

Mainstem Trail Creek & Sub-Watershed Summaries

The Trail Creek Watershed was delineated into 59 sub-watersheds along 2nd to 4th order drainages as identified by the number IDs in **Figures 75–78**. **Appendix D** summarizes the morphological, hydrologic and sedimentological relations to identify the hillslope, hydrology and channel processes contributing to sediment yields for the mainstem Trail Creek and sub-watersheds. The summaries for each sub-watershed and the mainstem Trail Creek include:

1. ***Watershed Characteristics:***
 - a) Drainage area
 - b) Drainage density
 - c) Wildfire burn intensity
 - d) A vicinity map identifying stream types and conditions
 - e) Percent of area by aspect
2. ***Streambank Erosion:***
 - a) Percent of stream reach by annual erosion rate category and stream condition
 - b) Total streambank erosion in tons/yr
 - c) A vicinity map with the spatial location of erosion rates in tons/yr/ft
3. ***Hillslope Processes:***
 - a) Length of roads
 - b) Total sediment from roads (tons/yr)
 - c) Delivered sediment from surface erosion (tons/yr)
 - d) Total sediment from introduced hillslope sources
4. ***Hydrology:***
 - a) Bankfull discharge
 - b) Pre- and post-fire water yield
 - c) Pre- and post-fire flow-related sediment yield
 - d) Potential restoration reduction in flow-related sediment increases
5. ***Erosion Summary:***
 - a) Existing, post-fire flow-related sediment
 - b) Streambanks, roads, surface erosion and streambed sediment yields
 - c) Percent of total yield by erosion source
 - d) Overall bed stability direction (aggradation, degradation or stable)

The main purpose for the mainstem Trail Creek and sub-watershed analyses is to prioritize disproportionate sediment yields by land use, location and erosional/depositional processes to help direct potential restoration and stabilization projects.

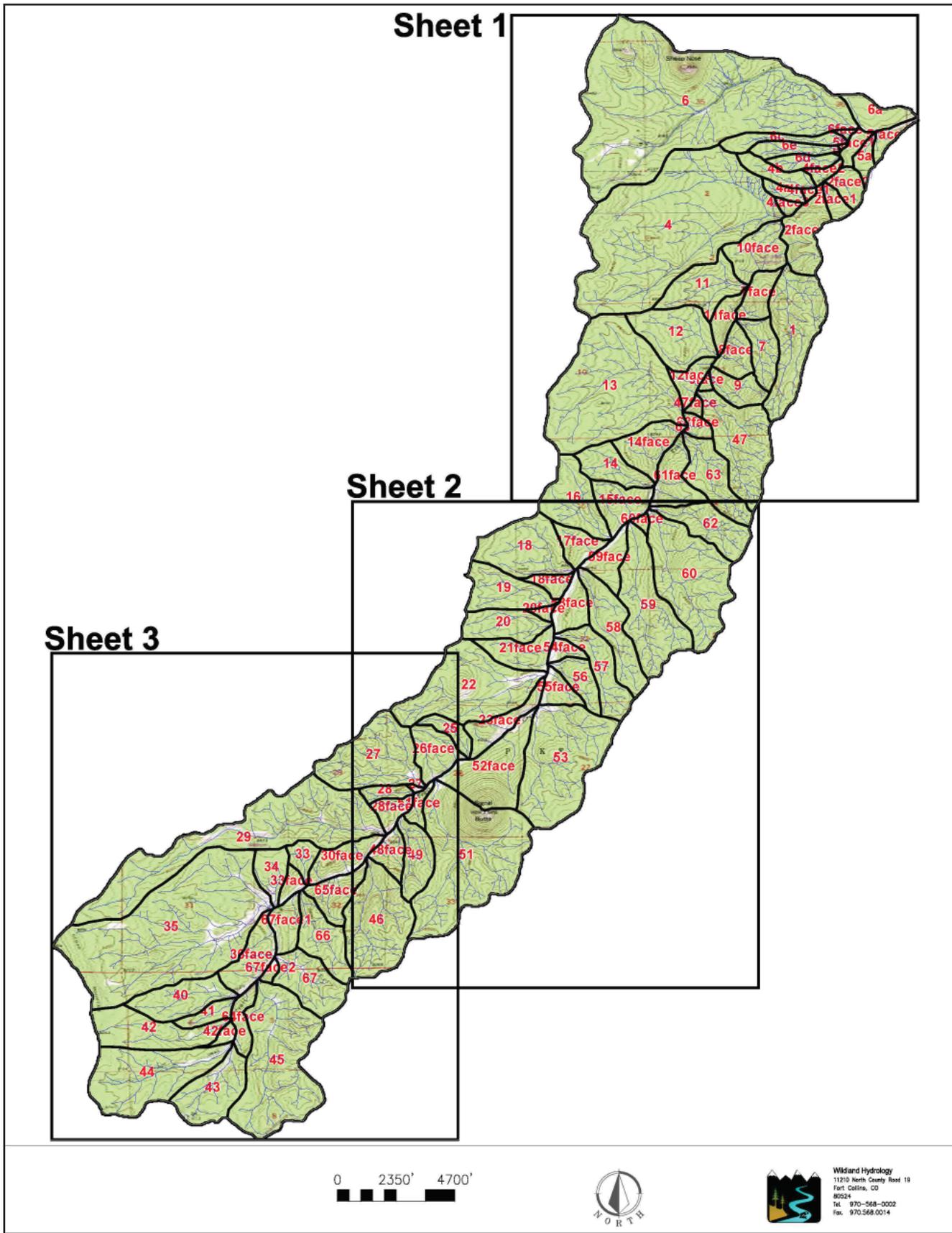


Figure 75. The sub-watershed delineation of the Trail Creek Watershed; the area in “Sheet 1” is depicted in **Figure 76**, the area in “Sheet 2” is depicted in **Figure 77**, and the area in “Sheet 3” is depicted in **Figure 78**.

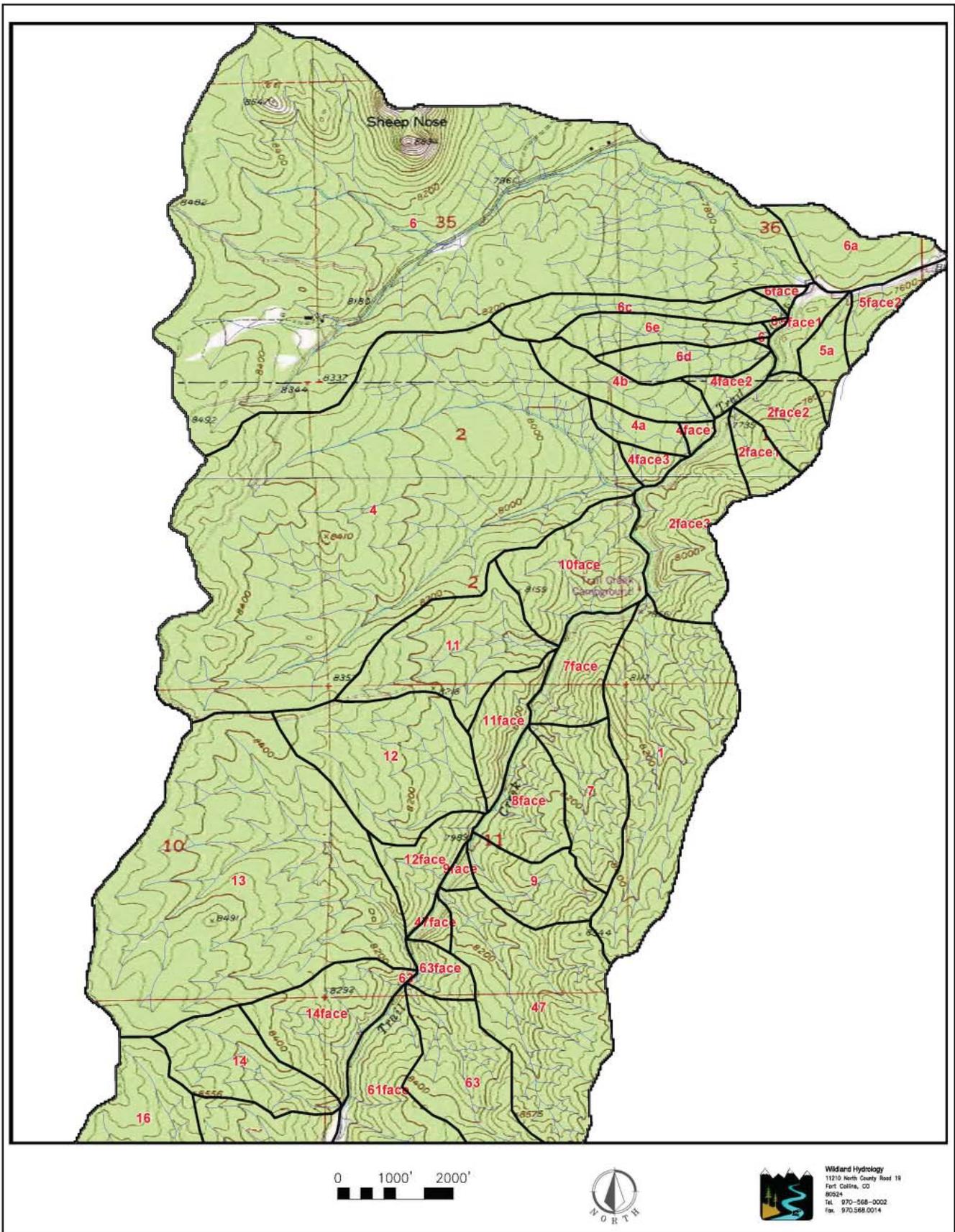


Figure 76. The sub-watershed delineation of the Trail Creek Watershed illustrating the area in “Sheet 1” in Figure 75.

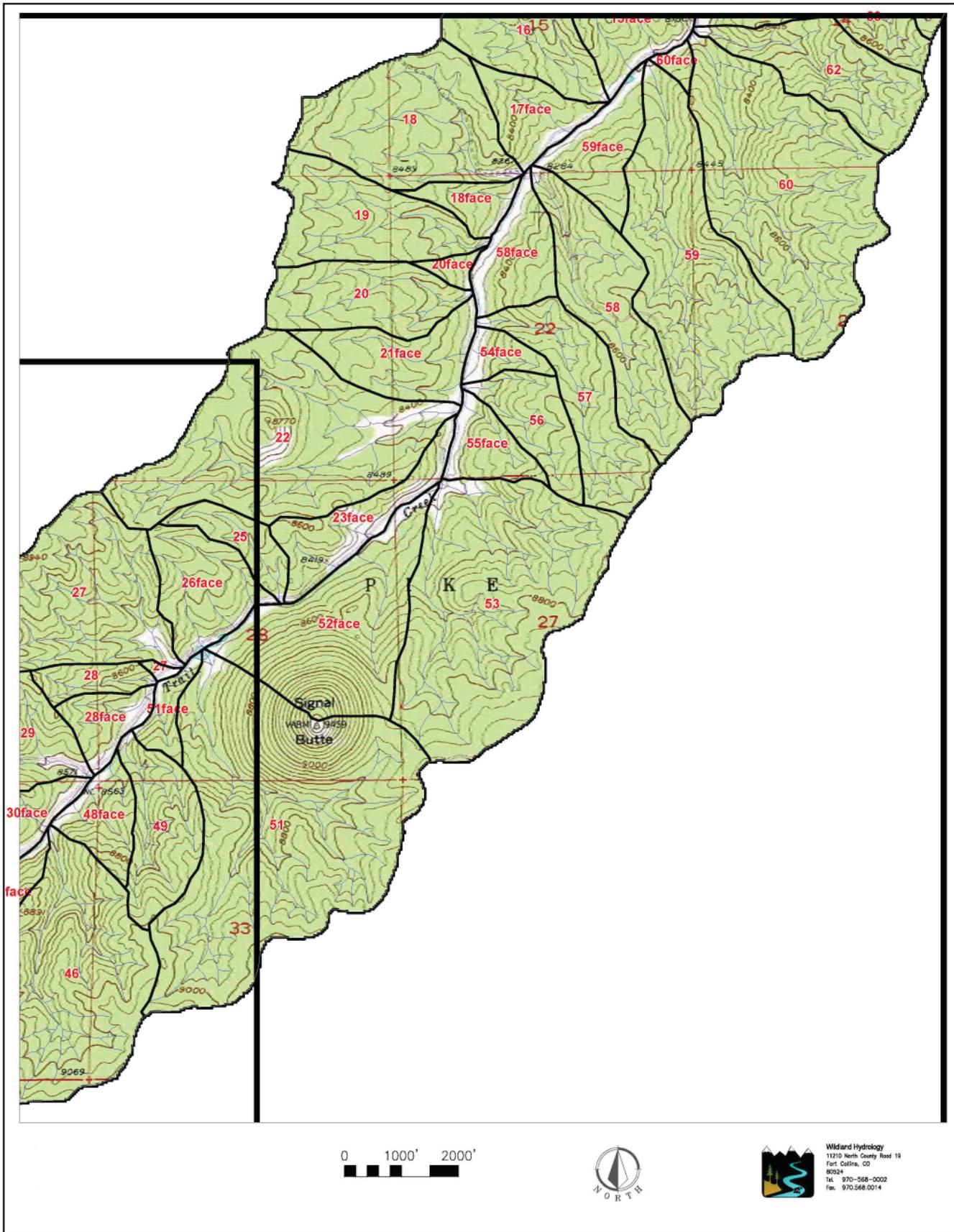


Figure 77. The sub-watershed delineation of the Trail Creek Watershed illustrating the area in “Sheet 2” in Figure 75.

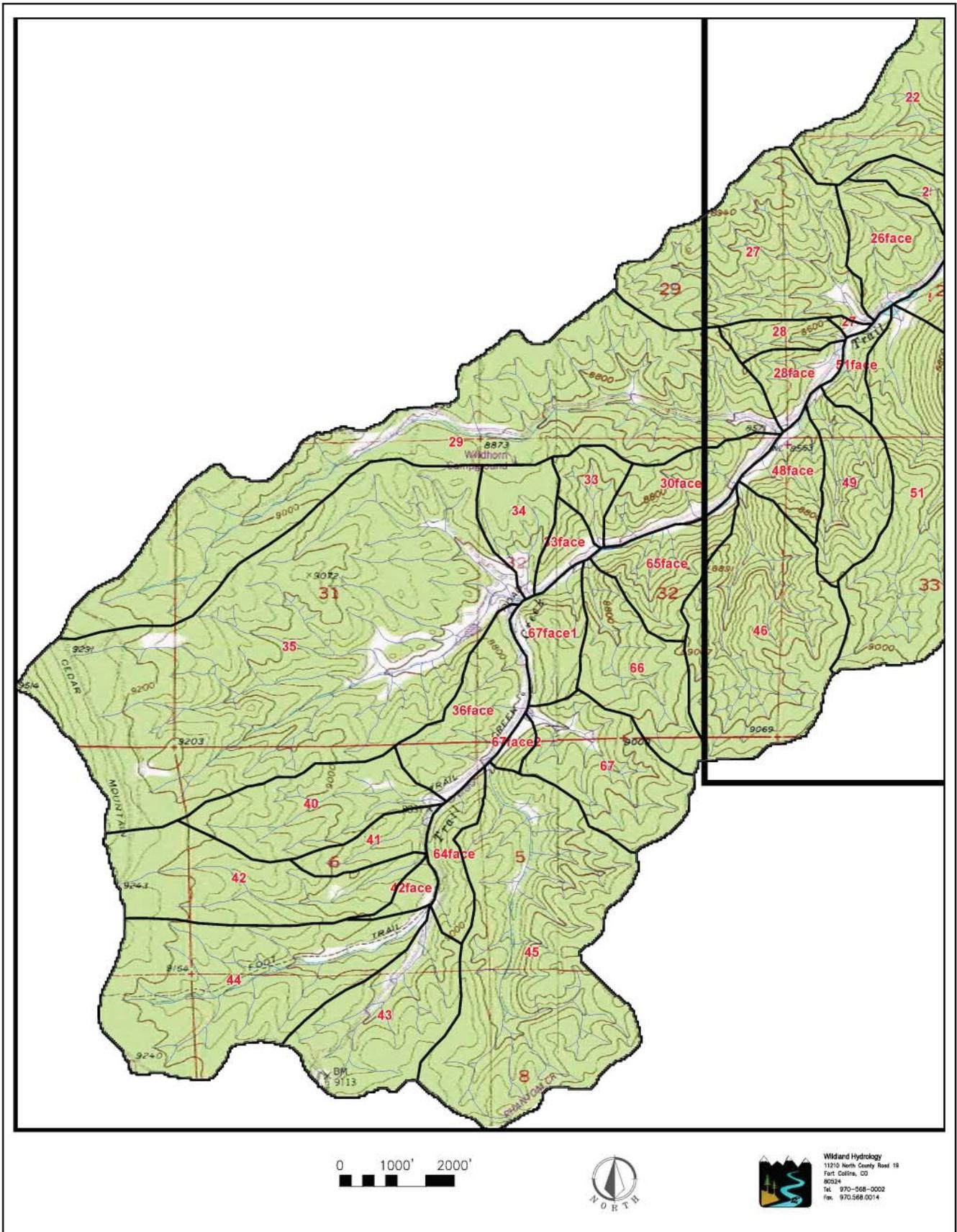


Figure 78. The sub-watershed delineation of the Trail Creek Watershed illustrating the area in "Sheet 3" in Figure 75.

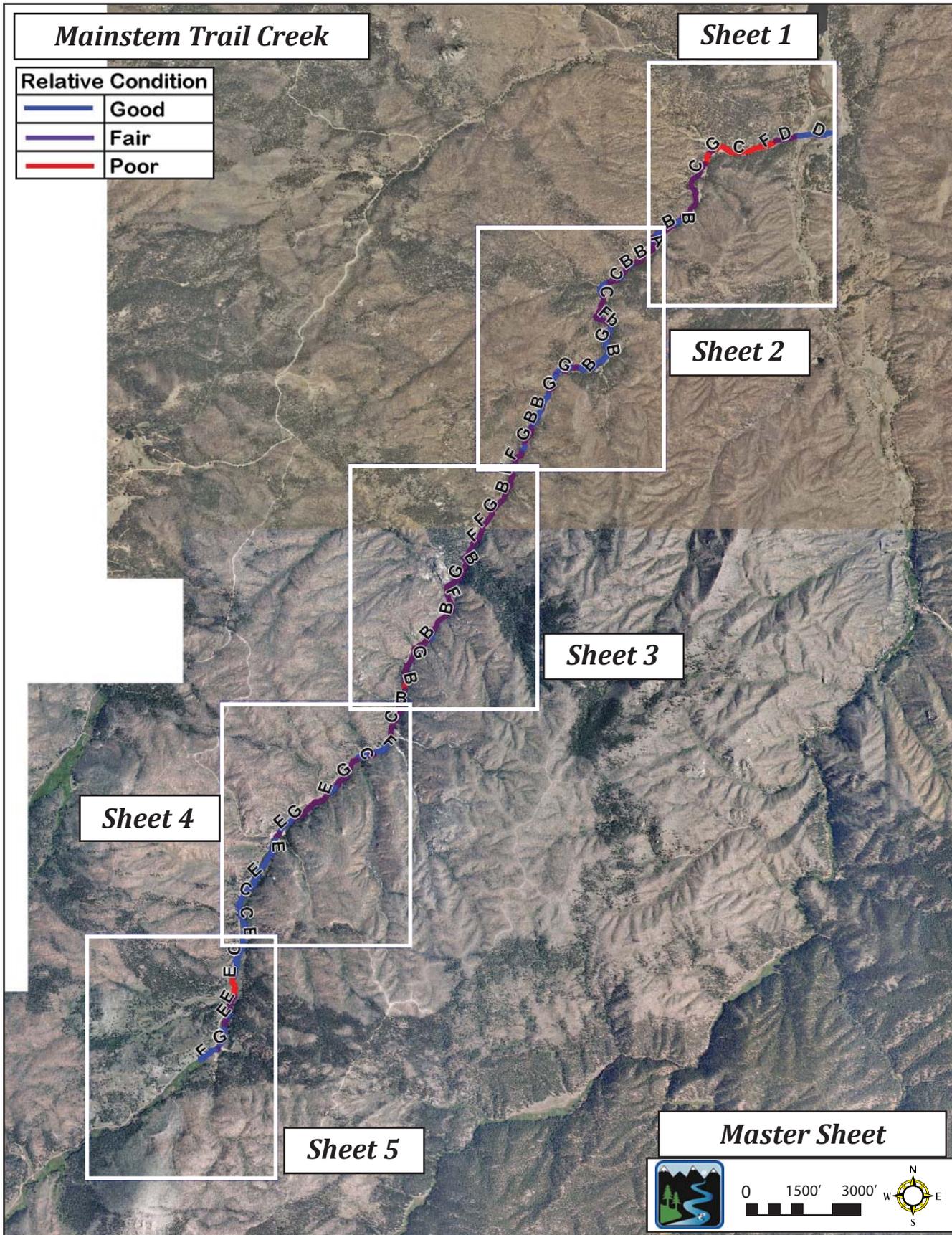
Trail Creek Watershed

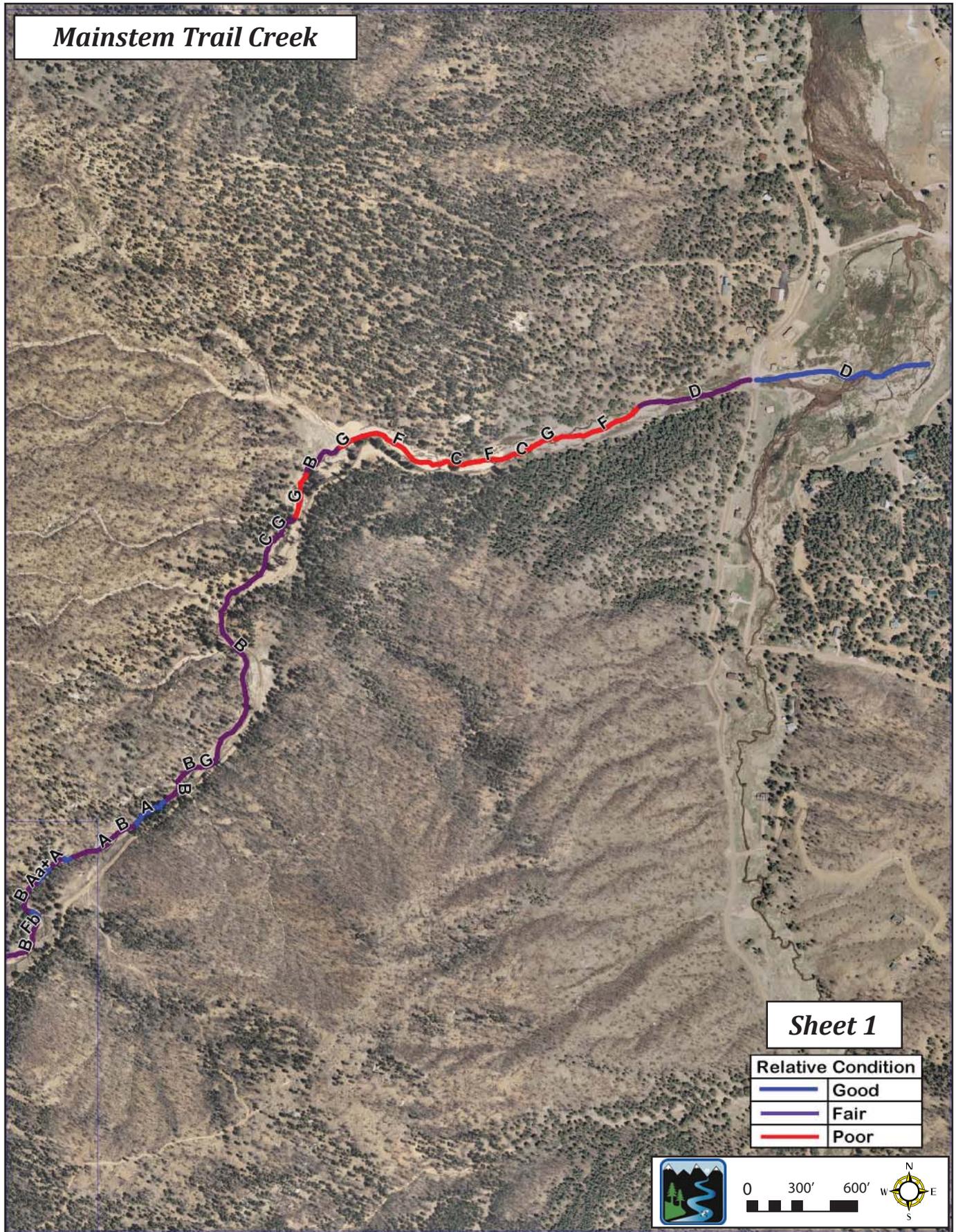
Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:												
Watershed Characteristics	Drainage Area (mi ²)	16.70		High		Moderate	Low	Unburned											
				Burn Severity (%)		8.7%	32.1%	34.3%	24.9%										
	Drainage Density	13.4		Percent of Aspect		N	NE	E	SE	S	SW	W	NW						
				13%	12%	25%	16%	6%	2%	9%	15%								
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G							
			40%	21%	4%	1%	4%	12%	2%	4%	7%	3%							
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)				18,118									
			32%	50%	17%														
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0								
Percent of Erosion Categories		4%	6%	41%	15%	13%	8%	9%	3%	1%									
Hillslope	Length of Road (ft)		64,722				Sediment from Surface Erosion (tons/yr)		2,542.4										
	Total Sediment from Roads (tons/yr)		848				Total Introduced Sediment (tons/yr)		3,390										
Hydrology	Trail Creek Watershed			N/A			N/A			N/A			N/A						
	Q _{ave} cfs	33.76	DA (mi ²)	16.7	Post-Restoration		Q _{ave} cfs		DA (mi ²)		Post-Restoration		Q _{ave} cfs		DA (mi ²)		Post-Restoration		
	Water Yield (ac-ft)	Pre-Fire	3,689	Post-Fire	6,560	Post-Restoration	6,560	Water Yield (ac-ft)	Pre-Fire		Post-Fire		Post-Restoration		Water Yield (ac-ft)	Pre-Fire		Post-Fire	
	Flow-Related Sediment (tons/yr)	1,250	20,838	5,917	Flow-Related Sediment (tons)				Flow-Related Sediment (tons)				Flow-Related Sediment (tons)						
	Totals from all Zones			Pre-Fire			Post-Fire			Total Increase			Post-Restoration			Reduction Post-Rest.			
				Water Yield (ac-ft)			3,689			6,560			2,871			6,560			
			Flow-Related Sediment (tons)			1,250			20,838			19,588			5,917				
Erosion Summary	Total Existing Water Yield (ac-ft)		6,560		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour						
	Total Existing Sediment Yield (tons/yr)		20,838		Sediment (tons/yr)		18,118		848		2,542		-670						
	Percent of Total Yield		84%		4%		12%		-3%		Deposition								

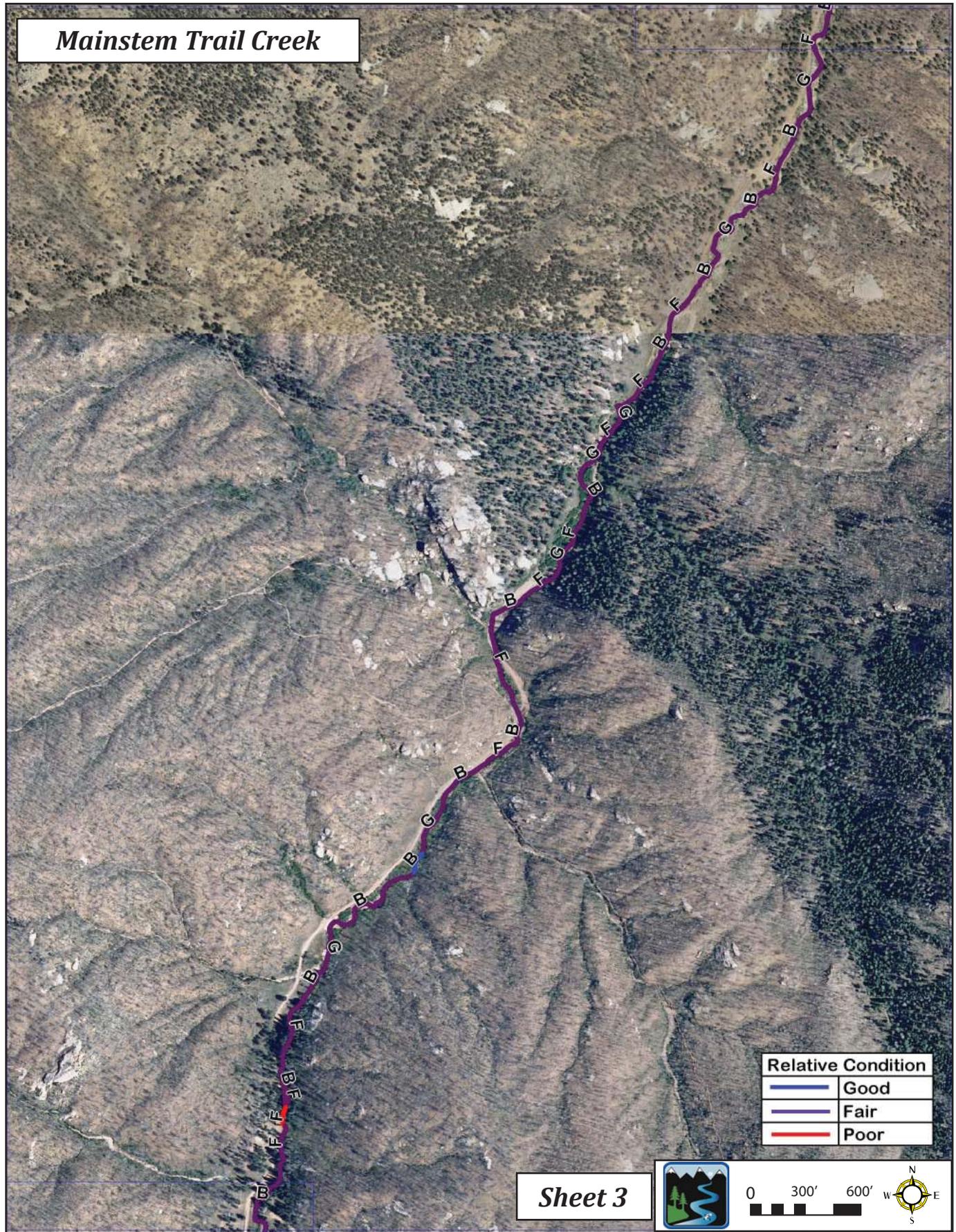
Mainstem Trail Creek

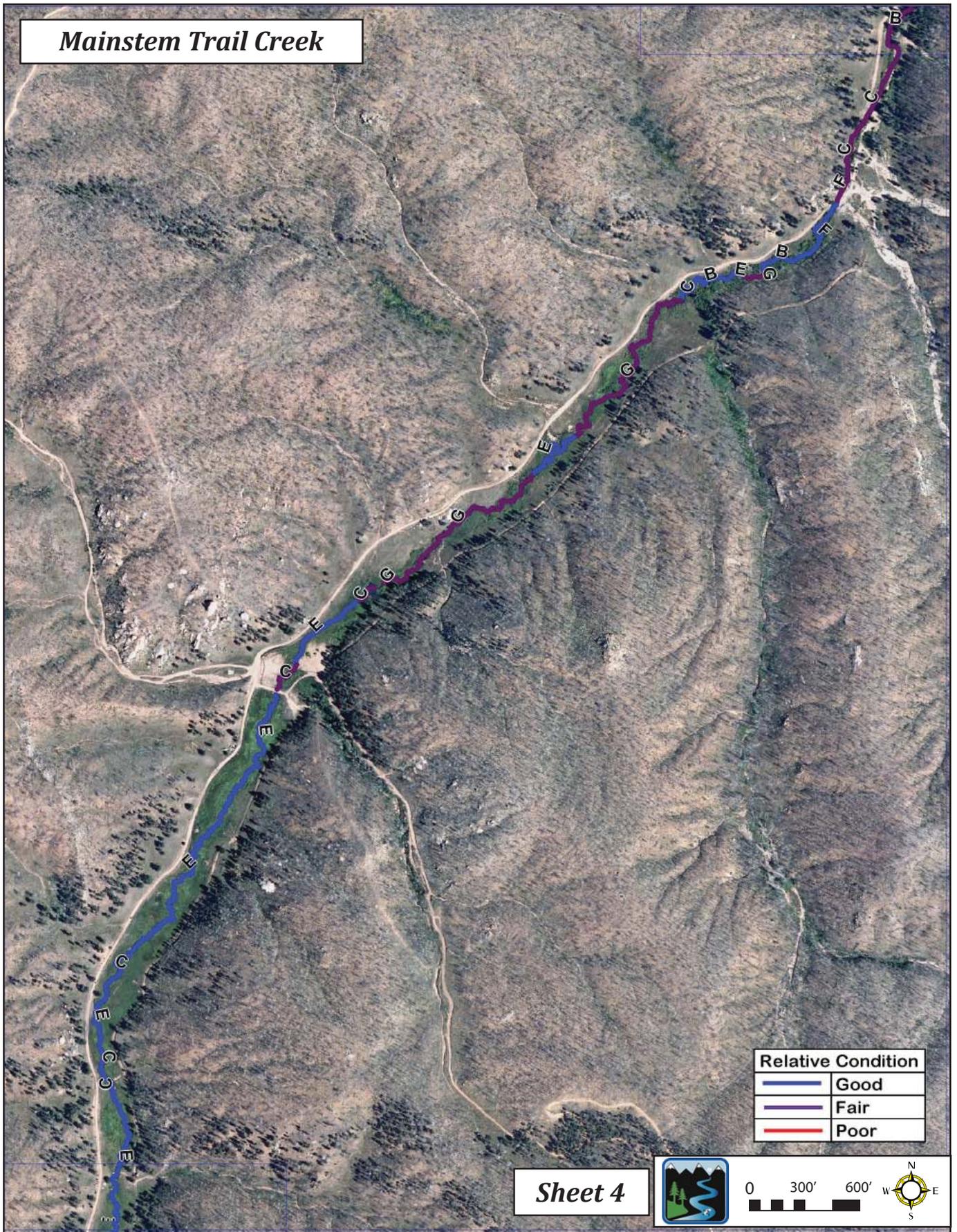
Watershed Summary		Stream: Mainstem Trail Creek		Sub-Watershed:											
Watershed Characteristics	Drainage Area (mi ²)	N/A		High	Moderate	Low	Unburned								
				Burn Severity (%)	N/A	N/A	N/A	N/A							
	Drainage Density	N/A		N	NE	E	SE	S	SW	W	NW				
				Percent of Aspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G				
	2%	5%	29%	8%	4%	0%	16%	14%	1%	23%					
Streambank Erosion		Good	Fair	Poor											
	Percent of Stream Conditions	37%	56%	7%	Total Erosion (tons/yr) 4,112										
		Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0				
	Percent of Erosion Categories	0%	3%	29%	6%	23%	15%	18%	6%	0%					
Hillslope	Length of Road (ft)	47,000		Sediment from Surface Erosion (tons/yr)				634.3							
	Total Sediment from Roads (tons/yr)	589.9		Total Introduced Sediment (tons/yr)				1,224.20							
Hydrology	N/A			N/A			N/A			N/A			N/A		
	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration
	Pre-Fire	Post-Fire		Pre-Fire	Post-Fire		Pre-Fire	Post-Fire		Pre-Fire	Post-Fire		Pre-Fire	Post-Fire	
	Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)		
	Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons)			Flow-Related Sediment (tons)			Flow-Related Sediment (tons)			Flow-Related Sediment (tons)		
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.							
			Water Yield (ac-ft)	N/A	N/A	N/A	N/A								
			Flow-Related Sediment (tons)	N/A	N/A	N/A	N/A								
Erosion Summary	Total Existing Water Yield (ac-ft)		N/A		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour						
	Total Existing Sediment Yield (tons/yr)		N/A		Sediment (tons/yr)	4,031	589.9	634	N/A	N/A					
					Percent of Total Yield	77%	11%	12%	N/A						

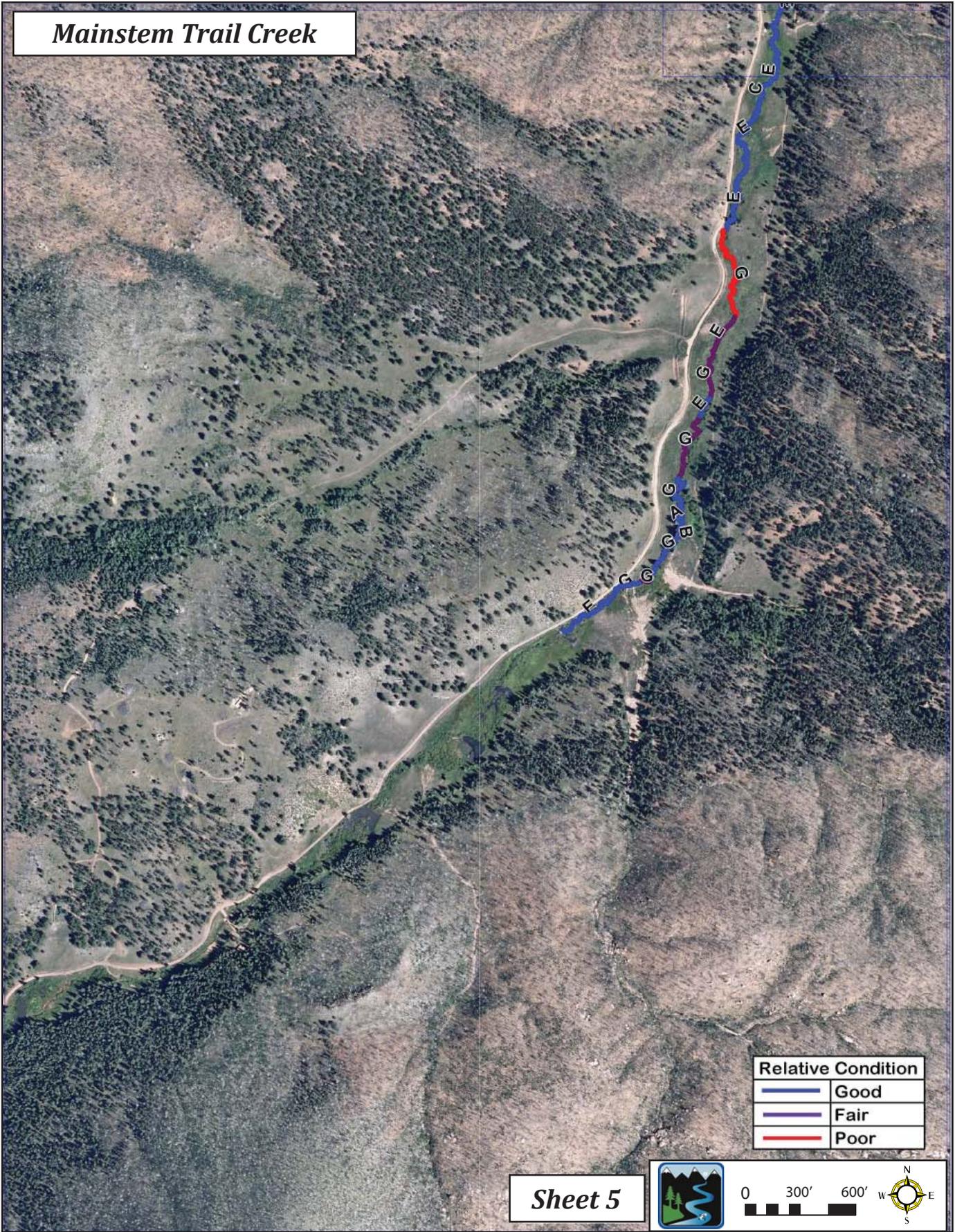
Stream Types & Relative Condition



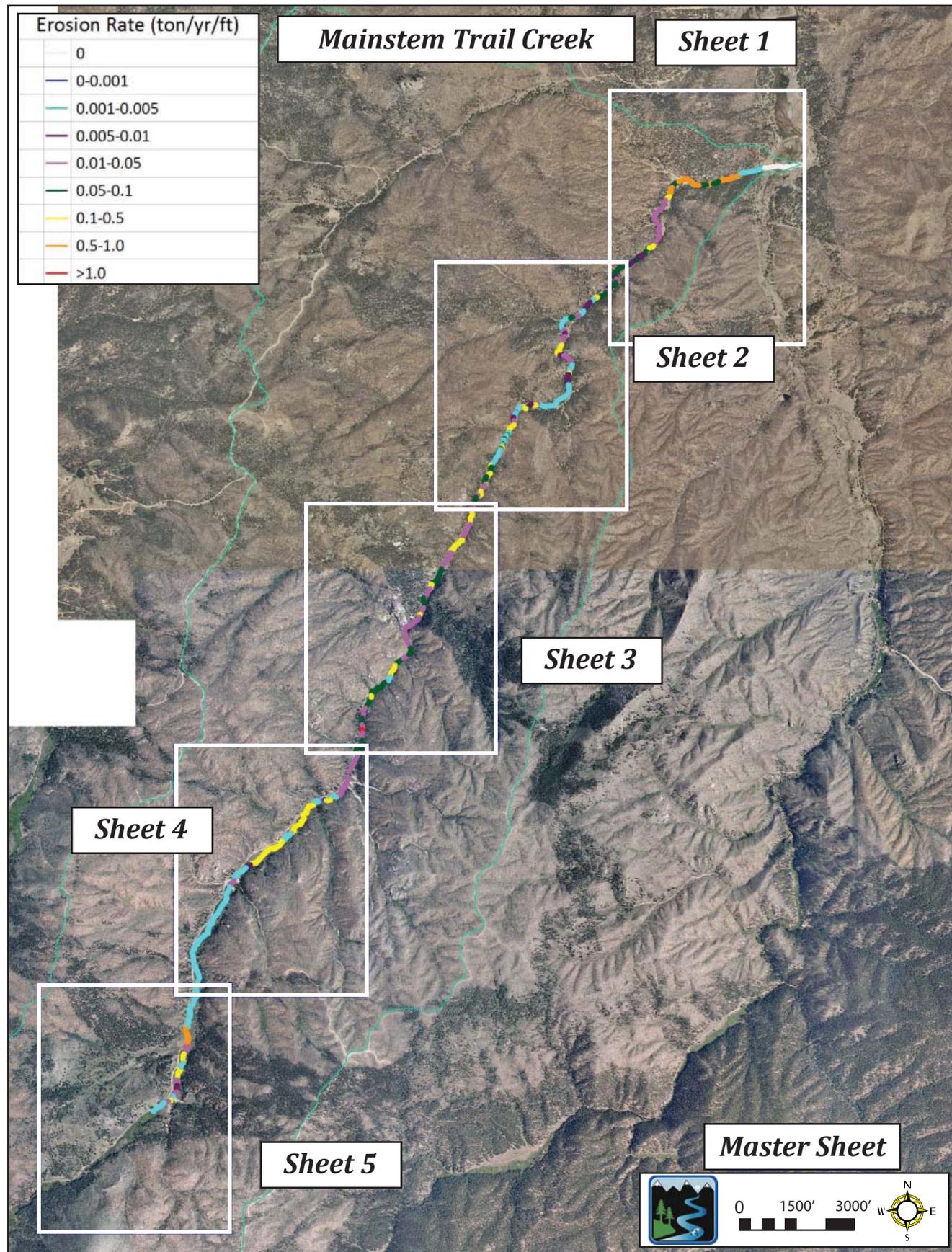


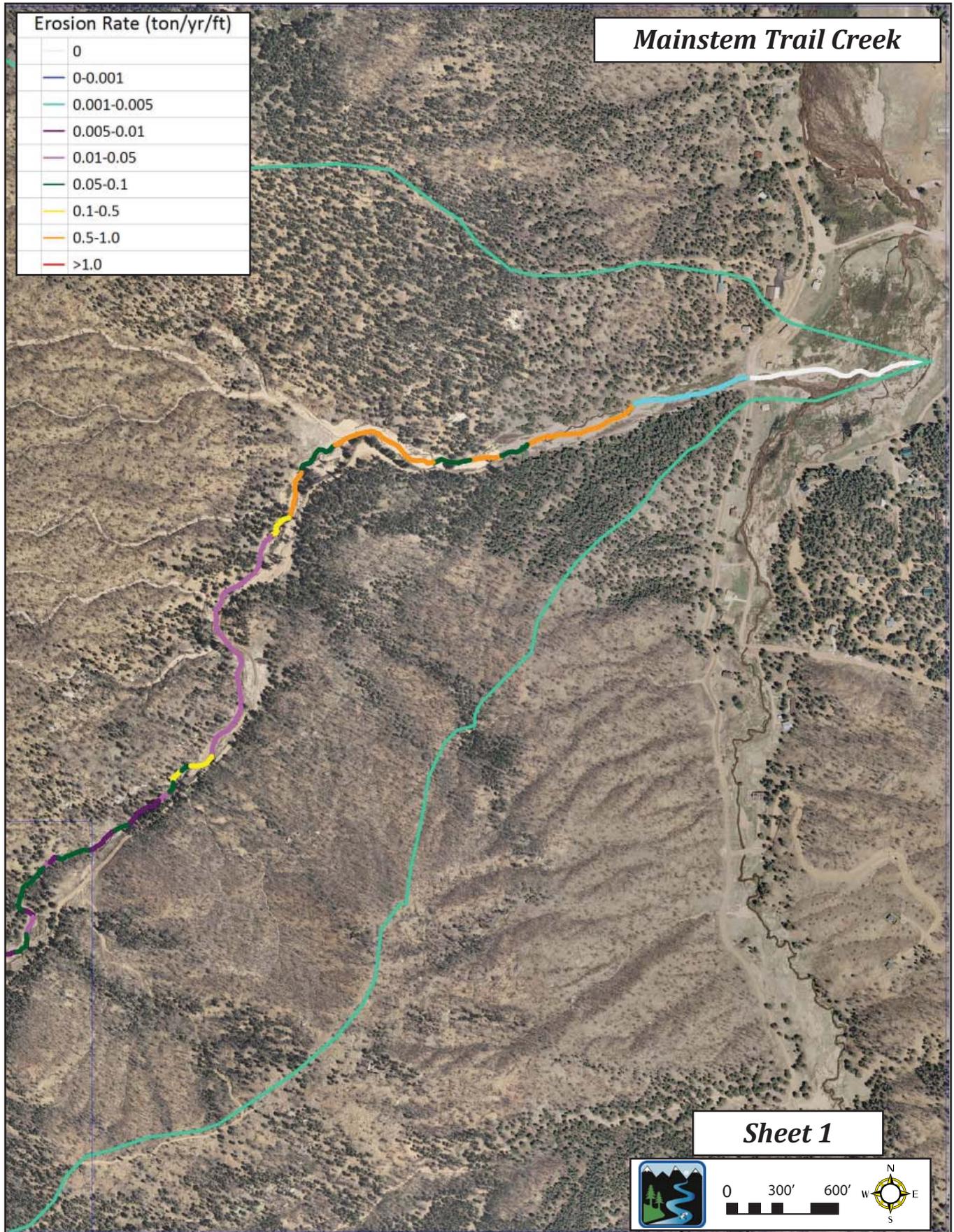


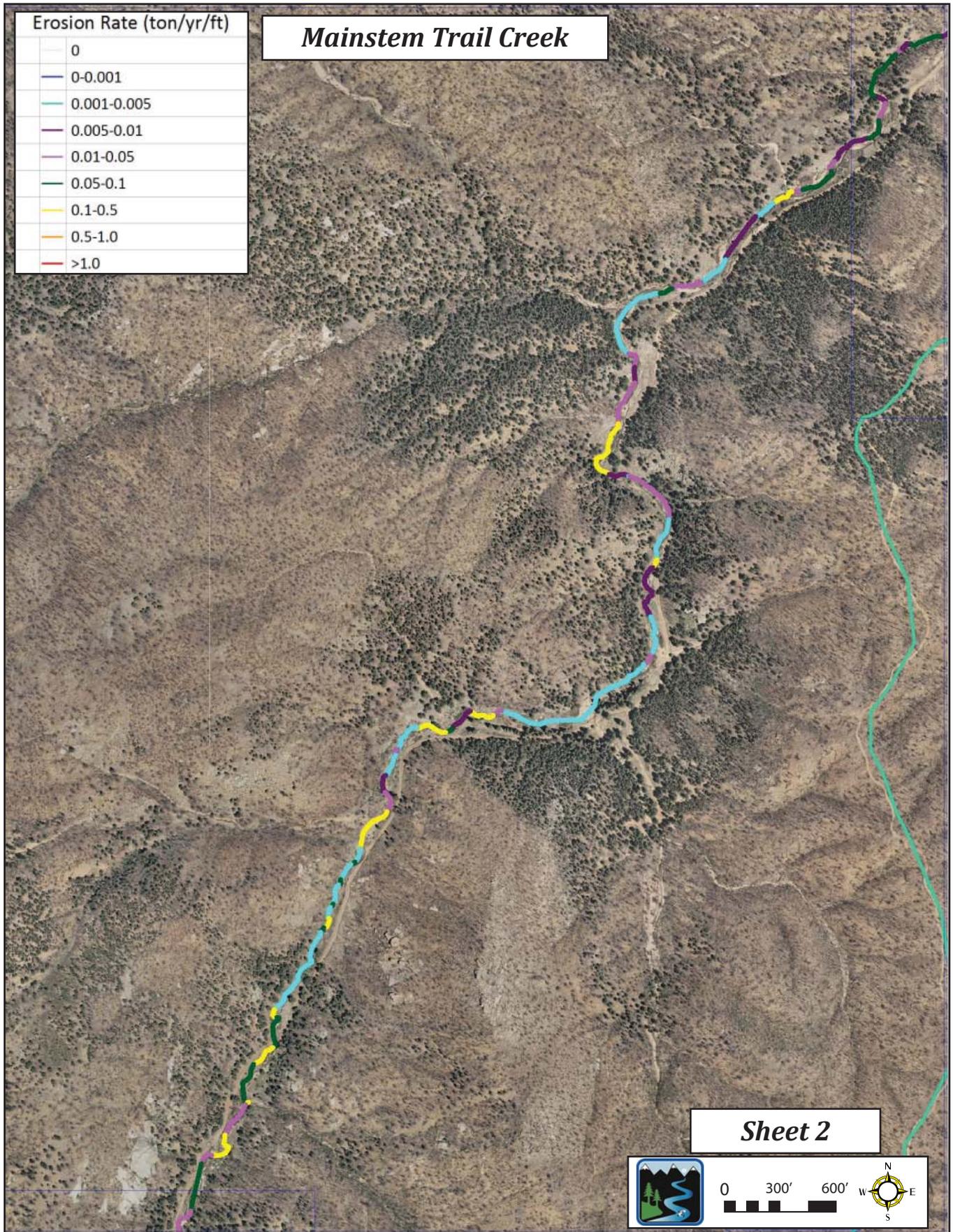


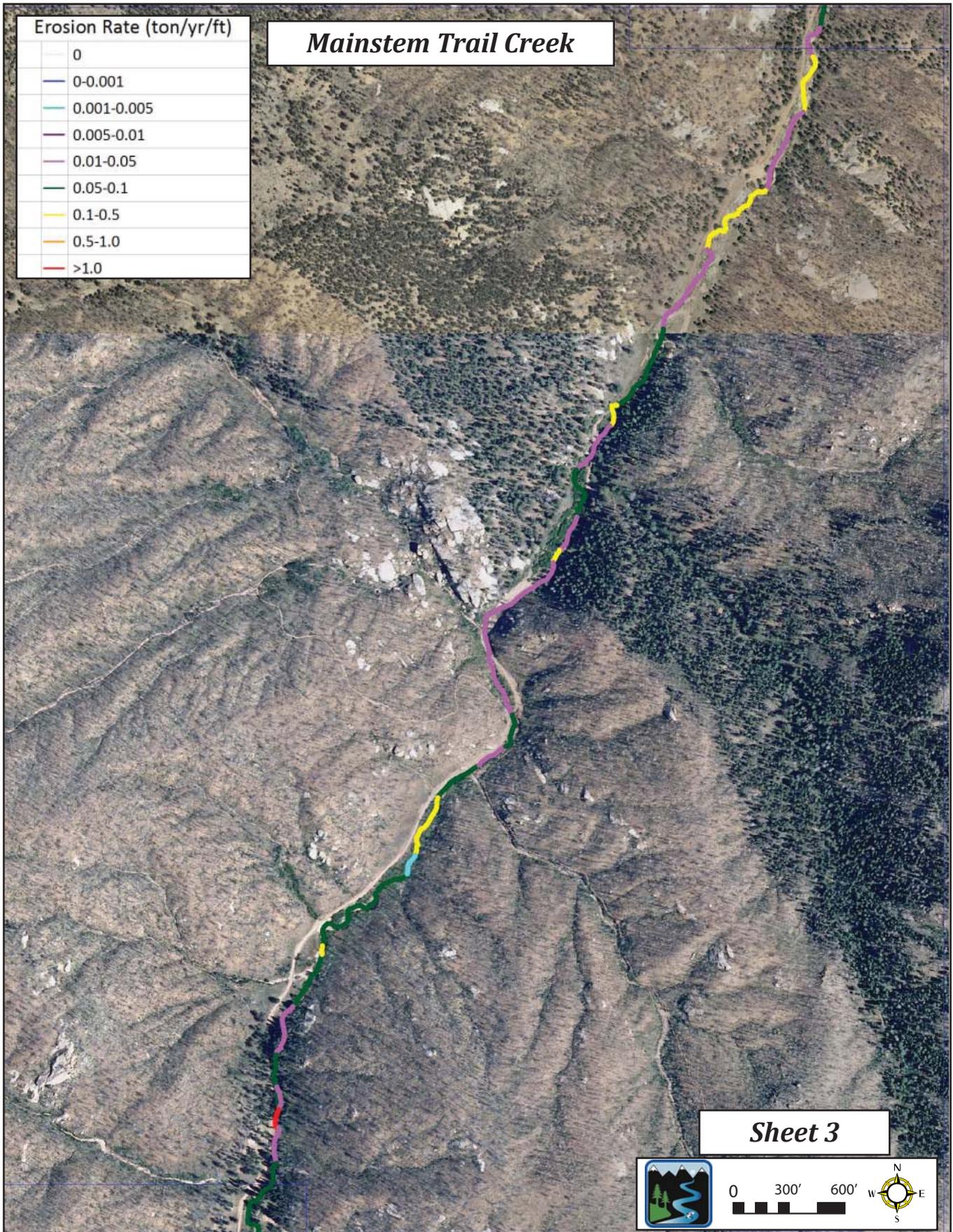


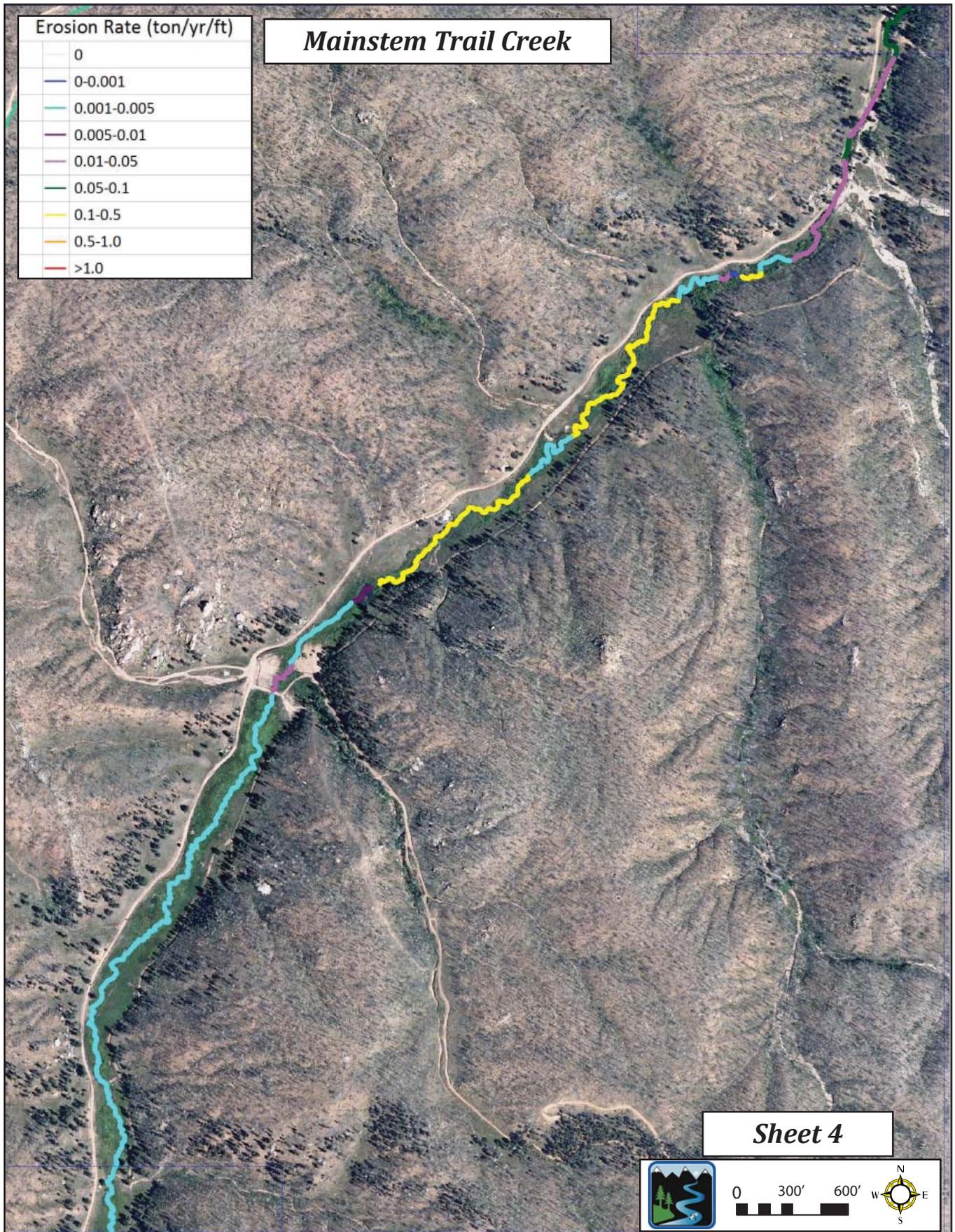
Streambank Erosion Rates (tons/yr/ft)

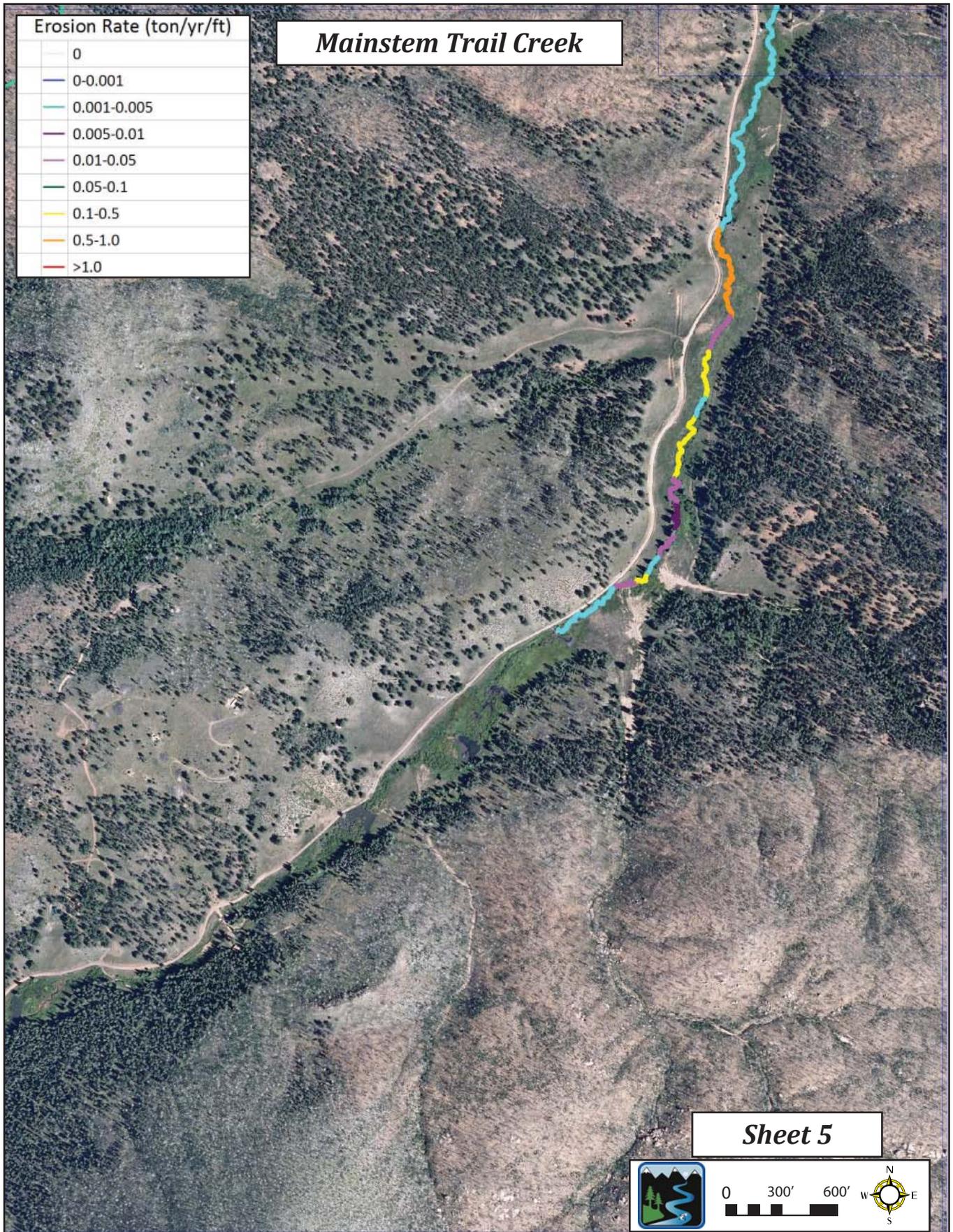








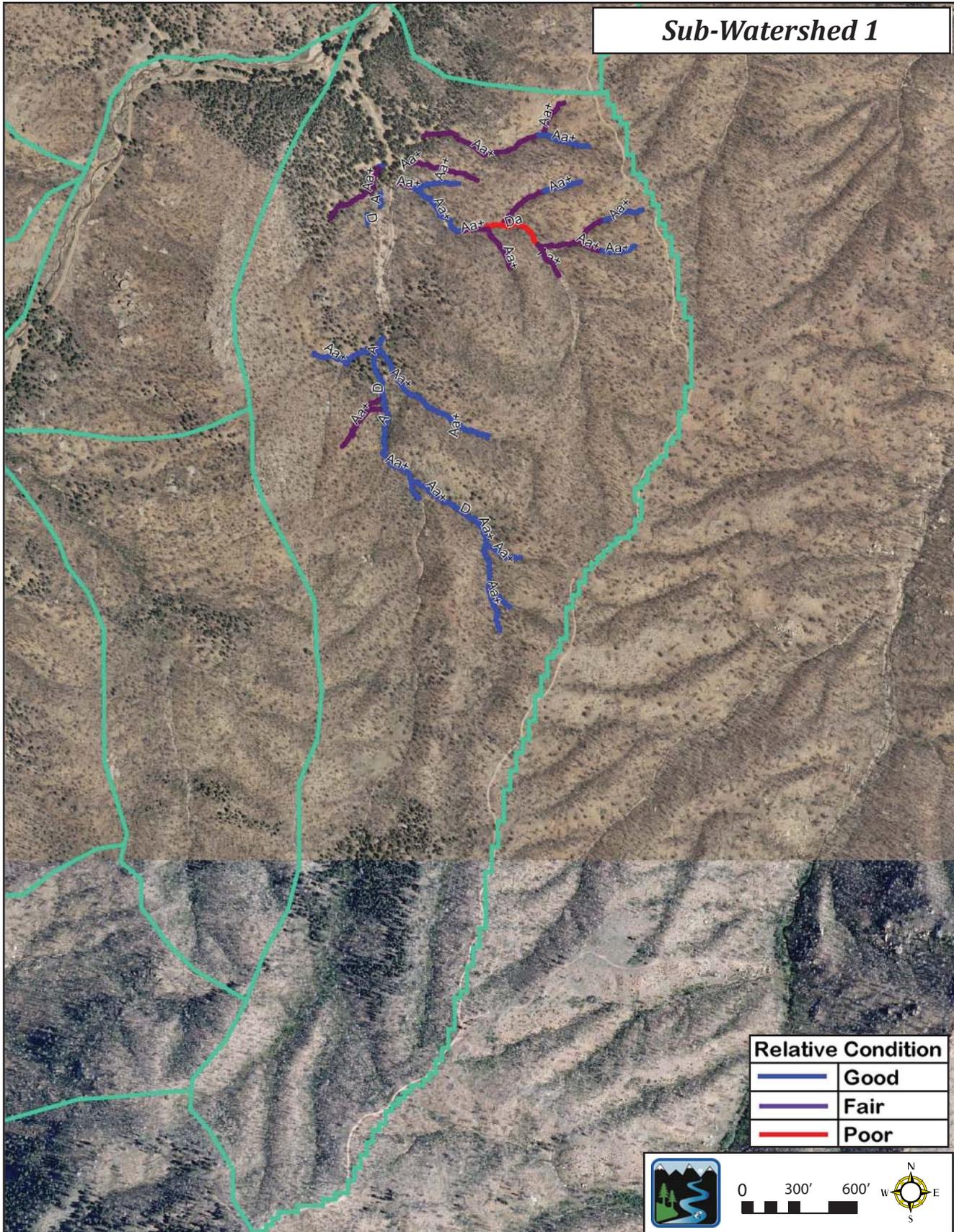




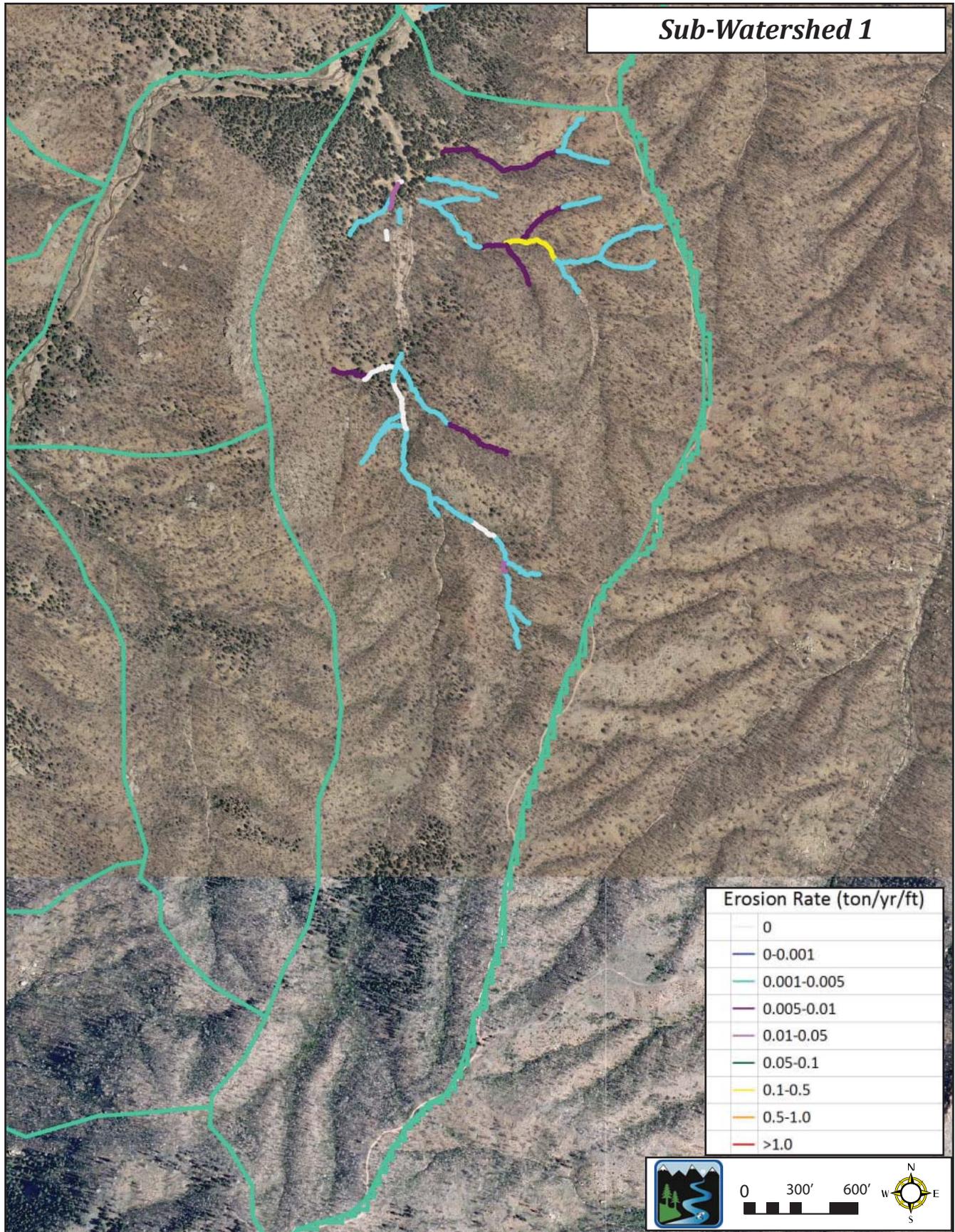
Sub-Watershed 1

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 1														
Watershed Characteristics	Drainage Area (mi ²)	0.38															
	Drainage Density	13.9															
	Burn Severity (%)	High	Moderate	Low	Unburned												
		3.0%	59.0%	25.0%	13.0%												
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW								
		20%	27%	3%	0%	0%	0%	15%	36%								
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G						
		88%	3%	0%	0%	6%	3%	0%	0%	0%	0%						
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)				144								
		57%	40%	3%													
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0							
	Percent of Erosion Categories	0%	6%	68%	18%	5%	0%	3%	0%	0%							
Hillslope	Length of Road (ft)	2,250		Sediment from Surface Erosion (tons/yr)		65.7											
	Total Sediment from Roads (tons/yr)	0.94		Total Introduced Sediment (tons/yr)		67											
Hydrology	Zone A			N/A			N/A			N/A			N/A				
	Q ₁₀₀ cfs	4.63	DA (mi ²)	0.318	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration
	Pre-Fire	505	Post-Fire	583	583	Pre-Fire	Post-Fire	Restoration	Pre-Fire	Post-Fire	Restoration	Pre-Fire	Post-Fire	Restoration	Pre-Fire	Post-Fire	Restoration
	Water Yield (ac-ft)	505	583	583	Water Yield (ac-ft)				Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)		
	Flow-Related Sediment (tons/yr)	15	362	107	Flow-Related Sediment (tons)				Flow-Related Sediment (tons)			Flow-Related Sediment (tons)			Flow-Related Sediment (tons)		
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.									
			505	583	78	583											
			15	362	347	107	-255										
Erosion Summary	Total Existing Water Yield (ac-ft)		583		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour				
	Total Existing Sediment Yield (tons/yr)		362		Sediment (tons/yr)		144		1		66		152				
				Percent of Total Yield		68%		0%		31%		42%		Scour			
Hydrologic Zones of Watershed																	

Stream Types & Relative Condition



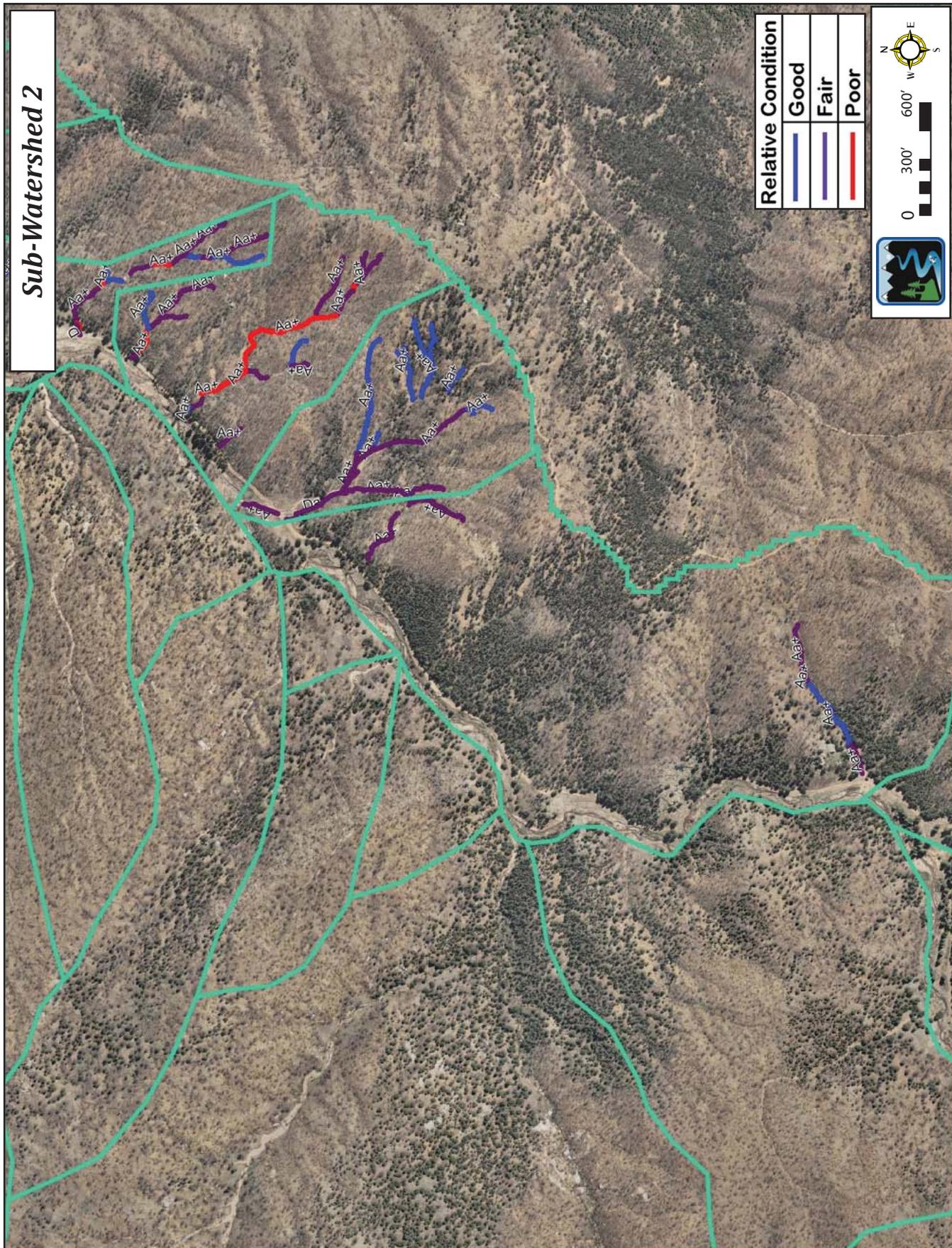
Streambank Erosion Rates (tons/yr/ft)

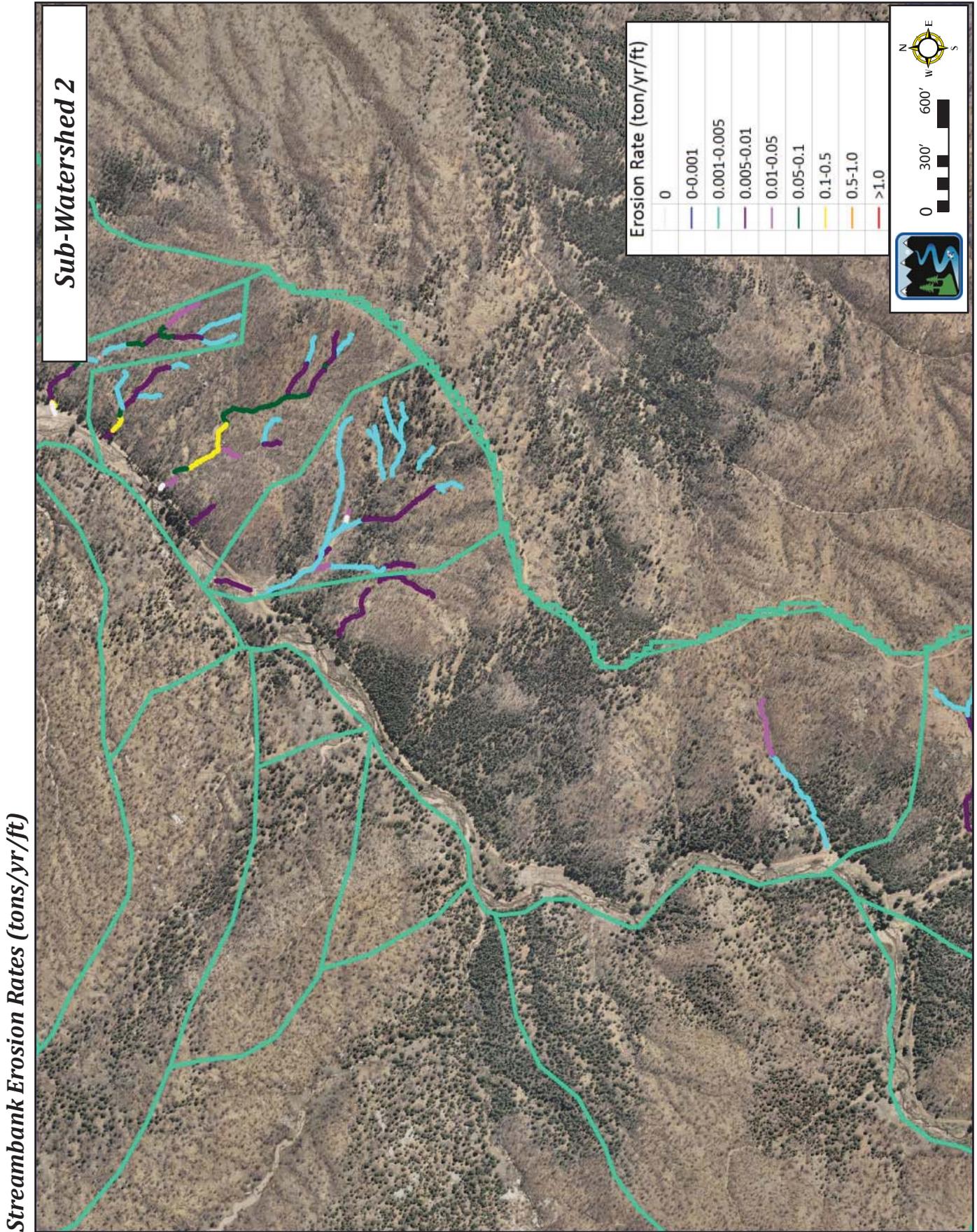


Sub-Watershed 2

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 2																
Watershed Characteristics	Drainage Area (mi ²)	0.24		High	Moderate	Low	Unburned													
	Drainage Density	9.36		Burn Severity (%)																
				1.3%	12.3%	68.1%	18.3%													
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW											
		22%	0%	2%	2%	0%	0%	13%	60%											
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G										
	95%	0%	0%	0%	0%	4%	0%	0%	1%	0%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)			160												
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0										
	Percent of Erosion Categories	0%	4%	42%	36%	4%	8%	5%	0%	0%										
Hillslope	Length of Road (ft)	1,250		Sediment from Surface Erosion (tons/yr)		7.3														
	Total Sediment from Roads (tons/yr)	3		Total Introduced Sediment (tons/yr)		11														
Hydrology	Zone A			Zone B			N/A			N/A			N/A							
	Q _{pre} cfs	1.97	DA (mi ²)	0.058	Post-Restoration	Q _{pre} cfs	3.2	DA (mi ²)	0.153	Post-Restoration	Q _{pre} cfs		DA (mi ²)		Post-Restoration	Q _{pre} cfs		DA (mi ²)		Post-Restoration
	Pre-Fire	215	Post-Fire	232	Restoration	232	Pre-Fire	350	Post-Fire	366	Restoration	366	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire	Restoration
	Water Yield (ac-ft)					Water Yield (ac-ft)						Water Yield (ac-ft)					Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	9	43	32		Flow-Related Sediment (tons)	12	13	13			Flow-Related Sediment (tons)					Flow-Related Sediment (tons)			
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.										
		565		598		33		598												
		21		56		36		46		-10										
Erosion Summary	Total Existing Water Yield (ac-ft)		598		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)		56		Sediment (tons/yr)	160	3	7	-114	Deposition										
				Percent of Total Yield	94%	2%	4%	67%												
Hydrologic Zones of Watershed																				

Stream Types & Relative Condition





Sub-Watershed 4

Watershed Summary Stream: **Trail Creek Watershed** Sub-Watershed: **4**

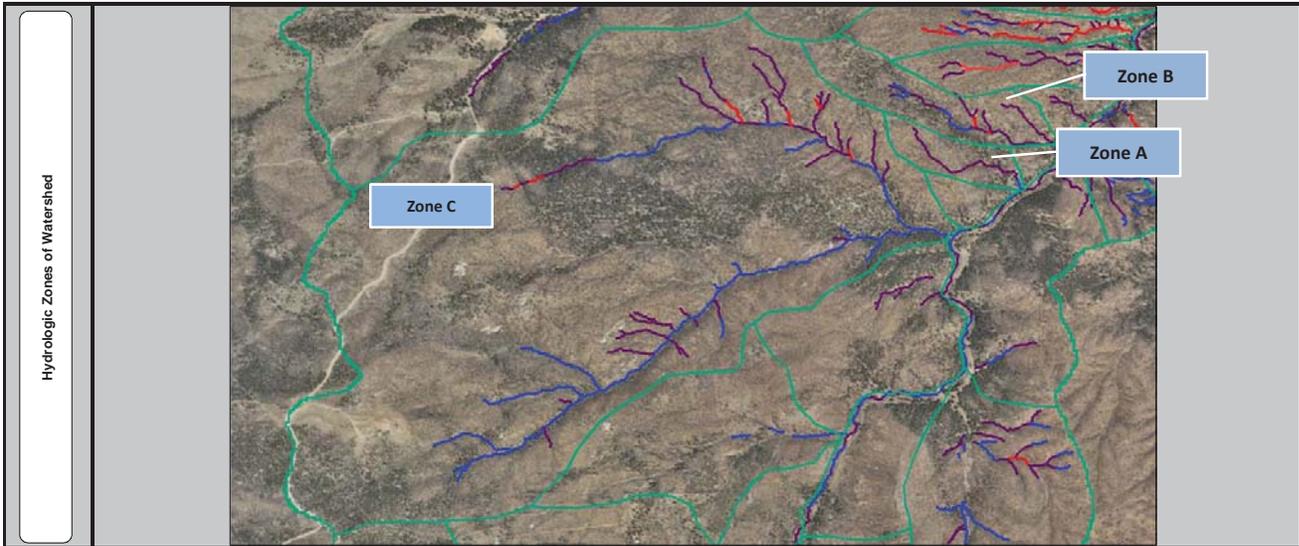
Watershed Characteristics	Drainage Area (mi ²)	1.46																		
	Drainage Density	12																		
	Burn Severity (%)	High	20.3%			Moderate	28.2%			Low	45.3%			Unburned	6.2%					
		Percent of Aspect	N	NE	E	SE	S	SW	W	NW	8%	13%	43%	28%	8%	0%	0%	0%		
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G	52%	34%	1%	0%	1%	7%	0%	0%	5%

Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)							715
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0		
	Percent of Erosion Categories	3%	1%	66%	16%	9%	3%	1%	1%	0%		

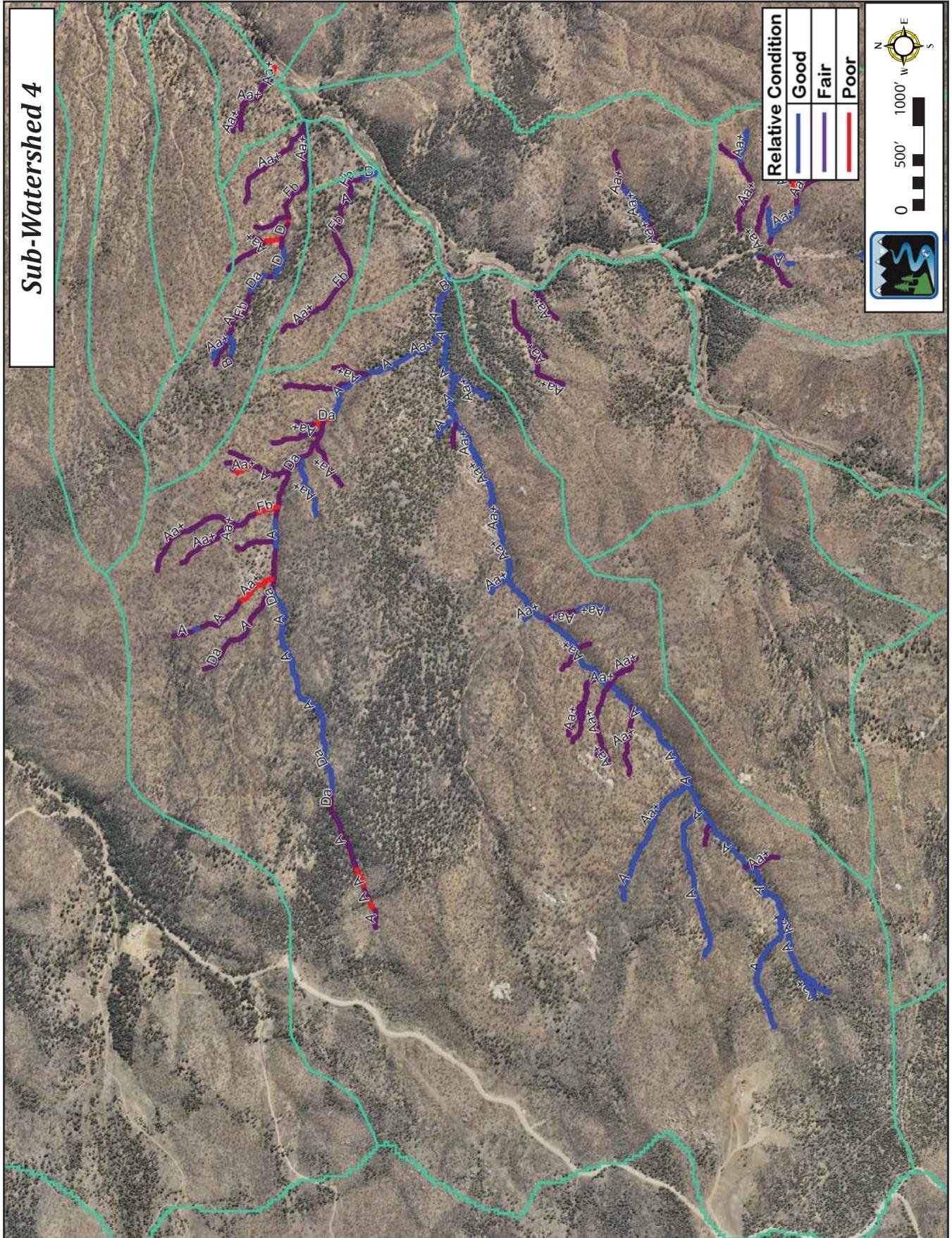
Hillslope	Length of Road (ft)	0			Sediment from Surface Erosion (tons/yr)	160		
	Total Sediment from Roads (tons/yr)	0			Total Introduced Sediment (tons/yr)	160		

Hydrology	Zone A			Zone B			Zone C			N/A			N/A																				
	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration																		
	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire																		
Water Yield (ac-ft)	160	166	166	240	252	252	976	1,231	1,231																								
Flow-Related Sediment (tons/yr)	7	8	8	9	47	34	24	46	46																								
<table border="1"> <tr> <th>Totals from all Zones</th> <th>Pre-Fire</th> <th>Post-Fire</th> <th>Total Increase</th> <th>Post-Restoration</th> <th>Reduction Post-Rest.</th> </tr> <tr> <td>Water Yield (ac-ft)</td> <td>1,376</td> <td>1,649</td> <td>274</td> <td>418</td> <td></td> </tr> <tr> <td>Flow-Related Sediment (tons)</td> <td>40</td> <td>101</td> <td>60</td> <td>43</td> <td>-58</td> </tr> </table>																Totals from all Zones	Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.	Water Yield (ac-ft)	1,376	1,649	274	418		Flow-Related Sediment (tons)	40	101	60	43	-58
Totals from all Zones	Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.																												
Water Yield (ac-ft)	1,376	1,649	274	418																													
Flow-Related Sediment (tons)	40	101	60	43	-58																												

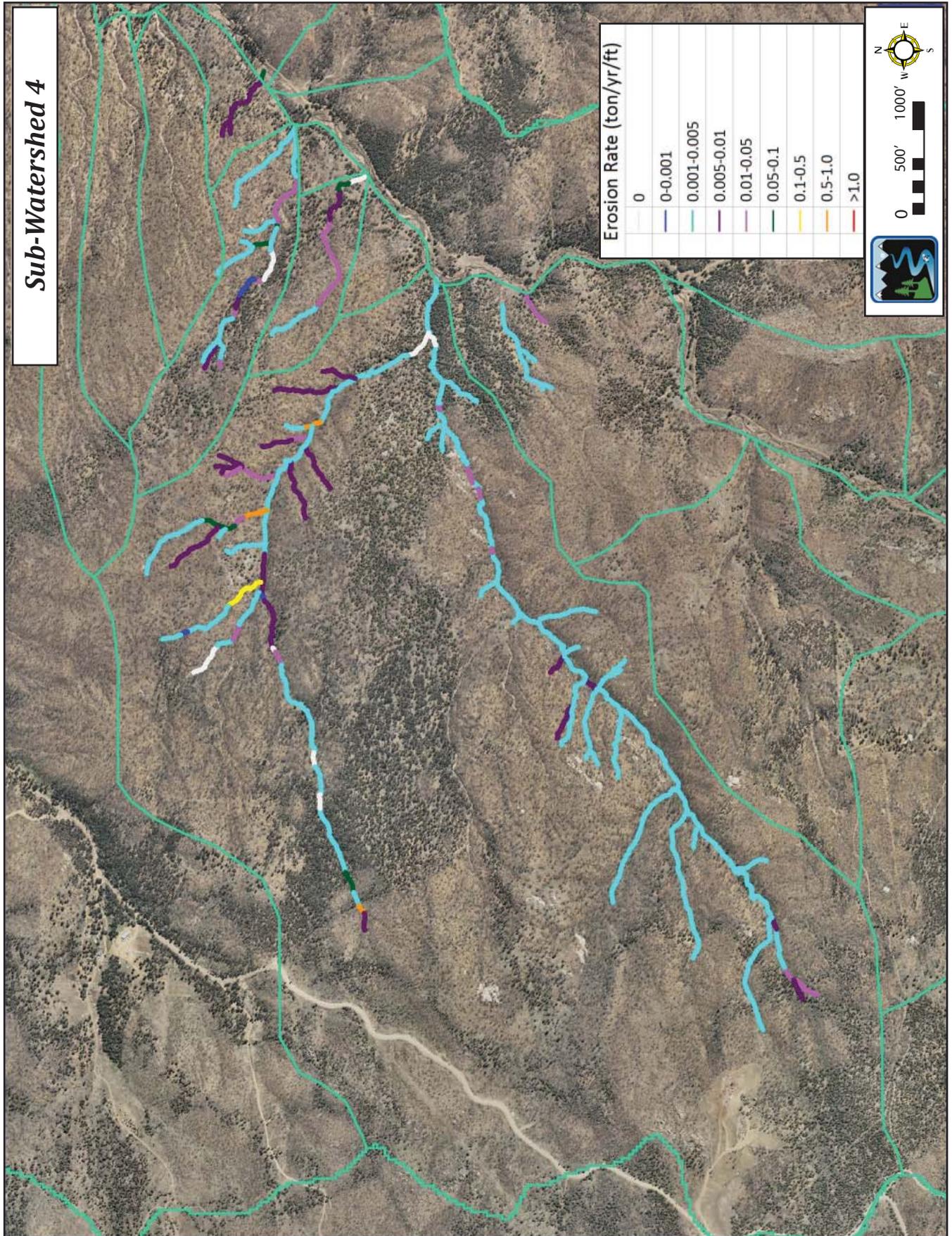
Erosion Summary	Total Existing Water Yield (ac-ft)	1,649				Banks	Roads	Surface Erosion	Streambed	Deposition or Scour
	Total Existing Sediment Yield (tons/yr)	101								
					Percent of Total Yield	82%	0%	18%	-88%	Deposition



Stream Types & Relative Condition



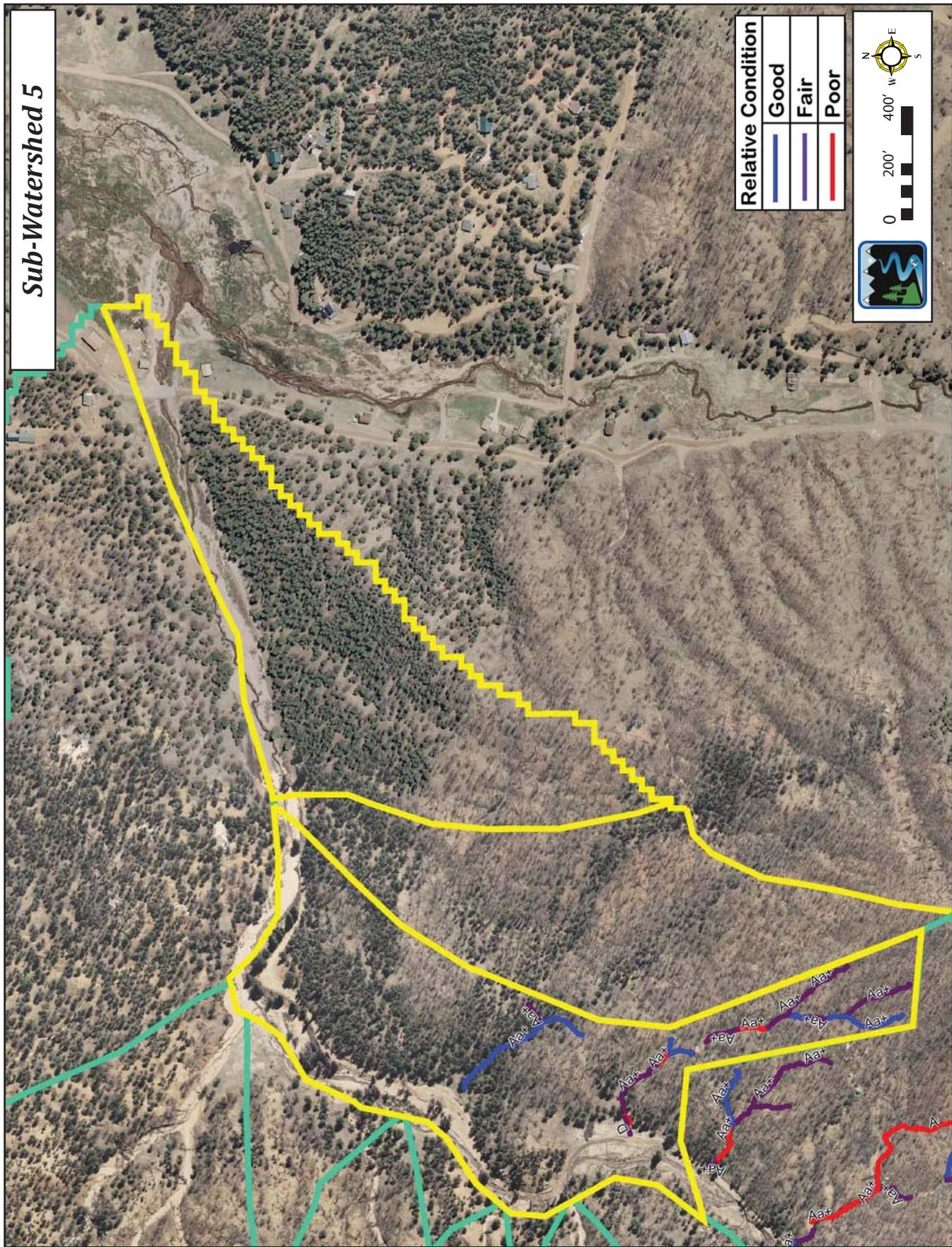
Streambank Erosion Rates (tons/yr/ft)

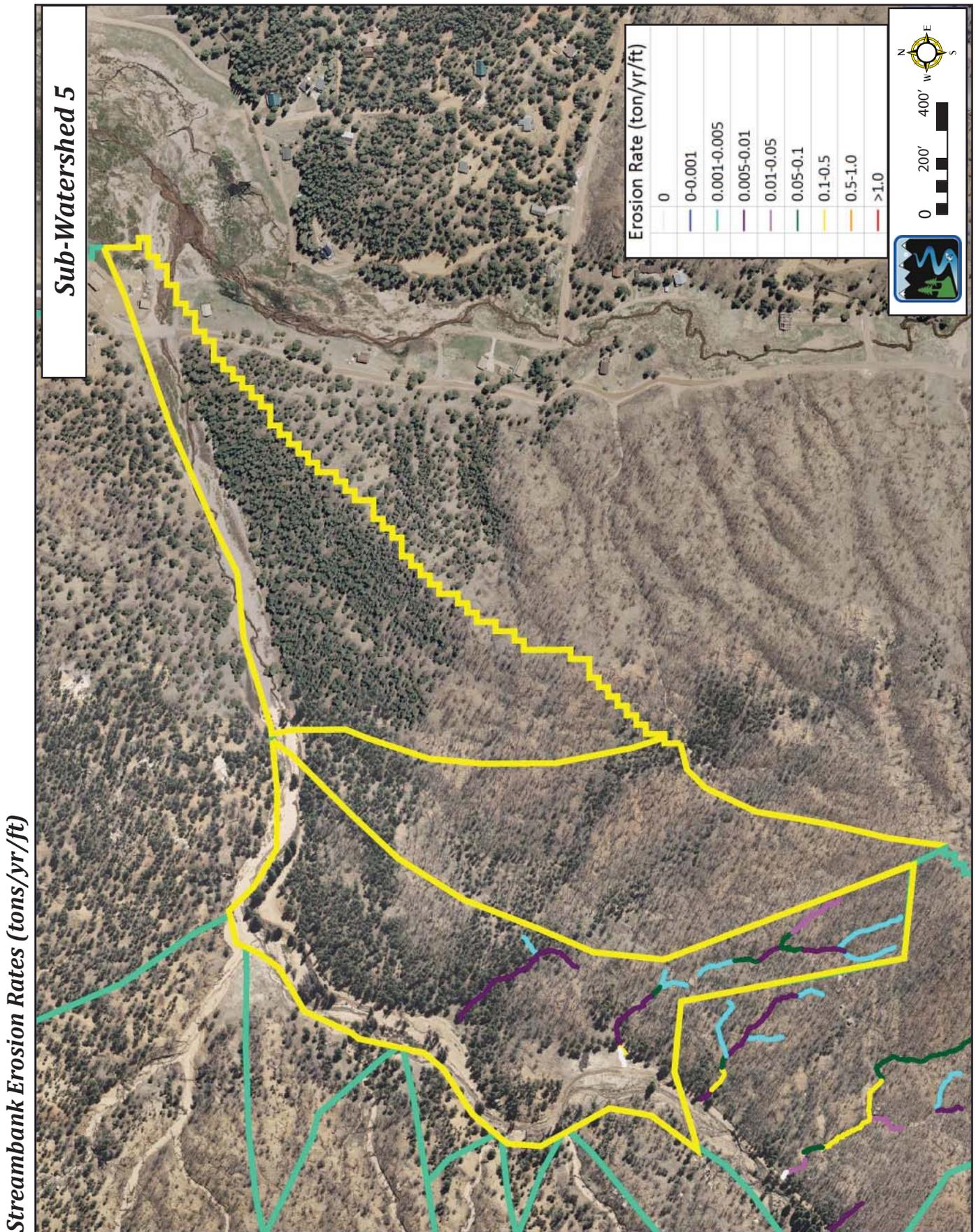


Sub-Watershed 5

Watershed Summary										Stream: Trail Creek Watershed					Sub-Watershed: 5																			
Watershed Characteristics	Drainage Area (mi ²)		0.12		High		Moderate		Low		Unburned		Burn Severity (%)		0.0%		0.0%		48.2%		51.8%													
	Drainage Density		16		N		NE		E		SE		S		SW		W		NW		Percent of Aspect													
					61%		9%		6%		0%		0%		0%		0%		24%															
	Stream Types (%)		98%		Aa+		A		B		C		D		Da+		E		F		Fb		G											
				0%		0%		0%		2%		0%		0%		0%		0%		0%		0%												
Streambank Erosion	Percent of Stream Conditions		45%		Good		Fair		Poor		Total Erosion (tons/yr)		43		Erosion Rate (tons/yr/ft)		0		0-0.001		0.001-0.005		0.005-0.01		0.01-0.05		0.05-0.1		0.1-0.5		0.5-1.0		>1.0	
	Percent of Erosion Categories		0%		2%		34%		42%		10%		12%		0%		0%		0%		0%		0%		0%		0%		0%		0%			
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		2.71		Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		2.71																			
Hydrology	Zone A				N/A				N/A				N/A				N/A																	
	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration				
	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)								
	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)								
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.		Water Yield (ac-ft)		N/A		N/A		N/A		N/A		Flow-Related Sediment (tons)		N/A		N/A		N/A		N/A				
Erosion Summary	Total Existing Water Yield (ac-ft)		N/A		Sediment (tons/yr)		43		Banks		0		Surface Erosion		3		Streambed		N/A		Deposition or Scour		N/A											
	Total Existing Sediment Yield (tons/yr)		N/A		Percent of Total Yield		94%		0%		6%		N/A																					

Stream Types & Relative Condition



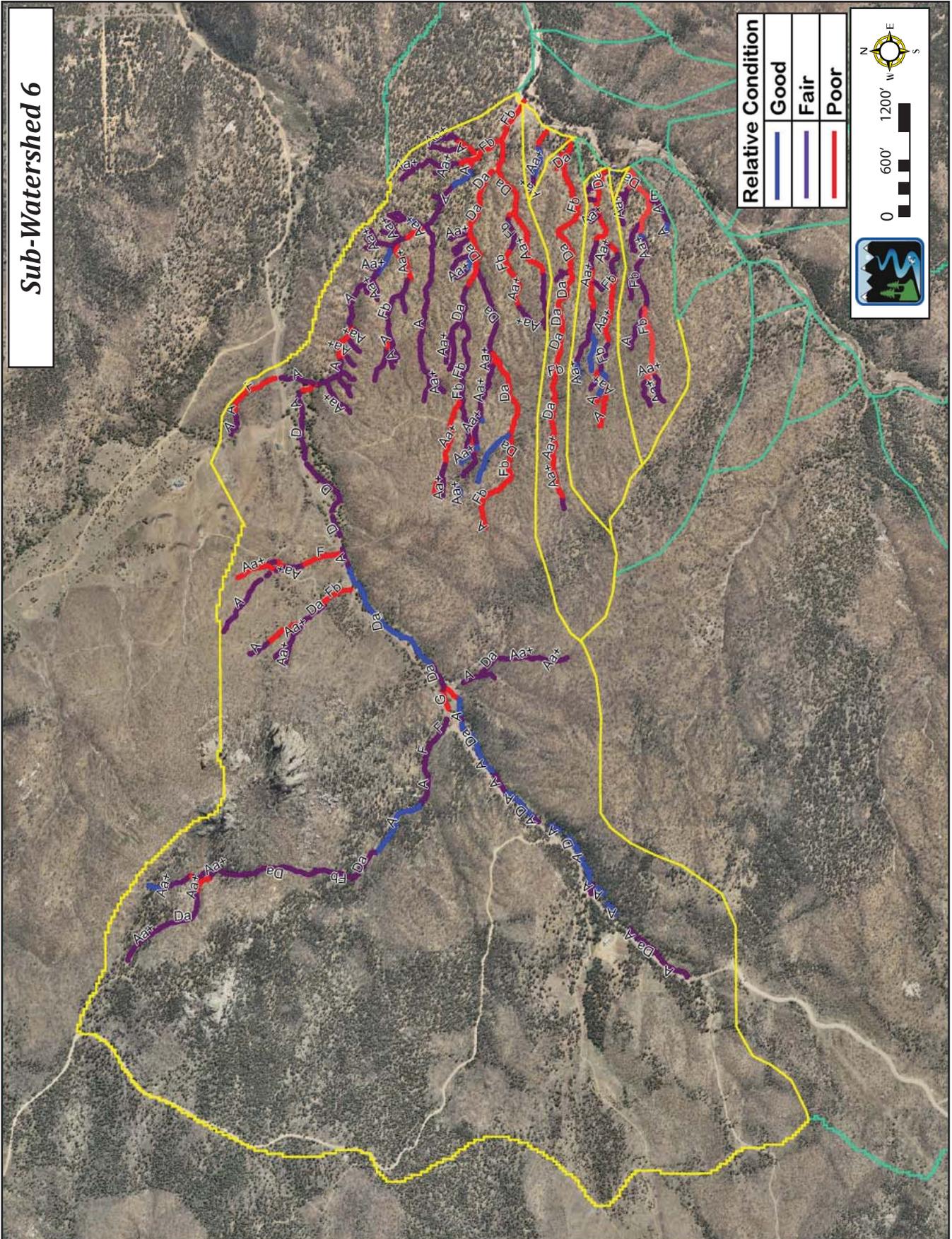


Sub-Watershed 6

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 6																
Watershed Characteristics	Drainage Area (mi ²)	1.77		High	Moderate	Low	Unburned													
	Drainage Density	10.6		Burn Severity (%)																
				35.6%	14.6%	37.4%	12.5%													
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW											
		12%	13%	37%	20%	10%	4%	1%	1%											
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G										
	38%	19%	0%	0%	4%	24%	0%	3%	10%	1%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)				6,104											
		45%	50%	5%	Erosion Rate (tons/yr/ft)															
					0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0							
	Percent of Erosion Categories	12%	3%	35%	11%	11%	9%	13%	4%	2%										
Hillslope	Length of Road (ft)	17,722		Sediment from Surface Erosion (tons/yr)		319														
	Total Sediment from Roads (tons/yr)	180		Total Introduced Sediment (tons/yr)		499														
Hydrology	Zone A			Zone B			Zone C			Zone D			Zone E							
	Q ₁₀ cfs	2.45	0.090	10.2	2.28	0.078	1.91	2.05	0.063	2.45	0.090	10.2	2.28	0.078	1.91	2.05	0.063			
	Water Yield (ac-ft)	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	
		268	268	268	1,118	1,417	1,417	249	269	269	209	225	225	224	242	242	224	242	242	
	Flow-Related Sediment (tons/yr)	10	109	35	27	1,364	380	10	118	38	9	11	11	9	103	34	9	103	34	
Totals from all Zones		Pre-Fire			Post-Fire			Total Increase			Post-Restoration			Reduction Post-Rest.						
		2,069			2,421			353			2,152									
		65			1,705			1,640			460			-1,245						
Erosion Summary	Total Existing Water Yield (ac-ft)		2,421		Banks		6,104		Roads		180		Surface Erosion		319		Streambed		-4,898	
	Total Existing Sediment Yield (tons/yr)		1,705		Sediment (tons/yr)		6,104		Percent of Total Yield		92%		3%		5%		-74%		Deposition or Scour	
																			Deposition	
Hydrologic Zones of Watershed																				

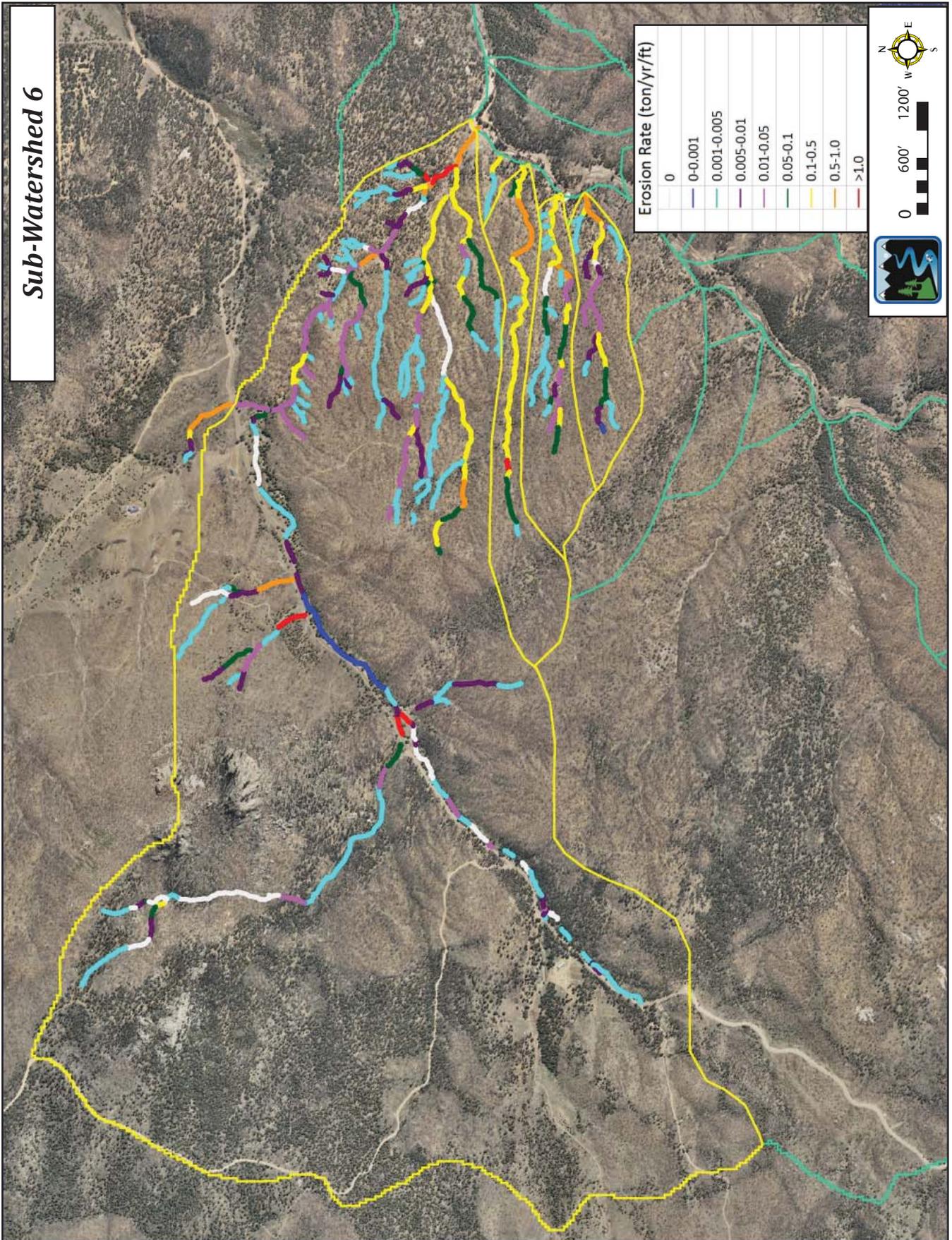
Stream Types & Relative Condition

Sub-Watershed 6



Streambank Erosion Rates (tons/yr/ft)

Sub-Watershed 6



Sub-Watershed 7

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 7												
Watershed Characteristics	Drainage Area (mi ²)	0.18		High	Moderate	Low	Unburned									
	Drainage Density	13.6		Burn Severity (%)												
				0.0%	49.8%	45.2%	5.0%									
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
		21%	5%	2%	0%	0%	0%	23%	49%							
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G						
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%						
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)											
		100%	0%	0%	19											
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%							
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		17.7										
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		17.7										
Hydrology	Zone A			Zone B			N/A			N/A			N/A			
	Q _{ave} cfs	2.65	0.105	Post-Restoration	Q _{ave} cfs	2.3	0.079	Post-Restoration	Q _{ave} cfs			Post-Restoration	Q _{ave} cfs			Post-Restoration
	Pre-Fire	289	316	316	Pre-Fire	251	265	265	Pre-Fire				Pre-Fire			
	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	11	13	13	Flow-Related Sediment (tons/yr)	10	11	11	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.						
		541		581		40		581		0						
		21		25		4		25		0						
Erosion Summary	Total Existing Water Yield (ac-ft)		581		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		25		Sediment (tons/yr)		19		0		18		-12			
			Percent of Total Yield		52%		0%		48%		-32%		Deposition			
Hydrologic Zones of Watershed																

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 8

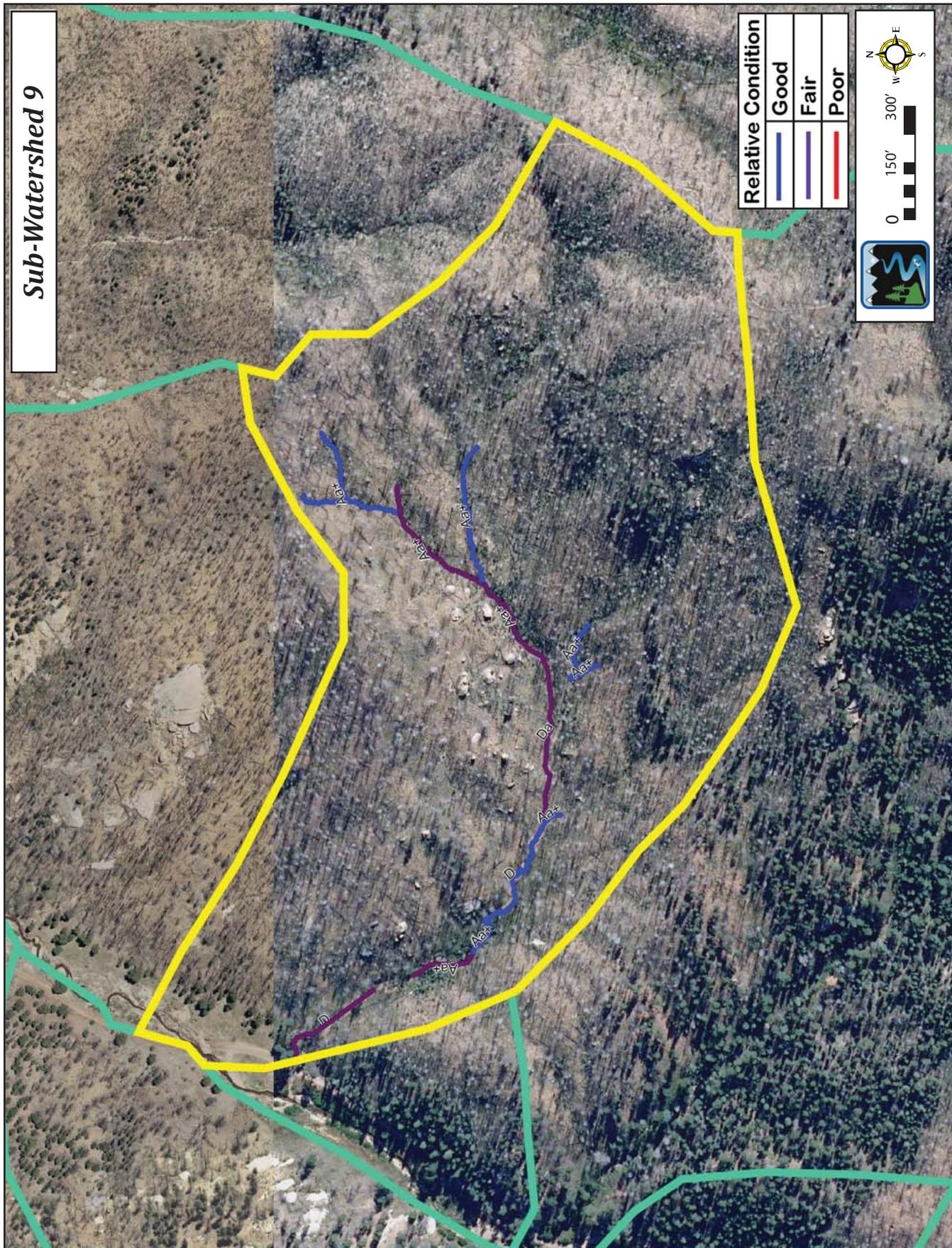
Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 8																																					
Watershed Characteristics	Drainage Area (mi ²)	0.08																																						
	Drainage Density	11.81																																						
	Burn Severity (%)	High: 0.0%	Moderate: 4.0%																																					
		Low: 96.0%	Unburned: 0.0%																																					
	Percent of Aspect	N: 11%	NE: 0%																																					
	E: 1%	SE: 0%																																						
	S: 0%	SW: 1%																																						
	W: 6%	NW: 82%																																						
Stream Types (%)	Aa+: 50%	A: 50%	B: 0%																																					
	C: 0%	D: 0%	Da+: 0%																																					
	E: 0%	F: 0%	Fb: 0%																																					
	G: 0%																																							
Streambank Erosion	Percent of Stream Conditions	Good: 100%	Fair: 0%																																					
		Poor: 0%																																						
	Total Erosion (tons/yr)	9																																						
	Erosion Rate (tons/yr/ft)	0	0-0.001																																					
		0.001-0.005	0.005-0.01																																					
		0.01-0.05	0.05-0.1																																					
		0.1-0.5	0.5-1.0																																					
		>1.0																																						
	Percent of Erosion Categories	0%	0%																																					
		0%	0%																																					
		0%	0%																																					
		100%	0%																																					
		0%	0%																																					
		0%	0%																																					
Hillslope	Length of Road (ft)	0																																						
	Total Sediment from Roads (tons/yr)	0																																						
	Sediment from Surface Erosion (tons/yr)	4.04																																						
	Total Introduced Sediment (tons/yr)	4.04																																						
Hydrology	Zone A				N/A				N/A				N/A				N/A																							
	Q ₁₀ cfs	2.34	DA (mi ²)	0.082	Post-Restoration	Q ₁₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀ cfs		DA (mi ²)		Post-Restoration																				
	Water Yield (ac-ft)	256	Pre-Fire	272	Post-Fire	272	Water Yield (ac-ft)		Pre-Fire		Post-Fire		Water Yield (ac-ft)		Pre-Fire		Post-Fire		Water Yield (ac-ft)		Pre-Fire																			
	Flow-Related Sediment (tons/yr)	10	Pre-Fire	12	Post-Fire	12	Flow-Related Sediment (tons/yr)		Pre-Fire		Post-Fire		Flow-Related Sediment (tons/yr)		Pre-Fire		Post-Fire		Flow-Related Sediment (tons/yr)		Pre-Fire																			
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.																															
					Water Yield (ac-ft)	256	272	16	272																															
					Flow-Related Sediment (tons)	10	12	2	12																															
Erosion Summary	Total Existing Water Yield (ac-ft)				272				Banks				9				Roads				0				Surface Erosion				4				Streambed				-1			
	Total Existing Sediment Yield (tons/yr)				12				Sediment (tons/yr)				69%				0%				31%				0%				Deposition or Scour				Deposition							
									Percent of Total Yield																															
Hydrologic Zones of Watershed																																								

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

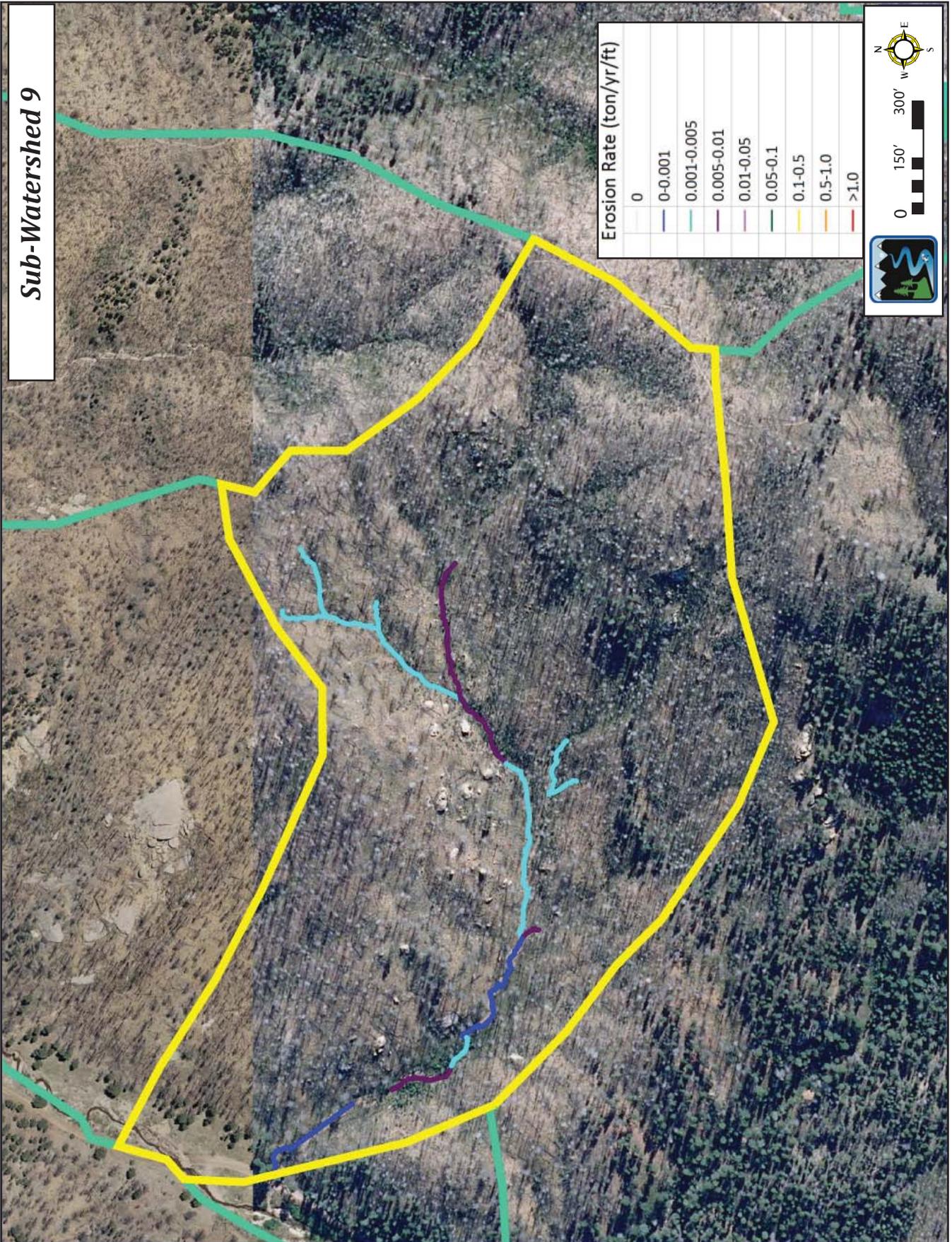
Sub-Watershed 9

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 9													
Watershed Characteristics	Drainage Area (mi ²)	0.23														
	Drainage Density	11.72														
	Burn Severity (%)	High	Moderate	Low	Unburned											
		0.0%	39.4%	60.2%	50.0%											
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
		6%	1%	1%	0%	0%	11%	22%	58%							
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G					
		64%	0%	0%	0%	21%	16%	0%	0%	0%	0%					
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)		16									
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
	Percent of Erosion Categories	25%	16%	11%	18%	28%	0%	2%	0%	0%						
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	7.48											
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)	7.48											
Hydrology	Zone A			N/A			N/A			N/A			N/A			
	Q _{ave} cfs	2.37	0.084	Post-Restoration	Q _{ave} cfs			Post-Restoration	Q _{ave} cfs			Post-Restoration	Q _{ave} cfs			Post-Restoration
	Water Yield (ac-ft)	259	284	284	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	10	13	13	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.							
				Water Yield (ac-ft)	259	284	25	284								
			Flow-Related Sediment (tons)	10	13	3	13	0								
Erosion Summary	Total Existing Water Yield (ac-ft)		284		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		13		Sediment (tons/yr)		16		0		7		-10			
					Percent of Total Yield		68%		0%		32%		46%			
Hydrologic Zones of Watershed																

Stream Types & Relative Condition

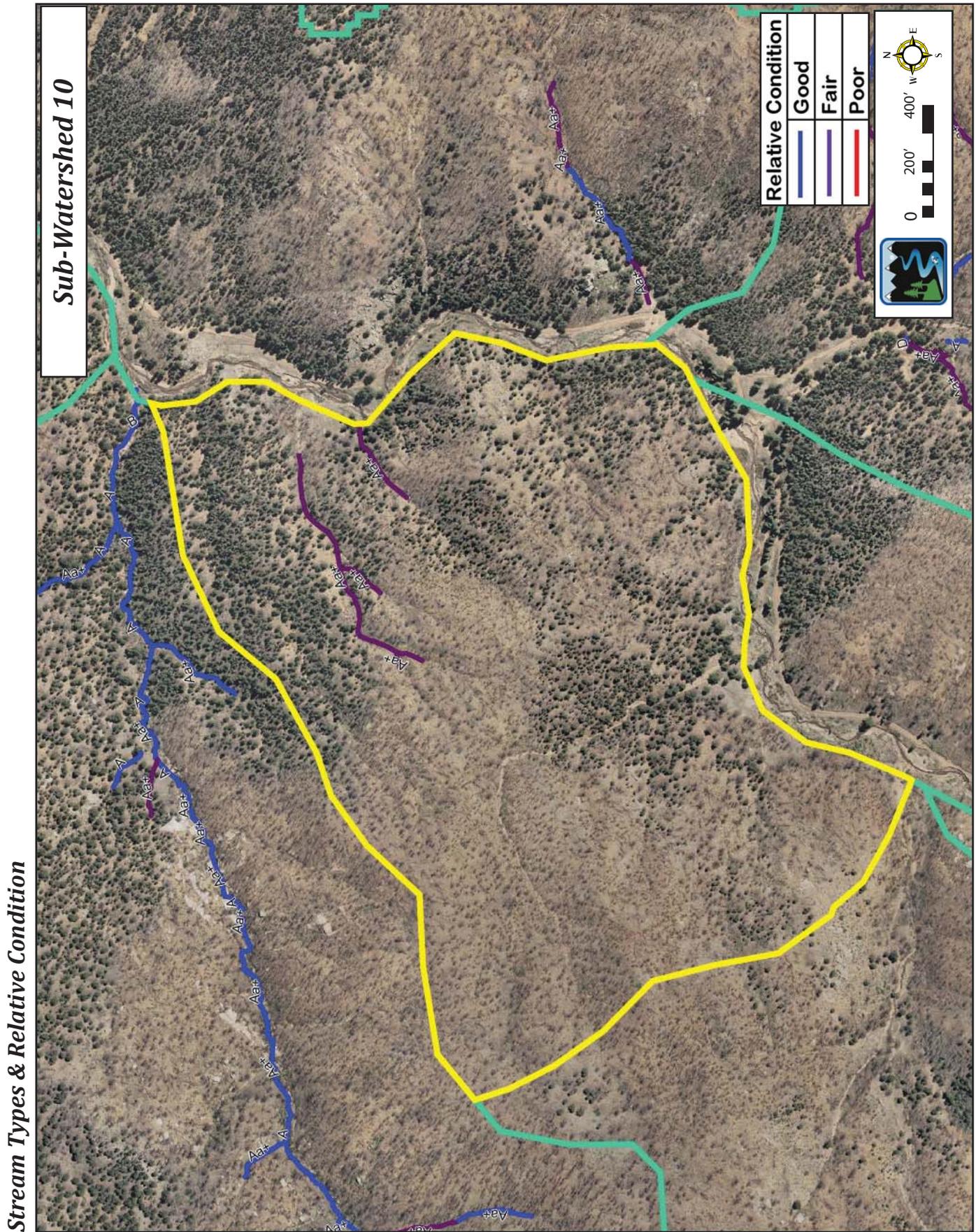


Streambank Erosion Rates (tons/yr/ft)

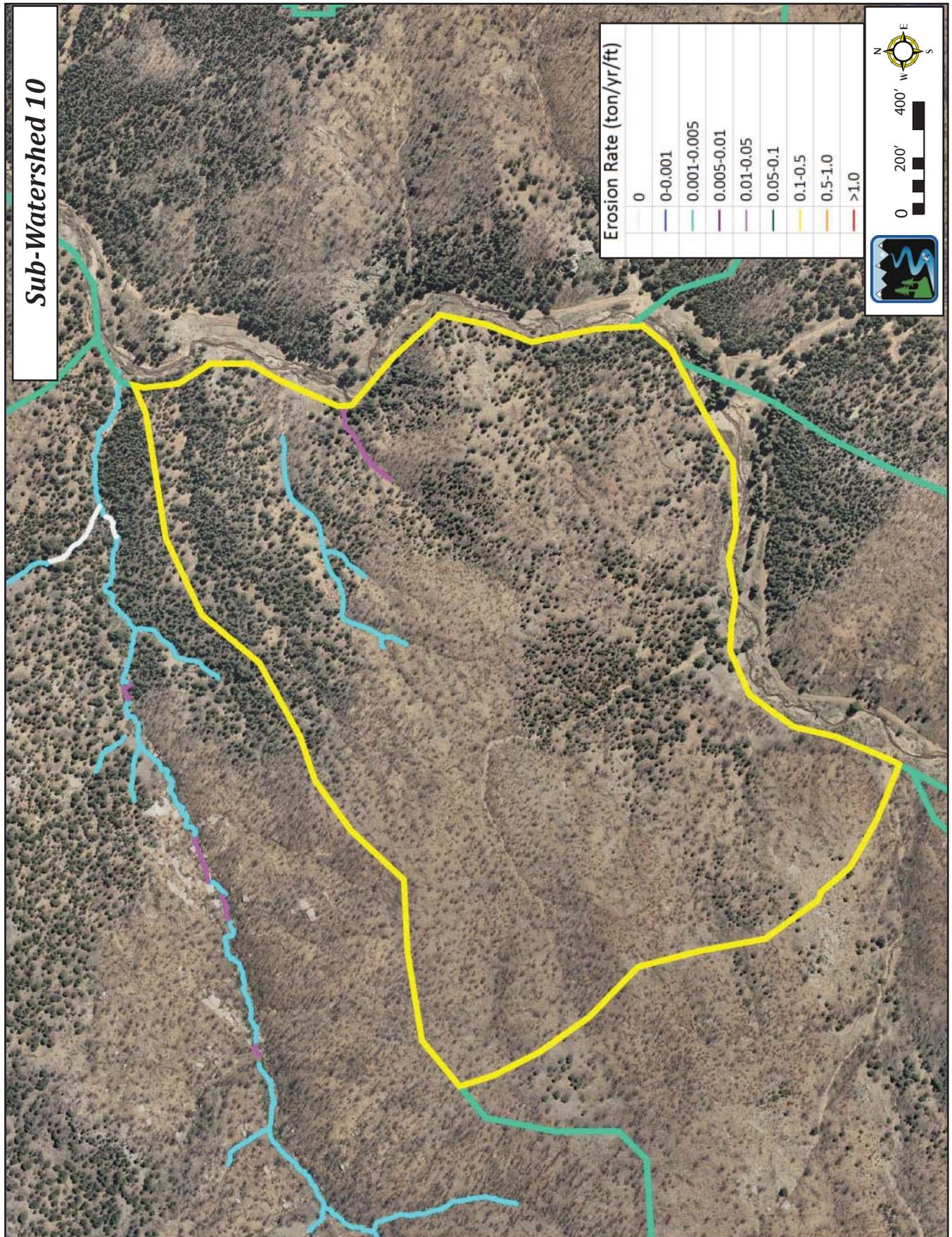


Sub-Watershed 10

Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:	10																				
Watershed Characteristics	Drainage Area (mi ²)	0.14		High		Moderate	Low	Unburned																				
	Burn Severity (%)		18.1%	10.3%	58.4%	13.3%																						
	Drainage Density	12.14		N		NE	E	SE	S	SW	W	NW																
	Percent of Aspect		1%	2%	64%	17%	15%	0%	1%	0%																		
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G																
		64%	0%	0%	0%	21%	16%	0%	0%	0%	0%																	
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)			16																			
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																	
	Percent of Erosion Categories		25%	16%	11%	18%	28%	0%	2%	0%	0%																	
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		14.75																						
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)			14.75																				
Hydrology	Zone A				N/A				N/A				N/A				N/A											
	Q ₁₀₀ cfs	3.10	DA (mi ²)	0.143	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	338	358	358																								
	Flow-Related Sediment (tons/yr)	12	14	14																								
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.																			
					Water Yield (ac-ft)	338	358	19	358																			
				Flow-Related Sediment (tons)	12	14	2	14	0																			
Erosion Summary	Total Existing Water Yield (ac-ft)		358		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour																			
	Total Existing Sediment Yield (tons/yr)		14		Sediment (tons/yr)	16	0	15	-17	Deposition																		
					Percent of Total Yield	52%	0%	48%	56%																			
Hydrologic Zones of Watershed																												



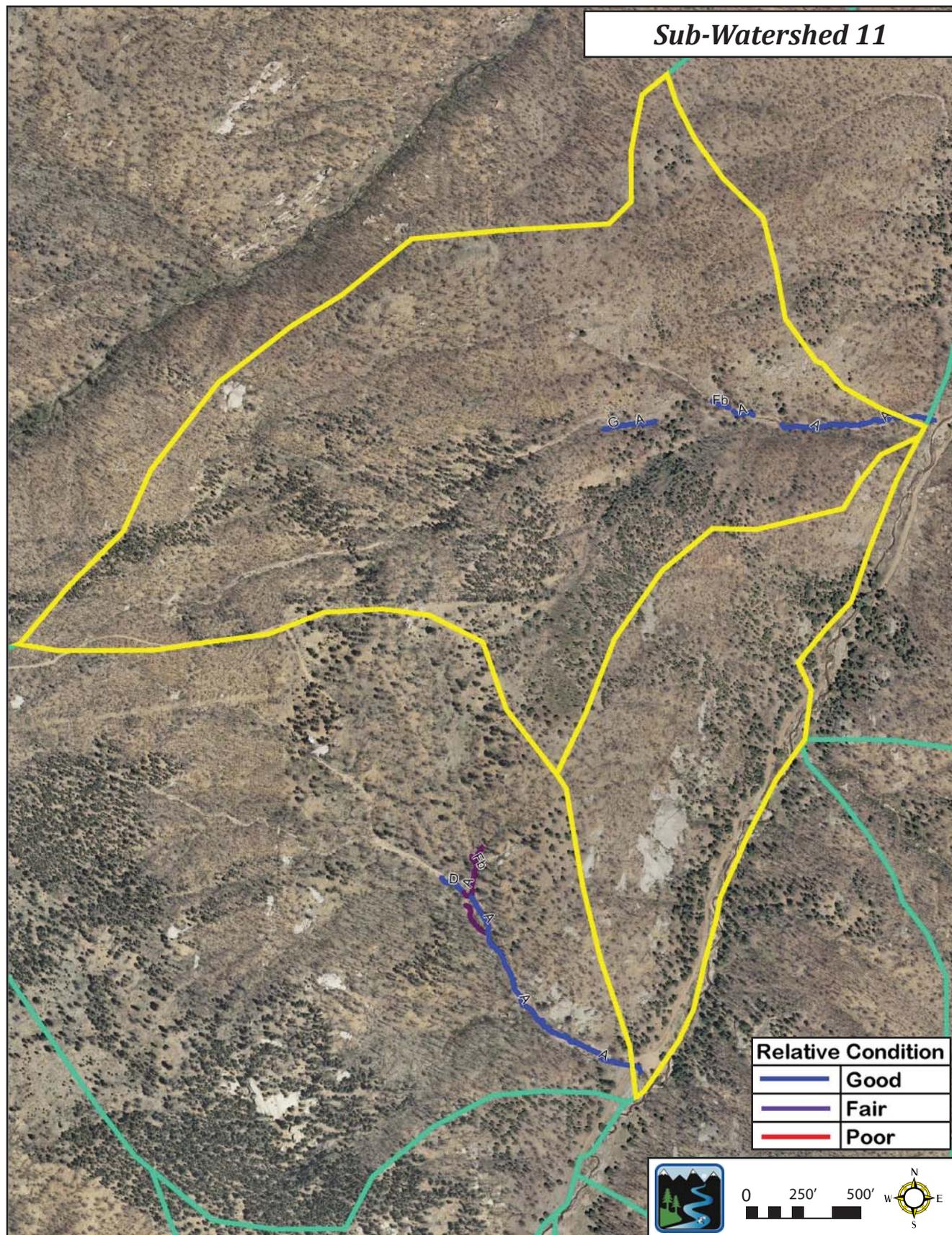
Streambank Erosion Rates (tons/yr/ft)



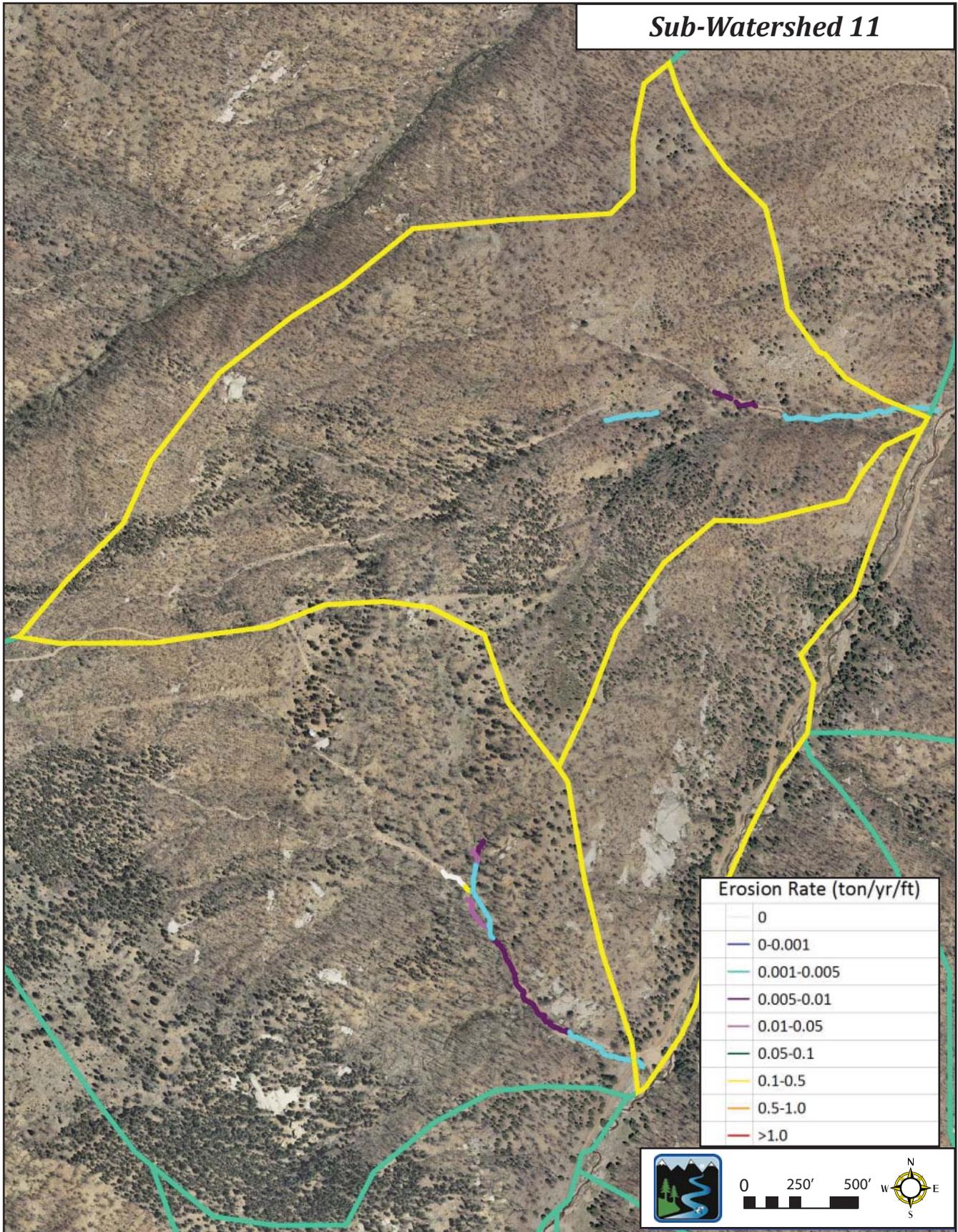
Sub-Watershed 11

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 11																	
Watershed Characteristics	Drainage Area (mi ²)	0.40		High	Moderate	Low	Unburned														
	Drainage Density	10.21		Burn Severity (%)																	
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW											
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G									
				2%	24%	50%	16%	6%	1%	0%	0%										
				0%	84%	0%	0%	0%	0%	0%	7%	9%									
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		23													
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0										
	Percent of Erosion Categories		0%	0%	47%	44%	9%	0%	0%	0%	0%										
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		20.35														
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		20.35														
Hydrology	Zone A				N/A				N/A				N/A								
	Q ₉₅ cfs	3.42	DA (mi ²)	0.174	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	
	Water Yield (ac-ft)	373	Pre-Fire	420	Post-Fire	420	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire
	Flow-Related Sediment (tons/yr)	12	Pre-Fire	17	Post-Fire	17	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire
	Totals from all Zones		Water Yield (ac-ft)		373	420	46	420	Reduction Post-Rest.		Flow-Related Sediment (tons)		12	17	5	17	0				
Erosion Summary	Total Existing Water Yield (ac-ft)		420		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour												
	Total Existing Sediment Yield (tons/yr)		17		Sediment (tons/yr)	23	0	20	-26	Deposition											
	Percent of Total Yield		53%		0%	47%	61%														
Hydrologic Zones of Watershed																					

Stream Types & Relative Condition

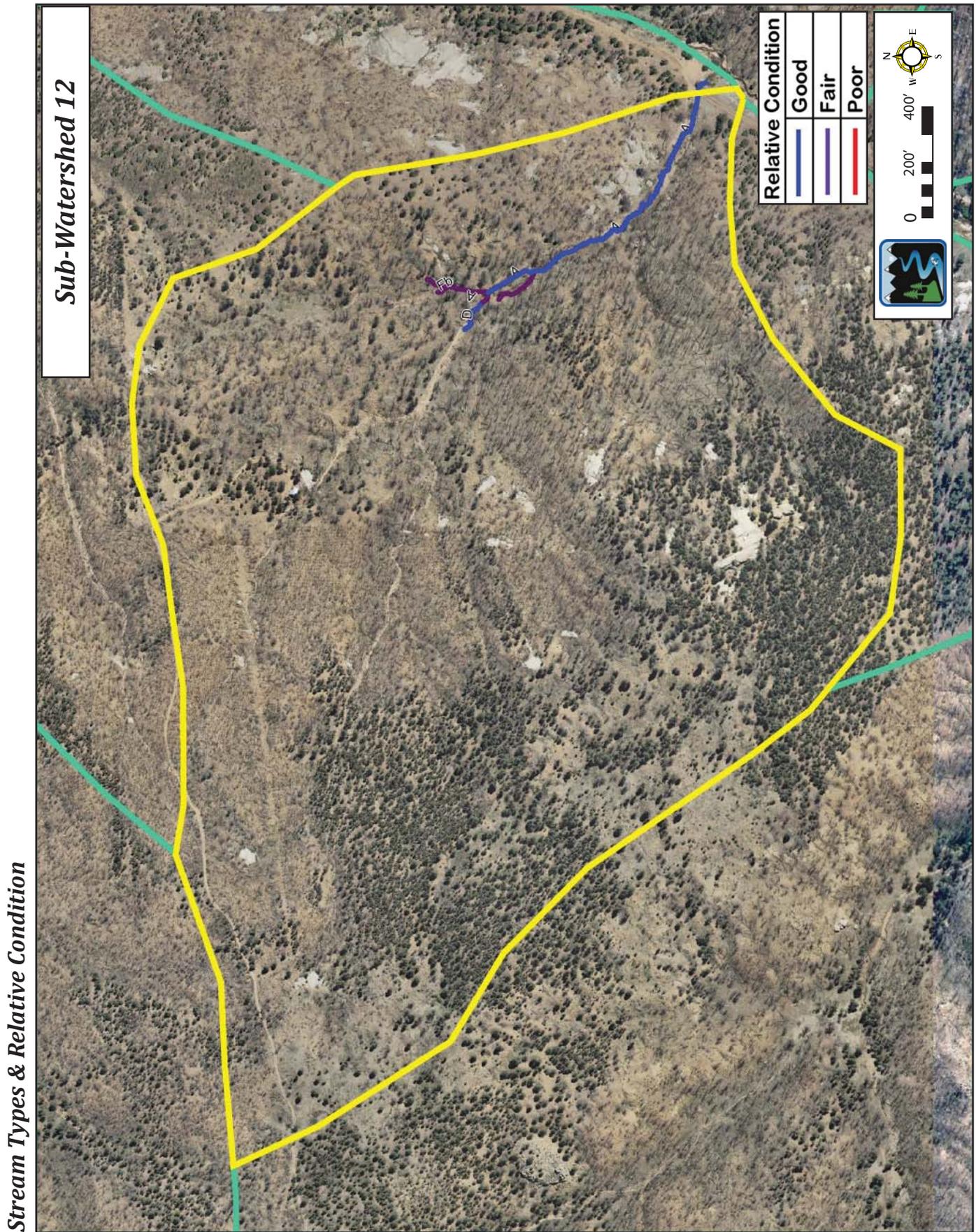


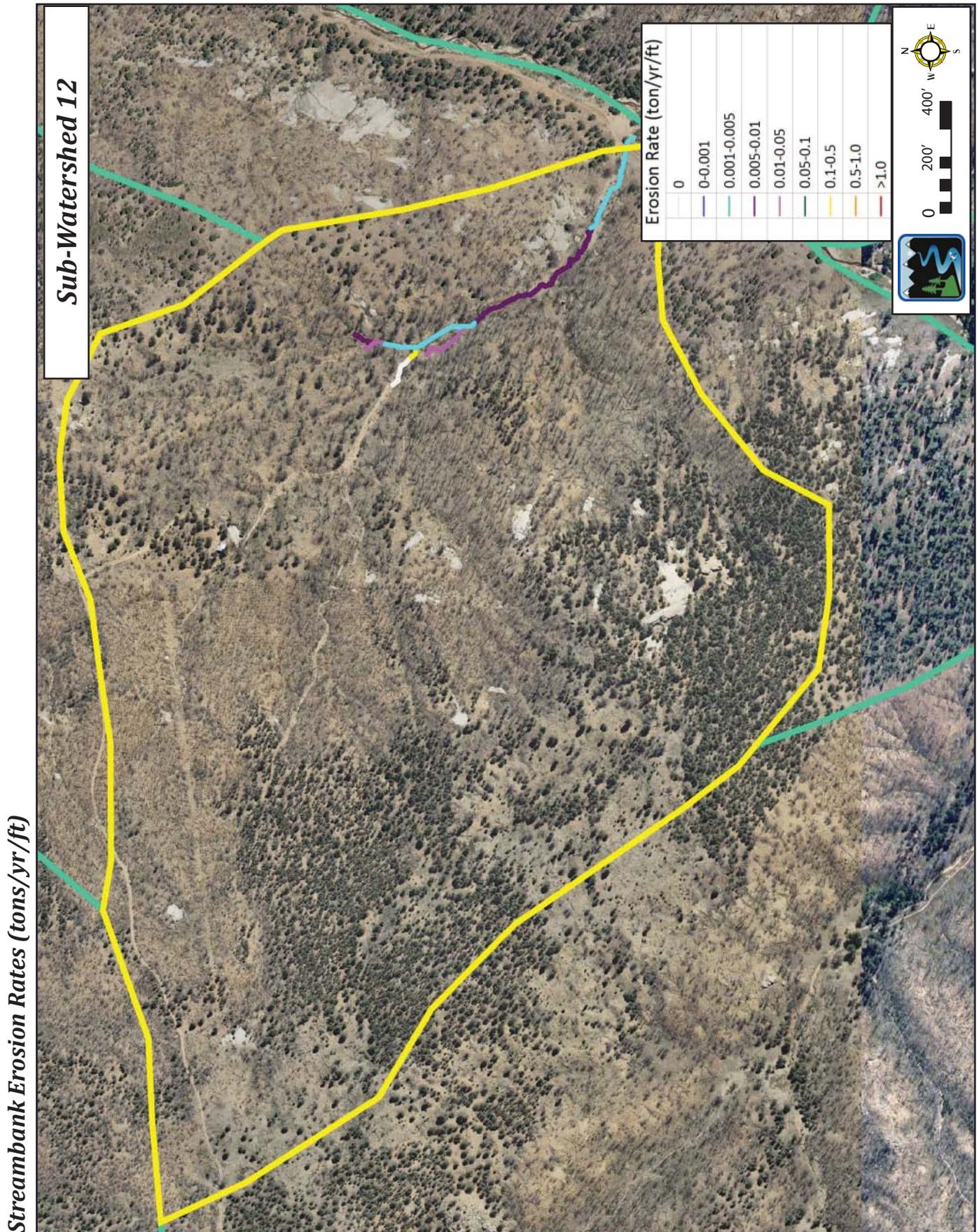
Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 12

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 12												
Watershed Characteristics	Drainage Area (mi ²)	0.95		High	Moderate	Low	Unburned									
	Drainage Density	9.54		Burn Severity (%)												
		N	NE	E	SE	S	SW	W	NW							
	Percent of Aspect	1%	4%	60%	25%	3%	6%	0%	1%							
	Aa+	A	B	C	D	Da+	E	F	Fb	G						
Stream Types (%)	14%	73%	0%	0%	7%	0%	0%	0%	4%	2%						
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)											
		74%	26%	0%	41											
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
Percent of Erosion Categories	7%	0%	39%	4%	47%	0%	2%	0%	0%							
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)				22.2								
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)				22.2								
Hydrology	Zone A			Zone B			N/A			N/A			N/A			
	Q ₉₅ cfs	3.88	0.225	Post-Restoration	Q ₉₅ cfs	2.06	0.064	Post-Restoration	Q ₉₅ cfs			Post-Restoration	Q ₉₅ cfs			Post-Restoration
	DA (mi ²)			DA (mi ²)			DA (mi ²)				DA (mi ²)				DA (mi ²)	
	Water Yield (ac-ft)	425	472	472	Water Yield (ac-ft)	225	231	231	Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	13	18	18	Flow-Related Sediment (tons/yr)	9	10	10	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.						
		Water Yield (ac-ft)		650		703		53		703						
		Flow-Related Sediment (tons)		22		28		5		28						
Erosion Summary	Total Existing Water Yield (ac-ft)		703		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		28		41		0		22		-35		Deposition			
Percent of Total Yield		65%		0%		35%		56%								
Hydrologic Zones of Watershed																

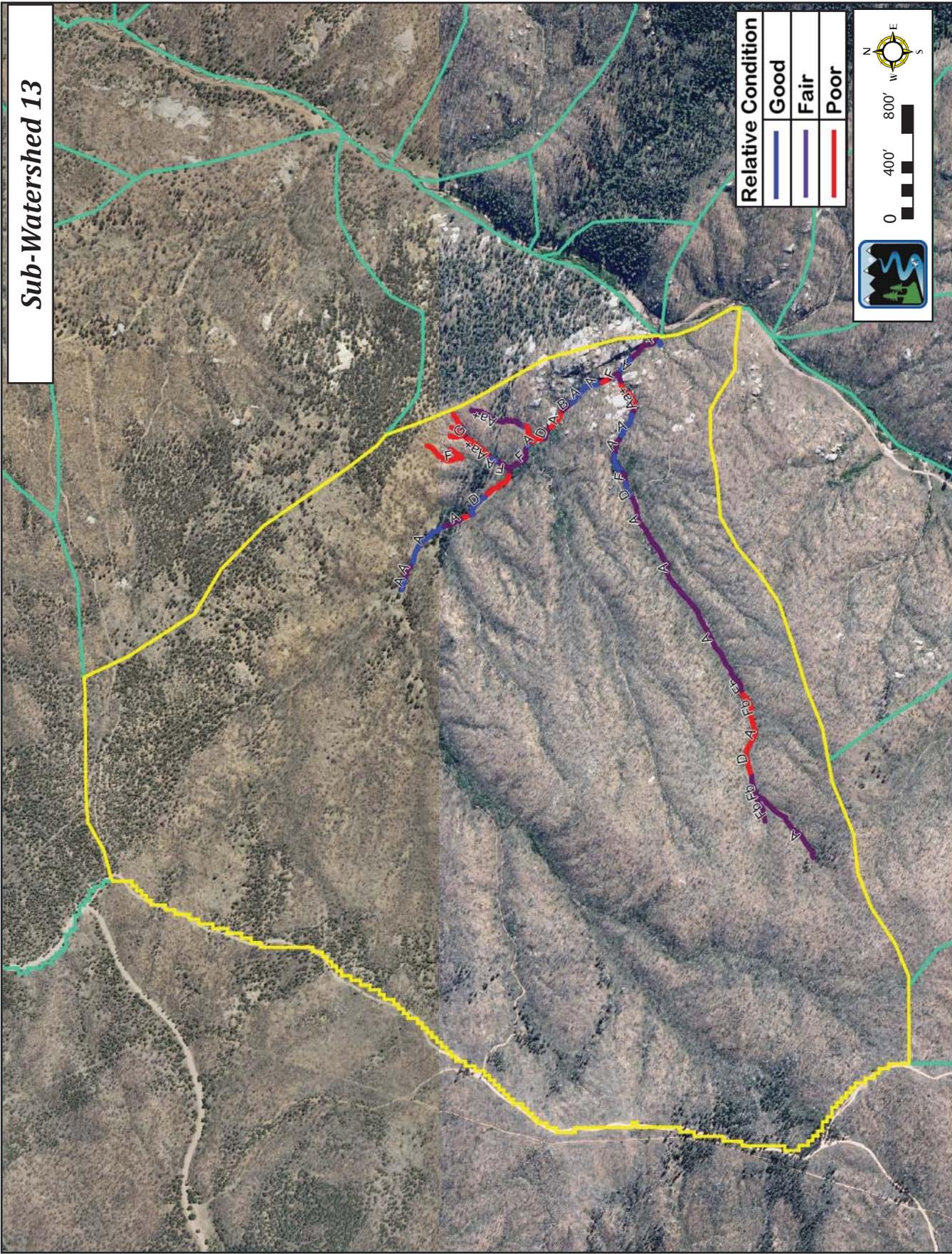




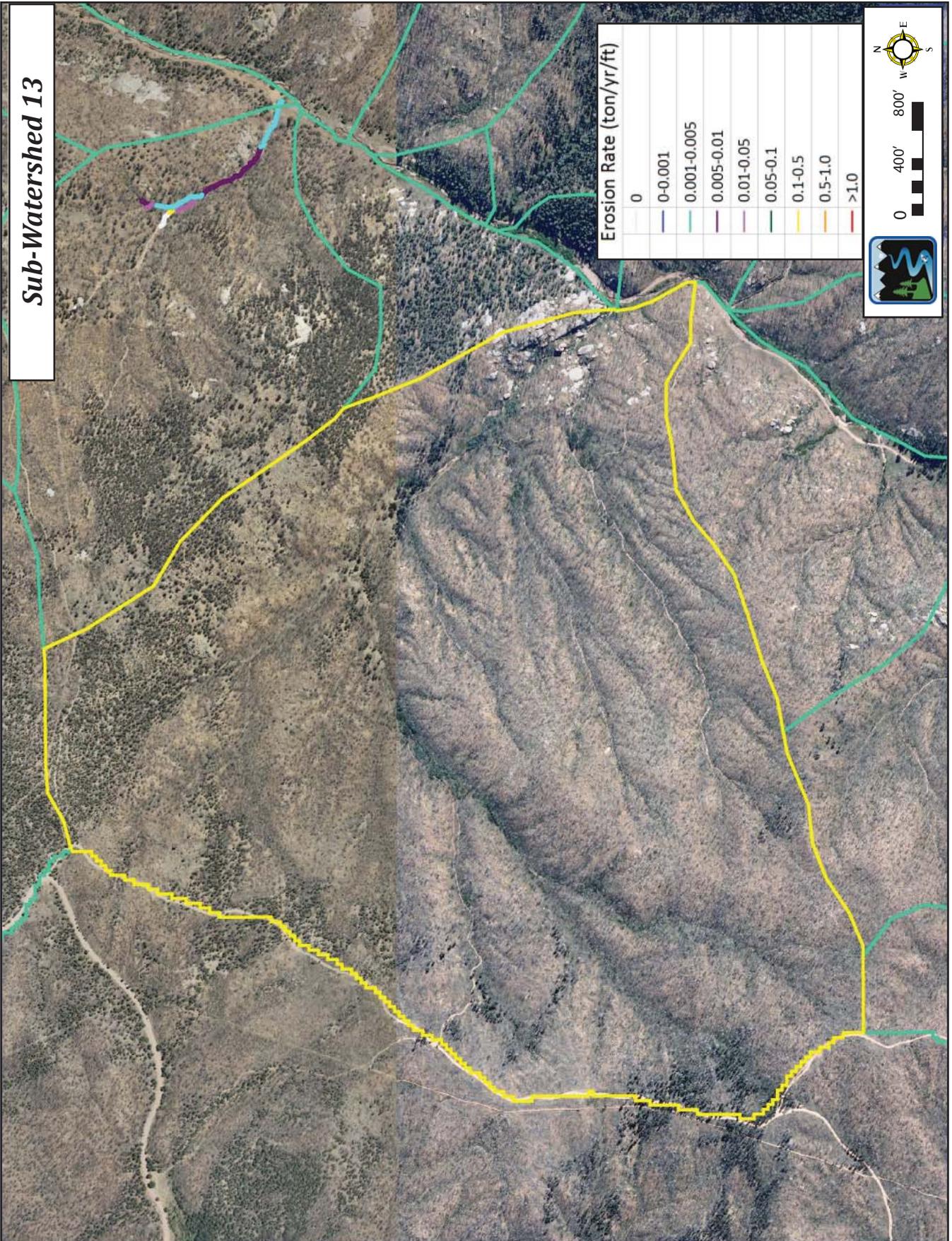
Sub-Watershed 13

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 13																
Watershed Characteristics	Drainage Area (mi ²)	0.72		High	Moderate	Low	Unburned													
	Drainage Density	9.4		Burn Severity (%)																
			N	NE	E	SE	S	SW	W	NW										
	Percent of Aspect		9%	22%	42%	14%	8%	3%	0%	2%										
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G									
		18%	33%	6%	0%	8%	0%	0%	12%	21%	2%									
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		958												
			17%	60%	23%	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0				
	Percent of Erosion Categories		0%	7%	22%	27%	30%	8%	6%	1%	0%									
Hillslope	Length of Road (ft)		4,500		Sediment from Surface Erosion (tons/yr)		94.49													
	Total Sediment from Roads (tons/yr)		1.95		Total Introduced Sediment (tons/yr)		96.44													
Hydrology	Zone A				N/A				N/A				N/A							
	Q ₉₅ cfs	6.99	DA (mi ²)	0.725	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration
	Water Yield (ac-ft)	764	963	963	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					
	Flow-Related Sediment (tons/yr)	20	804	229	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					
	Totals from all Zones		Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.												
		764		963	199	963														
		20		804	784	229	-575													
Erosion Summary	Total Existing Water Yield (ac-ft)		963		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)		804		Sediment (tons/yr)	958	2	94	-251	Deposition										
					Percent of Total Yield	91%	0%	9%	24%											
Hydrologic Zones of Watershed																				

Stream Types & Relative Condition



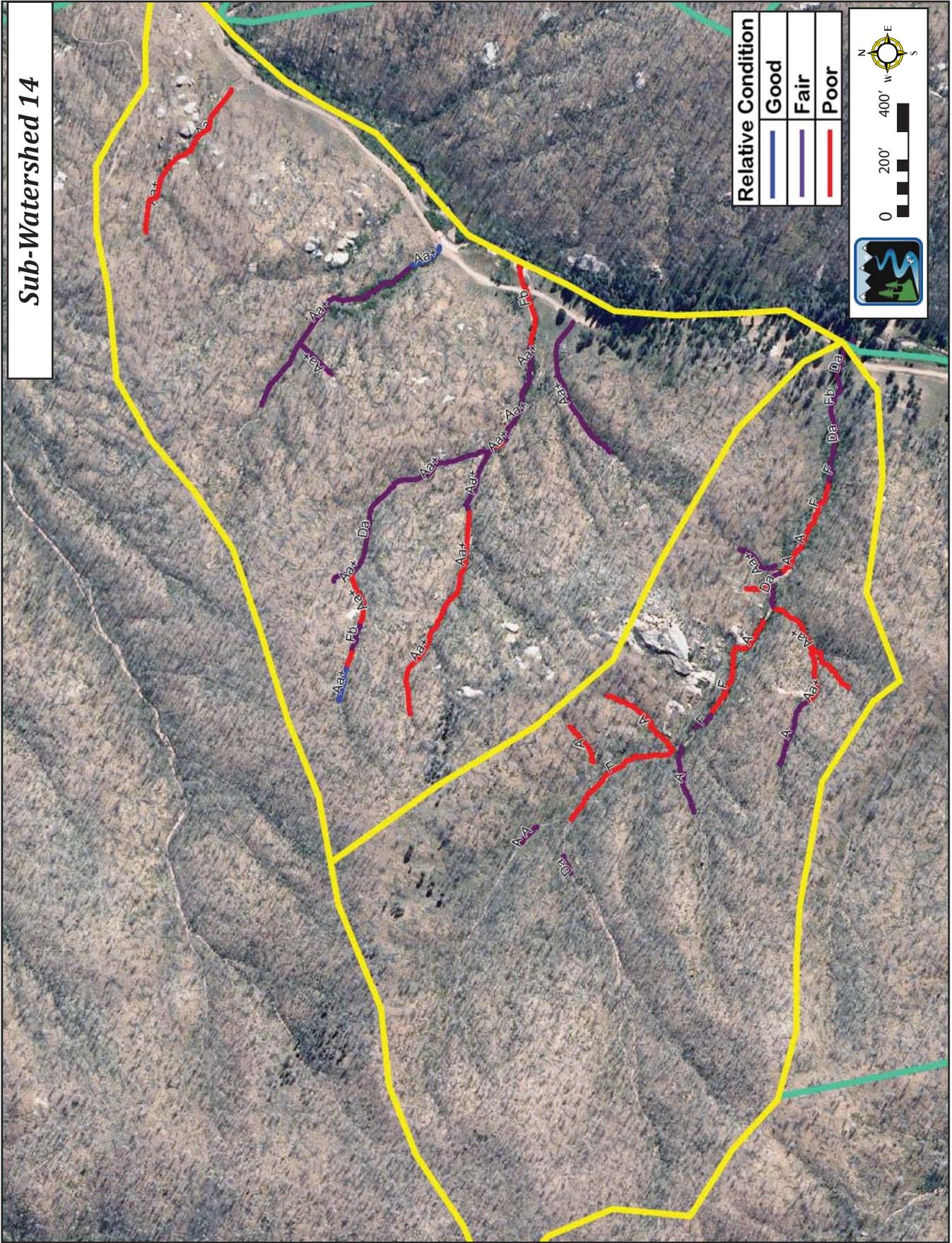
Streambank Erosion Rates (tons/yr/ft)



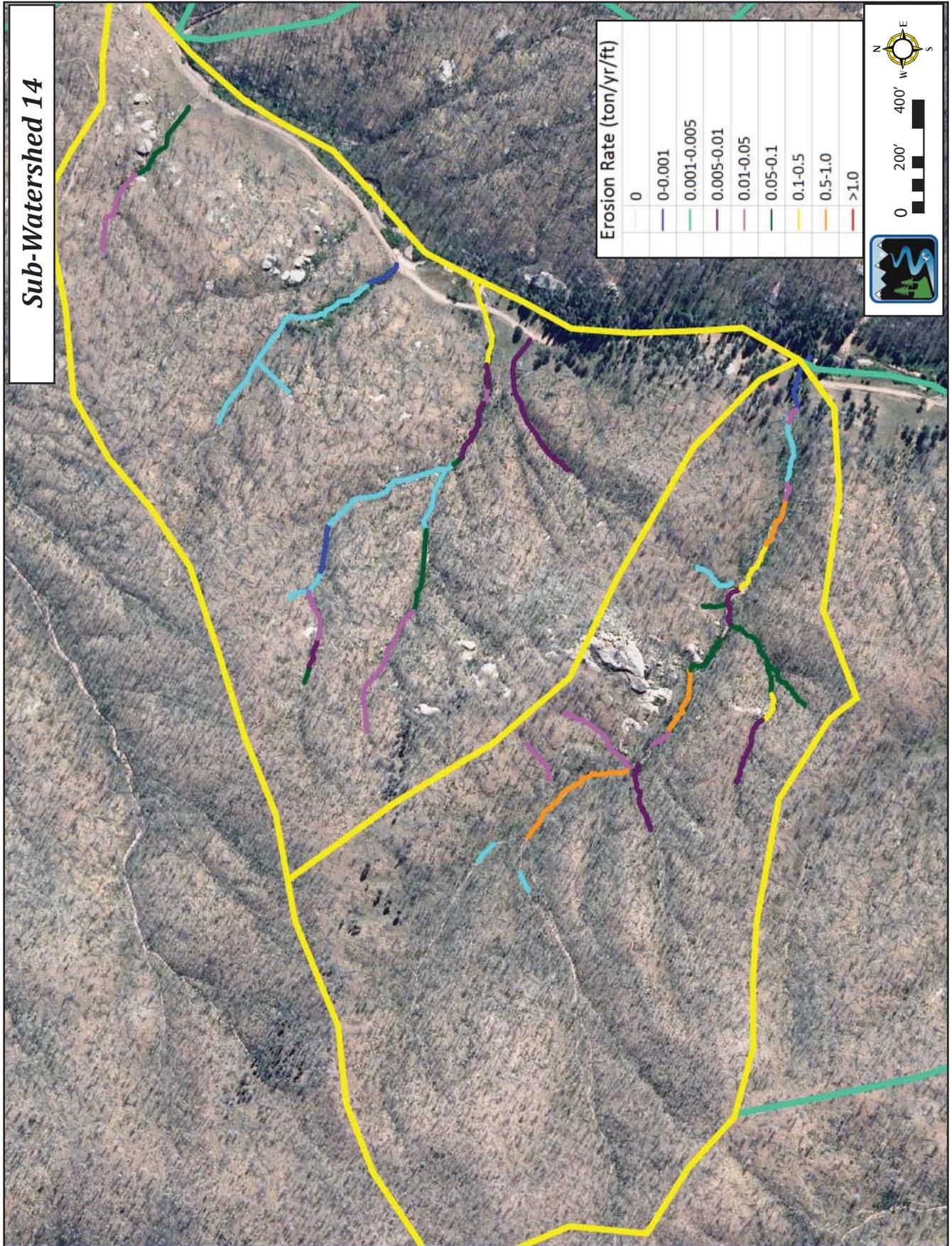
Sub-Watershed 14

Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:	14								
Watershed Characteristics	Drainage Area (mi ²)	0.24		High		Moderate	Low	Unburned								
	Drainage Density	11.93		Burn Severity (%)		34.4%	63.9%	1.8%	0.0%							
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G					
		59%	16%	0%	0%	0%	9%	0%	11%	6%	0%					
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)				949							
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
	Percent of Erosion Categories	1%	16%	20%	22%	30%	6%	5%	0%	1%						
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)				97.4								
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)				97.4								
Hydrology	Zone A				Zone B				N/A				N/A			
	Q ₁₀₀ cfs	2.80	0.117	Post-Restoration	Q ₁₀₀ cfs	2.96	0.131	Post-Restoration	Q ₁₀₀ cfs				Q ₁₀₀ cfs			
	Water Yield (ac-ft)	306	340	340	Water Yield (ac-ft)	323	362	362	Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	11	76	53	Flow-Related Sediment (tons/yr)	11	183	57	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.							
				629	702	73	702									
				22	260	238	110	-150								
Erosion Summary	Total Existing Water Yield (ac-ft)		702		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		260		Sediment (tons/yr)	949	0	97	-786	Deposition						
					Percent of Total Yield	91%	0%	9%	75%							
Hydrologic Zones of Watershed																

Stream Types & Relative Condition

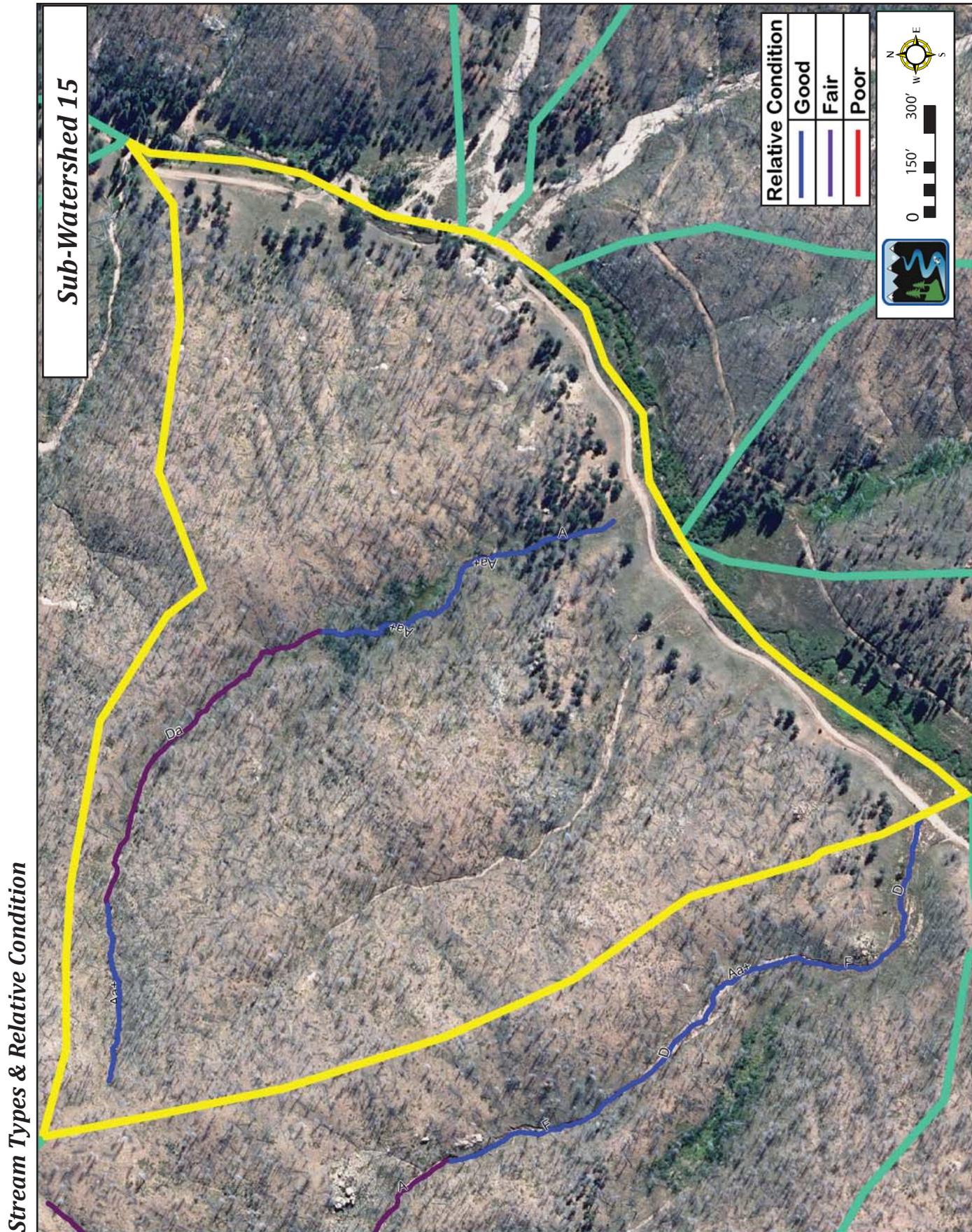


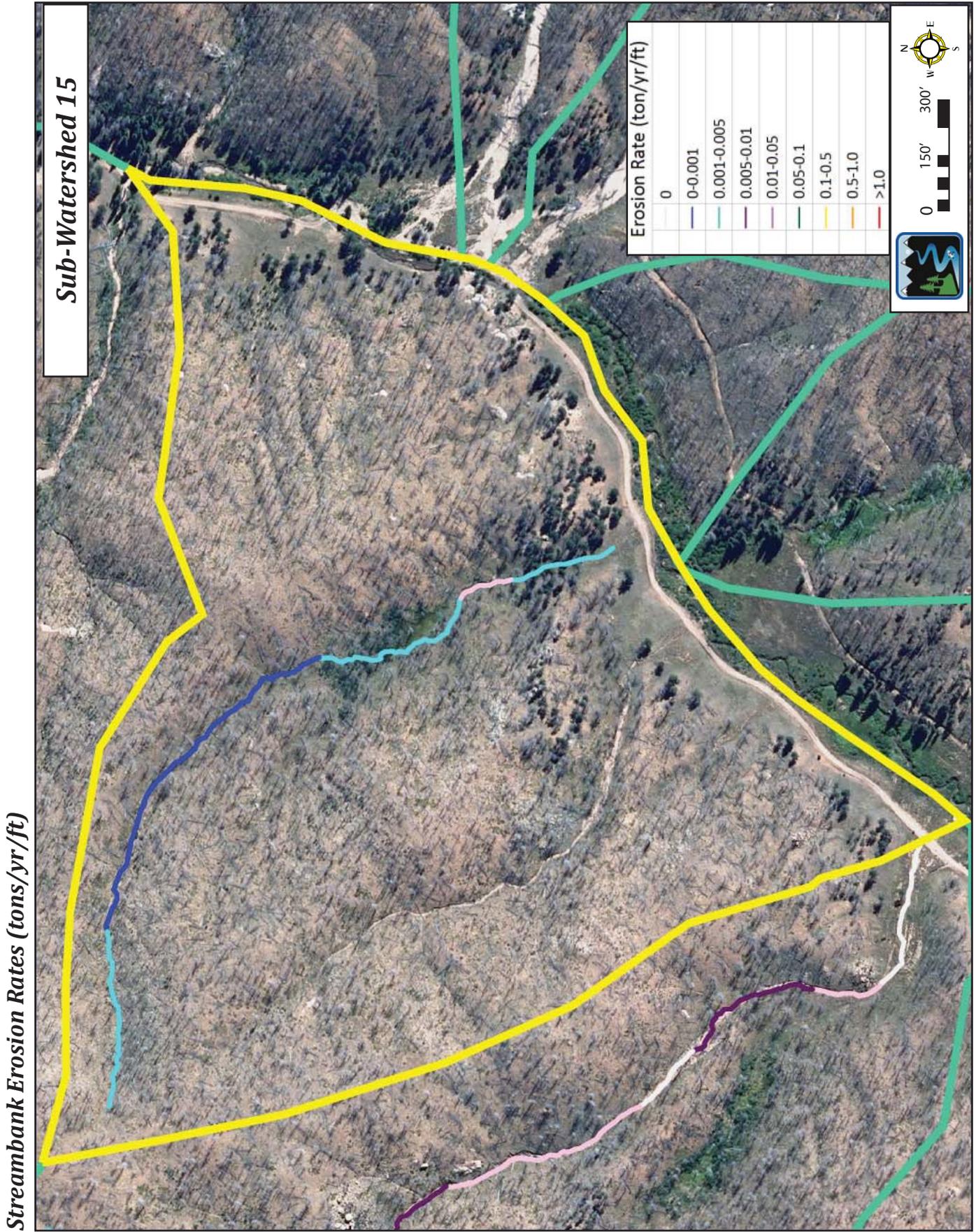
Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 15

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 15																				
Watershed Characteristics	Drainage Area (mi ²)	0.12		High	Moderate	Low	Unburned																	
	Drainage Density	11.93		Burn Severity (%)																				
			43.4%	47.5%	9.0%	0.0%																		
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW														
		1%	0%	26%	55%	17%	0%	0%	0%															
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G													
		47%	12%	0%	0%	0%	41%	0%	0%	0%	0%													
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		16																
			59%	41%	0%																			
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0													
Percent of Erosion Categories		41%	0%	32%	0%	20%	0%	6%	0%	0%														
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		49.48																		
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		49																		
Hydrology	Zone A			N/A			N/A			N/A			N/A											
	Q ₉₅ cfs	2.84	DA (mi ²)	0.121	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration				
	Water Yield (ac-ft)	311	346	346	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)				
	Flow-Related Sediment (tons/yr)	11	15	15	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)				
	Totals from all Zones		Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.																
		Water Yield (ac-ft)		311	346	36	346																	
		Flow-Related Sediment (tons)		11	15	4	15																	
Erosion Summary	Total Existing Water Yield (ac-ft)		346		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour															
	Total Existing Sediment Yield (tons/yr)		15		Sediment (tons/yr)	16	0	49	-51	Deposition														
					Percent of Total Yield	24%	0%	76%	77%															
Hydrologic Zones of Watershed																								

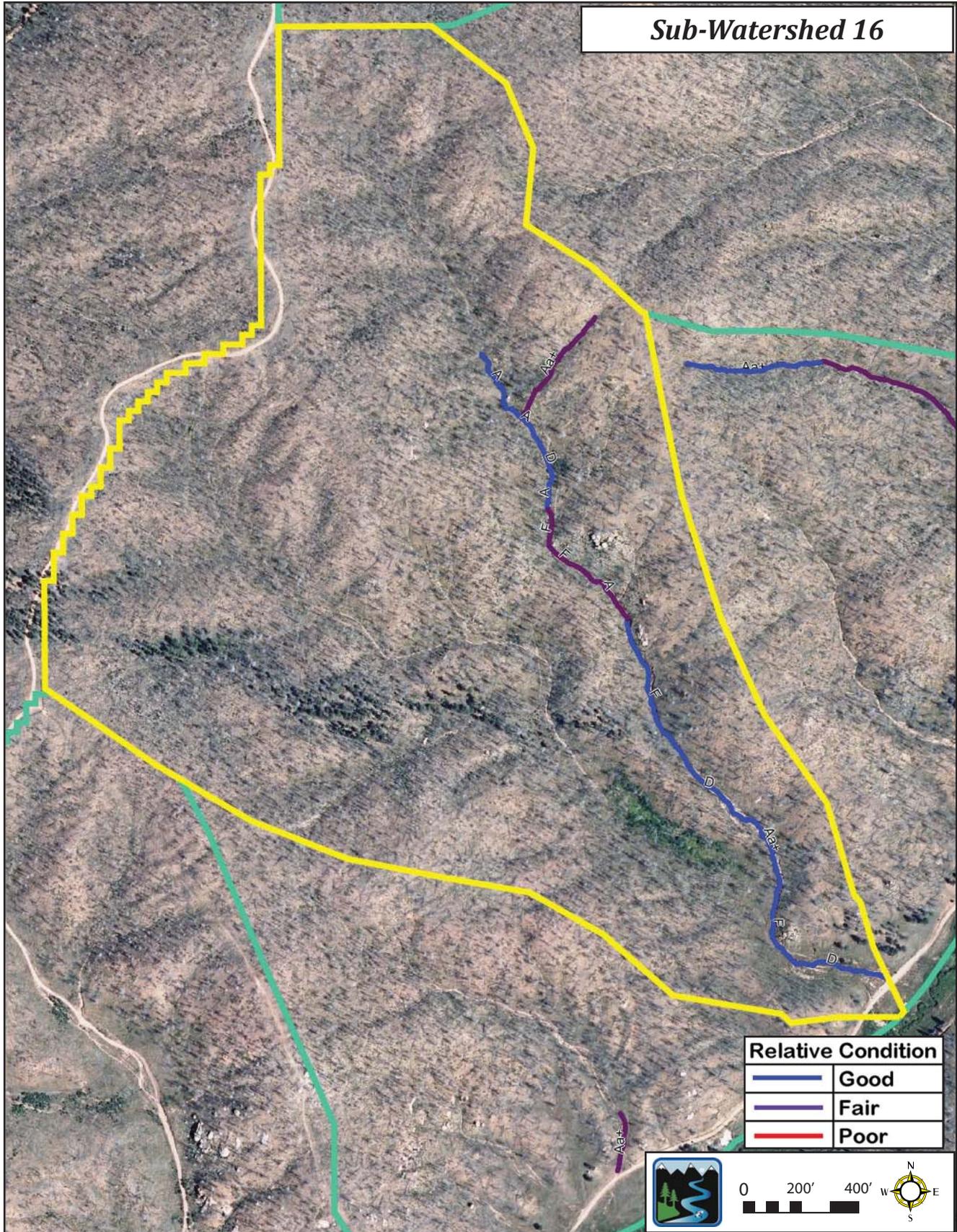




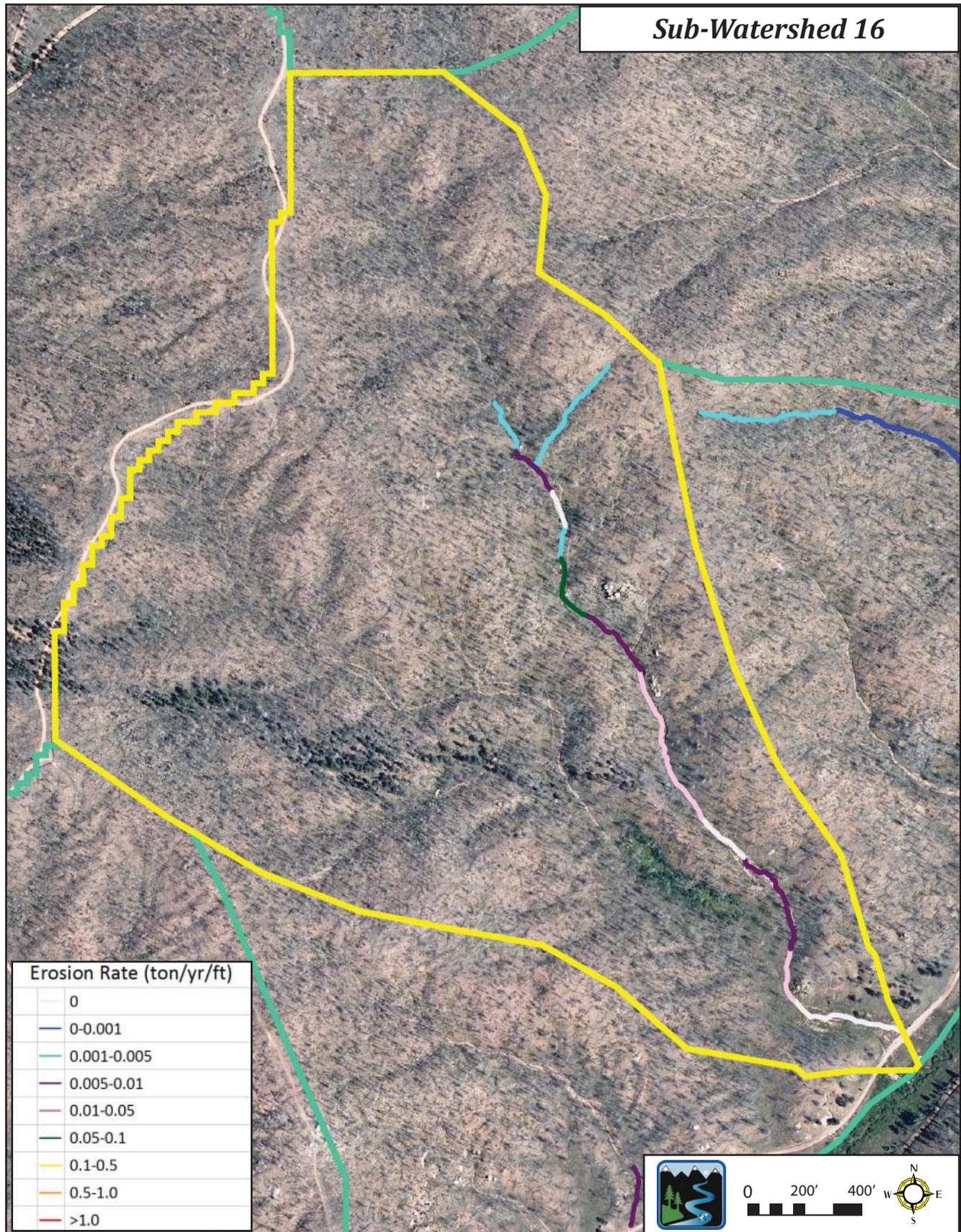
Sub-Watershed 16

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 16																									
Watershed Characteristics	Drainage Area (mi ²)	0.19		High	Moderate	Low	Unburned																						
	Drainage Density	10.38		Burn Severity (%)																									
				57.7%	33.2%	9.1%	0.0%																						
	Percent of Aspect			N	NE	E	SE	S	SW	W	NW																		
				0%	4%	35%	23%	27%	10%	0%	0%																		
Stream Types (%)			Aa+	A	B	C	D	Da+	E	F	Fb	G																	
			25%	23%	0%	0%	22%	0%	0%	29%	0%	0%																	
Streambank Erosion	Percent of Stream Conditions			Good	Fair	Poor	Total Erosion (tons/yr)			52																			
	Erosion Rate (tons/yr/ft)			0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																	
	Percent of Erosion Categories			0%	10%	26%	34%	28%	0%	3%	0%	0%																	
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)				99.7																				
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)				99.7																				
Hydrology	Zone A				N/A				N/A				N/A																
	Q ₉₅ cfs	3.60	DA (mi ²)	0.193	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	
	Water Yield (ac-ft)	393	450	450				Water Yield (ac-ft)							Water Yield (ac-ft)				Water Yield (ac-ft)										
	Flow-Related Sediment (tons/yr)	13	18	18				Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)										
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.																				
					Water Yield (ac-ft)	393	450	57	450																				
				Flow-Related Sediment (tons)	13	18	5	18	0																				
Erosion Summary	Total Existing Water Yield (ac-ft)		450		Sediment (tons/yr)		52	0	100	-133	Deposition or Scour																		
	Total Existing Sediment Yield (tons/yr)		18		Percent of Total Yield		34%	0%	66%	88%	Deposition																		
					Banks	Roads	Surface Erosion	Streambed																					
Hydrologic Zones of Watershed																													

Stream Types & Relative Condition



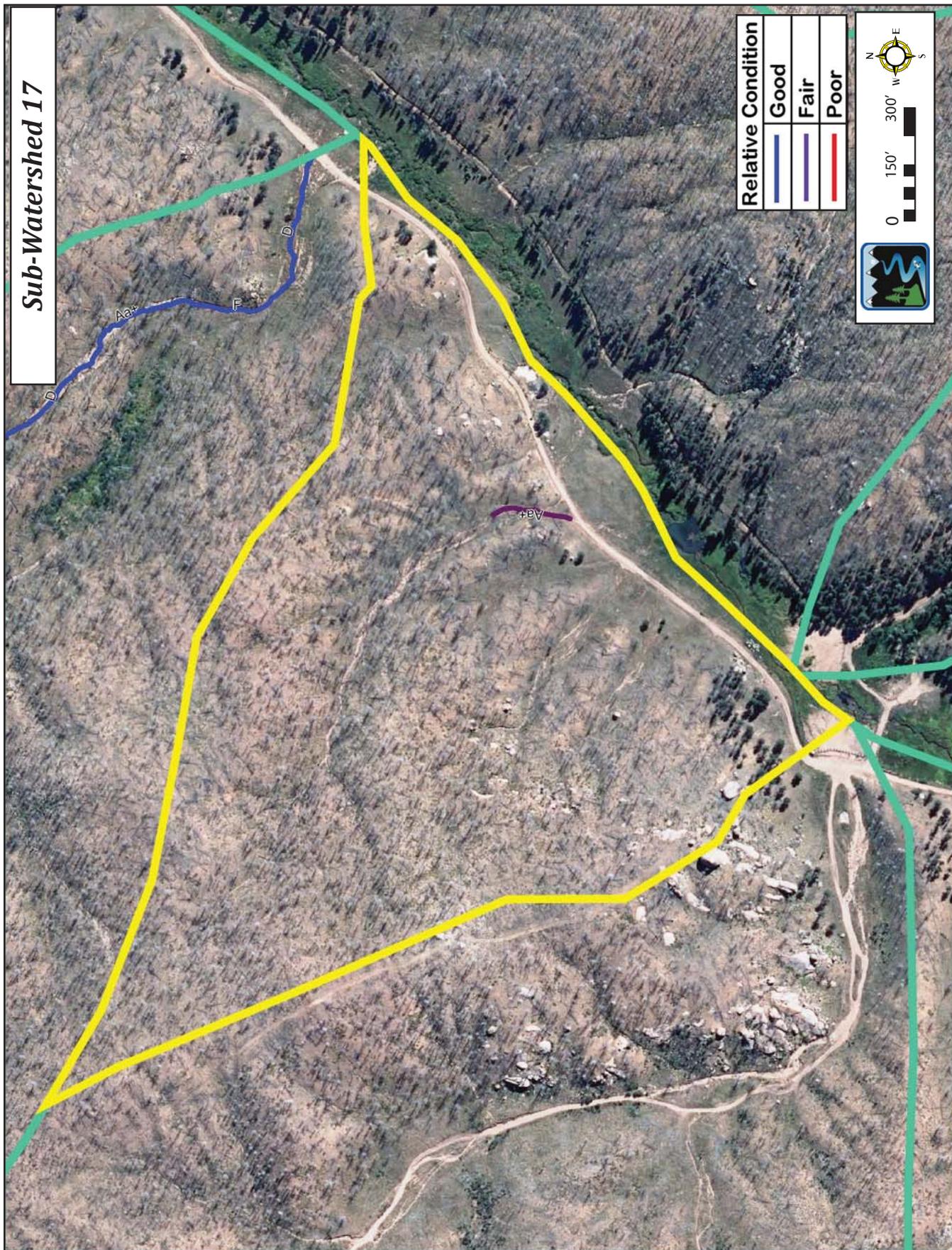
Streambank Erosion Rates (tons/yr/ft)

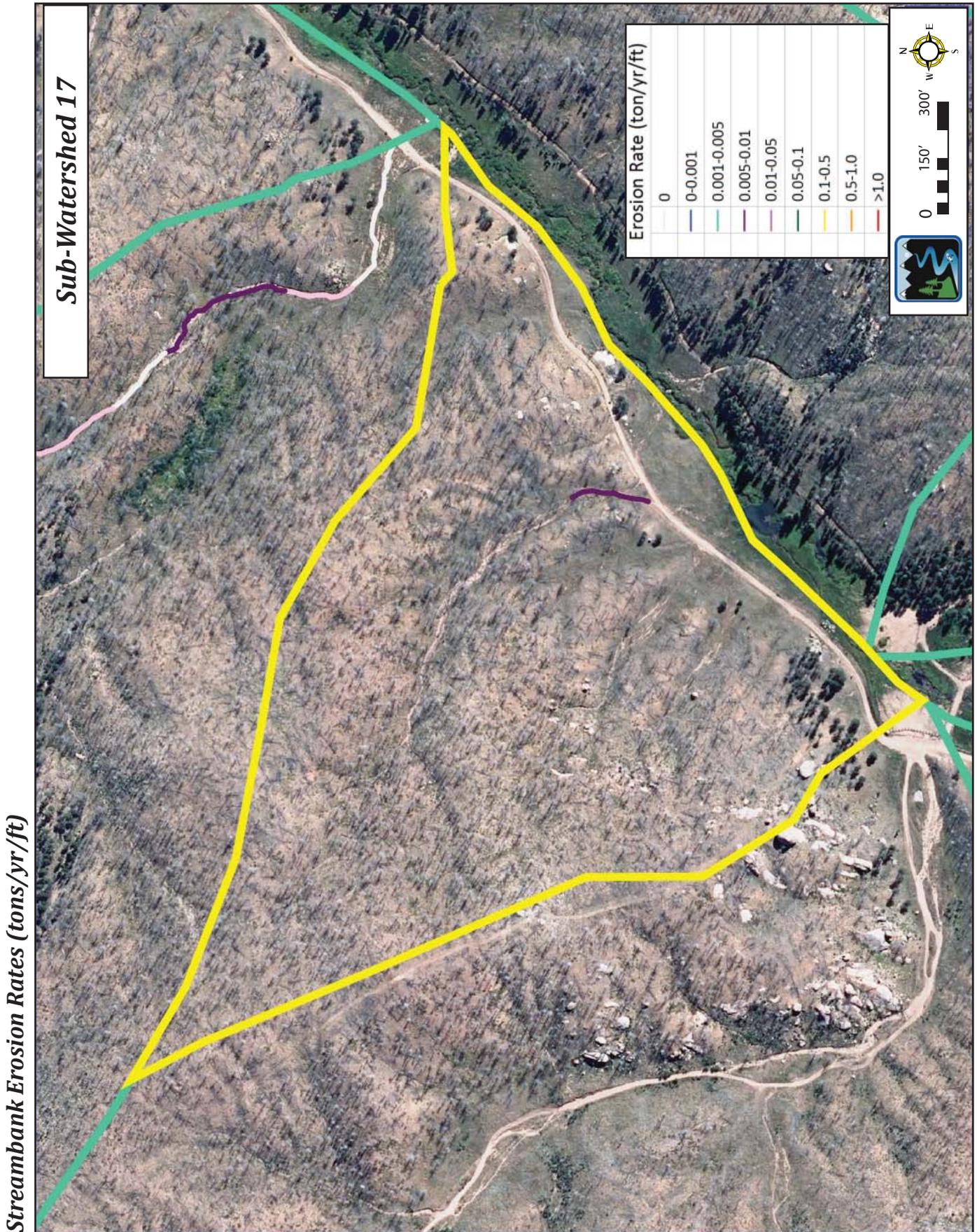


Sub-Watershed 17

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 17									
Watershed Characteristics	Drainage Area (mi ²)	0.07		High	Moderate	Low	Unburned						
	Drainage Density	7.56		Burn Severity (%)									
			85.1%	5.6%	8.4%	90.0%							
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW			
		0%	3%	24%	72%	0%	1%	0%	1%				
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G		
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%		
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		7					
			100%	0%	0%								
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0		
Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%			
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		48.98							
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		48.98							
Hydrology	Zone A			N/A			N/A			N/A			
	Q _{av} cfs	2.23	0.074	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration
	Water Yield (ac-ft)	243	265	265	Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)		
	Flow-Related Sediment (tons/yr)	10	52	38	Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)		
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.					
			243	265	22	265							
			10	52	42	38	-14						
Erosion Summary	Total Existing Water Yield (ac-ft)		265		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour				
	Total Existing Sediment Yield (tons/yr)		52		Sediment (tons/yr)	7	0	49	-4	Deposition			
					Percent of Total Yield	13%	0%	87%	7%				
Hydrologic Zones of Watershed													

Stream Types & Relative Condition





Sub-Watershed 18

Watershed Summary Stream: **Trail Creek Watershed** Sub-Watershed: **18**

Watershed Characteristics	Drainage Area (mi ²)	0.41											
	Drainage Density	9.71											
	Burn Severity (%)	High	Moderate	Low	Unburned								
		70.4%	23.1%	6.5%	0.0%								
Percent of Aspect	N	NE	E	SE	S	SW	W	NW					
	0%	1%	49%	32%	7%	11%	0%	0%					
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G			
	19%	38%	0%	0%	5%	9%	0%	5%	25%	0%			

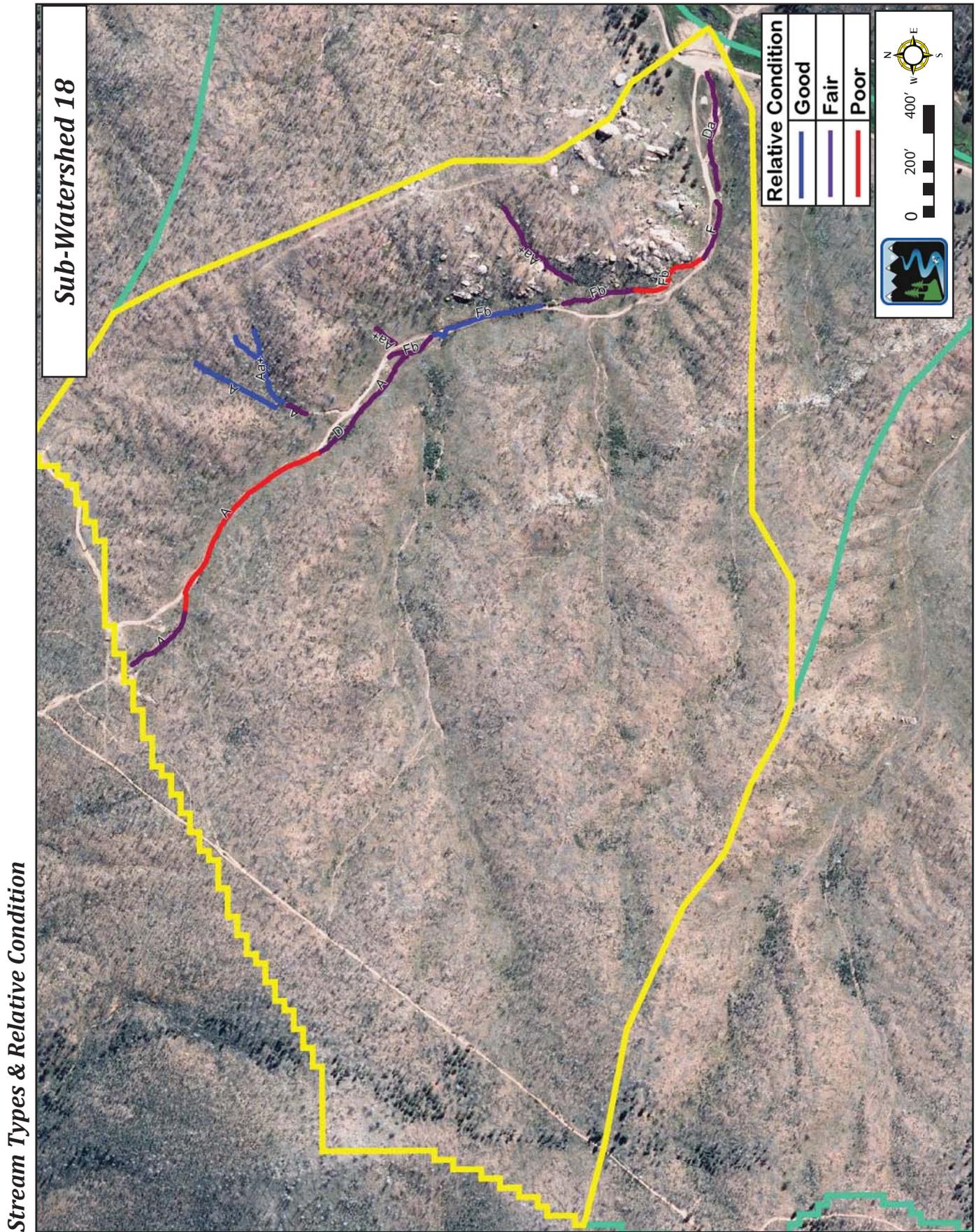
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor							Total Erosion (tons/yr)	428
		25%	52%	23%								
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0		
Percent of Erosion Categories		9%	5%	47%	0%	33%	0%	0%	6%	0%		

Hillslope	Length of Road (ft)	2,250												Sediment from Surface Erosion (tons/yr)	185.15
	Total Sediment from Roads (tons/yr)	6.7												Total Introduced Sediment (tons/yr)	191.9

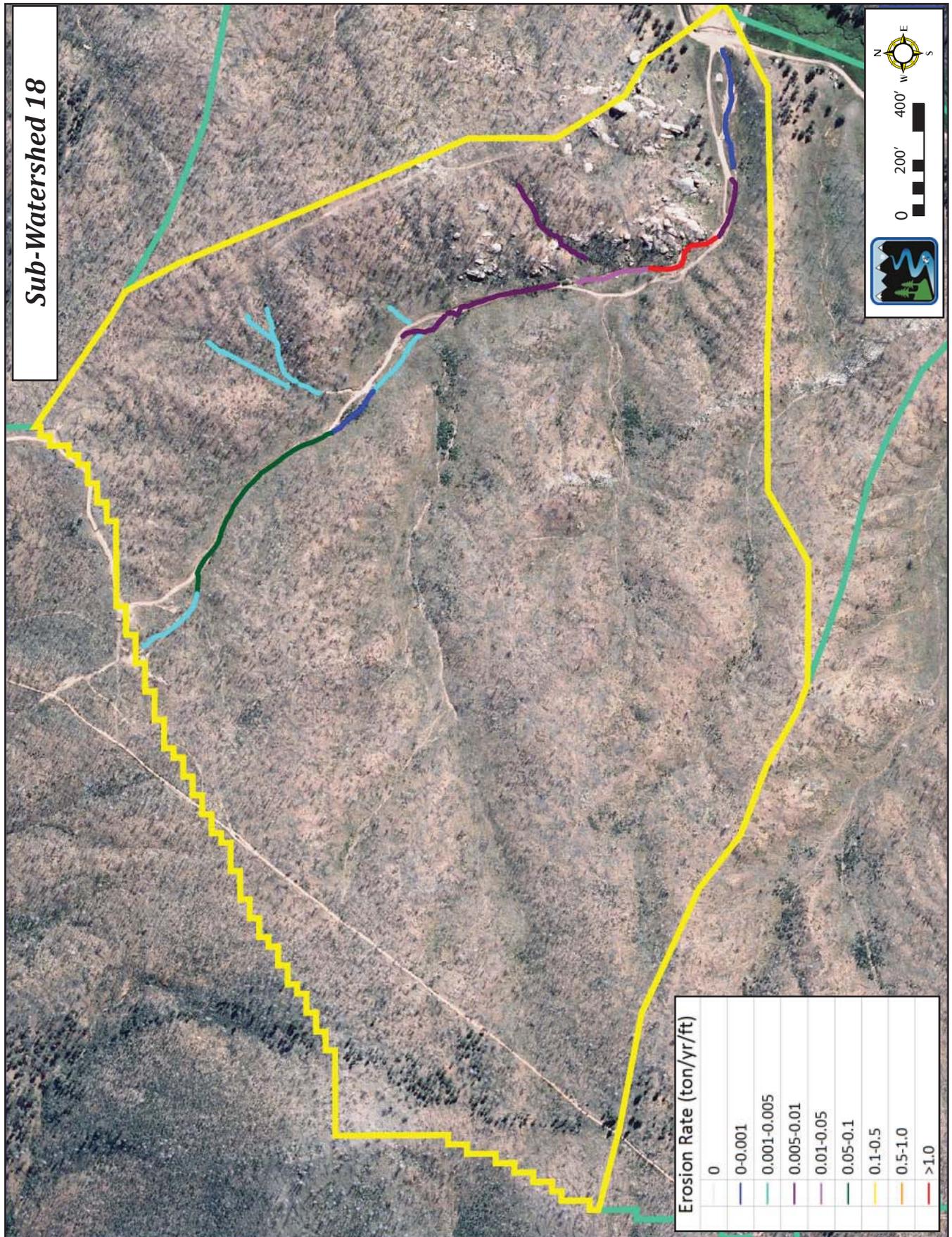
Hydrology	Zone A				N/A				N/A				N/A			
	Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)	
	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire
Water Yield (ac-ft)	443	516	516													
Flow-Related Sediment (tons/yr)	14	310	93													
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.						
		443		516		72		516								
		14		310		296		93		-217						

Erosion Summary	Total Existing Water Yield (ac-ft)	516					Banks	Roads	Surface Erosion	Streambed	Deposition or Scour
	Total Existing Sediment Yield (tons/yr)	310									
			Sediment (tons/yr)		Percent of Total Yield						
						69%	1%	30%	50%		





Streambank Erosion Rates (tons/yr/ft)



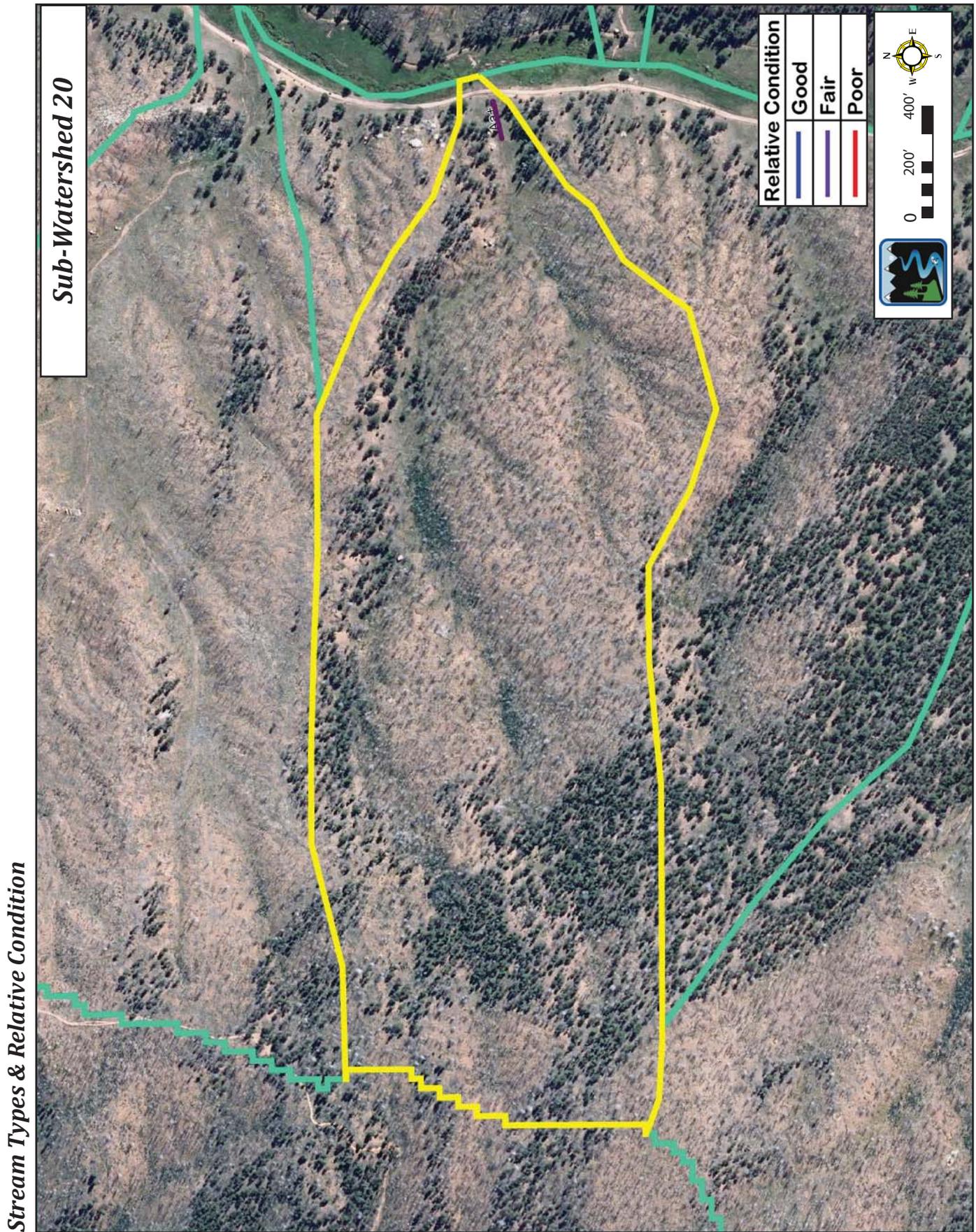
Sub-Watershed 19

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 19																				
Watershed Characteristics	Drainage Area (mi ²)	0.17		High	Moderate	Low	Unburned																	
	Drainage Density	10.54		Burn Severity (%)																				
				8.5%	73.9%	17.6%	0.0%																	
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW															
		0%	7%	62%	26%	4%	0%	1%	1%															
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G														
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%														
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)					16														
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0														
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%														
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		33.32																		
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		33.3																		
Hydrology	Zone A			N/A			N/A			N/A			N/A											
	Q ₉₅ cfs	3.34	DA (mi ²)	0.166	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration				
	Water Yield (ac-ft)	Pre-Fire	364	Post-Fire	411	Restoration	411	Pre-Fire		Post-Fire		Restoration		Pre-Fire		Post-Fire		Restoration		Pre-Fire		Post-Fire		Restoration
	Flow-Related Sediment (tons/yr)	12	17	17																				
	Totals from all Zones	Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.														
	Water Yield (ac-ft)		364		411		47		411		0													
	Flow-Related Sediment (tons)		12		17		5		17		0													
Erosion Summary	Total Existing Water Yield (ac-ft)		411		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)		17		Sediment (tons/yr)		16		0		33		-32											
	Percent of Total Yield		32%		0%		68%		66%		Deposition													
Hydrologic Zones of Watershed																								

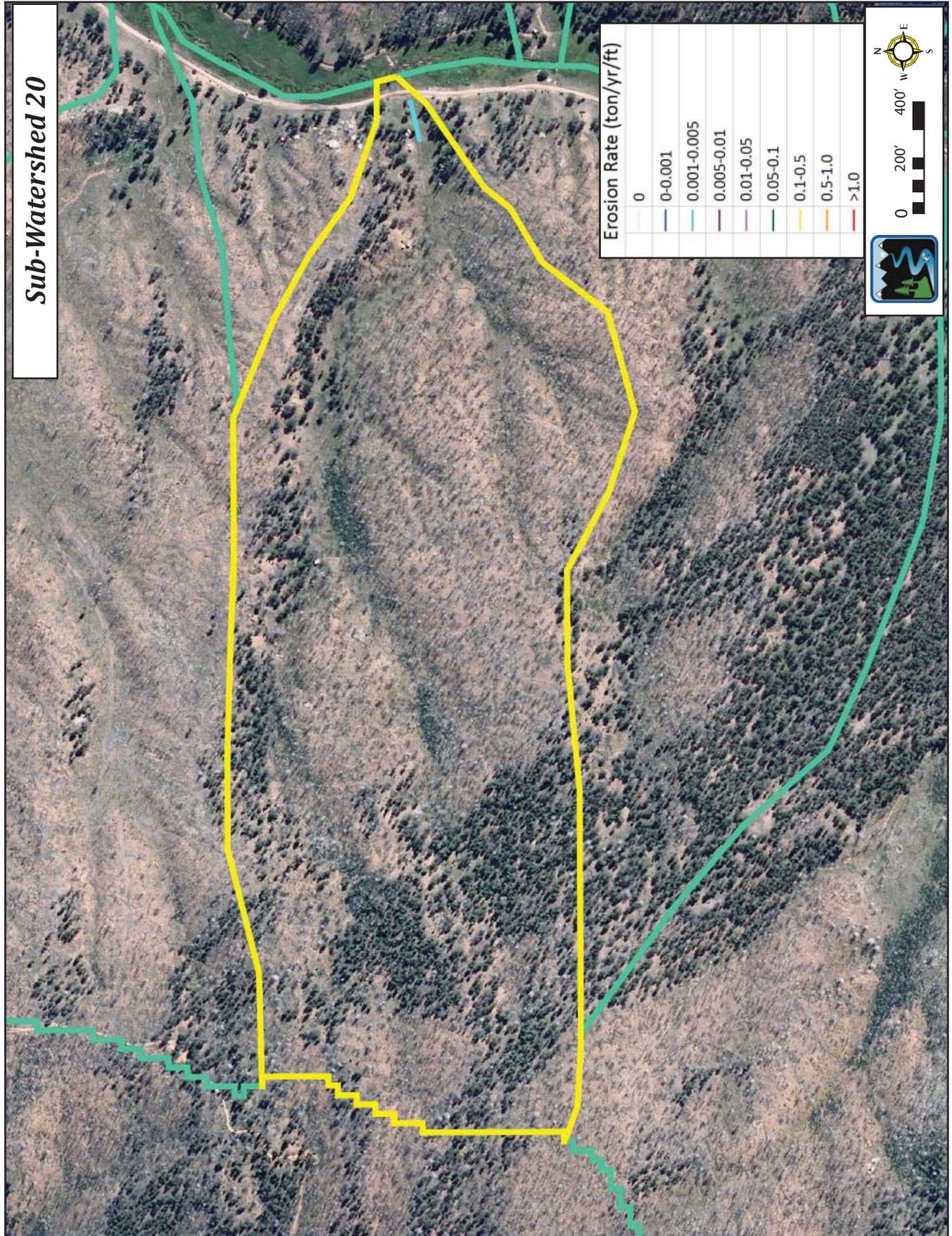
The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 20

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 20												
Watershed Characteristics	Drainage Area (mi ²)	0.25		High	Moderate	Low	Unburned									
	Drainage Density	10.28		Burn Severity (%)												
				5.2%	25.3%	64.4%	5.1%									
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
		0%	30%	56%	13%	0%	0%	0%	0%							
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G						
	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%						
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)											
		100%	0%	0%	14											
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%							
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		11.78										
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		11.78										
Hydrology	Zone A				N/A				N/A				N/A			
	Q ₉₅ cfs	3.02	0.136	Post-Restoration	Q ₉₅ cfs			Post-Restoration	Q ₉₅ cfs			Post-Restoration	Q ₉₅ cfs			Post-Restoration
	Pre-Fire	330	358	358	Pre-Fire				Pre-Fire				Pre-Fire			
	Water Yield (ac-ft)	330	358	358	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	11	14	14	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones	Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.										
Water Yield (ac-ft)	330		358	28	358											
Flow-Related Sediment (tons)	11		14	3	14	0										
Erosion Summary	Total Existing Water Yield (ac-ft)		358		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour Deposition							
	Total Existing Sediment Yield (tons/yr)		14		Sediment (tons/yr)	14	0	12		-11						
					Percent of Total Yield	54%	0%	46%		45%						
Hydrologic Zones of Watershed																



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 21

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 21												
Watershed Characteristics	Drainage Area (mi ²)	0.11		High	Moderate	Low	Unburned									
	Drainage Density	9.55		Burn Severity (%)												
				0.1%	0.0%	75.3%	24.5%									
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
		0%	1%	66%	32%	0%	0%	0%	0%							
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G						
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%						
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)				10							
		100%	0%	0%	Erosion Rate (tons/yr/ft)											
			0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0					
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%						
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)				3.96								
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)				3.96								
Hydrology	Zone A				N/A				N/A				N/A			
	Q ₉₅ cfs	2.76	DA (mi ²)	0.114	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration		
	Pre-Fire	302	Post-Fire	313	Restoration	313	Pre-Fire	302	Post-Fire	313	Restoration	313	Pre-Fire	302		
	Water Yield (ac-ft)	302	313	313	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	11	12	12	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones	Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.							
	Water Yield (ac-ft)		302		313		11		313							
	Flow-Related Sediment (tons)		11		12		1		12							
Erosion Summary	Total Existing Water Yield (ac-ft)		313		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		12		Sediment (tons/yr)		10		0		4		-2			
	Percent of Total Yield		72%		0%		28%		14%		Deposition		Deposition			
Hydrologic Zones of Watershed																

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 22

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 22																								
Watershed Characteristics	Drainage Area (mi ²)	0.42		High		Moderate		Low		Unburned																		
	Drainage Density	9.98		Burn Severity (%)		0.0%		31.1%		45.6%		23.3%																
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW																			
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G																	
				Good		Fair		Poor		Total Erosion (tons/yr)		37																
Streambank Erosion	Percent of Stream Conditions		100%		0%		0%		Erosion Rate (tons/yr/ft)		0		0-0.001		0.001-0.005		0.005-0.01		0.01-0.05		0.05-0.1		0.1-0.5		0.5-1.0		>1.0	
	Percent of Erosion Categories		0%		0%		0%		0%		0%		100%		0%		0%		0%									
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		23.7		Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		23.7													
Hydrology	Zone A				N/A				N/A				N/A															
	Q ₉₅ cfs	5.30	DA (mi ²)	0.417	Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)													
	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire													
	Post-Restoration		Post-Restoration		Post-Restoration		Post-Restoration		Post-Restoration		Post-Restoration		Post-Restoration		Post-Restoration													
	Water Yield (ac-ft)	579	663	663	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)															
Flow-Related Sediment (tons/yr)	16	24	24	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)																
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.																		
		Water Yield (ac-ft)		579		663		84		663		0																
		Flow-Related Sediment (tons)		16		24		7		24		0																
Erosion Summary	Total Existing Water Yield (ac-ft)		663		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour															
	Total Existing Sediment Yield (tons/yr)		24		Sediment (tons/yr)		37		0		24		-37															
					Percent of Total Yield		61%		0%		39%		61%															
Hydrologic Zones of Watershed																												

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 23

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 23																		
Watershed Characteristics	Drainage Area (mi ²)	0.10		High	Moderate	Low	Unburned															
	Drainage Density	8.79		Burn Severity (%)	0.0%	0.0%	66.0%	34.0%														
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW													
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G											
				Total Erosion (tons/yr)		8																
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor																	
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0											
		Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%										
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		2.95																
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		2.95																
Hydrology	Zone A				N/A				N/A				N/A									
	Q ₁₀₀ cfs	2.57	DA (mi ²)	0.099	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	281	303	303	Water Yield (ac-ft)			Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	10	13	13	Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)			
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.													
		Water Yield (ac-ft)		281	303	22	303															
		Flow-Related Sediment (tons)		10	13	2	13															
Erosion Summary	Total Existing Water Yield (ac-ft)		303		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour													
	Total Existing Sediment Yield (tons/yr)		13		Sediment (tons/yr)	8	0	3	2	Scour												
					Percent of Total Yield	73%	0%	27%	14%													
Hydrologic Zones of Watershed																						

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 25

Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:	25													
Watershed Characteristics	Drainage Area (mi ²)	0.05		High		Moderate	Low	Unburned													
				Burn Severity (%)		0.0%	22.6%	67.1%	10.3%												
	Drainage Density	14.12																			
				N	NE	E	SE	S	SW	W	NW										
	Percent of Aspect	2%	9%	20%	52%	18%	0%	0%	1%												
			Aa+	A	B	C	D	Da+	E	F	Fb	G									
Stream Types (%)	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%									
Streambank Erosion			Good	Fair	Poor			Total Erosion (tons/yr)	7												
			Percent of Stream Conditions		100%	0%	0%														
			Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0								
		Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%									
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		4.08														
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		4.08														
Hydrology	Zone A				N/A				N/A				N/A								
	Q ₁₀₀ cfs	1.88	DA (mi ²)	0.053	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	
	Water Yield (ac-ft)	Pre-Fire	205	Post-Fire	212	Restoration	212	Water Yield (ac-ft)	Pre-Fire		Post-Fire		Restoration		Water Yield (ac-ft)	Pre-Fire		Post-Fire		Restoration	
	Flow-Related Sediment (tons/yr)	9	9	9	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
	Totals from all Zones		Pre-Fire		205	Post-Fire	212	Total Increase	6	Post-Restoration	212	Reduction Post-Rest.	0								
		Water Yield (ac-ft)		205	212	6	212														
		Flow-Related Sediment (tons)		9	9	1	9														
Erosion Summary	Total Existing Water Yield (ac-ft)		212		Banks		7	Roads	0	Surface Erosion	4	Streambed	-2	Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		9		Sediment (tons/yr)		7	0	4	-2	Deposition										
			Percent of Total Yield		63%	0%	37%	15%													
Hydrologic Zones of Watershed																					

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

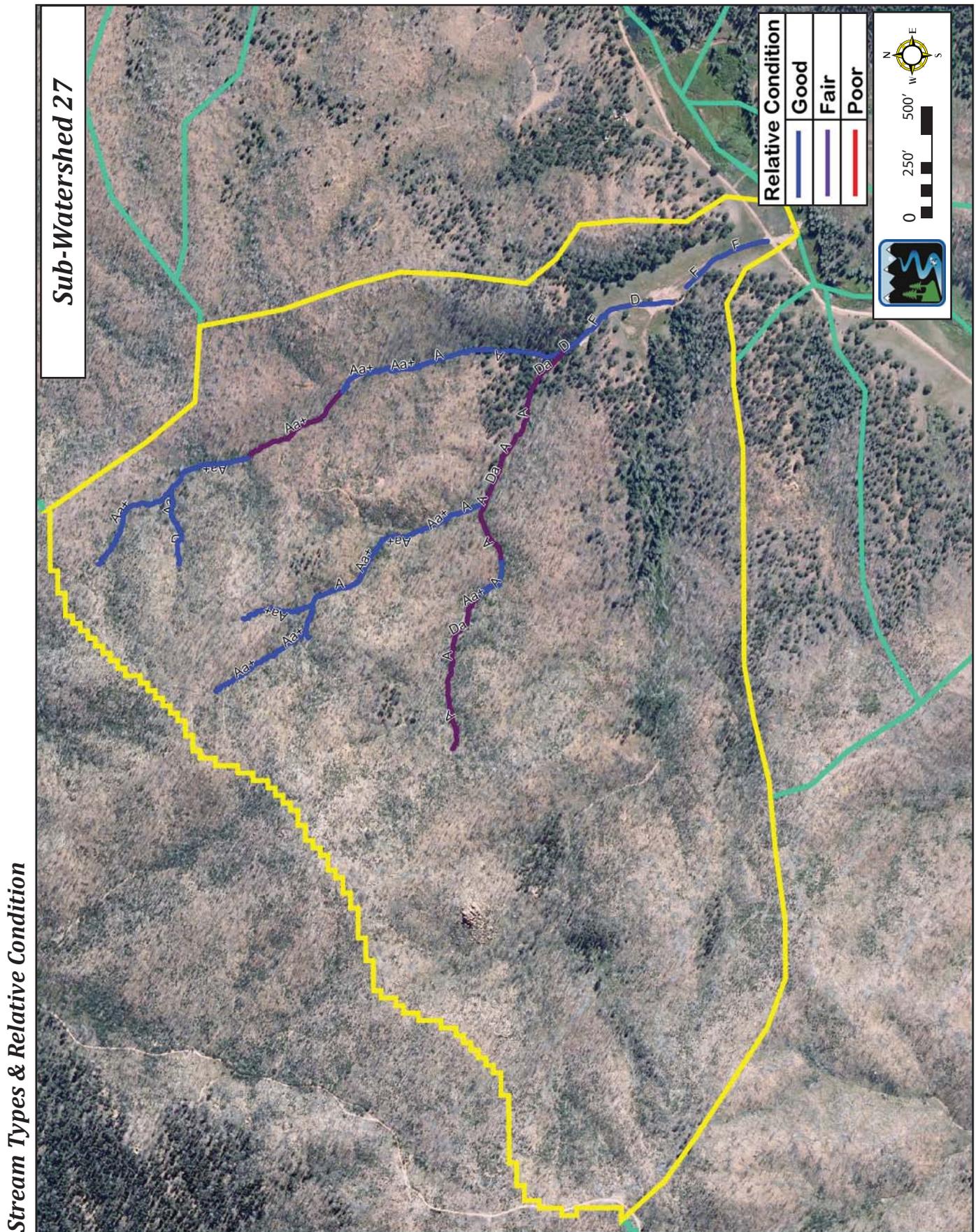
Sub-Watershed 26

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 26																
Watershed Characteristics	Drainage Area (mi ²)	0.11		High	Moderate	Low	Unburned													
	Drainage Density	13.76		Burn Severity (%)																
				0.0%	35.9%	48.9%	15.2%													
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW											
		0%	0%	13%	73%	14%	0%	0%	0%											
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G										
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)					14										
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0										
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%										
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		8.14														
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		8.14														
Hydrology	Zone A				N/A				N/A				N/A				N/A			
	Q _{av} cfs	2.76	DA (mi ²)	0.114	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration	Q _{av} cfs	DA (mi ²)	Post-Restoration			
	Water Yield (ac-ft)	302	Pre-Fire	327	Post-Fire	327	Pre-Fire	Post-Fire	Restoration	Water Yield (ac-ft)	Pre-Fire	Post-Fire	Restoration	Water Yield (ac-ft)	Pre-Fire	Post-Fire	Restoration			
	Flow-Related Sediment (tons/yr)	11	14	14	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.											
				Water Yield (ac-ft)	302	327	25	327												
				Flow-Related Sediment (tons)	11	14	3	14	0											
Erosion Summary	Total Existing Water Yield (ac-ft)		327		Banks	Roads	Surface Erosion	Streambeds	Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)		14		Sediment (tons/yr)	14	0	8	-9	Deposition										
					Percent of Total Yield	63%	0%	37%	39%											
Hydrologic Zones of Watershed																				

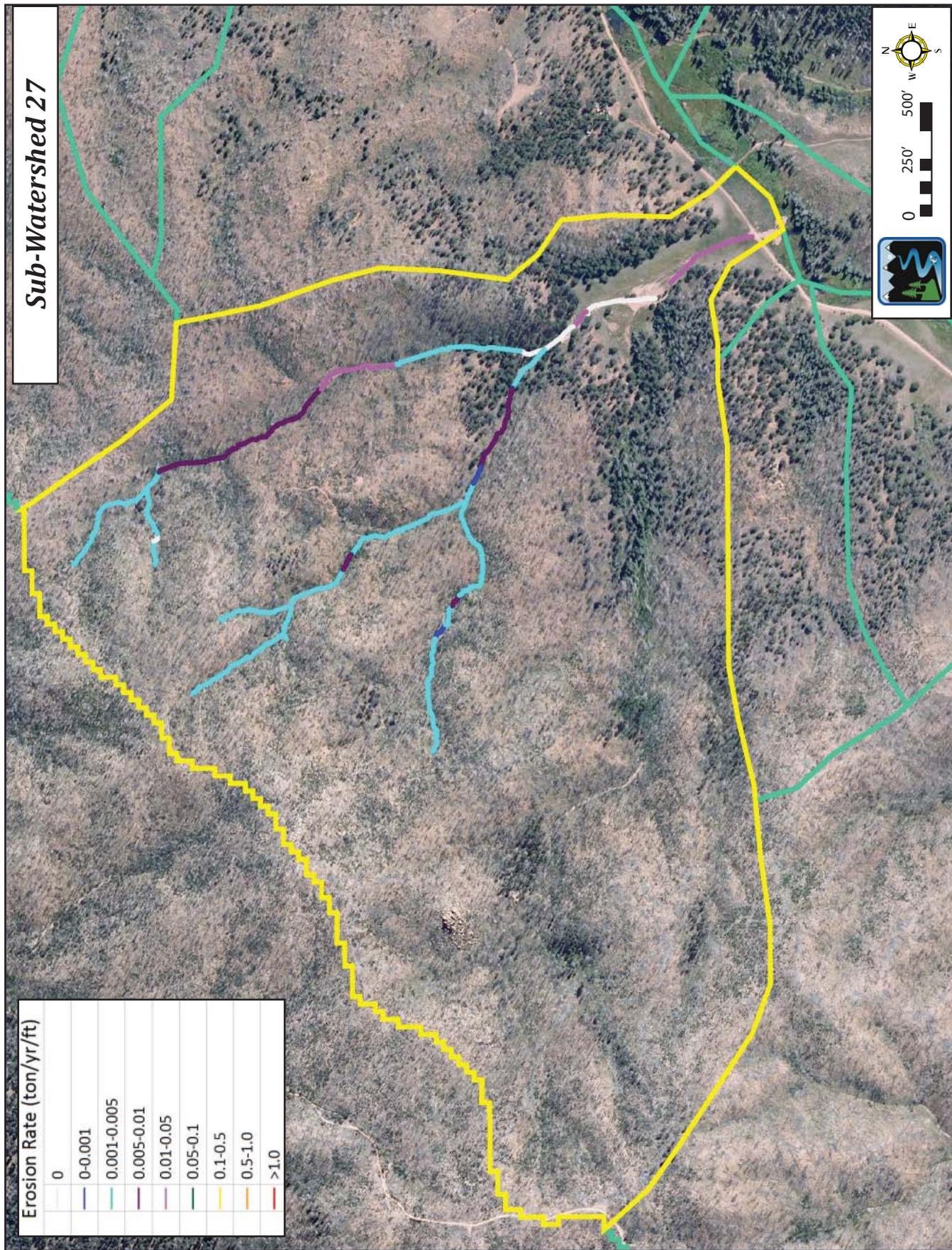
The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 27

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 27								
Watershed Characteristics	Drainage Area (mi ²)	0.35		High	Moderate	Low	Unburned					
	Drainage Density	13.77		Burn Severity (%)								
			7.8%		63.4%		28.0%		90.0%			
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW		
		0%	16%	28%	37%	19%	0%	0%	0%			
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G	
		47%	32%	0%	0%	8%	6%	0%	6%	0%	0%	
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		68				
			70%	30%	0%							
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0	
Percent of Erosion Categories		8%	10%	23%	36%	20%	3%	0%	0%	0%		
Hillslope	Length of Road (ft)	3,500		Sediment from Surface Erosion (tons/yr)		64.9						
	Total Sediment from Roads (tons/yr)	11.1		Total Introduced Sediment (tons/yr)		76						
Hydrology	Zone A			Zone B			N/A			N/A		
	Q ₁₀₀ cfs	4.59	0.313	0.58	0.005							
	DA (mi ²)											
	Pre-Fire	501	578	63	64	64						
	Post-Fire											
	Post-Restoration	578		64								
	Water Yield (ac-ft)											
	Flow-Related Sediment (tons/yr)	15	22	22	4	4	4					
	Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.	
			564		642		77		642		0	
		19		26		7		26		0		
Erosion Summary	Total Existing Water Yield (ac-ft)		642		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		26		Sediment (tons/yr)	68	11	65	-118	Deposition		
					Percent of Total Yield	47%	8%	45%	82%			
Hydrologic Zones of Watershed												



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 28

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 28											
Watershed Characteristics	Drainage Area (mi ²)	0.77		High		Moderate		Low		Unburned					
	Drainage Density	9.59		Burn Severity (%)		0.0%		26.0%		67.2%		6.8%			
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW						
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G				
				Good		Fair		Poor		Total Erosion (tons/yr)		10			
Streambank Erosion	Percent of Stream Conditions		100%		0%		0%								
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0				
Percent of Erosion Categories		0%		0%		0%		0%		0%		100%			
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)						7.37				
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)						7.37				
Hydrology	Zone A			Zone B			N/A			N/A			N/A		
	Q _{av} cfs	1.62	0.039	1.86	0.052										
	DA (mi ²)														
	Pre-Fire	177	180	180	204	211	211								
	Post-Fire	180	180	180	211	211	211								
Post-Restoration	180	180	180	211	211	211									
Water Yield (ac-ft)	8	8	8	9	9	9									
Flow-Related Sediment (tons/yr)	8	8	8	9	9	9									
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.					
		380		391		10		391		0					
		17		18		1		18		0					
Erosion Summary	Total Existing Water Yield (ac-ft)		391		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour		
	Total Existing Sediment Yield (tons/yr)		18		Sediment (tons/yr)		10		0		7		0		
					Percent of Total Yield		58%		0%		42%		2%		
Hydrologic Zones of Watershed															

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 29

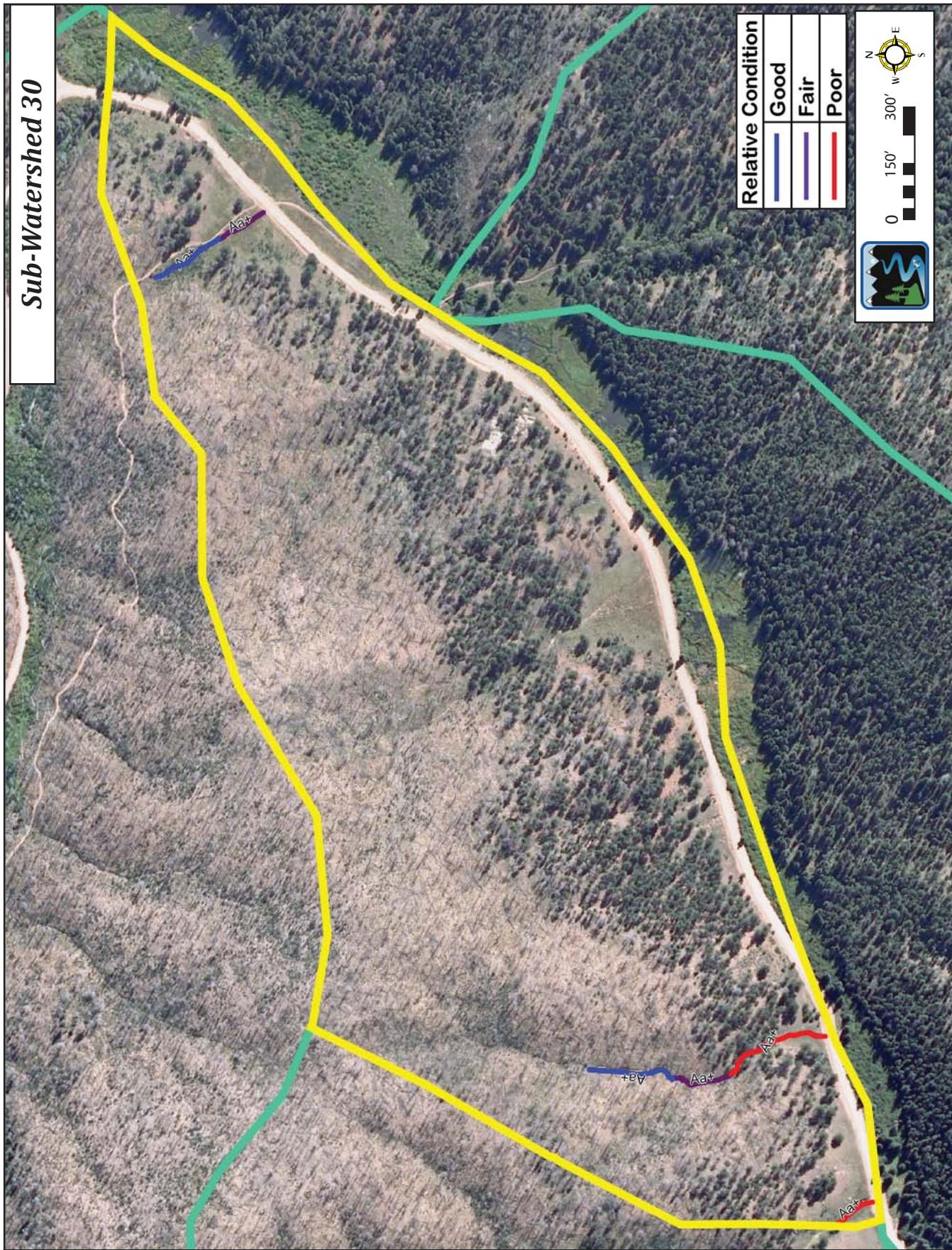
Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 29													
Watershed Characteristics	Drainage Area (mi ²)	0.73														
	Drainage Density	9.4														
	Burn Severity (%)	High	Moderate	Low	Unburned											
		4.9%	38.6%	39.4%	17.0%											
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
		13%	20%	19%	26%	18%	2%	0%	1%							
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G					
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%					
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)							62				
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%						
Hillslope	Length of Road (ft)	7,000		Sediment from Surface Erosion (tons/yr)							32.1					
	Total Sediment from Roads (tons/yr)	26.8		Total Introduced Sediment (tons/yr)							58.9					
Hydrology	Zone A				N/A				N/A				N/A			
	Q _{ave} cfs	7.01	0.729		Q _{ave} cfs				Q _{ave} cfs				Q _{ave} cfs			
	DA (mi ²)				DA (mi ²)				DA (mi ²)				DA (mi ²)			
	Pre-Fire			Post-Restoration	Pre-Fire			Post-Restoration	Pre-Fire			Post-Restoration	Pre-Fire			Post-Restoration
	Water Yield (ac-ft)	766	907	907	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
Flow-Related Sediment (tons/yr)	20	32	32	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				
Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.								
				766	907	141	907	0								
				20	32	12	32	0								
Erosion Summary	Total Existing Water Yield (ac-ft)		907		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		32		Sediment (tons/yr)		27		32		-89		Deposition			
					Percent of Total Yield		51%		22%		27%		74%			
Hydrologic Zones of Watershed																

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

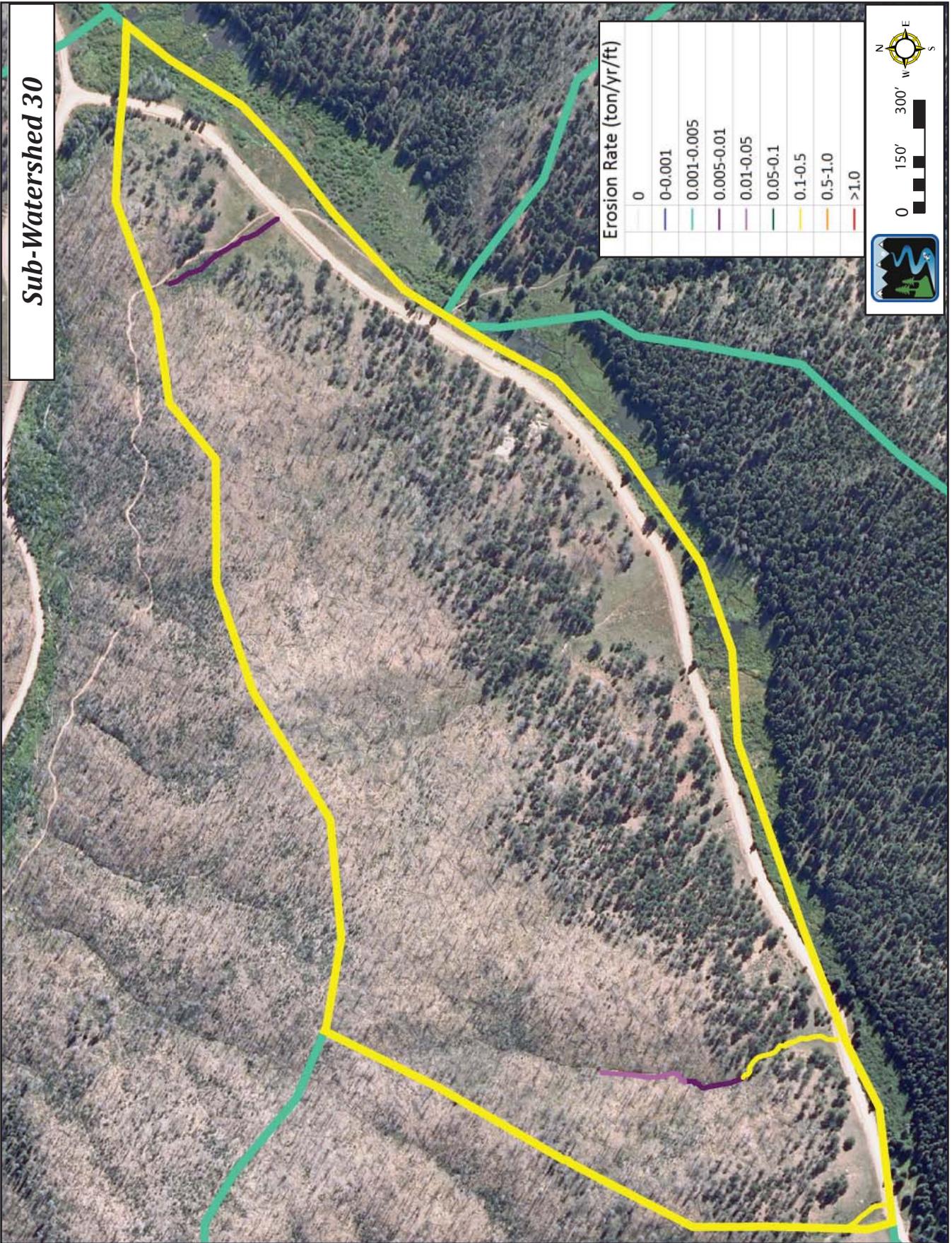
Sub-Watershed 30

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 30																				
Watershed Characteristics	Drainage Area (mi ²)	0.03		High		Moderate		Low		Unburned														
	Drainage Density	11		Burn Severity (%)		0.0%		32.6%		54.9%		12.4%												
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW														
			0%	3%	57%	39%	0%	0%	0%	0%														
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G													
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%													
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		9																
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0													
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%													
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		7.82																	
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		7.82																	
Hydrology	Zone A			N/A			N/A			N/A			N/A											
	Q ₁₀₀ cfs	2.67	DA (m ²)	0.106	Post-Restoration		Q ₁₀₀ cfs		DA (m ²)		Post-Restoration		Q ₁₀₀ cfs		DA (m ²)		Post-Restoration		Q ₁₀₀ cfs		DA (m ²)		Post-Restoration	
	Water Yield (ac-ft)	292	311	311		Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)								
	Flow-Related Sediment (tons/yr)	11	64	45		Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)								
	Totals from all Zones			Pre-Fire			Post-Fire			Total Increase			Post-Restoration			Reduction Post-Rest.								
Water Yield (ac-ft)			292			311			19			311			-20									
Flow-Related Sediment (tons)			11			64			54			45												
Erosion Summary	Total Existing Water Yield (ac-ft)		311		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)		64		Sediment (tons/yr)		9		0		8		47											
	Percent of Total Yield		54%		0%		46%		74%		Scour													
Hydrologic Zones of Watershed																								

Stream Types & Relative Condition



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 33

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 33									
Watershed Characteristics	Drainage Area (mi ²)	0.13		High	Moderate	Low	Unburned						
	Drainage Density	10.88		Burn Severity (%)									
	Percent of Aspect			N	NE	E	SE	S	SW	W	NW		
	Stream Types (%)			Aa+	A	B	C	D	Da+	E	F	Fb	G
Streambank Erosion	Percent of Stream Conditions			Good	Fair	Poor	Total Erosion (tons/yr)					18	
	Erosion Rate (tons/yr/ft)			0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0	
	Percent of Erosion Categories			0%	0%	0%	0%	0%	100%	0%	0%	0%	
	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)				5.96				
Hill Slope	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)				5.96				
	Hydrology												
Hydrology	Zone A			N/A			N/A			N/A			
	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	
	Pre-Fire	Post-Fire	Restoration	Pre-Fire	Post-Fire	Restoration	Pre-Fire	Post-Fire	Restoration	Pre-Fire	Post-Fire	Restoration	
	Water Yield (ac-ft)	197	209	209	Water Yield (ac-ft)				Water Yield (ac-ft)				
	Flow-Related Sediment (tons/yr)	8	10	10	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				
Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.						
			Water Yield (ac-ft)	197	209	12	209						
			Flow-Related Sediment (tons)	8	10	1	10						
Erosion Summary	Total Existing Water Yield (ac-ft)		209		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour				
	Total Existing Sediment Yield (tons/yr)		10		Sediment (tons/yr)	18	0	6	-14	Deposition			
					Percent of Total Yield	75%	0%	25%	59%				
Hydrologic Zones of Watershed													

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

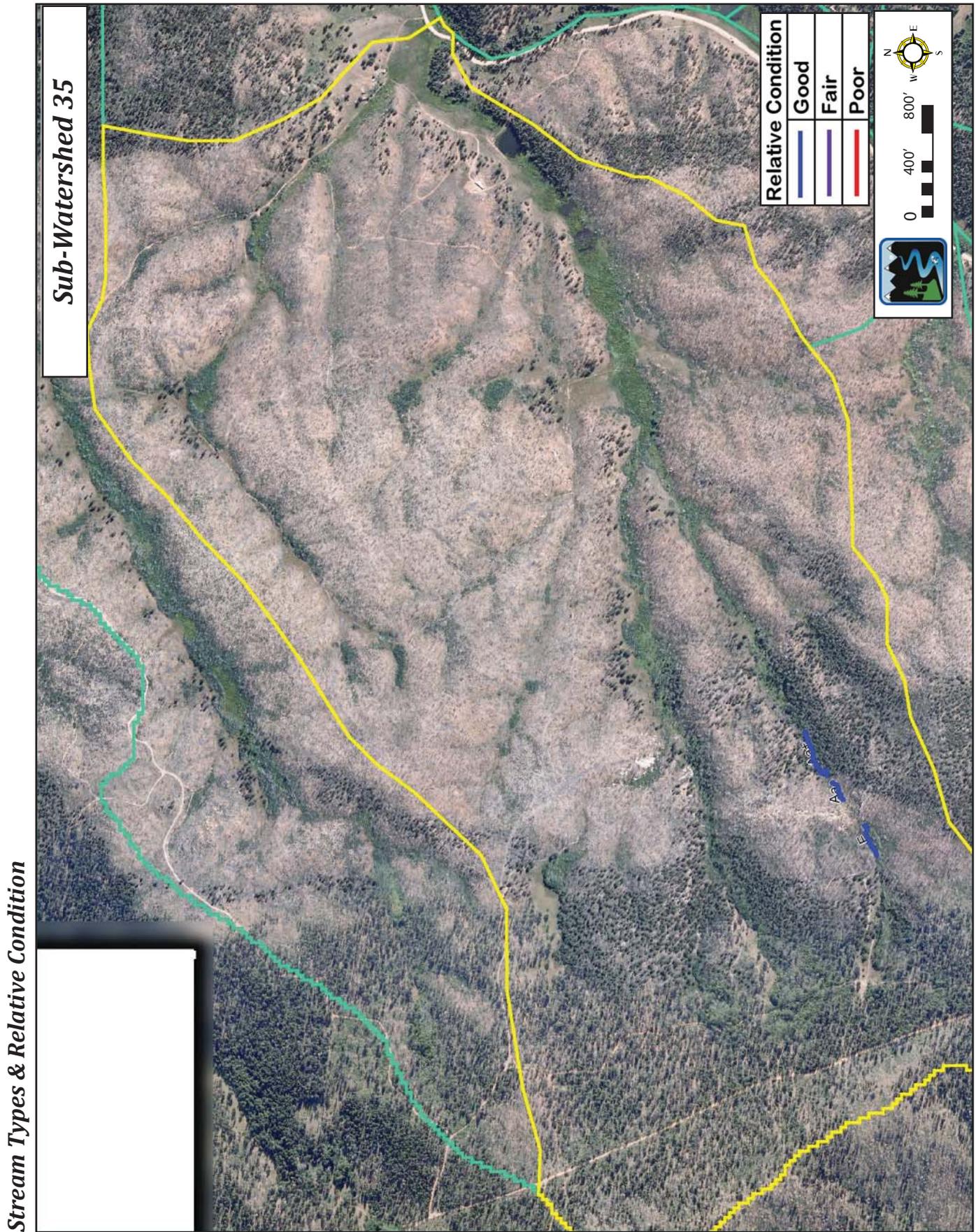
Sub-Watershed 34

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 34													
Watershed Characteristics	Drainage Area (mi ²)	0.08		High	Moderate	Low	Unburned										
	Drainage Density	10.58		Burn Severity (%)													
			0.0%	1.1%	85.1%	13.7%											
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW							
		1%	13%	4%	38%	36%	0%	0%	7%								
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G						
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%						
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		8									
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%						
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		2.69											
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		2.69											
Hydrology	Zone A			N/A			N/A			N/A			N/A				
	Q ₁₀₀ cfs	2.36	DA (mi ²)	0.084	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	258	266	266	Water Yield (ac-ft)												
	Flow-Related Sediment (tons/yr)	10	11	11	Flow-Related Sediment (tons/yr)												
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.									
			Water Yield (ac-ft)	258	266	7	266										
			Flow-Related Sediment (tons)	10	11	1	11	0									
Erosion Summary	Total Existing Water Yield (ac-ft)		266		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour								
	Total Existing Sediment Yield (tons/yr)		11		Sediment (tons/yr)	8	0	3	0	Scour							
	Percent of Total Yield		75%		0%	25%	0%										
Hydrologic Zones of Watershed																	

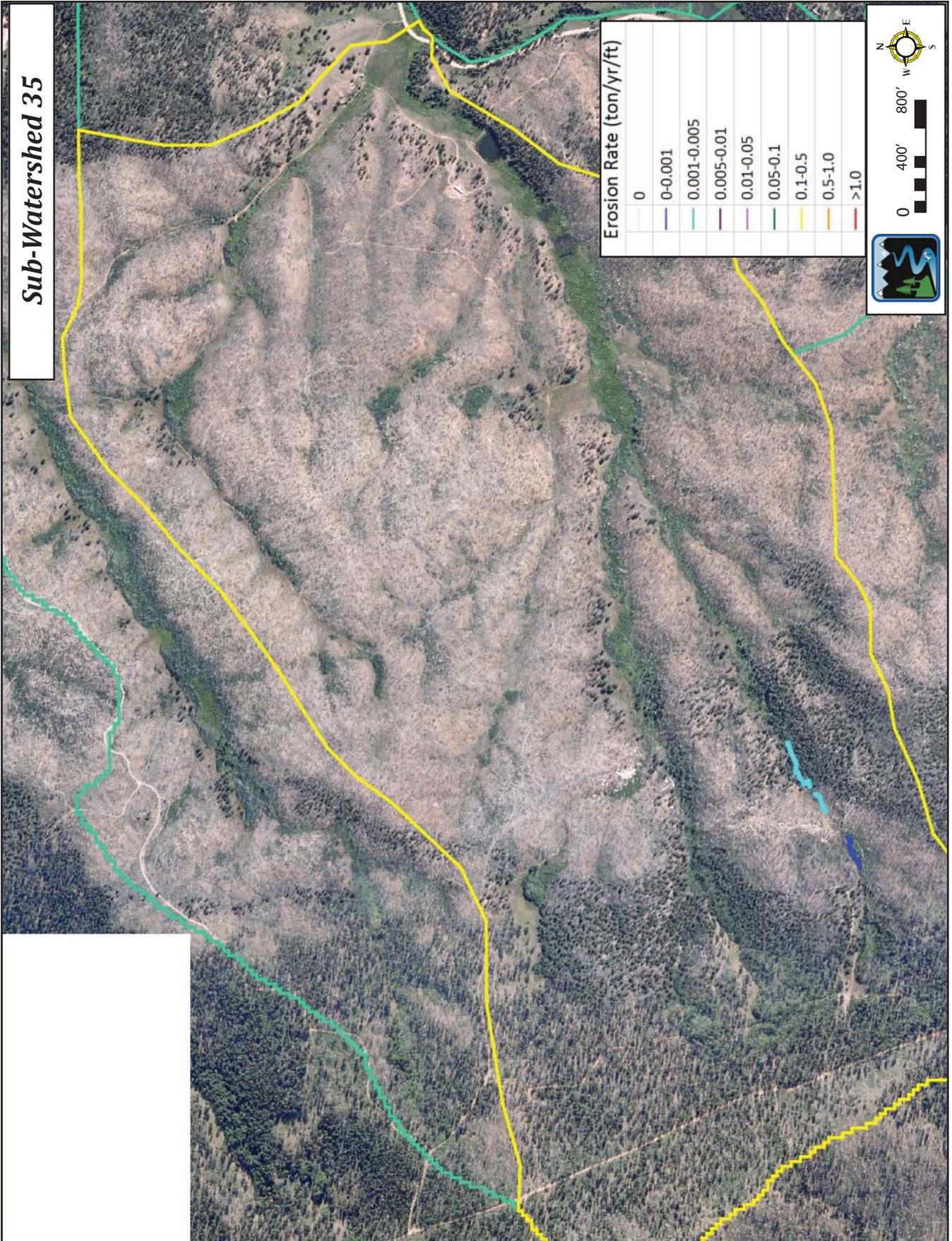
The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 35

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 35																		
Watershed Characteristics	Drainage Area (mi ²)	1.11		High		Moderate		Low		Unburned											
	Drainage Density	10		Burn Severity (%)		2.6%		58.2%		23.7%		15.5%									
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW												
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G										
		66%	0%	0%	0%	0%	0%	34%	0%	0%	0%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)							95									
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0											
	Percent of Erosion Categories	0%	34%	0%	53%	13%	0%	0%	0%	0%											
Hillslope	Length of Road (ft)	2,000		Sediment from Surface Erosion (tons/yr)							34.4										
	Total Sediment from Roads (tons/yr)	2.7		Total Introduced Sediment (tons/yr)							37.1										
Hydrology	Zone A				N/A				N/A				N/A								
	Q ₉₅ cfs	2.71	DA (mi ²)	0.110	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	296	318	318																	
	Flow-Related Sediment (tons/yr)	11	13	13																	
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.												
				Water Yield (ac-ft)	296	318	22	318													
				Flow-Related Sediment (tons)	11	13	2	13	0												
Erosion Summary	Total Existing Water Yield (ac-ft)		318		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour								
	Total Existing Sediment Yield (tons/yr)		13		Sediment (tons/yr)		95		3		34		-119								
					Percent of Total Yield		72%		2%		26%		90%								
Hydrologic Zones of Watershed																					



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 36

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 36															
Watershed Characteristics	Drainage Area (mi ²)	0.13		High		Moderate		Low		Unburned									
	Drainage Density	9.95		Burn Severity (%)		0.0%		3.1%		79.4%		17.5%							
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW										
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G								
				Good		Fair		Poor		Total Erosion (tons/yr)		12							
Streambank Erosion	Percent of Stream Conditions		100%		0%		0%												
	Erosion Rate (tons/yr/ft)		0		0-0.001		0.001-0.005		0.005-0.01		0.01-0.05		0.05-0.1		0.1-0.5		0.5-1.0		>1.0
		Percent of Erosion Categories		0%		0%		0%		0%		100%		0%		0%		0%	
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)						5.87								
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)						5.87								
Hydrology	Zone A			N/A			N/A			N/A			N/A						
	Q ₉₅ cfs	DA (mi ²)	0.133	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs	DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs	DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	
	Water Yield (ac-ft)			326	340	340	Water Yield (ac-ft)						Water Yield (ac-ft)						
	Flow-Related Sediment (tons/yr)			11	13	13	Flow-Related Sediment (tons/yr)						Flow-Related Sediment (tons/yr)						
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.											
			Water Yield (ac-ft)	326	340	14	340												
			Flow-Related Sediment (tons)	11	13	1	13	0											
Erosion Summary	Total Existing Water Yield (ac-ft)		340		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour						
	Total Existing Sediment Yield (tons/yr)		13		Sediment (tons/yr)		12		0		6		-5						
		Percent of Total Yield		67%		0%		33%		29%		Deposition							
Hydrologic Zones of Watershed																			

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 40

Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:	40																				
Watershed Characteristics	Drainage Area (mi ²)	0.17		High		Moderate	Low	Unburned																				
				Burn Severity (%)		1.9%	74.2%	15.1%	8.8%																			
	Drainage Density	11.01		N	NE	E	SE	S	SW	W	NW																	
	Percent of Aspect	0%	23%	49%	20%	7%	0%	0%	1%																			
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G																		
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%																		
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)					17																		
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																		
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%																		
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)				6.3																				
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)				6.3																				
Hydrology	Zone A				<i>N/A</i>				<i>N/A</i>				<i>N/A</i>				<i>N/A</i>											
	Q ₉₅ cfs	3.36	DA (mi ²)	0.168	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	367	407	407																								
	Flow-Related Sediment (tons/yr)	12	16	16																								
	Totals from all Zones	Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.																		
Water Yield (ac-ft)	367		407		40		407		0																			
Flow-Related Sediment (tons)	12		16		4		16		0																			
Erosion Summary	Total Existing Water Yield (ac-ft)		407		Banks		Roads	Surface Erosion	Streambed	Deposition or Scour																		
	Total Existing Sediment Yield (tons/yr)		16		Sediment (tons/yr)		17	0	6	-7	Deposition																	
	Percent of Total Yield		73%		0%		27%		31%																			
Hydrologic Zones of Watershed																												

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

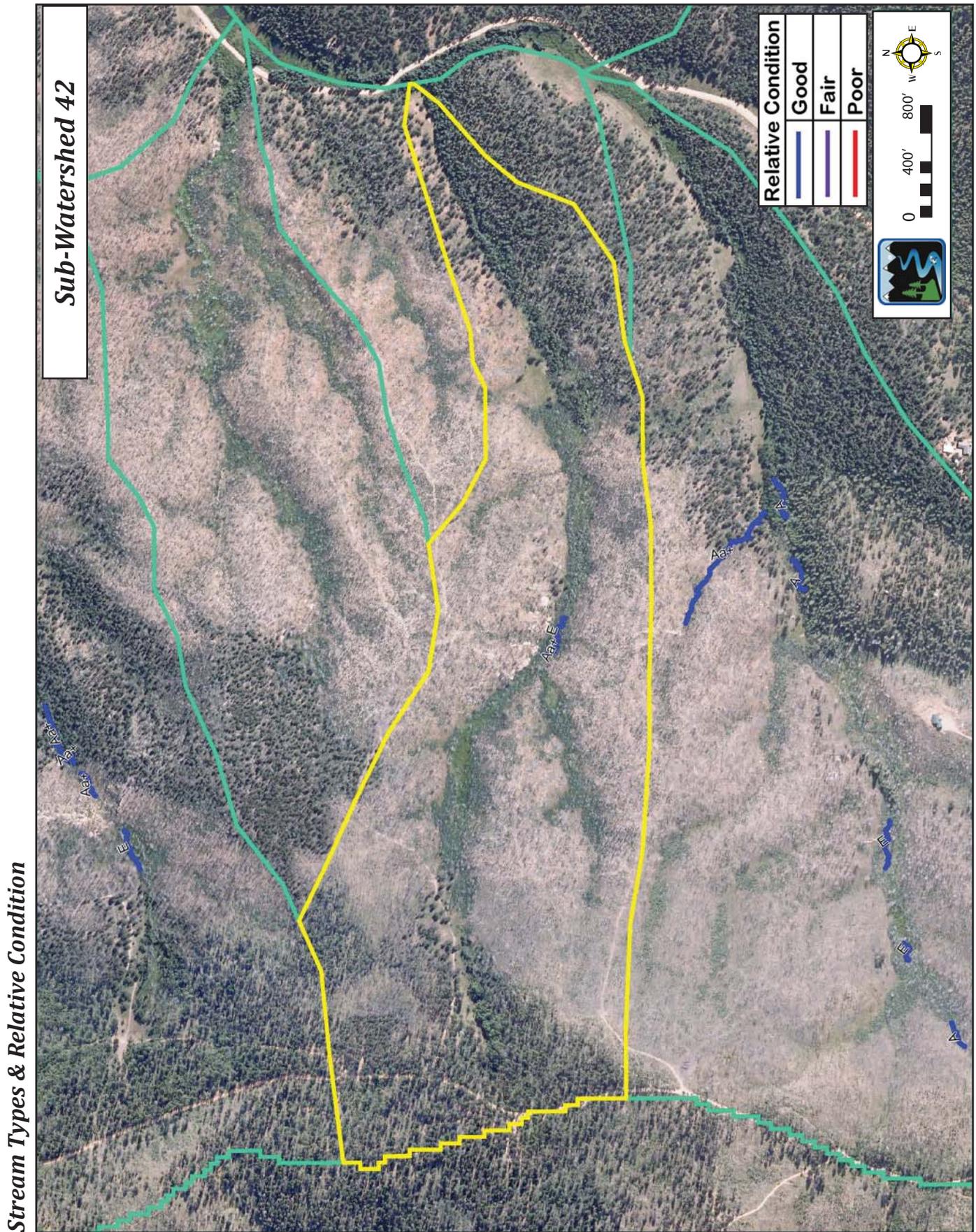
Sub-Watershed 41

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 41																		
Watershed Characteristics	Drainage Area (mi ²)	0.05		Burn Severity (%)		High	Moderate	Low	Unburned													
	Drainage Density	13.92		0.0%	51.9%	29.2%	18.9%															
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW												
			0%	3%	91%	3%	0%	0%	0%	3%												
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G											
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%											
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		7														
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0											
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%											
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		1.66																
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		1.66																
Hydrology	Zone A				N/A				N/A				N/A									
	Q ₁₀₀ cfs	1.88	DA (mi ²)	0.053	Pre-Fire	Post-Fire	Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration
	Water Yield (ac-ft)	205	214	214																		
	Flow-Related Sediment (tons/yr)	9	10	10																		
	Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.											
		Water Yield (ac-ft)		205		214		9		214												
		Flow-Related Sediment (tons)		9		10		1		10		0										
Erosion Summary	Total Existing Water Yield (ac-ft)		214		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour									
	Total Existing Sediment Yield (tons/yr)		10		Sediment (tons/yr)		7		0		2		1									
	Percent of Total Yield		81%		0%		19%		11%		Scour											
Hydrologic Zones of Watershed																						

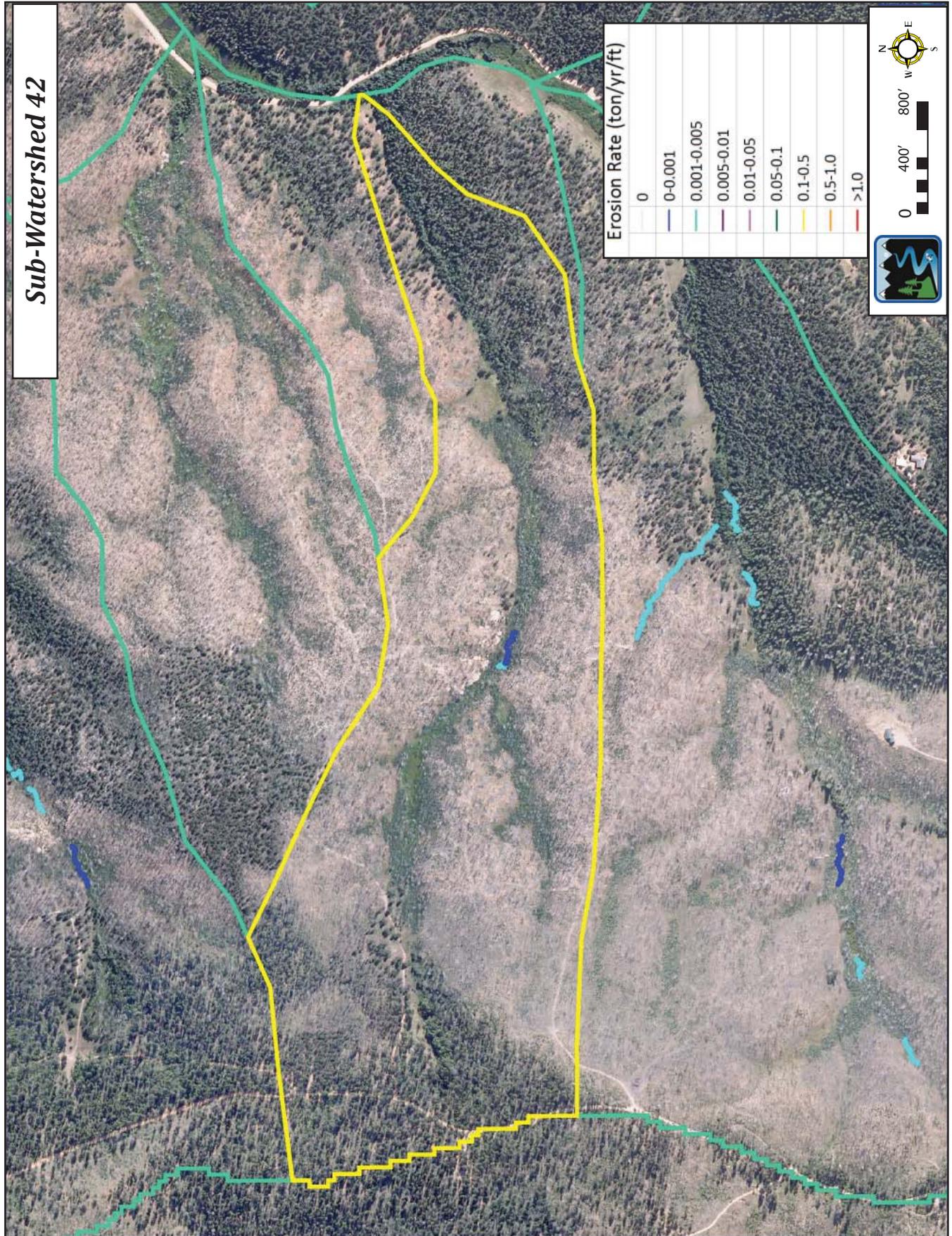
The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 42

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 42																											
Watershed Characteristics	Drainage Area (mi ²)	42.00		High	Moderate	Low	Unburned																							
	Drainage Density	8.79		Burn Severity (%)																										
	Percent of Aspect			N	NE	E	SE	S	SW	W	NW																			
	Stream Types (%)			Aa+	A	B	C	D	Da+	E	F	Fb	G																	
				Burn Severity (%)				11.2%				31.5%				26.2%				31.1%										
				7%			29%			31%			27%			5%			0%			0%			0%					
				26%			0%			0%			0%			0%			74%			0%			0%			0%		
Streambank Erosion	Percent of Stream Conditions			Good	Fair	Poor	Total Erosion (tons/yr)						14																	
	Erosion Rate (tons/yr/ft)			0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																		
	Percent of Erosion Categories			0%	74%	0%	0%	26%	0%	0%	0%	0%																		
Hillslope	Length of Road (ft)			0			Sediment from Surface Erosion (tons/yr)						5.2																	
	Total Sediment from Roads (tons/yr)			0			Total Introduced Sediment (tons/yr)						5.2																	
Hydrology	Zone A				N/A				N/A				N/A				N/A													
	Q ₁₀₀ cfs	3.88	DA (mi ²)	0.224	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration										
	Water Yield (ac-ft)	424	Pre-Fire	465	Post-Fire	465	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire									
	Flow-Related Sediment (tons/yr)	13	Pre-Fire	17	Post-Fire	17	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire									
	Totals from all Zones				Pre-Fire				Post-Fire				Total Increase				Post-Restoration				Reduction Post-Rest.									
	Water Yield (ac-ft)				424				465				41				465				0									
Flow-Related Sediment (tons)				13				17				4				17				0										
Erosion Summary	Total Existing Water Yield (ac-ft)			465			Banks			Roads			Surface Erosion			Streambed			Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)			17			Sediment (tons/yr)			14			0			5			-2											
	Percent of Total Yield			73%			0%			27%			10%			Deposition														
Hydrologic Zones of Watershed																														



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 43

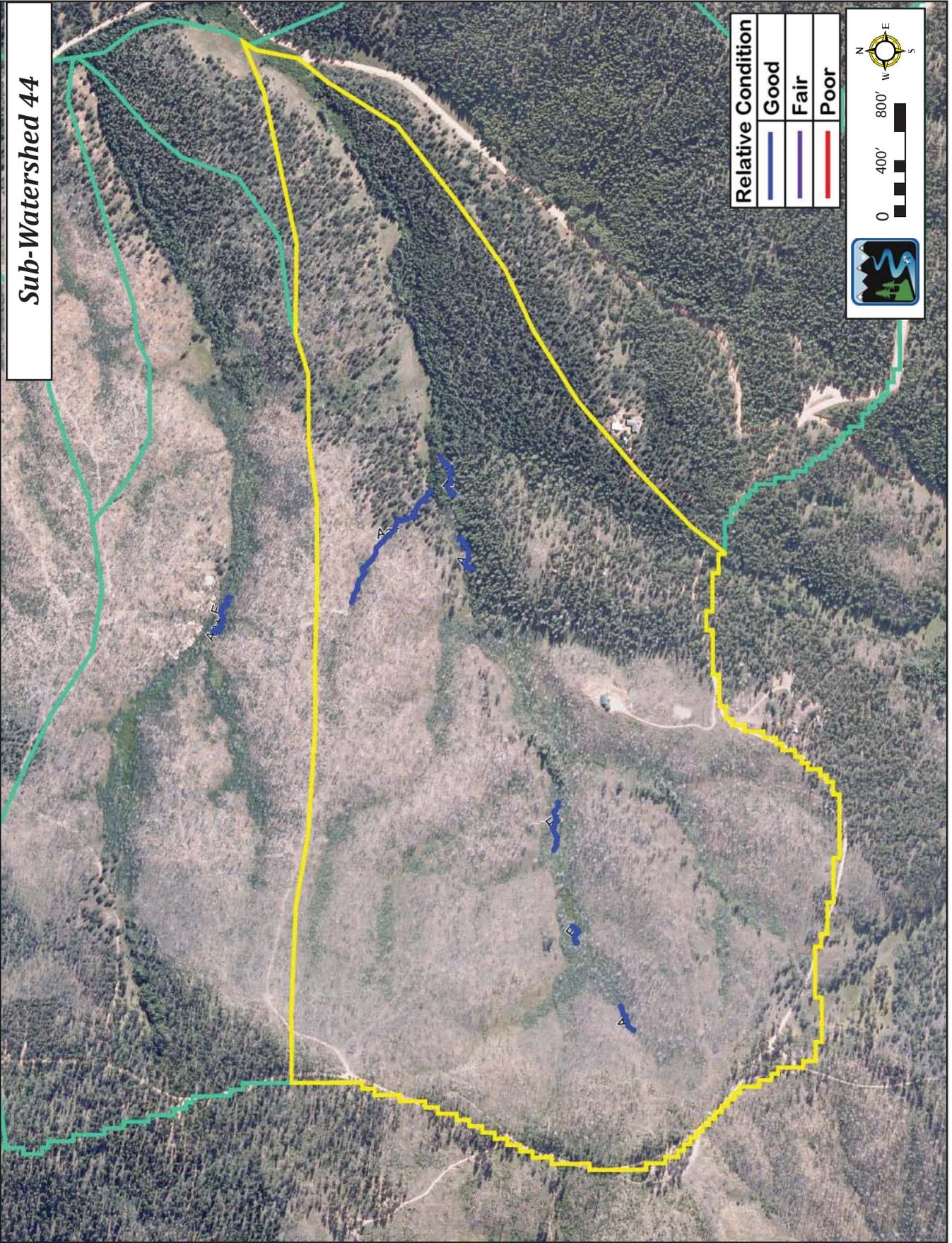
Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 43								
Watershed Characteristics	Drainage Area (mi ²)	0.20		High	Moderate	Low	Unburned					
	Drainage Density	11.11		Burn Severity (%)								
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW		
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)					19	
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0	
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%	
Hillslope	Length of Road (ft)	4,500		Sediment from Surface Erosion (tons/yr)				4.36				
	Total Sediment from Roads (tons/yr)	42.1		Total Introduced Sediment (tons/yr)				46.46				
Hydrology	Zone A			N/A			N/A			N/A		
	Q ₁₀₀ cfs	3.62	0.195	Post-Restoration	Q ₁₀₀ cfs			Post-Restoration	Q ₁₀₀ cfs			Post-Restoration
	Water Yield (ac-ft)	395	395	395	Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	13	13	13	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.				
			Water Yield (ac-ft)	395	395	0	395					
			Flow-Related Sediment (tons)	13	13	0	13	0				
Erosion Summary	Total Existing Water Yield (ac-ft)		395		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour			
	Total Existing Sediment Yield (tons/yr)		13		Sediment (tons/yr)	19	42	4	-53	Deposition		
				Percent of Total Yield	29%	64%	7%	80%				
Hydrologic Zones of Watershed												

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

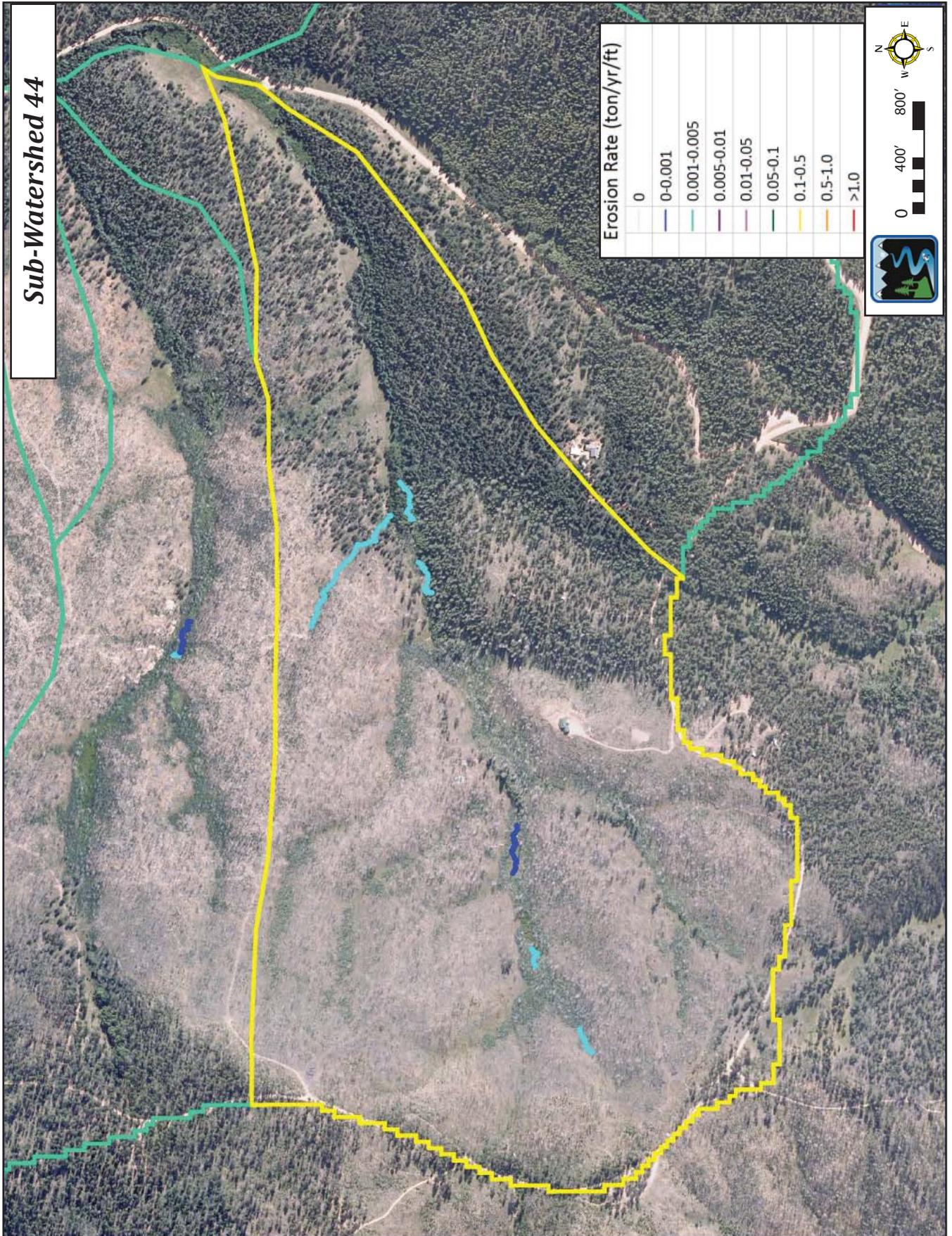
Sub-Watershed 44

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 44											
Watershed Characteristics	Drainage Area (mi ²)	0.37		High		Moderate		Low		Unburned				
	Drainage Density	8.88		1.4%		51.9%		27.7%		19.1%				
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW				
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G		
		23%	22%	19%	32%	3%	0%	1%	1%					
		40%	34%	0%	0%	0%	26%	0%	0%	0%	0%			
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor									
			100%	0%	0%	Total Erosion (tons/yr)		29						
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0			
Percent of Erosion Categories		0%	14%	67%	4%	15%	0%	0%	0%	0%				
Hillslope	Length of Road (ft)		5,000		Sediment from Surface Erosion (tons/yr)				11.3					
	Total Sediment from Roads (tons/yr)		8.4		Total Introduced Sediment (tons/yr)				19.7					
Hydrology	Zone A			N/A			N/A			N/A				
	Q ₁₀ cfs	5.01	DA (mi ²)	0.373	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration		
	Water Yield (ac-ft)	548	621	621	Water Yield (ac-ft)	Water Yield (ac-ft)	Water Yield (ac-ft)	Water Yield (ac-ft)	Water Yield (ac-ft)	Water Yield (ac-ft)	Water Yield (ac-ft)	Water Yield (ac-ft)		
	Flow-Related Sediment (tons/yr)	16	22	22	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)	Flow-Related Sediment (tons/yr)		
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.						
				Water Yield (ac-ft)	548	621	73	621						
			Flow-Related Sediment (tons)	16	22	7	22	0						
Erosion Summary	Total Existing Water Yield (ac-ft)		621		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour	
	Total Existing Sediment Yield (tons/yr)		22		Sediment (tons/yr)		29		8		11		-26	
	Percent of Total Yield		60%		60%		17%		23%		54%		Deposition	
Hydrologic Zones of Watershed														

Stream Types & Relative Condition



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 45

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 45																	
Watershed Characteristics	Drainage Area (mi ²)	0.55		High	Moderate	Low	Unburned														
	Drainage Density	11		Burn Severity (%)																	
	Percent of Aspect			N	NE	E	SE	S	SW	W	NW										
	Stream Types (%)			Aa+	A	B	C	D	Da+	E	F	Fb	G								
Streambank Erosion	Percent of Stream Conditions			Good	Fair	Poor	Total Erosion (tons/yr)					54									
	Erosion Rate (tons/yr/ft)			0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0									
	Percent of Erosion Categories			0%	0%	0%	0%	0%	100%	0%	0%	0%									
Hill slope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)				12.06													
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)				12.06													
Hydrology	Zone A			N/A			N/A			N/A			N/A								
	Q ₁₀₀ cfs	6.09	DA (mi ²)	0.551	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	
	Water Yield (ac-ft)	666	Pre-Fire	666	Post-Fire	666	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire
	Flow-Related Sediment (tons/yr)	18	Pre-Fire	18	Post-Fire	18	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire		Pre-Fire		Post-Fire
	Totals from all Zones			Pre-Fire			Post-Fire			Total Increase			Post-Restoration			Reduction Post-Rest.					
Water Yield (ac-ft)			666			666			0			666			0						
Flow-Related Sediment (tons)			18			18			0			18			0						
Erosion Summary	Total Existing Water Yield (ac-ft)		666		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour								
	Total Existing Sediment Yield (tons/yr)		18		Sediment (tons/yr)		54		0		12		-48								
	Percent of Total Yield		82%		0%		18%		73%		Deposition										
Hydrologic Zones of Watershed																					

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 46

Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:	46												
Watershed Characteristics	Drainage Area (mi ²)	0.34		Burn Severity (%)		High	Moderate	Low	Unburned											
	Drainage Density	10.75		0.0%	0.0%	1.0%	99.0%													
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW										
			21%	18%	9%	1%	0%	0%	25%	27%										
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G									
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%									
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)					33									
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0									
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%									
Hillslope	Length of Road (ft)	3,750		Sediment from Surface Erosion (tons/yr)		7.43														
	Total Sediment from Roads (tons/yr)	0.91		Total Introduced Sediment (tons/yr)		8.34														
Hydrology	Zone A				N/A				N/A				N/A				N/A			
	Q ₉₅ cfs	4.80	DA (mi ²)	0.343	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Post-Restoration			
	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration		
	Water Yield (ac-ft)	525	525	525	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	15	15	15	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.													
		525		525	0	525	0													
		15		15	0	15	0													
Erosion Summary	Total Existing Water Yield (ac-ft)		525		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour											
	Total Existing Sediment Yield (tons/yr)		15		Sediment (tons/yr)	33	1	7	-26	Deposition										
					Percent of Total Yield	80%	2%	18%	63%											
Hydrologic Zones of Watershed																				

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 47

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 47																
Watershed Characteristics	Drainage Area (mi ²)	0.36		High	Moderate	Low	Unburned													
	Drainage Density	12.51		Burn Severity (%)																
				30.0%	13.5%	32.8%	53.4%													
	Percent of Aspect			N	NE	E	SE	S	SW	W	NW									
				19%	6%	2%	0%	0%	0%	44%	29%									
Stream Types (%)			Aa+	A	B	C	D	Da+	E	F	Fb	G								
			50%	50%	0%	0%	0%	0%	0%	0%	0%	0%								
Streambank Erosion	Percent of Stream Conditions			Good	Fair	Poor	Total Erosion (tons/yr)			35										
	Erosion Rate (tons/yr/ft)			0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0								
	Percent of Erosion Categories			0%	0%	0%	0%	0%	100%	0%	0%	0%								
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)			13.08												
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)			13.08												
Hydrology	Zone A				N/A				N/A				N/A				N/A			
	Q ₁₀₀ cfs	DA (mi ²)	0.291	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Post-Restoration				
	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration		
	Water Yield (ac-ft)	483	518	518	Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)			Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	14	18	18	Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.										
		483		518		35		518		0										
		14		18		3		18		0										
Erosion Summary	Total Existing Water Yield (ac-ft)		518		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		18		35		0		13		-31		Deposition							
		Percent of Total Yield		73%		0%		27%		64%										
Hydrologic Zones of Watershed																				

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 48

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 48												
Watershed Characteristics	Drainage Area (mi ²)	0.07		High	Moderate	Low	Unburned									
	Drainage Density	11.01		Burn Severity (%)												
				0.0%	0.0%	16.3%	83.7%									
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
	37%	0%	0%	6%	0%	0%	0%	57%								
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G						
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%						
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)					6						
		100%	0%	0%												
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%							
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		1.5										
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		1.5										
Hydrology	Zone A				N/A				N/A				N/A			
	Q ₉₅ cfs	2.09	0.065	Post-Restoration	Q ₉₅ cfs			Post-Restoration	Q ₉₅ cfs			Post-Restoration	Q ₉₅ cfs			Post-Restoration
	DA (mi ²)			Pre-Fire	DA (mi ²)			Pre-Fire	DA (mi ²)			Pre-Fire	DA (mi ²)			Pre-Fire
	Water Yield (ac-ft)	228	229	229	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	9	9	9	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.									
		Water Yield (ac-ft)		228	229	2	229									
		Flow-Related Sediment (tons)		9	9	0	9									
Erosion Summary	Total Existing Water Yield (ac-ft)		229		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		9		Sediment (tons/yr)	6	0	2	2	Scour						
Percent of Total Yield		80%		0%	20%	20%										
Hydrologic Zones of Watershed																

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 49

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 49																		
Watershed Characteristics	Drainage Area (mi ²)	0.12		High	Moderate	Low	Unburned															
	Drainage Density	13.21		Burn Severity (%)	0.0%	0.0%	2.9%	97.1%														
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW													
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G											
		29%	0%	2%	1%	0%	0%	11%	57%													
		50%	0%	0%	0%	0%	0%	0%	0%	0%	0%											
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)				14													
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0												
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%												
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)				3.46														
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)				3.46														
Hydrology	Zone A				N/A				N/A				N/A									
	Q ₉₅ cfs	2.83	DA (mi ²)	0.120	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	309	332	332	Water Yield (ac-ft)																	
	Flow-Related Sediment (tons/yr)	11	13	13	Flow-Related Sediment (tons/yr)																	
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.													
	Water Yield (ac-ft)				309	332	23	332														
Flow-Related Sediment (tons)				11	13	2	13	0														
Erosion Summary	Total Existing Water Yield (ac-ft)		332		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour													
	Total Existing Sediment Yield (tons/yr)		13		Sediment (tons/yr)	14	0	3	-4	Deposition												
	Percent of Total Yield		80%		0%	20%	23%															
Hydrologic Zones of Watershed																						

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 51

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 51																
Watershed Characteristics	Drainage Area (mi ²)	0.92		High	Moderate	Low	Unburned													
	Drainage Density	7.29		Burn Severity (%)																
			0.0%	1.6%	32.0%	66.4%														
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW										
		19%	15%	9%	4%	6%	5%	17%	25%											
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G									
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%									
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		55												
			100%	0%	0%															
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0									
Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%										
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		16.3														
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		16.3														
Hydrology	Zone A			Zone B			N/A			N/A			N/A							
	Q ₁₀₀ cfs	6.65	DA (mi ²)	0.655	Post-Restoration	Q ₁₀₀ cfs	1.49	DA (mi ²)	0.033	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Post-Restoration
	Pre-Fire	726	Post-Fire	818	818	Pre-Fire	162	Post-Fire	171	171	Pre-Fire		Post-Fire		Post-Restoration	Pre-Fire		Post-Fire		Post-Restoration
	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)				
	Flow-Related Sediment (tons/yr)	19	27	27	27	Flow-Related Sediment (tons/yr)	8	9	9	9	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)				
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.										
		888		989		100		989		0										
		27		35		9		35		0										
		Flow-Related Sediment (tons)		Flow-Related Sediment (tons)		Flow-Related Sediment (tons)		Flow-Related Sediment (tons)		Flow-Related Sediment (tons)										
Erosion Summary	Total Existing Water Yield (ac-ft)		989		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		35		Sediment (tons/yr)		55		0		16		-36							
			Percent of Total Yield		77%		0%		23%		51%		Deposition							
Hydrologic Zones of Watershed																				

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 52

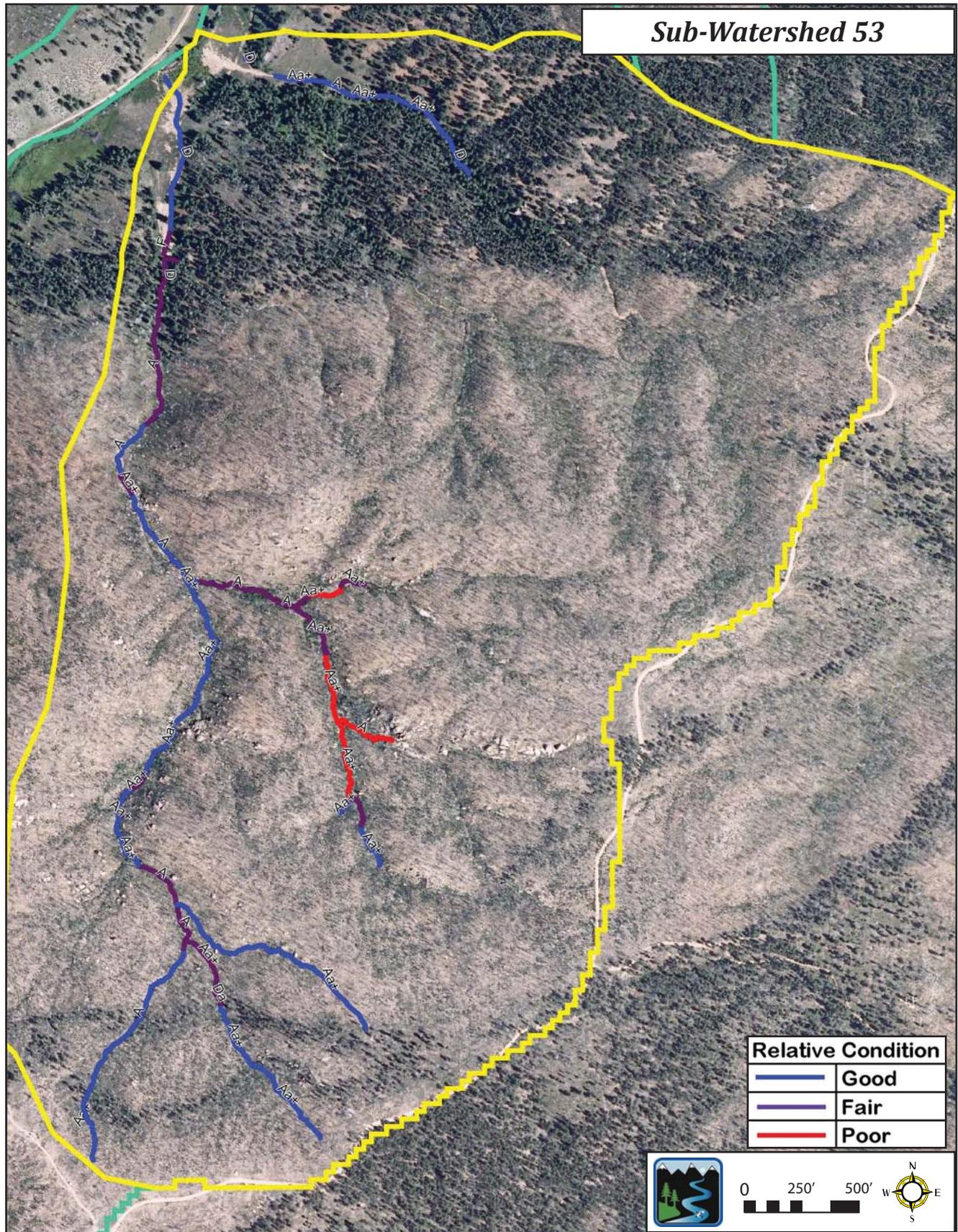
Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 52																
Watershed Characteristics	Drainage Area (mi ²)	0.27		High	Moderate	Low	Unburned													
	Drainage Density	4.5		Burn Severity (%)																
				0.0%	21.0%	29.4%	49.6%													
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW											
		47%	15%	4%	1%	0%	0%	0%	32%											
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G										
		50%	50%	0%	0%	0%	0%	0%	0%	0%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)															
		100%	0%	0%	11															
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0										
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%											
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		4.3														
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		4.3														
Hydrology	Zone A				N/A				N/A				N/A				N/A			
	Q _{ave} cfs	4.22	DA (mi ²)	0.265	Post-Restoration	Q _{ave} cfs	DA (mi ²)	Post-Restoration	Q _{ave} cfs	DA (mi ²)	Post-Restoration	Q _{ave} cfs	DA (mi ²)	Post-Restoration	Q _{ave} cfs	DA (mi ²)	Post-Restoration			
	Pre-Fire	461	Post-Fire	519	Post-Restoration	519	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration		
	Water Yield (ac-ft)	461	519	519	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	14	19	19	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		
		461		519		58		519		0		14		19		5		19		
		14		19		5		19		0		14		19		5		19		
Erosion Summary	Total Existing Water Yield (ac-ft)		519		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		19		Sediment (tons/yr)		11		0		4		4							
		Percent of Total Yield		72%		0%		28%		21%		Scour								
Hydrologic Zones of Watershed																				

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

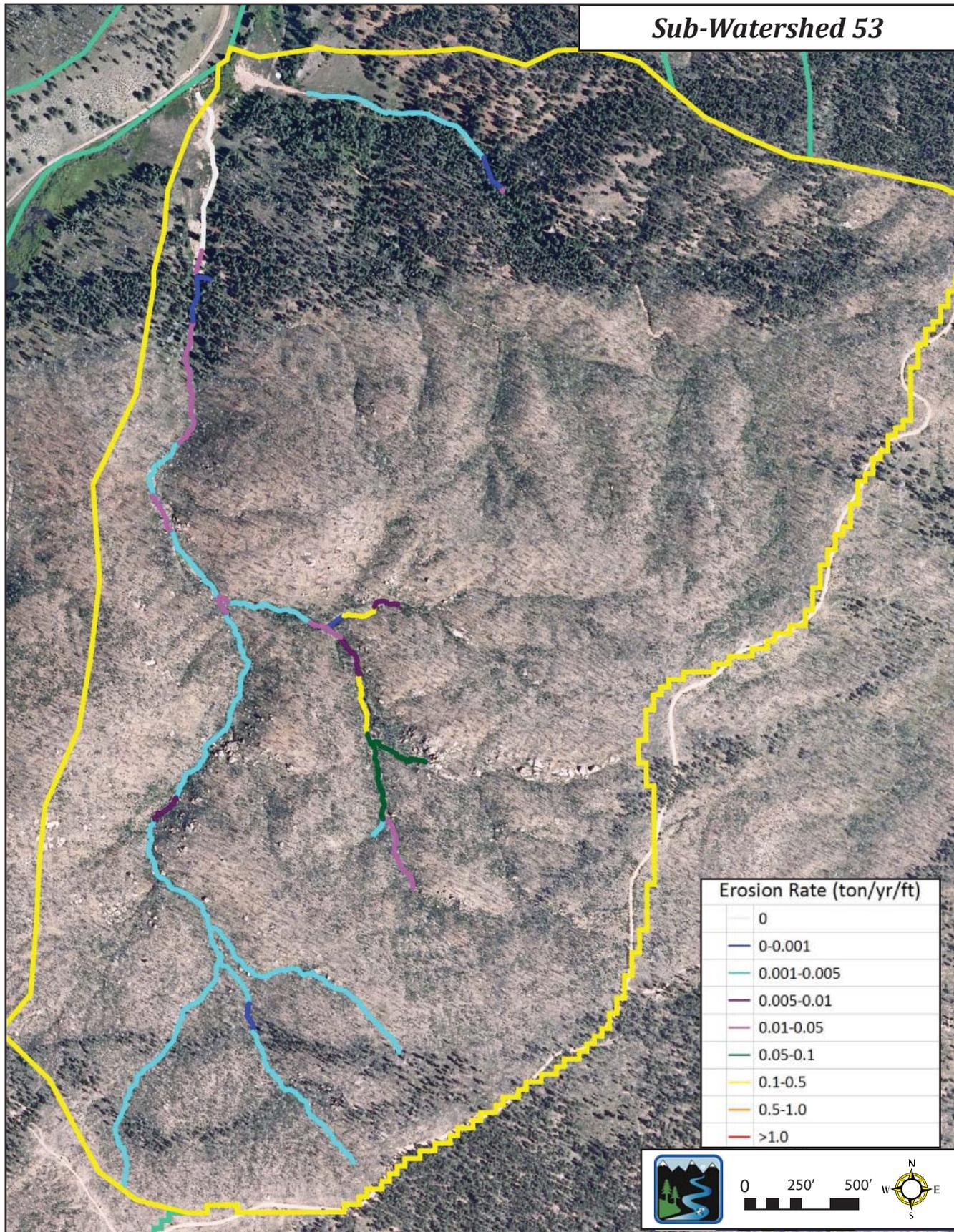
Sub-Watershed 53

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 53																										
Watershed Characteristics	Drainage Area (mi ²)	0.48																											
	Drainage Density	10.33																											
	Burn Severity (%)	High	Moderate	Low	Unburned																								
		0.0%	60.4%	14.6%	25.0%																								
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW																				
		27%	8%	1%	1%	1%	5%	19%	39%																				
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G																		
		58%	29%	0%	0%	11%	1%	0%	1%	0%	0%																		
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)		261																						
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																			
	Percent of Erosion Categories	1%	14%	38%	18%	26%	0%	1%	0%	0%																			
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	46.6																								
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)	46.60																								
Hydrology	Zone A			N/A			N/A			N/A			N/A																
	Q ₁₀₀ cfs	5.70	DA (mi ²)	0.482	Pre-Fire	Post-Fire	Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Restoration	
	Water Yield (ac-ft)	623	732	732				Water Yield (ac-ft)							Water Yield (ac-ft)							Water Yield (ac-ft)							
	Flow-Related Sediment (tons/yr)	17	239	146				Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)							
	Totals from all Zones			Pre-Fire			Post-Fire			Total Increase			Post-Restoration			Reduction Post-Rest.													
	Water Yield (ac-ft)			623			732			110			732			-93													
Flow-Related Sediment (tons)			17			239			222			146			-93														
Erosion Summary	Total Existing Water Yield (ac-ft)	732		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour																					
	Total Existing Sediment Yield (tons/yr)	239		Sediment (tons/yr)	261	0	47	-69																					
				Percent of Total Yield	85%	0%	15%	22%	Deposition																				
Hydrologic Zones of Watershed																													

Stream Types & Relative Condition



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 54

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 54																
Watershed Characteristics	Drainage Area (mi ²)	0.03		Burn Severity (%)																
	Drainage Density	9.33		High	Moderate															
			Low	Unburned																
			0.0%	8.7%	91.3%	0.0%														
Percent of Aspect		N	NE	E	SE	S	SW	W	NW											
		4%	0%	3%	0%	0%	0%	69%	23%											
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G									
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%									
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		3												
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0									
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%									
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		1.69														
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		1.69														
Hydrology	Zone A				N/A				N/A				N/A							
	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration	Q ₉₅ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Restoration
	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)				
	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)				
	Totals from all Zones		Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.													
Water Yield (ac-ft)		N/A	N/A	N/A	N/A															
Flow-Related Sediment (tons)		N/A	N/A	N/A	N/A															
Erosion Summary	Total Existing Water Yield (ac-ft)		N/A		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		N/A		3		0		2		N/A		N/A							
	Percent of Total Yield		64%		0%		36%		N/A		N/A		N/A							
Hydrologic Zones of Watershed																				

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 55

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 55												
Watershed Characteristics	Drainage Area (mi ²)	0.06		High		Moderate		Low		Unburned						
	Drainage Density	9.27		Burn Severity (%)		0.0%		0.0%		33.0%		67.0%				
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW							
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G					
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)							5				
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0						
	Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%						
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		2.5										
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		2.50										
Hydrology	Zone A				N/A				N/A				N/A			
	Q ₉₅ cfs	1.99	DA (mi ²)	0.059	Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)	
	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	Pre-Fire	Post-Fire	Post-Restoration	
	Water Yield (ac-ft)	217	219	219	Water Yield (ac-ft)				Water Yield (ac-ft)				Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	9	9	9	Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			
Totals from all Zones		Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.										
		Water Yield (ac-ft)	217	219	2	219										
		Flow-Related Sediment (tons)	9	9	0	9	0									
Erosion Summary	Total Existing Water Yield (ac-ft)		219		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		9		Sediment (tons/yr)	5	0	3	2	Scour						
					Percent of Total Yield	67%	0%	33%	18%							
Hydrologic Zones of Watershed																

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 56

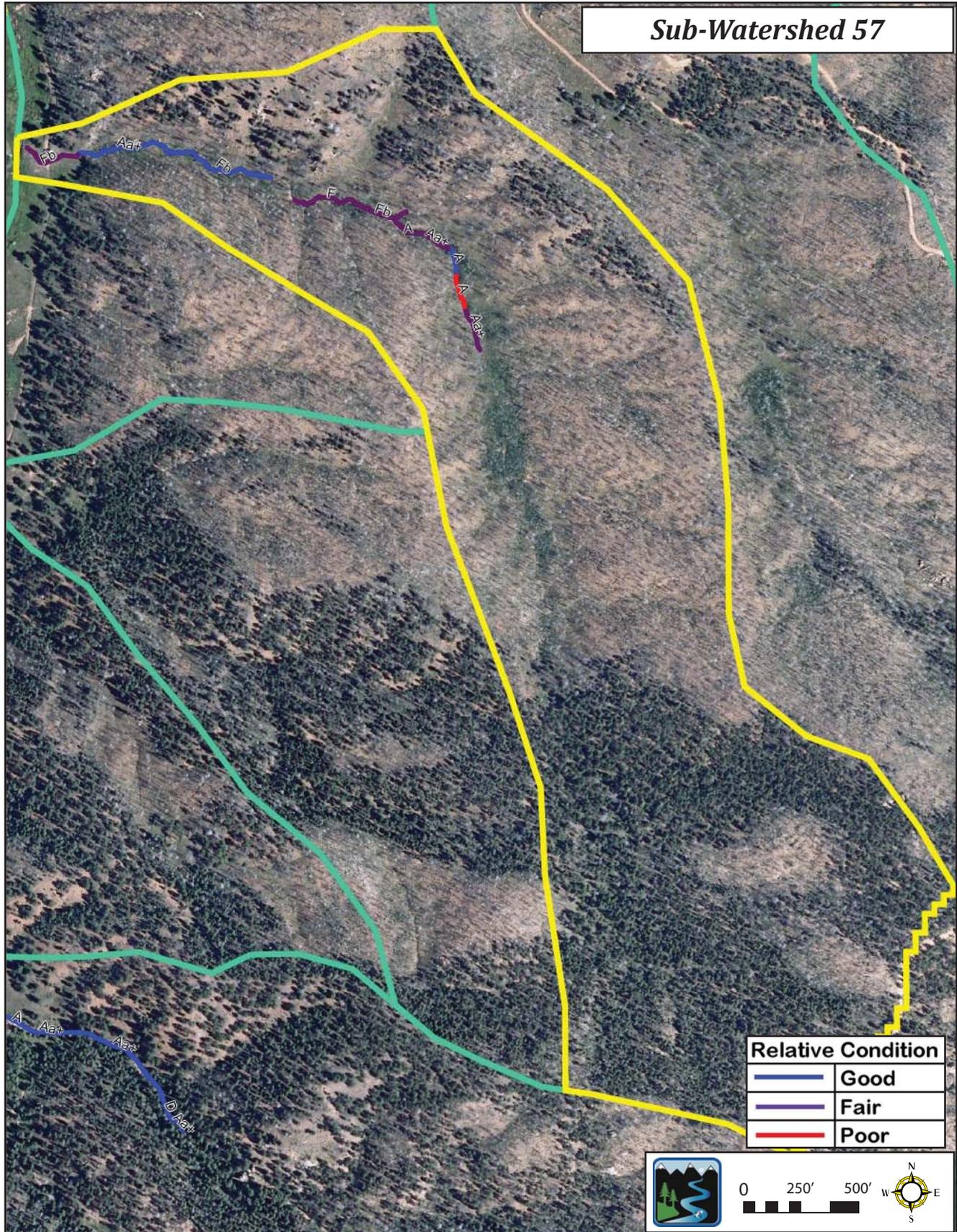
Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 56											
Watershed Characteristics	Drainage Area (mi ²)	0.16		High	Moderate	Low	Unburned								
	Drainage Density	11.99		Burn Severity (%)											
			0.0%	0.0%	52.5%	47.5%									
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW					
		6%	0%	1%	0%	0%	0%	39%	55%						
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G				
		50%	50%	0%	0%	0%	0%	0%	0%	0%	0%				
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		9							
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0				
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%				
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		2.96									
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		2.96									
Hydrology	Zone A			N/A			N/A			N/A			N/A		
	Q ₉₅ cfs	2.37	DA (mi ²)	0.084	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration
	Water Yield (ac-ft)	259	265	265	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)
	Flow-Related Sediment (tons/yr)	10	11	11	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.							
Water Yield (ac-ft)			259	265	6	265									
Flow-Related Sediment (tons)			10	11	1	11	0								
Erosion Summary	Total Existing Water Yield (ac-ft)		265		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour						
	Total Existing Sediment Yield (tons/yr)		11		Sediment (tons/yr)	9	0	3	-1	Deposition					
	Percent of Total Yield		75%		0%	25%	12%								
Hydrologic Zones of Watershed															

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

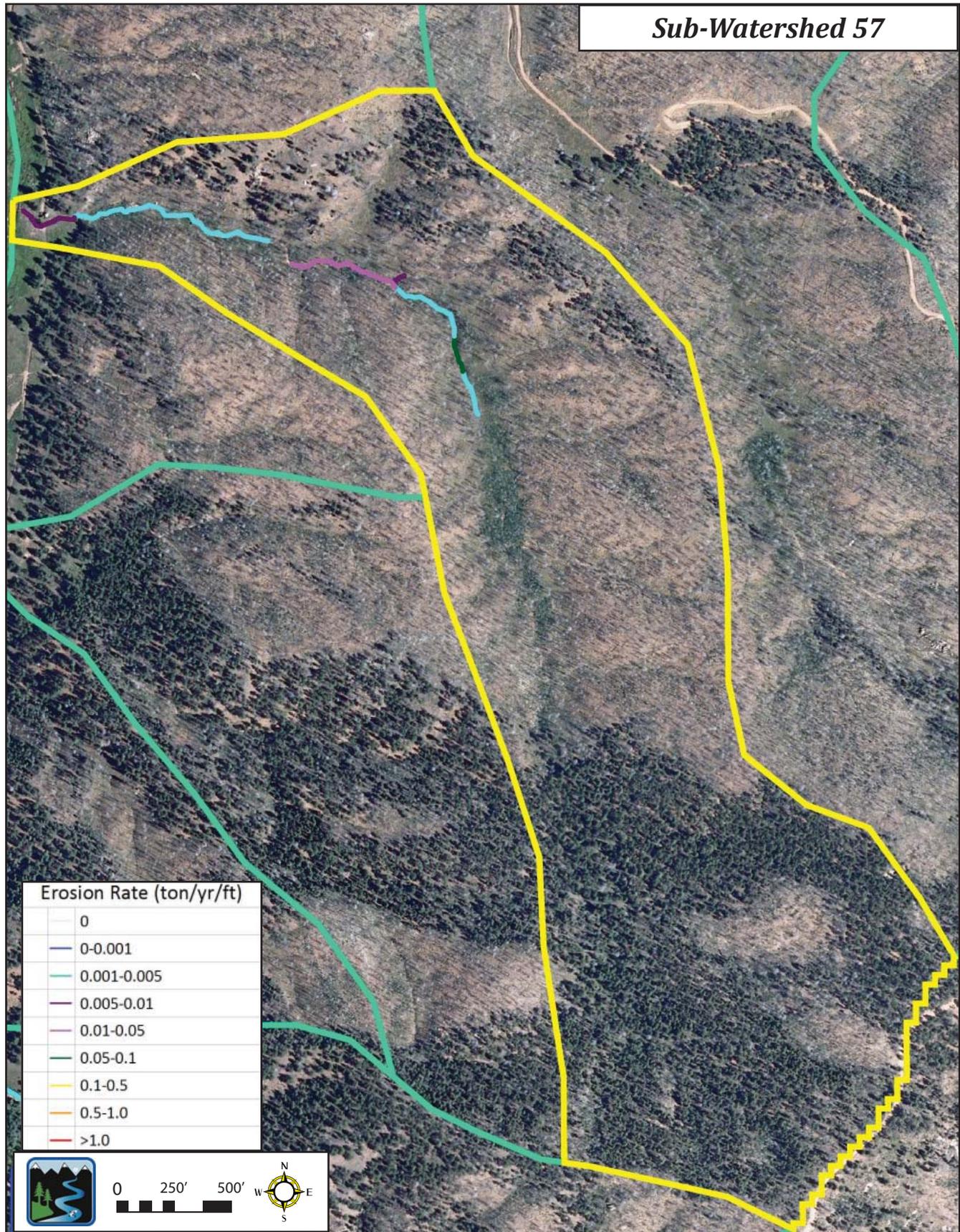
Sub-Watershed 57

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 57																	
Watershed Characteristics	Drainage Area (mi ²)	0.16																		
	Drainage Density	12.8																		
	Burn Severity (%)	High	Moderate	Low	Unburned															
		4.2%	26.4%	27.4%	42.0%															
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW											
	20%	0%	0%	1%	0%	11%	33%	36%												
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G										
	35%	16%	0%	0%	0%	0%	0%	14%	35%	0%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)		40													
		42%	52%	6%																
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0										
Percent of Erosion Categories	0%	0%	23%	57%	19%	0%	0%	0%	0%											
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		10.3														
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		10.3														
Hydrology	Zone A				N/A				N/A				N/A							
	Q ₉₅ cfs	3.63	DA (mi ²)	0.196	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration
	Water Yield (ac-ft)	396	453	453	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)
	Flow-Related Sediment (tons/yr)	13	255	78	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.											
					Water Yield (ac-ft)	396	453	57	453											
				Flow-Related Sediment (tons)	13	255	242	78	-178											
Erosion Summary	Total Existing Water Yield (ac-ft)		453		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour							
	Total Existing Sediment Yield (tons/yr)		255		Sediment (tons/yr)		40		0		10		205							
					Percent of Total Yield		80%		0%		20%		80%							
Hydrologic Zones of Watershed																				

Stream Types & Relative Condition



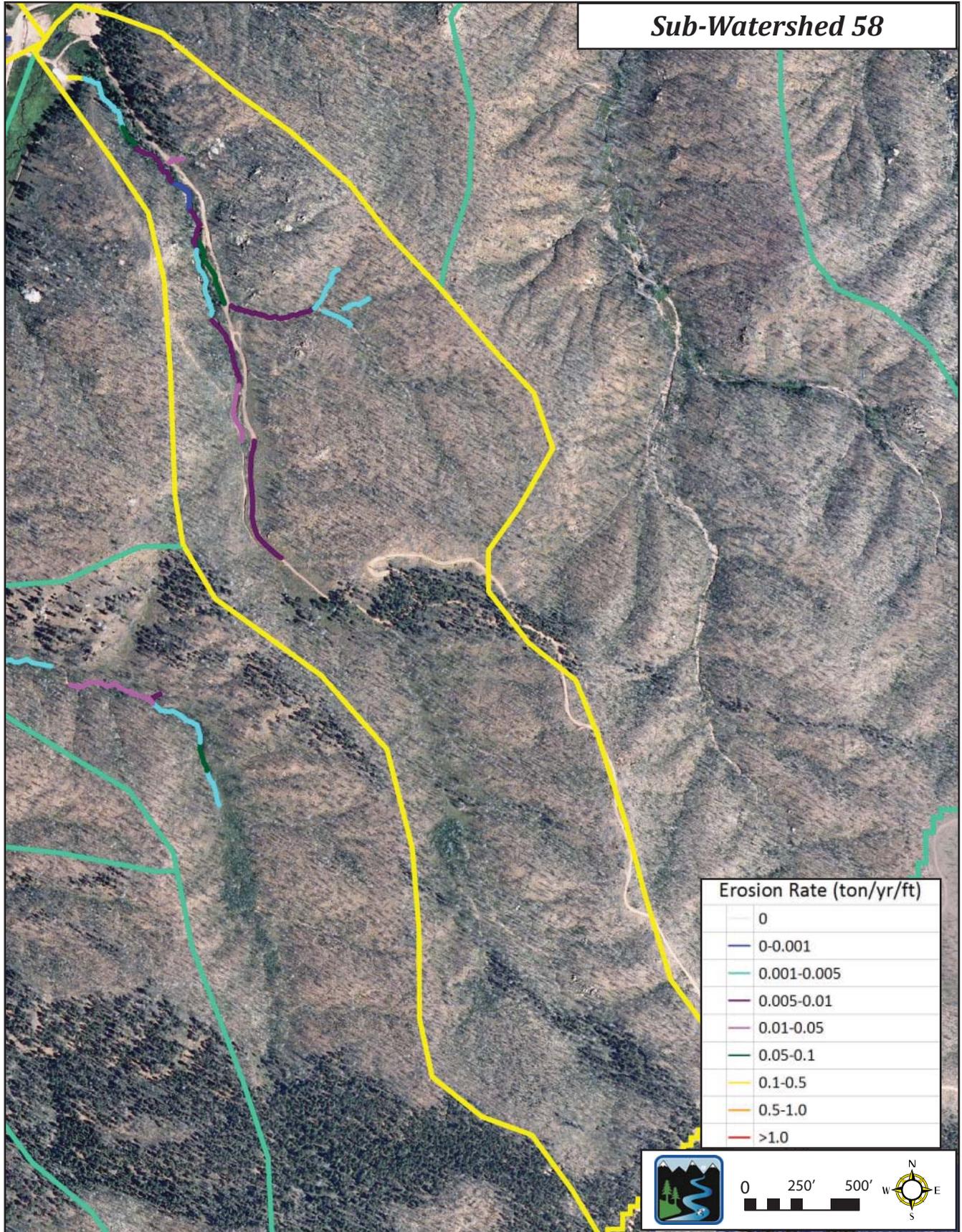
Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 58

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 58																			
Watershed Characteristics	Drainage Area (mi ²)	0.53																				
	Drainage Density	11.03																				
	Burn Severity (%)	High	Moderate	Low	Unburned																	
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW													
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G												
		44%		47%	0%	0%	0%	8%	0%	0%	2%	0%										
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)				105													
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0												
	Percent of Erosion Categories	0%	8%	24%	35%	24%	8%	0%	2%	0%												
Hillslope	Length of Road (ft)	4,500		Sediment from Surface Erosion (tons/yr)				21.27														
	Total Sediment from Roads (tons/yr)	10.1		Total Introduced Sediment (tons/yr)				31.37														
Hydrology	Zone A				N/A				N/A				N/A									
	Q ₁₀₀ cfs	3.63	DA (mi ²)	0.196	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs	DA (mi ²)	Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	396	453	453																		
	Flow-Related Sediment (tons/yr)	13	255	78																		
	Totals from all Zones				Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.													
	Water Yield (ac-ft)				396	453	57	453														
Flow-Related Sediment (tons)				13	255	242	78															
Erosion Summary	Total Existing Water Yield (ac-ft)		453		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour													
	Total Existing Sediment Yield (tons/yr)		255		Sediment (tons/yr)	105	10	21	119	Scour												
	Percent of Total Yield		77%		7%	16%	47%															
Hydrologic Zones of Watershed																						

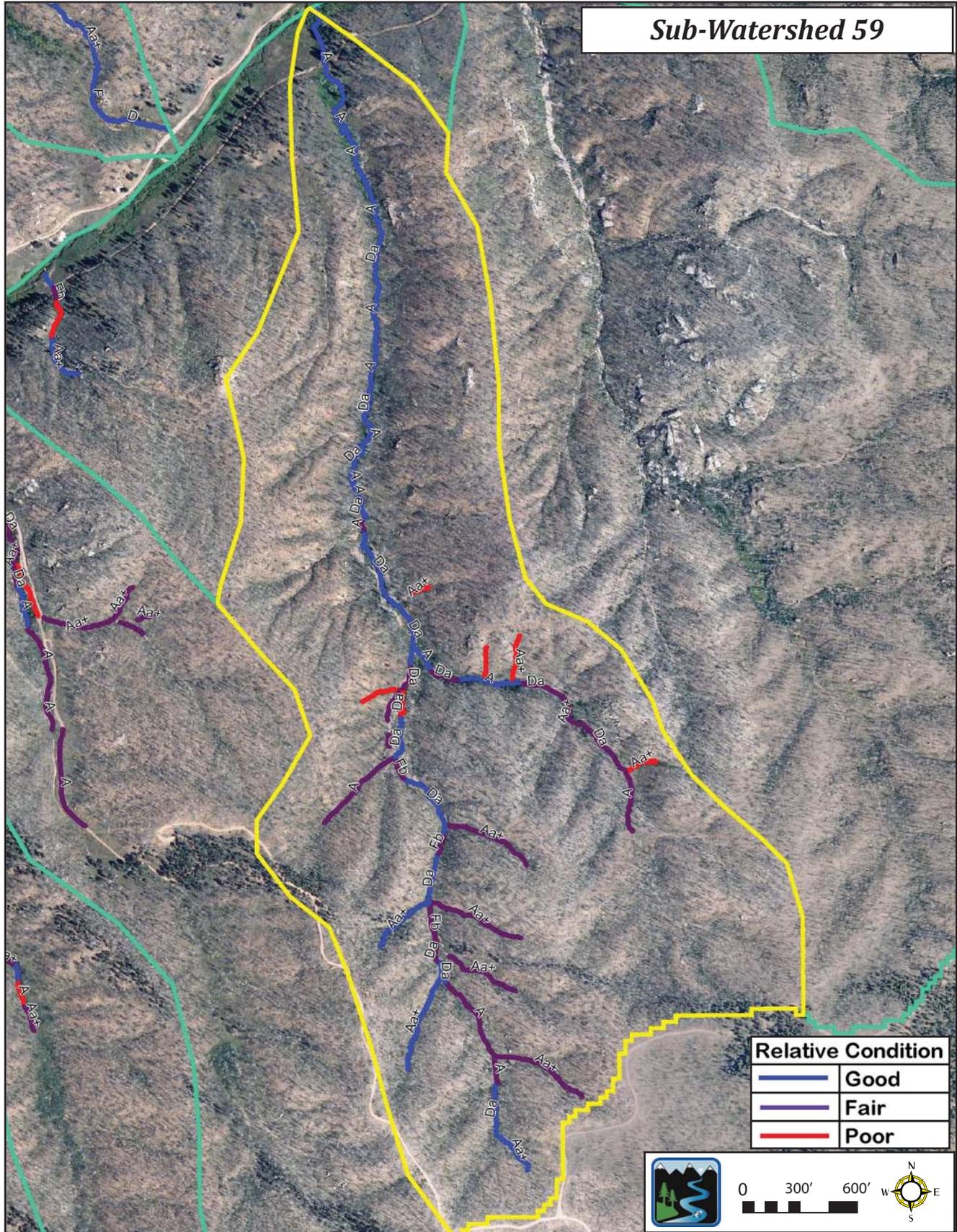
Streambank Erosion Rates (tons/yr/ft)



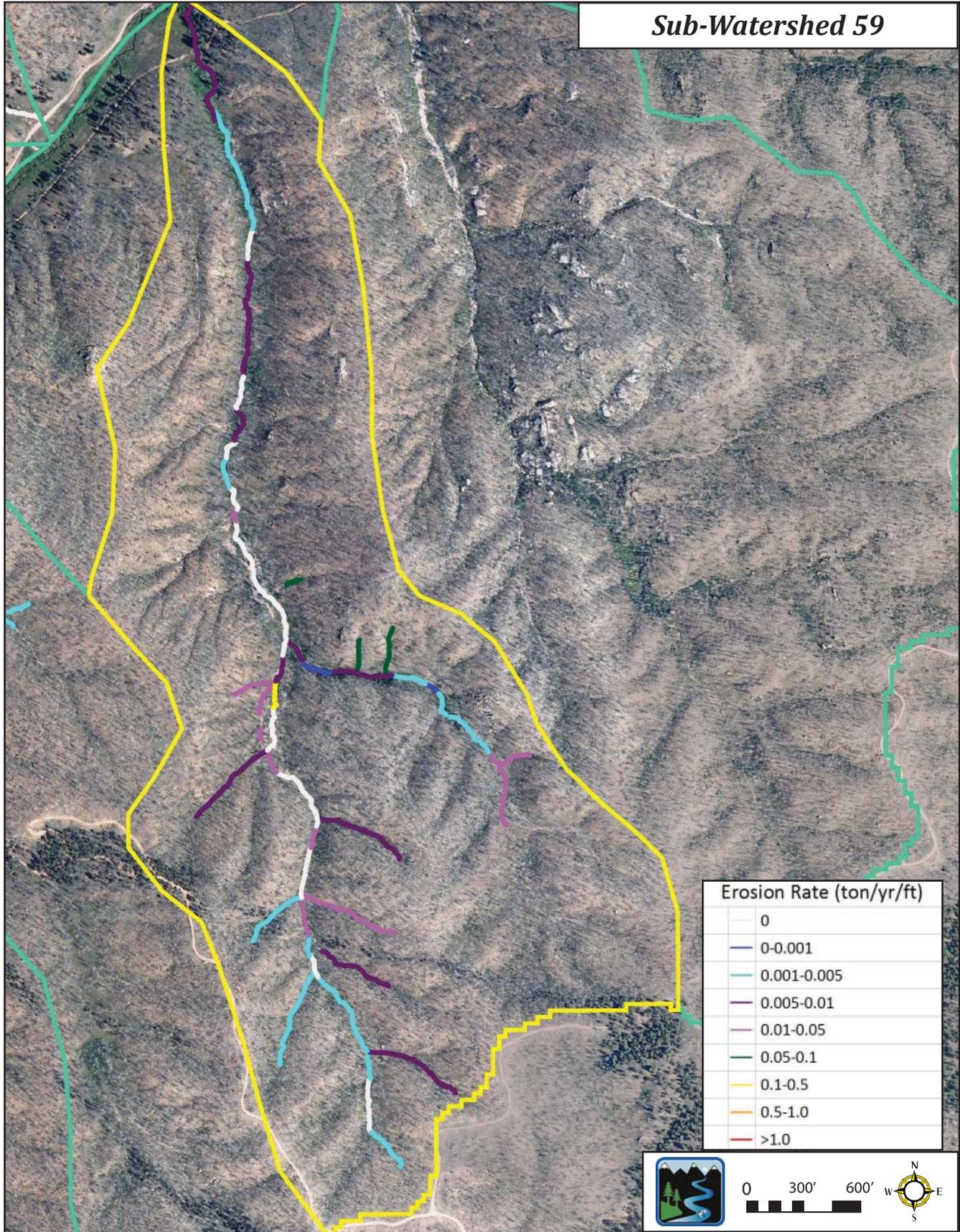
Sub-Watershed 59

Watershed Summary		Stream: Trail Creek Watershed	Sub-Watershed: 59									
Watershed Characteristics	Drainage Area (mi ²)	0.75		High	Moderate	Low	Unburned					
	Drainage Density	11.05		Burn Severity (%)								
				9.1%	77.1%	12.0%	1.8%					
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW			
		25%	18%	3%	1%	0%	0%	18%	35%			
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G		
	35%	33%	0%	0%	0%	28%	0%	0%	4%	0%		
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)					218		
		50%	38%	11%								
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0		
Percent of Erosion Categories	14%	12%	26%	23%	20%	2%	2%	0%	0%			
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)					74.6			
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)					74.6			
Hydrology	Zone A			Zone B			N/A			N/A		
	Q ₉₅ cfs	4.71	0.329	2.44	0.089							
	DA (mi ²)											
	Pre-Fire											
	Post-Fire											
	Restoration											
	Water Yield (ac-ft)	514	611	611	266	292	292					
	Flow-Related Sediment (tons/yr)	15	401	118	10	135	43					
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.				
	Water Yield (ac-ft)			780	903	123	903					
Flow-Related Sediment (tons)			25	536	511	162	-374					
Erosion Summary	Total Existing Water Yield (ac-ft)	903		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour				
	Total Existing Sediment Yield (tons/yr)	536		Sediment (tons/yr)	218	0	75	243	Scour			
				Percent of Total Yield	75%	0%	25%	45%				
Hydrologic Zones of Watershed												

Stream Types & Relative Condition



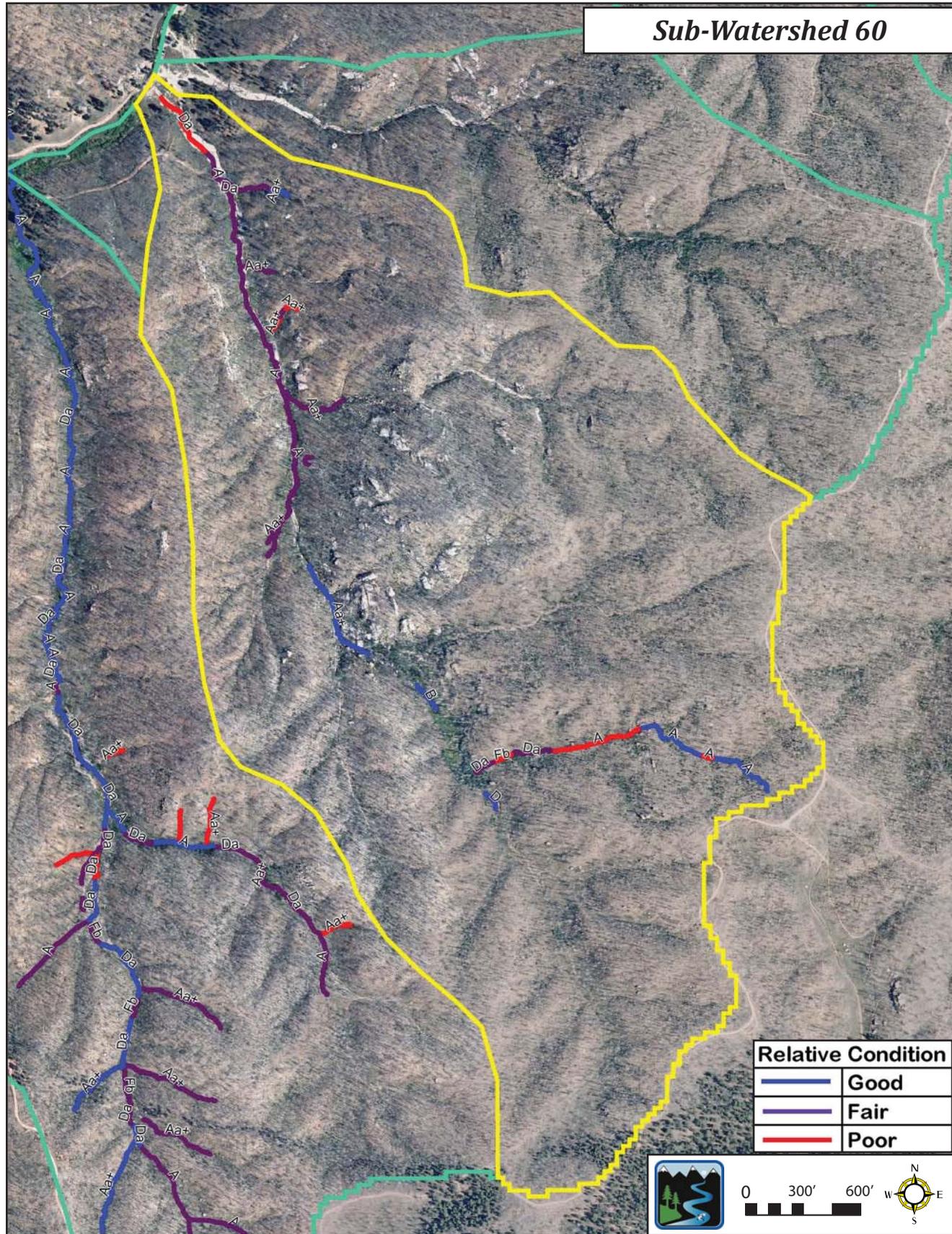
Streambank Erosion Rates (tons/yr/ft)



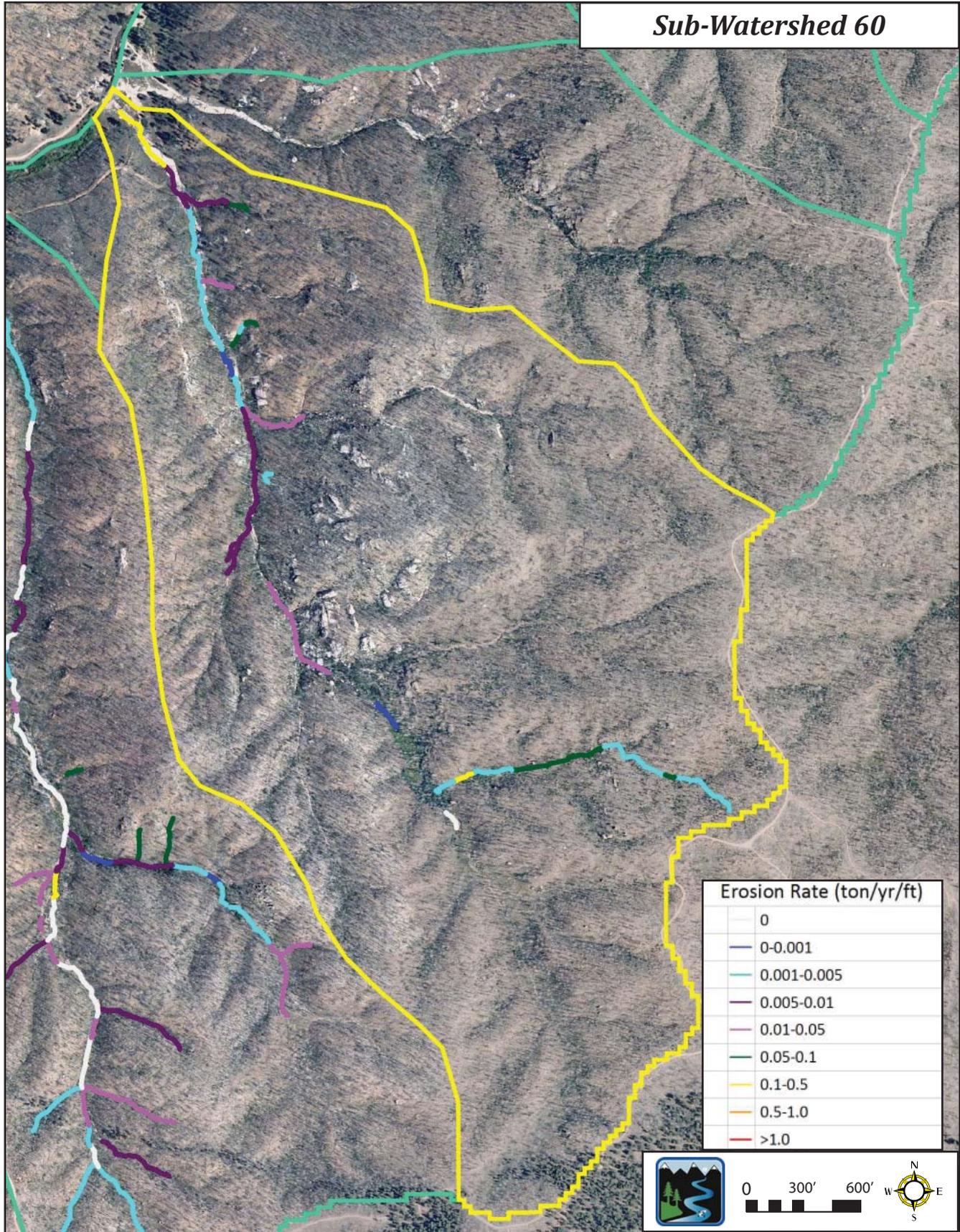
Sub-Watershed 60

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 60																	
Watershed Characteristics	Drainage Area (mi ²)	0.54		High	Moderate	Low	Unburned														
	Drainage Density	10.28		Burn Severity (%)																	
			1.9%	90.0%	8.1%	0.0%															
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW											
		20%	11%	1%	0%	0%	6%	43%	20%												
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G										
		31%	35%	5%	0%	6%	22%	0%	0%	1%	0%										
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		224													
			27%	56%	17%																
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0										
Percent of Erosion Categories		15%	14%	23%	21%	22%	2%	1%	1%	0%											
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		84.35															
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		84.35															
Hydrology	Zone A			N/A			N/A			N/A			N/A								
	Q ₉₅ cfs	5.29	DA (mi ²)	0.416	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	578	701	701	Water Yield (ac-ft)			Water Yield (ac-ft)				Water Yield (ac-ft)			Water Yield (ac-ft)				Water Yield (ac-ft)		
	Flow-Related Sediment (tons/yr)	16	495	145	Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)			Flow-Related Sediment (tons/yr)				Flow-Related Sediment (tons/yr)		
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.													
				Water Yield (ac-ft)	578	701	123	701													
				Flow-Related Sediment (tons)	16	495	479	145	-351												
Erosion Summary	Total Existing Water Yield (ac-ft)		701		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour								
	Total Existing Sediment Yield (tons/yr)		495		Sediment (tons/yr)		224		0		84		187								
	Percent of Total Yield		73%		0%		27%		38%		Scour										
Hydrologic Zones of Watershed																					

Stream Types & Relative Condition



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 61

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 61														
Watershed Characteristics	Drainage Area (mi ²)	0.13		High		Moderate		Low		Unburned								
	Drainage Density	8.16		Burn Severity (%)		6.3%		63.0%		30.7%		0.0%						
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW								
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G						
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		9										
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0							
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%							
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		14.35											
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		14.35											
Hydrology	Zone A			N/A			N/A			N/A			N/A					
	Q ₁₀ cfs	2.90	DA (mi ²)	0.125	Post-Restoration	Q ₁₀ cfs		DA (mi ²)		Post-Restoration	Q ₁₀ cfs		DA (mi ²)		Post-Restoration			
	Water Yield (ac-ft)	316	353	353	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)			
	Flow-Related Sediment (tons/yr)	11	15	15	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)			
	Totals from all Zones		Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.										
Water Yield (ac-ft)		316		353	37	353												
Flow-Related Sediment (tons)		11		15	4	15												
Erosion Summary	Total Existing Water Yield (ac-ft)		353		Banks		Roads	Surface Erosion	Streambed	Deposition or Scour								
	Total Existing Sediment Yield (tons/yr)		15		Sediment (tons/yr)		9	0	14	-8	Deposition							
Percent of Total Yield		39%		0%	61%	34%												
Hydrologic Zones of Watershed																		

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 62

Watershed Summary Stream: Trail Creek Watershed Sub-Watershed: 62

Watershed Characteristics	Drainage Area (mi ²)	0.17		High				Moderate		Low		Unburned											
	Drainage Density	12.83		Burn Severity (%)																			
					0.0%		91.0%		9.0%		0.0%												
					N		NE		E		SE		S		SW		W		NW				
		Percent of Aspect		15%		0%		1%		2%		0%		5%		41%		37%					
				Aa+		A		B		C		D		Da+		E		F		Fb		G	
		Stream Types (%)		0%		40%		0%		0%		0%		20%		0%		0%		41%		0%	

Streambank Erosion			Good		Fair		Poor				Total Erosion (tons/yr)		846								
			5%		39%		56%														
			Erosion Rate (tons/yr/ft)		0		0-0.001		0.001-0.005		0.005-0.01		0.01-0.05		0.05-0.1		0.1-0.5		0.5-1.0		>1.0
		Percent of Erosion Categories		0%		0%		8%		12%		0%		33%		30%		17%		0%	

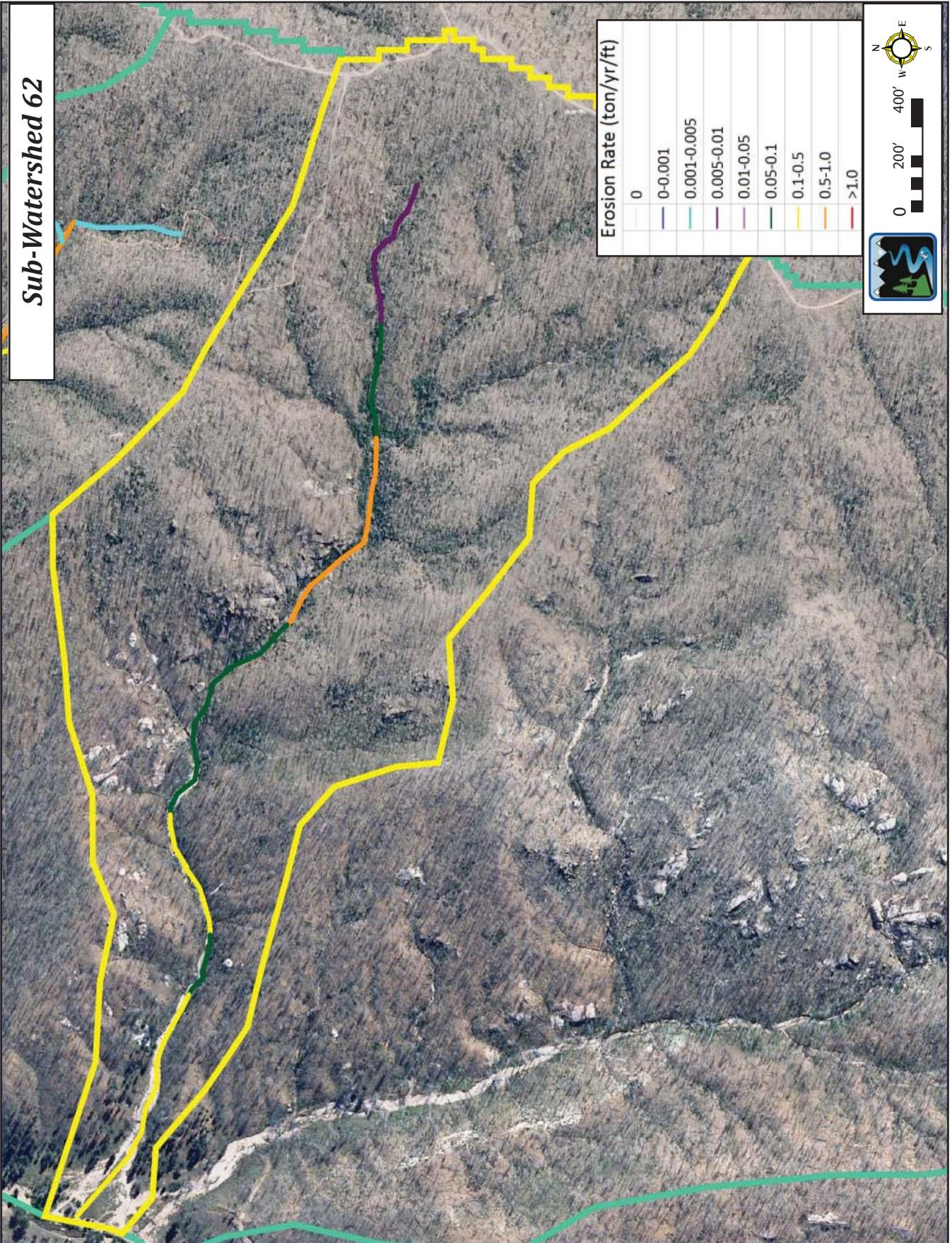
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		33.14	
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		33.14	

Hydrology	Zone A				N/A				N/A				N/A				N/A				
	Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		Q ₉₅ cfs		DA (mi ²)		
	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	Pre-Fire	Post-Fire	
Water Yield (ac-ft)	354	400	400																		
Flow-Related Sediment (tons/yr)	12	213	66																		
Totals from all Zones																					
		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.											
		Water Yield (ac-ft)		354		400		46		400											
		Flow-Related Sediment (tons)		12		213		201		66											

Erosion Summary	Total Existing Water Yield (ac-ft)		400		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour	
	Total Existing Sediment Yield (tons/yr)		213		Sediment (tons/yr)		846		0		33		-666	
			Percent of Total Yield		96%		0%		4%		76%		Deposition	

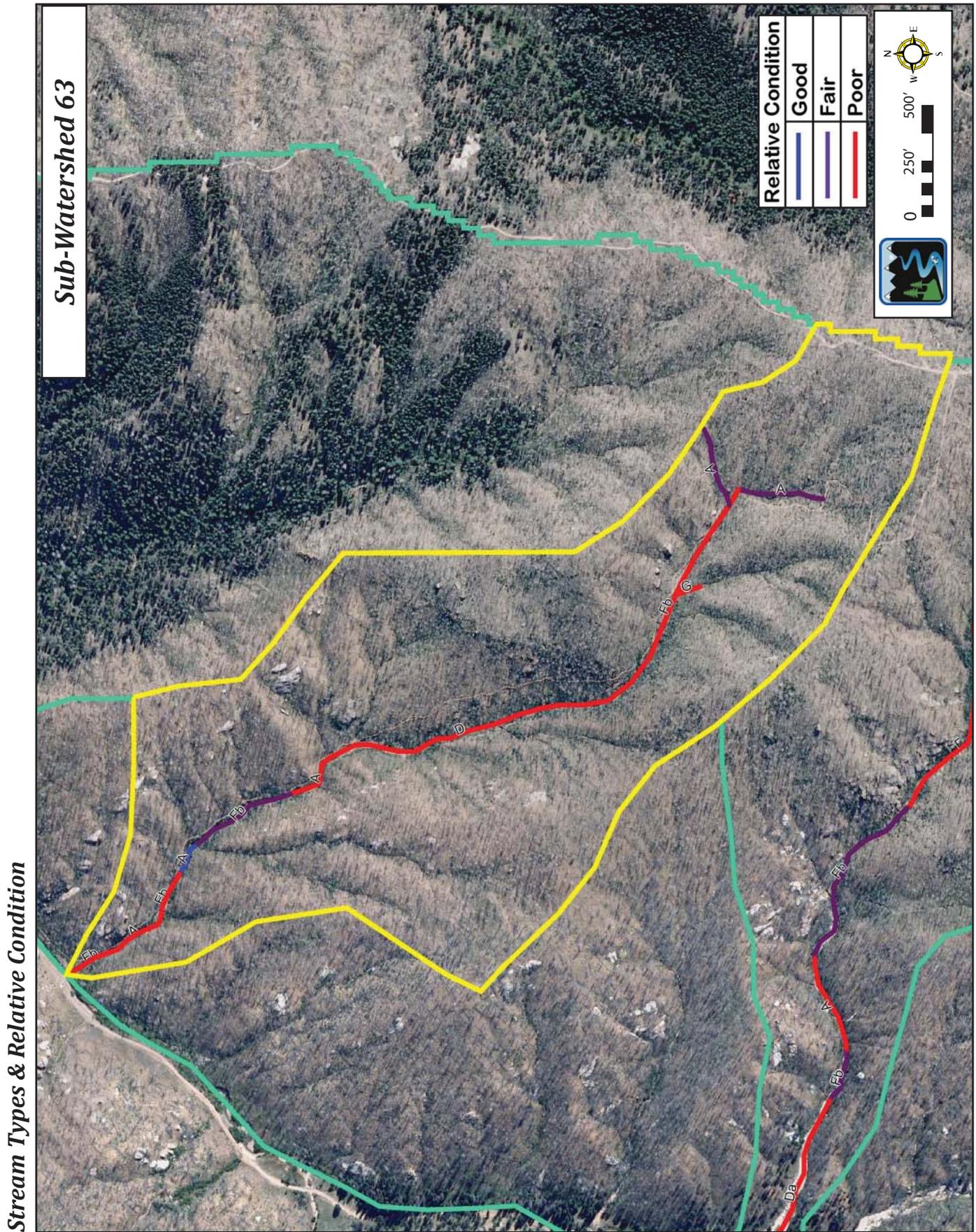


Streambank Erosion Rates (tons/yr/ft)

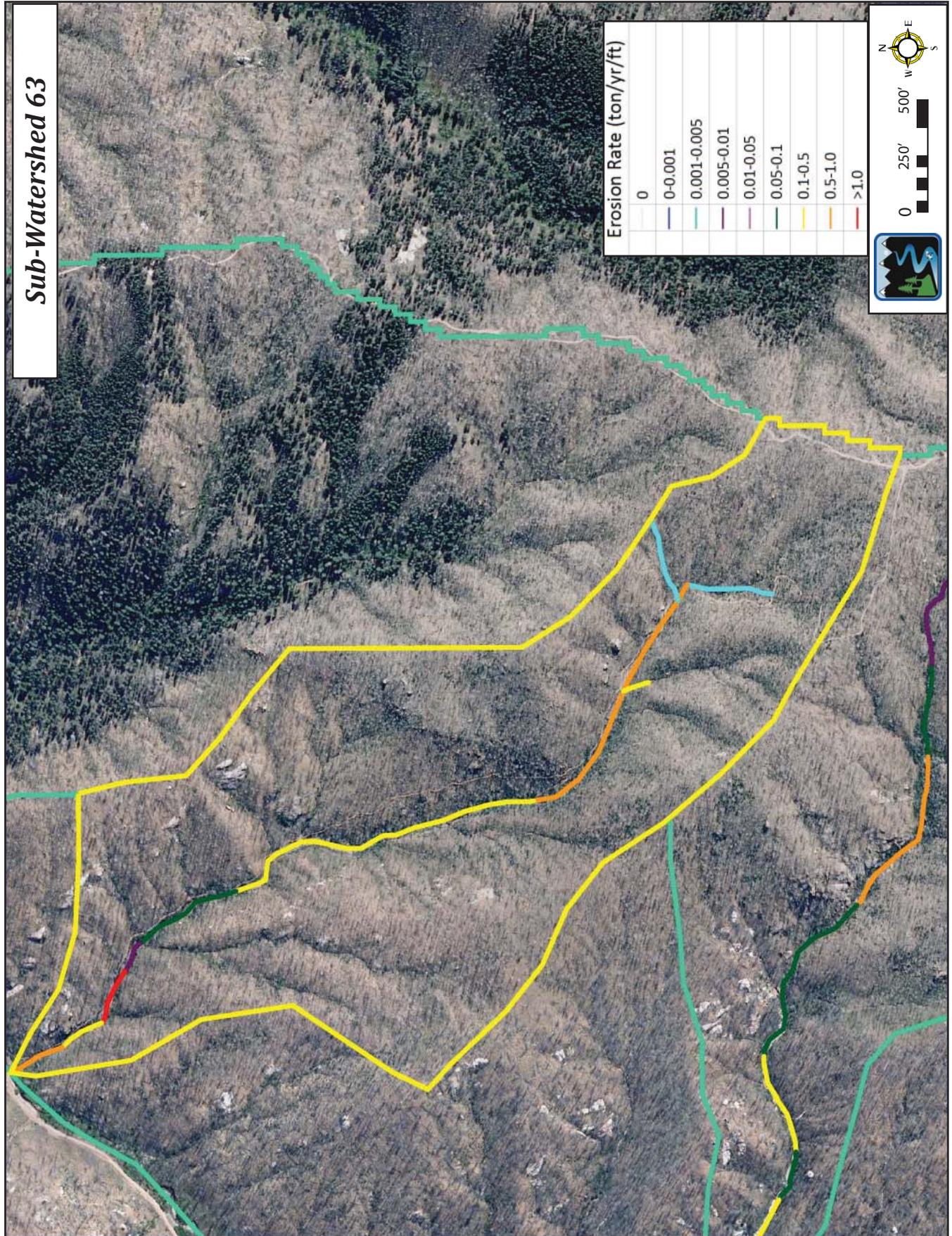


Sub-Watershed 63

Watershed Summary		Stream:	Trail Creek Watershed				Sub-Watershed:	63							
Watershed Characteristics	Drainage Area (mi ²)	0.34		High		Moderate	Low	Unburned							
	Burn Severity (%)		7.2%		90.5%		2.3%	0.0%							
	Drainage Density	11.8		N	NE	E	SE	S	SW	W	NW				
	Percent of Aspect		29%	7%	0%	0%	0%	0%	20%	43%					
Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G				
		0%	29%	0%	0%	23%	0%	0%	0%	45%	2%				
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)			1,931						
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0				
	Percent of Erosion Categories		0%	0%	0%	29%	34%	2%	35%	0%	0%				
Hillslope	Length of Road (ft)	3,750		Sediment from Surface Erosion (tons/yr)		52									
	Total Sediment from Roads (tons/yr)	5.2		Total Introduced Sediment (tons/yr)		57.2									
Hydrology	Zone A			N/A			N/A			N/A			N/A		
	Q ₉₅ cfs	3.41	DA (mi ²)	0.173	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration
	Water Yield (ac-ft)	372	423	423	Water Yield (ac-ft)					Water Yield (ac-ft)					Water Yield (ac-ft)
	Flow-Related Sediment (tons/yr)	12	231	71	Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)
	Totals from all Zones			Pre-Fire	Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.							
	Water Yield (ac-ft)			372	423	51	423								
Flow-Related Sediment (tons)			12	231	219	71	-160								
Erosion Summary	Total Existing Water Yield (ac-ft)		423		Banks		Roads	Surface Erosion	Streambed	Deposition or Scour					
	Total Existing Sediment Yield (tons/yr)		231		Sediment (tons/yr)		1,931	5	52	-1,757	Deposition				
Percent of Total Yield		97%		0%	3%	88%									
Hydrologic Zones of Watershed															



Streambank Erosion Rates (tons/yr/ft)



Sub-Watershed 64

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 64																								
Watershed Characteristics	Drainage Area (mi ²)	0.06		High	Moderate	Low	Unburned																					
	Drainage Density	9.36		Burn Severity (%)																								
				0.0%	0.0%	1.5%	98.5%																					
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW																			
	44%	6%	0%	1%	0%	0%	0%	49%																				
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G																		
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%																		
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)																							
		100%	0%	0%	5																							
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																		
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%																			
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		0.95																						
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		0.95																						
Hydrology	Zone A				N/A				N/A				N/A				N/A											
	Q ₉₅ cfs	2.03	DA (mi ²)	0.062	Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	222	222	222				Water Yield (ac-ft)							Water Yield (ac-ft)							Water Yield (ac-ft)						
	Flow-Related Sediment (tons/yr)	9	9	9				Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)						
	Totals from all Zones	Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.																		
	222		222		0		222		0																			
	9		9		0		9		0																			
Erosion Summary	Total Existing Water Yield (ac-ft)		222		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour															
	Total Existing Sediment Yield (tons/yr)		9		Sediment (tons/yr)		5		0		1		3															
	Percent of Total Yield		84%		0%		16%		34%		Scour																	
Hydrologic Zones of Watershed																												

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 65

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 65																								
Watershed Characteristics	Drainage Area (mi ²)	0.10		High		Moderate		Low		Unburned																		
	Drainage Density	11.88		Burn Severity (%)		0.0%		0.0%		11.0%		89.0%																
	Percent of Aspect		N	NE	E	SE	S	SW	W	NW																		
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G																
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Poor	Total Erosion (tons/yr)		11																				
	Erosion Rate (tons/yr/ft)		0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0																	
	Percent of Erosion Categories		0%	0%	0%	0%	0%	100%	0%	0%	0%																	
Hillslope	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		2.5																					
	Total Sediment from Roads (tons/yr)		0		Total Introduced Sediment (tons/yr)		2.5																					
Hydrology	Zone A				N/A				N/A				N/A				N/A											
	Q ₁₀₀ cfs	2.64	DA (mi ²)	0.104	Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration	Q ₁₀₀ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Post-Restoration
	Water Yield (ac-ft)	288	288	288	288			Water Yield (ac-ft)							Water Yield (ac-ft)							Water Yield (ac-ft)						
	Flow-Related Sediment (tons/yr)	11	11	11				Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)						
	Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.																	
		Water Yield (ac-ft)		288		288		0		288		0																
		Flow-Related Sediment (tons)		11		11		0		11		0																
Erosion Summary	Total Existing Water Yield (ac-ft)		288		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour															
	Total Existing Sediment Yield (tons/yr)		11		Sediment (tons/yr)		11		0		3		-3															
	Percent of Total Yield		81%		0%		19%		22%		Deposition																	
Hydrologic Zones of Watershed																												

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 66

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 66																	
Watershed Characteristics	Drainage Area (mi ²)	0.15		High	Moderate	Low	Unburned														
	Drainage Density	10.37		Burn Severity (%)																	
				0.0%	0.0%	50.0%	99.5%														
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW												
		20%	16%	1%	0%	0%	0%	24%	37%												
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G											
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%											
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)																
		100%	0%	0%	14																
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0											
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%												
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		3.16															
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		3.16															
Hydrology	Zone A			N/A			N/A			N/A			N/A								
	Q ₉₅ cfs	3.22	DA (mi ²)	0.154	Pre-Fire	Post-Fire	Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Restoration	Q ₉₅ cfs		DA (mi ²)		Pre-Fire	Post-Fire	Restoration
	Water Yield (ac-ft)	352	352	352				Water Yield (ac-ft)							Water Yield (ac-ft)						
	Flow-Related Sediment (tons/yr)	12	12	12				Flow-Related Sediment (tons/yr)							Flow-Related Sediment (tons/yr)						
	Totals from all Zones	Pre-Fire		Post-Fire	Total Increase	Post-Restoration	Reduction Post-Rest.														
	Water Yield (ac-ft)		352	352	0	352															
	Flow-Related Sediment (tons)		12	12	0	12															
Erosion Summary	Total Existing Water Yield (ac-ft)		352		Banks	Roads	Surface Erosion	Streambed	Deposition or Scour												
	Total Existing Sediment Yield (tons/yr)		12		Sediment (tons/yr)	14	0	3	-5	Deposition											
					Percent of Total Yield	82%	0%	18%	31%												
Hydrologic Zones of Watershed																					

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

Sub-Watershed 67

Watershed Summary		Stream: Trail Creek Watershed		Sub-Watershed: 67																	
Watershed Characteristics	Drainage Area (mi ²)	0.18		High	Moderate	Low	Unburned														
	Drainage Density	11.04		Burn Severity (%)																	
				0.0%	0.0%	12.4%	87.6%														
	Percent of Aspect	N	NE	E	SE	S	SW	W	NW												
		14%	5%	0%	1%	0%	6%	35%	38%												
Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G											
	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%											
Streambank Erosion	Percent of Stream Conditions	Good	Fair	Poor	Total Erosion (tons/yr)																
		100%	0%	0%	24																
	Erosion Rate (tons/yr/ft)	0	0-0.001	0.001-0.005	0.005-0.01	0.01-0.05	0.05-0.1	0.1-0.5	0.5-1.0	>1.0											
Percent of Erosion Categories	0%	0%	0%	0%	0%	100%	0%	0%	0%												
Hillslope	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		5.6															
	Total Sediment from Roads (tons/yr)	0		Total Introduced Sediment (tons/yr)		5.6															
Hydrology	Zone A			Zone B			N/A			N/A			N/A								
	Q ₉₅ cfs	3.43	DA (mi ²)	0.175	Post-Restoration	Q ₉₅ cfs	2.31	DA (mi ²)	0.08	Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	Q ₉₅ cfs		DA (mi ²)		Post-Restoration	
	Pre-Fire	375	Post-Fire	375	Restoration	375	Pre-Fire	252	Post-Fire	252	Restoration	252	Pre-Fire		Post-Fire		Pre-Fire		Post-Fire	Restoration	
	Water Yield (ac-ft)					Water Yield (ac-ft)						Water Yield (ac-ft)					Water Yield (ac-ft)				
	Flow-Related Sediment (tons/yr)	12	12	12		Flow-Related Sediment (tons/yr)	10	10	10			Flow-Related Sediment (tons/yr)					Flow-Related Sediment (tons/yr)				
Totals from all Zones		Pre-Fire		Post-Fire		Total Increase		Post-Restoration		Reduction Post-Rest.											
		627		627		0		627		0											
		22		22		0		22		0											
Erosion Summary	Total Existing Water Yield (ac-ft)		627		Banks		Roads		Surface Erosion		Streambed		Deposition or Scour								
	Total Existing Sediment Yield (tons/yr)		22		Sediment (tons/yr)		24		0		6		-7								
	Percent of Total Yield		81%		0%		19%		25%		Deposition										
Hydrologic Zones of Watershed																					

The stream type and condition observed at the confluence indicated low erosion rates and good condition streams. Thus, detailed inventories were not warranted and the erosion rates from stable reaches were extrapolated to this sub-watershed.

