

Appendix G. SDAM Dataforms

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Josephine County, OR			Date 11/7/17																
Waterway Name WB-1		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26' 44.84" N																
Reach Boundaries Project corridor			Long. 123deg 16'40.48" W																
Precipitation w/in 48 hours (cm) 0.3		Channel Width (m) 3.05																	
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																			
Observed Hydrology	% of reach w/observed surface flow 100																		
	% of reach w/any flow (surface or hyporheic) 100																		
	# of pools observed 0																		
Observations	Observed Wetland Plants (and indicator status):		Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemer-optera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Taxon	Indicator Status	Ephemer-optera?	# of Individuals												
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	2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input type="checkbox"/> No																		
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	4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																		
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Josephine County, OR			Date 11/7/17																				
Waterway Name WB-2		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26' 27.38" N																				
Reach Boundaries Project corridor			Long. 123deg 15'42.41" W																				
Precipitation w/in 48 hours (cm) 0.3	Channel Width (m) 0.9	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 _____ % of reach w/any flow (surface or hyporheic) _____ 0 _____ # of pools observed _____ 0 _____																						
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Address Josephine County, OR			Date 11/7/17															
Waterway Name WB-3		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 26'30.25" N																
Reach Boundaries Project corridor		Long. 123deg 15'41.33" W																
Precipitation w/in 48 hours (cm) 0.3		Channel Width (m) 0.3																
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																		
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Address Josephine County, OR			Date 11/7/17																				
Waterway Name WB-4		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 26'23.09" N																					
Reach Boundaries Project corridor		Long. 123deg 15'26.47" W																					
Precipitation w/in 48 hours (cm) 0.3	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Address Josephine County, OR			Date 11/7/17																				
Waterway Name WB-5		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26'18.91" N																				
Reach Boundaries Project corridor			Long. 123deg 15' 18.61" W																				
Precipitation w/in 48 hours (cm) 0.3		Channel Width (m) 1.83																					
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																							
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Address Josephine County, OR			Date 11/7/17																			
Waterway Name WB-6		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'58.28" N																			
Reach Boundaries Project corridor			Long. 123deg 14'34.28" W																			
Precipitation w/in 48 hours (cm) 0.3	Channel Width (m) 1.22	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
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☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/7/17																				
Waterway Name WB-8		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 25'37.31" N																					
Reach Boundaries Project corridor		Long. 123deg 13'26.71" W																					
Precipitation w/in 48 hours (cm) 0.3		Channel Width (m) 0.61																					
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																							
<div style="display: flex;"> <div style="width: 15%; background-color: #f0f0f0; padding: 5px; font-weight: bold;">Observed Hydrology</div> <div style="flex-grow: 1;"> <p>% of reach w/observed surface flow _____ 0</p> <p>% of reach w/any flow (surface or hyporheic) _____ 0</p> <p># of pools observed _____ 0</p> </div> </div>																							
Observations	Observed Wetland Plants (and indicator status):		Observed Macroinvertebrates: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 40%;">Taxon</th> <th style="width: 15%;">Indicator Status</th> <th style="width: 20%;">Ephemer-optera?</th> <th style="width: 25%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Taxon	Indicator Status	Ephemer-optera?	# of Individuals																
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Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/7/17																			
Waterway Name WB-9		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'34.56" N																			
Reach Boundaries Project corridor			Long. 123deg 13'18.04" W																			
Precipitation w/in 48 hours (cm) 0.3	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																					
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Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/7/17																				
Waterway Name WB-10		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'28.25" N																				
Reach Boundaries Project corridor			Long. 123deg 12'56.67" W																				
Precipitation w/in 48 hours (cm) 0.3		Channel Width (m) 0.3																					
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Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																
Address Jackson County, OR			Date 11/7/17															
Waterway Name WB-11		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'20.80" N															
Reach Boundaries Project corridor			Long. 123deg 12'37.67" W															
Precipitation w/in 48 hours (cm) 0.3		Channel Width (m) 1.52	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")															
Observed Hydrology	% of reach w/observed surface flow _____ 0																	
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Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig								
Address Jackson County, OR			Date 11/7/17							
Waterway Name WB-12		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'25.32" N							
Reach Boundaries Project corridor			Long. 123deg 12'28.86" W							
Precipitation w/in 48 hours (cm) 0.3	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")								
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0									
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Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/7/17																			
Waterway Name WB-13		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'27.93" N																			
Reach Boundaries Project corridor			Long. 123deg 12'24.12" W																			
Precipitation w/in 48 hours (cm) 0.3	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
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Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/8/17																				
Waterway Name WB-14		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'32.44" N																				
Reach Boundaries Project corridor			Long. 123deg 13'9.88" W																				
Precipitation w/in 48 hours (cm) 0.0		Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
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Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/8/17																				
Waterway Name WB-15		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 25.3651" N Long. 123deg 13'23.23" W																					
Reach Boundaries Project corridor		<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Precipitation w/in 48 hours (cm) 0.0		Channel Width (m) 0.3																					
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Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR		Date 11/8/17																				
Waterway Name WB-16		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 25'5317" N Long. 123deg 11'25.17" W																				
Reach Boundaries Project corridor																						
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 1.22	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0																					
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☐ Erosion and Deposition

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Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/8/17																			
Waterway Name WB-17		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'5323" N																			
Reach Boundaries Project corridor			Long. 123deg 11'24.88" W																			
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 1.22	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																					
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Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Jackson County, OR			Date 11/8/17																
Waterway Name WB-18		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 25'43.31" N																	
Reach Boundaries Project corridor		Long. 123deg 11'54.03" W																	
Precipitation w/in 48 hours (cm) 0.0		Channel Width (m) 0.61																	
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																			
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Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/8/17																			
Waterway Name WB-19		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'55.08" N																			
Reach Boundaries Project corridor			Long. 123deg 11'31.26" W																			
Precipitation w/in 48 hours (cm) 0.0		Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																			
Observed Hydrology	% of reach w/observed surface flow _____ 0 _____																					
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Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/8/17																			
Waterway Name WB-20		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 25'58.93" N																			
Reach Boundaries Project corridor			Long. 123deg 11'24.87" W																			
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 0.15	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																					
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Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/8/17																				
Waterway Name WB-21		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26'19.69" N																				
Reach Boundaries Project corridor			Long. 123deg 11'9.04" W																				
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/8/17																				
Waterway Name WB-22		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 26'43.35" N																					
Reach Boundaries Project corridor		Long. 123deg 10'50.09" W																					
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Difficult Situation:

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☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/8/17																				
Waterway Name WB-23		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 26'41.47" N																					
Reach Boundaries Project corridor		Long. 123deg 10'51.60" W																					
Precipitation w/in 48 hours (cm) 0.0		Channel Width (m) 0.3																					
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																							
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Difficult Situation:

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☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/8/17																				
Waterway Name WB-24		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 26'46.02" N																					
Reach Boundaries Project corridor		Long. 123deg 10'39.68" W																					
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 1.22	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
Observations	Observed Wetland Plants (and indicator status): Phalaris arundinacea (FACW) occurs in a scattered fashion along the ditch margins.	Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemeroptera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		Taxon	Indicator Status	Ephemeroptera?	# of Individuals																
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Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

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☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																
Address Jackson County, OR			Date 11/8/17															
Waterway Name WB-25		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26'49.18" N															
Reach Boundaries Project corridor			Long. 123deg 10'38.55" W															
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 1.22	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																
Observed Hydrology	% of reach w/observed surface flow _____ 0 _____																	
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Describe situation. For disturbed streams, note extent, type, and history of disturbance.

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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Jackson County, OR			Date 11/8/17																
Waterway Name WB-26		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26'17.44" N																
Reach Boundaries Project corridor			Long. 123deg 11'10.89" W																
Precipitation w/in 48 hours (cm) 0.0	Channel Width (m) 1.22	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																	
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Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-27		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 26'41.11" N																					
Reach Boundaries Project corridor		Long. 123deg 9'47.18" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-28		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26'48.98" N																				
Reach Boundaries Project corridor			Long. 123deg 8'15.77" W																				
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-29		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'9.53" N																					
Reach Boundaries Project corridor		Long. 123deg 6'54.67" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.15	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Jackson County, OR			Date 11/9/17																
Waterway Name WB-30		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'29.39" N																
Reach Boundaries Project corridor			Long. 123deg 2'15.24" W																
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																	
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																		
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Difficult Situation:

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☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-31		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 28'5.65" N																				
Reach Boundaries Project corridor			Long. 123deg 0'49.50" W																				
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig	
Address Jackson County, OR			Date 11/9/17
Waterway Name WB-32		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'51.28" N
Reach Boundaries Project corridor			Long. 123deg 5'21.90" W
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")	
Observed Hydrology	% of reach w/observed surface flow _____ 0		
	% of reach w/any flow (surface or hyporheic) _____ 0		
	# of pools observed _____ 0		
Observations	Observed Wetland Plants (and indicator status):	Observed Macroinvertebrates:	
		Taxon	Indicator Status Ephemeroptera? # of Individuals
Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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	4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	5. What is the slope? (In percent, measured for the valley, not the stream) _____ %		
Conclusions	<pre> graph TD I1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> I2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] I1 -- No --> I4[Are SAV, FACW, or OBL plants present? (Indicator 4)] I2 -- Yes --> I3[Are perennial indicator taxa present? (Indicator 3)] I2 -- No --> I5_1[What is the slope? (Indicator 5)] I3 -- Yes --> P1[PERENNIAL] I3 -- No --> I5_1 I5_1 -- "Slope < 16%:" --> I16[INTERMITTENT] I5_1 -- "Slope ≥ 16%:" --> P2[PERENNIAL] I4 -- Yes --> I5_2[What is the slope? (Indicator 5)] I4 -- No --> E1[EPHEMERAL] I5_2 -- "Slope < 10.5%:" --> I105[INTERMITTENT] I5_2 -- "Slope ≥ 10.5%:" --> E2[EPHEMERAL] </pre>		
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☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-33		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'49.50" N																					
Reach Boundaries Project corridor		Long. 123deg 5'31.69" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-34		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'51.09" N																					
Reach Boundaries Project corridor		Long. 123deg 5'41.49" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-35		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'54.81" N																					
Reach Boundaries Project corridor		Long. 123deg 5'11.74" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig	
Address Jackson County, OR			Date 11/9/17
Waterway Name WB-36		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'54.73" N
Reach Boundaries Project corridor			Long. 123deg 5'8.51" W
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")	
Observed Hydrology	% of reach w/observed surface flow _____ 0		
	% of reach w/any flow (surface or hyporheic) _____ 0		
	# of pools observed _____ 0		
Observations	Observed Wetland Plants (and indicator status):	Observed Macroinvertebrates:	
		Taxon	Indicator Status Ephemeroptera? # of Individuals
Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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☐ Natural or Anthropogenic Disturbance

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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-37		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 28'3.00" N																					
Reach Boundaries Project corridor		Long. 123deg 5'16.65" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Difficult Situation:

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☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/9/17																			
Waterway Name WB-38		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'54.65" N																			
Reach Boundaries Project corridor			Long. 123deg 5'2.45" W																			
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-39		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'54.28" N																					
Reach Boundaries Project corridor		Long. 123deg 4'52.29" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

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☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/9/17																			
Waterway Name WB-40		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'58.82" N																			
Reach Boundaries Project corridor			Long. 123deg 4'3.35" W																			
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.76	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																					
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☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name				Assessor						
Sam's Valley Transmission				Kurt Flaig						
Address			Jackson County, OR			Date		11/9/17		
Waterway Name			WB-41			Coordinates at downstream end (ddd.mm.ss)		Lat. 42deg 27'47.89" N Long. 123deg 3'53.87" W		
Reach Boundaries			Project corridor							
Precipitation w/in 48 hours (cm)			0.25		Channel Width (m)		0.61		<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")	
Observed Hydrology										
% of reach w/observed surface flow _____ 0										
% of reach w/any flow (surface or hyporheic) _____ 0										
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Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-42		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'37.86" N Long. 123deg 2'53.93" W																					
Reach Boundaries Project corridor		<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Precipitation w/in 48 hours (cm) 0.25		Channel Width (m) 0.61																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Conclusions	<pre> graph TD Q1[Are aquatic macroinvertebrates present? (Indicator 1)] --> Q2[If Yes: Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] Q1 --> Q4[If No: Are SAV, FACW, or OBL plants present? (Indicator 4)] Q2 --> Q3[If Yes: Are perennial indicator taxa present? (Indicator 3)] Q2 --> Q3_1[If No: INTERMITTENT] Q3 --> Q3_2[If Yes: PERENNIAL] Q3 --> Q5[If No: What is the slope? (Indicator 5)] Q5 --> Q5_1[Slope < 16%: INTERMITTENT] Q5 --> Q5_2[Slope ≥ 16%: PERENNIAL] Q4 --> Q5_3[If Yes: What is the slope? (Indicator 5)] Q4 --> Q5_4[If No: EPHEMERAL] Q5_3 --> Q5_5[Slope < 10.5%: INTERMITTENT] Q5_3 --> Q5_6[Slope ≥ 10.5%: EPHEMERAL] </pre>																						
Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians		Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial																					

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig	
Address Jackson County, OR			Date 11/9/17
Waterway Name WB-42b		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'31.49" N
Reach Boundaries Project corridor			Long. 123deg 2'47.62" W
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.61	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")	
Observed Hydrology	% of reach w/observed surface flow _____ 0		
	% of reach w/any flow (surface or hyporheic) _____ 0		
	# of pools observed _____ 0		
Observations	Observed Wetland Plants (and indicator status):	Observed Macroinvertebrates:	
		Taxon	Indicator Status Ephemeroptera? # of Individuals
Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	3. Are perennial indicator taxa present? (refer to Table 1) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	5. What is the slope? (In percent, measured for the valley, not the stream) _____ %		
Conclusions	<pre> graph TD I1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> I2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] I1 -- No --> I4[Are SAV, FACW, or OBL plants present? (Indicator 4)] I2 -- Yes --> I3[Are perennial indicator taxa present? (Indicator 3)] I2 -- No --> I5_1[What is the slope? (Indicator 5)] I3 -- Yes --> P1[PERENNIAL] I3 -- No --> I5_1 I5_1 -- "Slope < 16%:" --> I5_2[INTERMITTENT] I5_1 -- "Slope ≥ 16%:" --> P2[PERENNIAL] I4 -- Yes --> I5_3[What is the slope? (Indicator 5)] I4 -- No --> E1[EPHEMERAL] I5_3 -- "Slope < 10.5%:" --> I5_4[INTERMITTENT] I5_3 -- "Slope ≥ 10.5%:" --> E2[EPHEMERAL] </pre>		
	Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians	Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial	

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Jackson County, OR			Date 11/9/17																
Waterway Name WB-43		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'37.15" N Long. 123deg 2'53.84" W																	
Reach Boundaries Project corridor		<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																	
Precipitation w/in 48 hours (cm) 0.25		Channel Width (m) 0.3																	
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																		
Observations	Observed Wetland Plants (and indicator status):		Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemeroptera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Taxon	Indicator Status	Ephemeroptera?	# of Individuals												
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-44		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'36.07" N Long. 123deg 2'52.93" W																					
Reach Boundaries Project corridor		<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Precipitation w/in 48 hours (cm) 0.25		Channel Width (m) 0.9																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
Observations	Observed Wetland Plants (and indicator status):		Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemeroptera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Taxon	Indicator Status	Ephemeroptera?	# of Individuals																
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-44b		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'31.44" N																				
Reach Boundaries Project corridor			Long. 123deg 2'48.16" W																				
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.9	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-45		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'30.06" N																					
Reach Boundaries Project corridor		Long. 123deg 2'38.06" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

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☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Jackson County, OR			Date 11/9/17																
Waterway Name WB-46 Sardine Creek		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'57.21" N																	
Reach Boundaries Project corridor		Long. 123deg 4'23.61" W																	
Precipitation w/in 48 hours (cm) 0.25		Channel Width (m) 4.6																	
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																			
Observed Hydrology	% of reach w/observed surface flow _____ 100 % of reach w/any flow (surface or hyporheic) _____ 100 # of pools observed _____ 0																		
Observations	Observed Wetland Plants (and indicator status): Salix laevigata (FACW)	Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemeroptera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		Taxon	Indicator Status	Ephemeroptera?	# of Individuals												
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Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

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☐ Natural or Anthropogenic Disturbance

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Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/9/17																			
Waterway Name WB-47		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 27'57.21" N																			
Reach Boundaries Project corridor			Long. 123deg 4'23.35" W																			
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																					
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	4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	5. What is the slope? (In percent, measured for the valley, not the stream) _____ %																					
Conclusions	<pre> graph TD I1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> I2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] I1 -- No --> I4[If No: Are SAV, FACW, or OBL plants present? (Indicator 4)] I2 -- Yes --> I3[Are perennial indicator taxa present? (Indicator 3)] I2 -- No --> Interm1[INTERMITTENT] I3 -- Yes --> Perenn1[PERENNIAL] I3 -- No --> Interm1 I4 -- Yes --> I5[What is the slope? (Indicator 5)] I4 -- No --> Ephem1[EPHEMERAL] I5 -- Yes --> Slope1[What is the slope?] Slope1 -- "Slope < 16%:" --> Interm2[INTERMITTENT] Slope1 -- "Slope ≥ 16%:" --> Perenn2[PERENNIAL] I5 -- No --> Slope2[What is the slope?] Slope2 -- "Slope < 10.5%:" --> Interm3[INTERMITTENT] Slope2 -- "Slope ≥ 10.5%:" --> Ephem2[EPHEMERAL] </pre>																					
	Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians	Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial																				

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-48		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'57.57" N																					
Reach Boundaries Project corridor		Long. 123deg 4'22.54" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
Observations	Observed Wetland Plants (and indicator status):	Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 40%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemer-optera?</th> <th style="text-align: left; width: 25%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		Taxon	Indicator Status	Ephemer-optera?	# of Individuals																
Taxon	Indicator Status	Ephemer-optera?	# of Individuals																				
Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Are perennial indicator taxa present? (refer to Table 1) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5. What is the slope? (In percent, measured for the valley, not the stream) _____ %																						
Conclusions	<pre> graph TD Q1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> Q2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] Q1 -- No --> Q4[Are SAV, FACW, or OBL plants present? (Indicator 4)] Q2 -- Yes --> Q3[Are perennial indicator taxa present? (Indicator 3)] Q2 -- No --> I2[INTERMITTENT] Q3 -- Yes --> P1[PERENNIAL] Q3 -- No --> Q5[What is the slope? (Indicator 5)] Q4 -- Yes --> Q5 Q4 -- No --> I4[EPHEMERAL] Q5 -- Slope < 16% --> I5[INTERMITTENT] Q5 -- Slope ≥ 16% --> P2[PERENNIAL] Q5 -- Slope < 10.5% --> I6[INTERMITTENT] Q5 -- Slope ≥ 10.5% --> E1[EPHEMERAL] </pre>																						
Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians		Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial																					

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																				
Address Jackson County, OR			Date 11/9/17																			
Waterway Name WB-49		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 28'20.73" N																			
Reach Boundaries Project corridor			Long. 122deg 59'29.28" W																			
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.6	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																				
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																					
Observations	Observed Wetland Plants (and indicator status):	Observed Macroinvertebrates:																				
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 40%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemer-optera?</th> <th style="text-align: left; width: 25%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td colspan="4" style="height: 40px;"></td></tr> <tr><td colspan="4" style="height: 40px;"></td></tr> <tr><td colspan="4" style="height: 40px;"></td></tr> <tr><td colspan="4" style="height: 40px;"></td></tr> </tbody> </table>		Taxon	Indicator Status	Ephemer-optera?	# of Individuals															
Taxon	Indicator Status	Ephemer-optera?	# of Individuals																			
Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	3. Are perennial indicator taxa present? (refer to Table 1) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	5. What is the slope? (In percent, measured for the valley, not the stream) _____ %																					
Conclusions	<pre> graph TD Q1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> Q2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] Q1 -- No --> Q4[Are SAV, FACW, or OBL plants present? (Indicator 4)] Q2 -- Yes --> Q3[Are perennial indicator taxa present? (Indicator 3)] Q2 -- No --> Q5[What is the slope? (Indicator 5)] Q3 -- Yes --> P1[PERENNIAL] Q3 -- No --> I1[INTERMITTENT] Q4 -- Yes --> Q5 Q4 -- No --> Q6[What is the slope? (Indicator 4)] Q5 --> I2[Slope < 16%: INTERMITTENT] Q5 --> P2[Slope >= 16%: PERENNIAL] Q6 --> I3[Slope < 10.5%: INTERMITTENT] Q6 --> E1[Slope >= 10.5%: EPHEMERAL] Q6 -- No --> E2[EPHEMERAL] </pre>																					
	Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians	Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial																				

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/9/17																				
Waterway Name WB-50		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 28'19.81" N																					
Reach Boundaries Project corridor		Long. 122deg 58'57.62" W																					
Precipitation w/in 48 hours (cm) 0.25	Channel Width (m) 0.3	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																					
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
Observations	Observed Wetland Plants (and indicator status):	Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemer-optera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		Taxon	Indicator Status	Ephemer-optera?	# of Individuals																
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Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Are perennial indicator taxa present? (refer to Table 1) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5. What is the slope? (In percent, measured for the valley, not the stream) _____ %																						
Conclusions	<pre> graph LR Q1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> Q2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] Q1 -- No --> Q4[Are SAV, FACW, or OBL plants present? (Indicator 4)] Q2 -- Yes --> Q3[Are perennial indicator taxa present? (Indicator 3)] Q2 -- No --> I2[INTERMITTENT] Q3 -- Yes --> P1[PERENNIAL] Q3 -- No --> Q5[What is the slope? (Indicator 5)] Q4 -- Yes --> Q5 Q4 -- No --> E1[EPHEMERAL] Q5 -- Slope < 16% --> I3[INTERMITTENT] Q5 -- Slope ≥ 16% --> P2[PERENNIAL] Q5 -- Slope < 10.5% --> I4[INTERMITTENT] Q5 -- Slope ≥ 10.5% --> E2[EPHEMERAL] </pre>																						
Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians		Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial																					

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																					
Address Jackson County, OR			Date 11/10/17																				
Waterway Name WB-51		Coordinates at downstream end (ddd.mm.ss) Lat. 42deg 27'53.45" N																					
Reach Boundaries Project corridor		Long. 122deg 56'37.67" W																					
Precipitation w/in 48 hours (cm) 0.66		Channel Width (m) 0.3																					
<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																							
Observed Hydrology	% of reach w/observed surface flow _____ 0 % of reach w/any flow (surface or hyporheic) _____ 0 # of pools observed _____ 0																						
Observations	Observed Wetland Plants (and indicator status):		Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemeroptera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Taxon	Indicator Status	Ephemeroptera?	# of Individuals																
Taxon	Indicator Status	Ephemeroptera?	# of Individuals																				
Indicators	1. Are aquatic macroinvertebrates present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. Are 6 or more individuals of the Order Ephemeroptera present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Are perennial indicator taxa present? (refer to Table 1) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 4. Are FACW, OBL, or SAV plants present? (Within ½ channel width) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5. What is the slope? (In percent, measured for the valley, not the stream) _____ %																						
Conclusions	<pre> graph TD I1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> I2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] I1 -- No --> I4[Are SAV, FACW, or OBL plants present? (Indicator 4)] I2 -- Yes --> I3[Are perennial indicator taxa present? (Indicator 3)] I2 -- No --> I5a[What is the slope? (Indicator 5)] I3 -- Yes --> P1[PERENNIAL] I3 -- No --> I5a I5a -- "Slope < 16%" --> I16[INTERMITTENT] I5a -- "Slope ≥ 16%" --> P2[PERENNIAL] I4 -- Yes --> I5b[What is the slope? (Indicator 5)] I4 -- No --> E1[EPHEMERAL] I5b -- "Slope < 10.5%" --> I105[INTERMITTENT] I5b -- "Slope ≥ 10.5%" --> E2[EPHEMERAL] </pre>																						
Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians		Finding: <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Perennial																					

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:

Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Streamflow Duration Field Assessment Form

Project # / Name Sam's Valley Transmission		Assessor Kurt Flaig																	
Address Jackson County, OR			Date 11/10/17																
Waterway Name WB-52		Coordinates at downstream end (ddd.mm.ss)	Lat. 42deg 26'15.29" N																
Reach Boundaries Project corridor			Long. 122deg 55'14.98" W																
Precipitation w/in 48 hours (cm) 0.66	Channel Width (m) 3.05	<input type="checkbox"/> Disturbed Site / Difficult Situation (Describe in "Notes")																	
Observed Hydrology	% of reach w/observed surface flow _____ 0* % of reach w/any flow (surface or hyporheic) _____ 0* # of pools observed _____ 0																		
Observations	Observed Wetland Plants (and indicator status): Salix laevigata (FACW)	Observed Macroinvertebrates: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">Taxon</th> <th style="text-align: left; width: 15%;">Indicator Status</th> <th style="text-align: left; width: 20%;">Ephemer-optera?</th> <th style="text-align: left; width: 30%;"># of Individuals</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		Taxon	Indicator Status	Ephemer-optera?	# of Individuals												
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Conclusions	<pre> graph TD Q1[Are aquatic macroinvertebrates present? (Indicator 1)] -- Yes --> Q2[Are 6 or more individuals of the Order Ephemeroptera present? (Indicator 2)] Q1 -- No --> Q4[Are SAV, FACW, or OBL plants present? (Indicator 4)] Q2 -- Yes --> Q3[Are perennial indicator taxa present? (Indicator 3)] Q2 -- No --> I2[INTERMITTENT] Q3 -- Yes --> P1[PERENNIAL] Q3 -- No --> Q5[What is the slope? (Indicator 5)] Q5 -- Slope < 16% --> I5[INTERMITTENT] Q5 -- Slope ≥ 16% --> P2[PERENNIAL] Q4 -- Yes --> Q5 Q4 -- No --> I4[EPHEMERAL] Q5 -- Slope < 10.5% --> I6[INTERMITTENT] Q5 -- Slope ≥ 10.5% --> E1[EPHEMERAL] </pre>																		
Single Indicators: <input type="checkbox"/> Fish <input type="checkbox"/> Amphibians		Finding: <input type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Perennial																	

Notes: (explanation of any single indicator conclusions, description of disturbances or modifications that may interfere with indicators, etc.)

Difficult Situation:

Describe situation. For disturbed streams, note extent, type, and history of disturbance.

☐ Prolonged Abnormal Rainfall / Snowpack

☐ Below Average

☐ Above Average

☐ Natural or Anthropogenic Disturbance

☐ Other: _____

Additional Notes: (sketch of site, description of photos, comments on hydrological observations, etc.) Attach additional sheets as necessary.

*Waterbody is an excavated ditch used at an active quarry site. No flowing water but standing water present (2 ft depth). Ditch likely used for overflow from quarry ponds.

Ancillary Information:

☐ Riparian Corridor

☐ Erosion and Deposition

☐ Floodplain Connectivity

Observed Amphibians, Snake, and Fish:






Taxa	Life History Stage	Location Observed	Number of Individuals Observed

Appendix H. Figures Depicting Locations of NWI



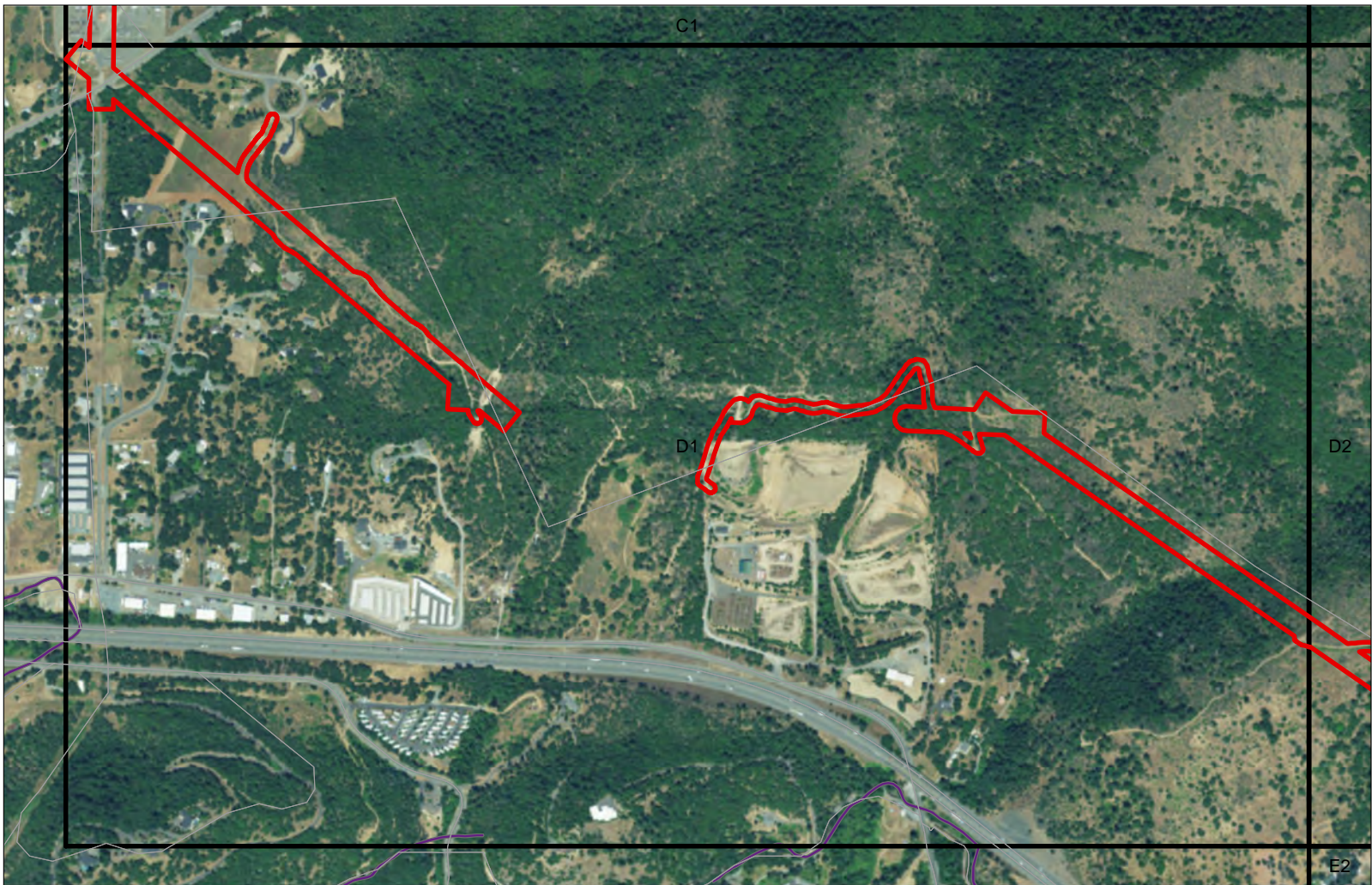
Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz

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0 0.1 0.2
mi
km

-  Study Area
 Tax Lots
- NWI Wetland Type**
-  Freshwater Emergent Wetland
 Freshwater Forested/Shrub Wetland
 Riverine






C1
Page 1 of 30

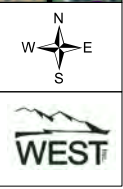


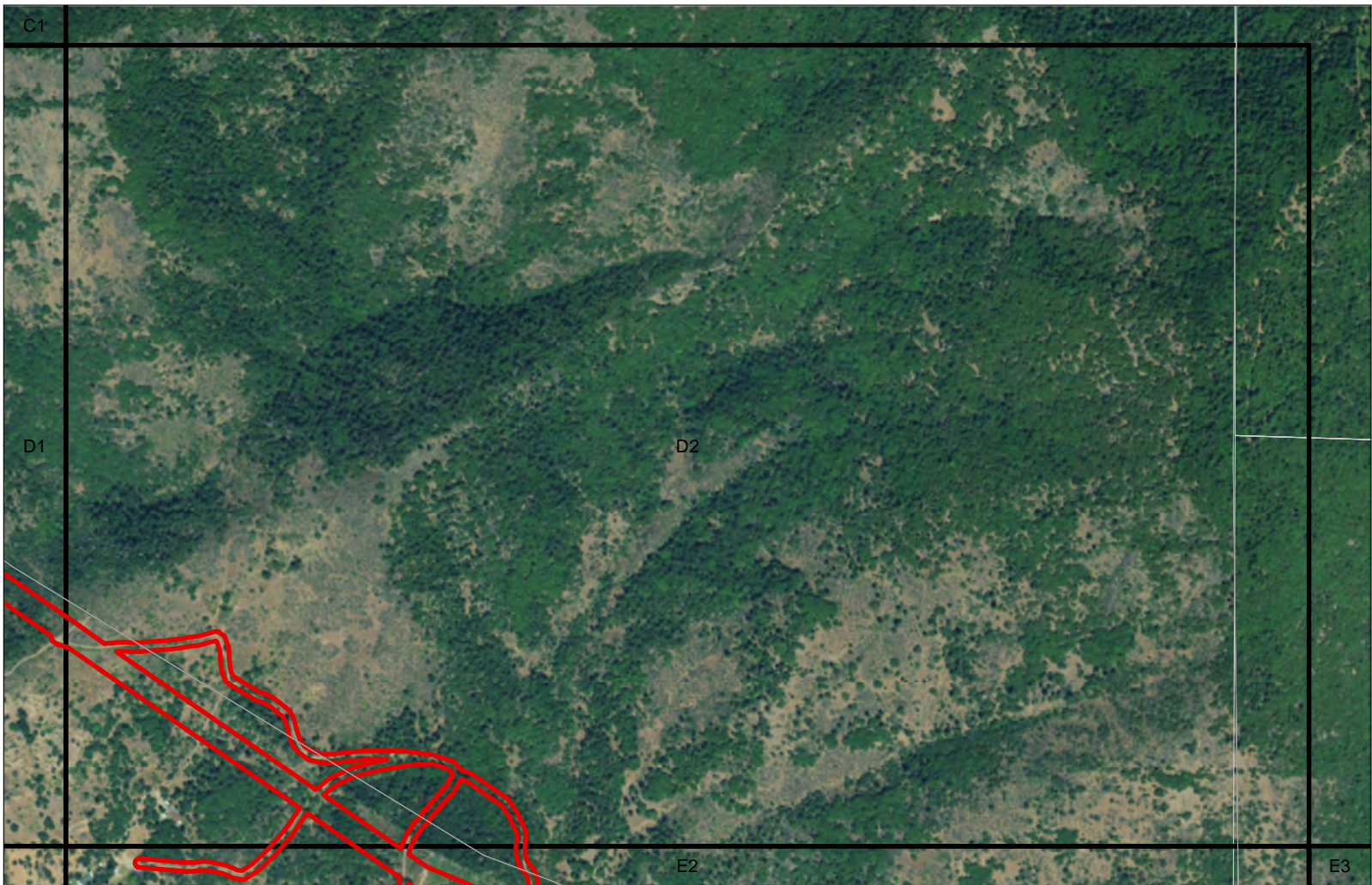


Sam's Valley Project
Jackson and Josephine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz

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0 0.1 0.2
mi
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mi

-  Study Area
-  Tax Lots
- NWI Wetland Type**
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Riverine

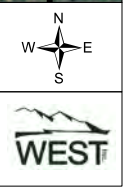


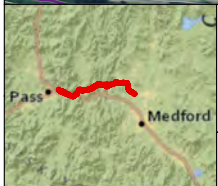
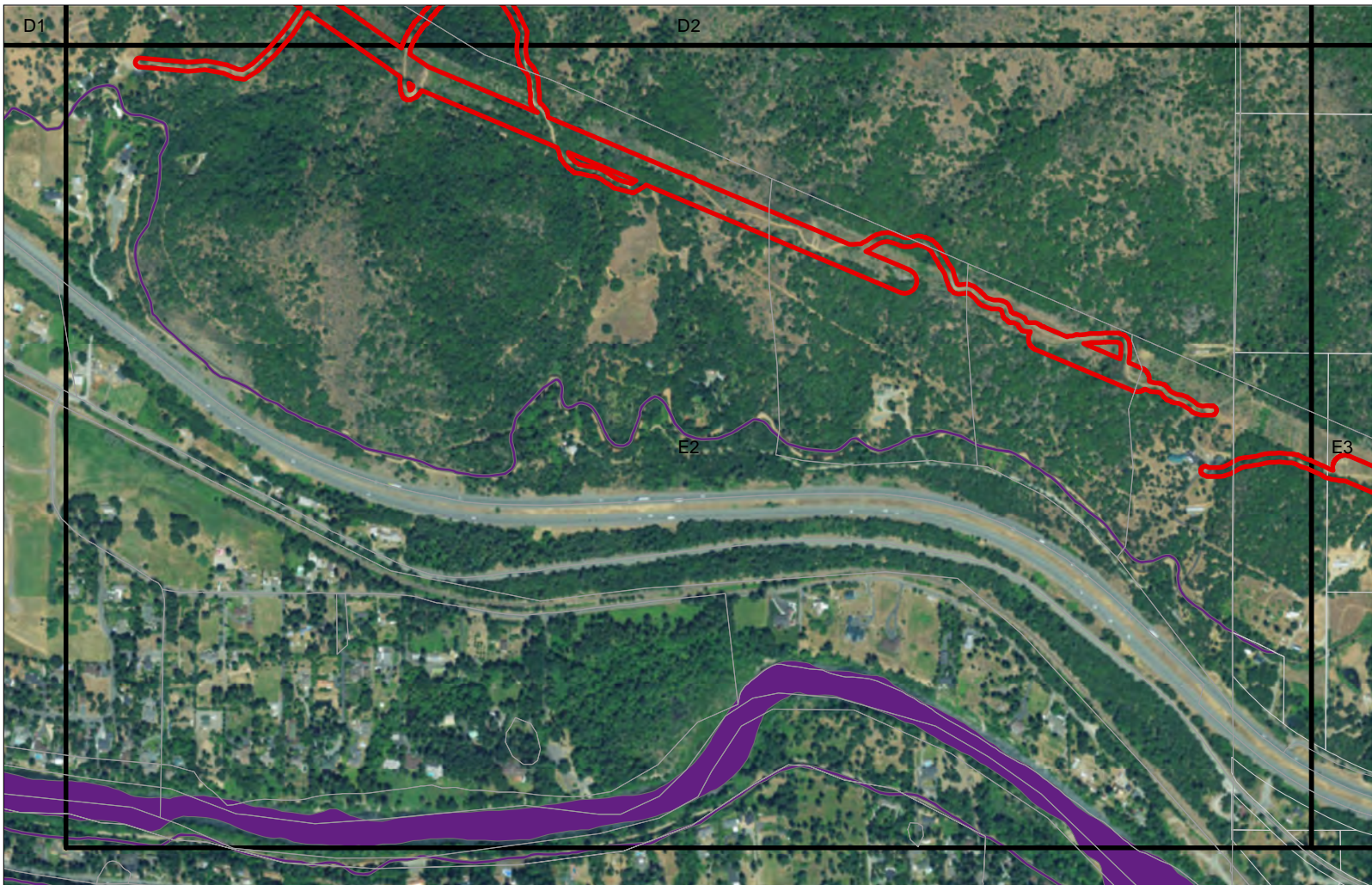


Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz

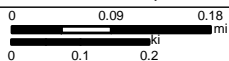
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- Study Area
- Tax Lots
- NWI Wetland Type**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine





Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz



Study Area



Tax Lots

NWI Wetland Type



Freshwater Emergent Wetland



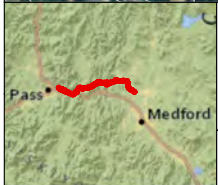
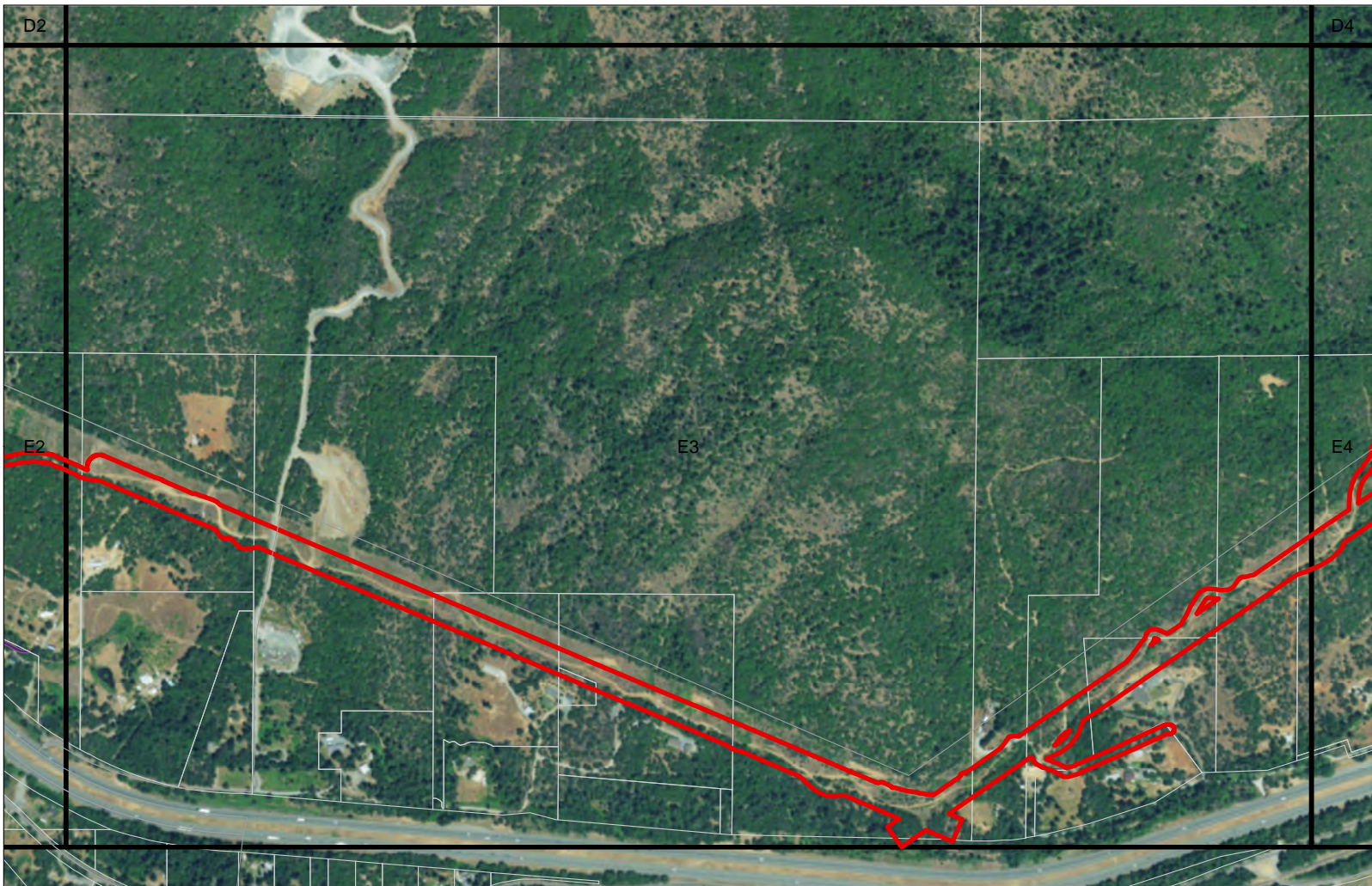
Freshwater Forested/Shrub Wetland



Riverine






E2
Page 4 of 30

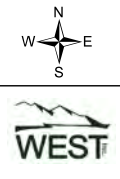


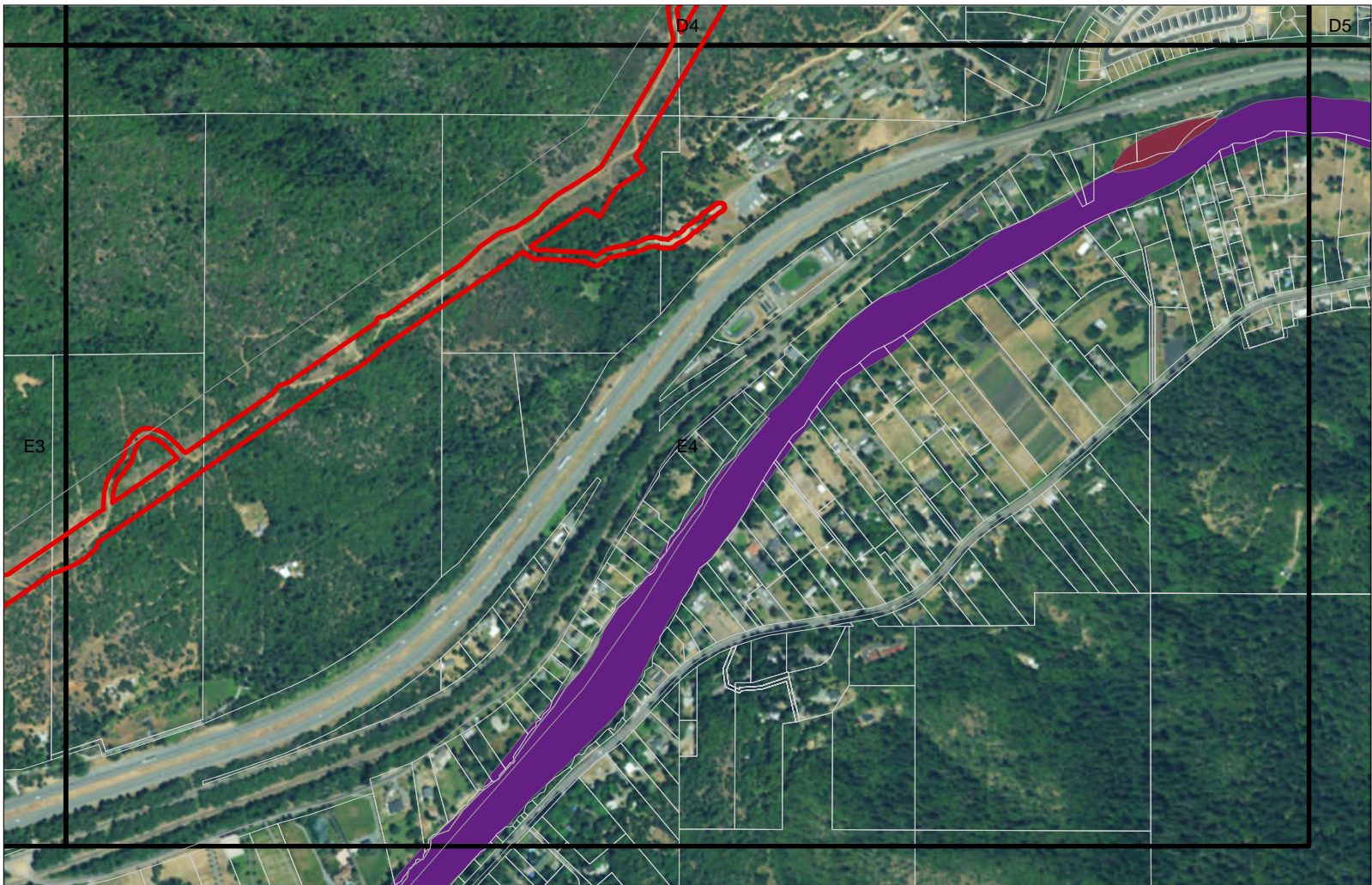


Sam's Valley Project
Jackson and Josephine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz

0 0.09 0.18
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-  Study Area
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- NWI Wetland Type**
-  Freshwater Emergent Wetland
 Freshwater Forested/Shrub Wetland
 Riverine

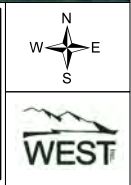


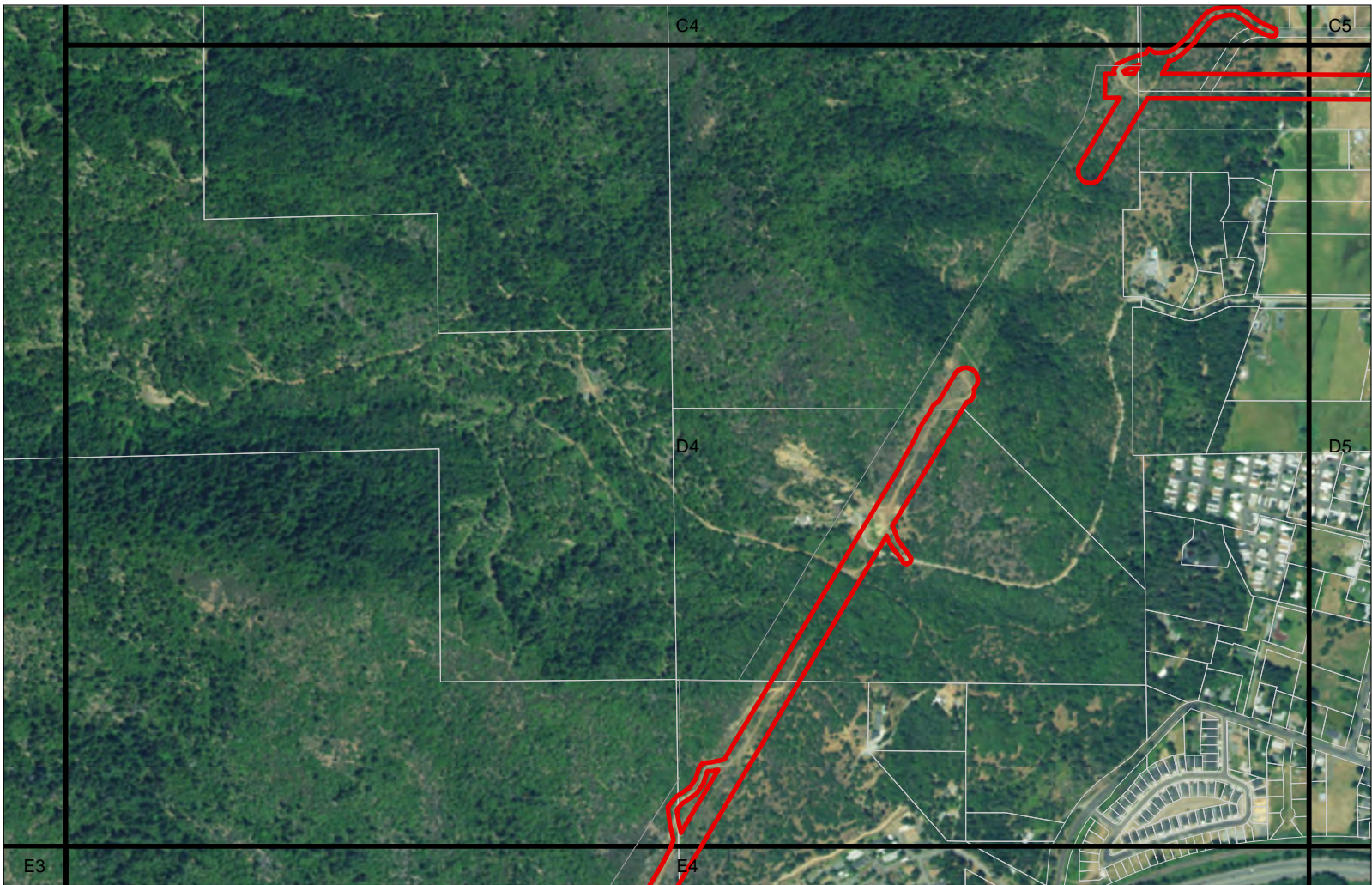


Sam's Valley Project
Jackson and Josephine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz

0 0.09 0.18
0 0.1 0.2
mi
km

-  Study Area
 Tax Lots
- NWI Wetland Type**
-  Freshwater Emergent Wetland
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 -  Riverine

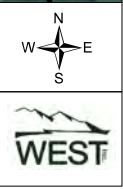


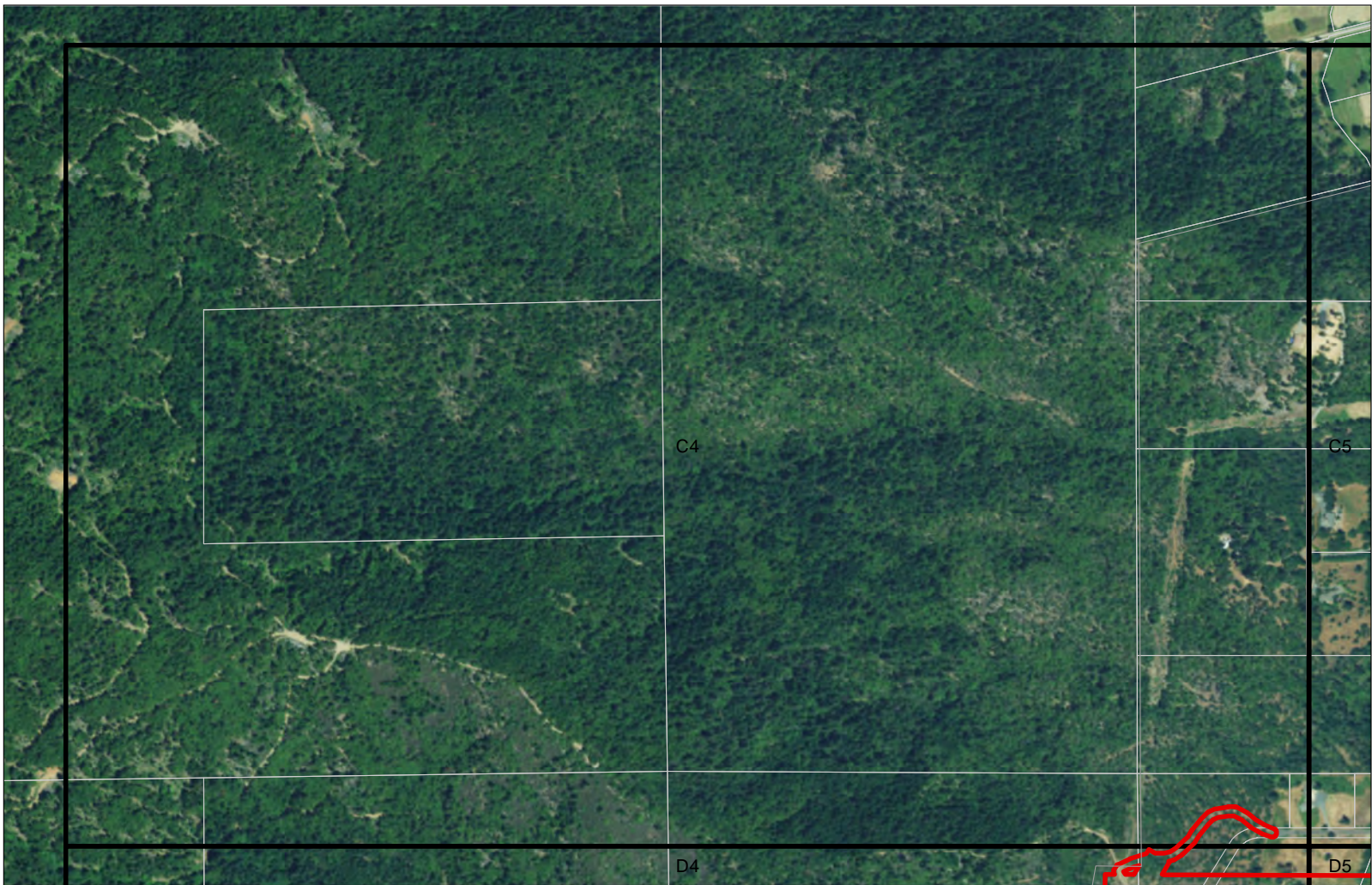


Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz

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- Study Area
- Tax Lots
- NWI Wetland Type**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine



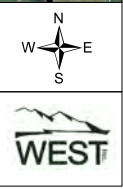


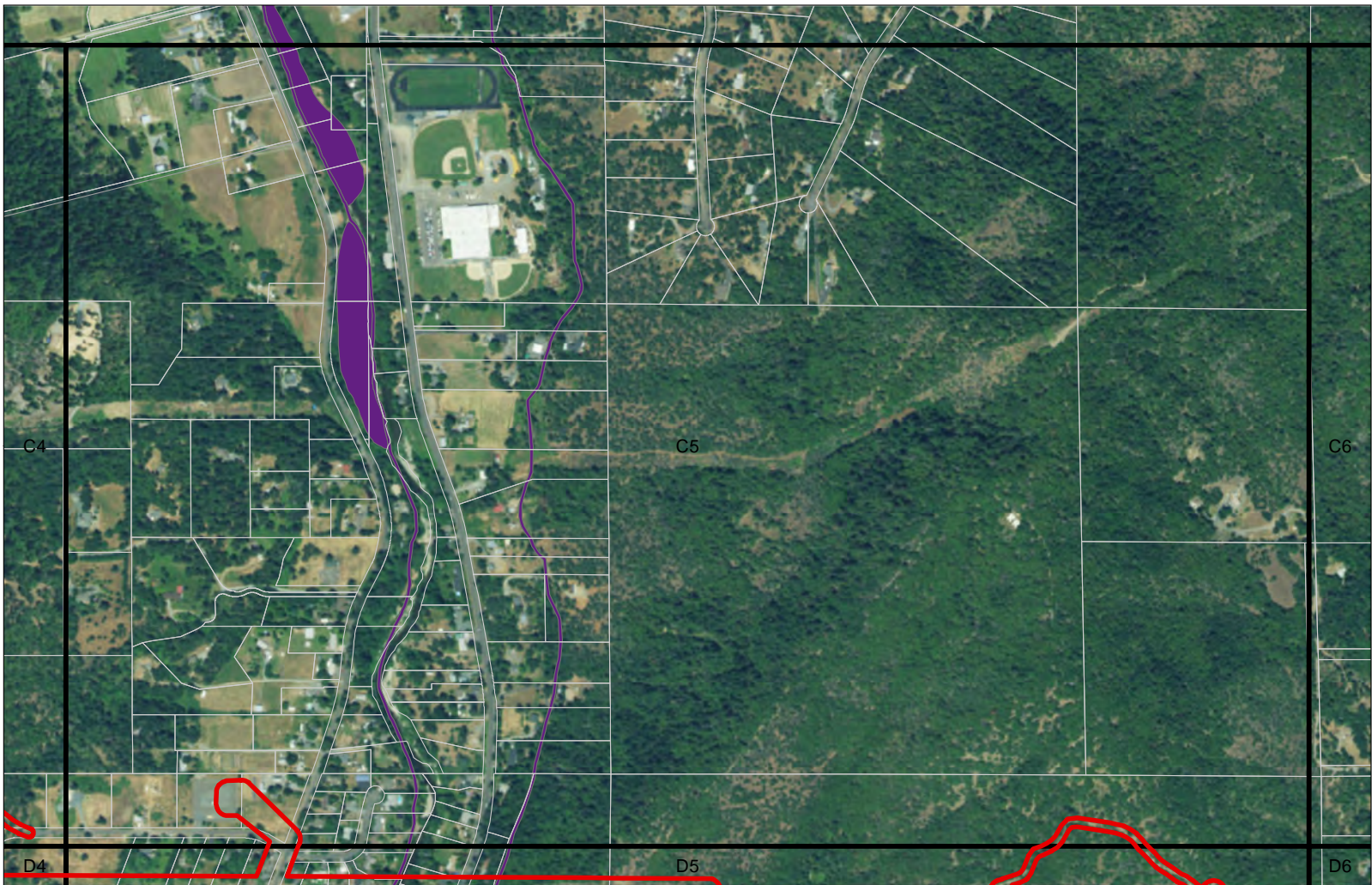
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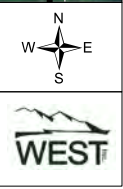


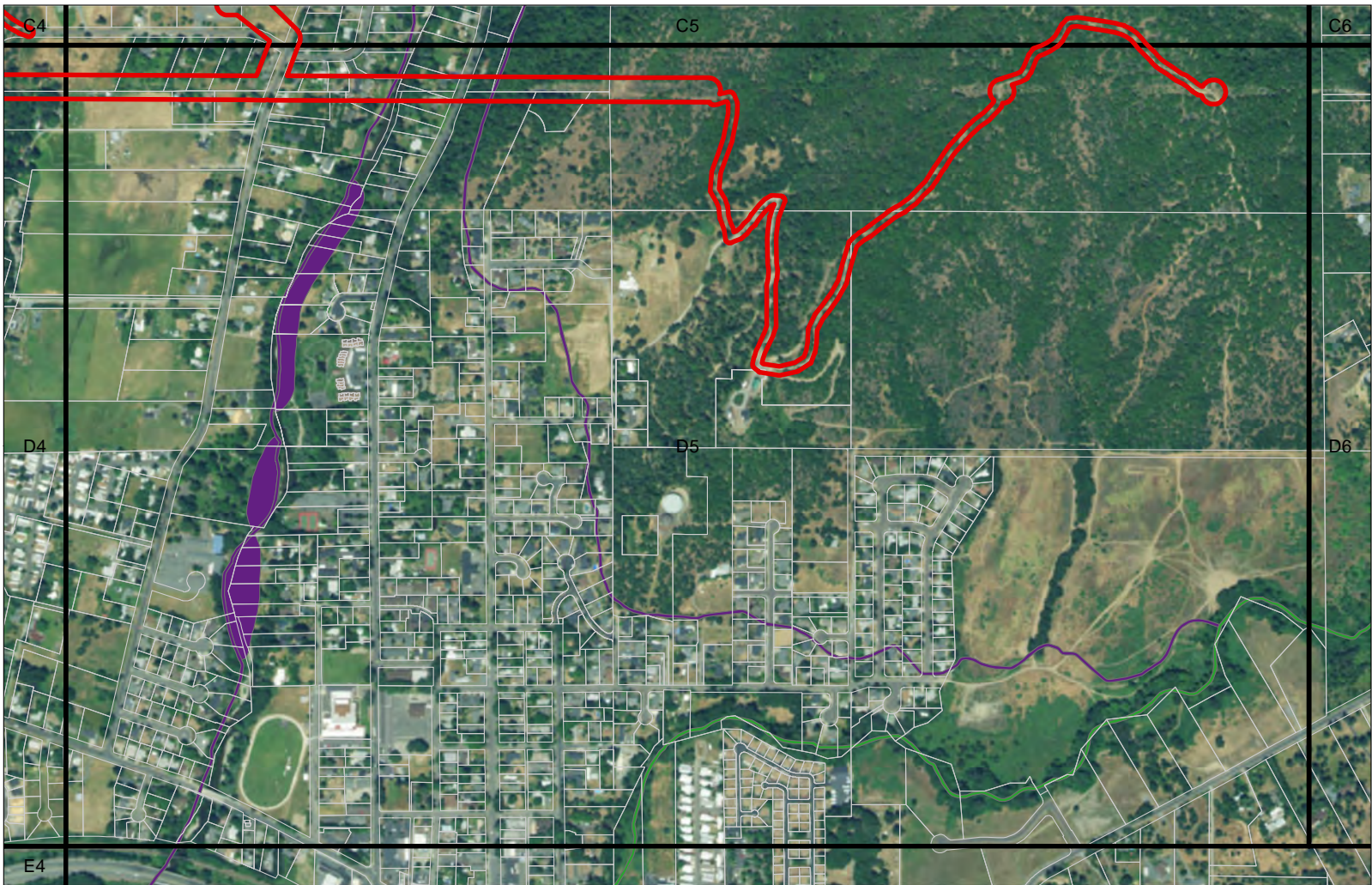
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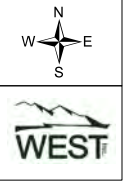


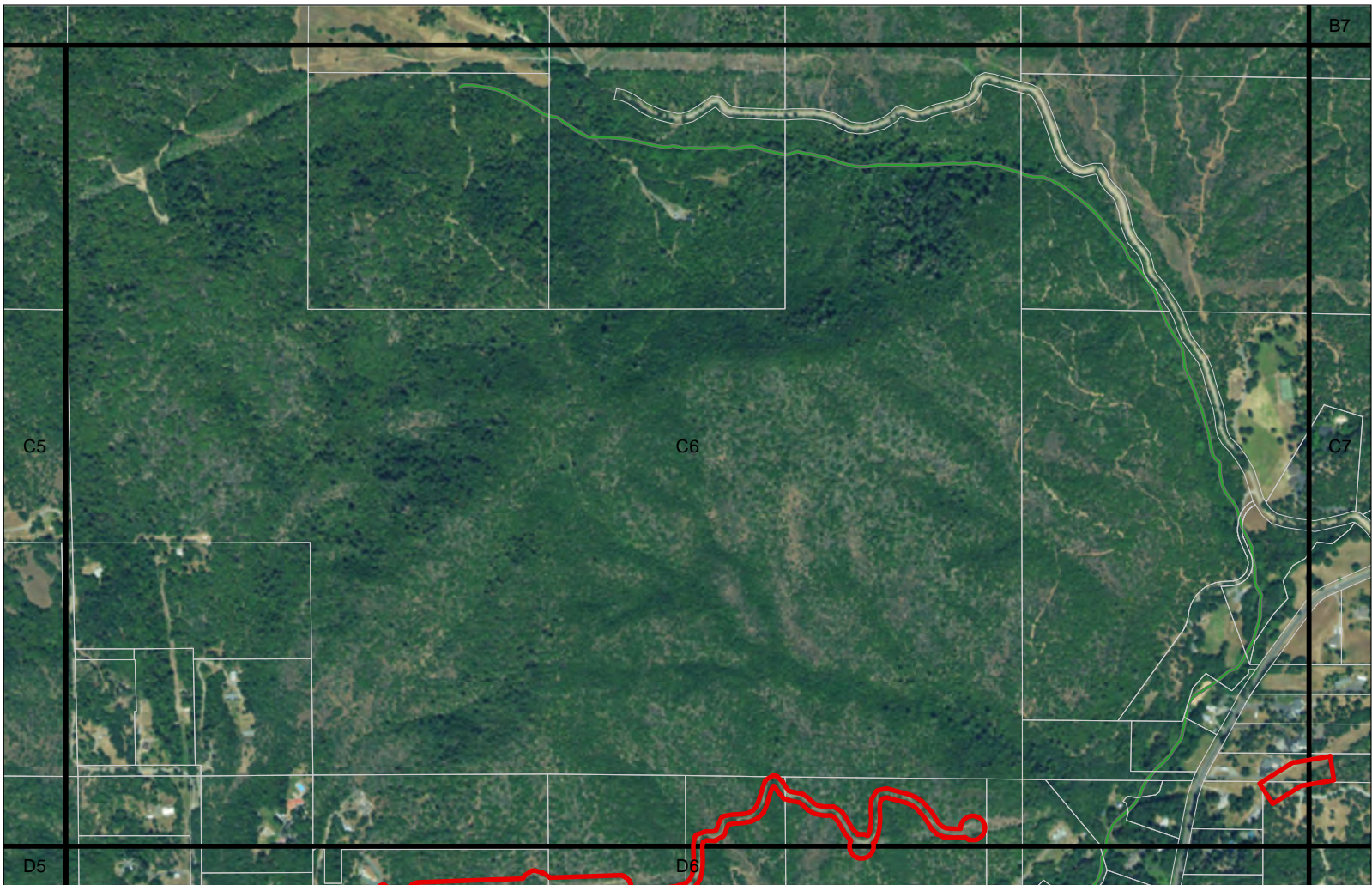
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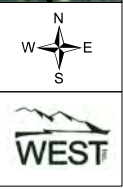


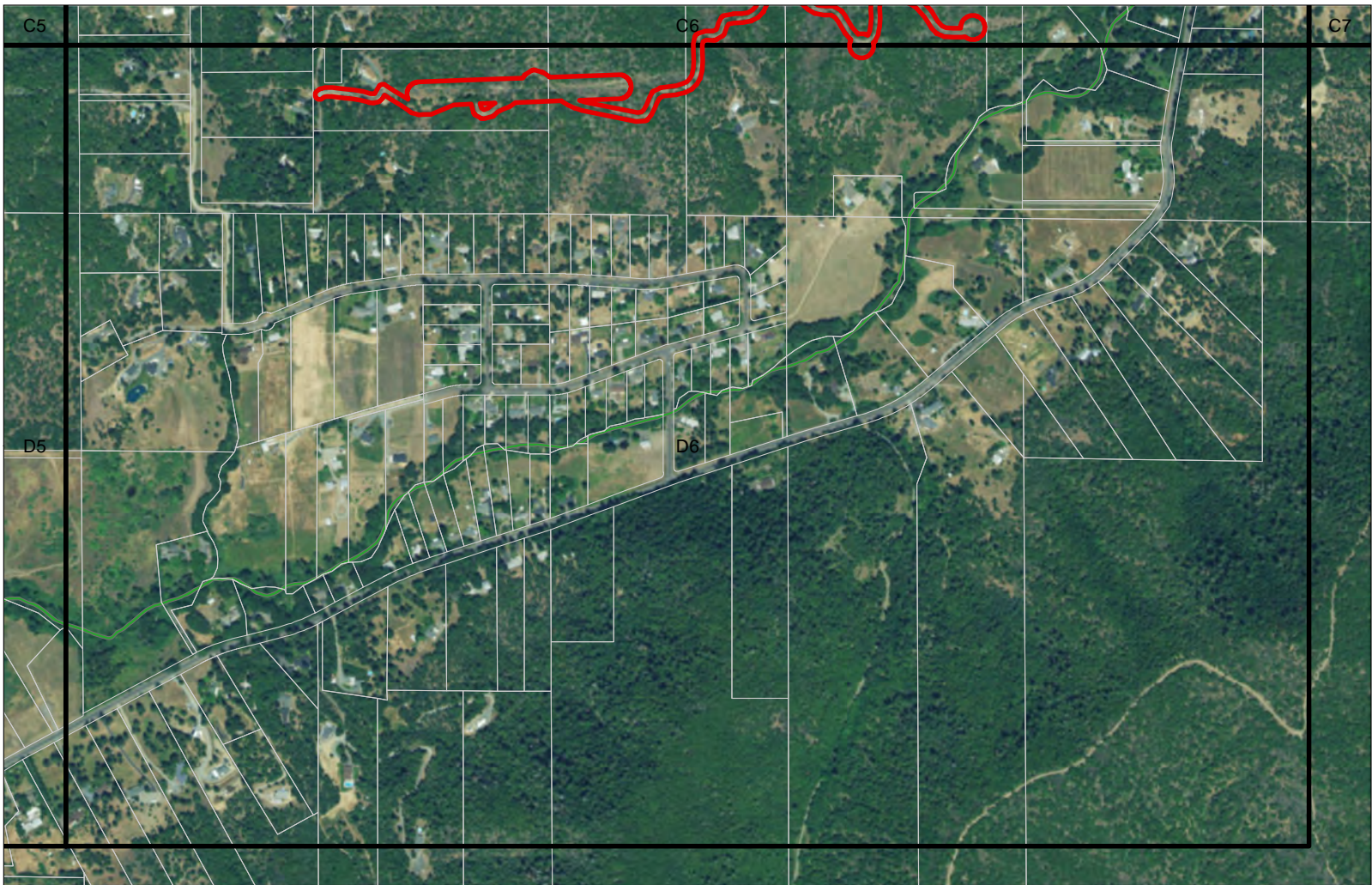


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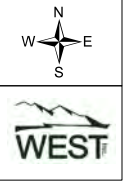


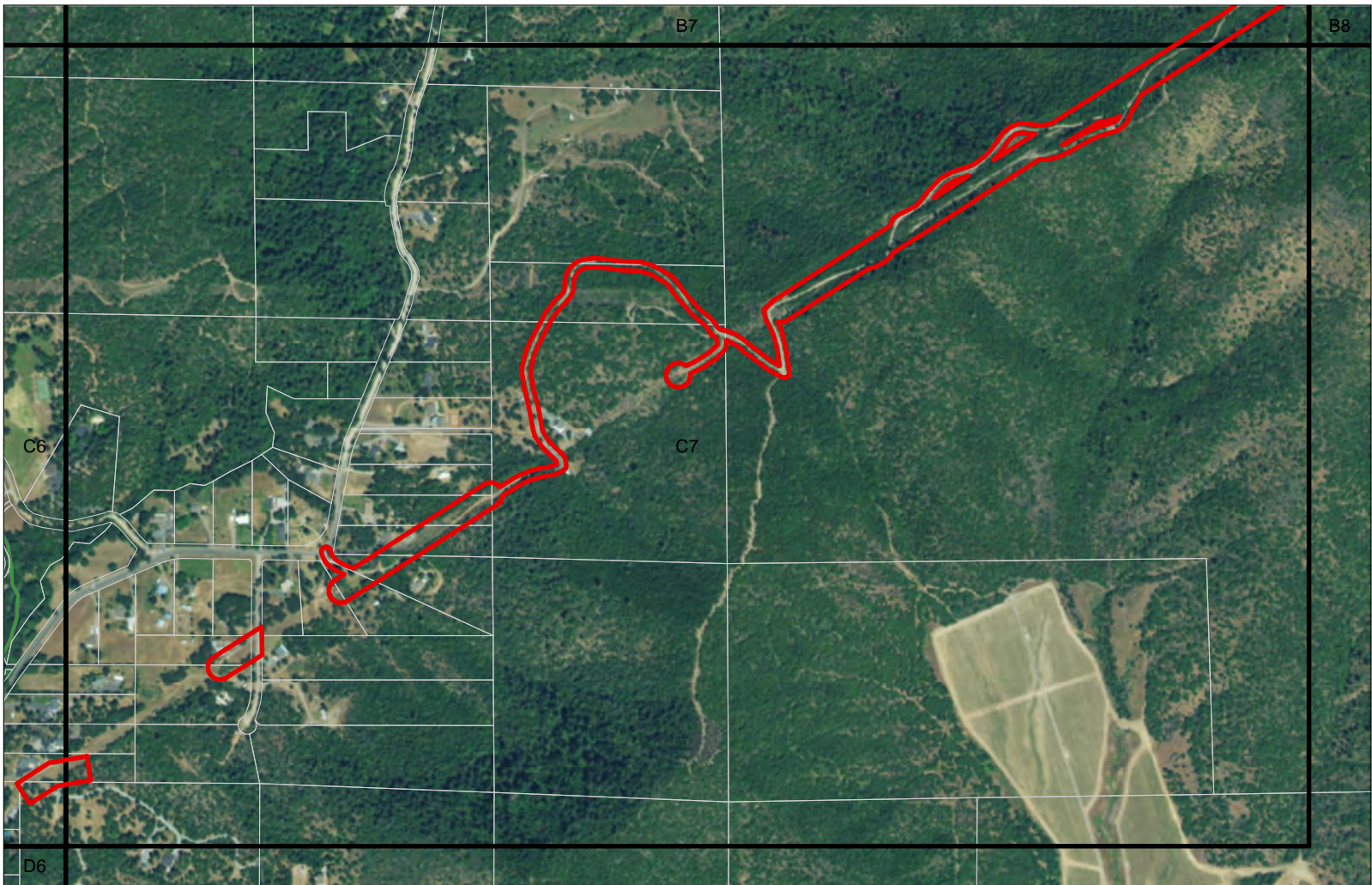


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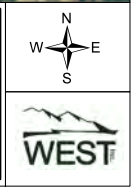


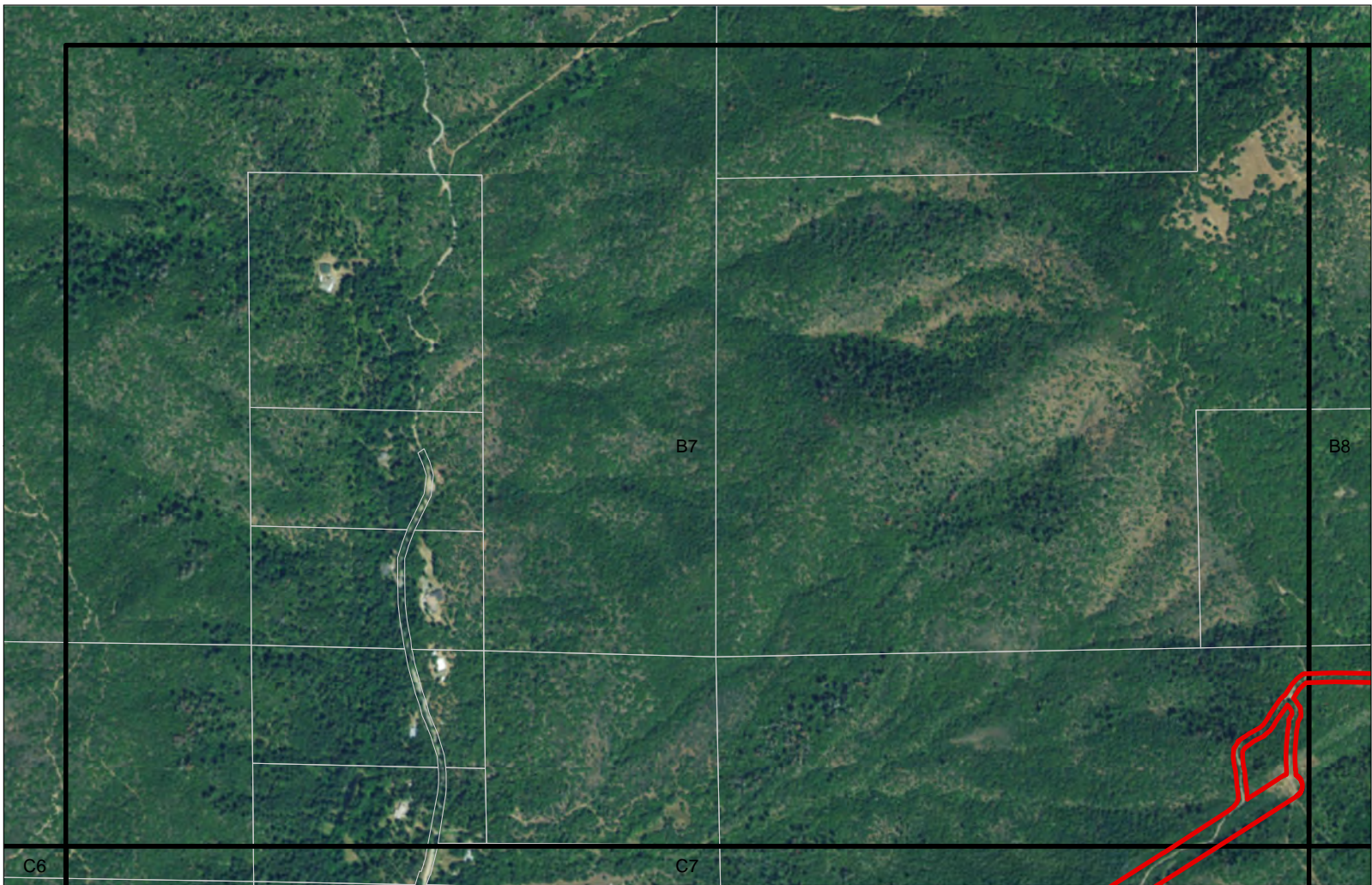


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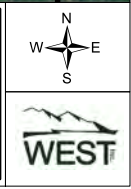


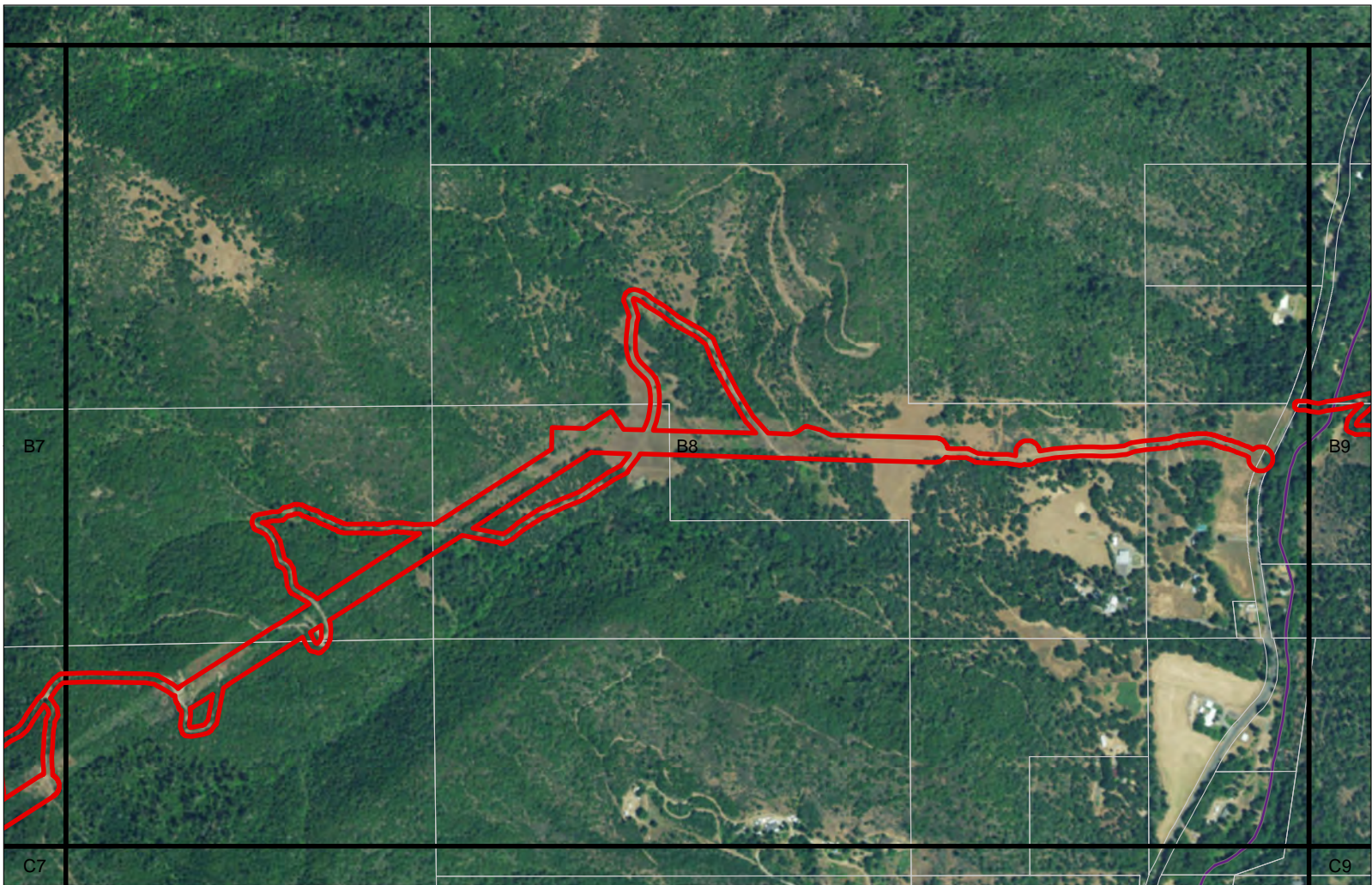


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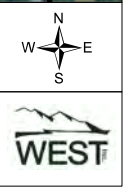


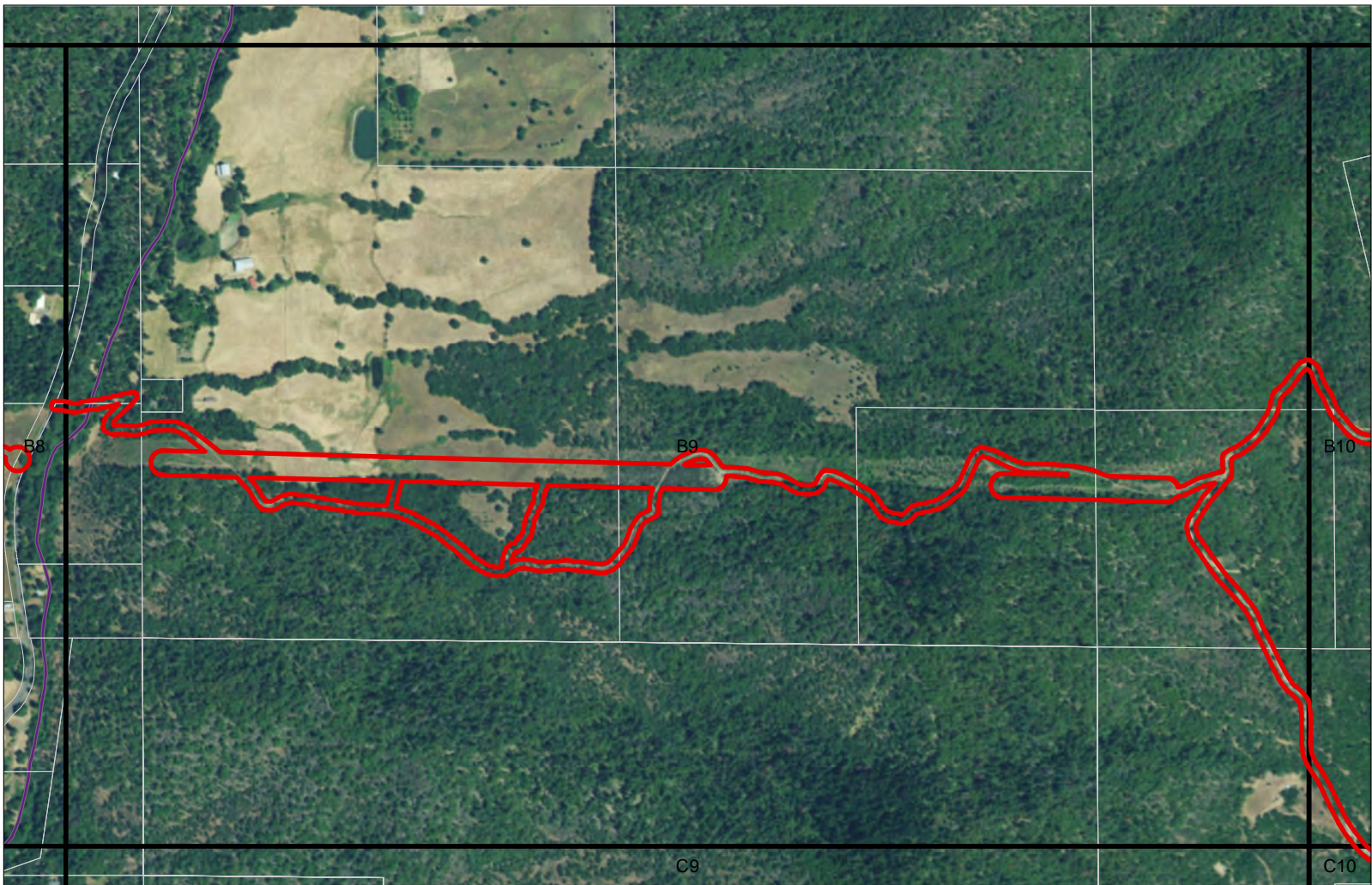


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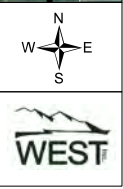


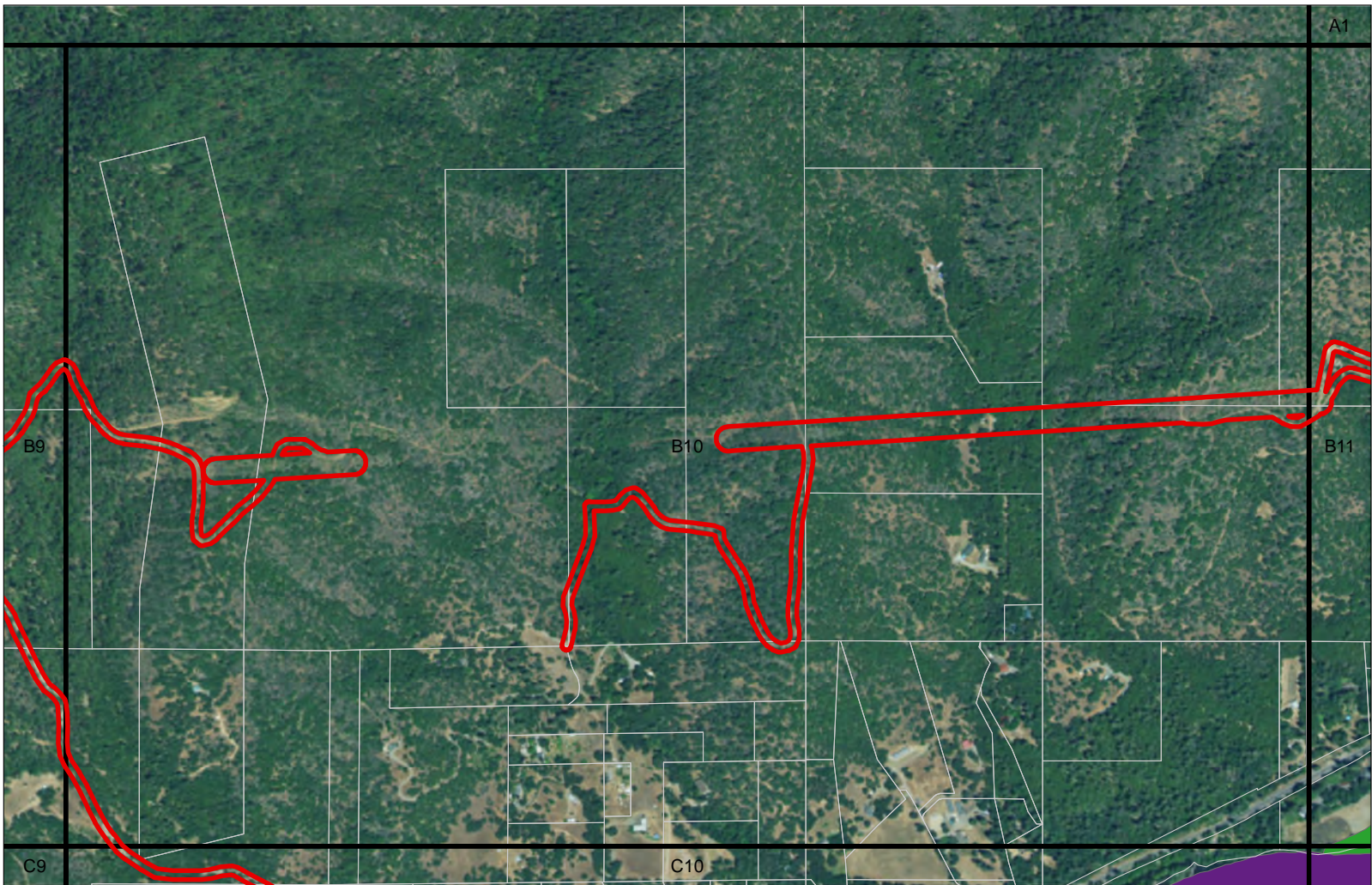
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Jackson and Josephine, OR

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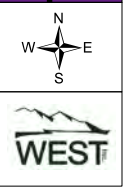


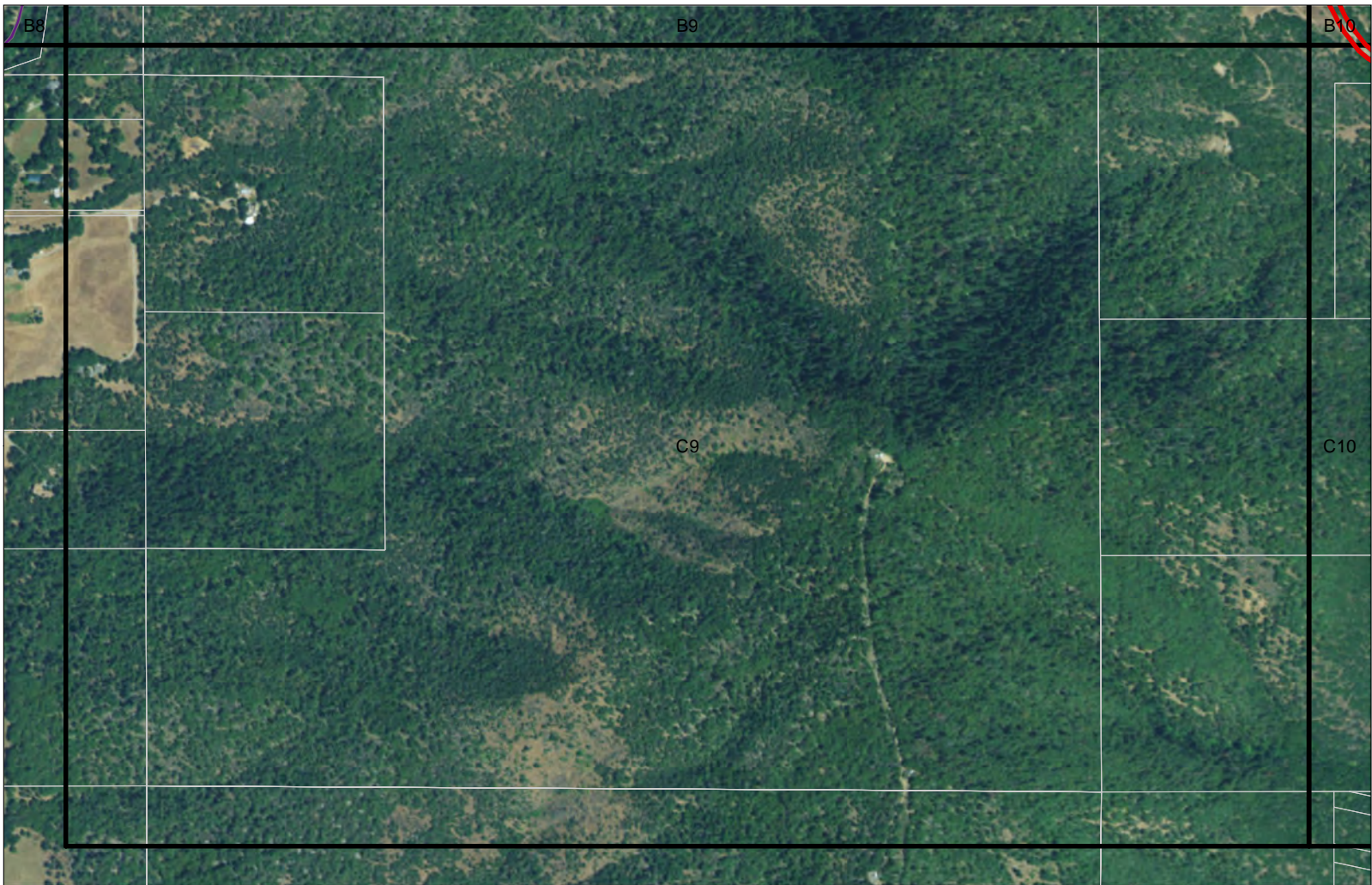
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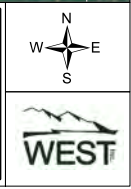


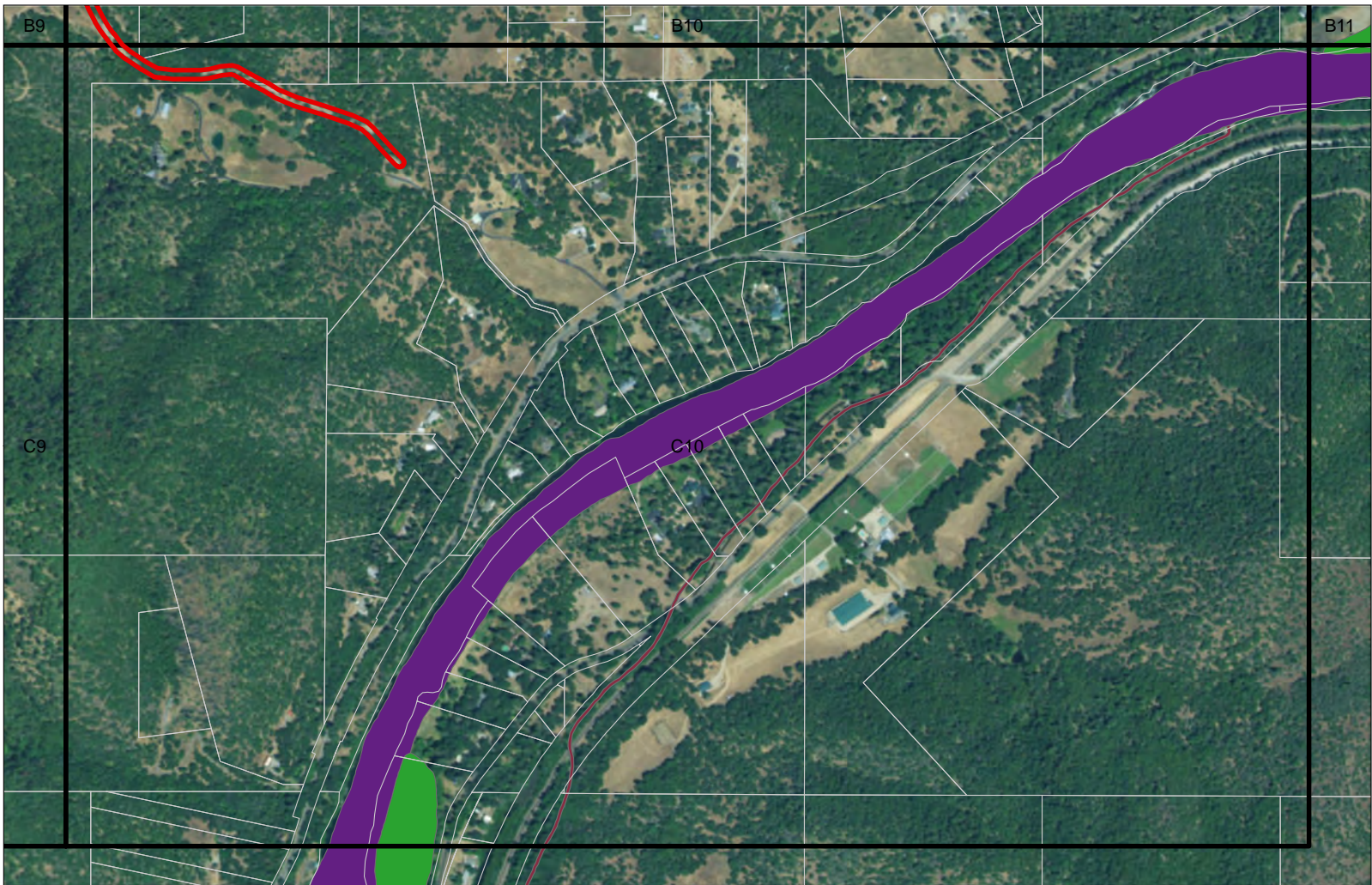
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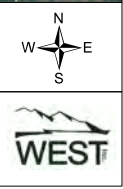


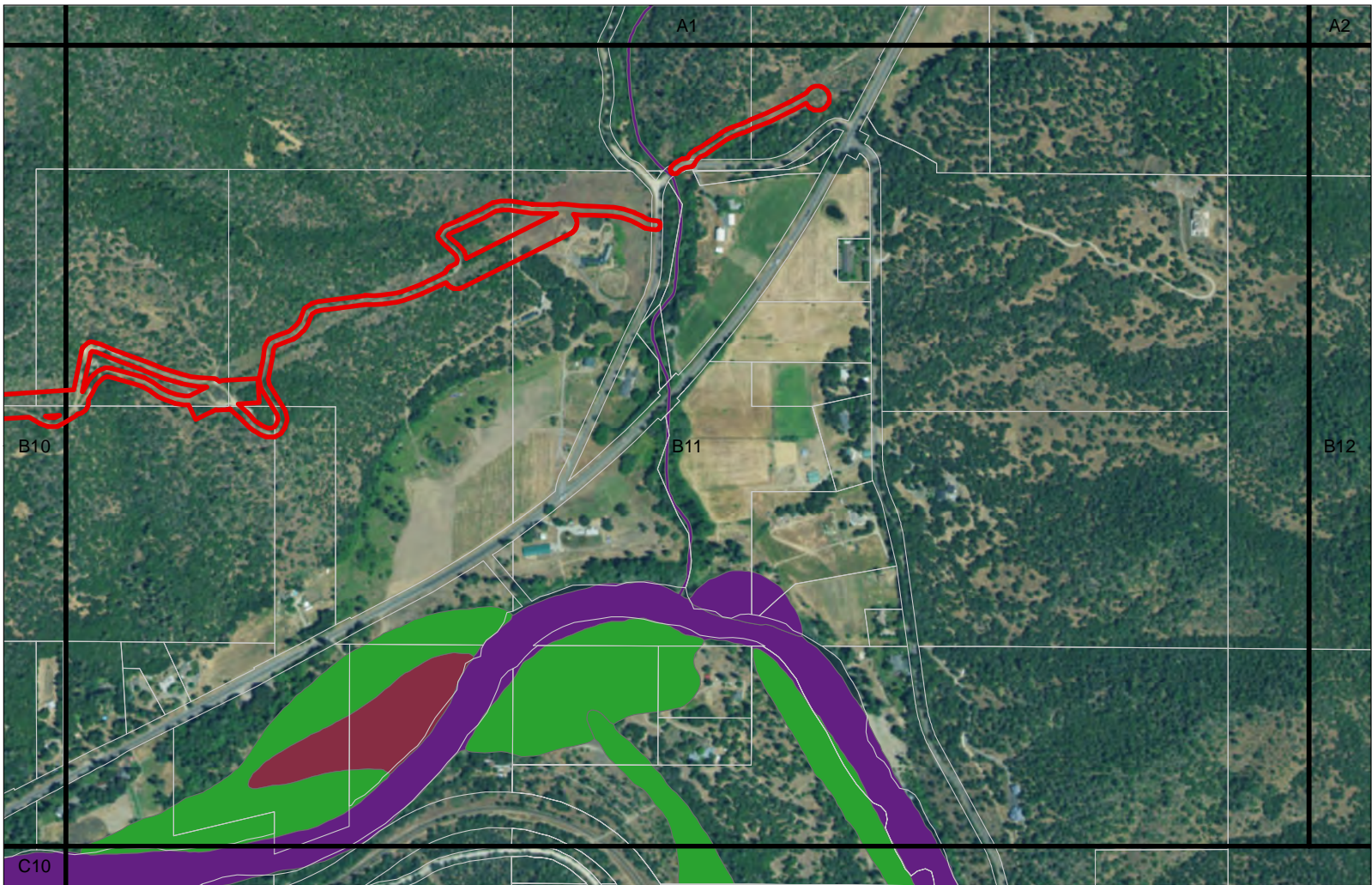


Sam's Valley Project
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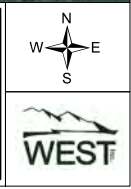
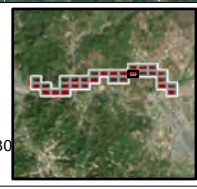


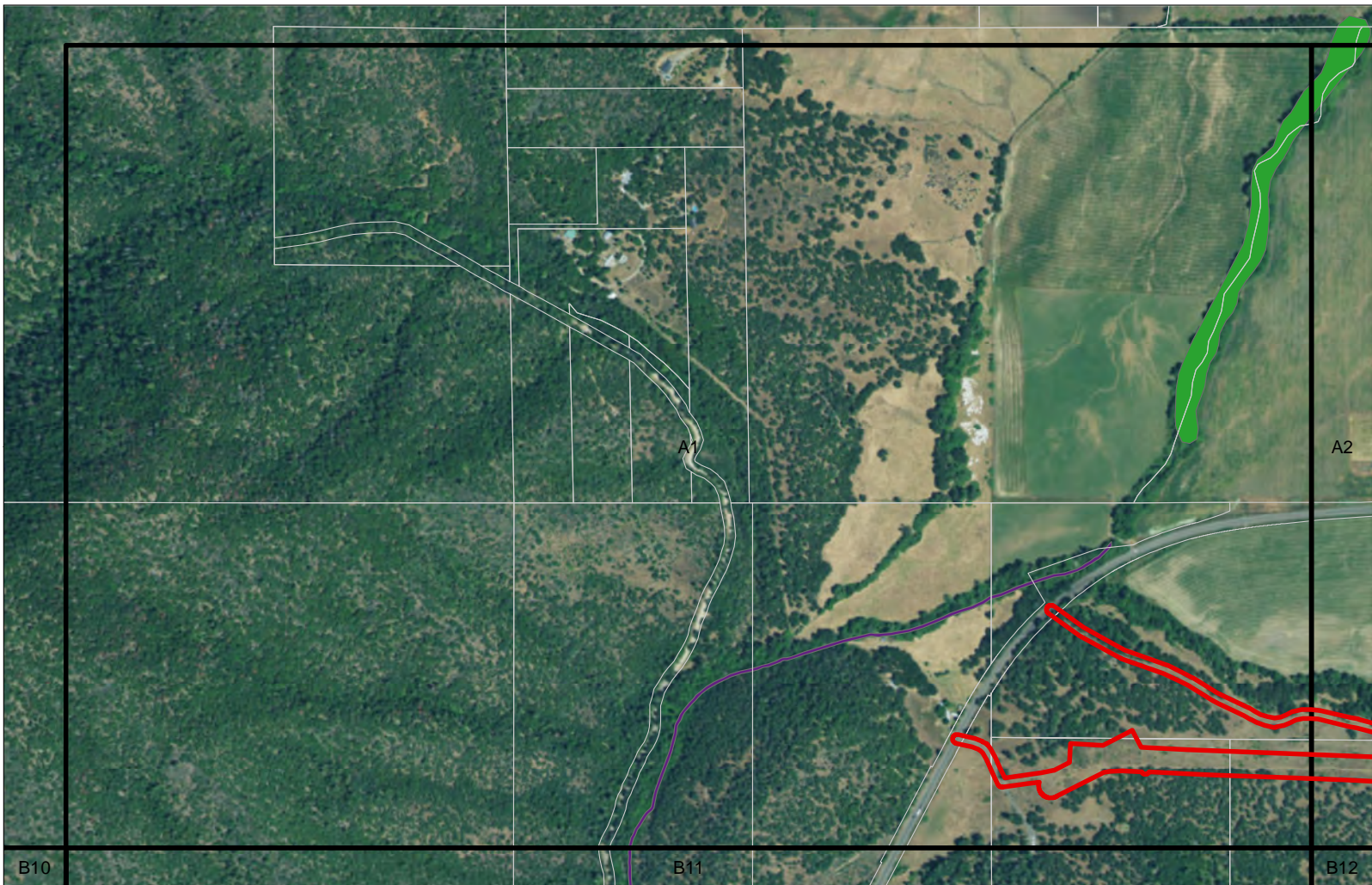


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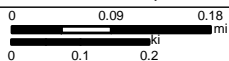
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Sam's Valley Project
Jackson and Josephine, OR
Data Source: World Imagery
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Study Area



Tax Lots

NWI Wetland Type



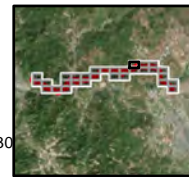
Freshwater Emergent Wetland



Freshwater Forested/Shrub Wetland



Riverine

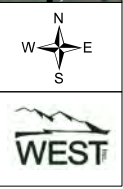


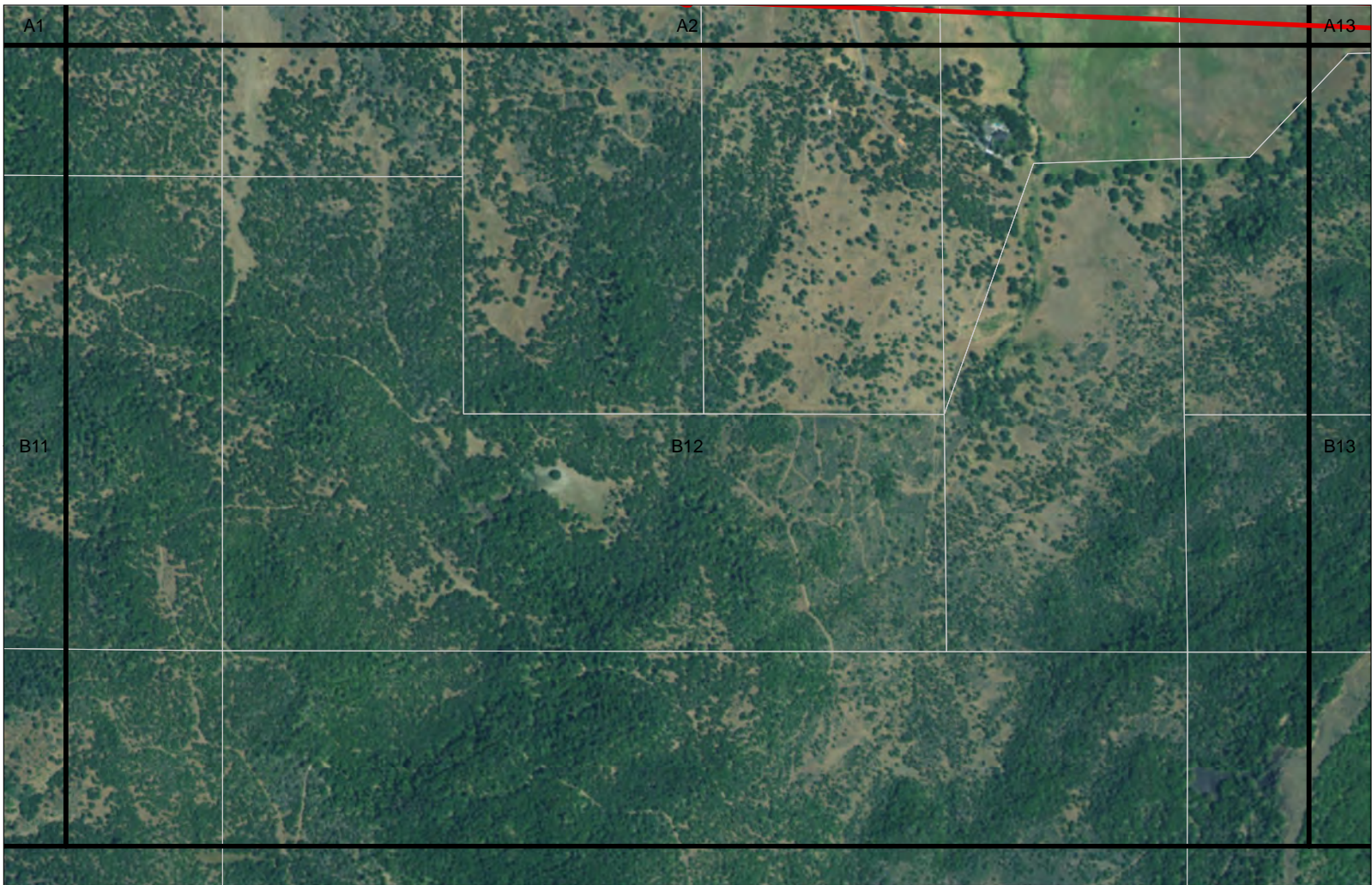


Sam's Valley Project
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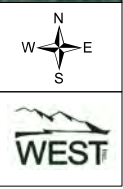


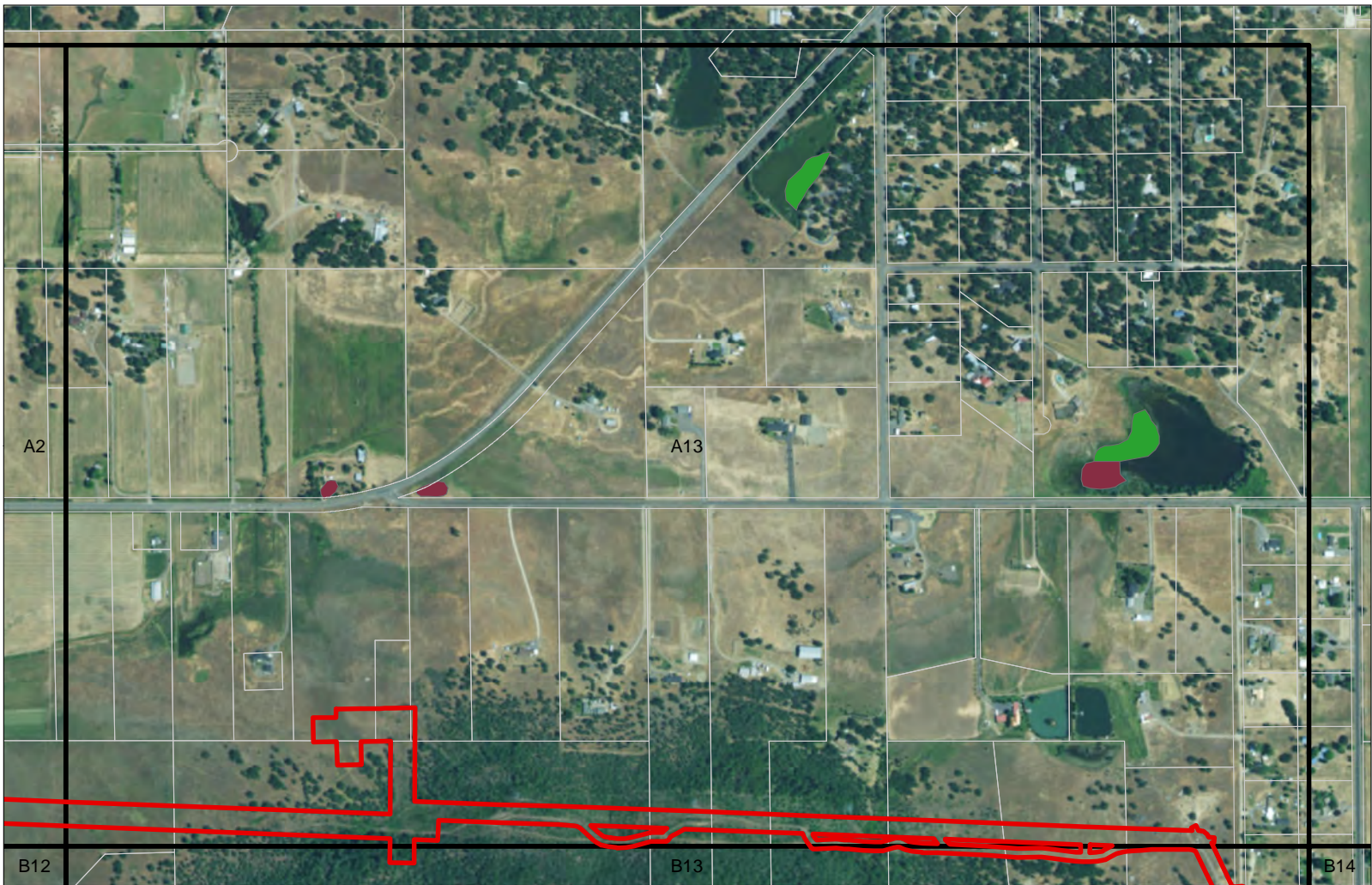


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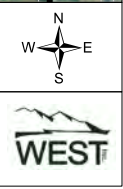


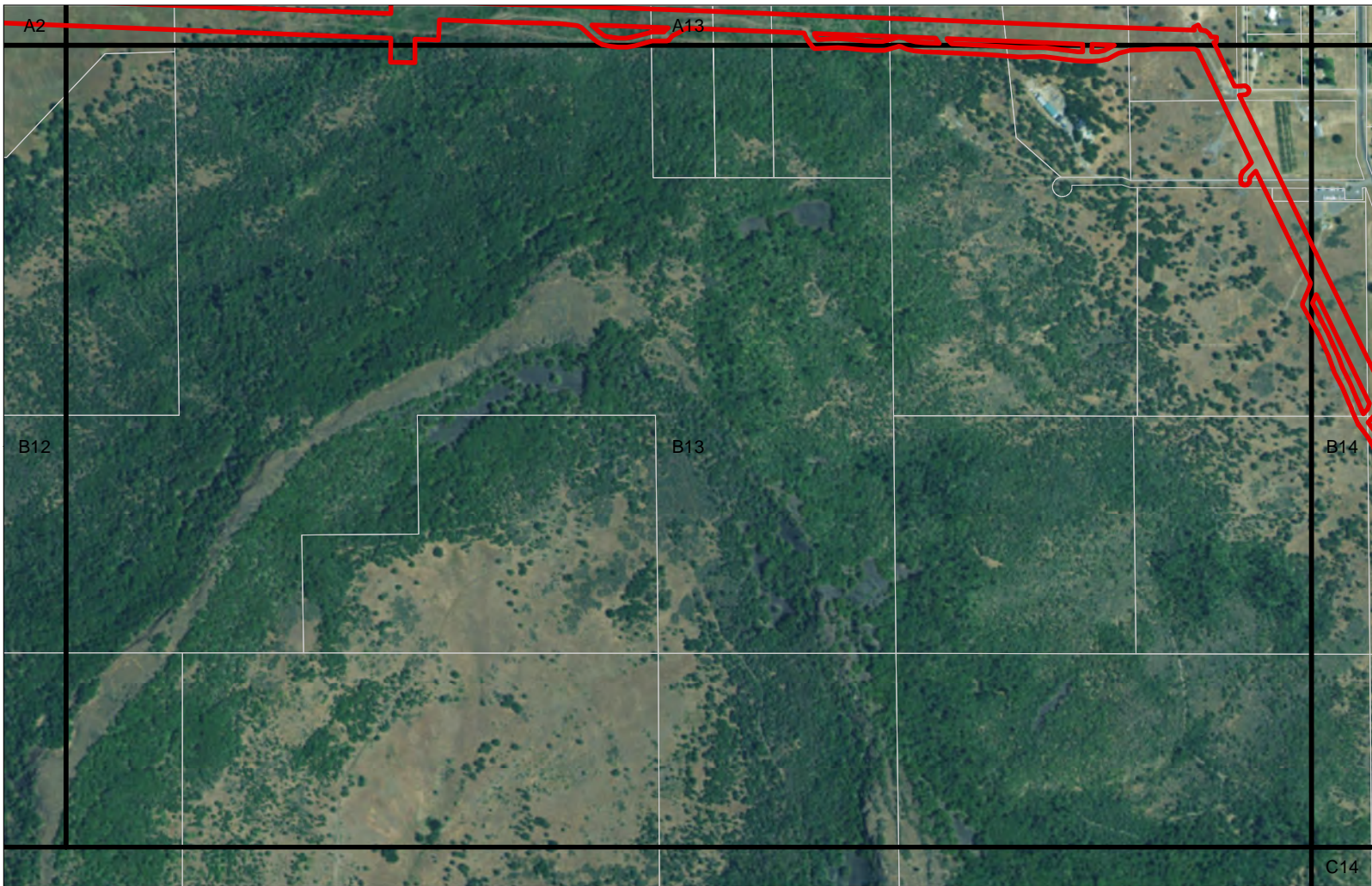


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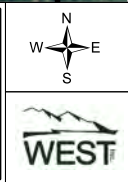
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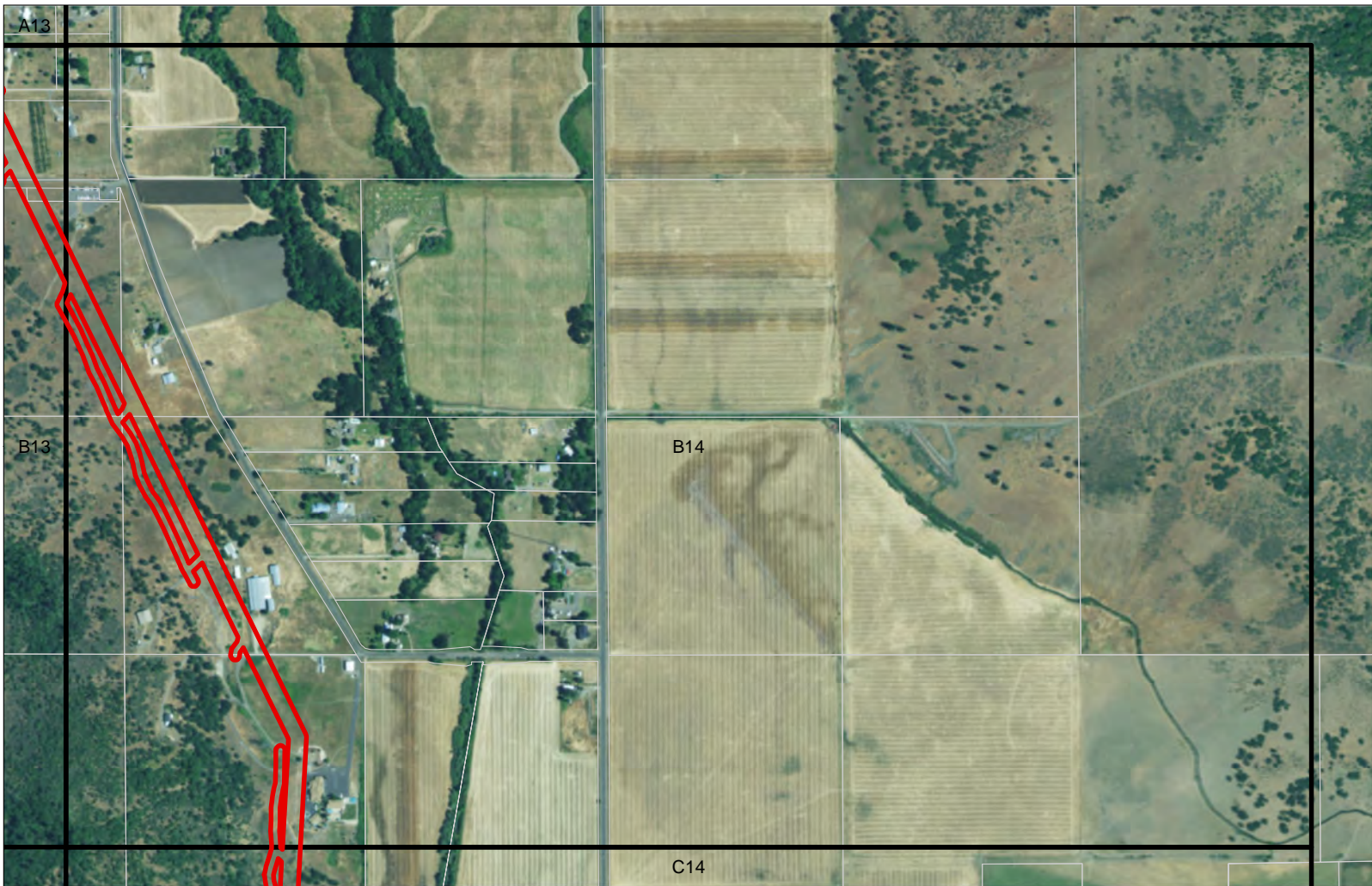
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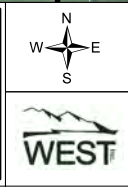
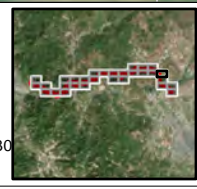


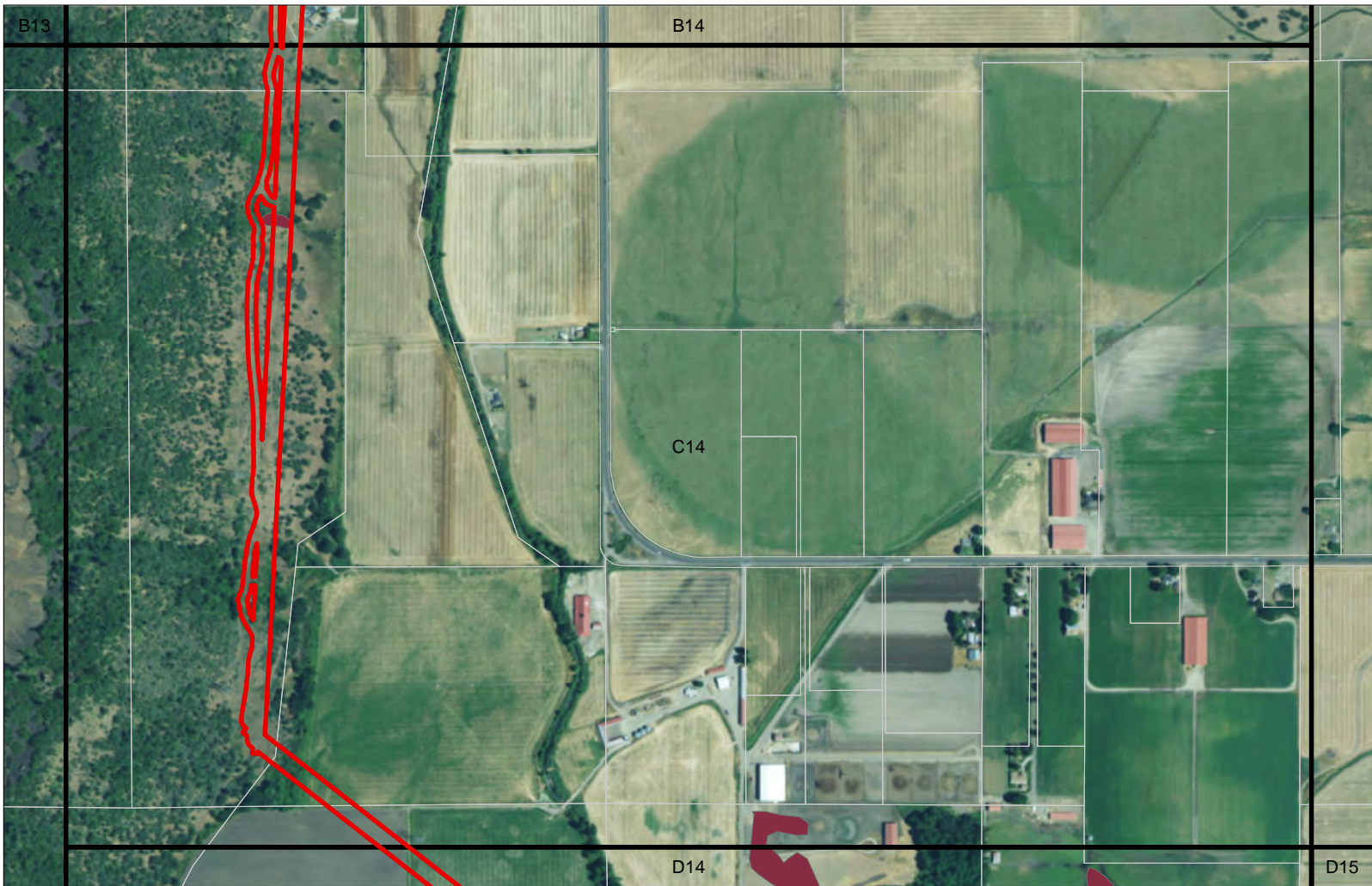


Sam's Valley Project
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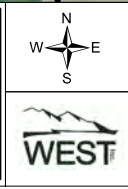


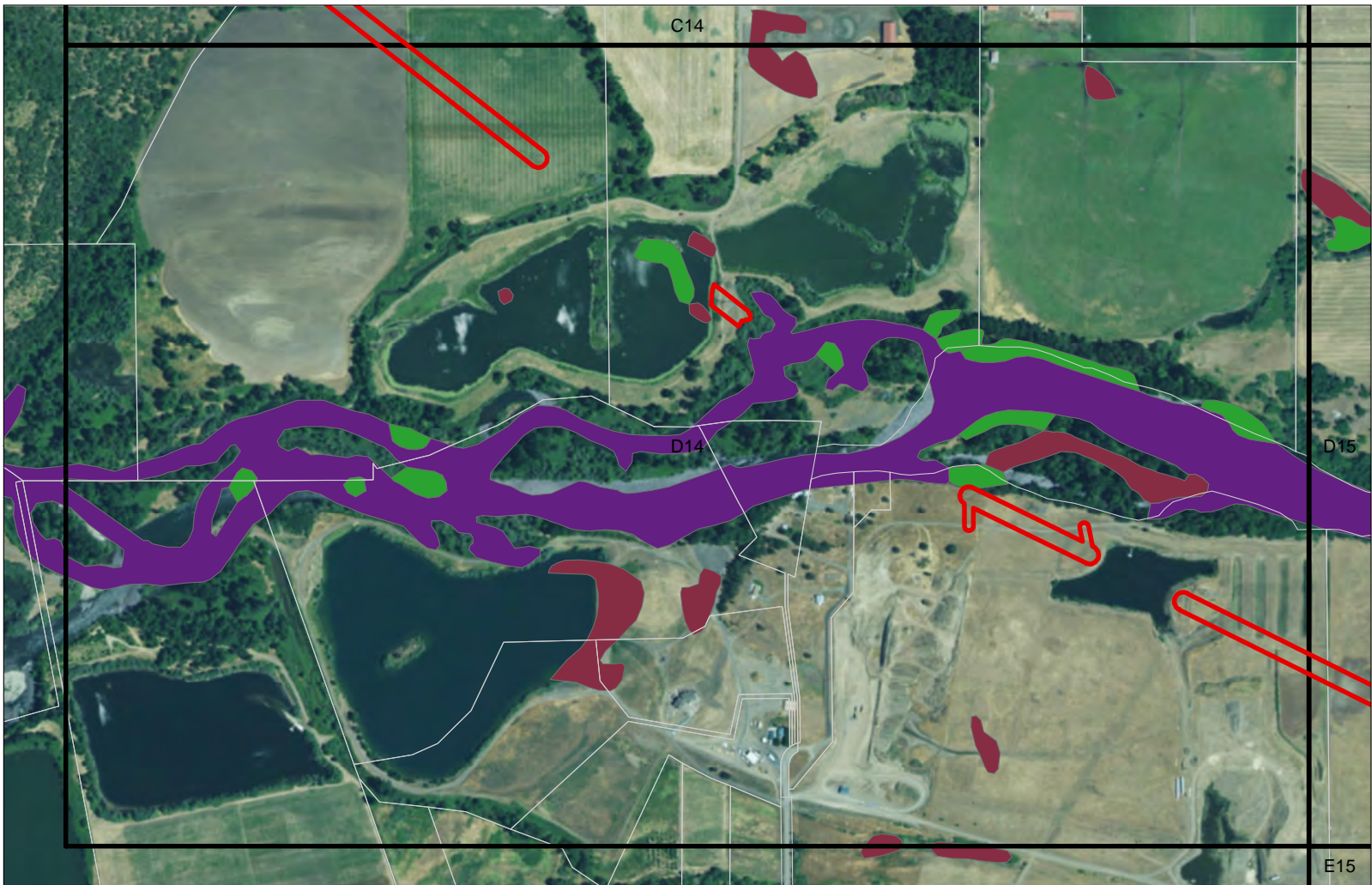
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 Page 27 of 30

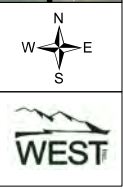


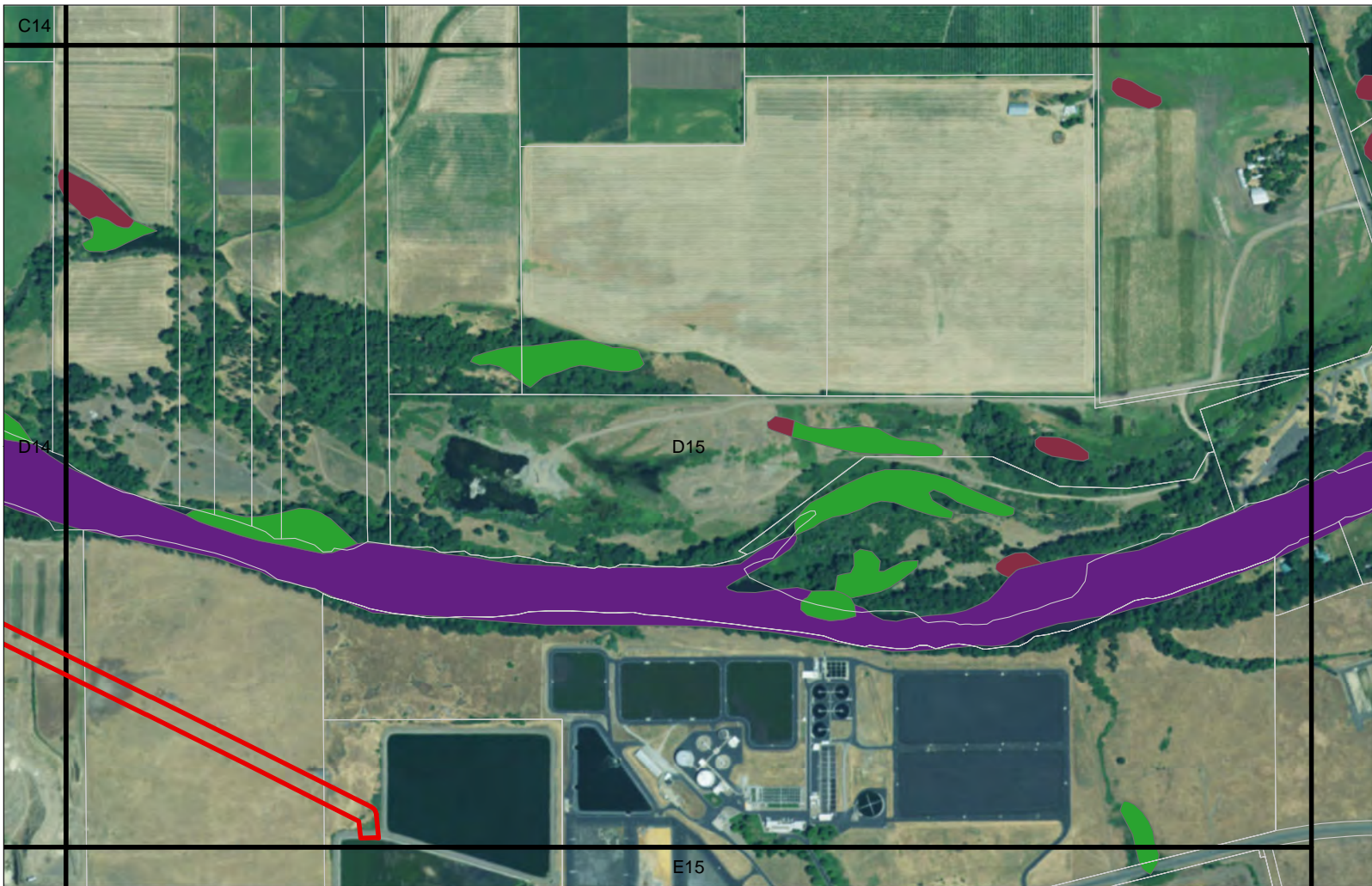


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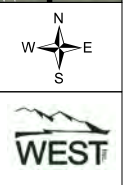




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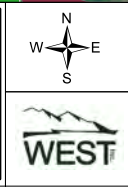


Sam's Valley Project
Jackson and Josephine, OR

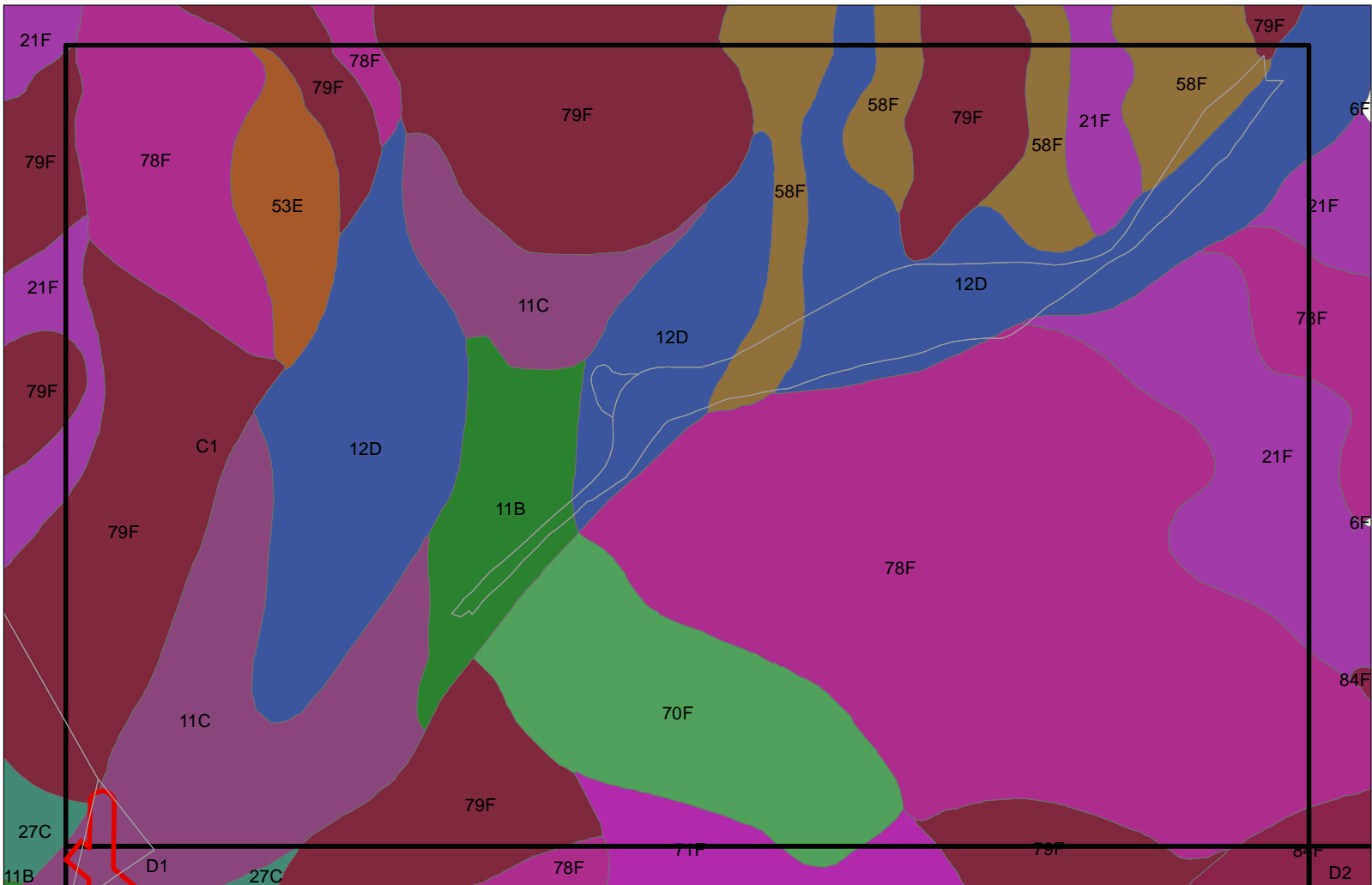
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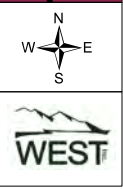
Appendix I. Figures Depicting Locations of Soil Survey

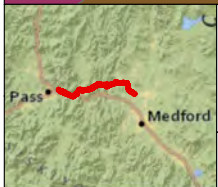
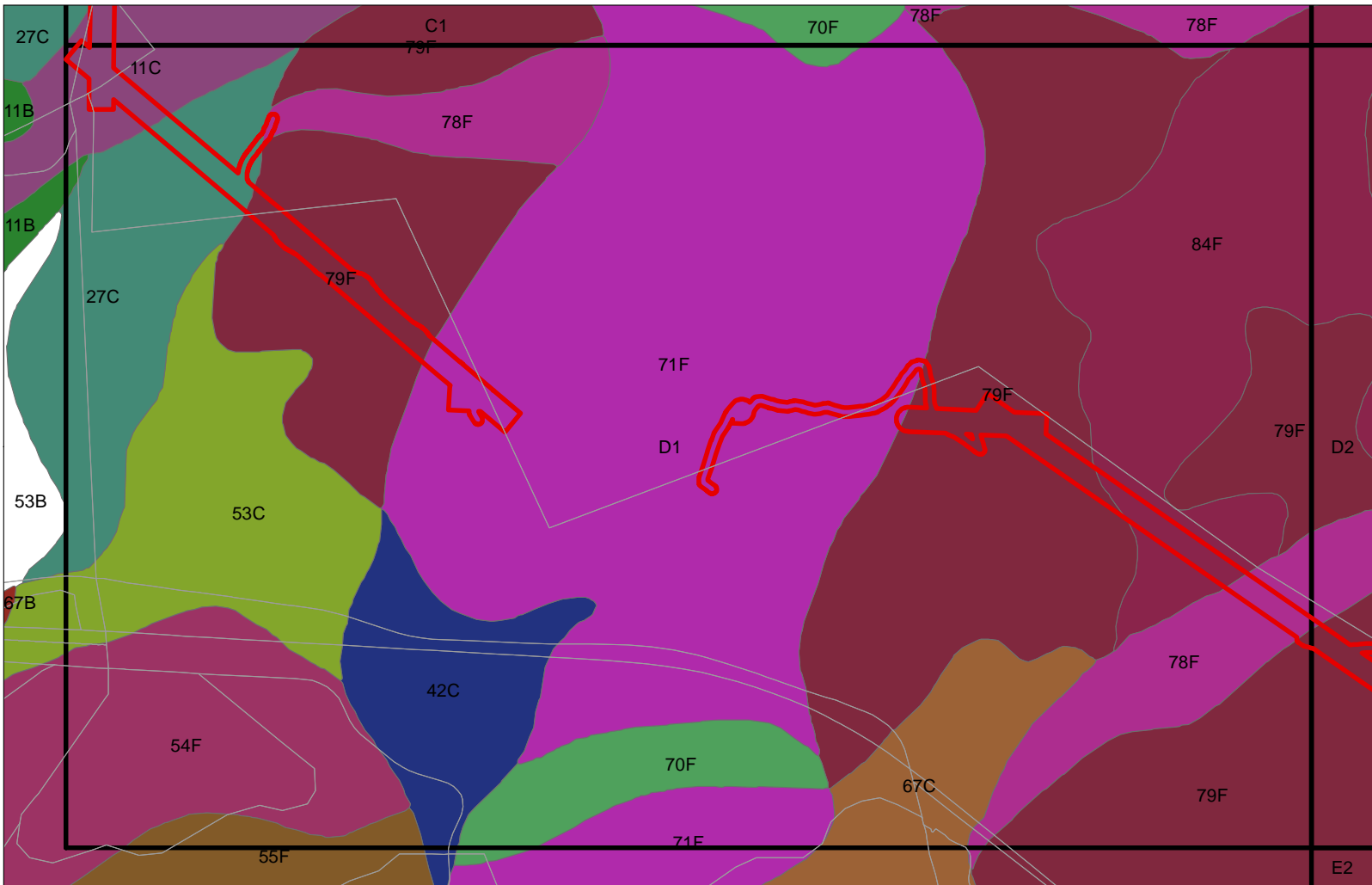


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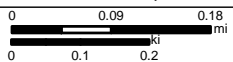
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Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	11G	154	187A	1C	27D	44C	79E	14	53E	77E
100A	127A	157B	188G	208C	28D	50E	91E	15	54F	78F
102B	128B	158B	189G	21A	28E	55A	92F	16	55F	79F
102D	133A	158D	195E	22A	2A	61A	97A	21F	58F	83
108D	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
108E	146	163A	196E	25G	31A	71F	W	27D	67B	W
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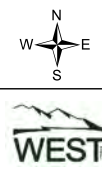


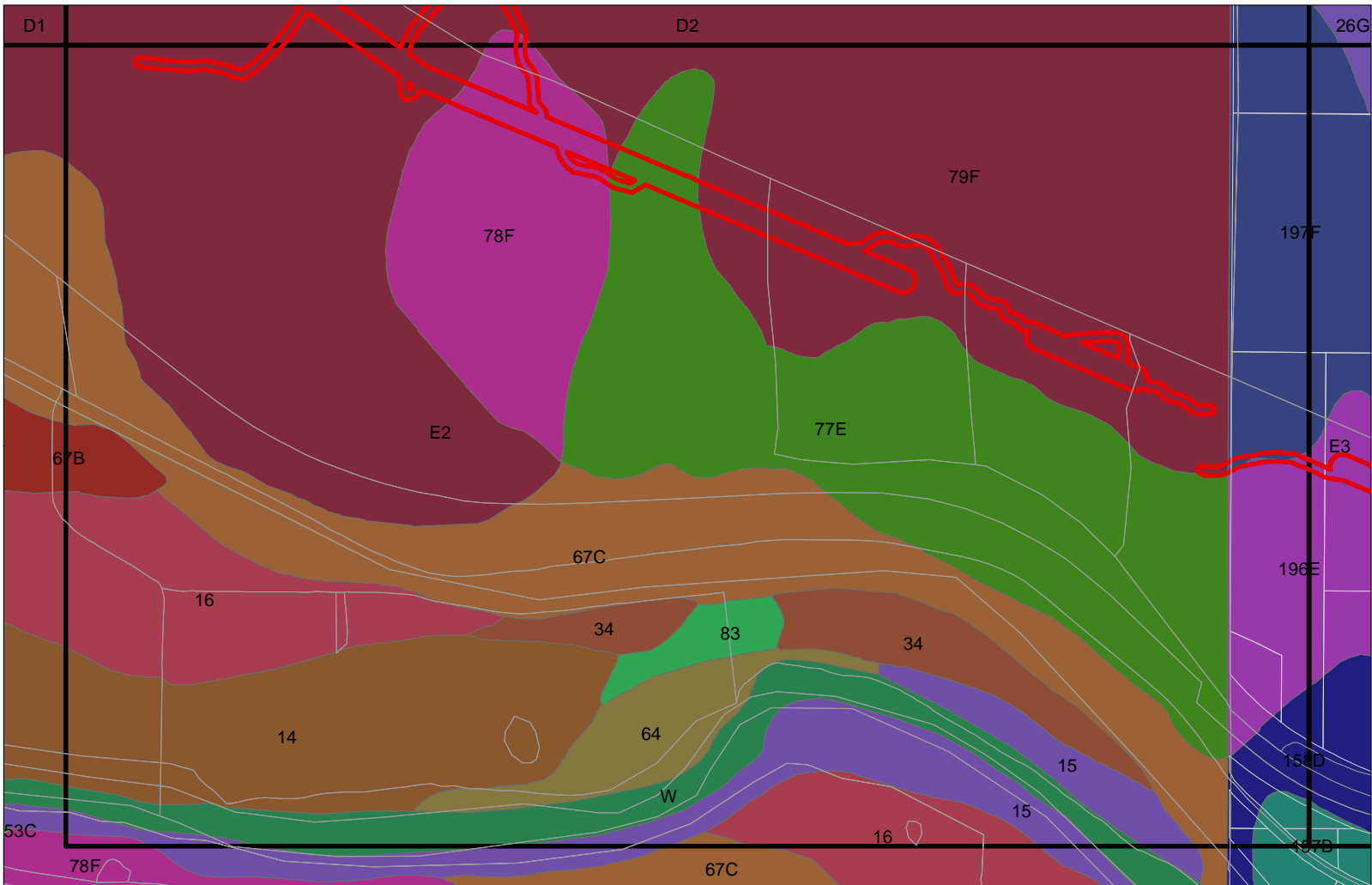
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113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
11G	154	187A	1C	27D	44C	79E	14	53E	77E
127A	157B	188G	208C	28D	50E	91E	15	54F	78F
102B	128B	158B	189G	21A	28E	55A	92F	16	55F
102D	133A	158D	195E	22A	2A	61A	97A	21F	58F
108D	140G	162D	195F	23A	30E	6B	98A	27C	64
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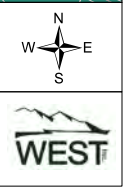


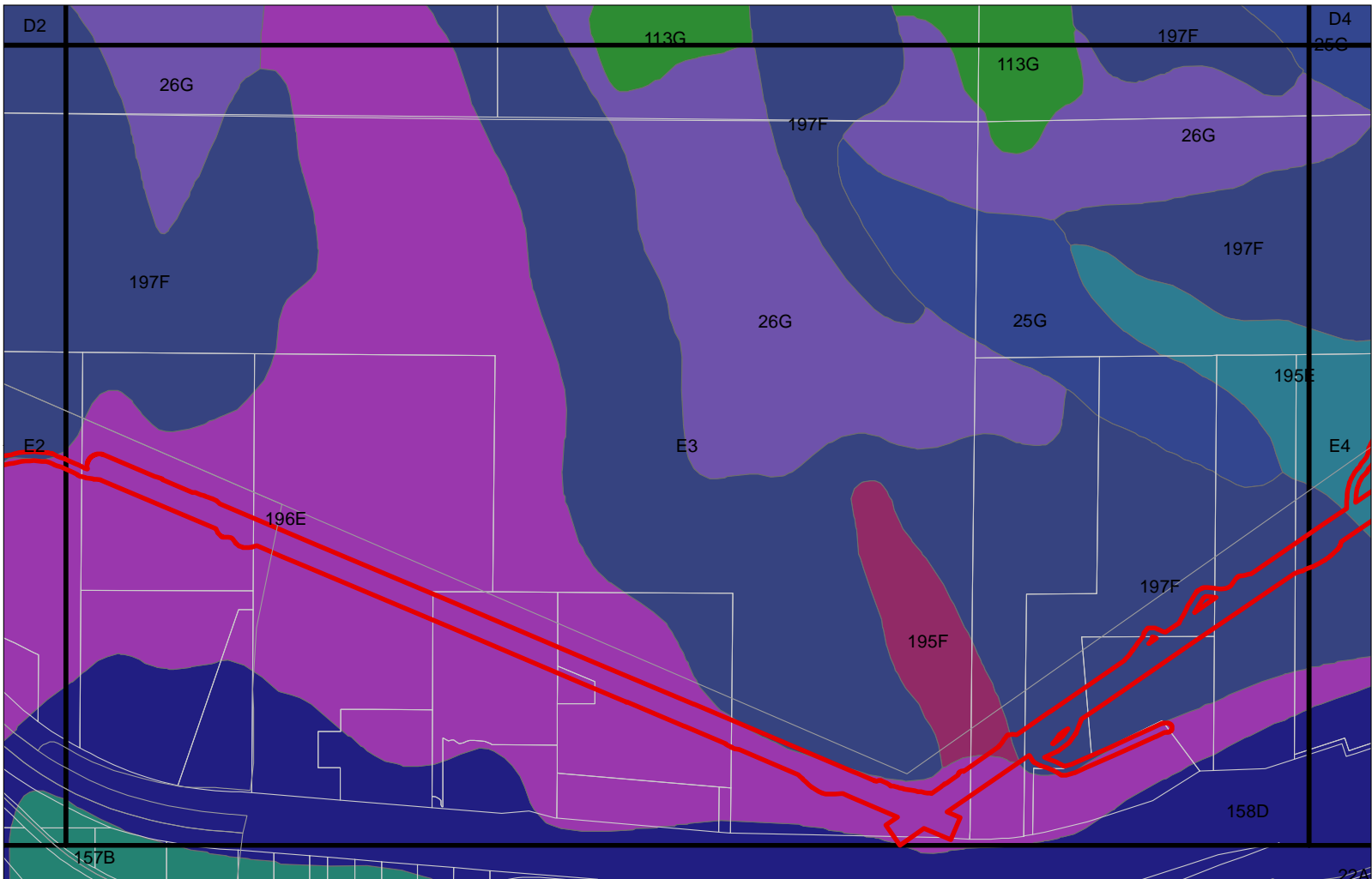


Sam's Valley Project
Jackson and Josphine, OR
 Data Source: World Imagery
 Coordinate System: NAD 83 UTM Zone 10
 Date: 12/27/2017
 Author: Troy Rintz

0 0.09 0.18
 0 0.1 0.2
 mi
 km

Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	11G	154	187A	10C	27D	44C	79E	14	53E	77E
	100A	127A	157B	188G	208C	28D	50E	15	54F	78F
	102B	128B	158B	189G	21A	28E	55A	92F	16	55F
	102D	133A	158D	195E	22A	2A	61A	97A	21F	58F
	108D	140G	162D	195F	23A	30E	6B	98A	27C	64
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							11B	34	67C	





Sam's Valley Project
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0 0.09 0.18
0 0.1 0.2
mi
ki

Study Area

Tax Lots

Soil Survey

108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
11G	154	187A	1C	27D	44C	79E	14	53E	77E
100A	127A	157B	188G	208C	28D	50E	91E	54F	78F
102B	128B	158B	189G	21A	28E	55A	92F	55F	79F
102D	133A	158D	195E	22A	2A	61A	97A	21F	83
108D	140G	162D	195F	23A	30E	6B	98A	27C	64
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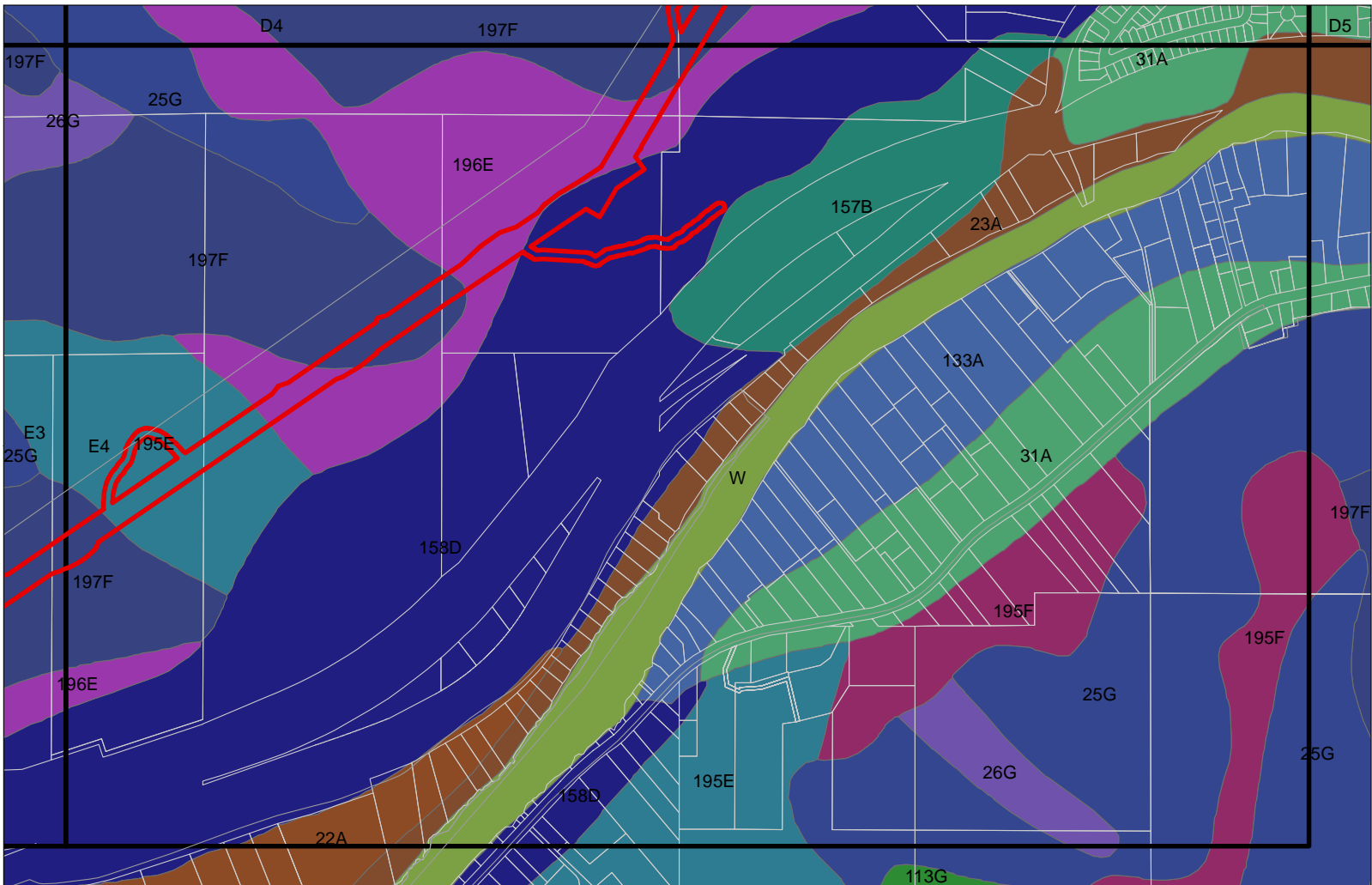
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Pass*

Medford

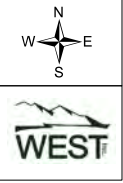
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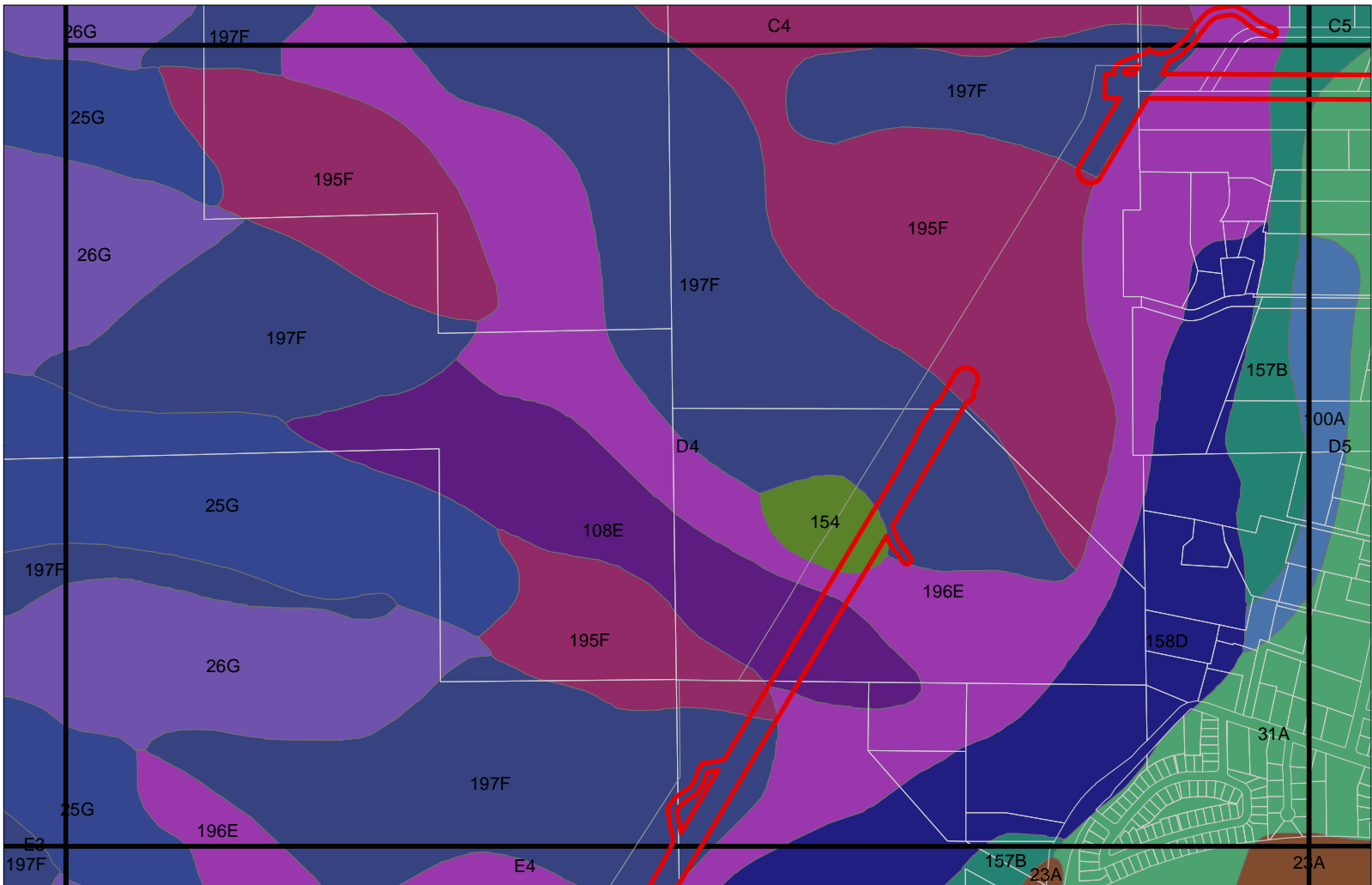


Sam's Valley Project
Jackson and Josephine, OR
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0 0.09 0.18
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 mi

Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
Soil Survey	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
100A	127A	157B	188G	208C	27D	44C	79E	14	53E	77E
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102D	133A	158D	195E	22A	2A	61A	97A	21F	58F	83
108D	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
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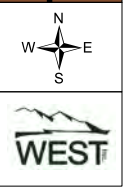


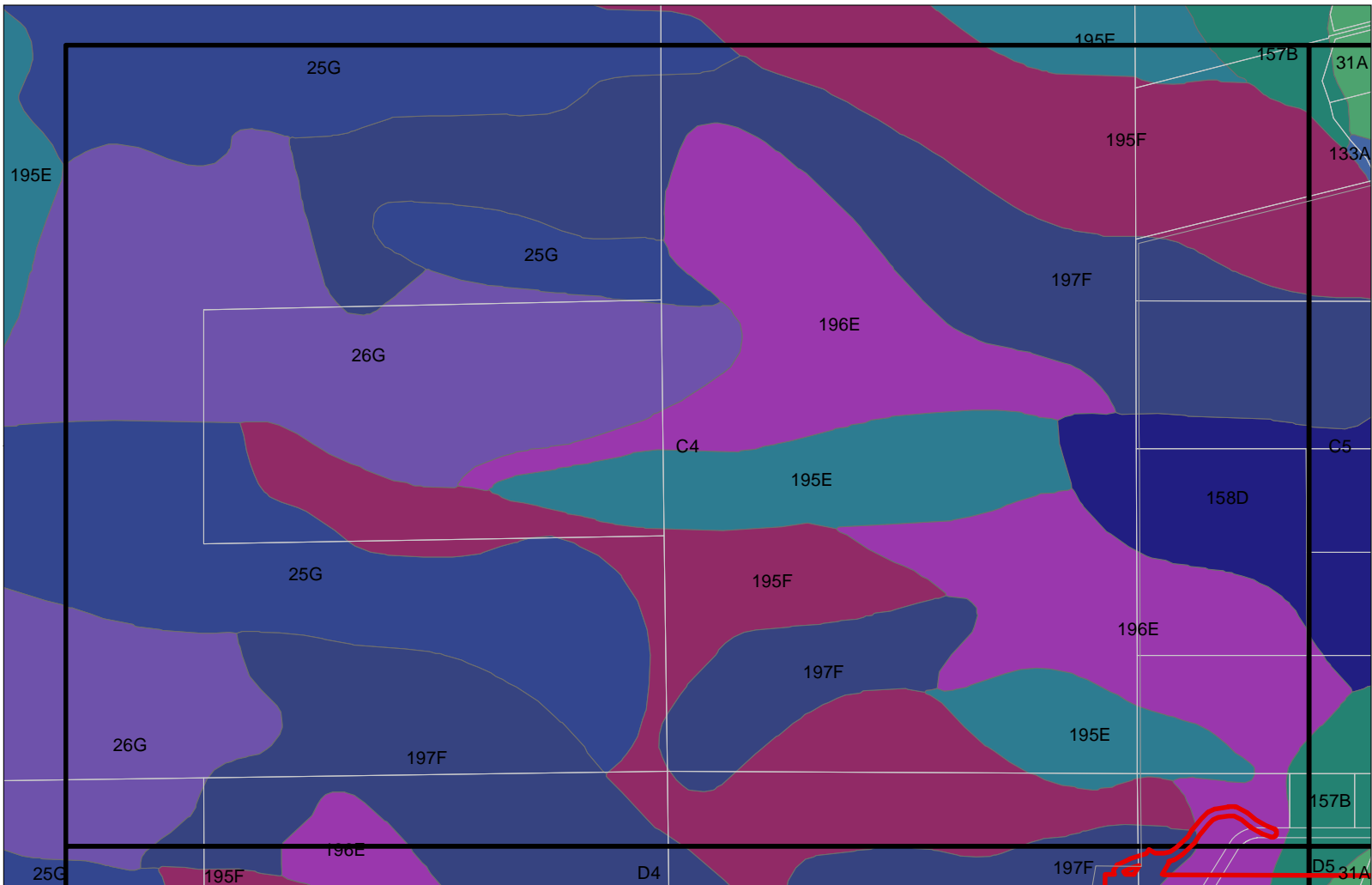


Sam's Valley Project
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0 0.09 0.18 mi
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Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	11G	154	187A	188G	208C	28D	50E	91E	14	53E
	100A	127A	157B	188G	208C	28D	50E	91E	15	54F
	102B	128B	158B	189G	21A	28E	55A	92F	16	55F
	102D	133A	158D	195F	22A	2A	61A	97A	21F	58F
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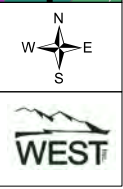


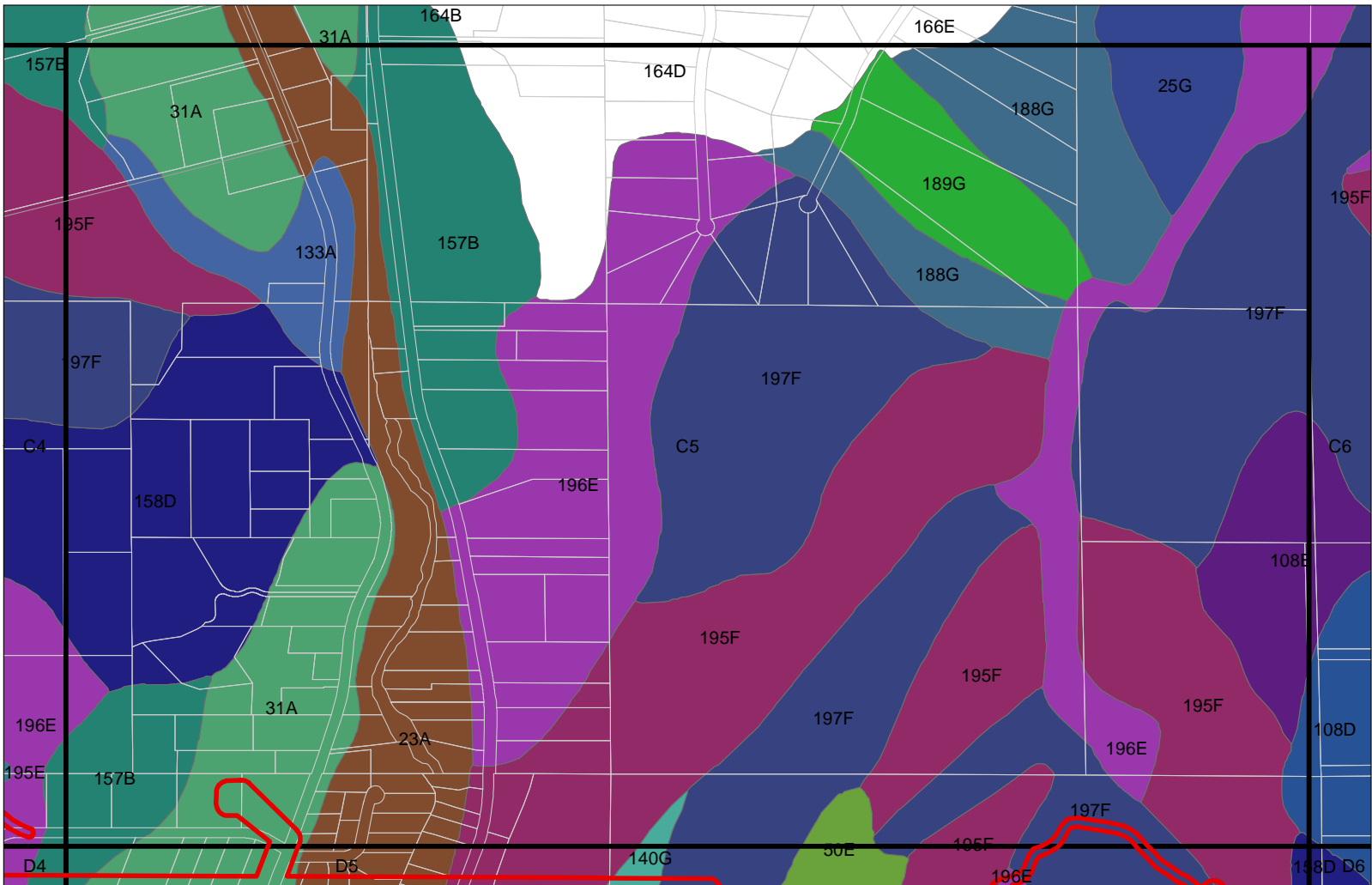


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0 0.09 0.18
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 mi

	Study Area		108F		151C		179F		197F		26G		33A		76A		11C		42C		70F
	Tax Lots		113G		152B		186H		198A		27B		35A		78F		12D		53C		71F
	Soil Survey		100A		127A		157B		188G		208C		28D		50E		91E		14		54F
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			102D		133A		158D		195E		22A		2A		61A		97A		21F		58F
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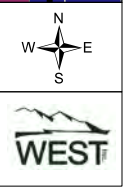


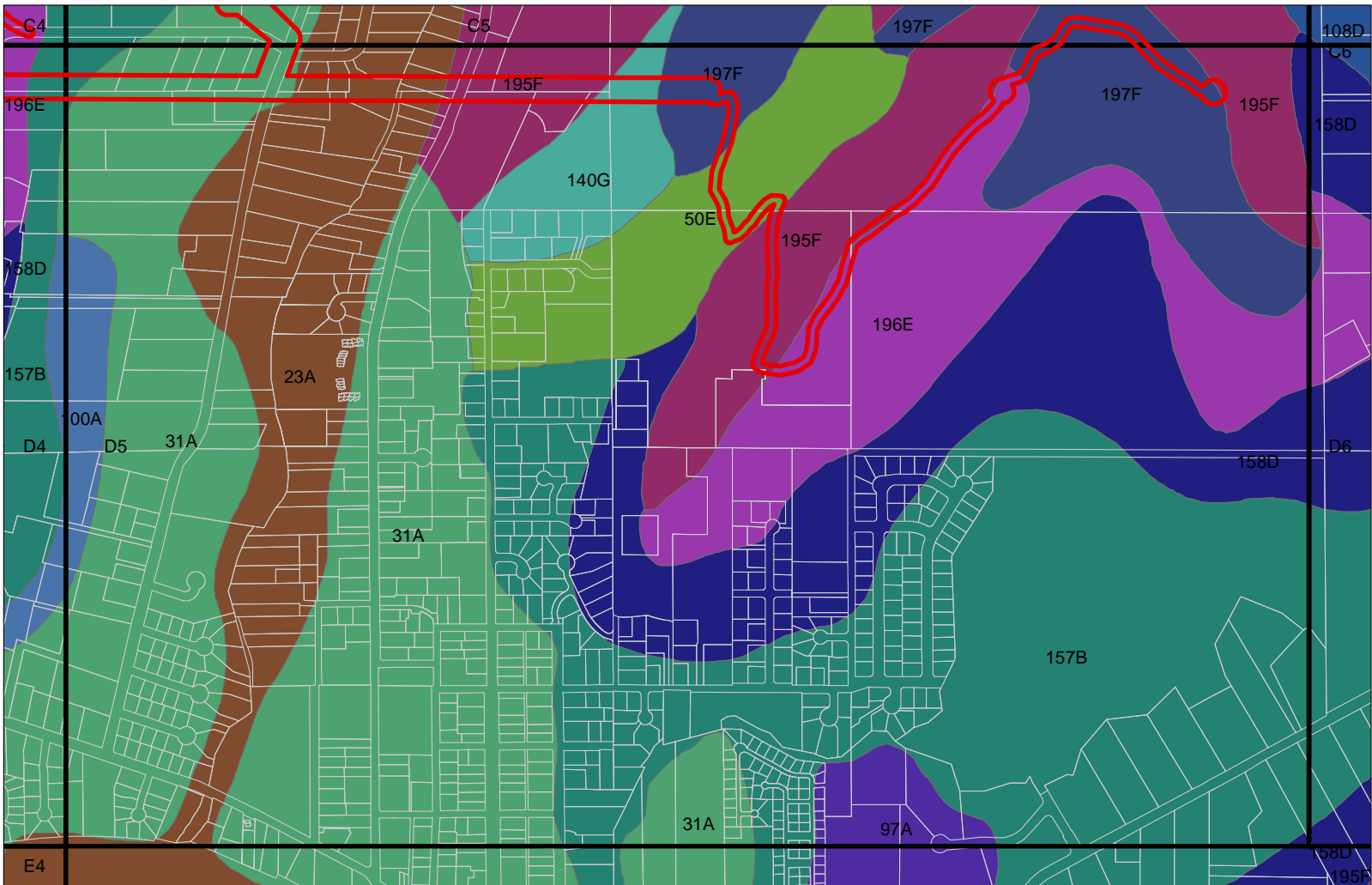


Sam's Valley Project
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	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
	100A	111G	154	187A	10C	27D	44C	14	53E	77E
	127A	157B	188G	208C	28D	50E	91E	15	54F	78F
	128B	158B	189G	21A	28E	55A	92F	16	55F	79F
	133A	158D	195E	22A	2A	61A	97A	21F	58F	83
	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
	146	163A	196E	25G	31A	71F	W	27D	67B	W
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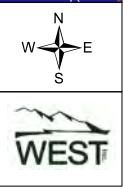


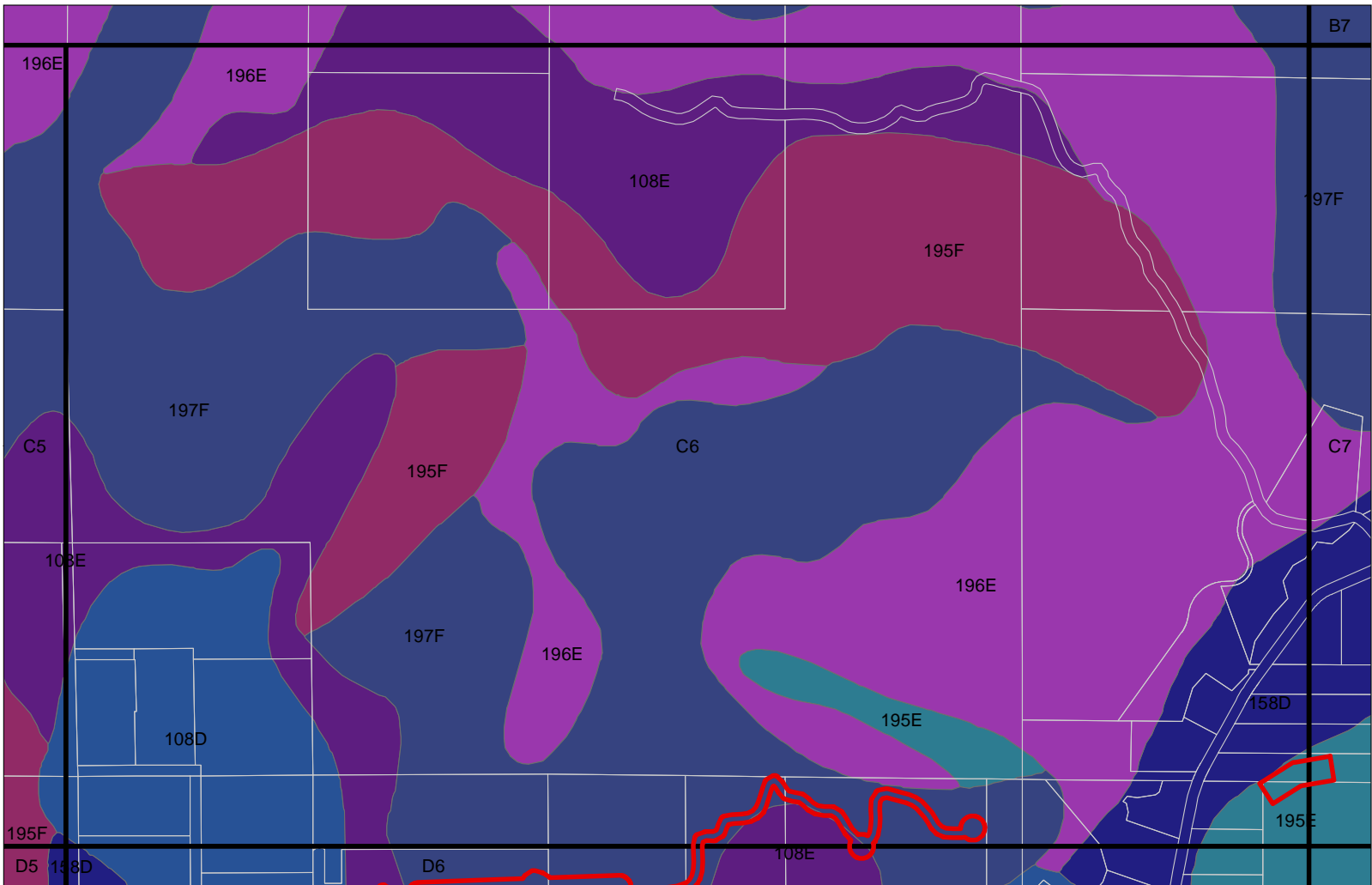


Sam's Valley Project
Jackson and Josphine, OR
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Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
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102B	128B	158B	189G	21A	28E	55A	92F	16	55F	79F
102D	133A	158D	195F	22A	2A	61A	97A	21F	58F	83
108D	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
108E	146	163A	196E	25G	31A	71F	W	27D	67B	W
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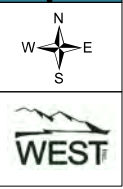


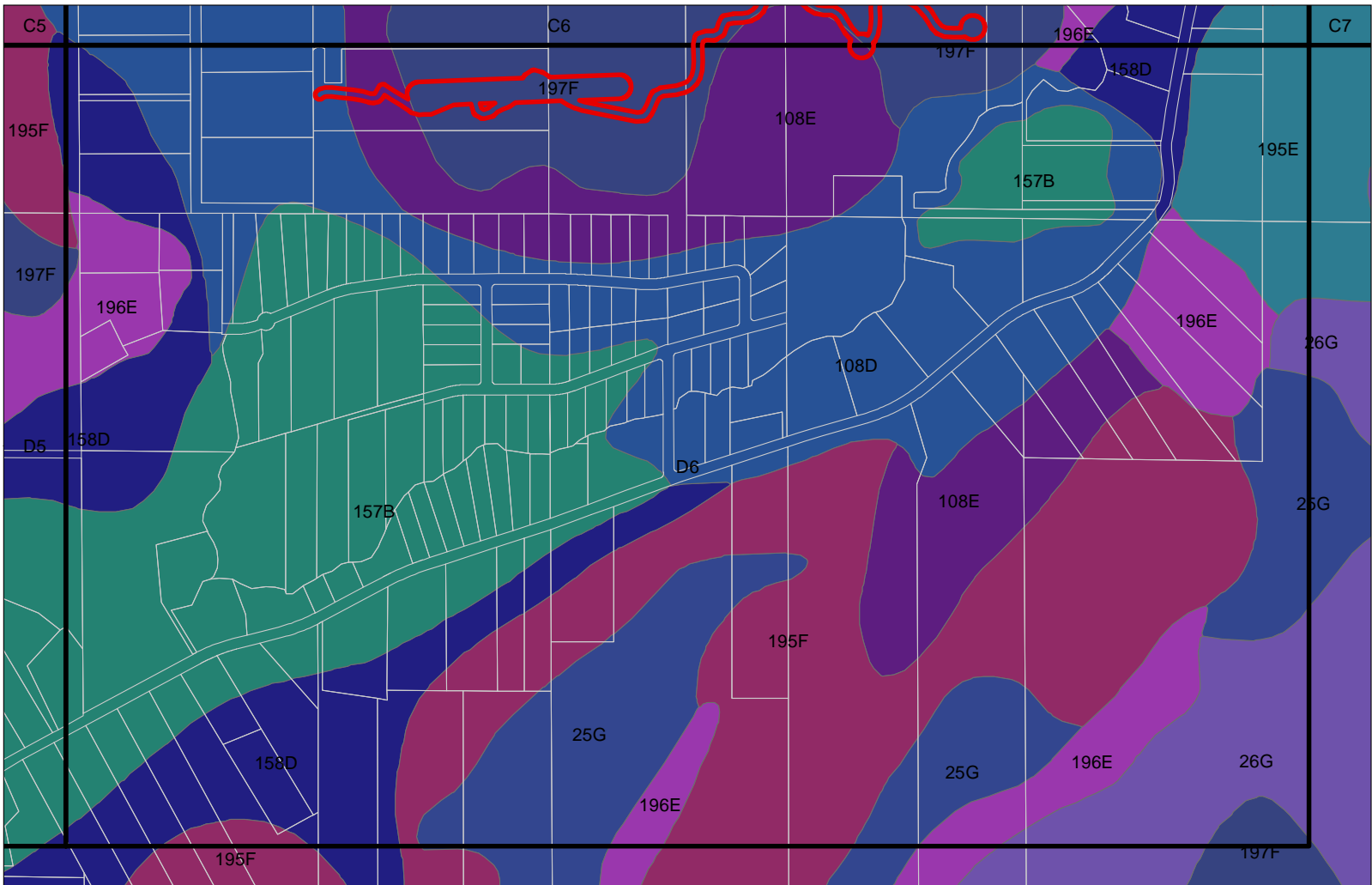


Sam's Valley Project
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Data Source: World Imagery
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0 0.09 0.18
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	Study Area		108F		151C		179F		197F		26G		33A		76A		11C		42C		70F
	113G		152B		186H		198A		27B		35A		78F		12D		53C		71F		
	100A		127A		157B		188G		208C		28D		50E		91E		14		53E		78F
	102B		128B		158B		189G		21A		28E		55A		92F		15		54F		78F
	102D		133A		158D		195E		22A		2A		61A		97A		21F		58F		83
	108D		140G		162D		195F		23A		30E		6B		98A		27C		64		84F
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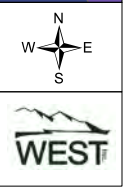


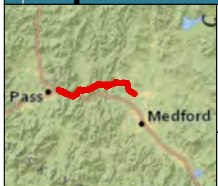
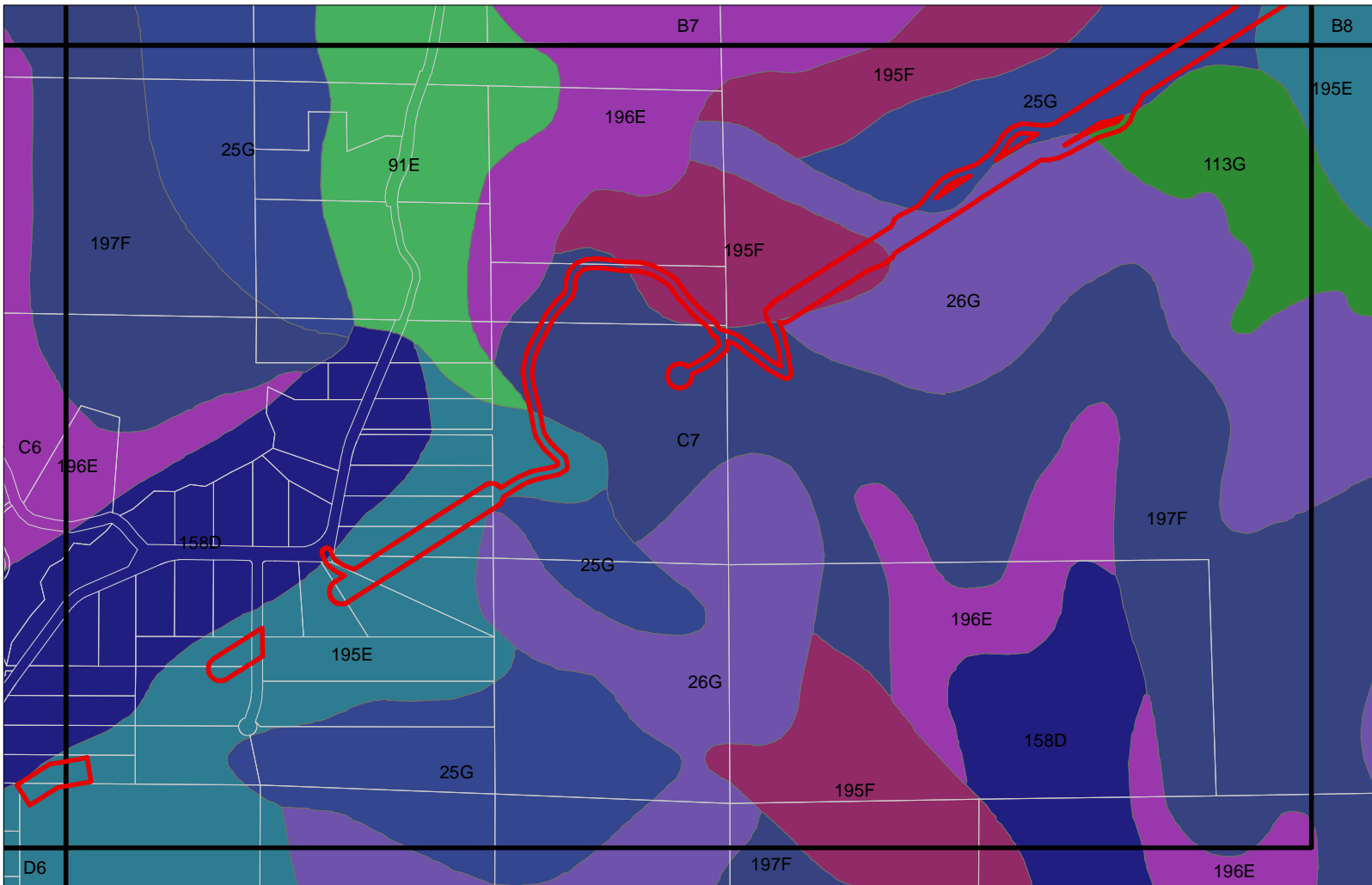


Sam's Valley Project
Jackson and Josphine, OR
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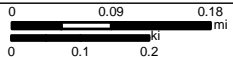
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Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	100A	111G	154	187A	197F	27D	44C	79E	14	53E
	102B	127A	157B	188G	208C	28D	50E	91E	15	54F
	102D	128B	158B	189G	21A	28E	55A	92F	16	55F
	108D	133A	158D	195E	22A	2A	61A	97A	21F	58F
	108E	140G	162D	195F	23A	30E	6B	98A	27C	64
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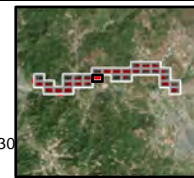


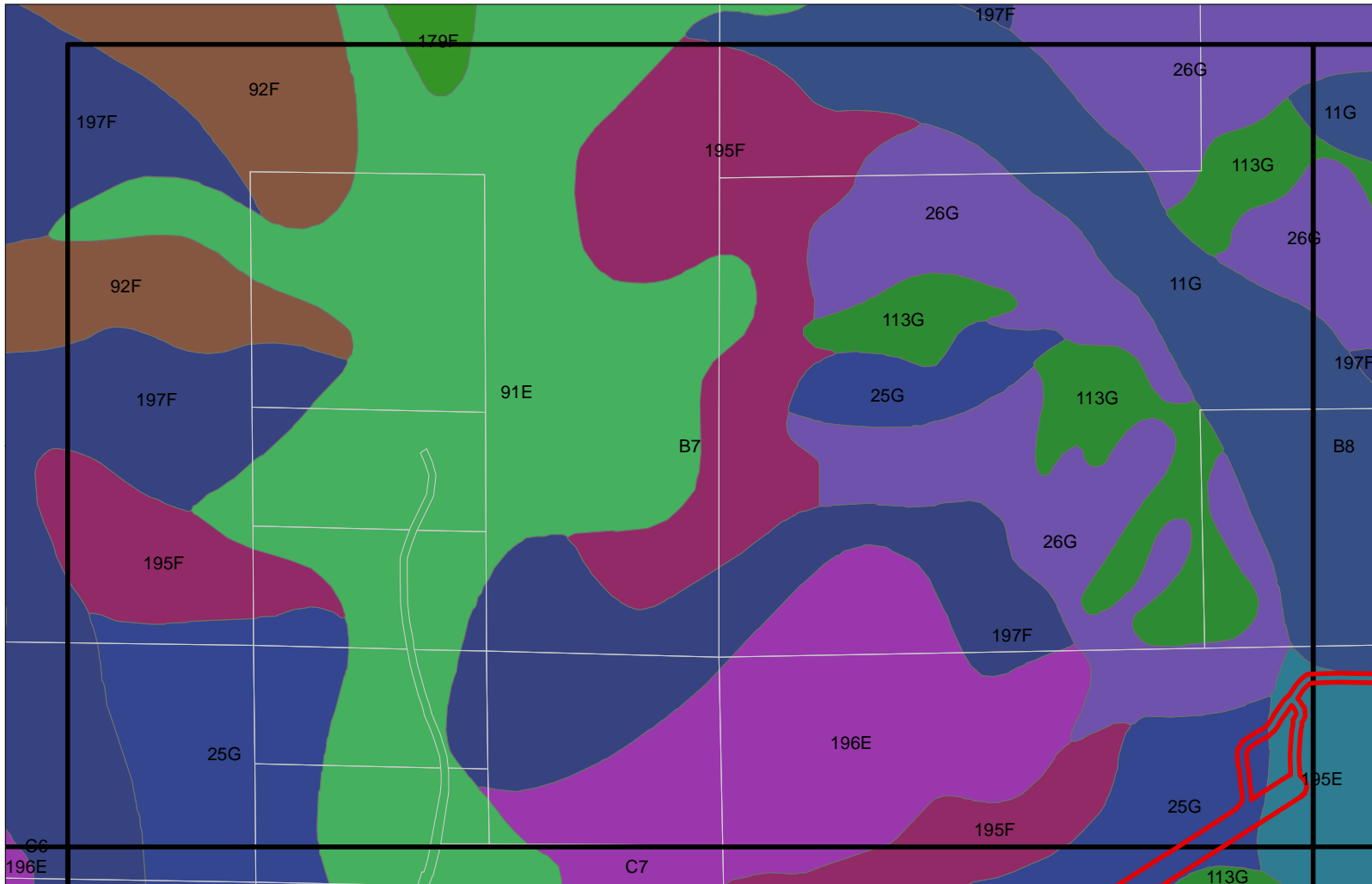
Sam's Valley Project
Jackson and Josphine, OR
 Data Source: World Imagery
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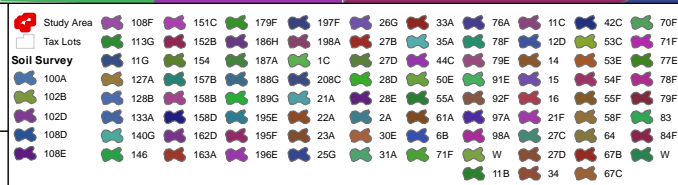
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113G	152B	186H	198A	27B	35A	78F	12D	53C	71F	
11G	154	187A	1C	27D	44C	79E	14	53E	77E	
100A	127A	157B	188G	208C	28D	50E	91E	54F	78F	
102B	128B	158B	189G	21A	28E	55A	92F	15	55F	79F
102D	133A	158D	195E	22A	2A	61A	97A	21F	58F	83
108D	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
108E	146	163A	196E	25G	31A	71F	W	27D	67B	W
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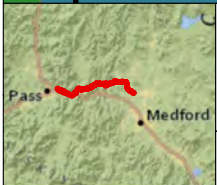
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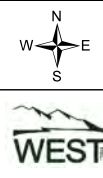
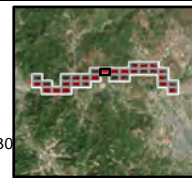
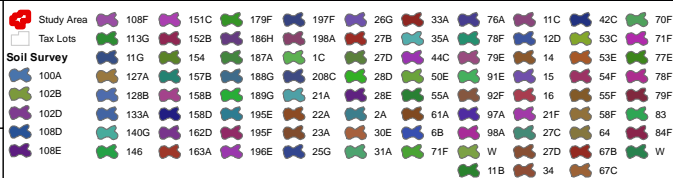
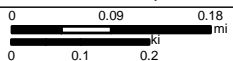


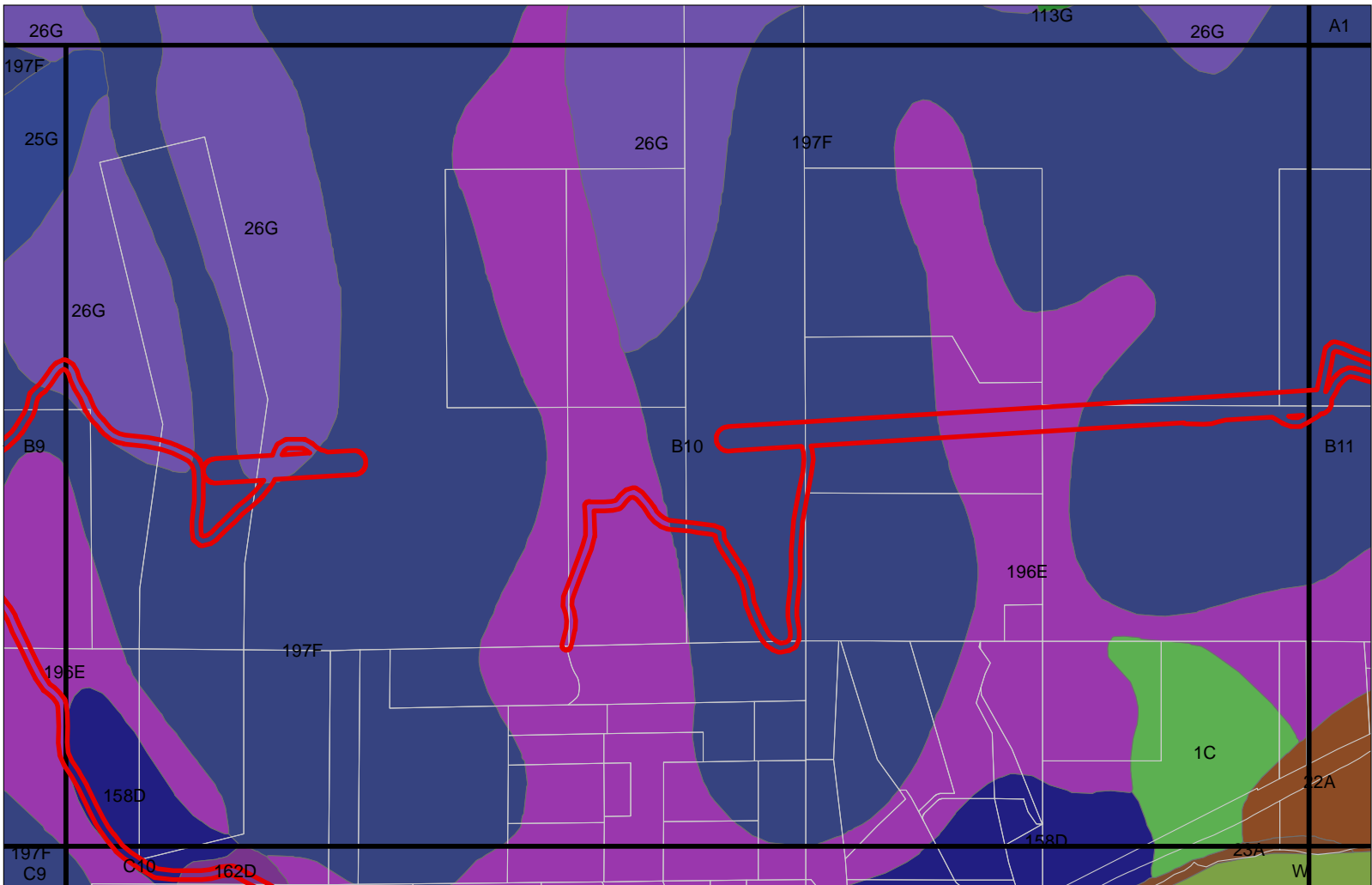
Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz
































































































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Coordinate System: NAD 83 UTM Zone 10
Date: 12/27/2017
Author: Troy Rintz





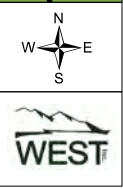
Sam's Valley Project
Jackson and Josephine, OR
 Data Source: World Imagery
 Coordinate System: NAD 83 UTM Zone 10
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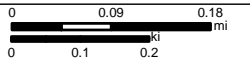
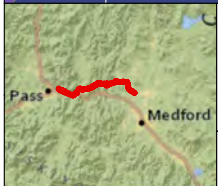
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 mi
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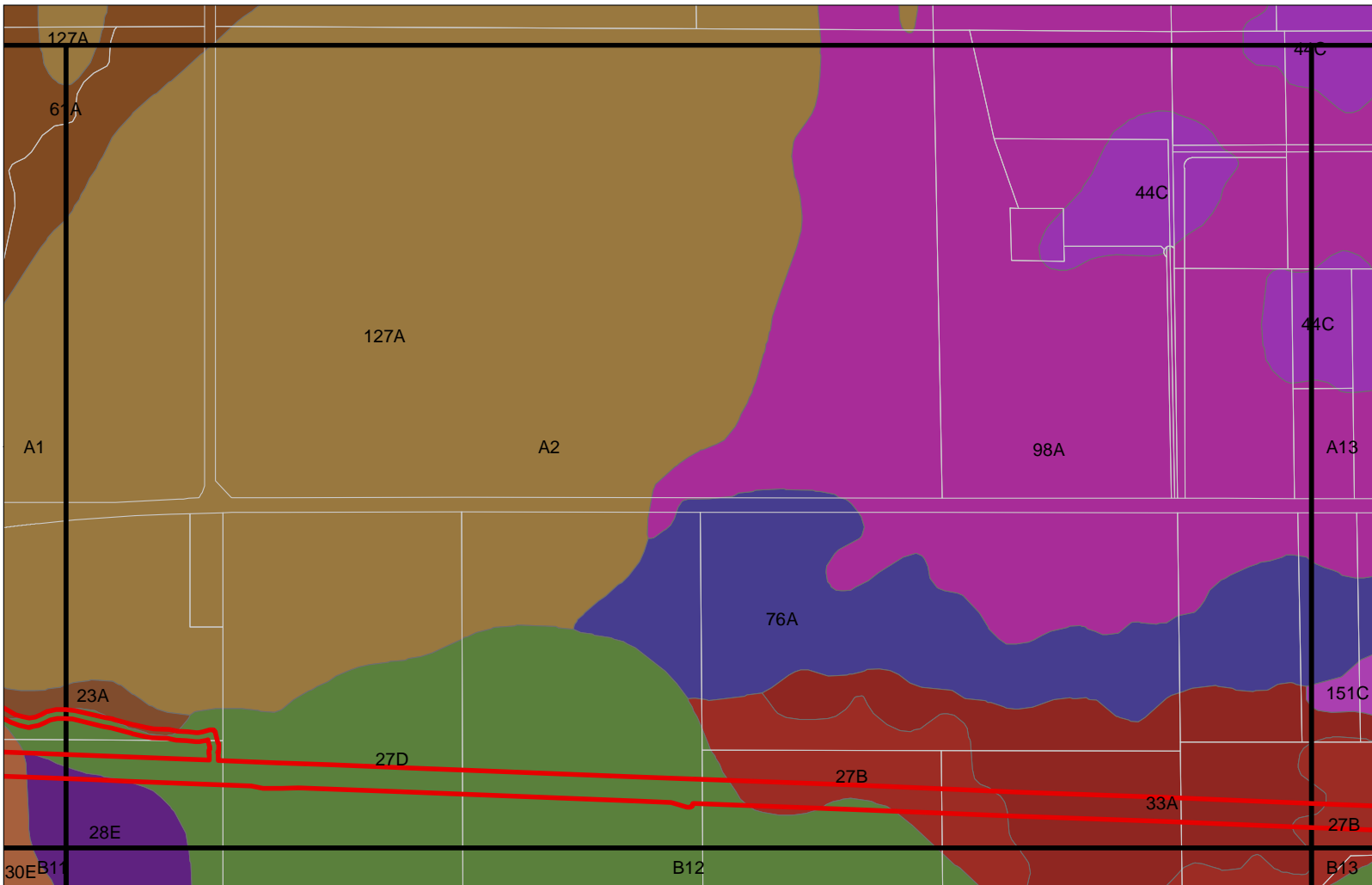
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	Tax Lots		113G		152B		186H		198A		27B		35A		78F		12D		53C		71F
	Soil Survey		11G		154		187A		1C		27D		44C		79E		14		53E		77E
	100A		127A		157B		188G		208C		28D		50E		91E		15		54F		78F
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B10

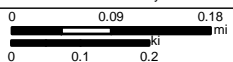
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Sam's Valley Project
Jackson and Josphine, OR
 Data Source: World Imagery
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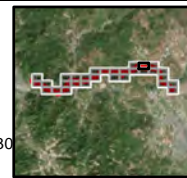


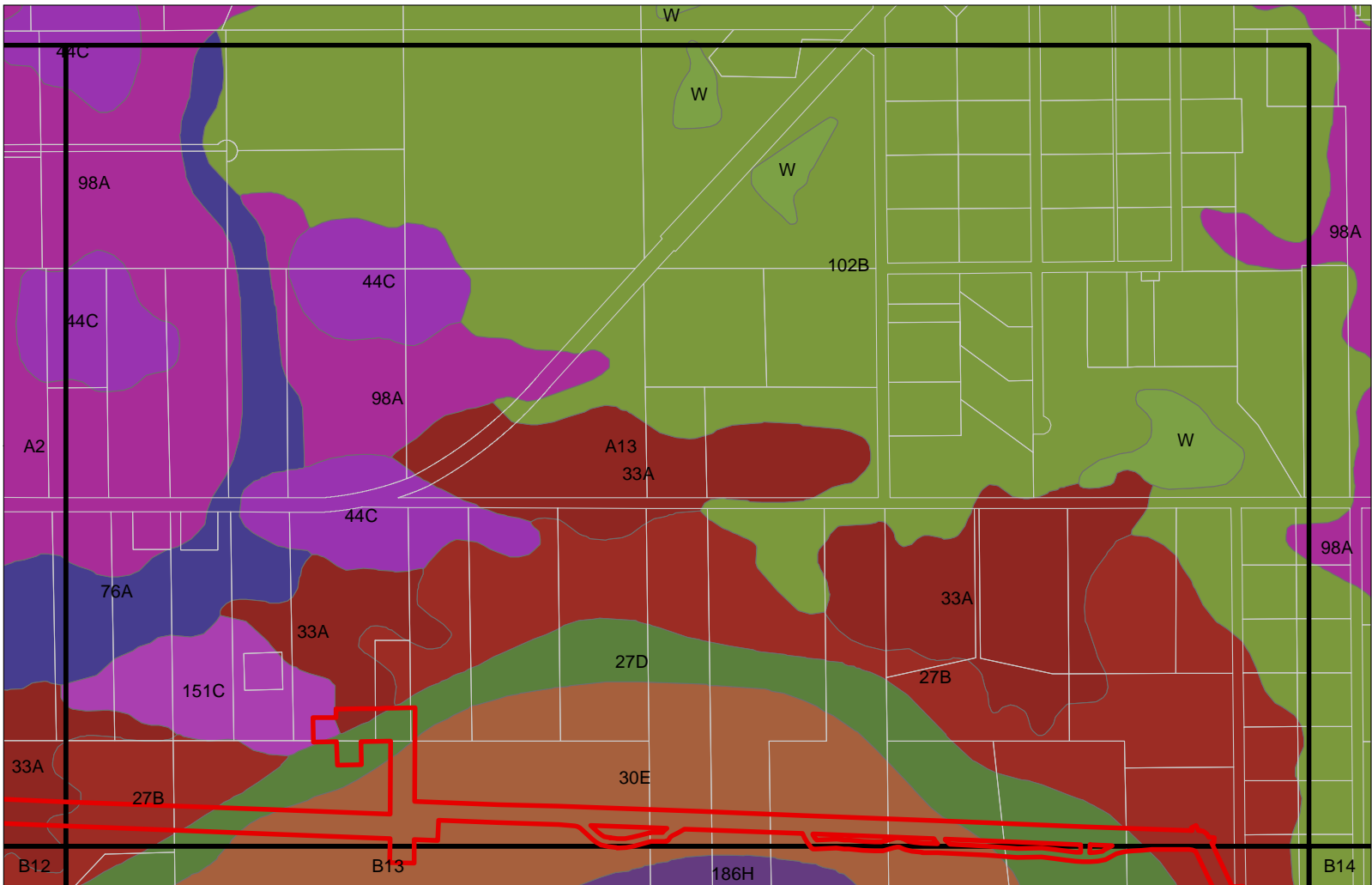
Soil Survey
 100A
 102B
 102D
 108D
 108E

108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
11G	154	187A	1C	27D	44C	79E	14	53E	77E
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102D	133A	158D	195E	22A	2A	61A	97A	21F	58F
108D	140G	162D	195F	23A	30E	6B	98A	27C	64
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							11B	34	67C

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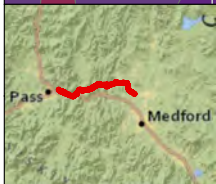
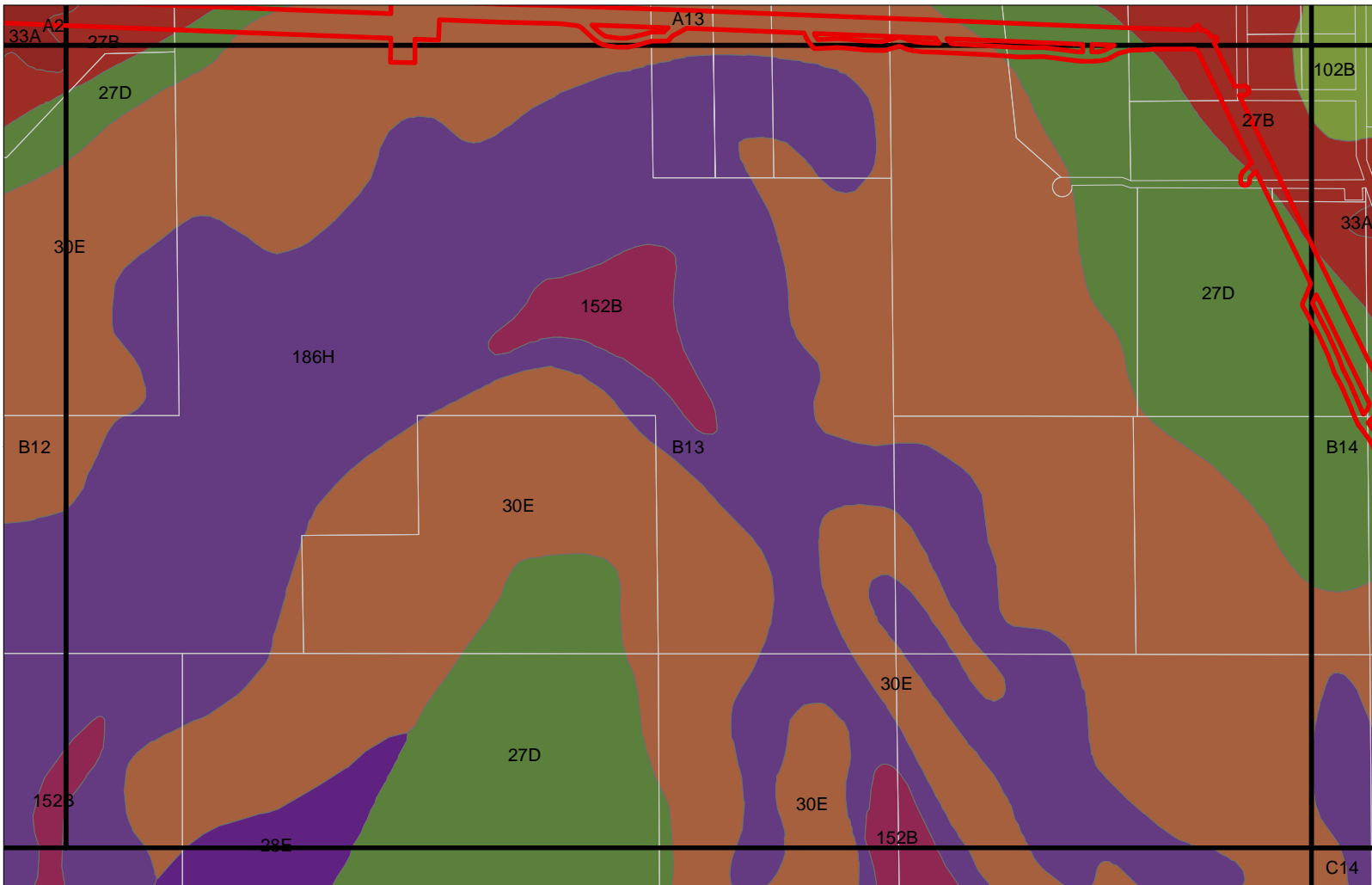
Sam's Valley Project
Jackson and Josphine, OR
 Data Source: World Imagery
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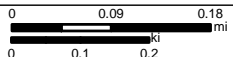
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Tax Lots	113G	152B	186H	27B	35A	78F	12D	53C	71F	
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	102B	128B	158B	189G	21A	28E	55A	92F	16	55F
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	108D	140G	162D	195F	23A	30E	6B	98A	27C	64
	108E	146	163A	196E	25G	31A	71F	11B	34	67C

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WEST



Sam's Valley Project
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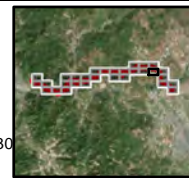


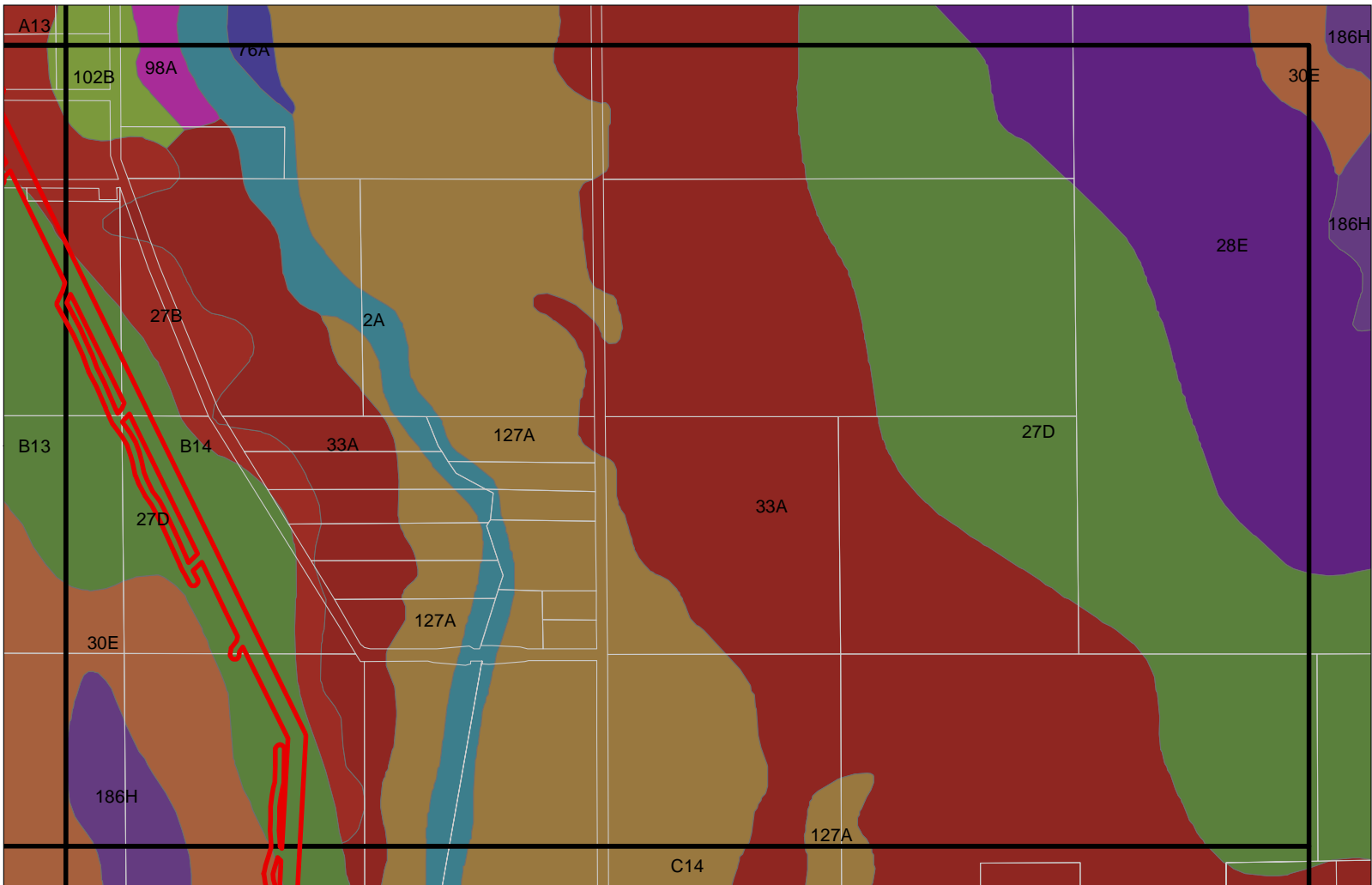
Soil Survey

108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
11G	154	187A	1C	27D	44C	79E	14	53E	77E
100A	127A	157B	188G	28D	50E	91E	15	54F	78F
102B	128B	158B	189G	28E	55A	92F	16	55F	79F
102D	133A	158D	195E	2A	61A	97A	21F	58F	83
108D	140G	162D	195F	23A	30E	6B	27C	64	84F
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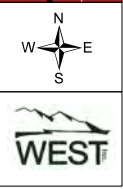


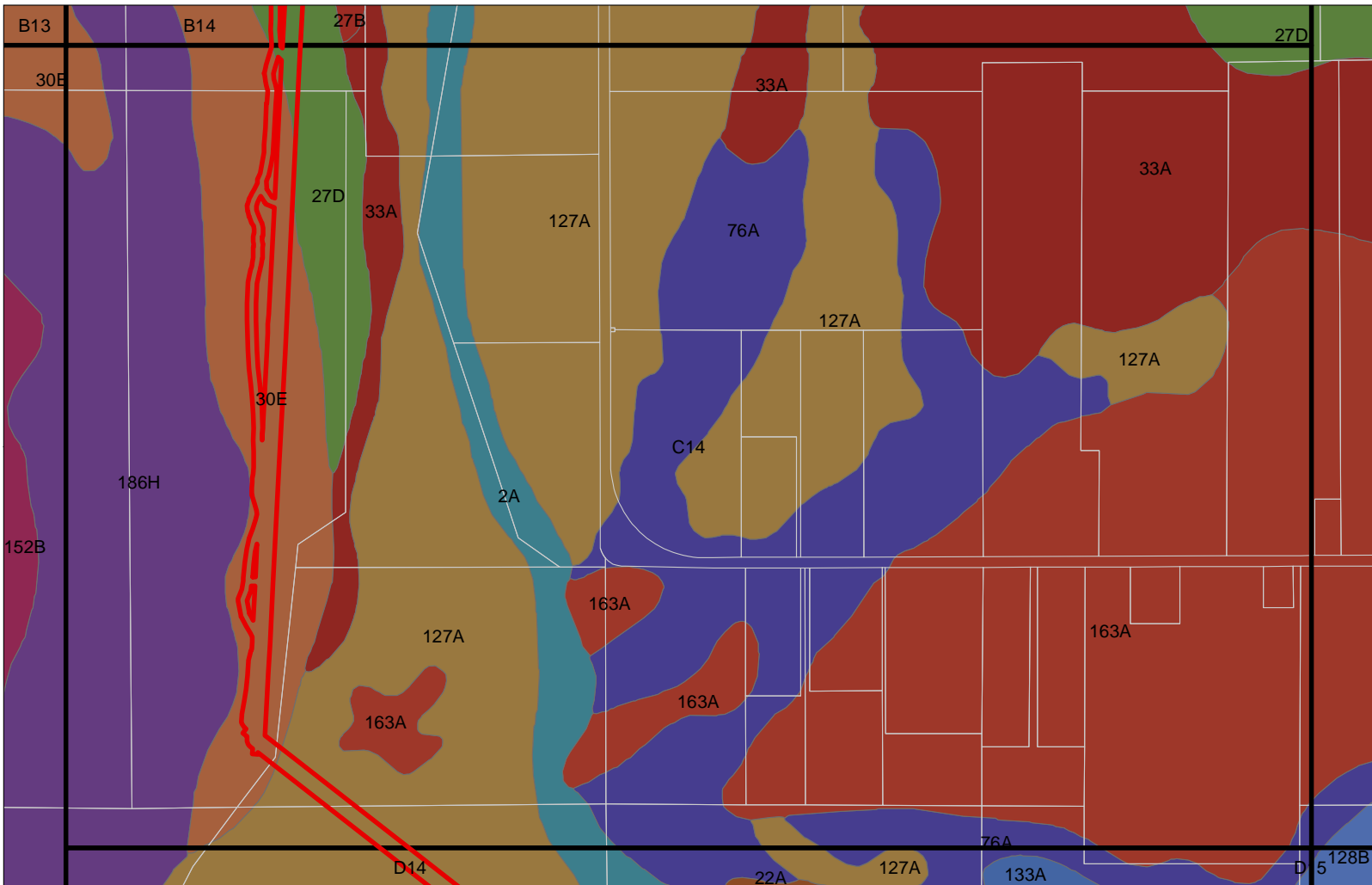
Sam's Valley Project
Jackson and Josphine, OR
 Data Source: World Imagery
 Coordinate System: NAD 83 UTM Zone 10
 Date: 12/27/2017
 Author: Troy Rintz

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Study Area	108F	151C	179F	197F	26G	33A	76A	11C	42C	70F
Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	100A	127A	157B	188G	208C	28D	50E	91E	15	54F
	102B	128B	158B	189G	21A	28E	55A	92F	16	55F
	102D	133A	158D	195E	22A	2A	61A	97A	21F	58F
	108D	140G	162D	195F	23A	30E	6B	98A	27C	64
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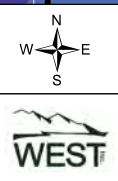


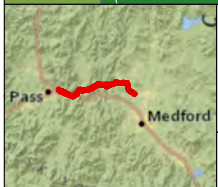
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Jackson and Josphine, OR
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 Coordinate System: NAD 83 UTM Zone 10
 Date: 12/27/2017
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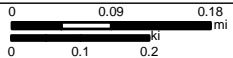
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100A	127A	157B	188G	208C	28D	50E	91E	54F	78F	
102B	128B	158B	189G	21A	28E	55A	92F	16	55F	79F
102D	133A	158D	195E	22A	2A	61A	97A	21F	58F	83
108D	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
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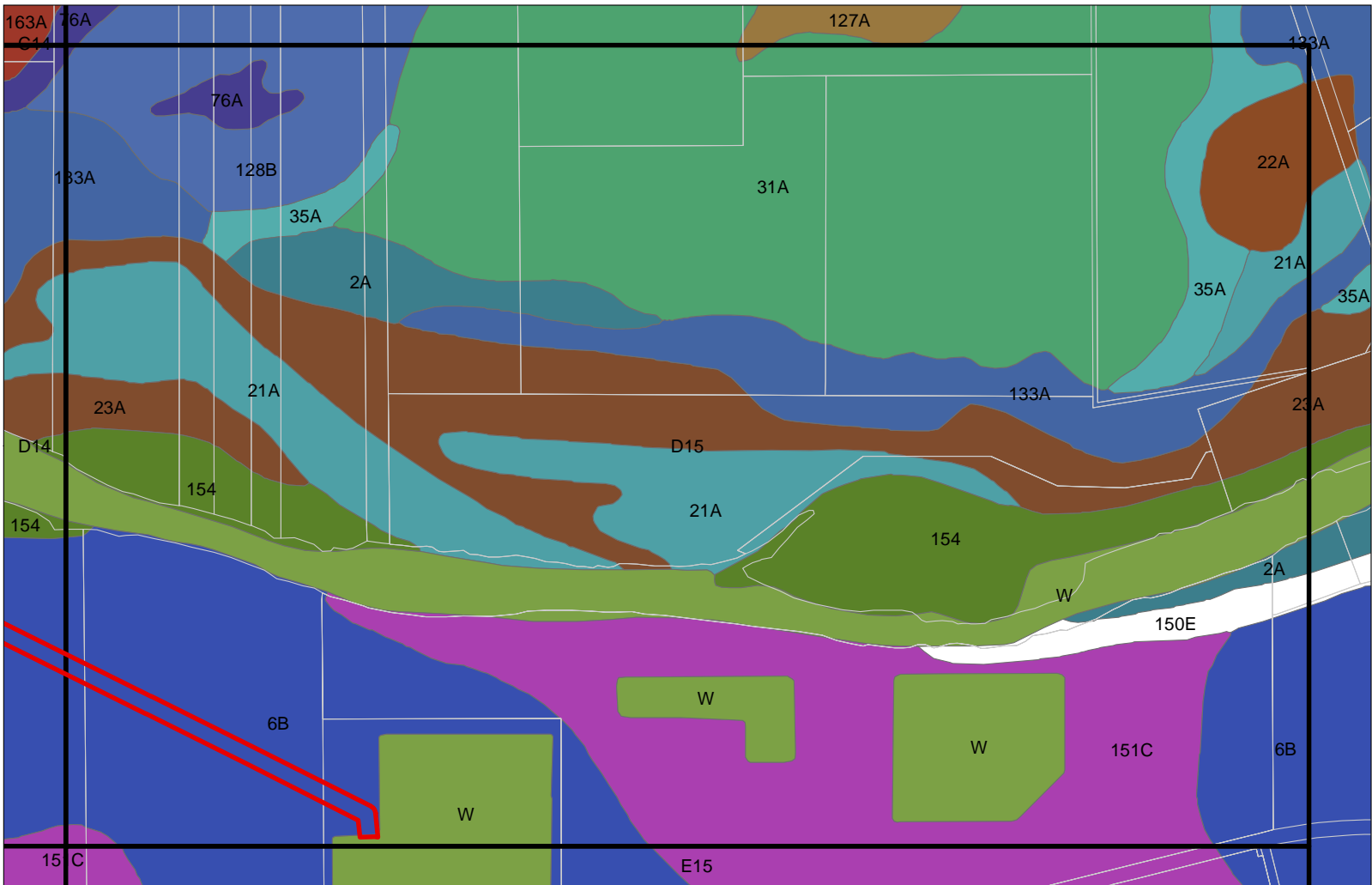
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Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
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Author: Troy Rintz



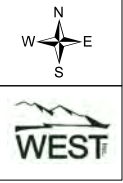


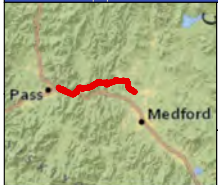
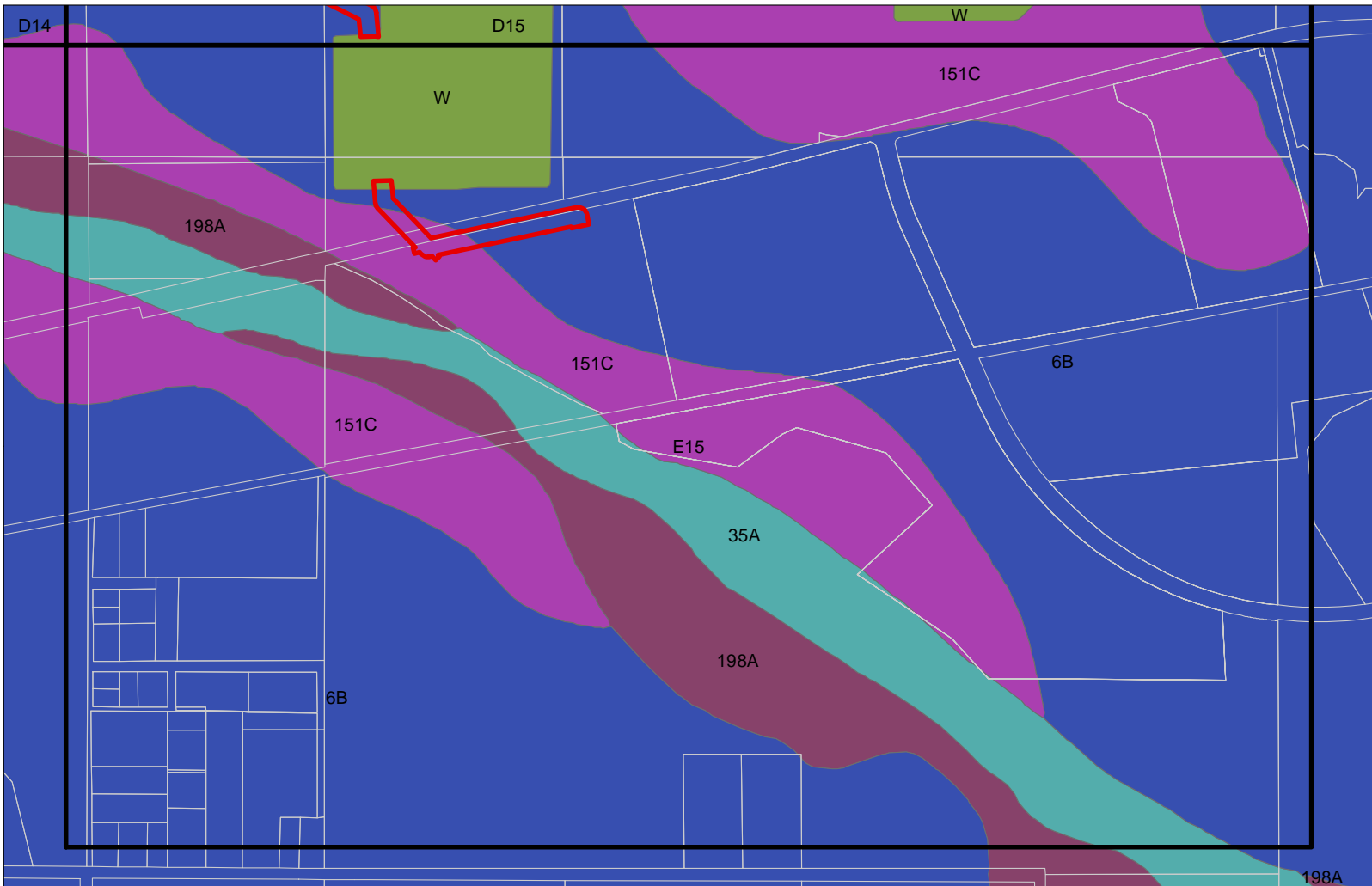
Sam's Valley Project
Jackson and Josphine, OR
 Data Source: World Imagery
 Coordinate System: NAD 83 UTM Zone 10
 Date: 12/27/2017
 Author: Troy Rintz

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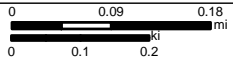
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Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	11G	154	187A	1C	27D	44C	79E	14	53E	77E
100A	127A	157B	188G	208C	28D	50E	91E	15	54F	78F
102B	128B	158B	189G	21A	28E	55A	92F	16	55F	79F
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108D	140G	162D	195F	23A	30E	6B	98A	27C	64	84F
108E	146	163A	196E	25G	31A	71F	W	27D	67B	W
							11B	34	67C	

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Sam's Valley Project
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 Coordinate System: NAD 83 UTM Zone 10
 Date: 12/27/2017
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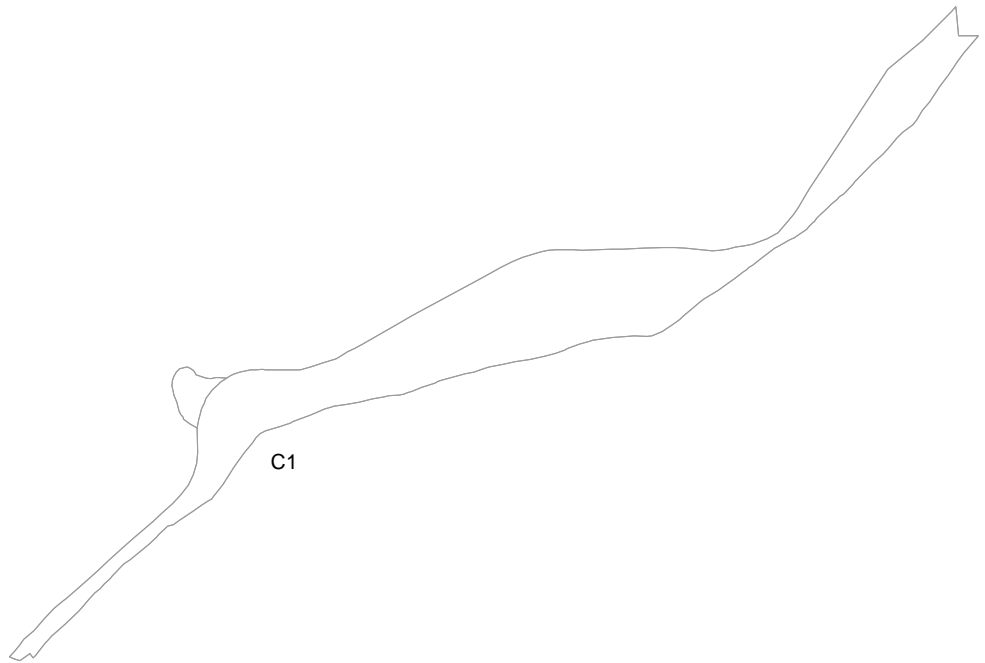


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Tax Lots	113G	152B	186H	198A	27B	35A	78F	12D	53C	71F
Soil Survey	100A	127A	157B	188G	208C	28D	50E	91E	14	53E
	102B	128B	158B	189G	21A	28E	55A	92F	15	54F
	102D	133A	158D	195E	22A	2A	61A	97A	21F	58F
	108D	140G	162D	195F	23A	30E	6B	98A	27C	64
	108E	146	163A	196E	25G	31A	71F	W	27D	67B
								11B	34	67C

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Appendix J. Figures Depicting Locations of Tax Lot



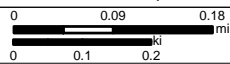
C1

D1

D2

**Sam's Valley Project
Jackson and Josphine, OR**

Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz



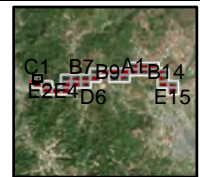
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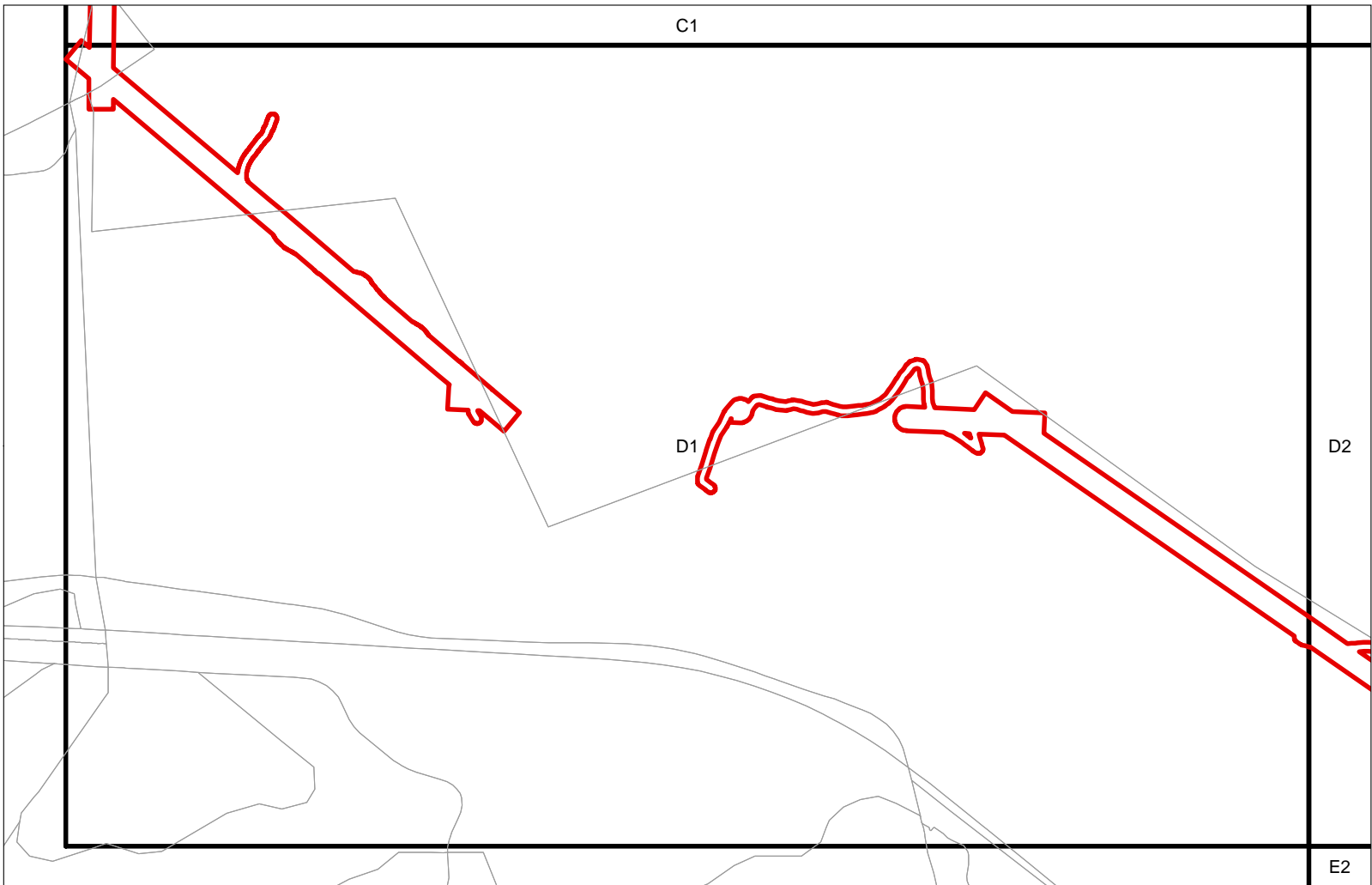


Tax Lots

C1



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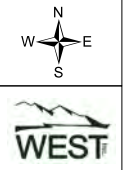
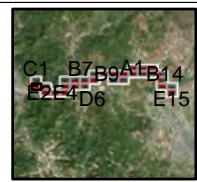


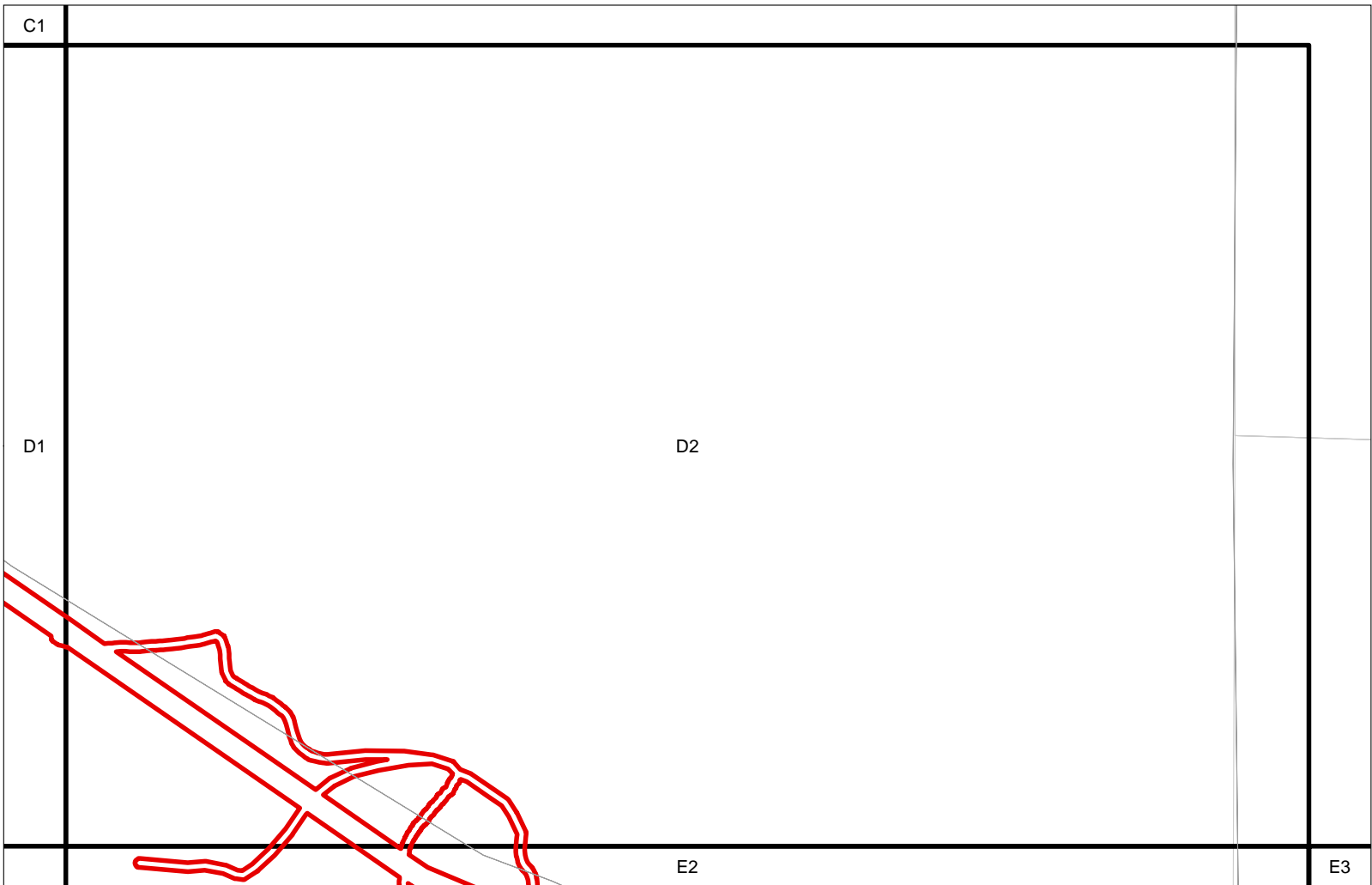
Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

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 **Study Area**
 **Tax Lots**

D1
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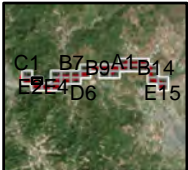
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Data Source: World Imagery
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Date: 12/20/2017
Author: Troy Rintz

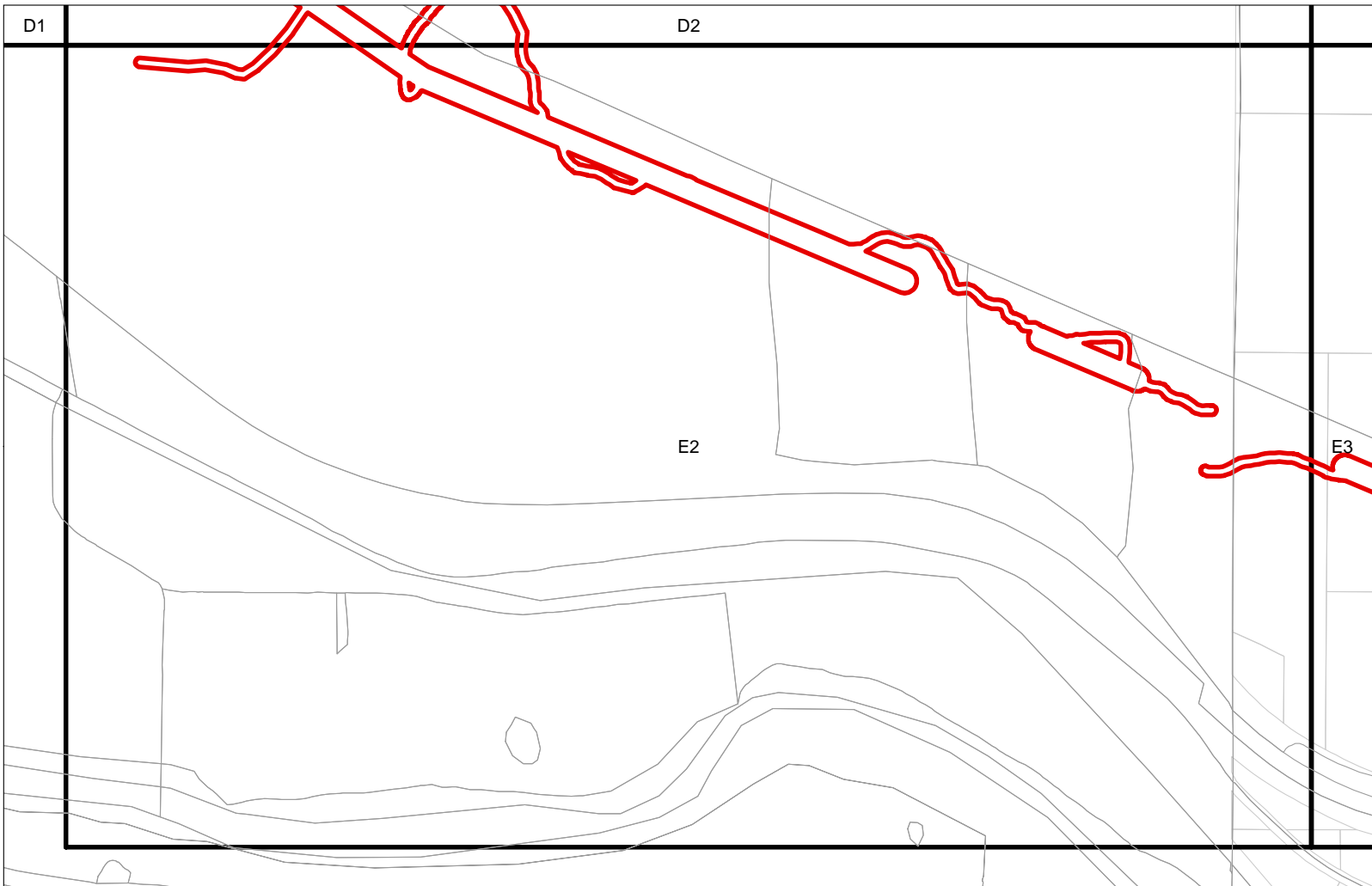
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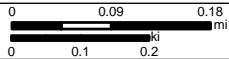
**Tax Lots**

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Sam's Valley Project
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Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

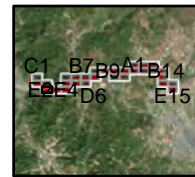


Study Area



Tax Lots

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D2

D4

E2

E3

E4

Sam's Valley Project
Jackson and Josphine, OR

Data Source: World Imagery
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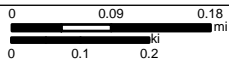
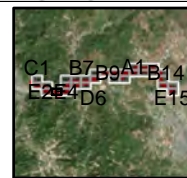
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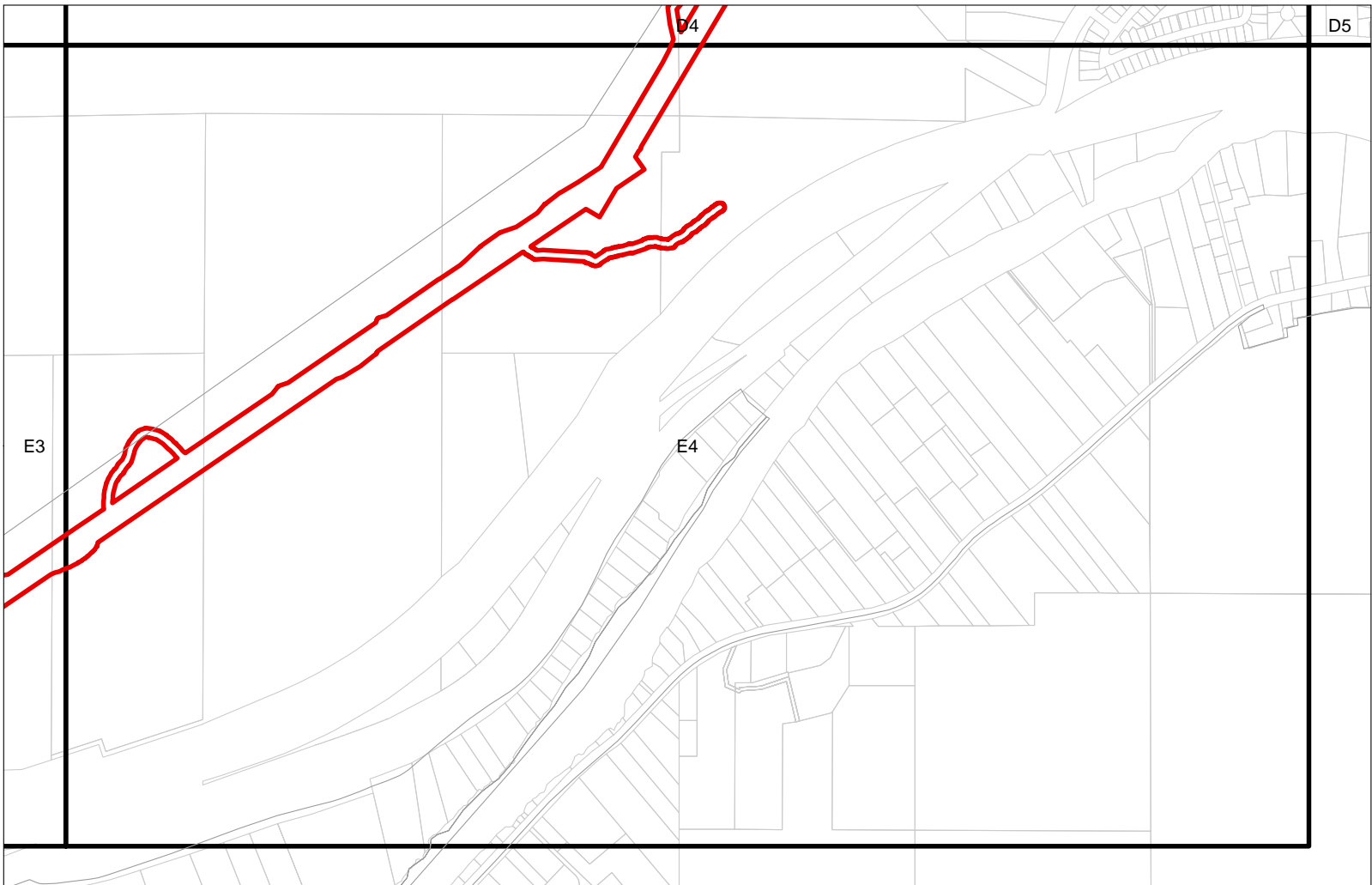


Tax Lots

E3



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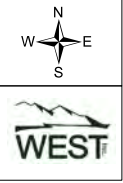


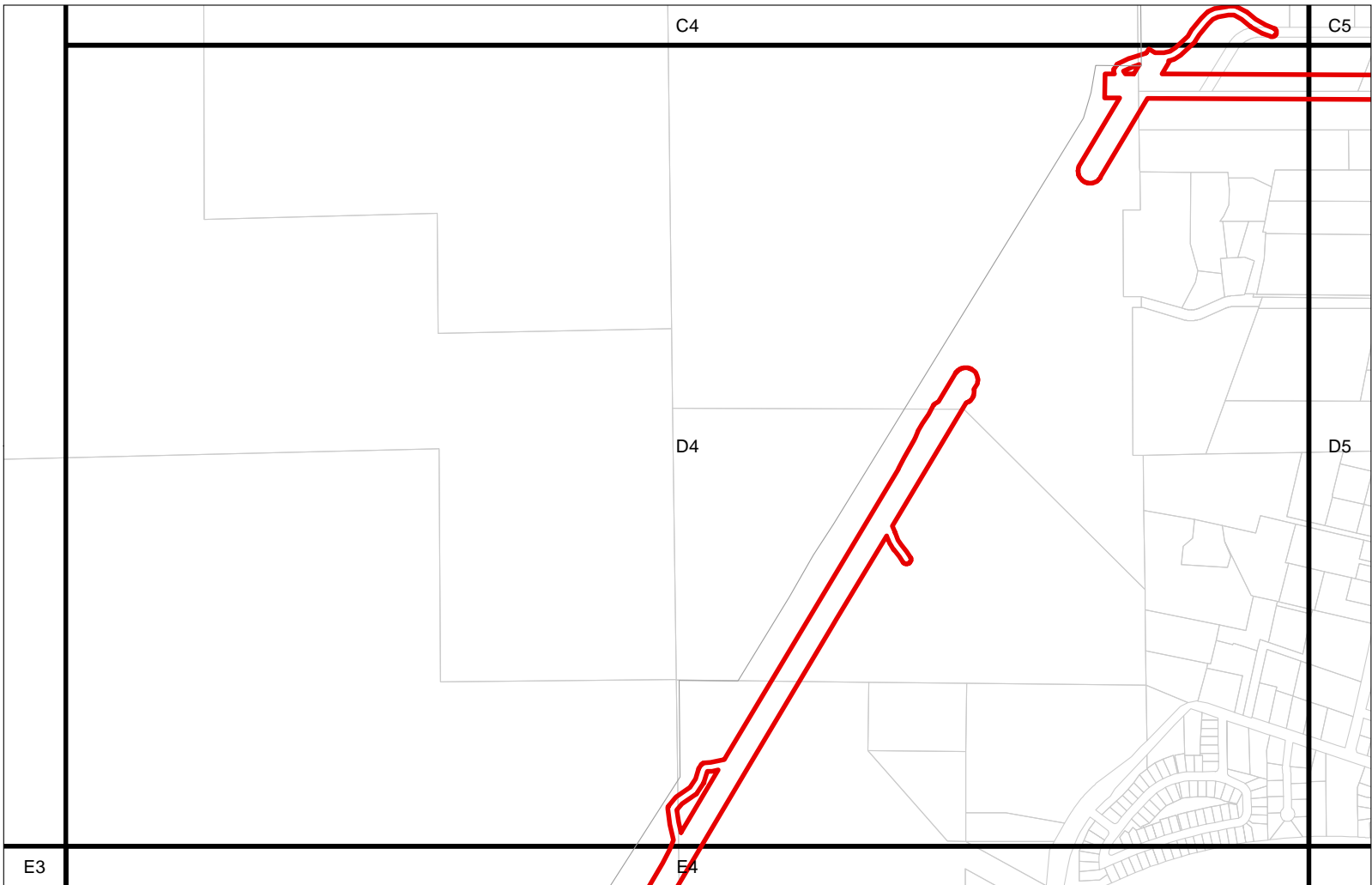
Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

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 Study Area
 Tax Lots



E4
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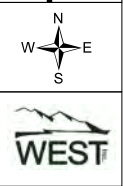
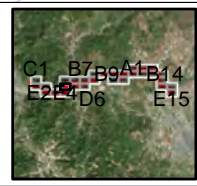


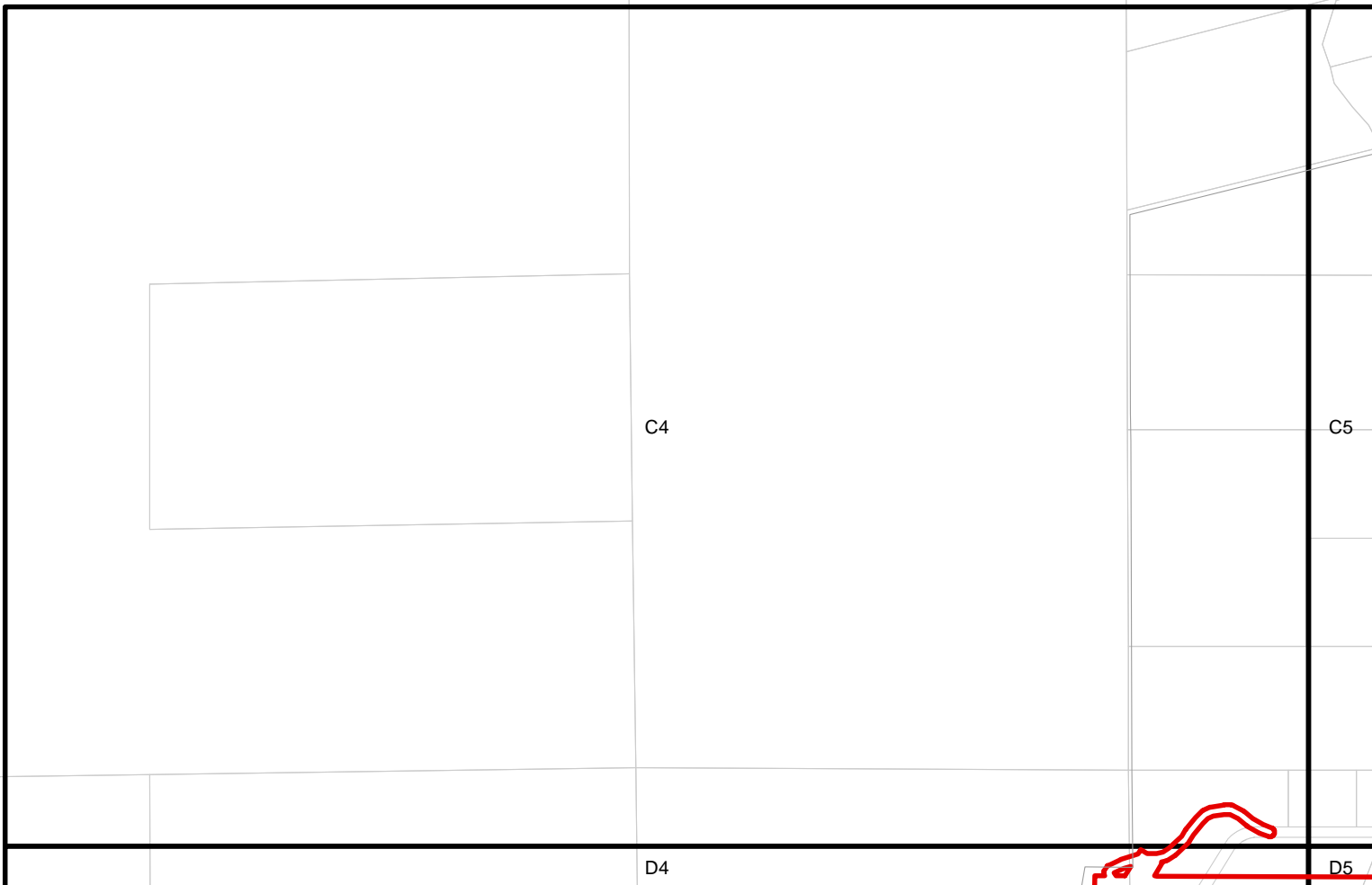


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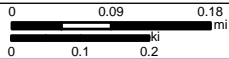
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 Study Area
 Tax Lots





Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

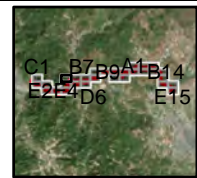


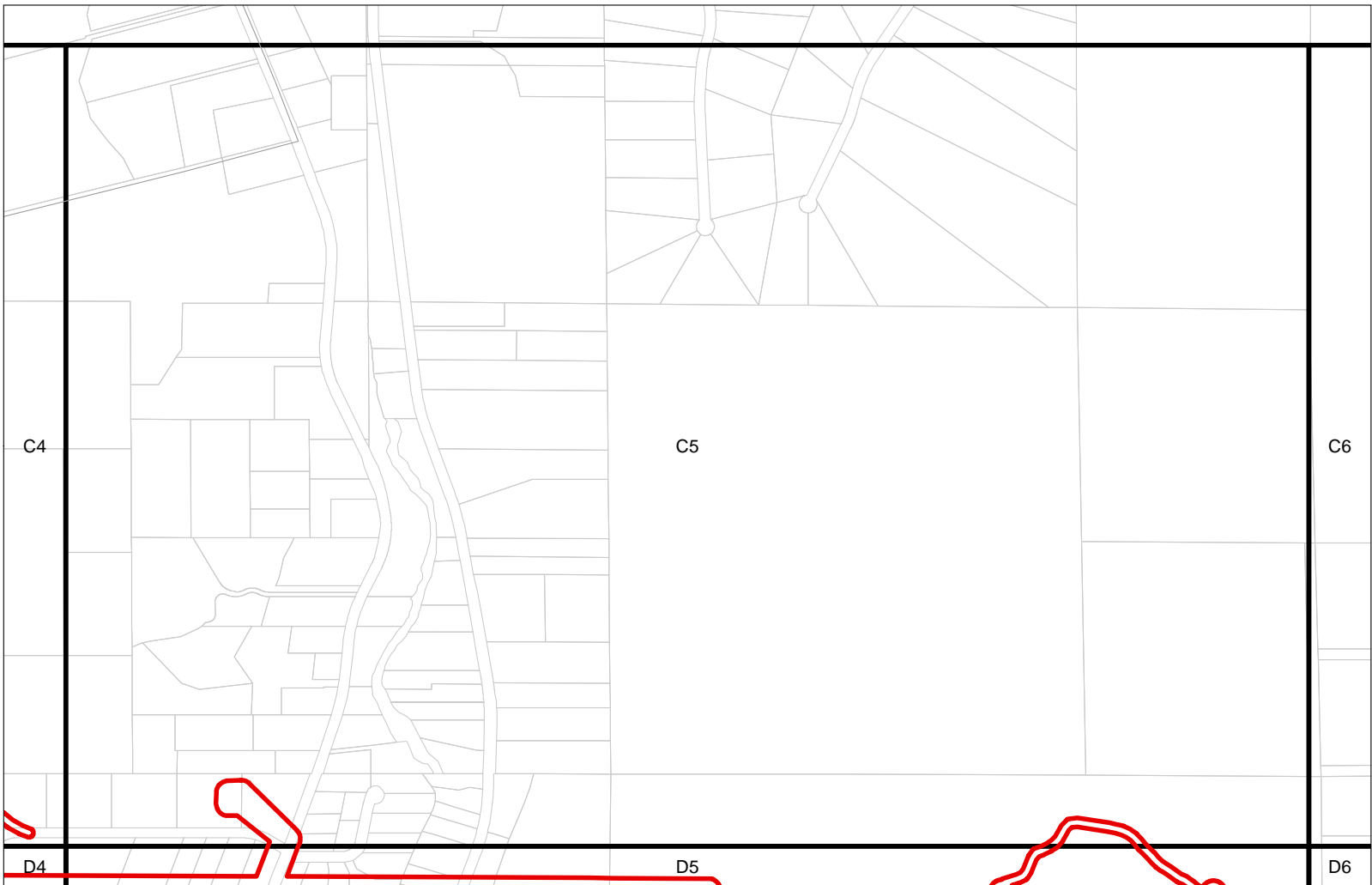
Study Area



Tax Lots



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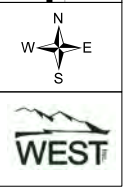
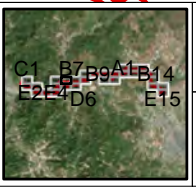


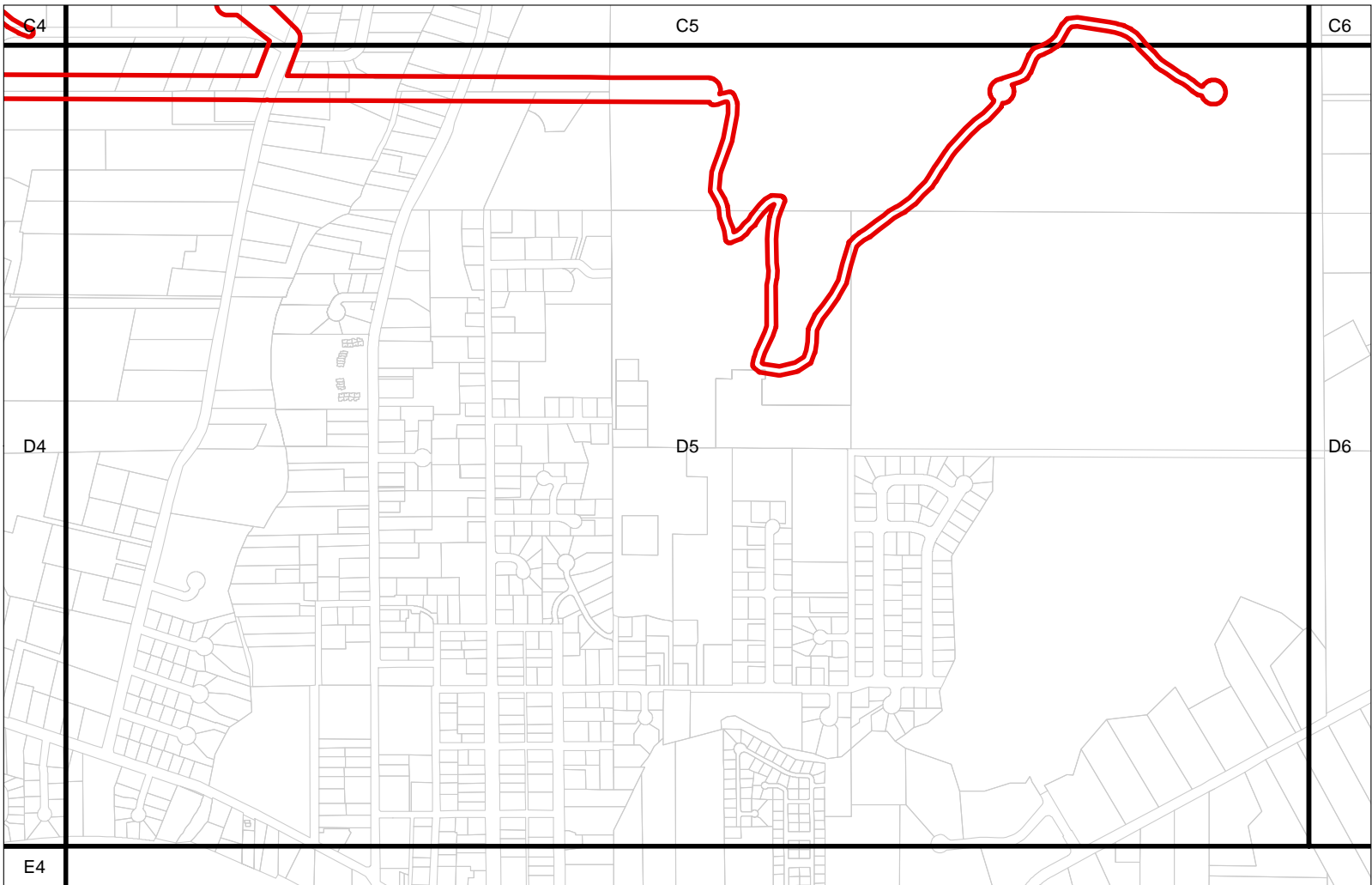
Sam's Valley Project
Jackson and Josephine, OR
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Date: 12/20/2017
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 **Study Area**
 **Tax Lots**



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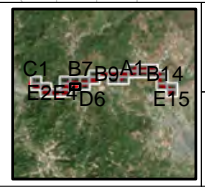




Sam's Valley Project
Jackson and Josphine, OR
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Date: 12/20/2017
Author: Troy Rintz

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 **Study Area**
 **Tax Lots**



B7

C5

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D5

D6

Sam's Valley Project Jackson and Josphine, OR

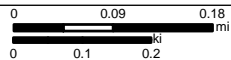
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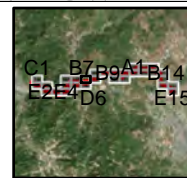
Study Area

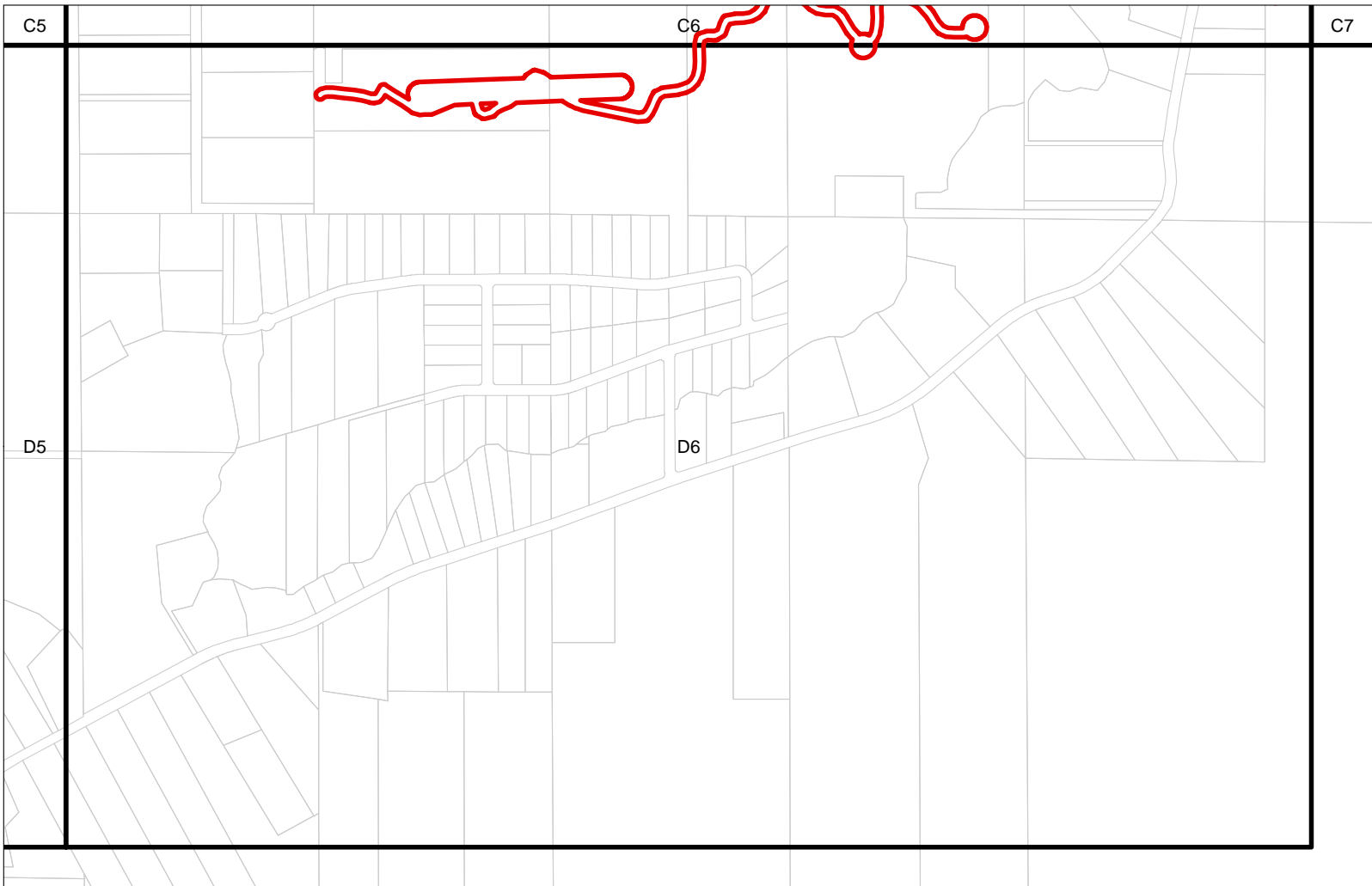


Tax Lots

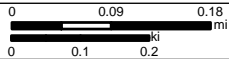


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Sam's Valley Project
Jackson and Josphine, OR
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Author: Troy Rintz

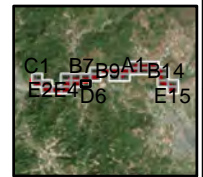


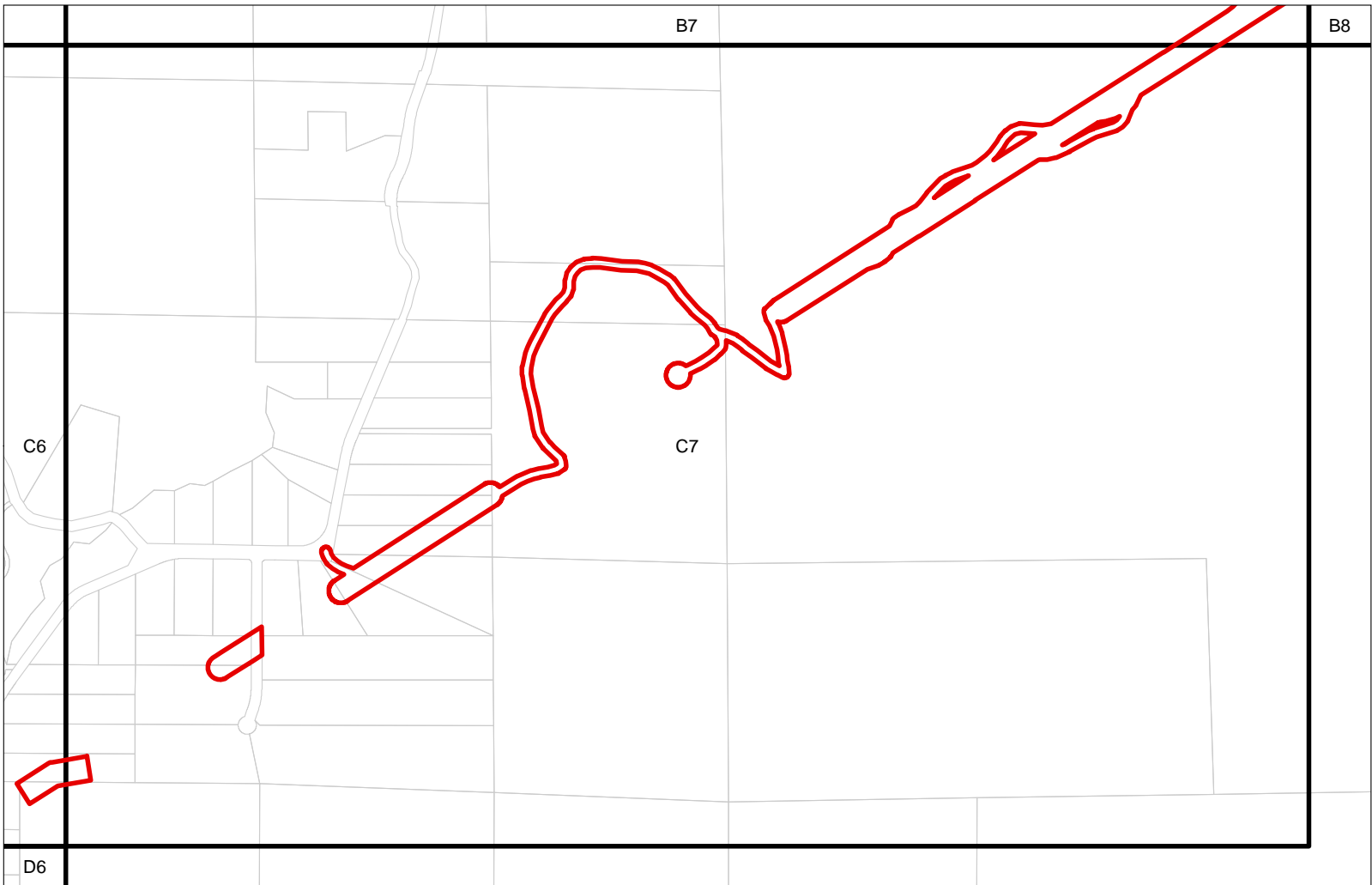
Study Area



Tax Lots



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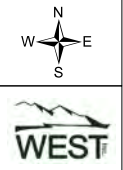
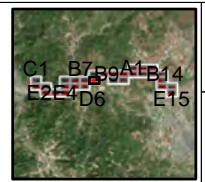


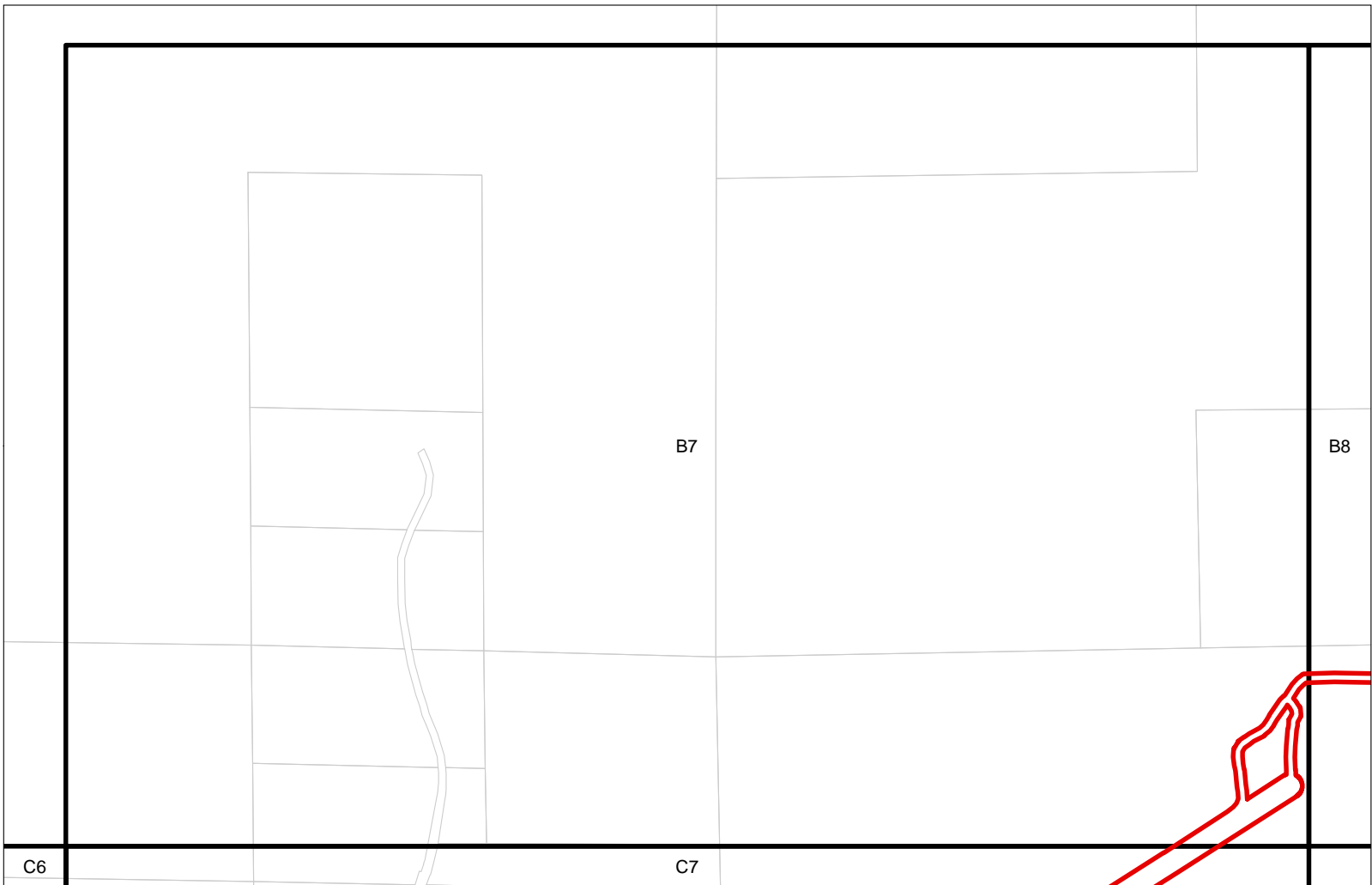


Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
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 **Study Area**
 **Tax Lots**





Sam's Valley Project
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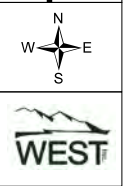
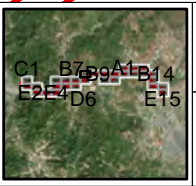
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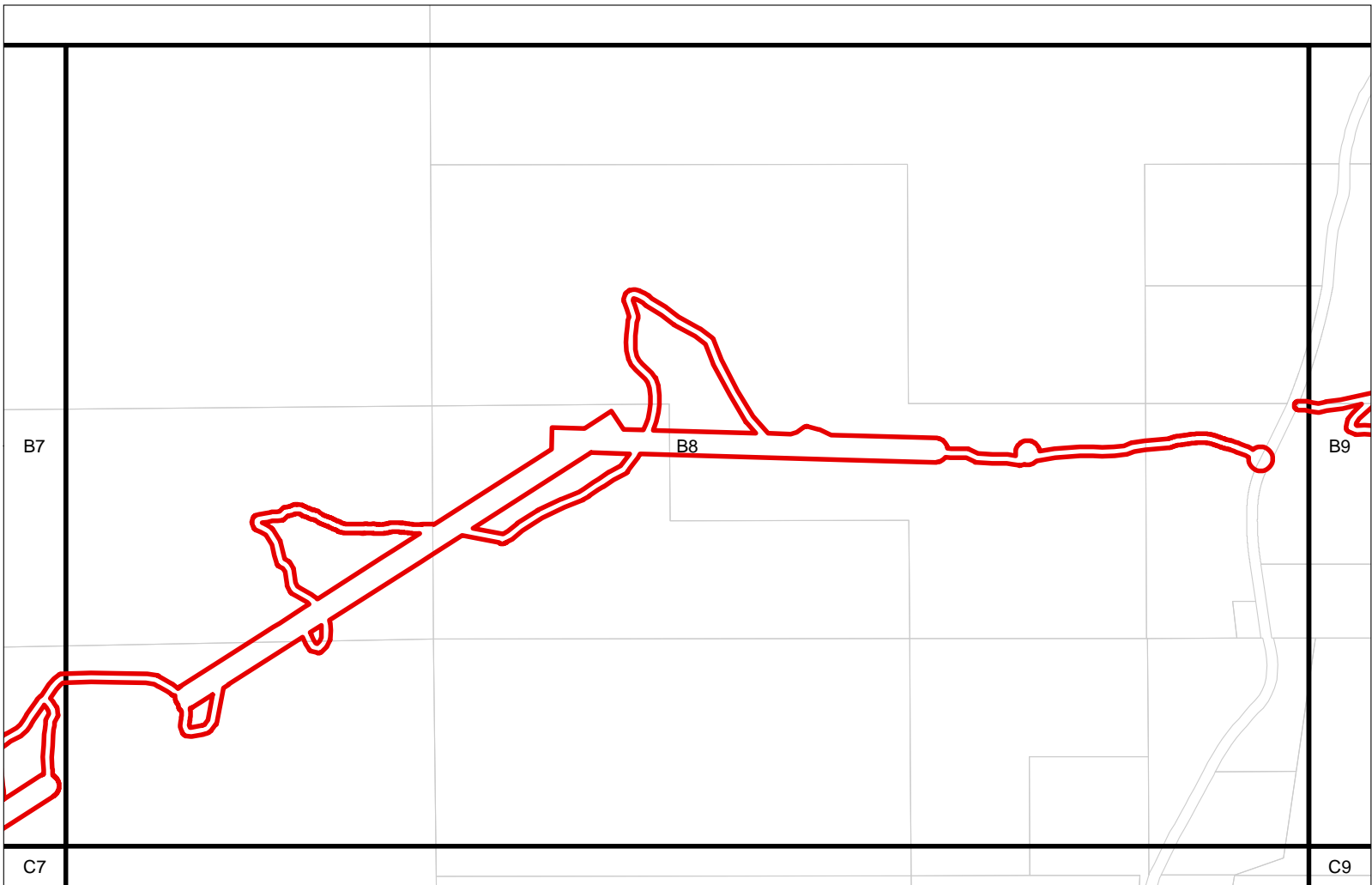
**Study Area**

**Tax Lots**

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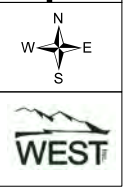
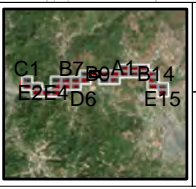


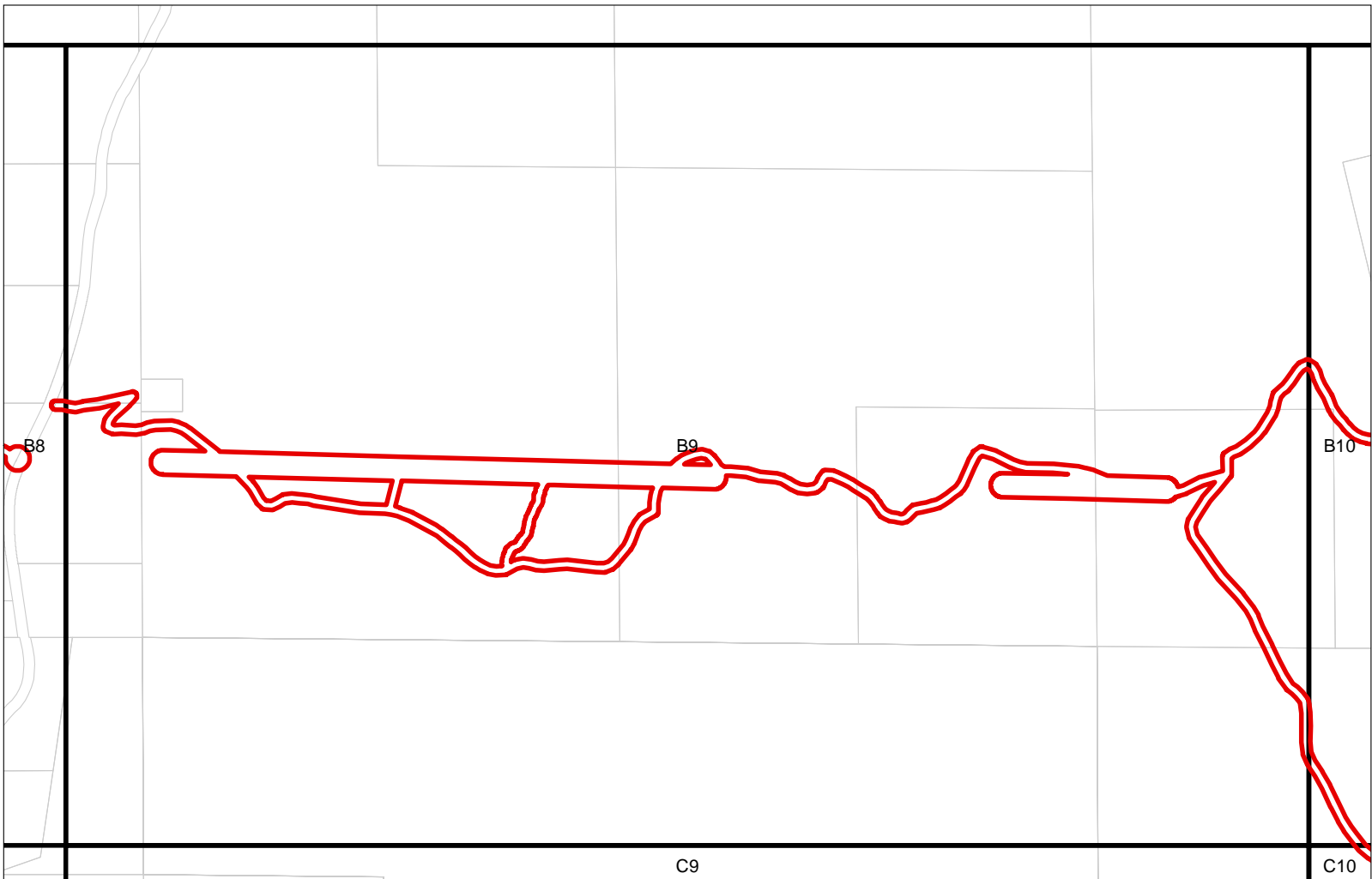
Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

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 Study Area
 Tax Lots



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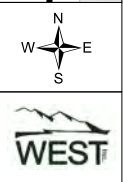


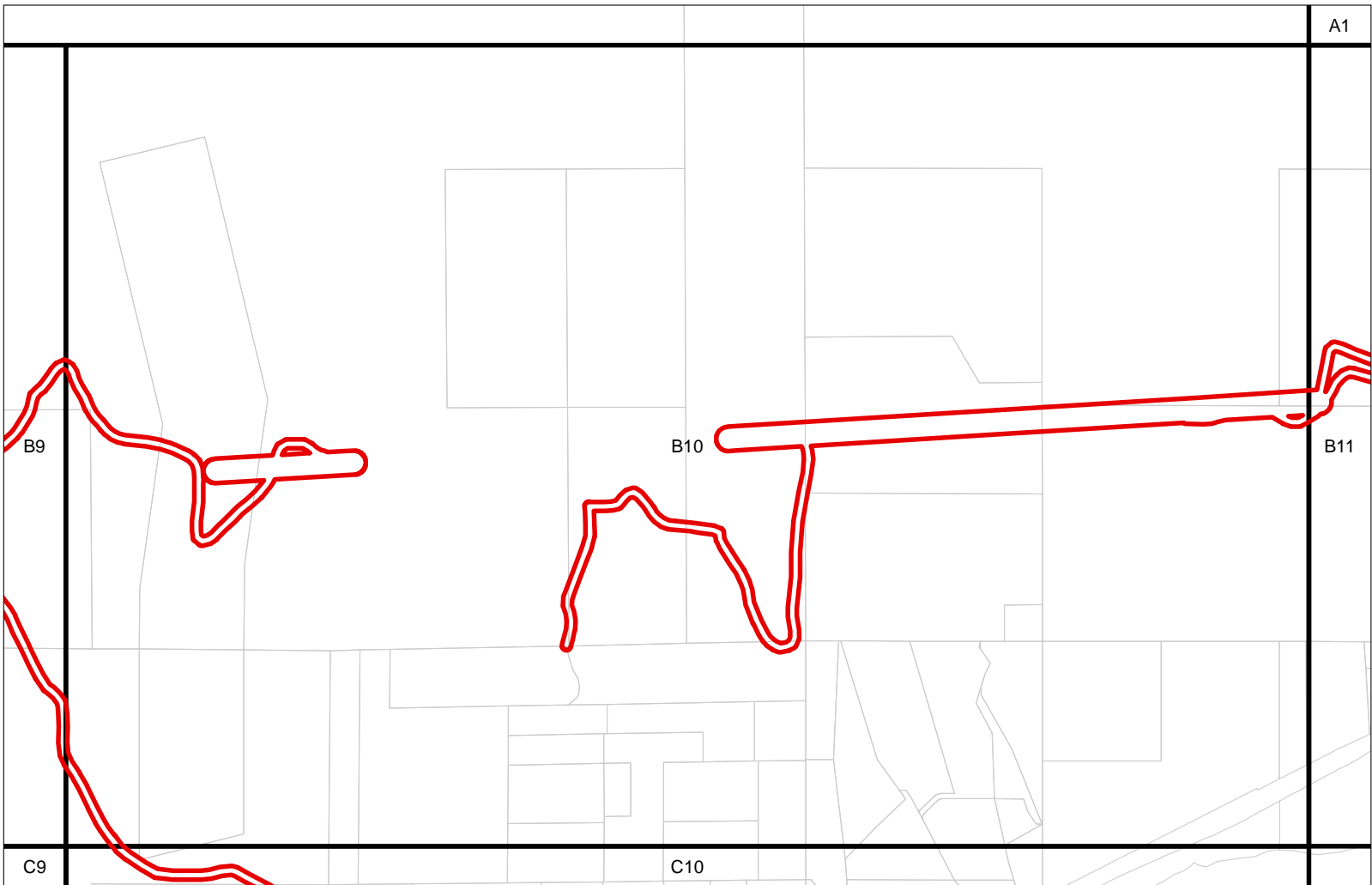
Sam's Valley Project
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Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

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 Study Area
 Tax Lots



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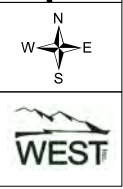
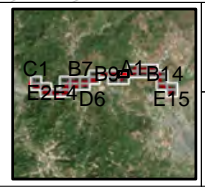


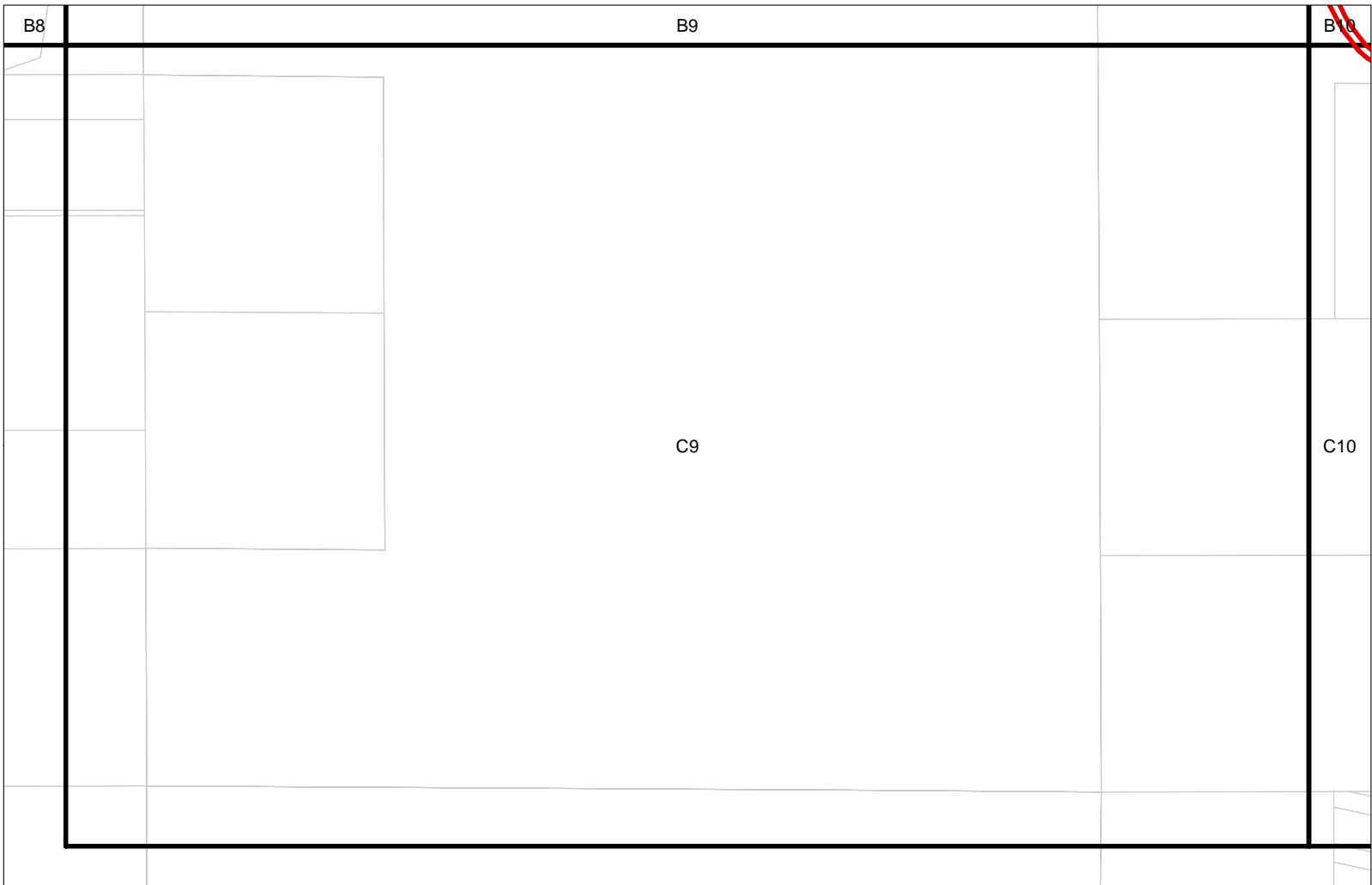


Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

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 **Study Area**
 **Tax Lots**



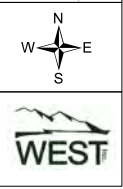


Sam's Valley Project
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Date: 12/20/2017
Author: Troy Rintz

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 **Study Area**
 **Tax Lots**

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B9

B10

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C10

Sam's Valley Project Jackson and Josphine, OR

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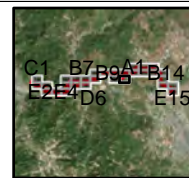
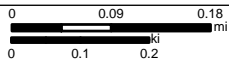
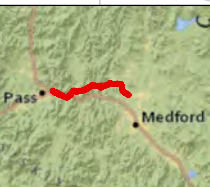
Study Area

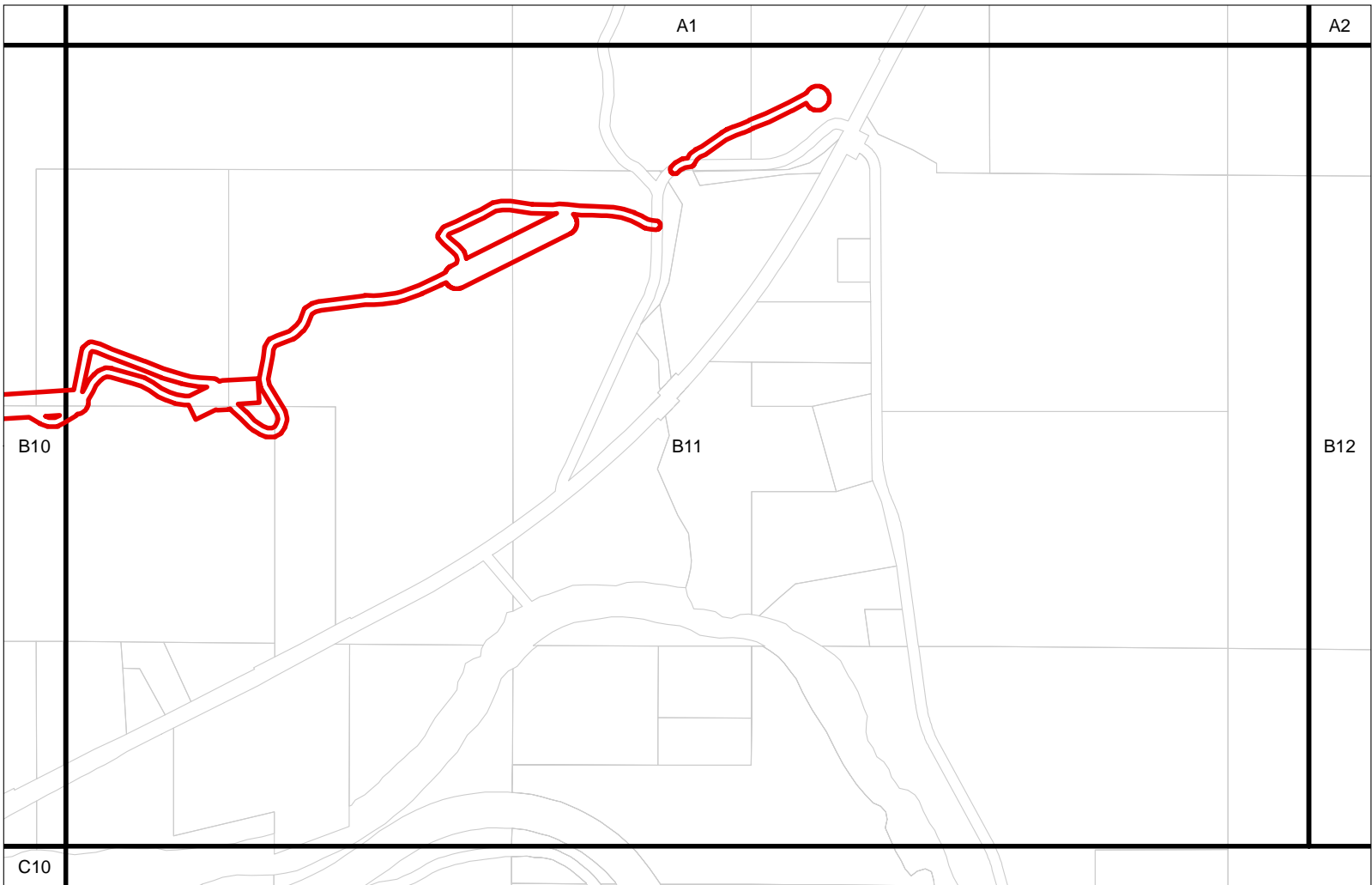


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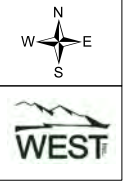
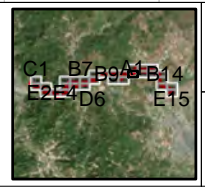


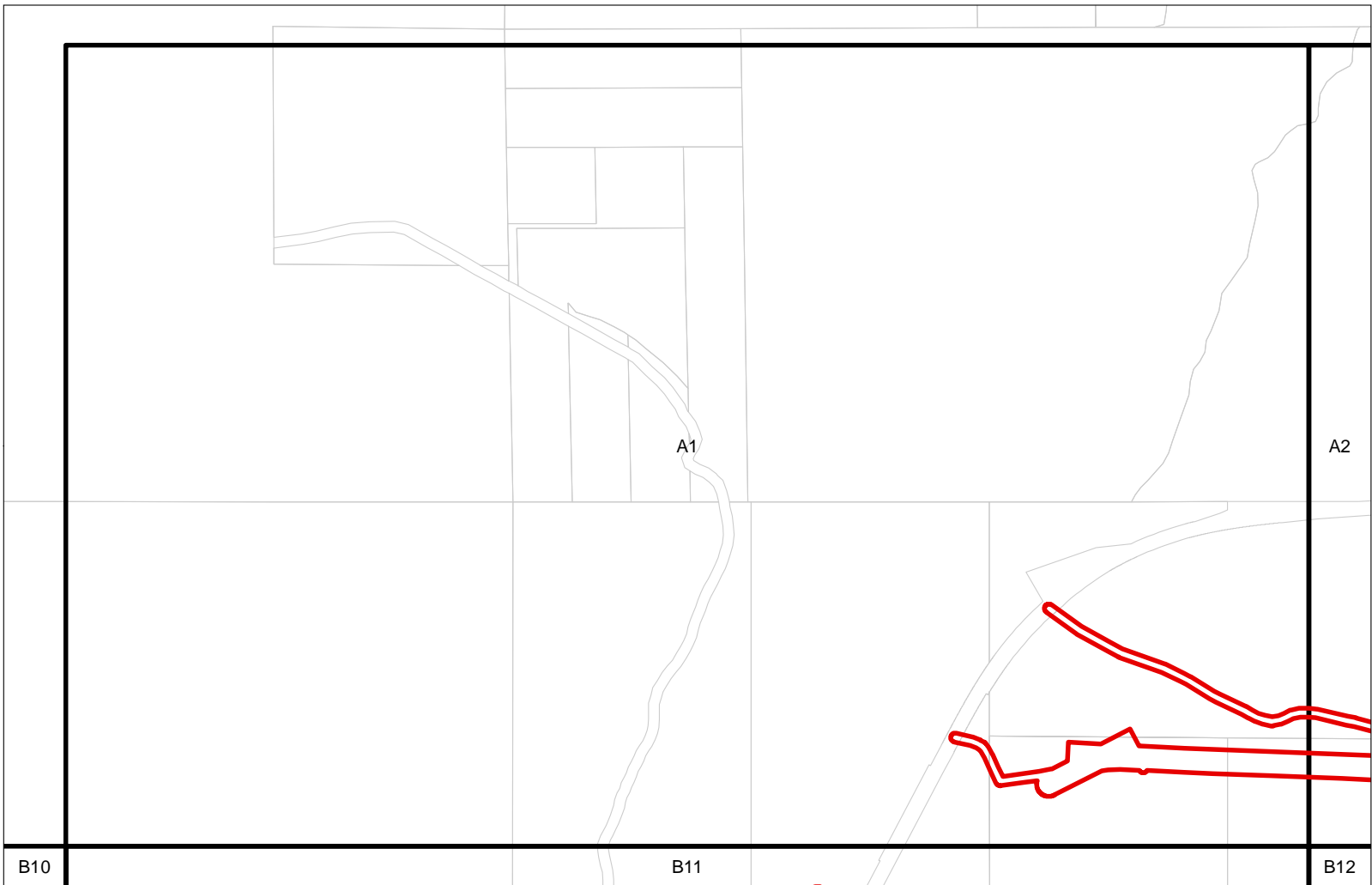
Sam's Valley Project
Jackson and Josphine, OR
Data Source: World Imagery
Coordinate System: NAD 83 UTM Zone 10
Date: 12/20/2017
Author: Troy Rintz

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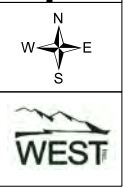
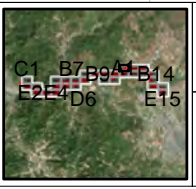


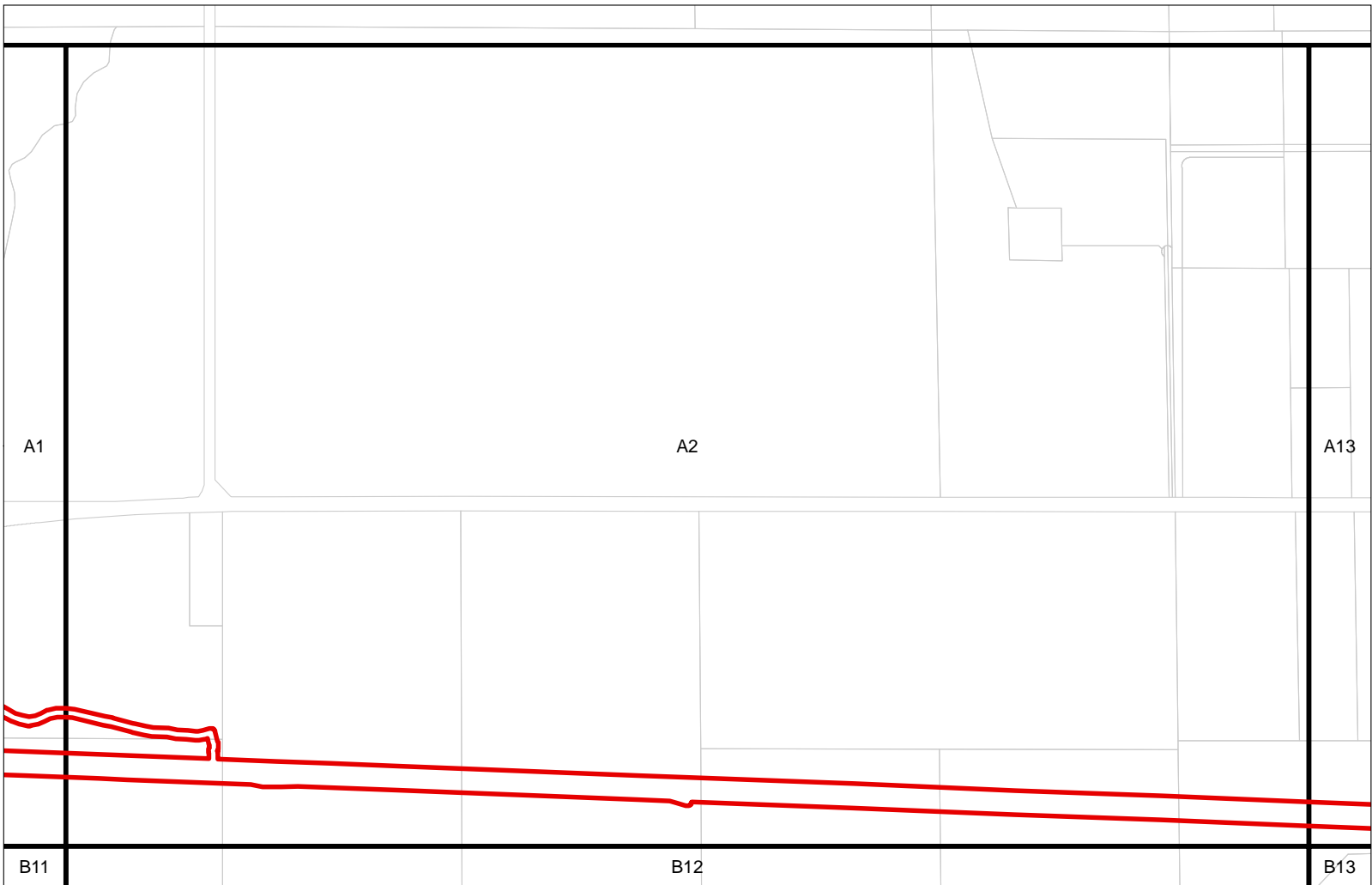
Sam's Valley Project
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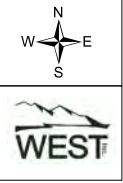


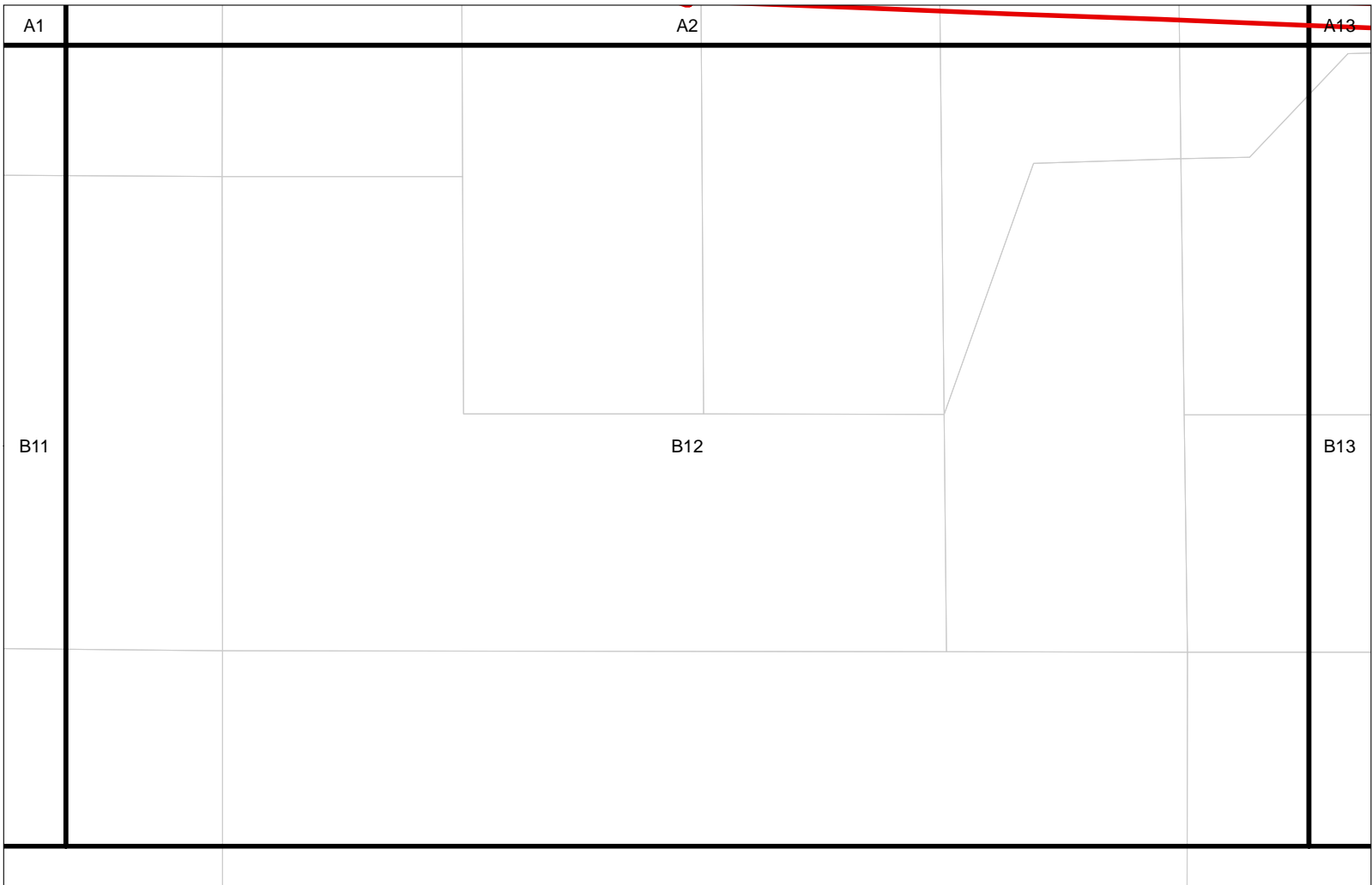


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 Study Area
 Tax Lots

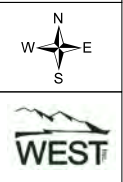
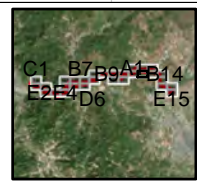


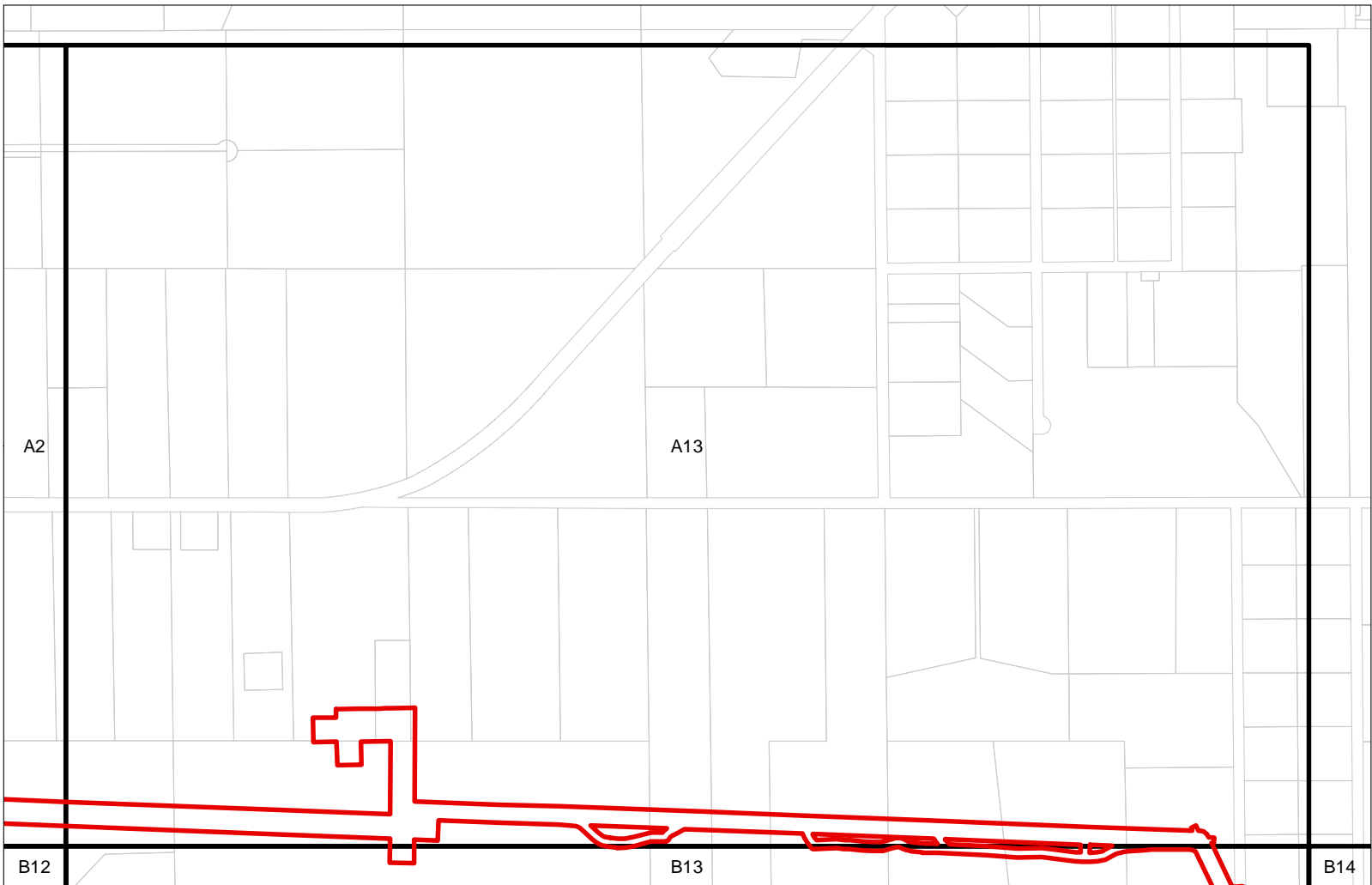


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 **Study Area**
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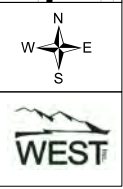
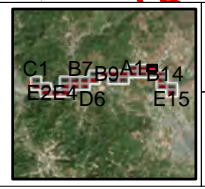


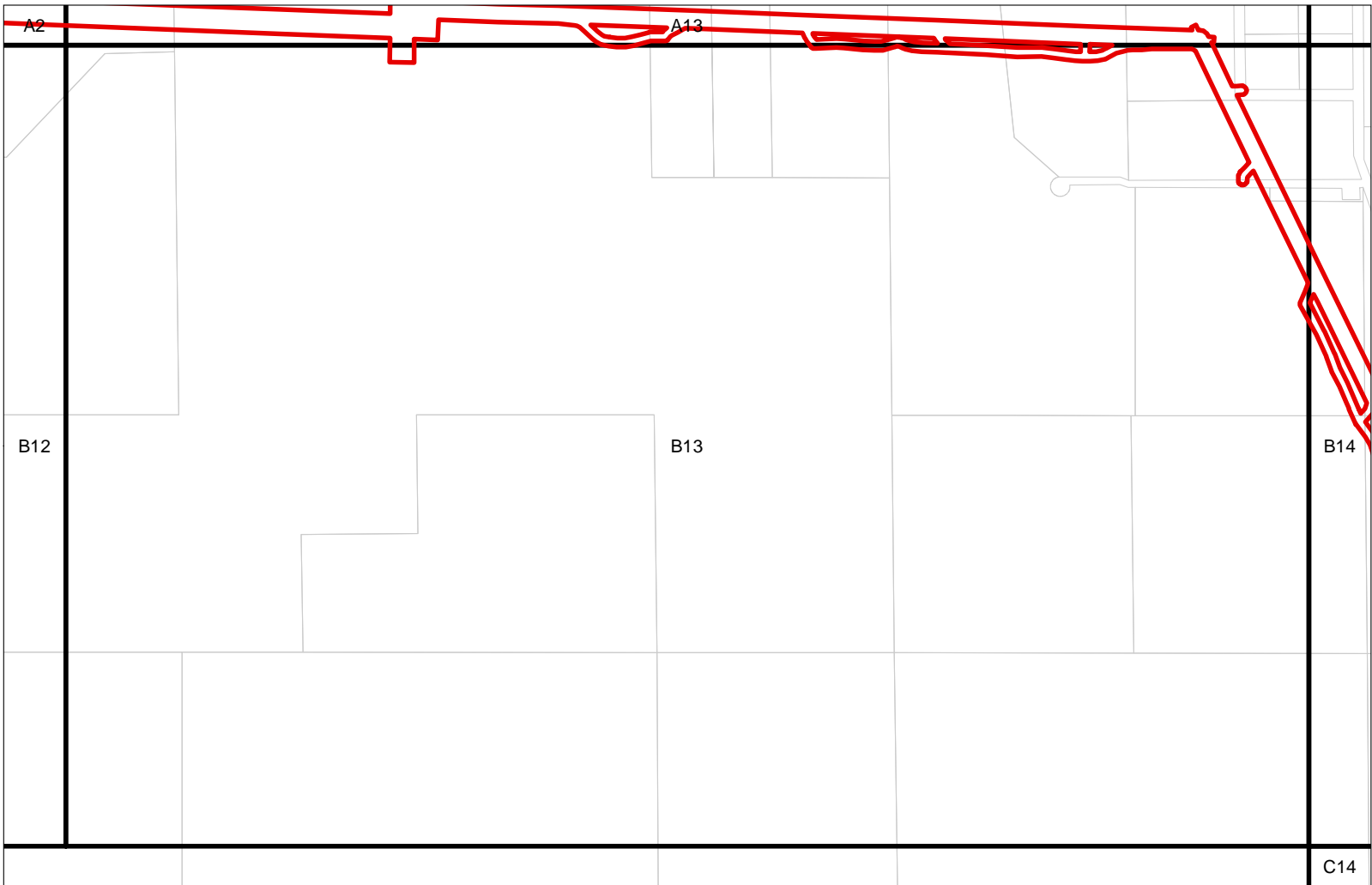


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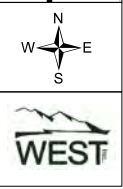


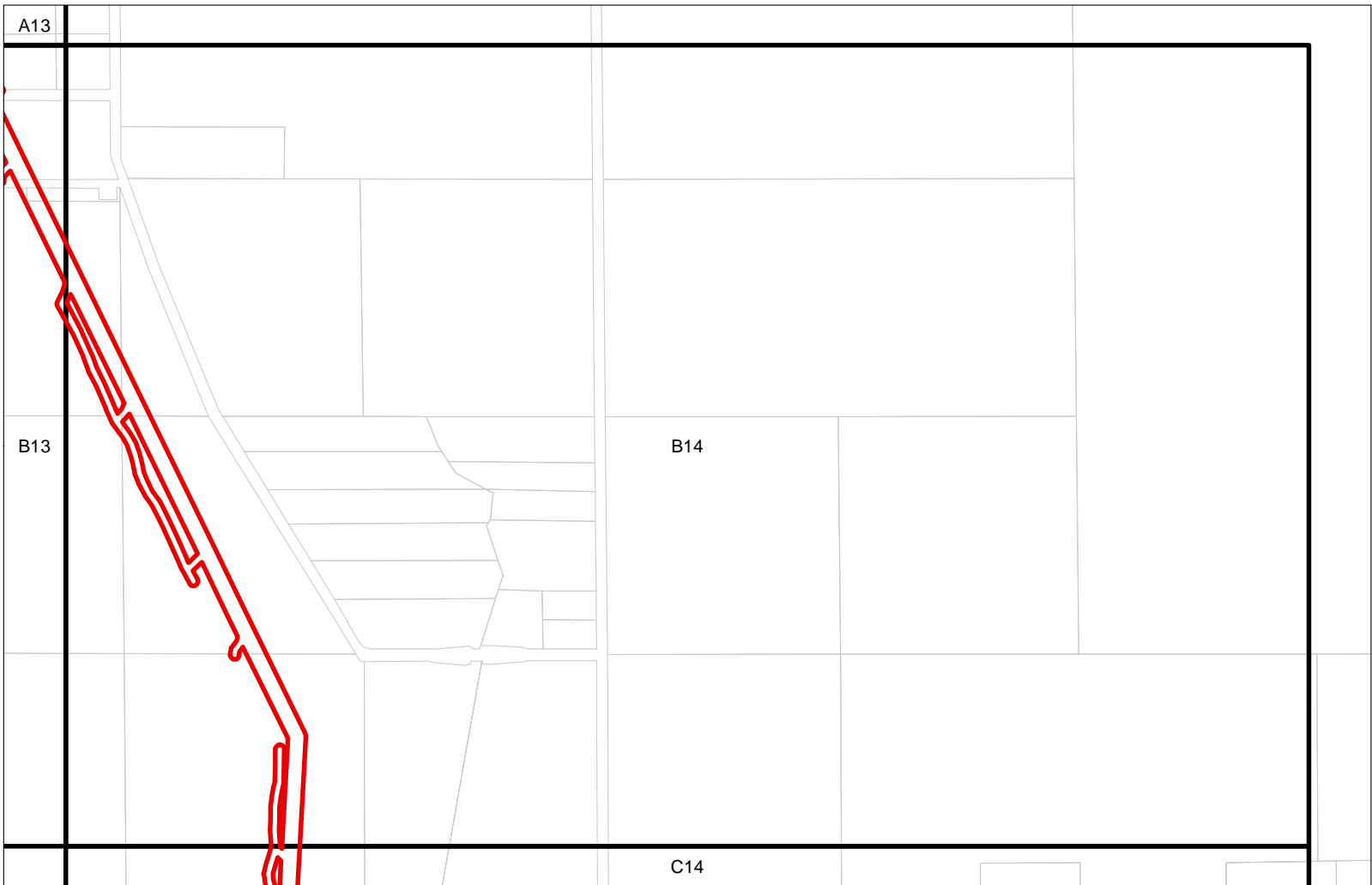


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 Tax Lots

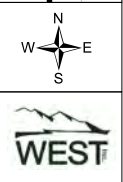
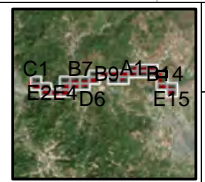




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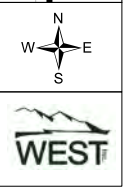


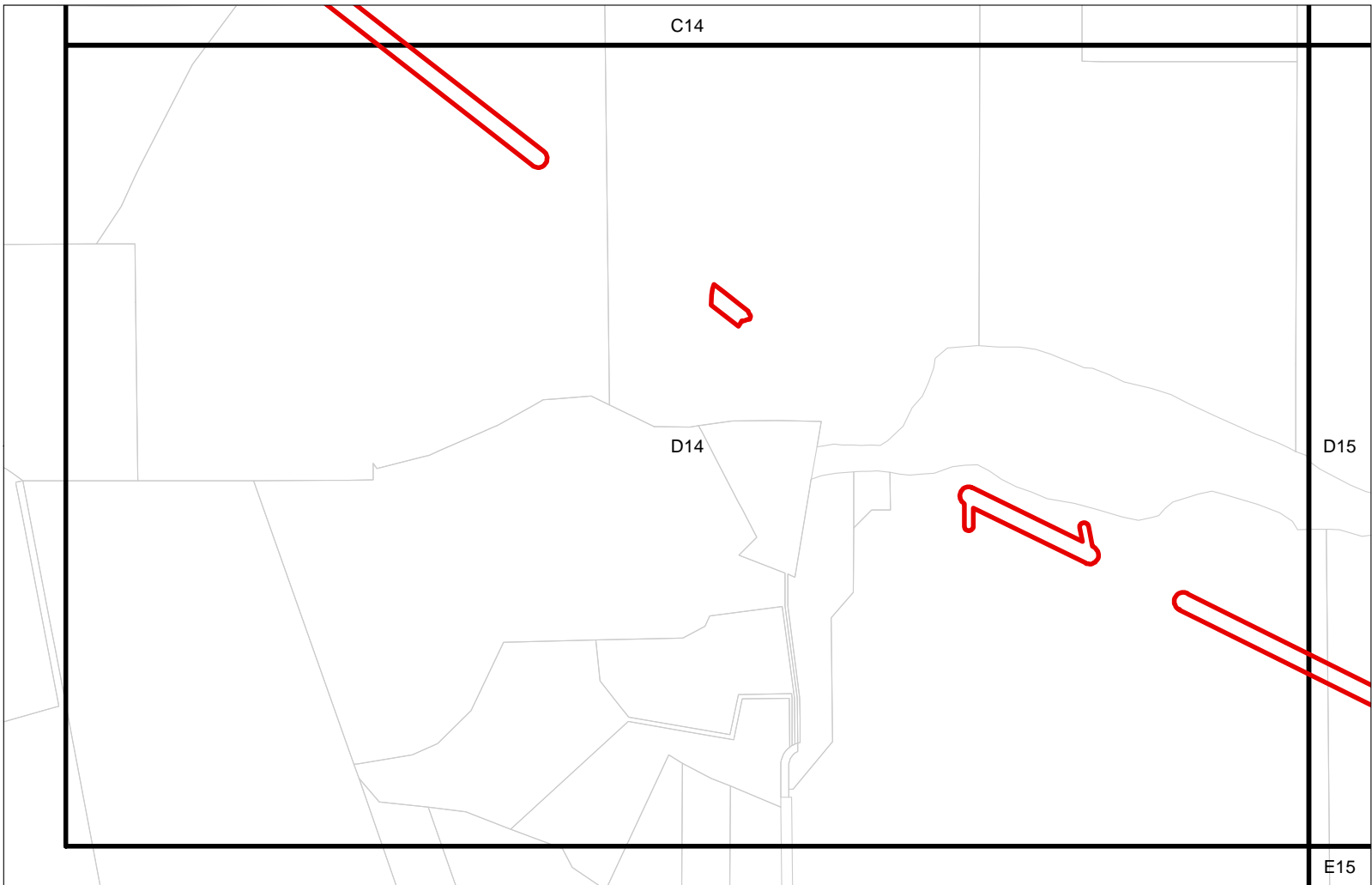
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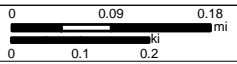
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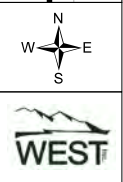
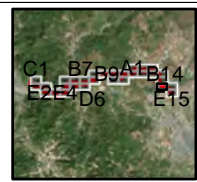


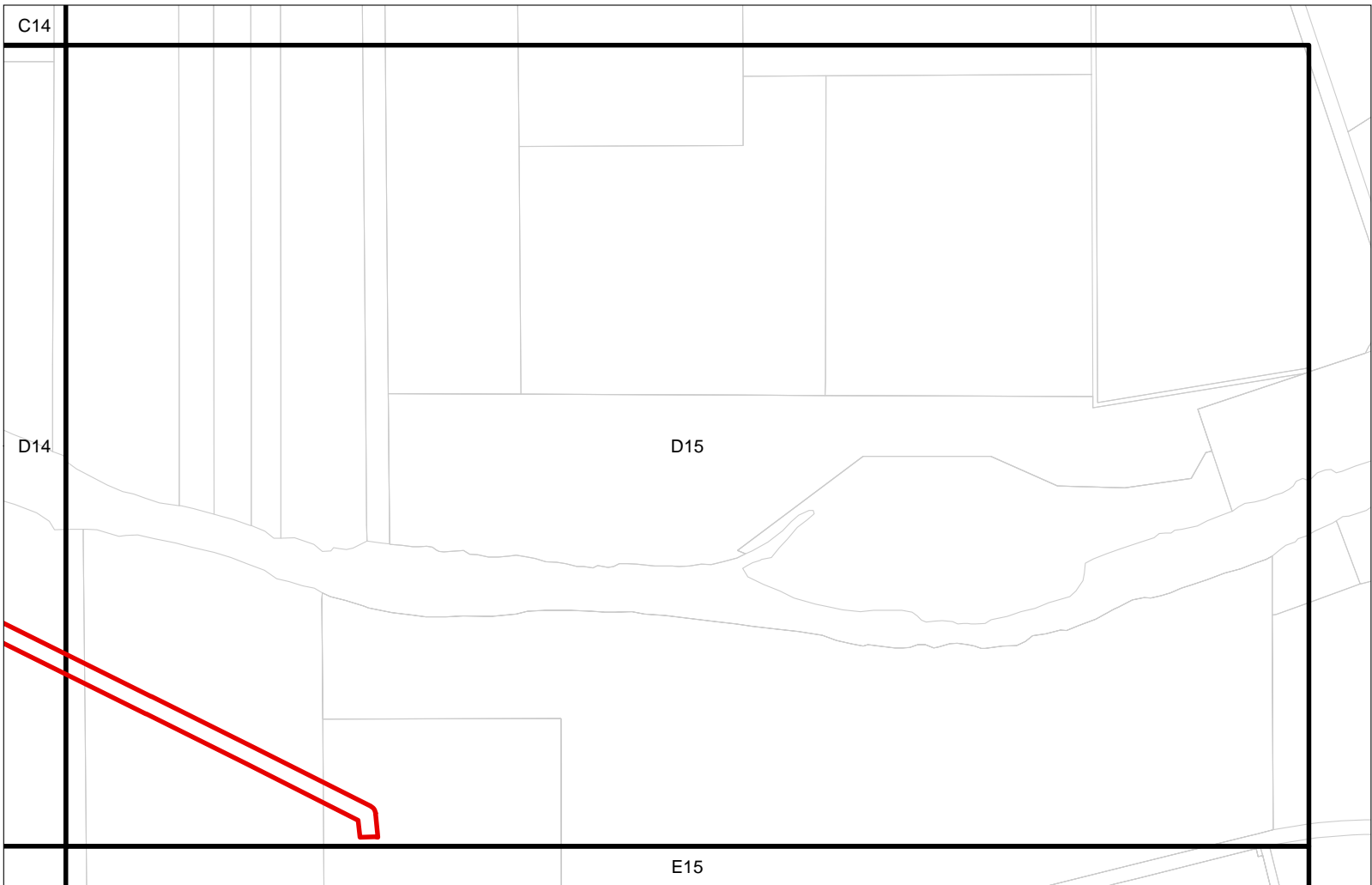
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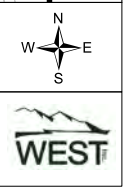


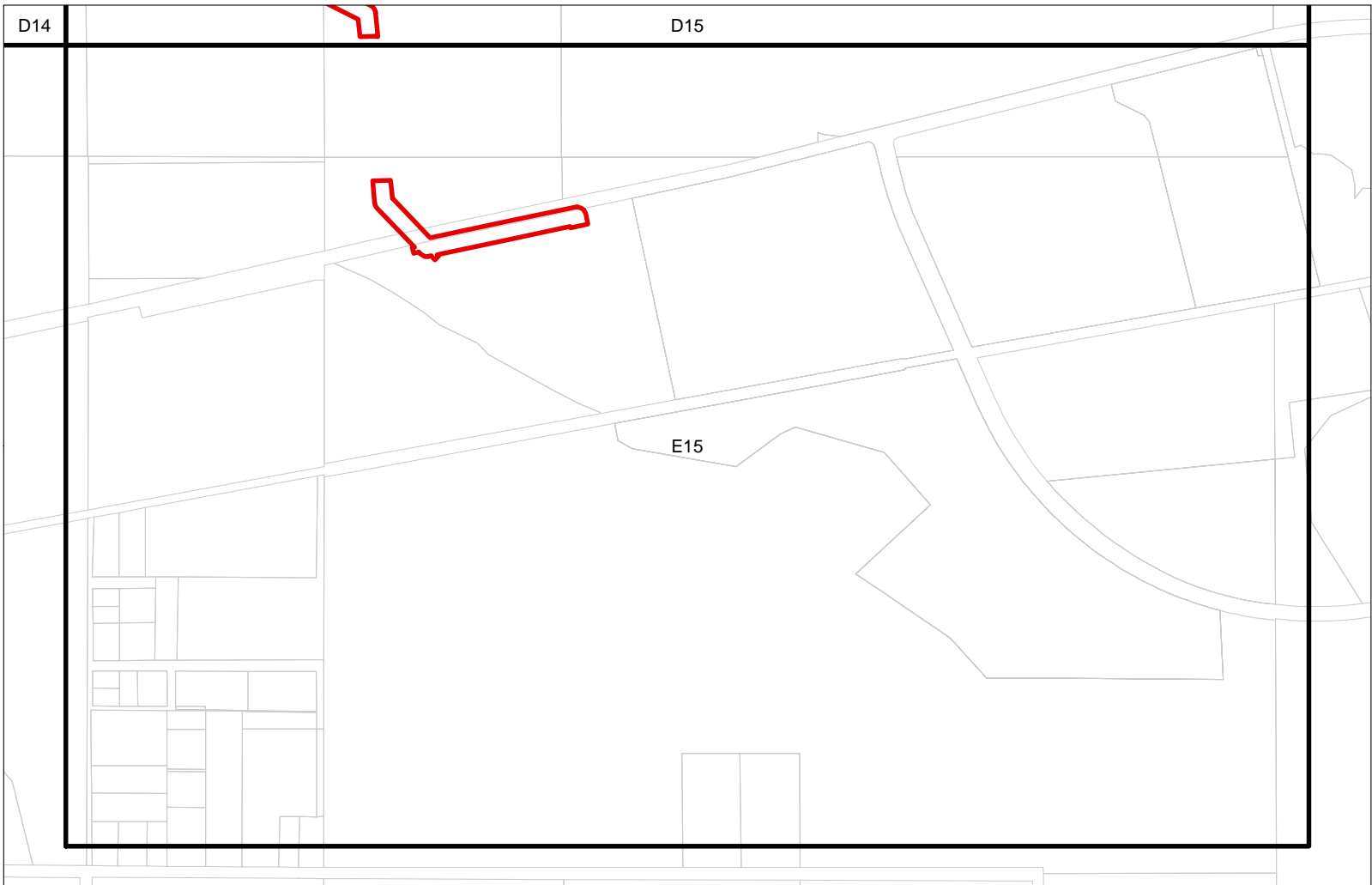
Sam's Valley Project
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