

Appendix D

Watershed Summaries

Waldo Canyon Major Watershed & Sub-Watershed Summaries

Data was collected from portions of four major watersheds: Camp Creek, Douglas Creek, Fountain Creek, and West Monument Creek. Using GIS, the four watersheds were delineated into 89 sub-watersheds and given unique number IDs as identified in **Figures D-1 through D-5**. **Appendix D** summarizes the morphological, hydrologic, and sedimentological relations to identify the hillslope, hydrology, and channel processes contributing to sediment yields for the major and sub-watersheds. The summaries for each major watershed and sub-watershed include:

1. **Watershed Characteristics:**
 - a) Drainage area and density
 - b) Wildfire burn intensity
 - c) Percent of stream types
2. **Streambank Erosion:**
 - a) Percent of stream reach by annual erosion rate category and stream condition
 - b) Total streambank erosion in tons/yr
3. **Hillslope Processes:**
 - a) Length and total sediment from roads(tons/yr)
 - b) Delivered sediment from surface erosion (tons/yr)
 - c) Total sediment from introduced hillslope sources
4. **Hydrology:**
 - a) Bankfull discharge
 - b) Pre- and post-fire water yield and flow-related sediment yield
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 major watershed 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.

Also included with this report are digital copies of the maps created for the project and a collection of Google Earth KMZ files. These maps provide detailed information on the data that was collected in the field and the results of the WARSSS analysis; the maps are provided in large format E-sized PDFs. The following are the maps and KMZ files included as digital copies:

Large Format PDF Files

- Waldo Canyon Fire Burn Area and Severity
- Hillslope-Delivered Sediment
- Stream Conditions
- Streambank Erosion Rates
- Total Introduced Sediment (tons/acre)
- Total Introduced Sediment (tons/yr)
- Valley Types
- WRENSS Change in Water Yield

Google Earth KMZ Files

- Waldo Canyon Fire Burn Area and Severity
- Waldo Canyon Fire Watershed Boundaries
- Stream Conditions
- Streambank Erosion Rates
- Hillslope-Delivered Sediment
- Photographs

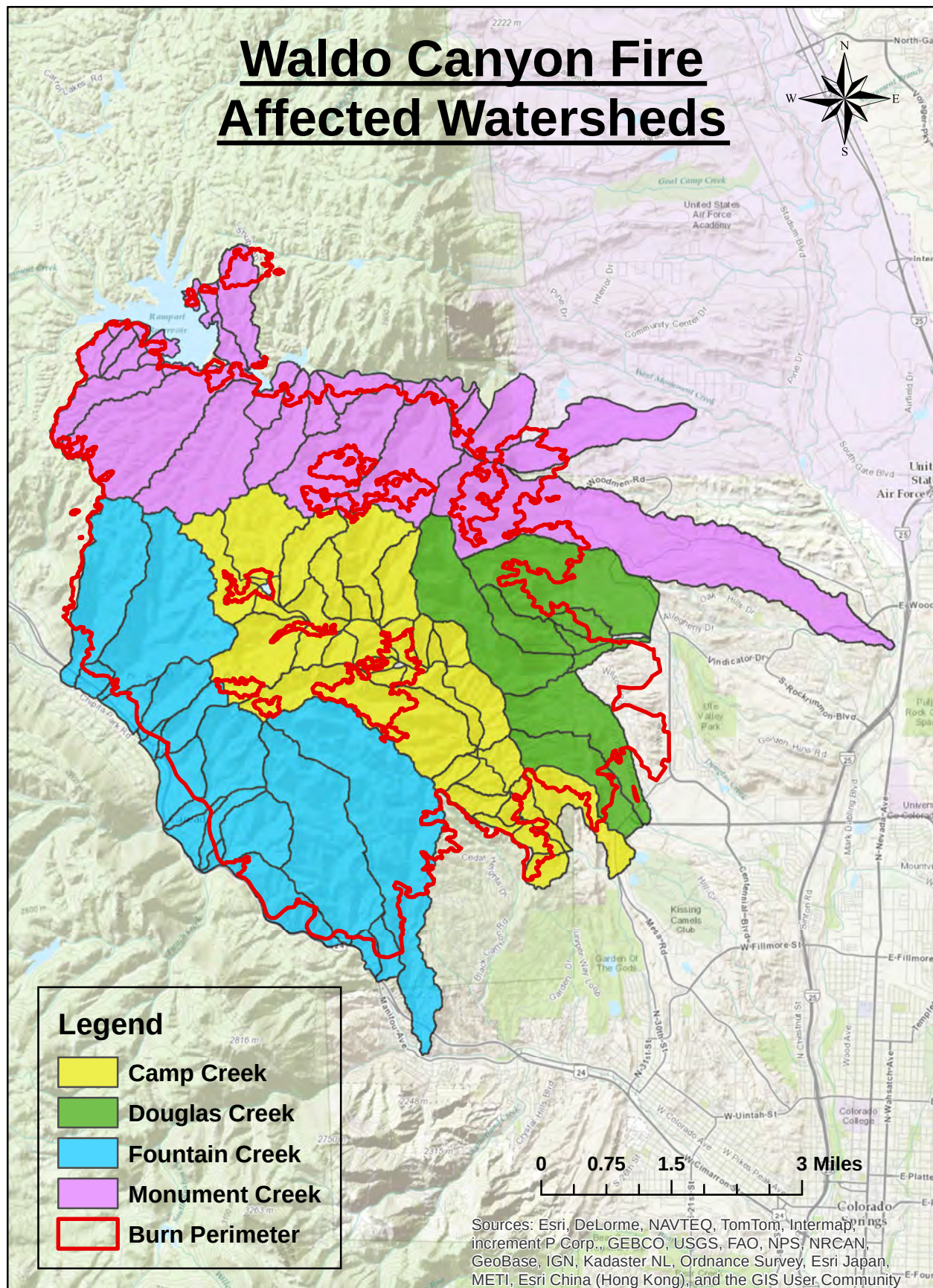


Figure D-1. The four major watersheds affected by the Waldo Canyon Fire: 1) Camp Creek (see **Figure D-2**), 2) Douglas Creek (see **Figure D-3**), 3) Fountain Creek (see **Figure D-4**), and 4) Monument Creek (see **Figure D-5**).

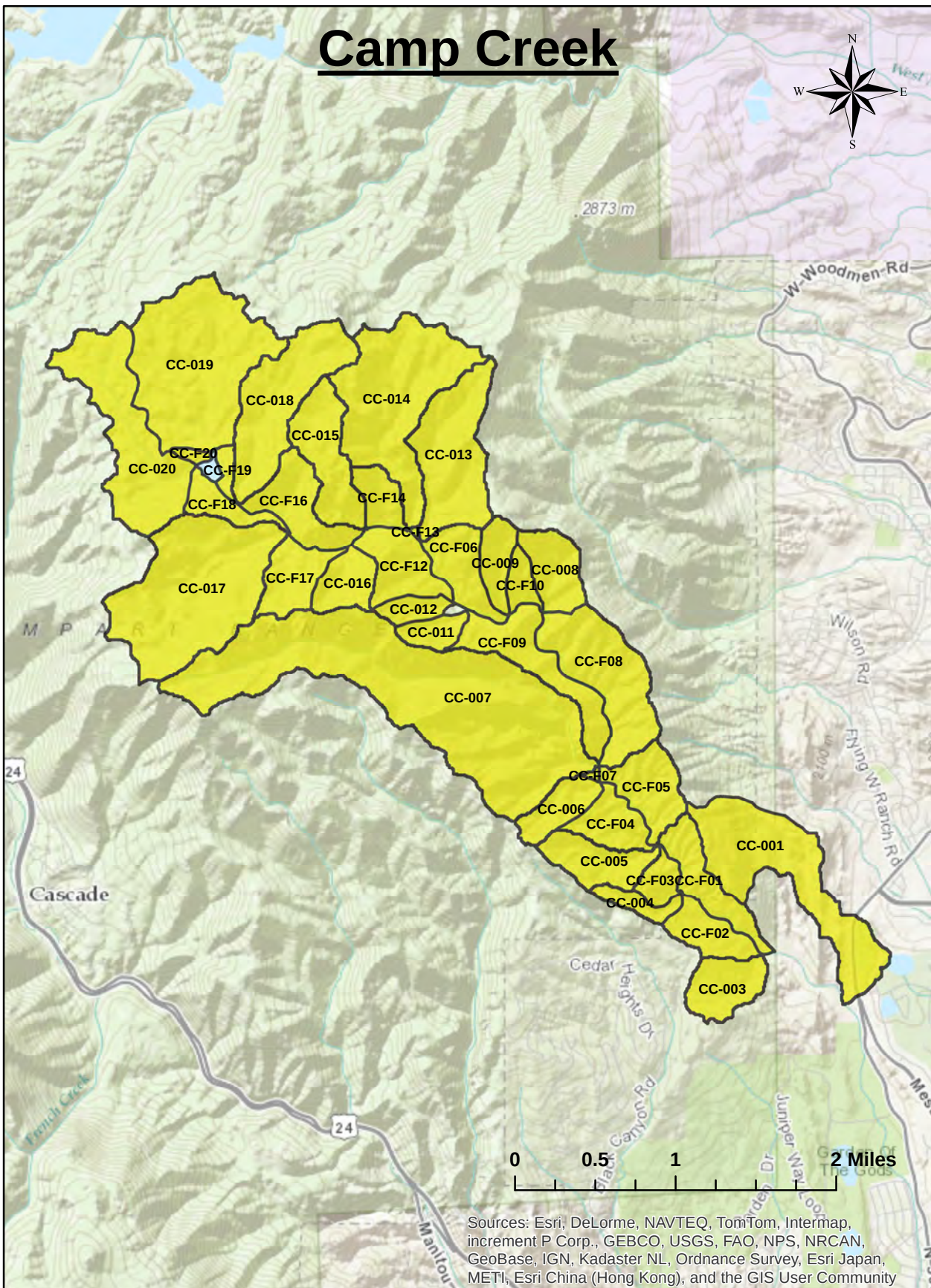


Figure D-2. The delineation of the Camp Creek sub-watersheds.

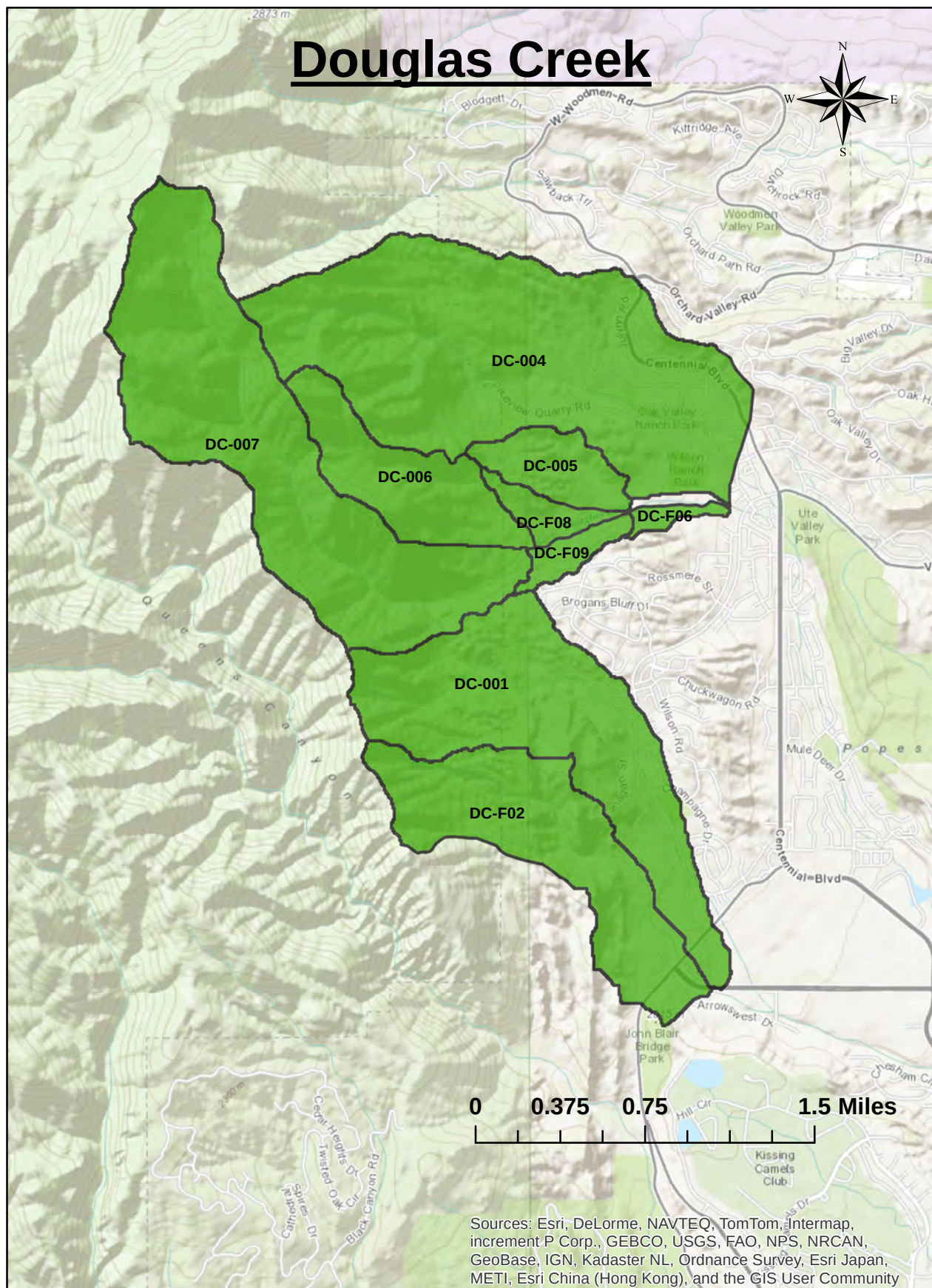


Figure D-3. The delineation of the Douglas Creek sub-watersheds.

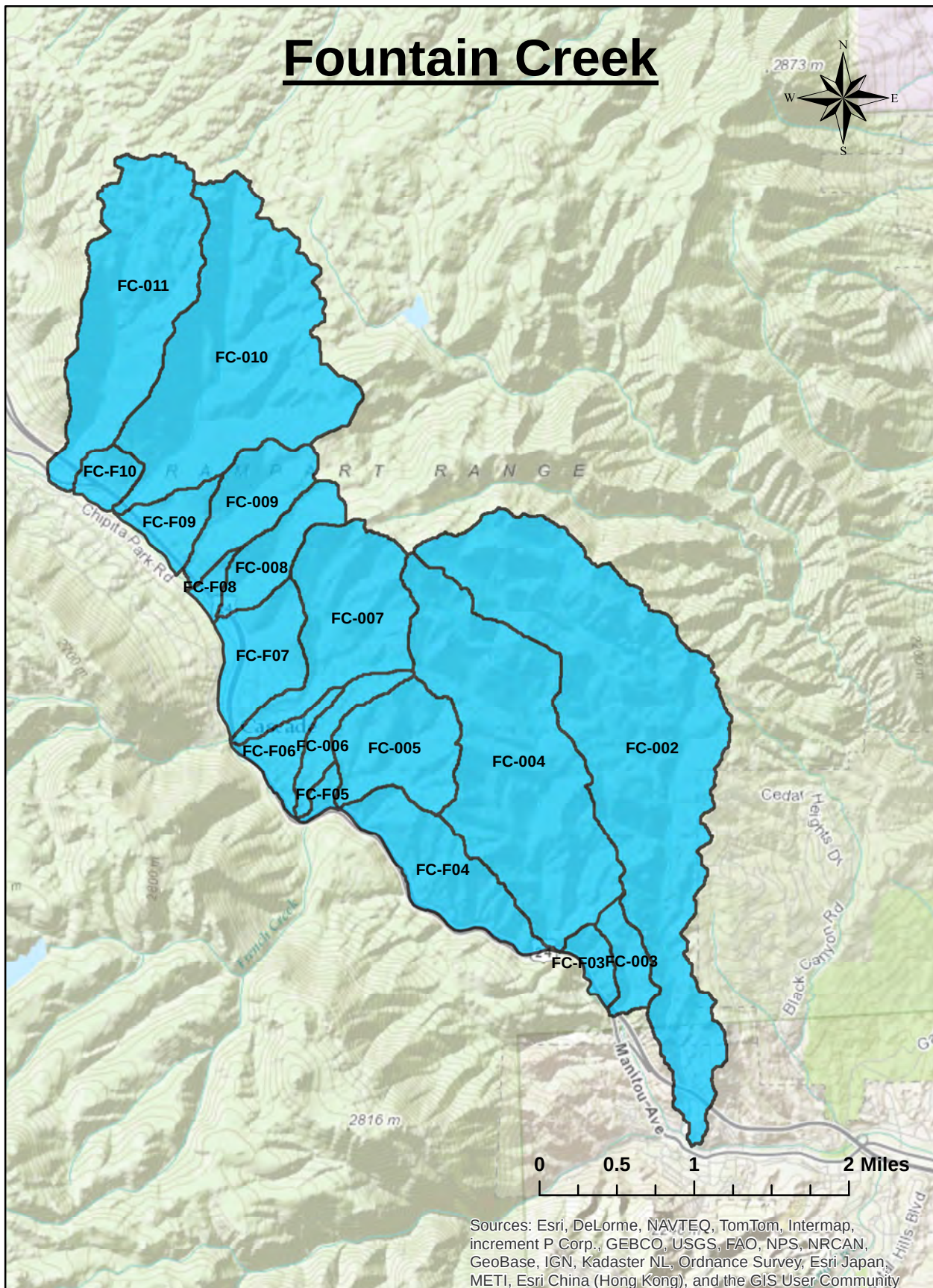


Figure D-4. The delineation of the Fountain Creek sub-watersheds.

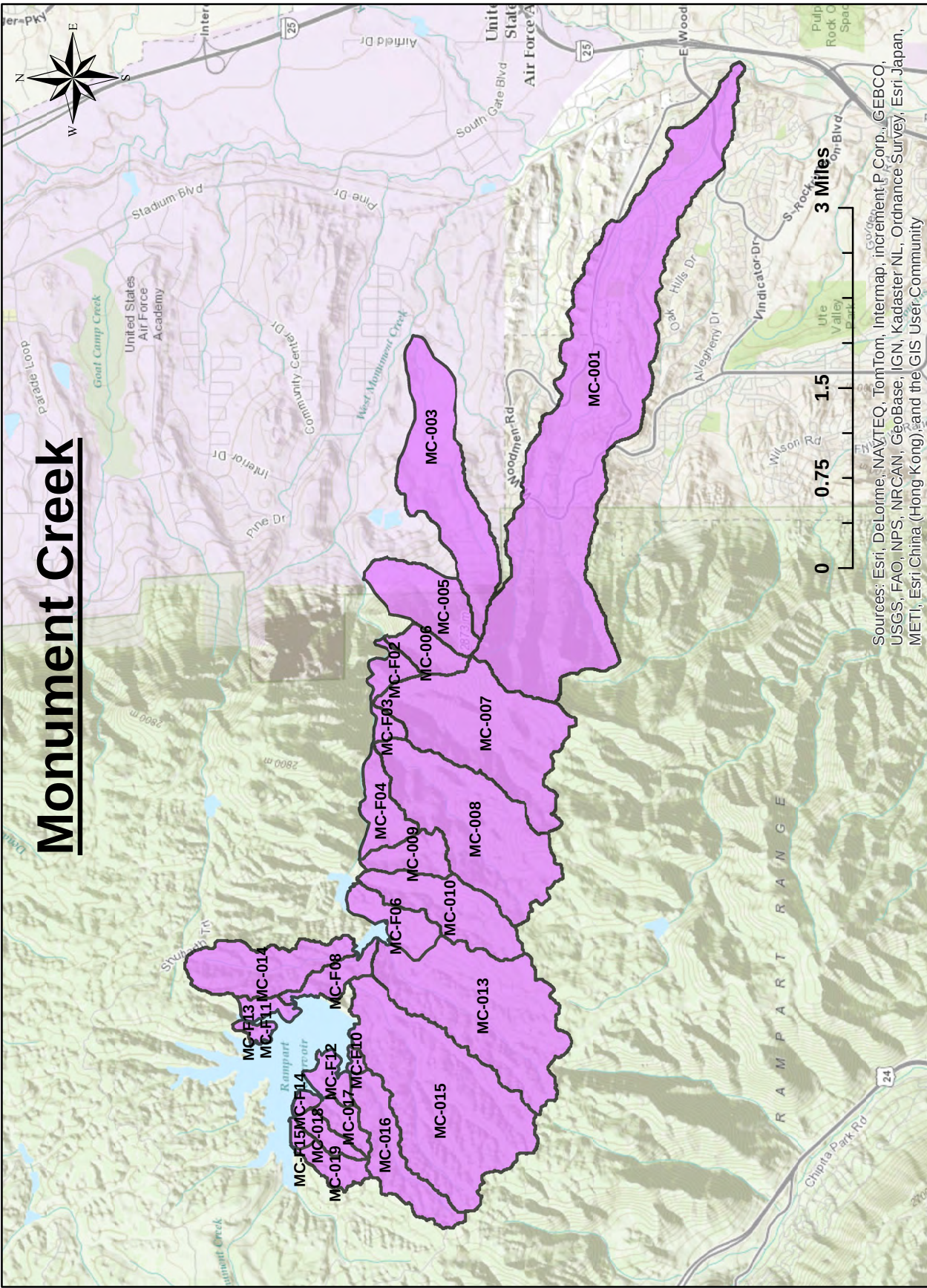


Figure D-5. The delineation of the Monument Creek sub-watersheds.

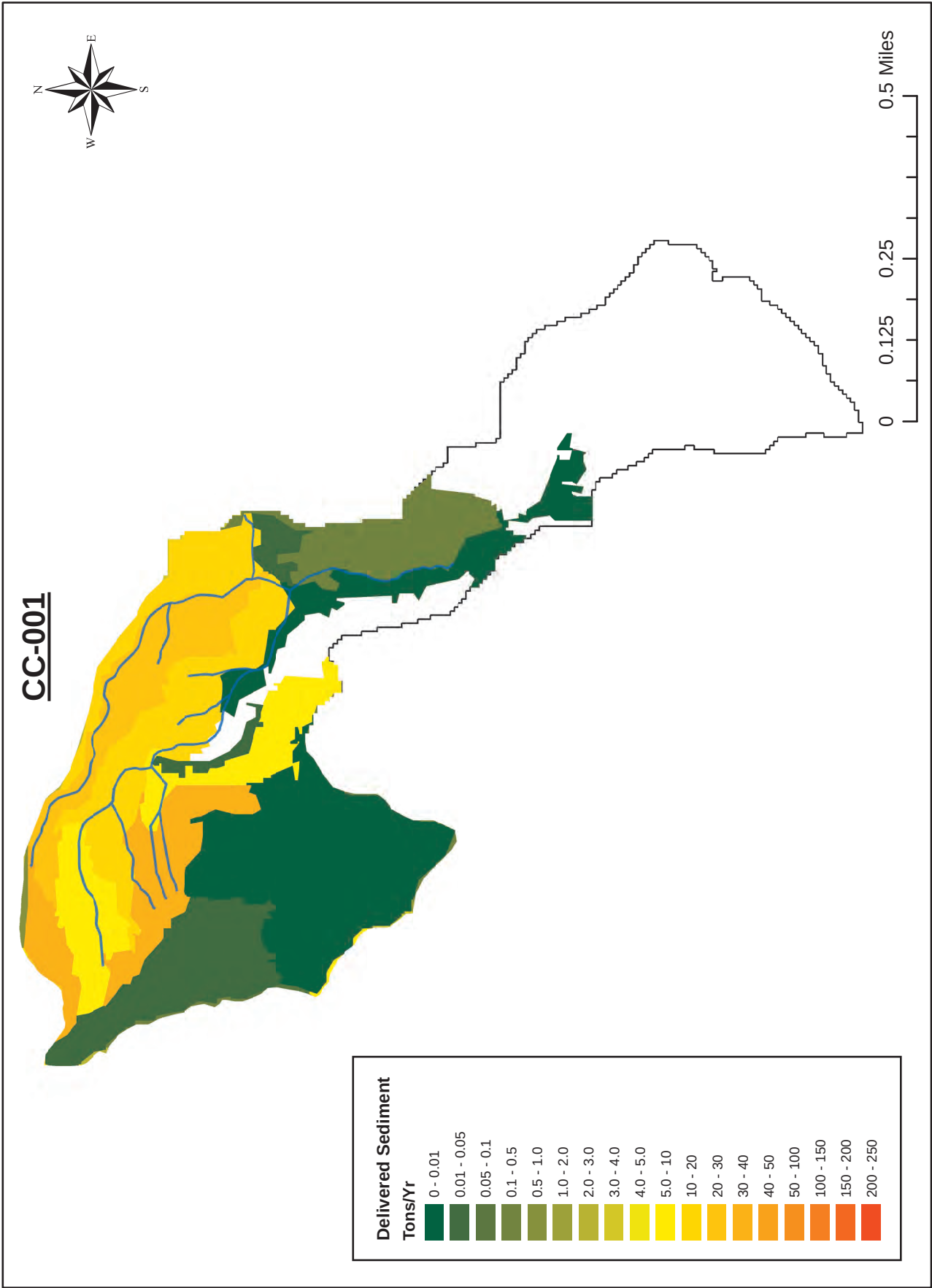
Watershed Summaries: Camp Creek

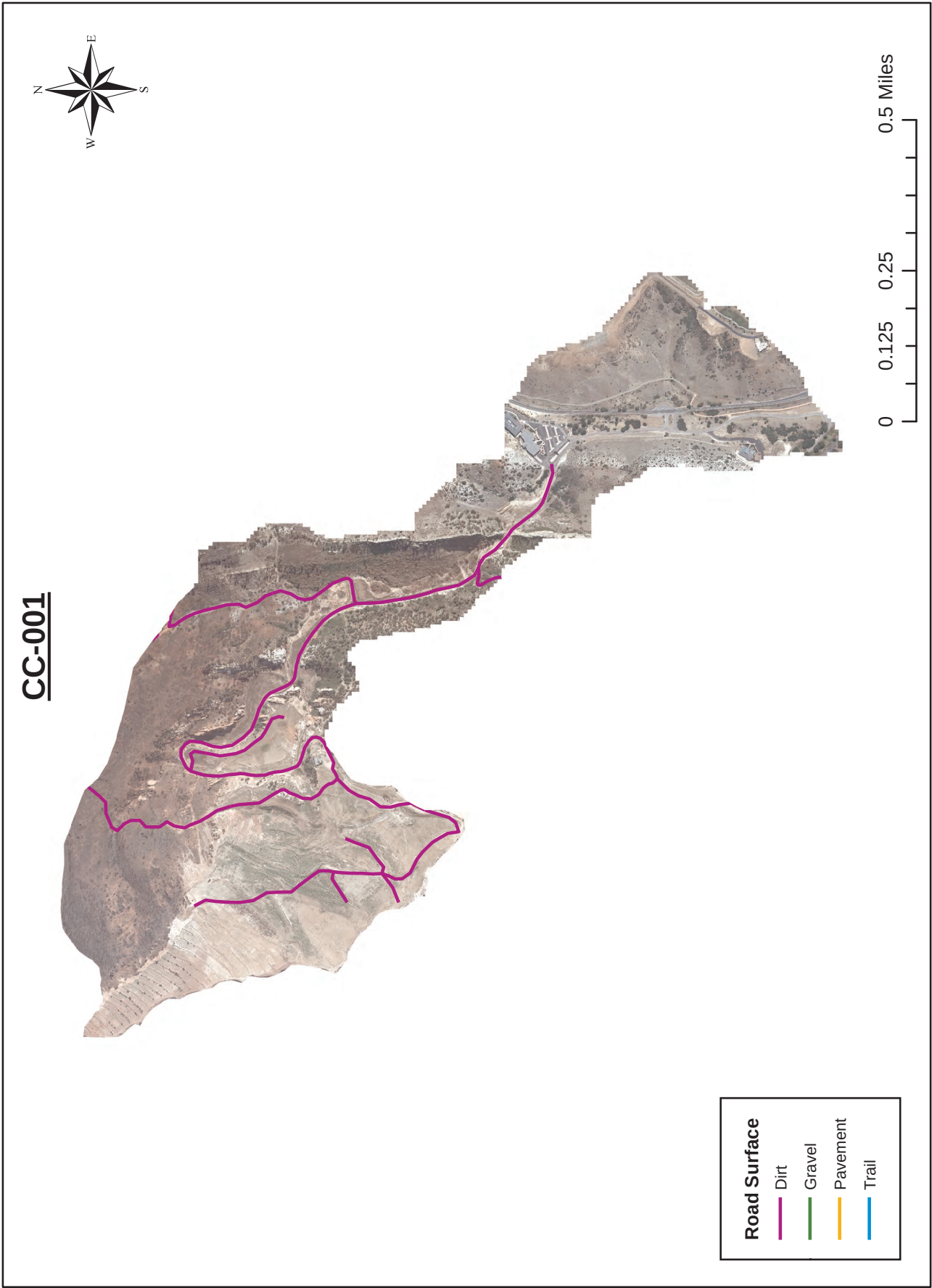
Camp Creek Watershed Summary

Watershed Summary		Stream: Camp Creek		Sub-Watershed: Camp Creek								
Watershed Characteristics	Drainage Area (mi ²)	8.73		High	Moderate	Low	Unburned					
			Burn Severity (%)	5.1%	36.9%	36.4%	21.8%					
	Drainage Density	7.43										
			Aa+	A	B	C	D	Da+	E	F	Fb	G
		Stream Types (%)	55%	22%	11%	0%	9%	0%	0%	0%	1%	1%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		22%	22%	35%	22%	Total Erosion (tons/yr)		6,750			
			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	5%	7%	26%	6%	50%	4%	2%	0%	0%
Hillslope Processes	Length of Road (ft)	238,211		Sediment from Surface Erosion (tons/yr)		4193.04						
	Total Sediment from Roads (tons/yr)	750.75		Introduced Sediment Roads & Hillslope (tons/yr)		4944						
Hydrology			Q _{BKF} (cfs)	19.614	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		2,115		3,702		1,587					
	Flow-Related Sediment (tons/yr)		71		16,897		16,826					
Erosion Summary	Total Introduced Sediment (tons/yr)	11,694		Sediment (tons/yr)	6,750	751	4,193	5,203				
	Total Flow Related Sediment (tons/yr)	16,897		Percent of Total Yield	40%	4%	25%	31%				
			Banks	Roads	Surface Erosion	Streambed						
			☒ Degradation ☐ Aggradation									

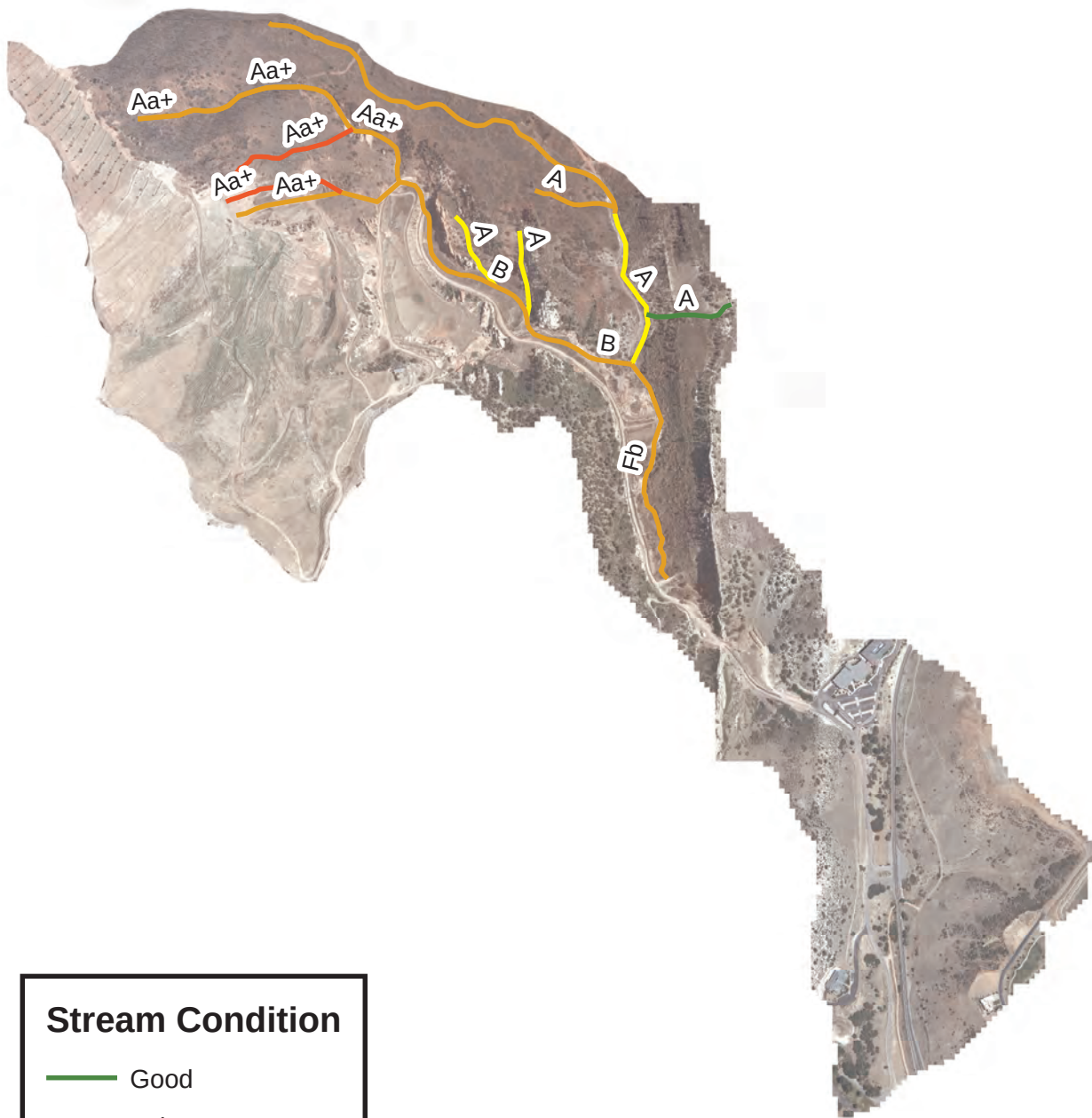
Camp Creek, Sub-Watershed 001 (CC-001)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-001							
Watershed Characteristics	Drainage Area (mi ²)	0.49		High	Moderate	Low	Unburned				
				Burn Severity (%)	1.0%	18.0%	13.0%	68.0%			
	Drainage Density	5.81									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		38%	21%	14%	0%	0%	0%	0%	0%	27%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	4%	14%	71%	11%	Total Erosion (tons/yr)	384				
	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%	17%	0%	56%	27%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	175,067		Sediment from Surface Erosion (tons/yr)	164.26						
	Total Sediment from Roads (tons/yr)	452.62		Introduced Sediment Roads & Hillslope (tons/yr)	617						
Hydrology		Q _{BKF} (cfs)	2.958	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	321		331	10						
	Flow-Related Sediment (tons/yr)	17		1,111	1,094						
Erosion Summary	Total Introduced Sediment (tons/yr)	1,001		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				384	453	164	110				
	Total Flow Related Sediment (tons/yr)	1,111		Percent of Total Yield	35%	41%	15%	10%			
		☒ Degradation		☐ Aggradation							



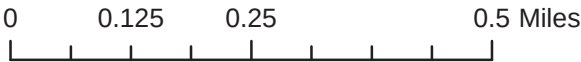


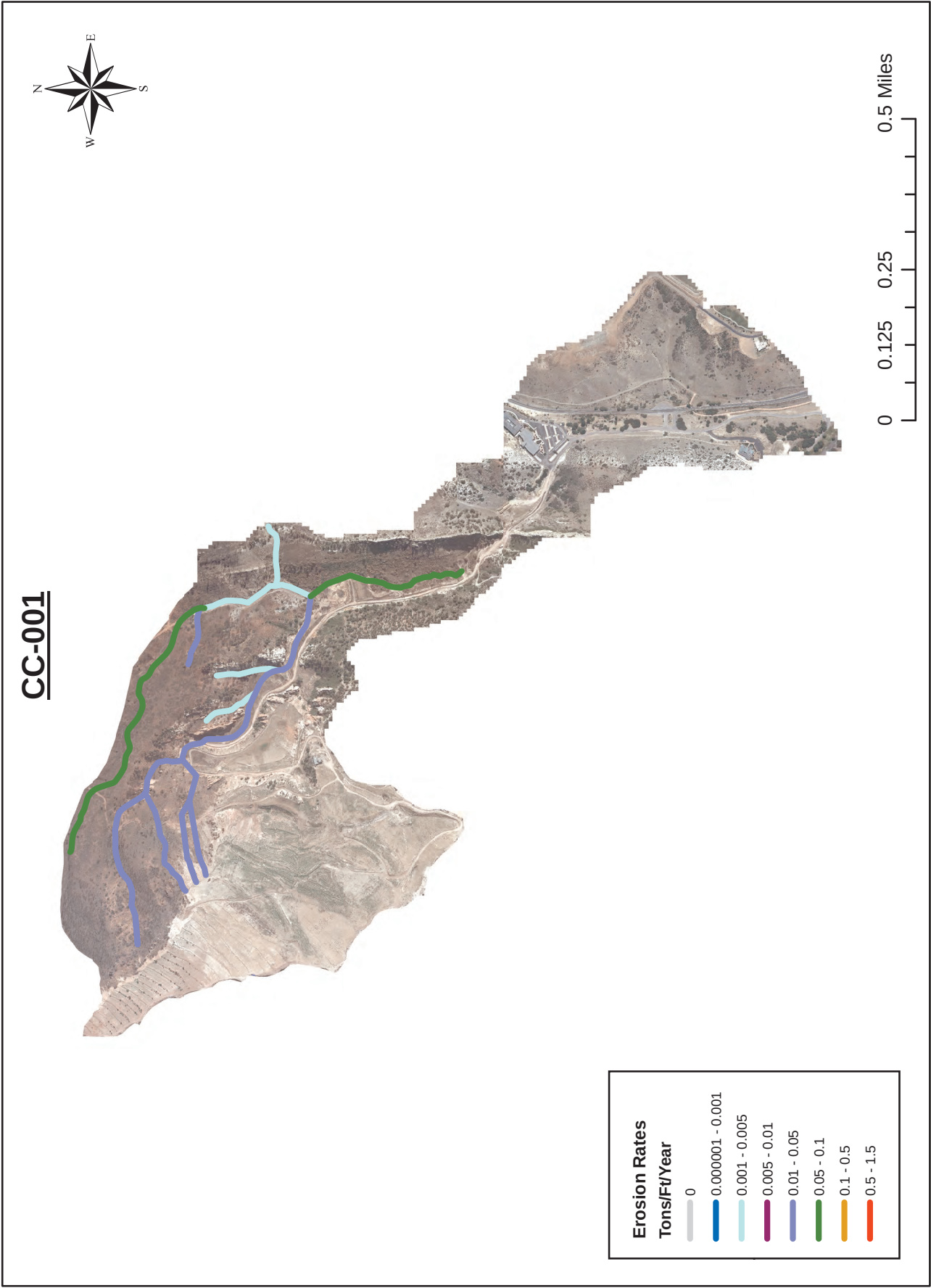
CC-001



Stream Condition

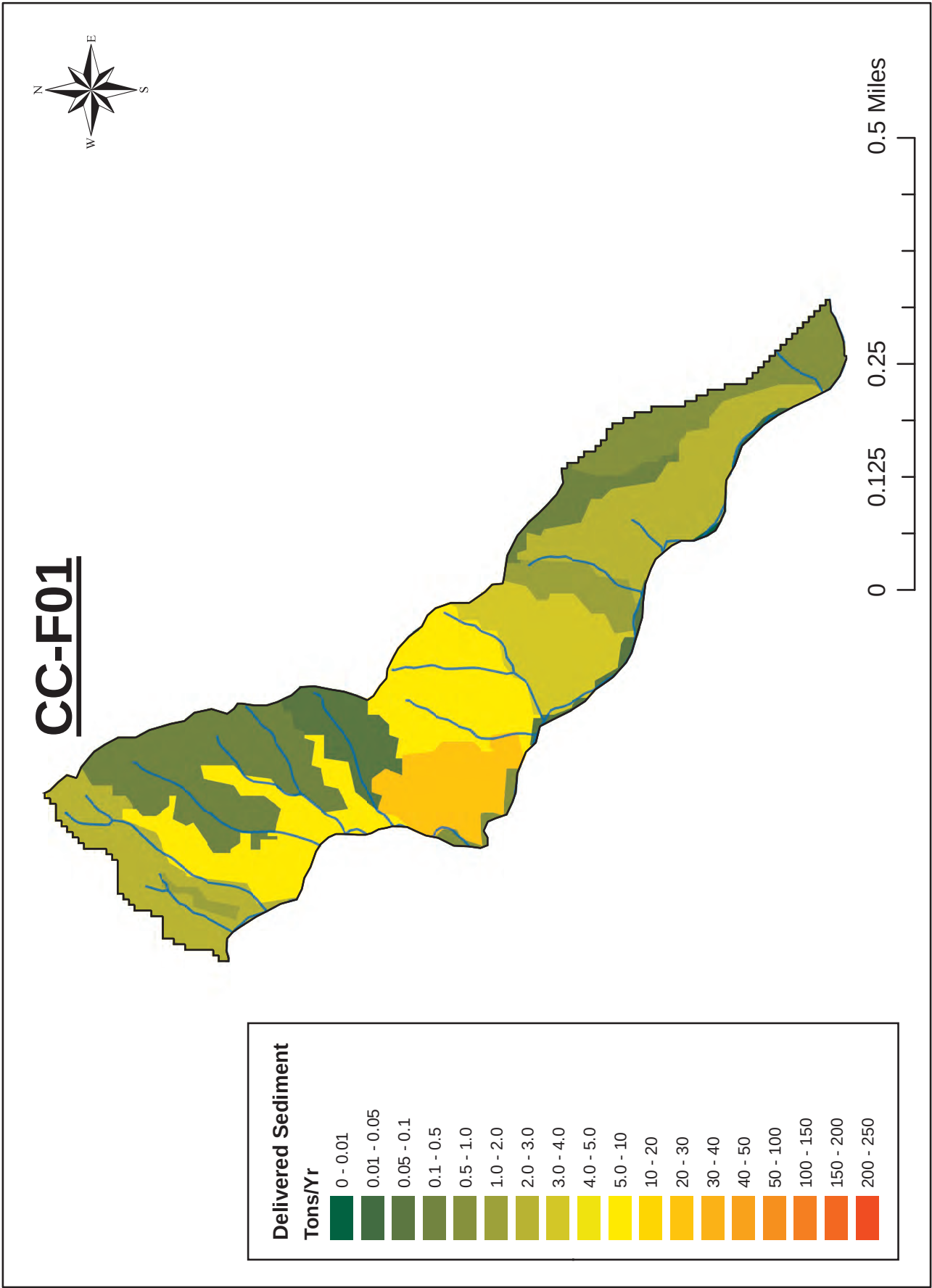
- Good
- Fair
- Fair-Poor
- Poor

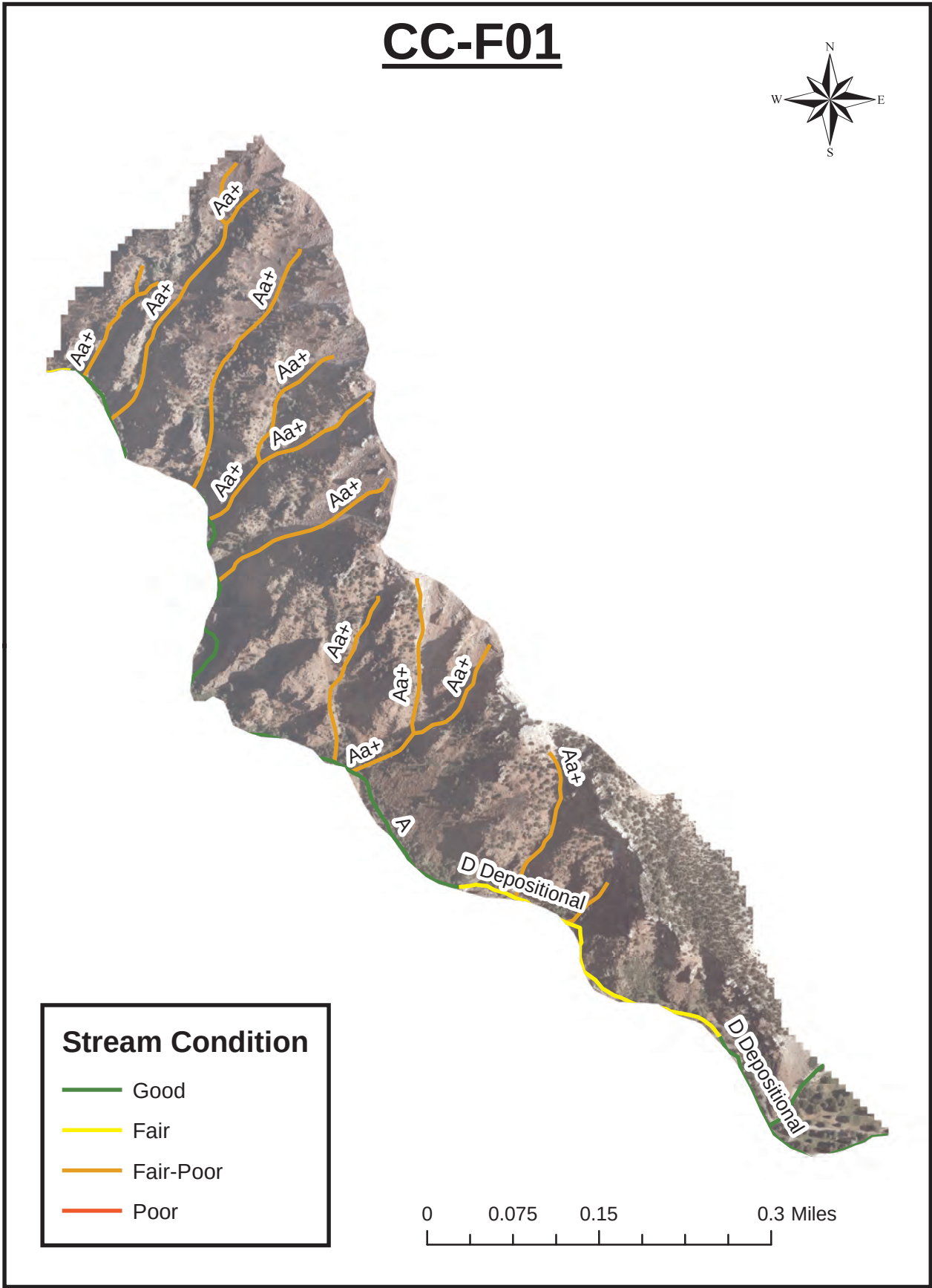


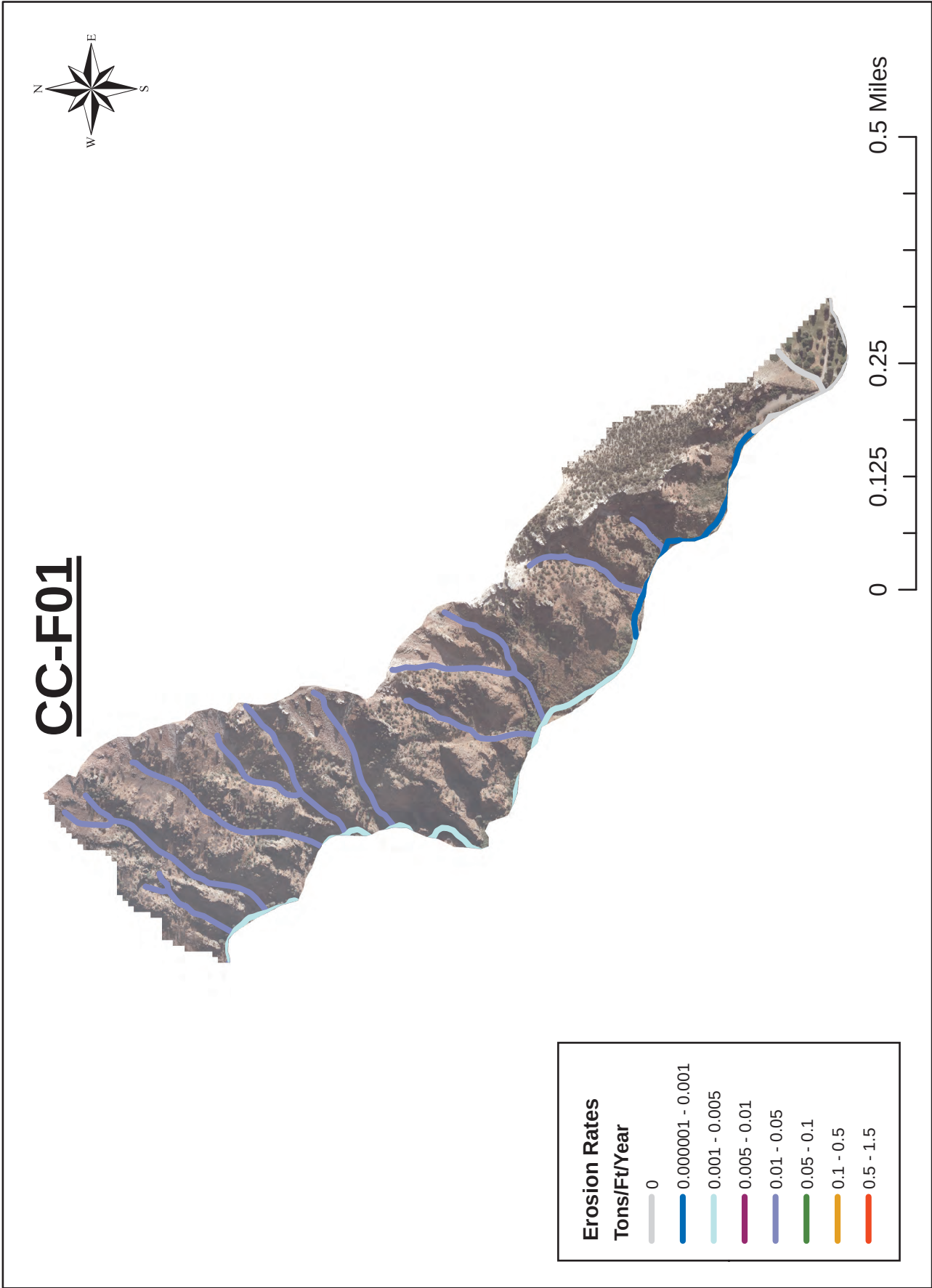


Camp Creek, Sub-Watershed F01 (CC-F01)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F01							
Watershed Characteristics	Drainage Area (mi ²)	0.17		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	2.0%	25.0%	74.0%			
	Drainage Density	10.88									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	Total Erosion (tons/yr)	241				
	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%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	62.25						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	62						
Hydrology		Q _{BKF} (cfs)	1.4577	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	158		163	5						
	Flow-Related Sediment (tons/yr)	12		586	574						
Erosion Summary	Total Introduced Sediment (tons/yr)	303		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				241	0	62	283				
	Total Flow Related Sediment (tons/yr)	586		Percent of Total Yield	41%	0%	11%	48%			
		☒ Degradation		☐ Aggradation							

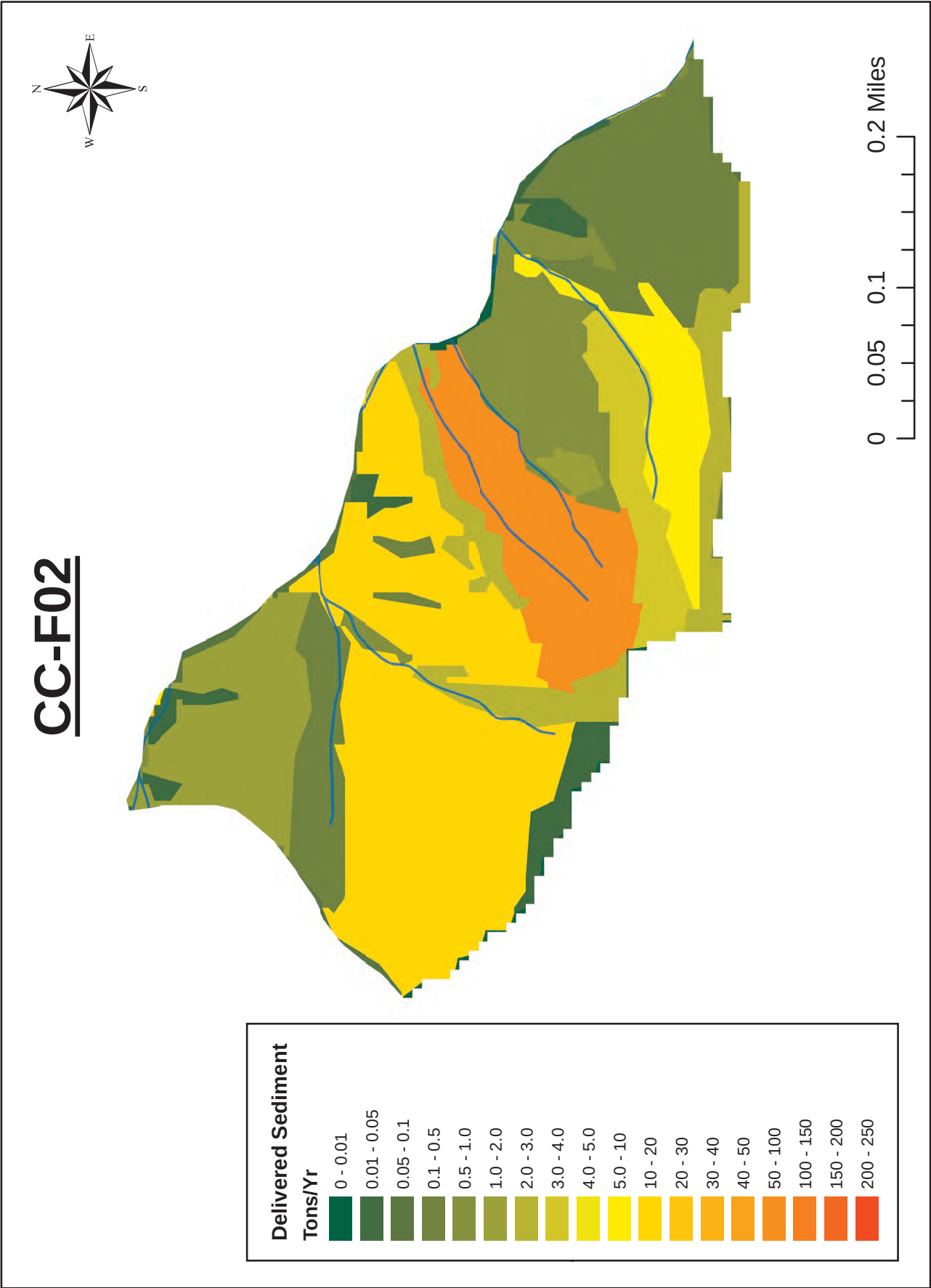


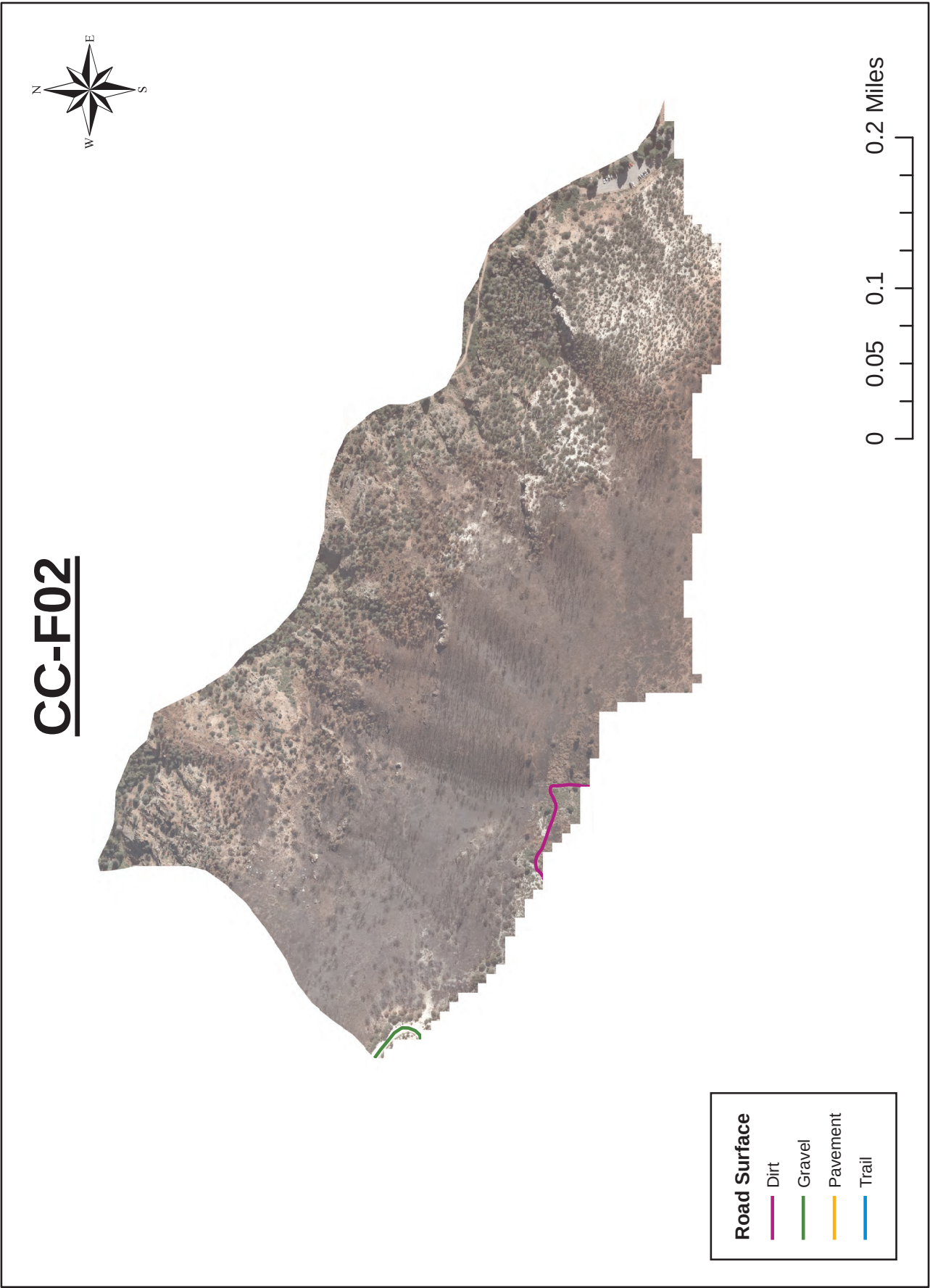


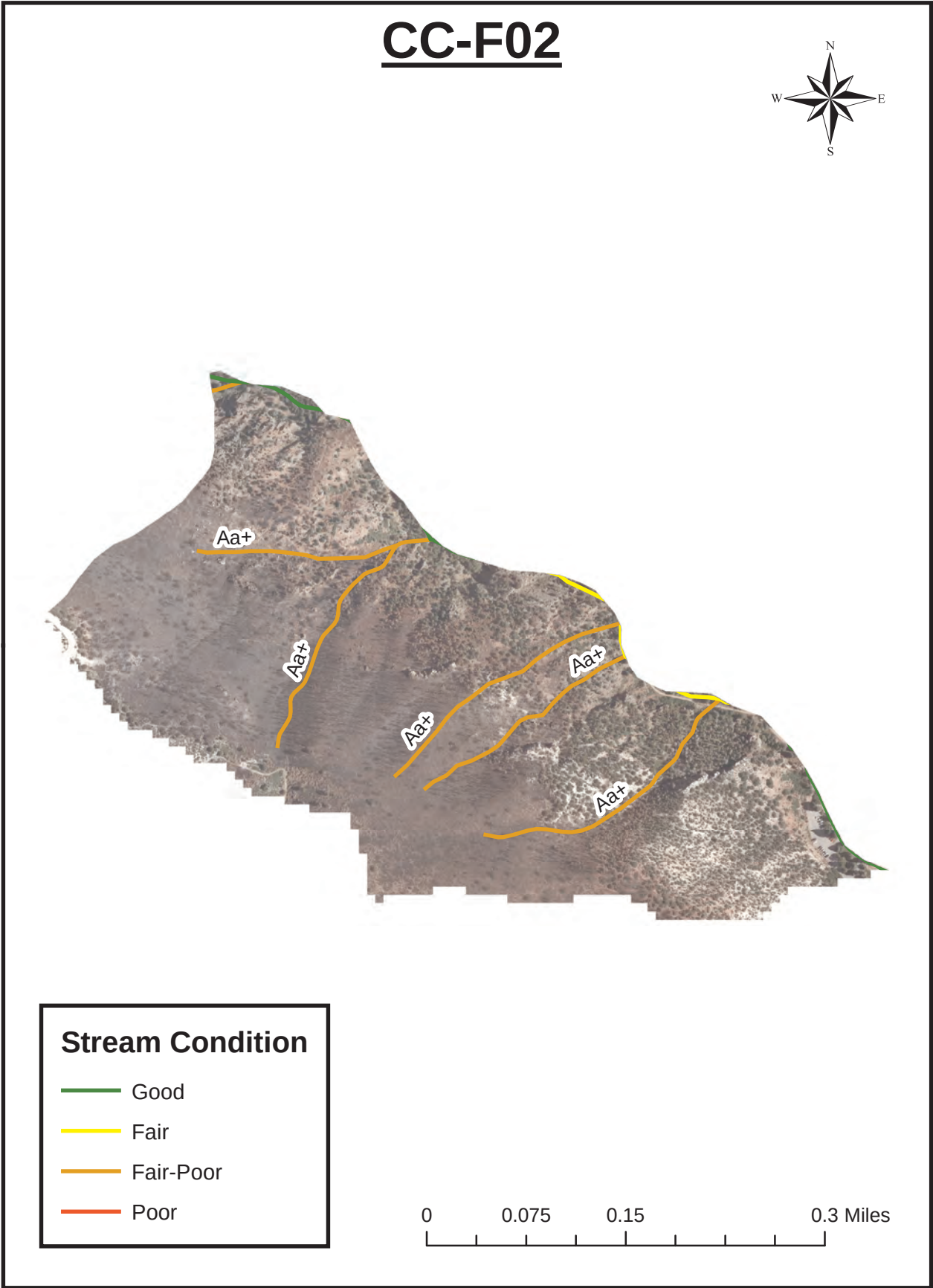


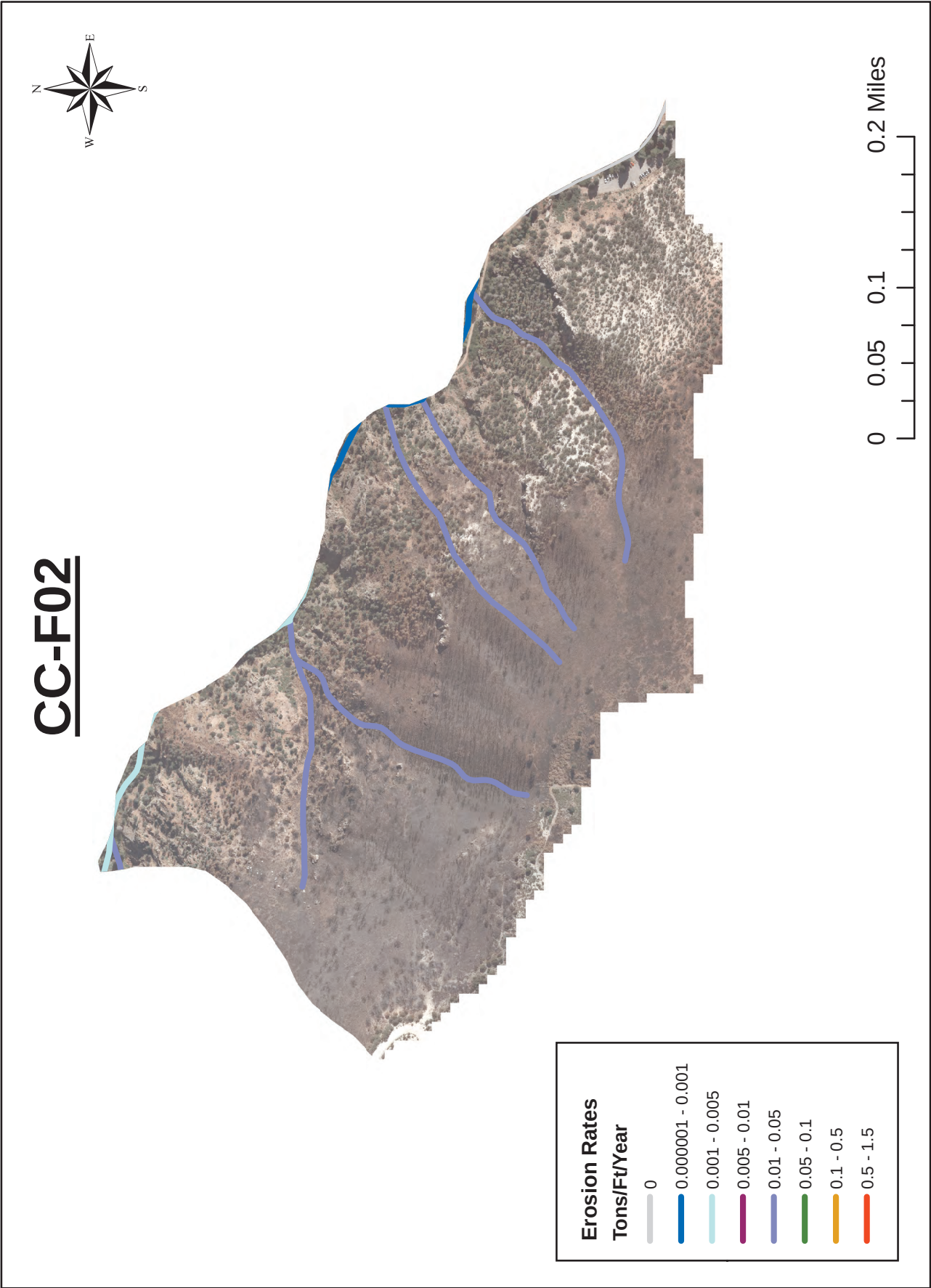
Camp Creek, Sub-Watershed F02 (CC-F02)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F02							
Watershed Characteristics	Drainage Area (mi ²)	0.12		High	Moderate	Low	Unburned				
				Burn Severity (%)	8.0%	37.0%	26.0%	30.0%			
	Drainage Density	7.92									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	Total Erosion (tons/yr)	130				
	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%	0%	
Hillslope Processes	Length of Road (ft)	714		Sediment from Surface Erosion (tons/yr)	113.05						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	113						
Hydrology	Q _{BKF} (cfs)	1.1948		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			130	149	19					
	Flow-Related Sediment (tons/yr)			178	567	388					
Erosion Summary	Total Introduced Sediment (tons/yr)	243		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				130	0	113	324				
	Total Flow Related Sediment (tons/yr)	567		Percent of Total Yield	23%	0%	20%	57%			
☒ Degradation ☐ Aggradation											





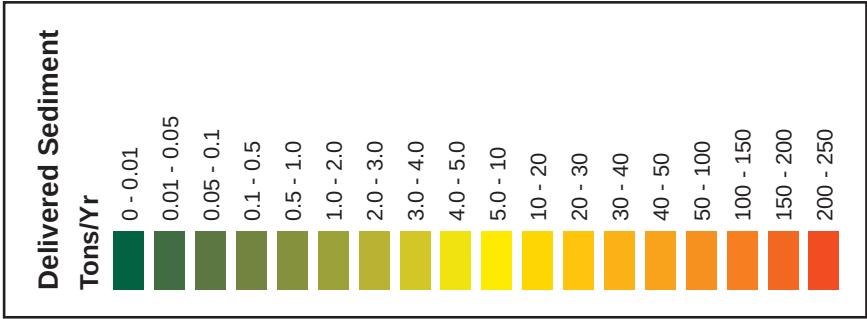
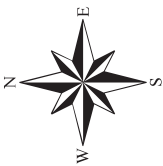


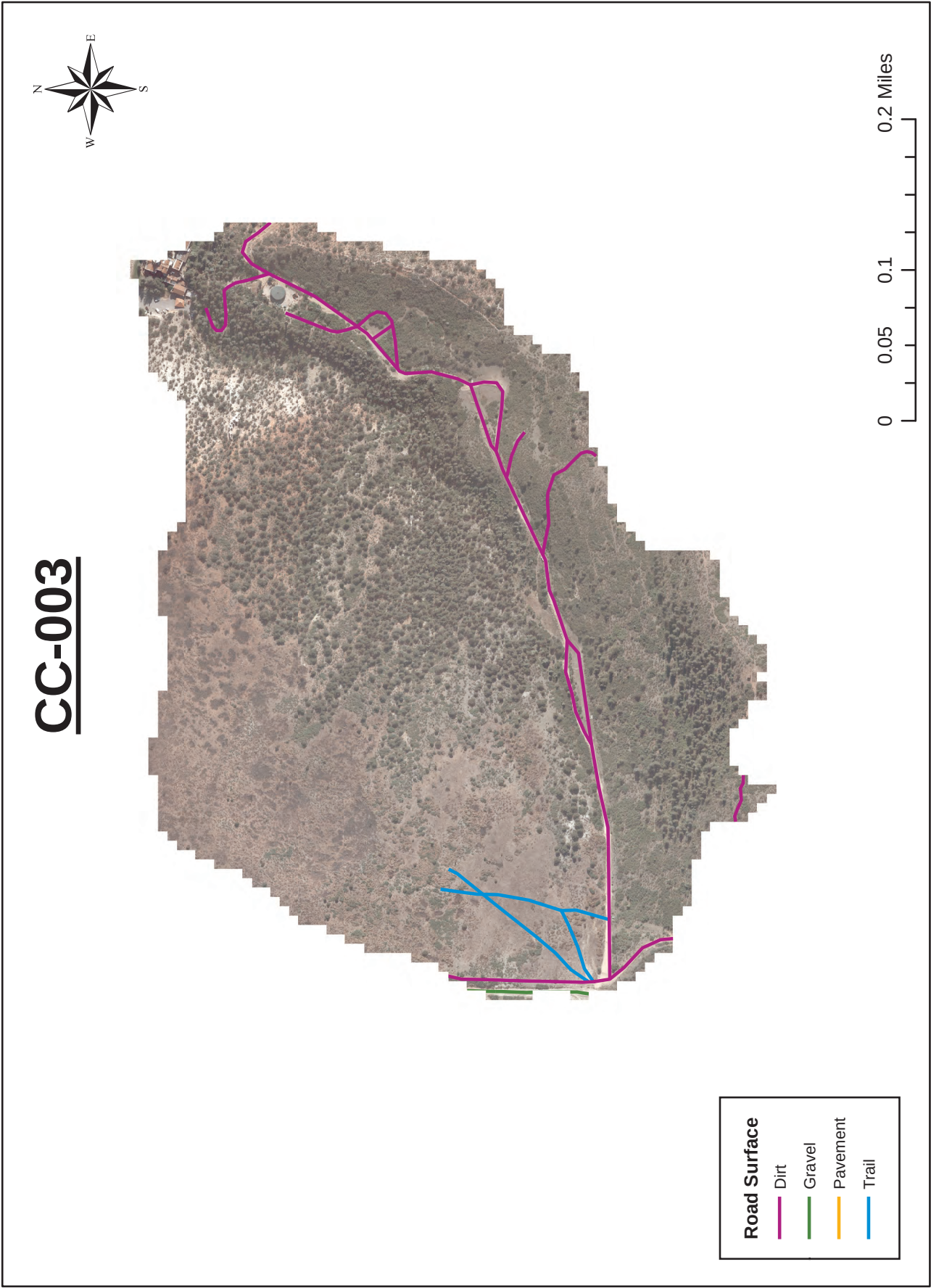


Camp Creek, Sub-Watershed 003 (CC-003)

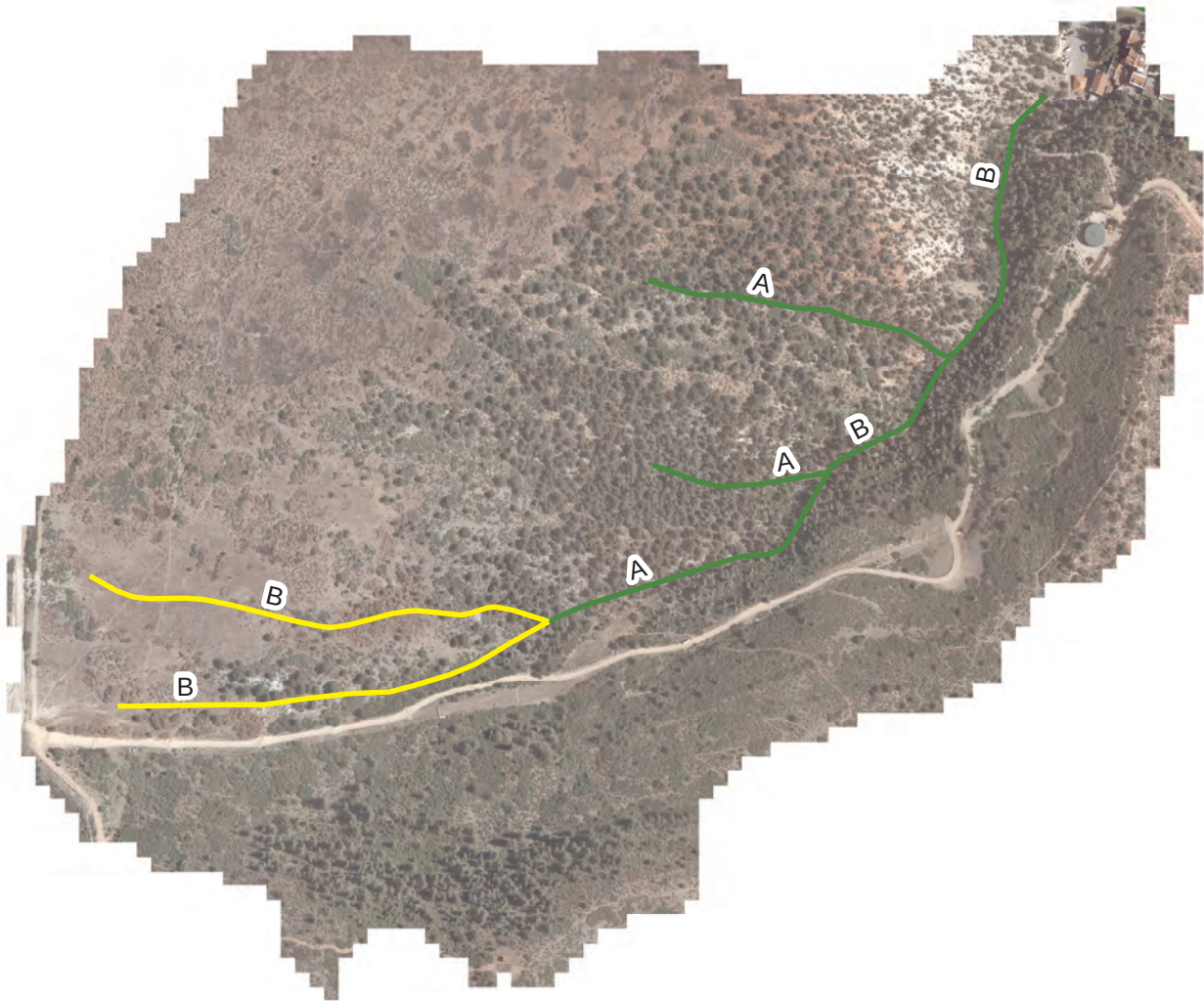
Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-003								
Watershed Characteristics	Drainage Area (mi ²)	0.15		High	Moderate	Low	Unburned					
			Burn Severity (%)	0.0%	2.0%	27.0%	71.0%					
	Drainage Density	6.28										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
			0%	37%	63%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		59%	41%	0%	0%	Total Erosion (tons/yr)	22				
	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%	21%	37%	41%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	6,990		Sediment from Surface Erosion (tons/yr)		1.66						
	Total Sediment from Roads (tons/yr)	183.61		Introduced Sediment Roads & Hillslope (tons/yr)		185						
Hydrology	Q _{BKF} (cfs)		1.366	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		148	154	6							
	Flow-Related Sediment (tons/yr)		12	13	1							
Erosion Summary	Total Introduced Sediment (tons/yr)	207		Banks	Roads	Surface Erosion	Streambed					
			Sediment (tons/yr)	22	184	2	-194					
	Total Flow Related Sediment (tons/yr)	13		Percent of Total Yield	N/A	N/A	N/A					
				N/A	N/A	N/A	N/A					
		☐ Degradation		☒ Aggradation								

CC-003



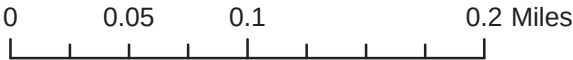


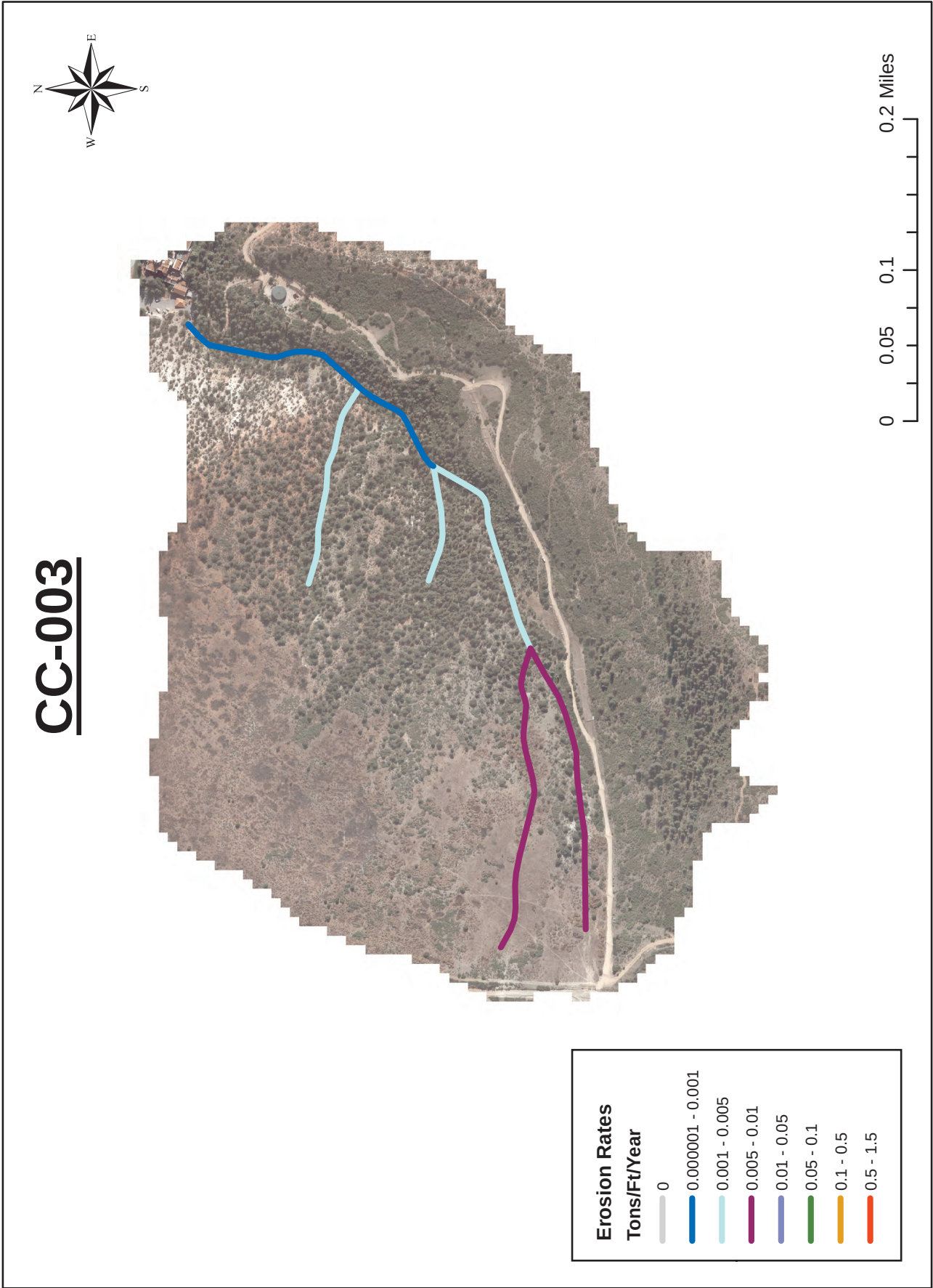
CC-003



Stream Condition

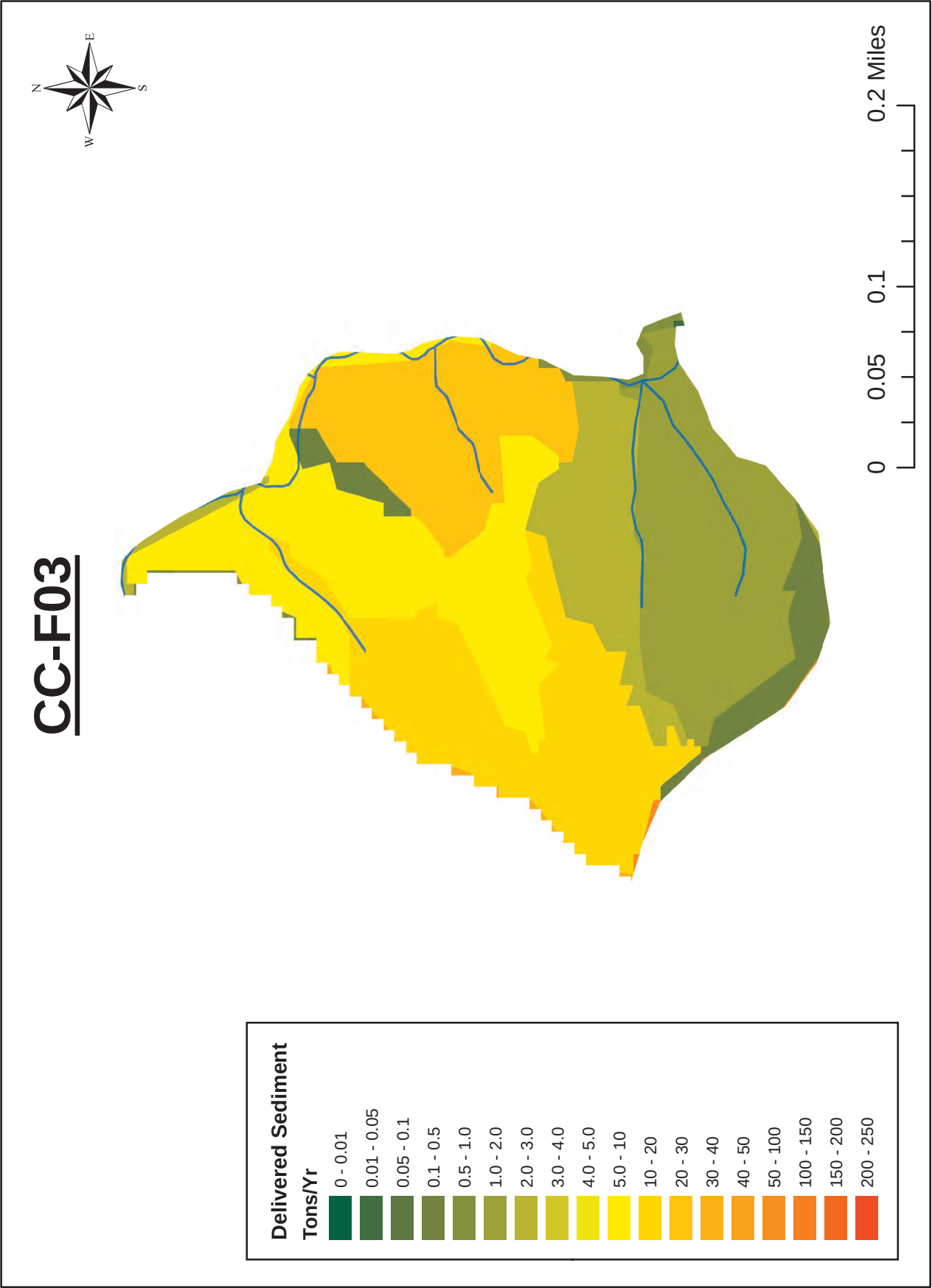
- Good
- Fair
- Fair-Poor
- Poor

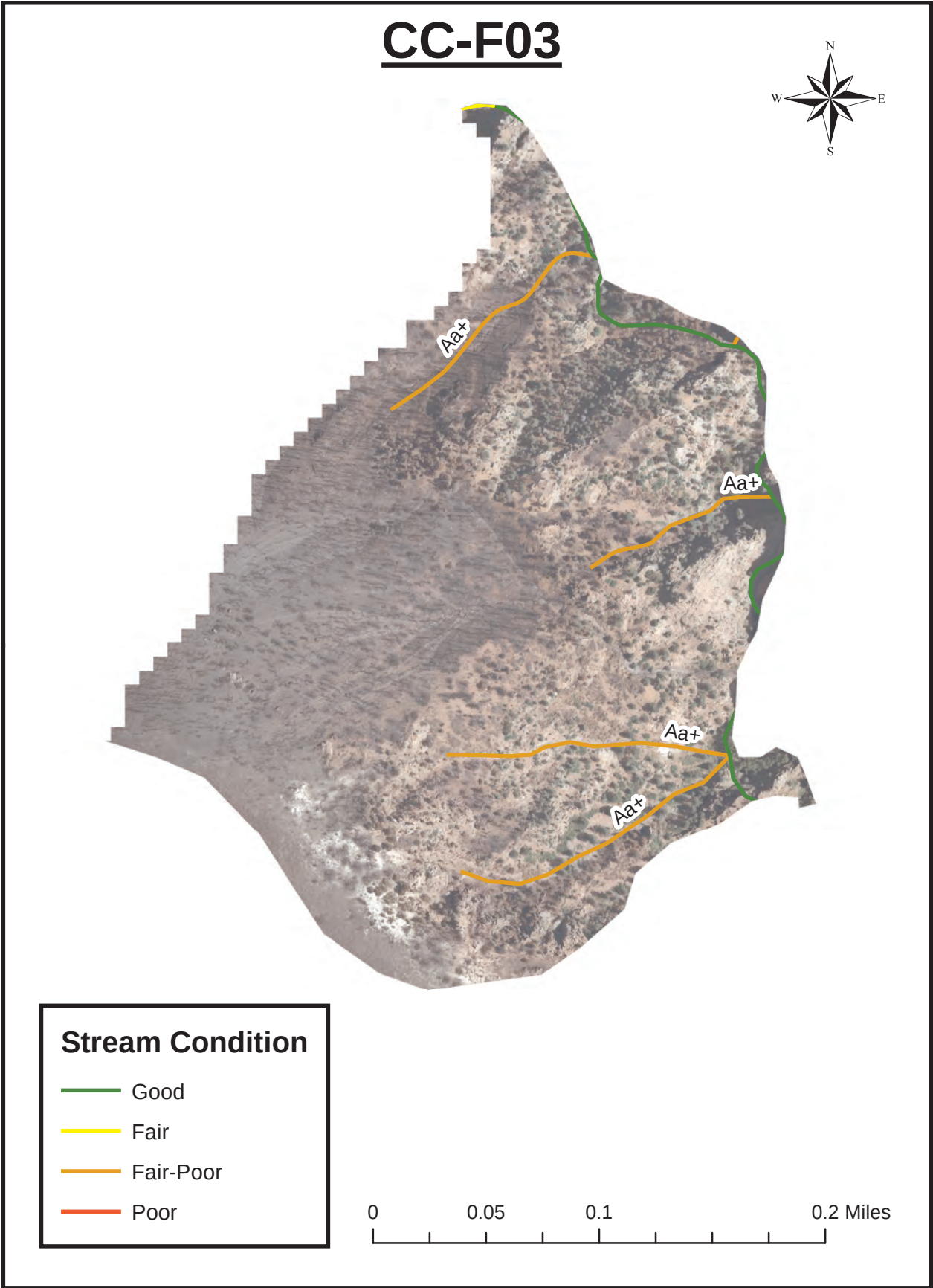


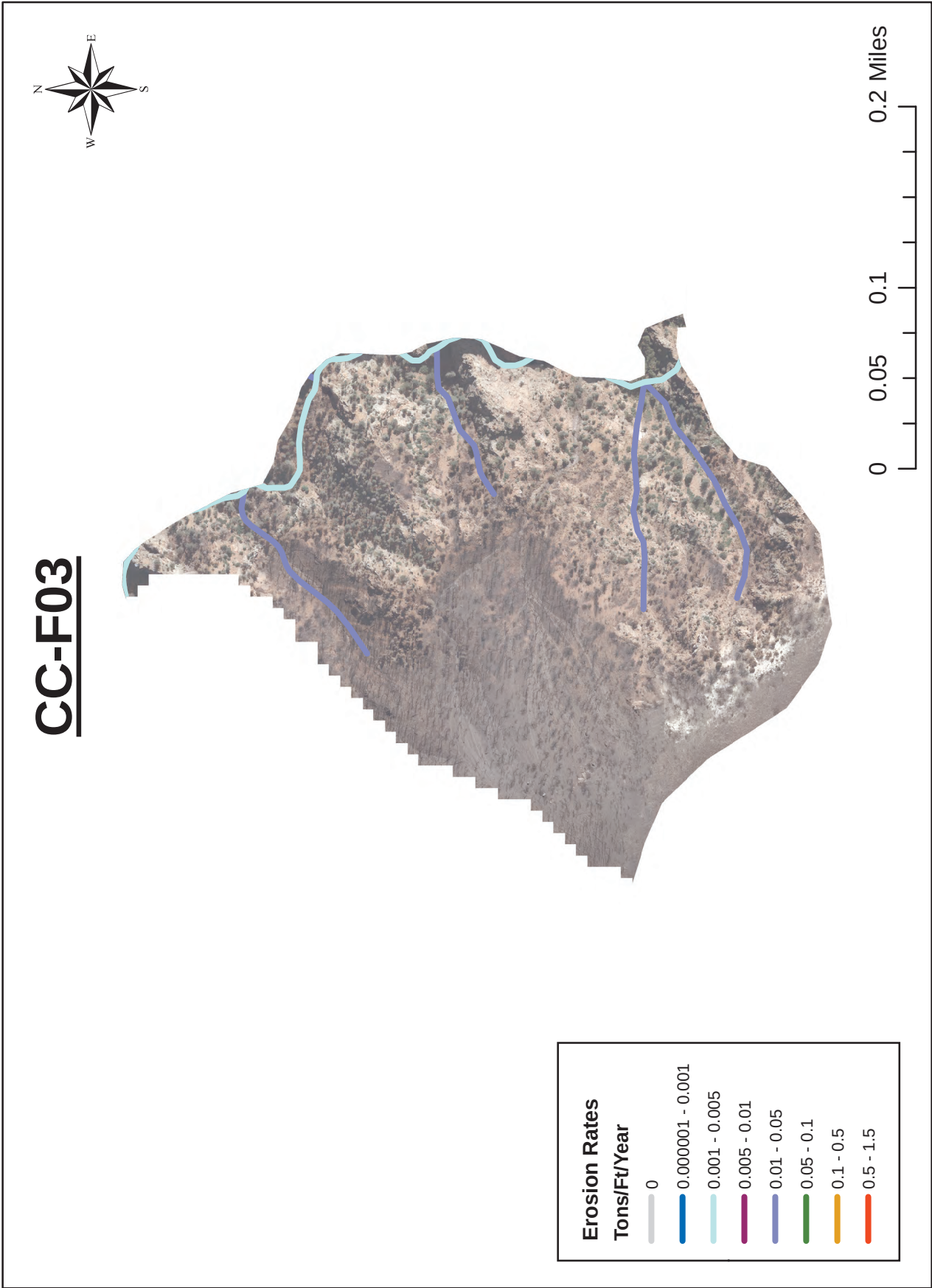


Camp Creek, Sub-Watershed F03 (CC-F03)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F03							
Watershed Characteristics	Drainage Area (mi ²)	0.07		High	Moderate	Low	Unburned				
				Burn Severity (%)	7.0%	35.0%	45.0%	13.0%			
	Drainage Density	7.17									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	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%	100%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	80.20						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	80						
Hydrology		Q _{BKF} (cfs)	0.7837	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	85		100	15						
	Flow-Related Sediment (tons/yr)	9		403	394						
Erosion Summary	Total Introduced Sediment (tons/yr)	142		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				62	0	80	261				
	Total Flow Related Sediment (tons/yr)	403		Percent of Total Yield	15%	0%	20%	65%			
		☒ Degradation		☐ Aggradation							

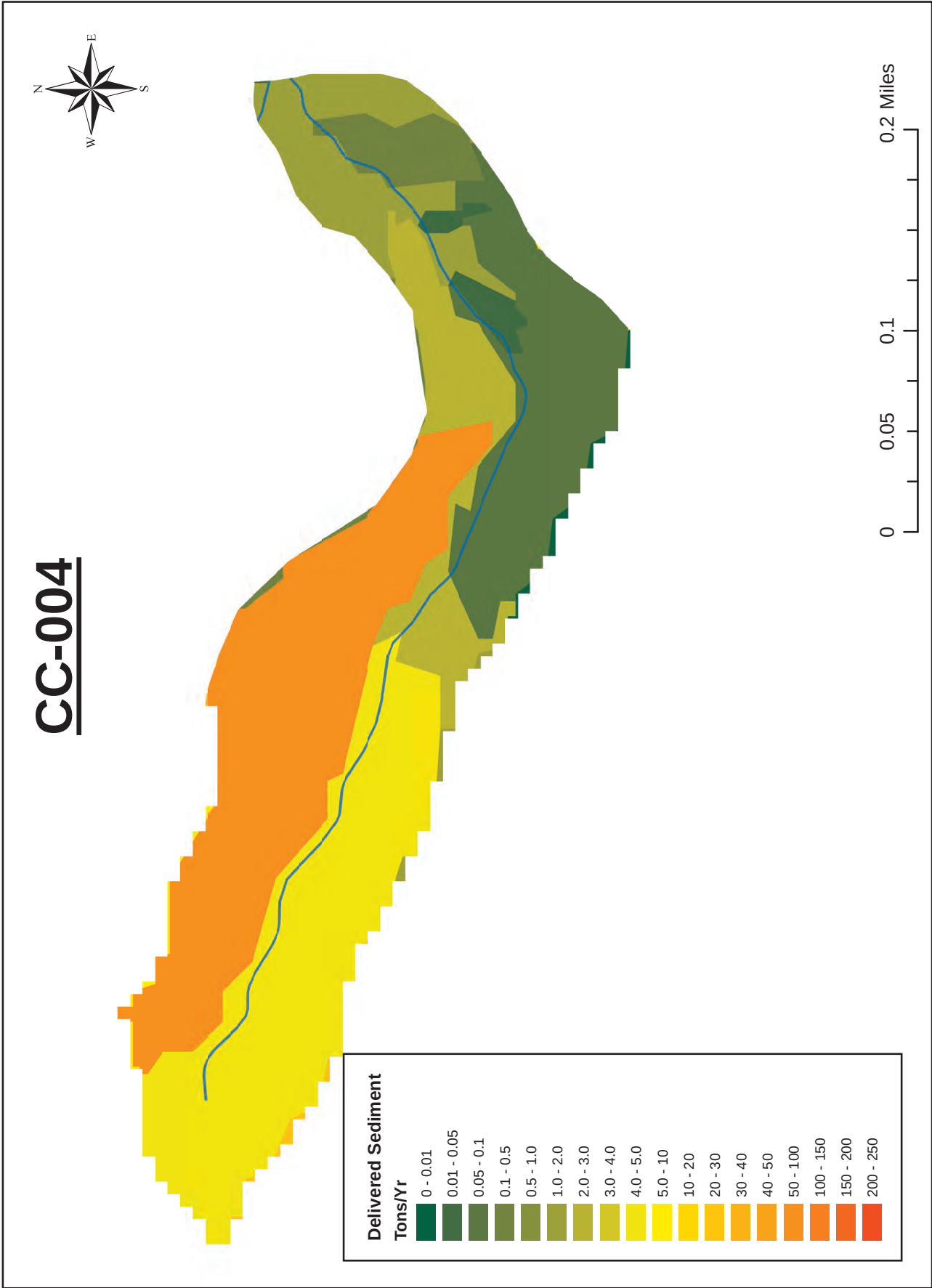






Camp Creek, Sub-Watershed 004 (CC-004)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-004							
Watershed Characteristics	Drainage Area (mi ²)	0.06		High	Moderate	Low	Unburned				
				Burn Severity (%)	23.0%	42.0%	27.0%	8.0%			
	Drainage Density	10.84									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	Total Erosion (tons/yr)	82				
	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%	0%	
Hillslope Processes	Length of Road (ft)	2,074		Sediment from Surface Erosion (tons/yr)	72.64						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	73						
Hydrology	Q _{BKF} (cfs)	0.717		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			78	89	11					
	Flow-Related Sediment (tons/yr)			9	354	345					
Erosion Summary	Total Introduced Sediment (tons/yr)	154		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				82	0	73	199				
	Total Flow Related Sediment (tons/yr)	354		Percent of Total Yield	23%	0%	21%	56%			
☒ Degradation ☐ Aggradation											



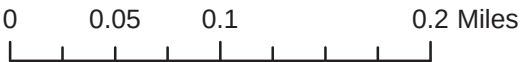


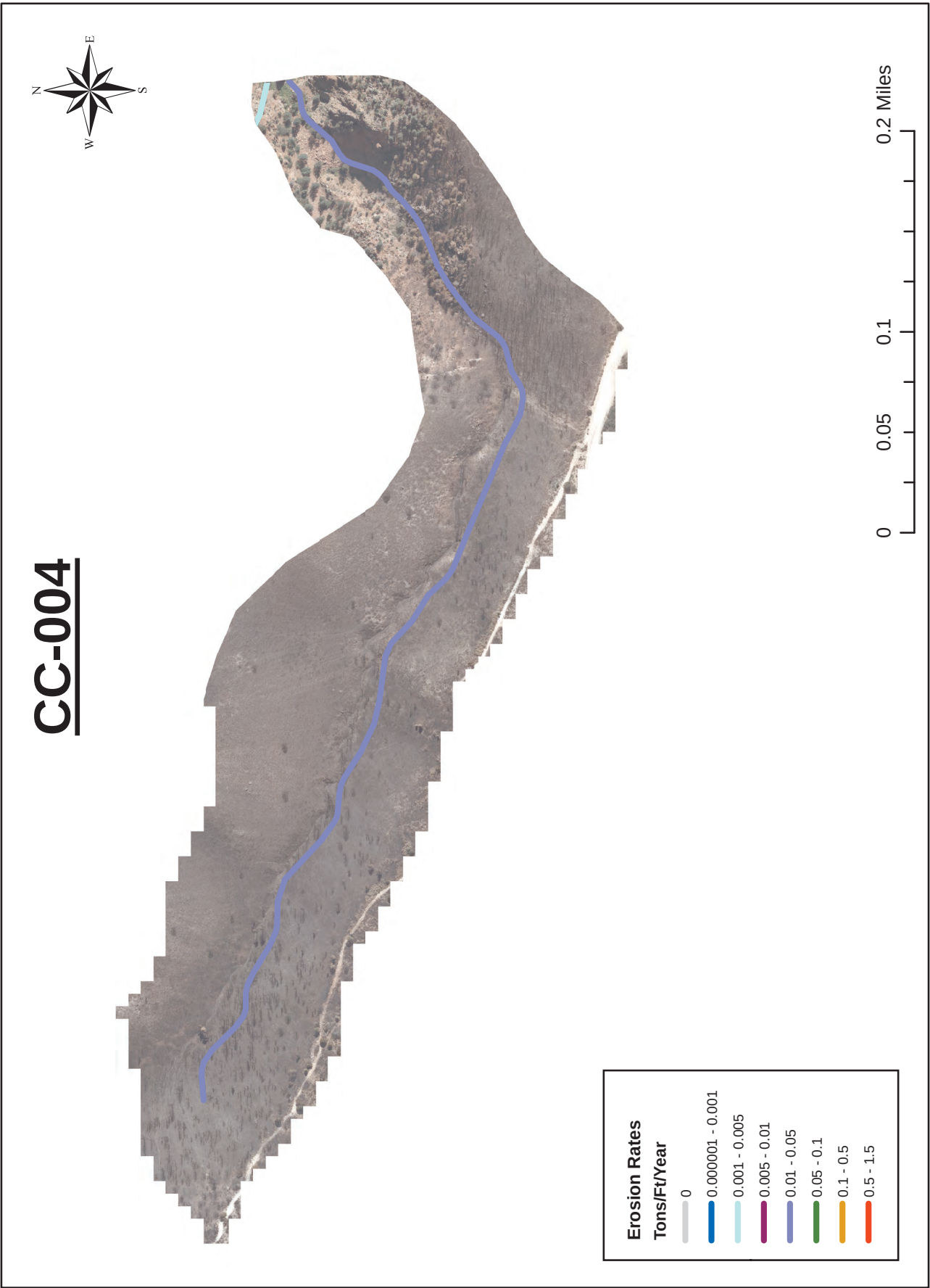
CC-004



Stream Condition

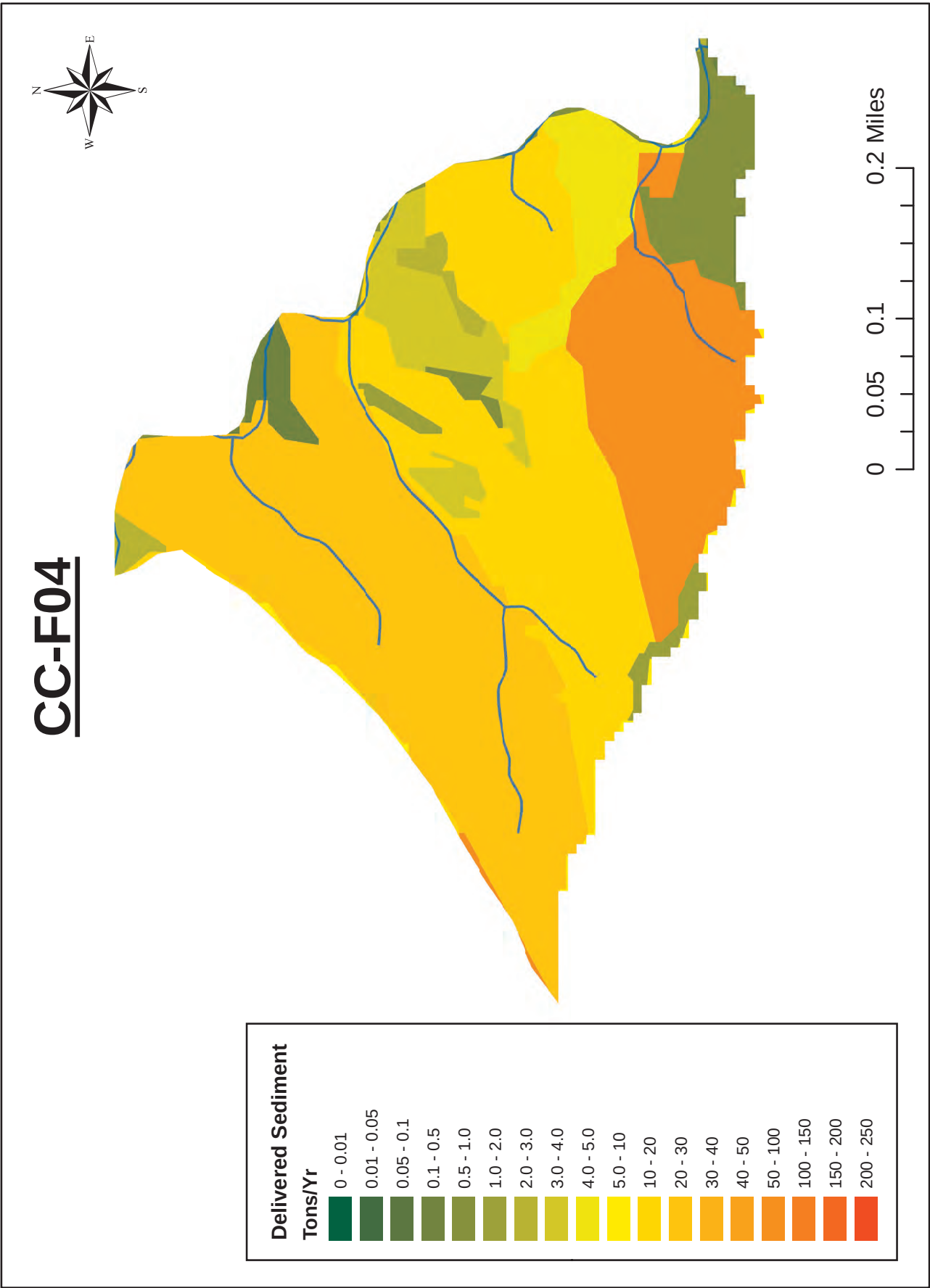
- Good
- Fair
- Fair-Poor
- Poor

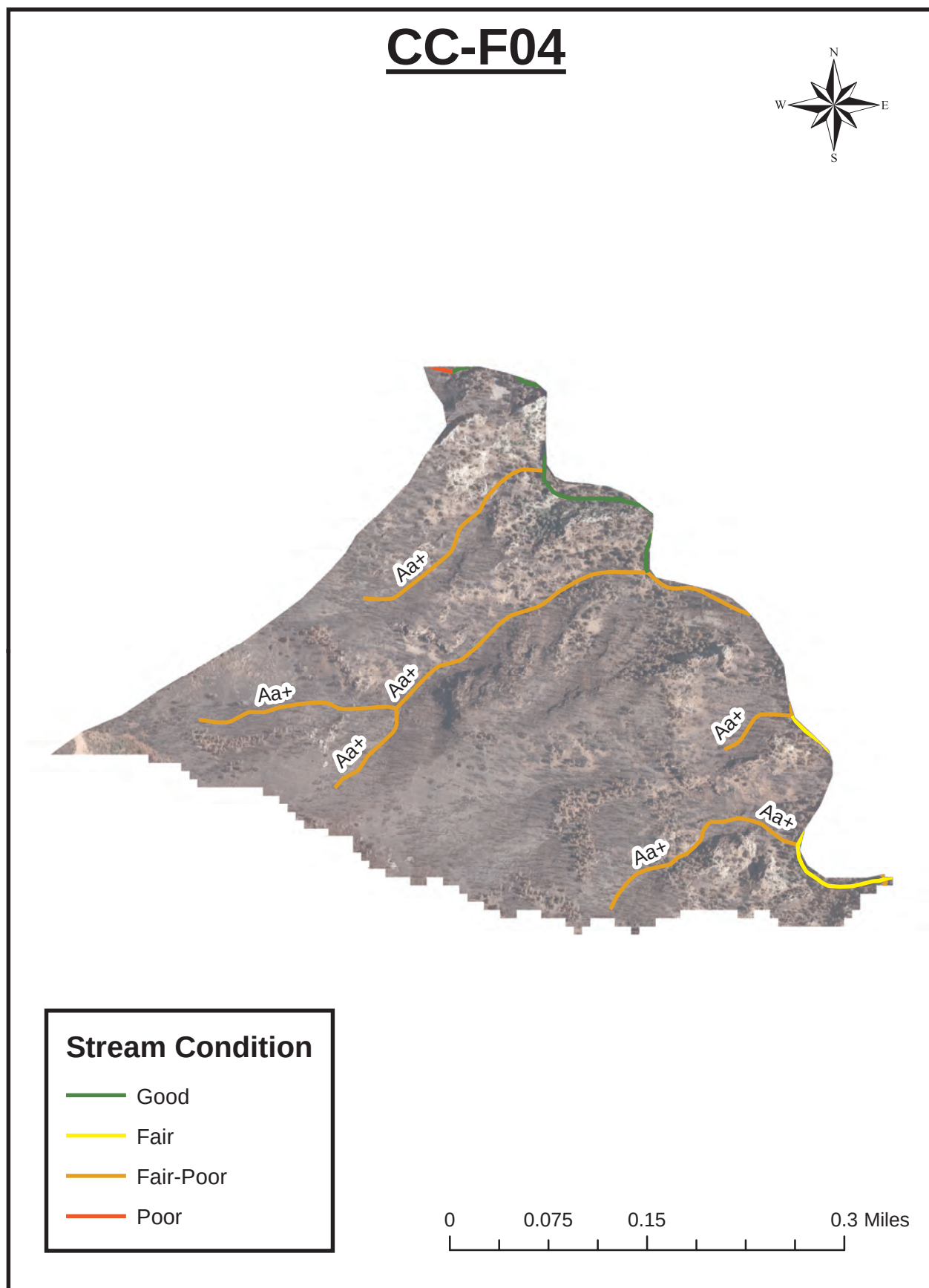


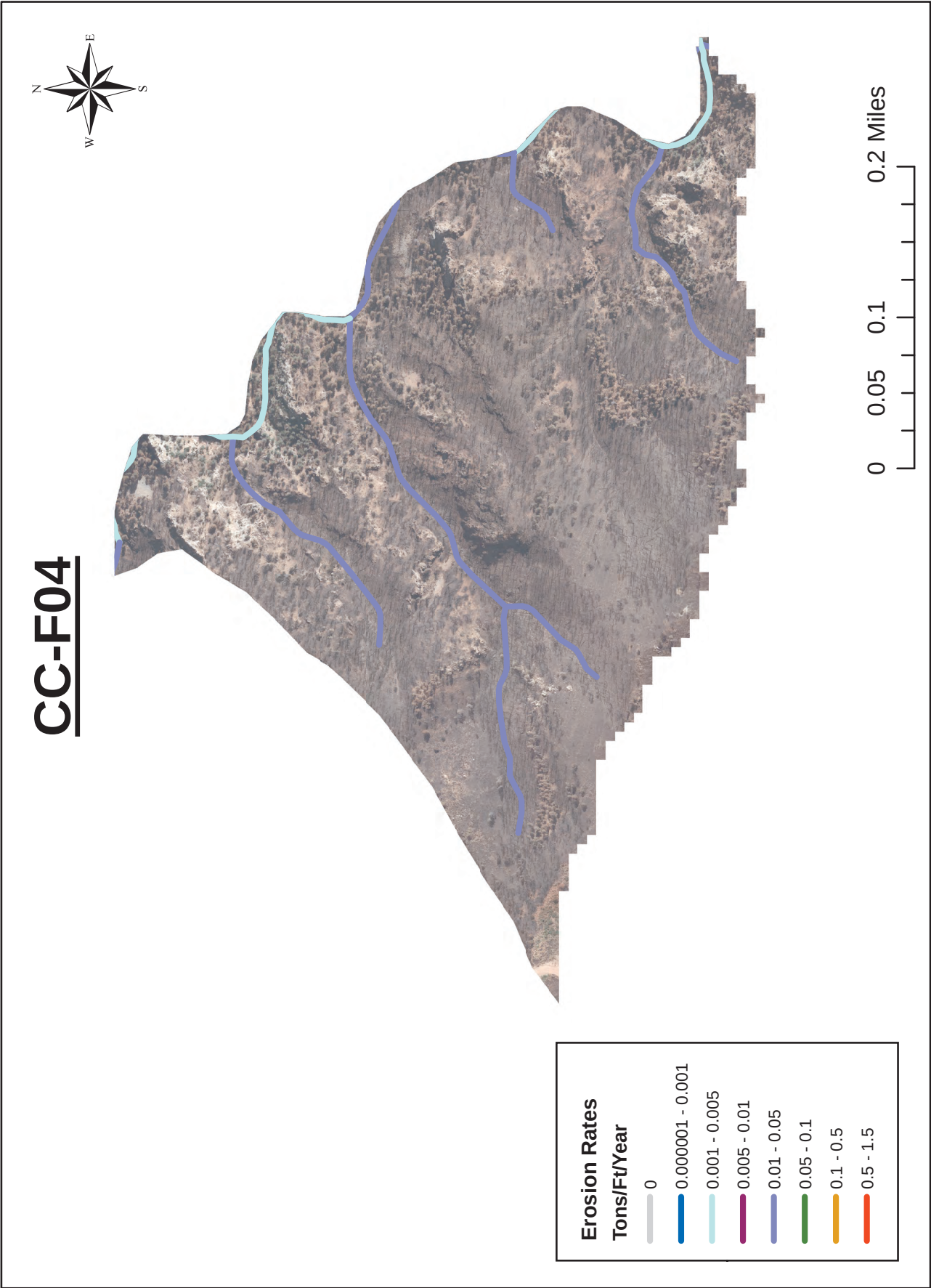


Camp Creek, Sub-Watershed F04 (CC-F04)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F04							
Watershed Characteristics	Drainage Area (mi ²)	0.13		High	Moderate	Low	Unburned				
				Burn Severity (%)	7.0%	71.0%	21.0%	1.0%			
	Drainage Density	6.87									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor			Total Erosion (tons/yr)	116		
	Percent of Stream Conditions	0%	0%	100%	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%	0%	
Hillslope Processes	Length of Road (ft)	80		Sediment from Surface Erosion (tons/yr)		251.75					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		252					
Hydrology		Q _{BKF} (cfs)	1.2213	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			133	176	43					
	Flow-Related Sediment (tons/yr)			11	725	714					
Erosion Summary	Total Introduced Sediment (tons/yr)	368		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					116	0	252	357			
	Total Flow Related Sediment (tons/yr)	725		Percent of Total Yield	16%	0%	35%	49%			
		☒ Degradation		☐ Aggradation							



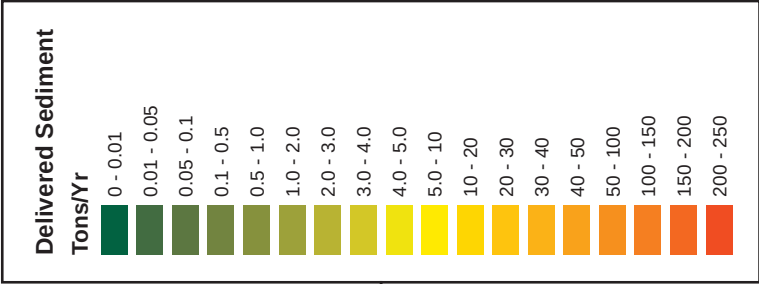
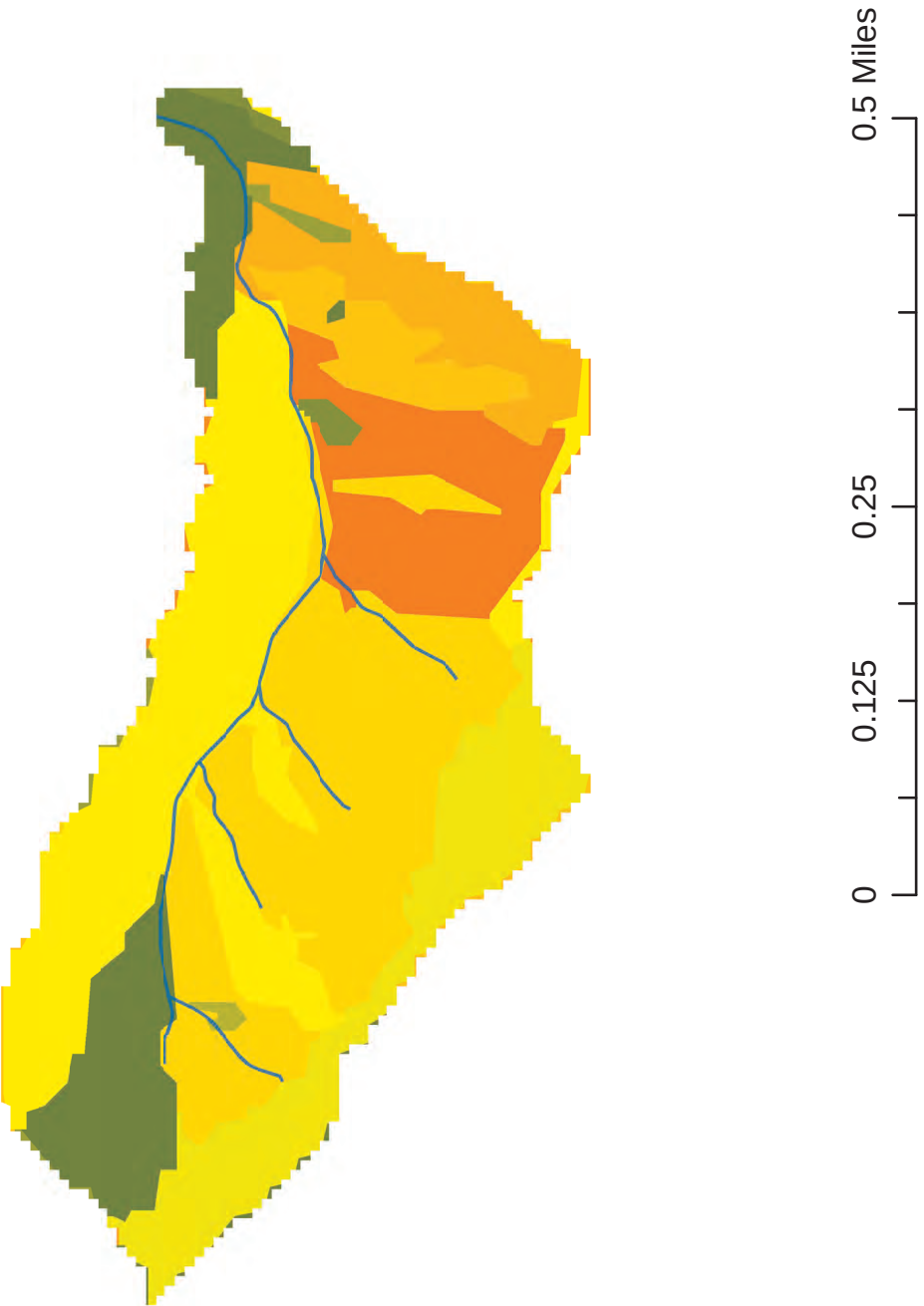
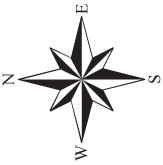


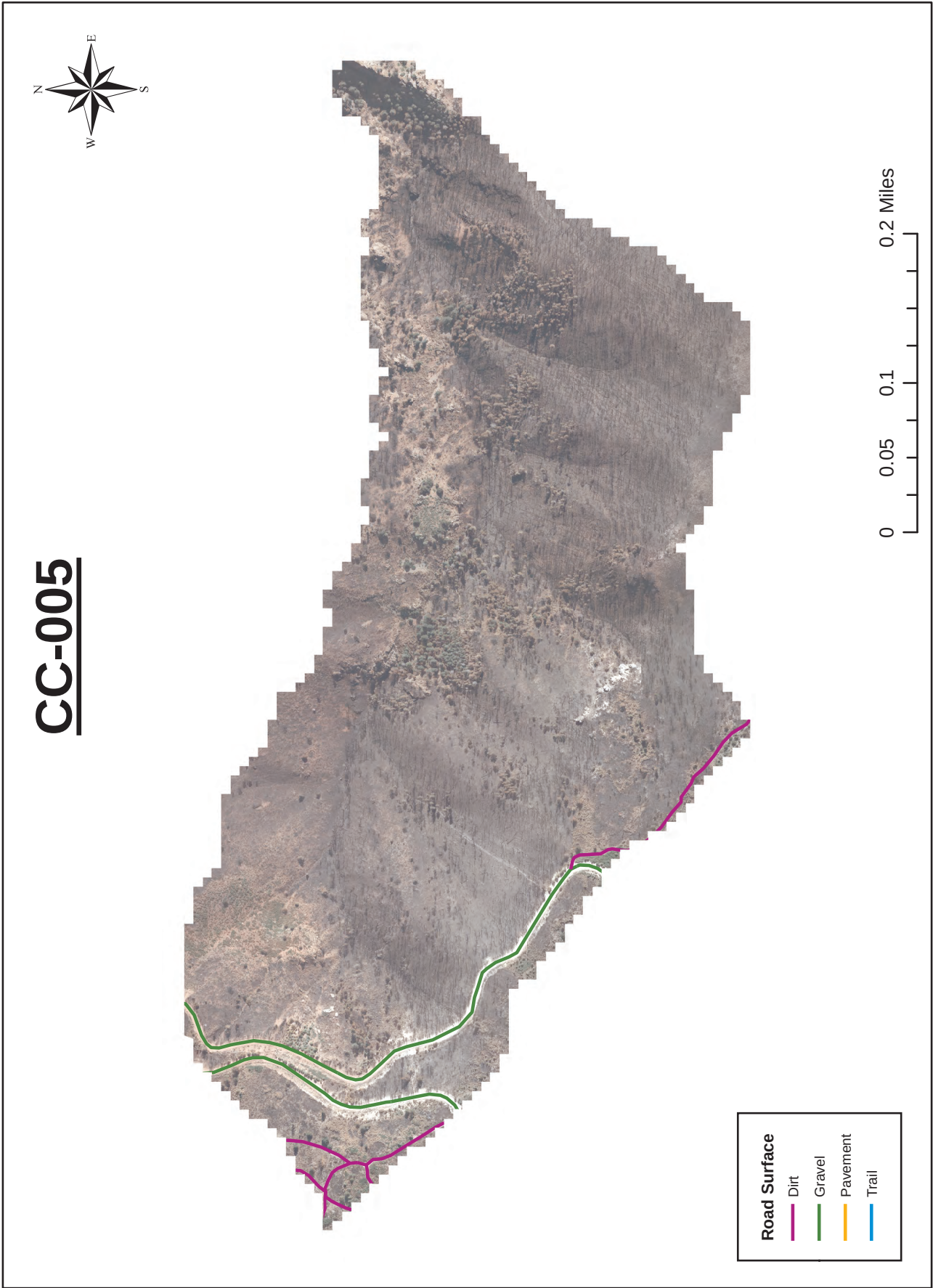


Camp Creek, Sub-Watershed 005 (CC-005)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-005							
Watershed Characteristics	Drainage Area (mi ²)	0.16		High	Moderate	Low	Unburned				
				Burn Severity (%)	16.0%	58.0%	25.0%	2.0%			
	Drainage Density	6.95									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	Total Erosion (tons/yr)	147				
	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%	0%	
Hillslope Processes	Length of Road (ft)	4,831		Sediment from Surface Erosion (tons/yr)	275.68						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	276						
Hydrology		Q _{BKF} (cfs)	1.4129	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	153		198	45						
	Flow-Related Sediment (tons/yr)	12		793	781						
Erosion Summary	Total Introduced Sediment (tons/yr)	423		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				147	0	276	370				
	Total Flow Related Sediment (tons/yr)	793		Percent of Total Yield	19%	0%	35%	47%			
☒ Degradation ☐ Aggradation											

CC-005



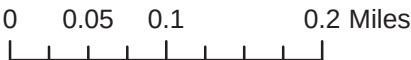


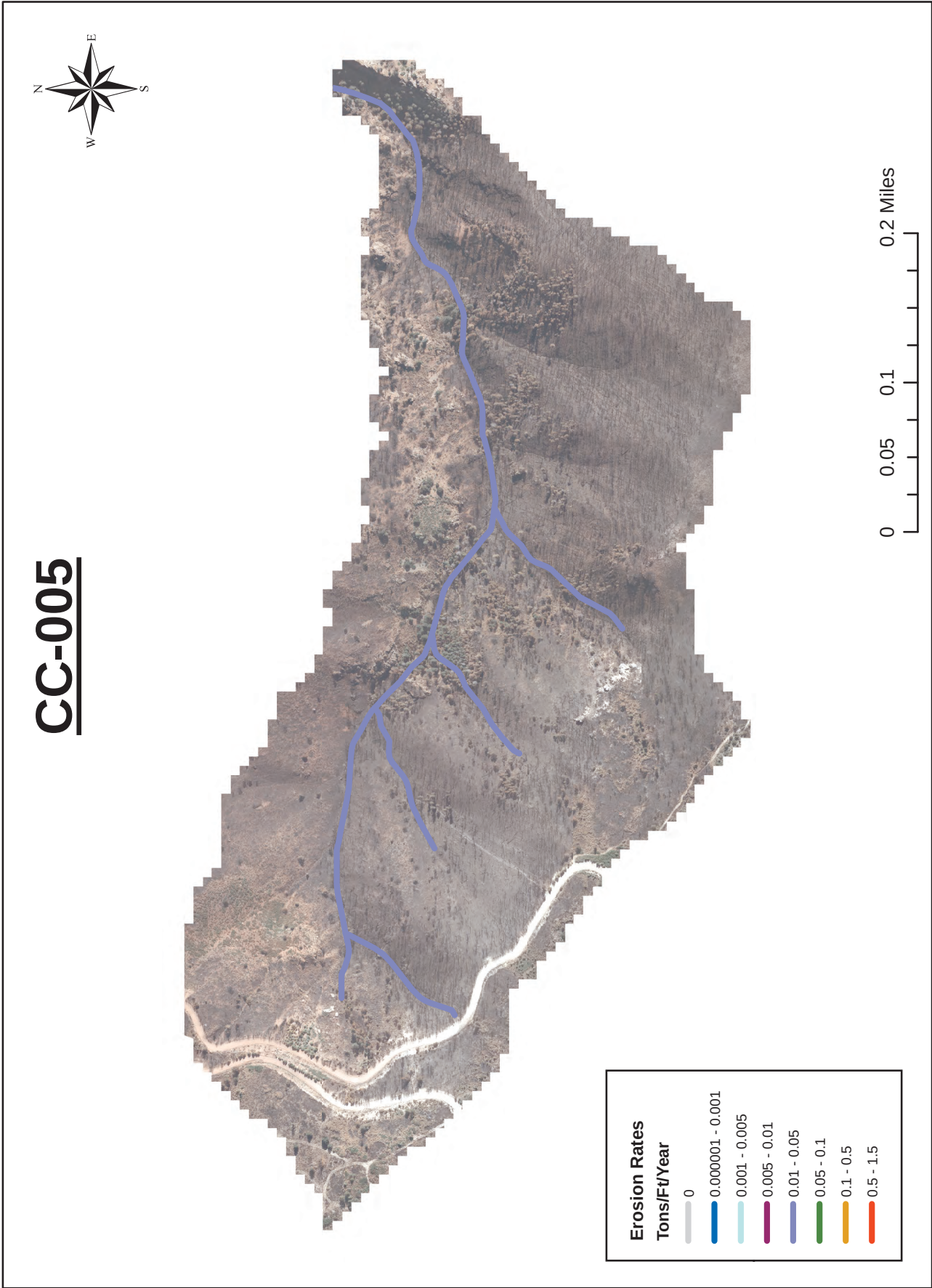
CC-005



Stream Condition

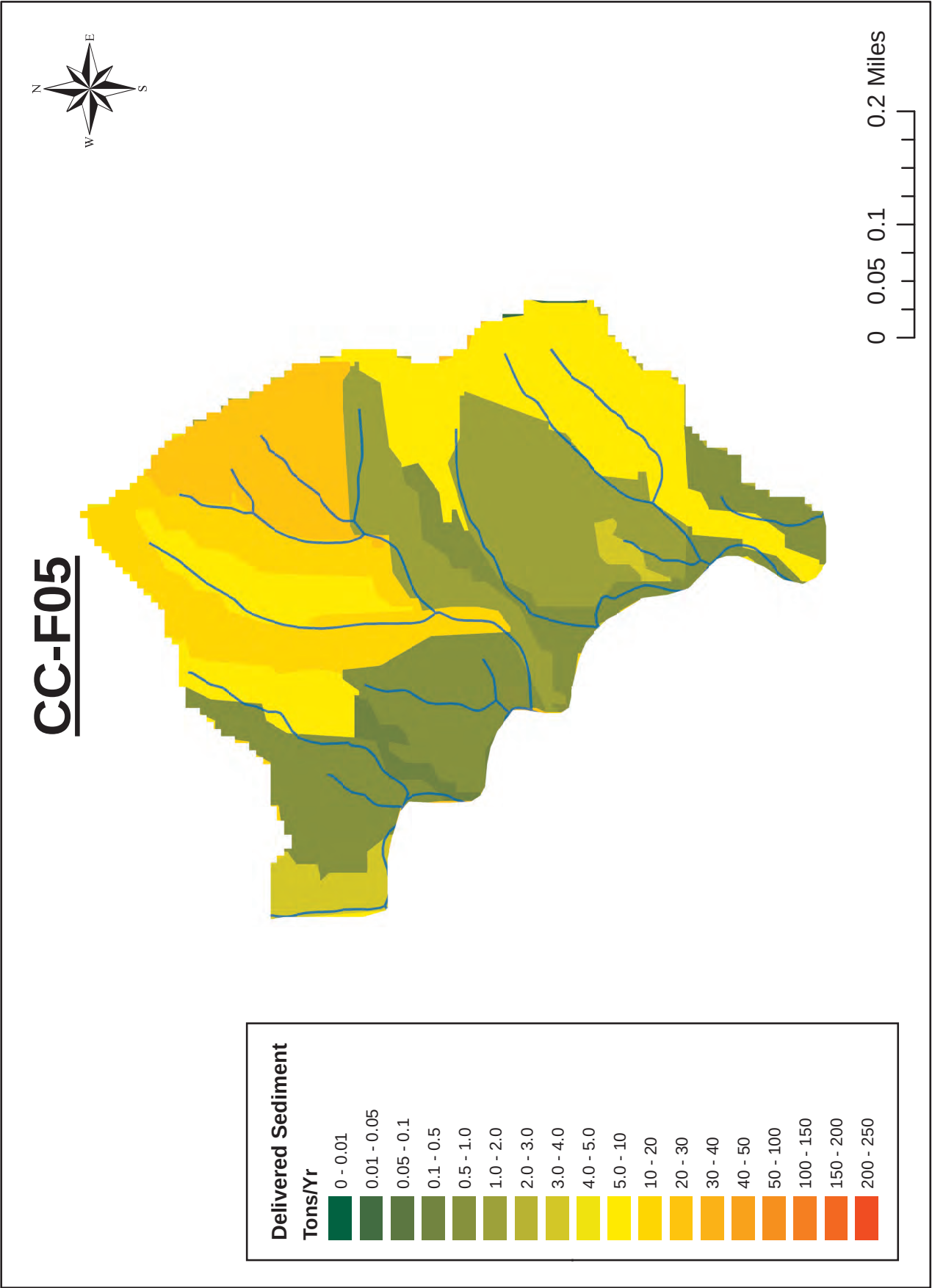
- Good
- Fair
- Fair-Poor
- Poor

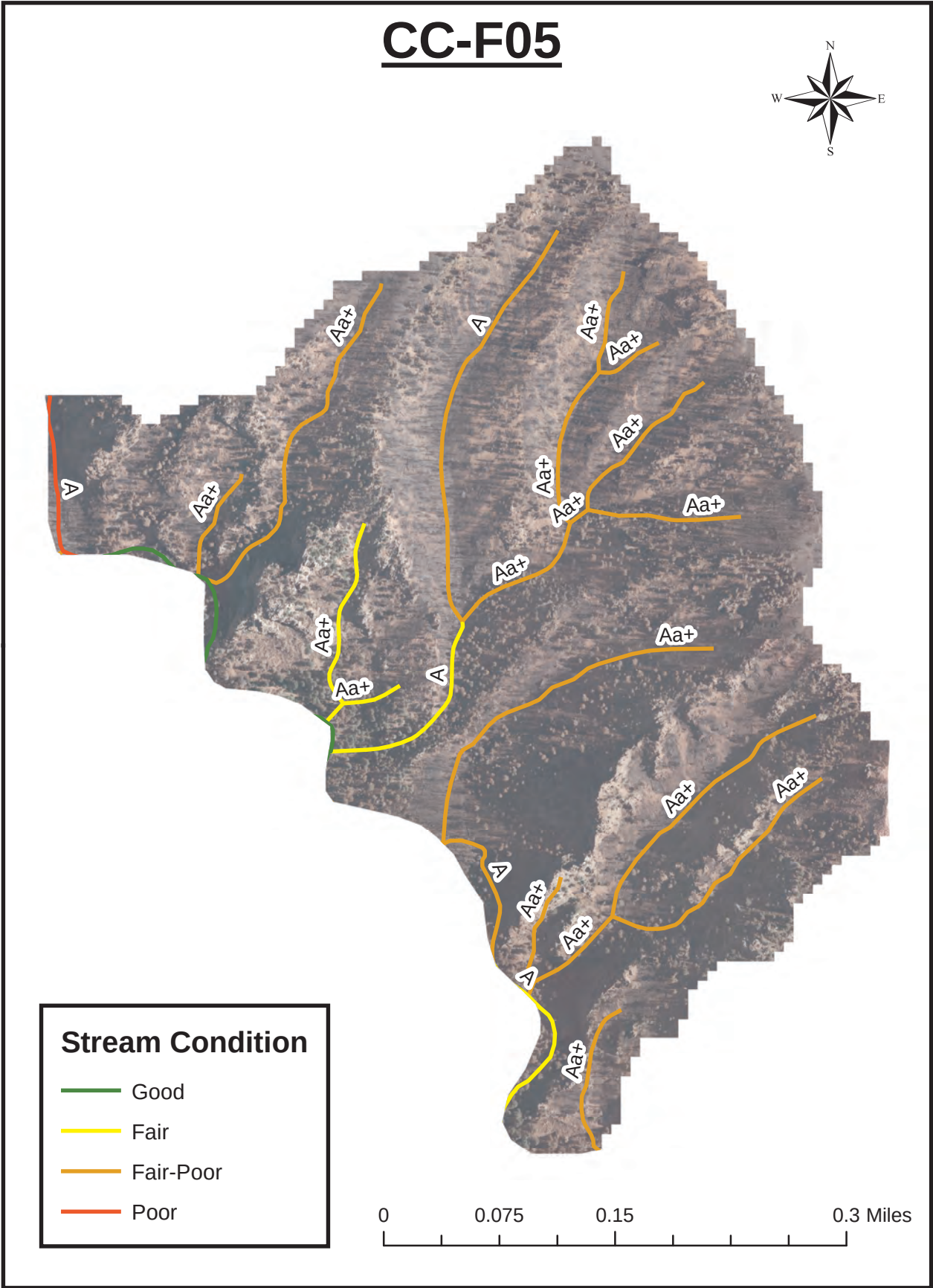


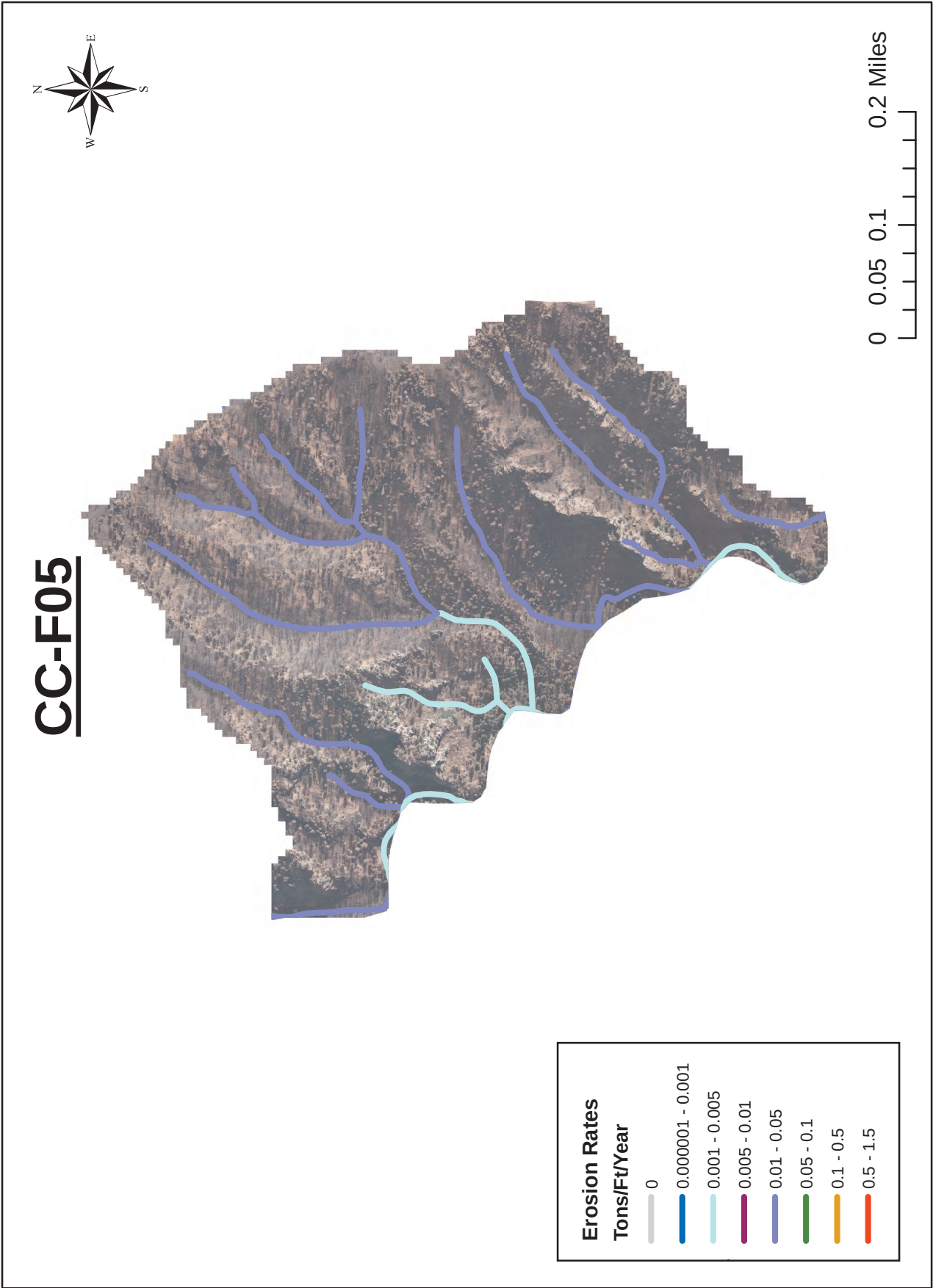


Camp Creek, Sub-Watershed F05 (CC-F05)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F05							
Watershed Characteristics	Drainage Area (mi ²)	0.18		High	Moderate	Low	Unburned				
				Burn Severity (%)	1.0%	40.0%	58.0%	0.0%			
	Drainage Density	13.17									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		82%	18%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	14%	86%	0%	Total Erosion (tons/yr)	274				
	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%	14%	0%	86%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	110.05						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	110						
Hydrology		Q _{BKF} (cfs)	1.5102	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	164		210	46						
	Flow-Related Sediment (tons/yr)	12		830	818						
Erosion Summary	Total Introduced Sediment (tons/yr)	384		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				274	0	110	446				
	Total Flow Related Sediment (tons/yr)	830		Percent of Total Yield	33%	0%	13%	54%			
		☒ Degradation		☐ Aggradation							

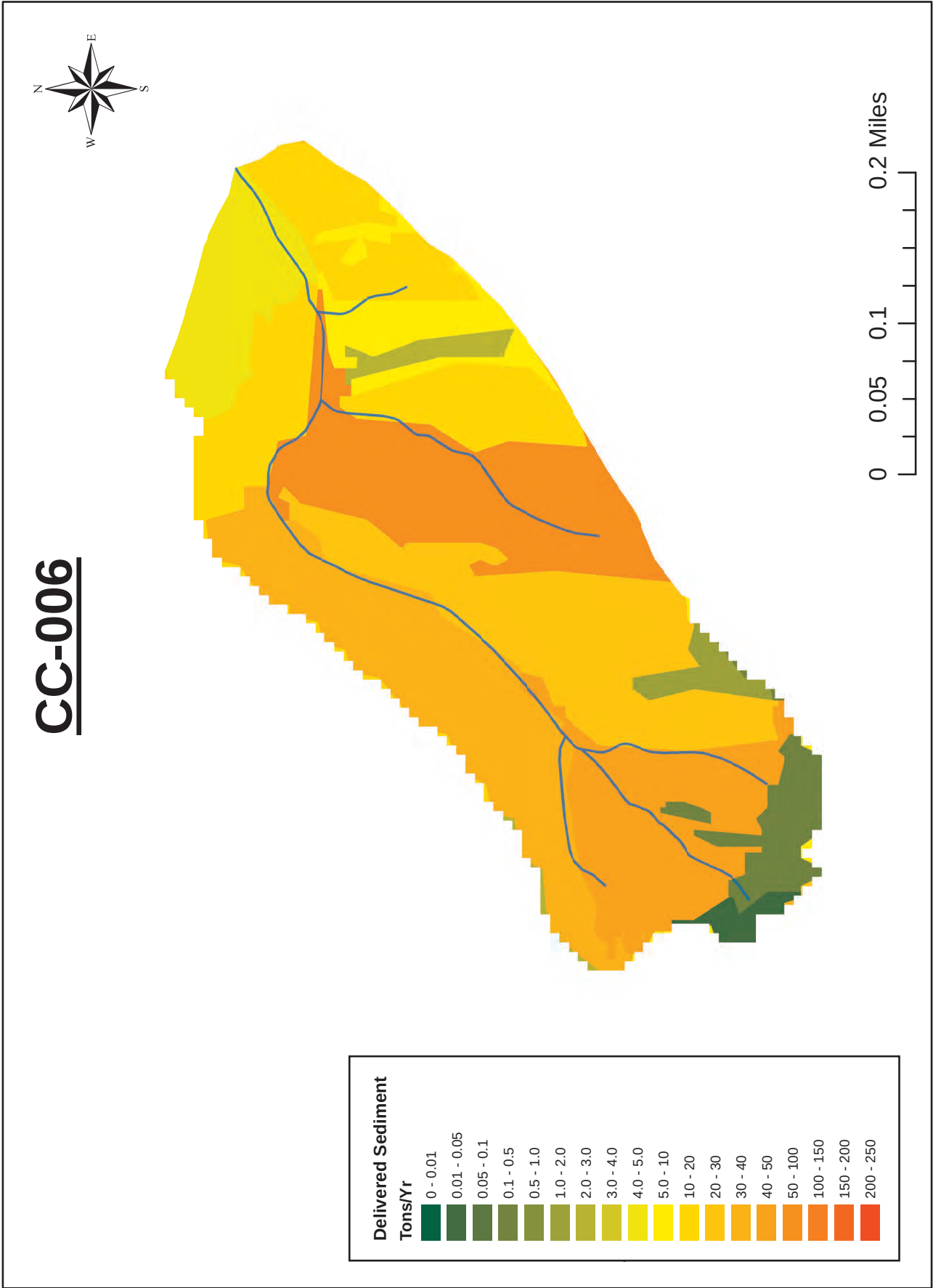


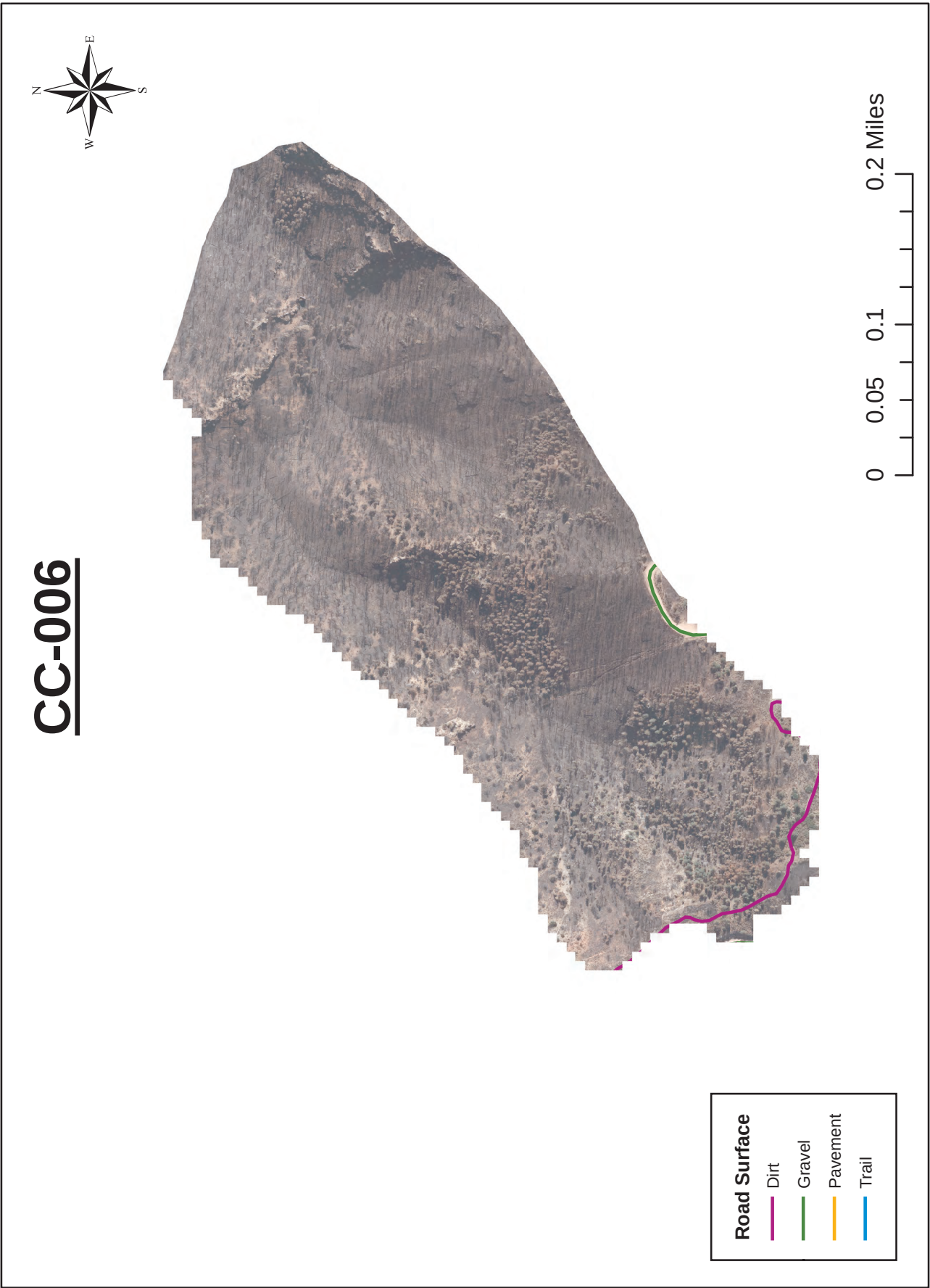




Camp Creek, Sub-Watershed 006 (CC-006)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-006							
Watershed Characteristics	Drainage Area (mi ²)	0.11		High	Moderate	Low	Unburned				
				Burn Severity (%)	5.0%	82.0%	12.0%	1.0%			
	Drainage Density	10.44									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		86%	14%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	Total Erosion (tons/yr)	158				
	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%	0%	
Hillslope Processes	Length of Road (ft)	1,473		Sediment from Surface Erosion (tons/yr)	160.02						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	160						
Hydrology		Q _{BKF} (cfs)	1.1326	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			123	162	39					
	Flow-Related Sediment (tons/yr)			11	668	657					
Erosion Summary	Total Introduced Sediment (tons/yr)	318		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				158	0	160	350				
	Total Flow Related Sediment (tons/yr)	668		Percent of Total Yield	24%	0%	24%	52%			
				☒ Degradation		☐ Aggradation					



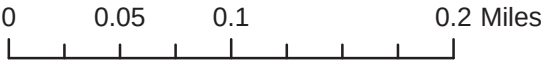


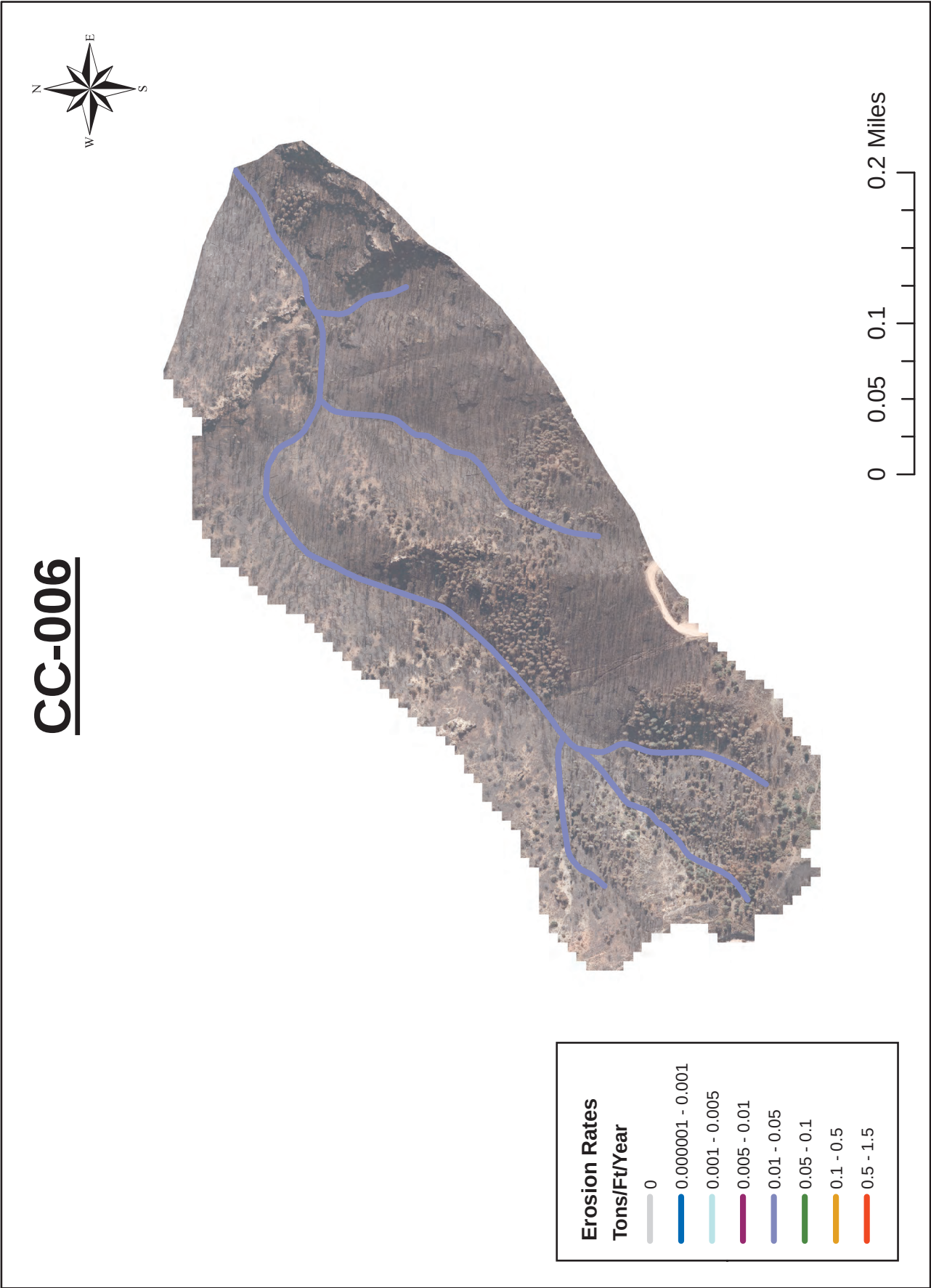
CC-006



Stream Condition

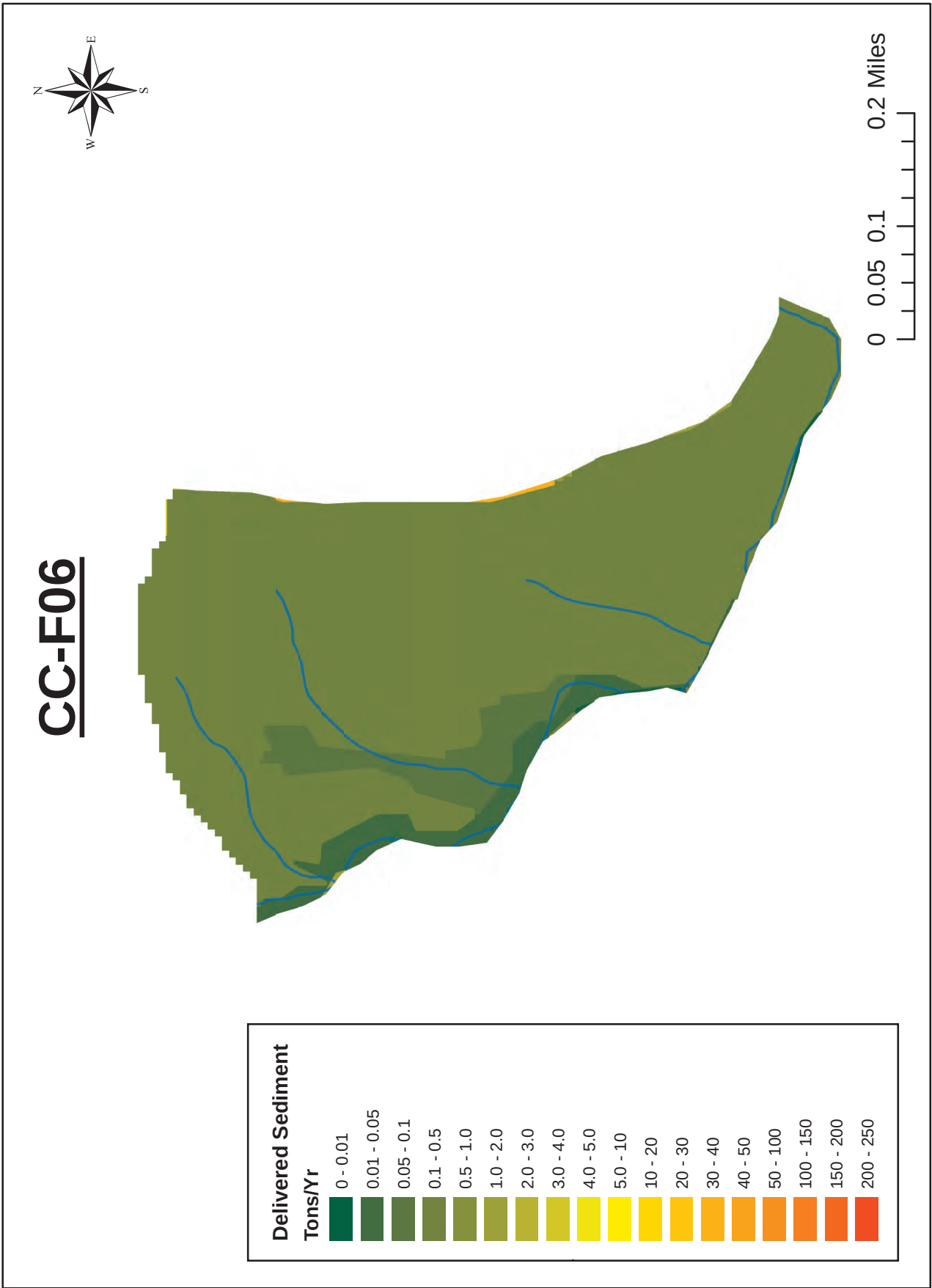
- Good
- Fair
- Fair-Poor
- Poor

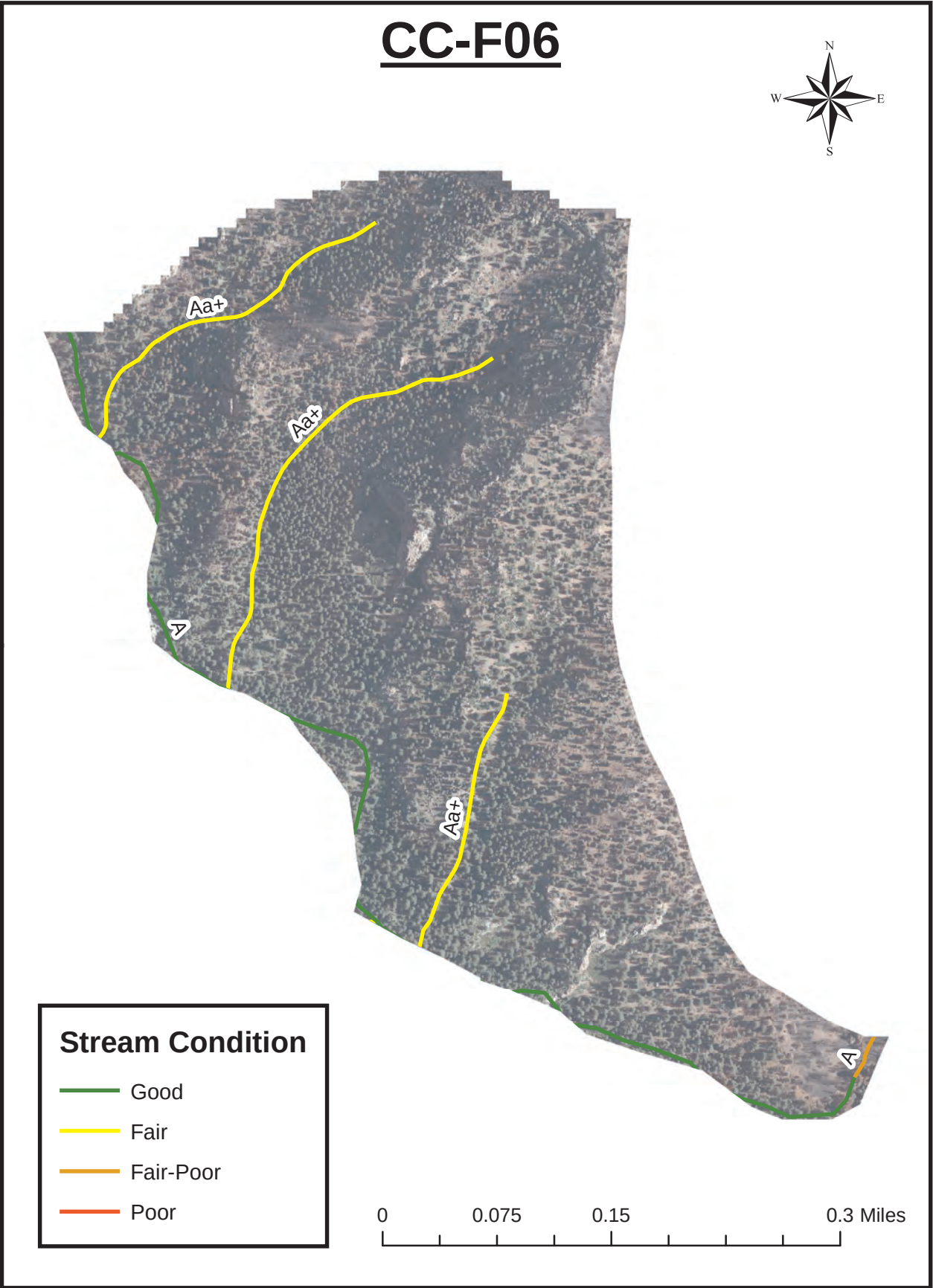


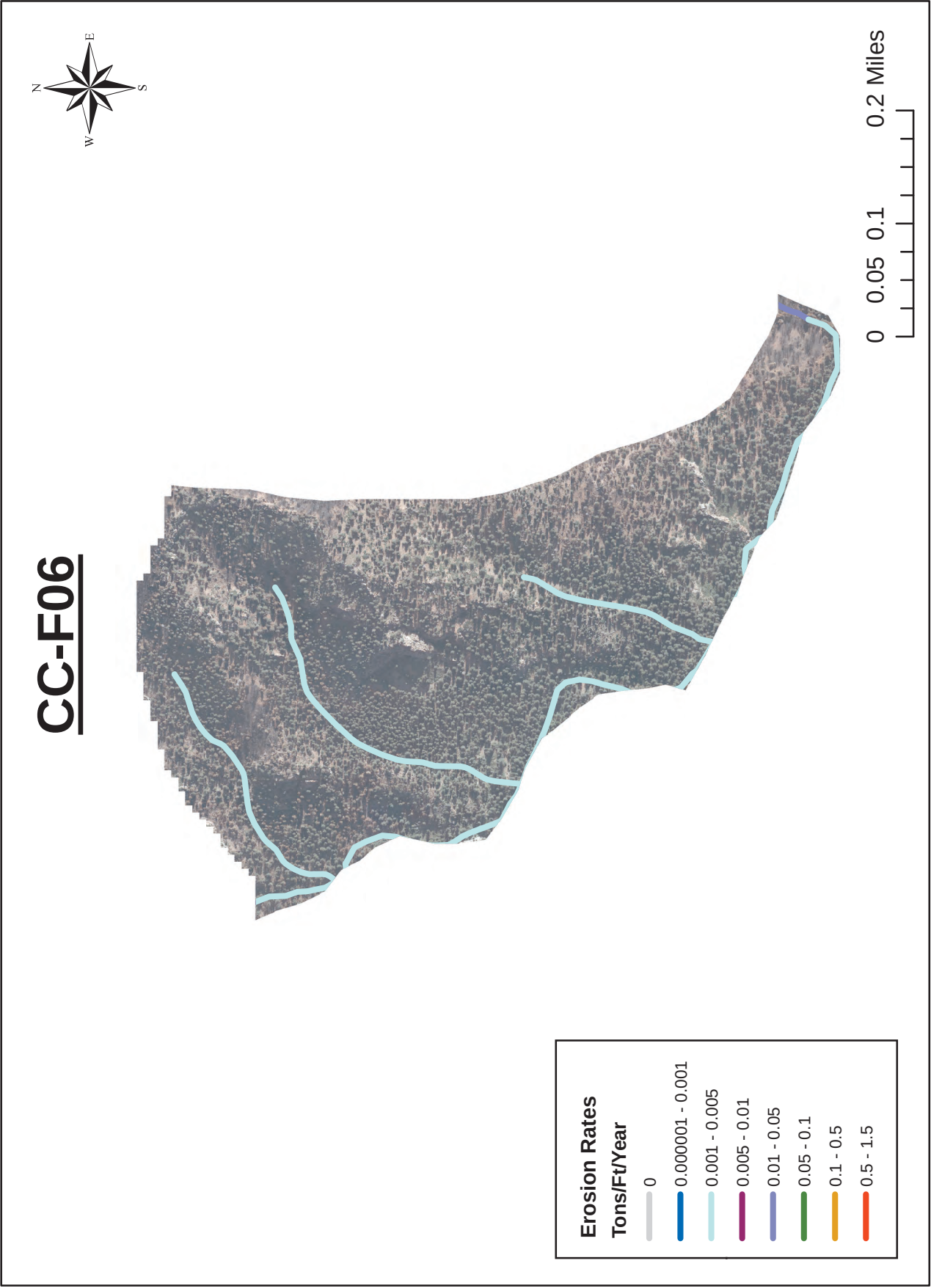


Camp Creek, Sub-Watershed F06 (CC-F06)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F06								
Watershed Characteristics	Drainage Area (mi ²)	0.16		High	Moderate	Low	Unburned					
			Burn Severity (%)	0.0%	3.0%	41.0%	56.0%					
	Drainage Density	4.75										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	100%	0%	0%	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		2.02						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		2						
Hydrology	Q _{BKF} (cfs)		1.3872	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		151	160	9							
	Flow-Related Sediment (tons/yr)		12	13	2							
Erosion Summary	Total Introduced Sediment (tons/yr)	18		Banks	Roads	Surface Erosion	Streambed					
			Sediment (tons/yr)	16	0	2	-4					
	Total Flow Related Sediment (tons/yr)	13		Percent of Total Yield	N/A	N/A	N/A					
					N/A	N/A	N/A					
☐ Degradation ☒ Aggradation												



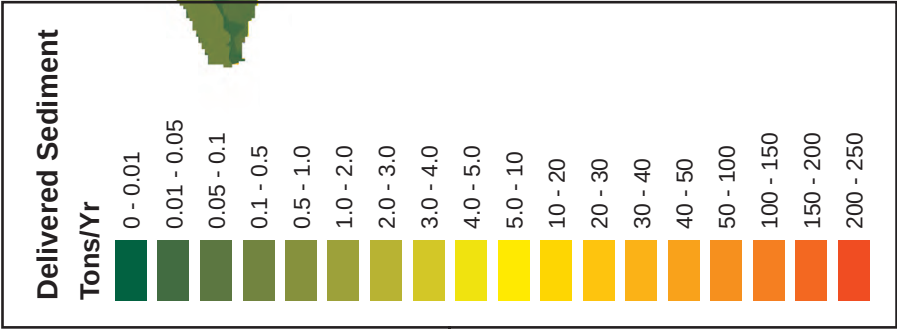
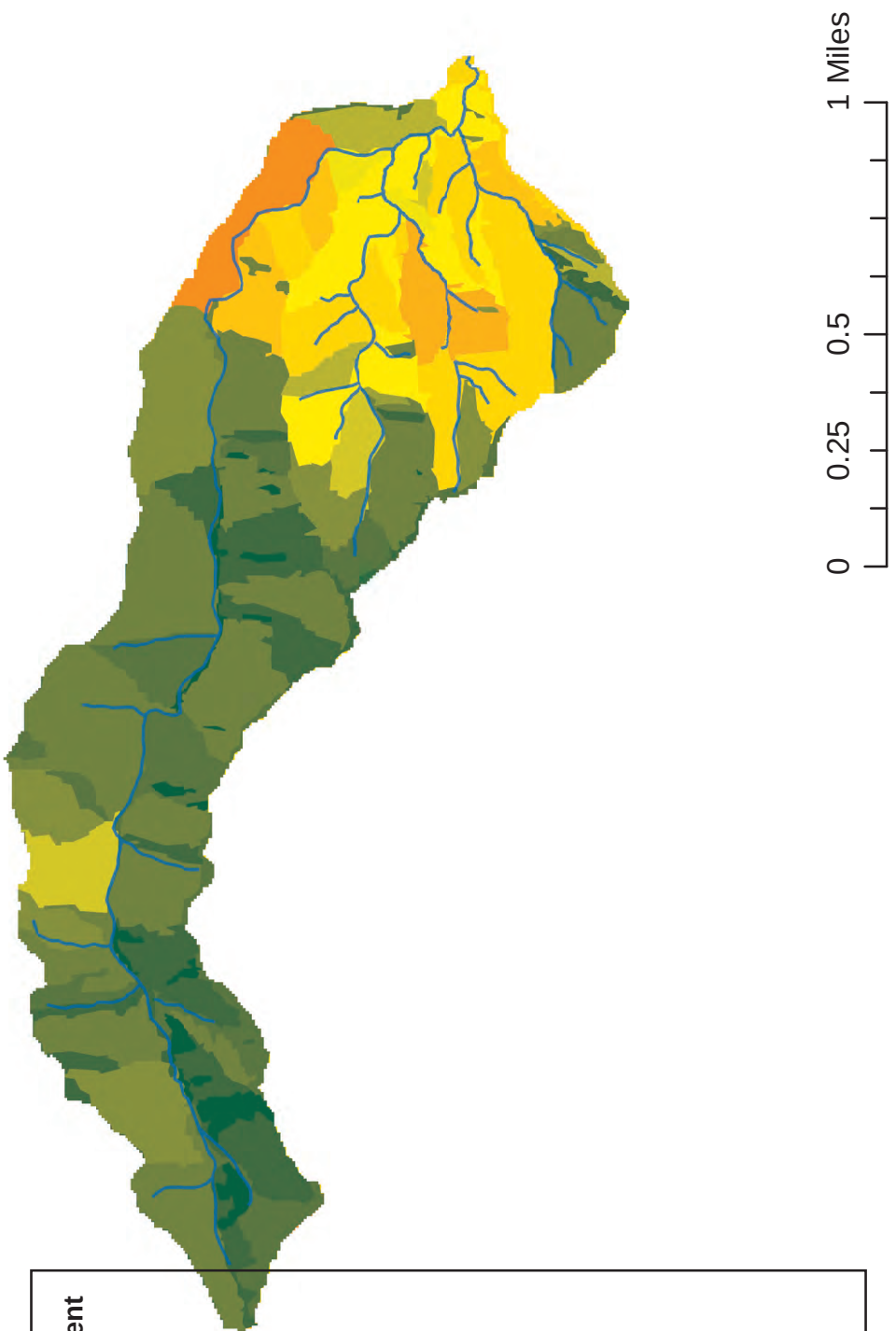
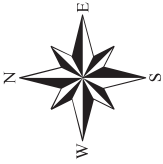


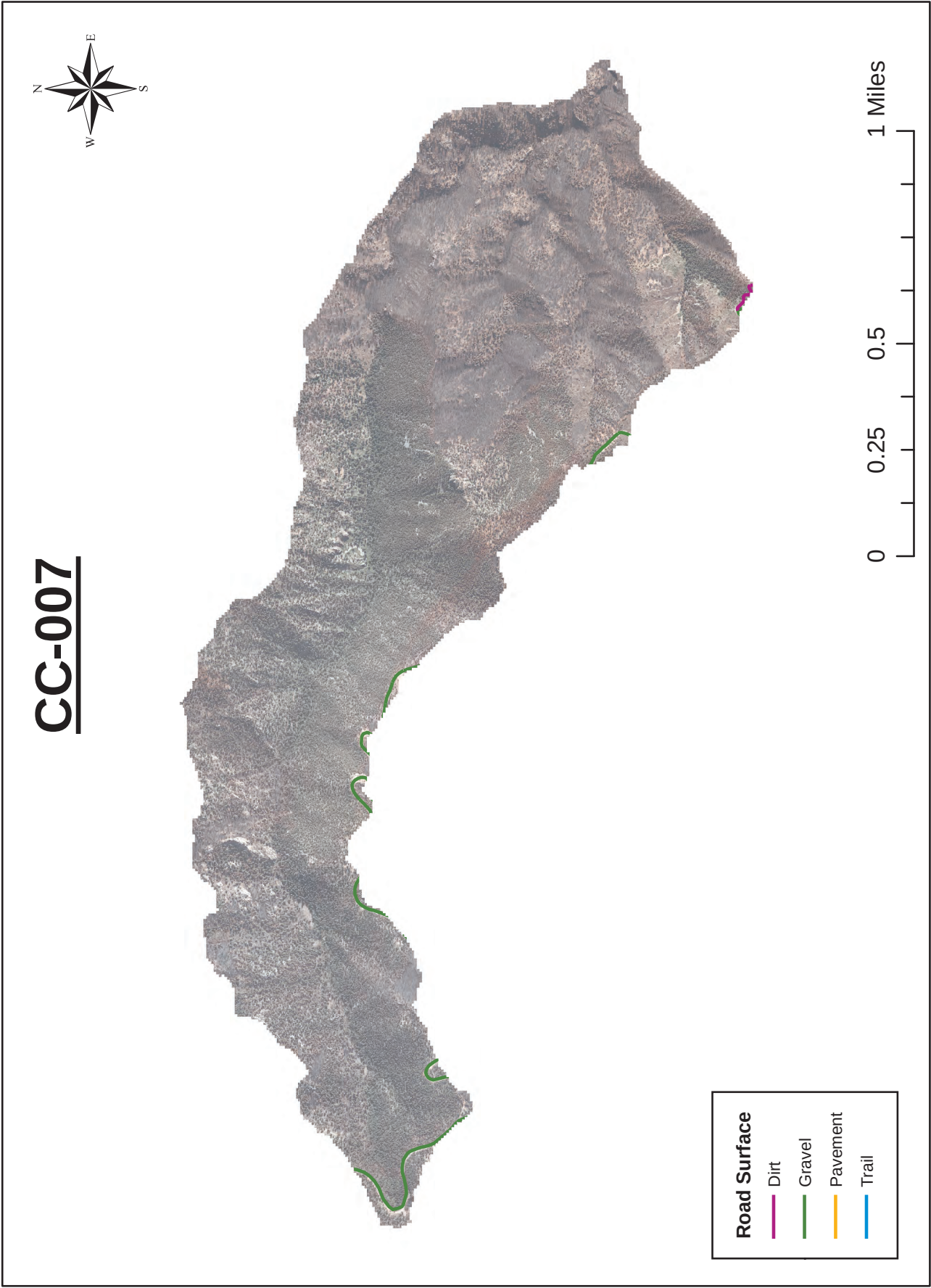


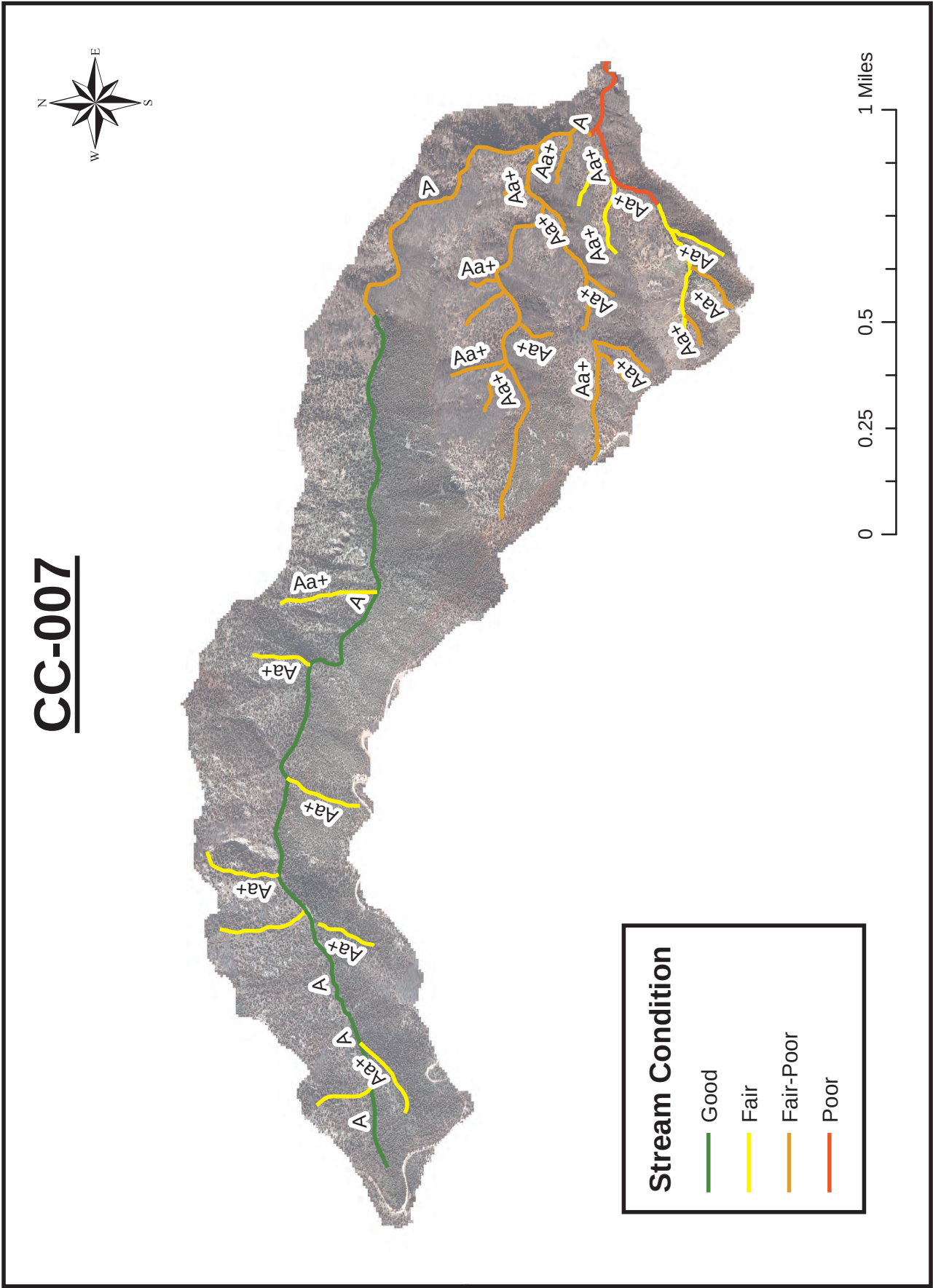
Camp Creek, Sub-Watershed 007 (CC-007)

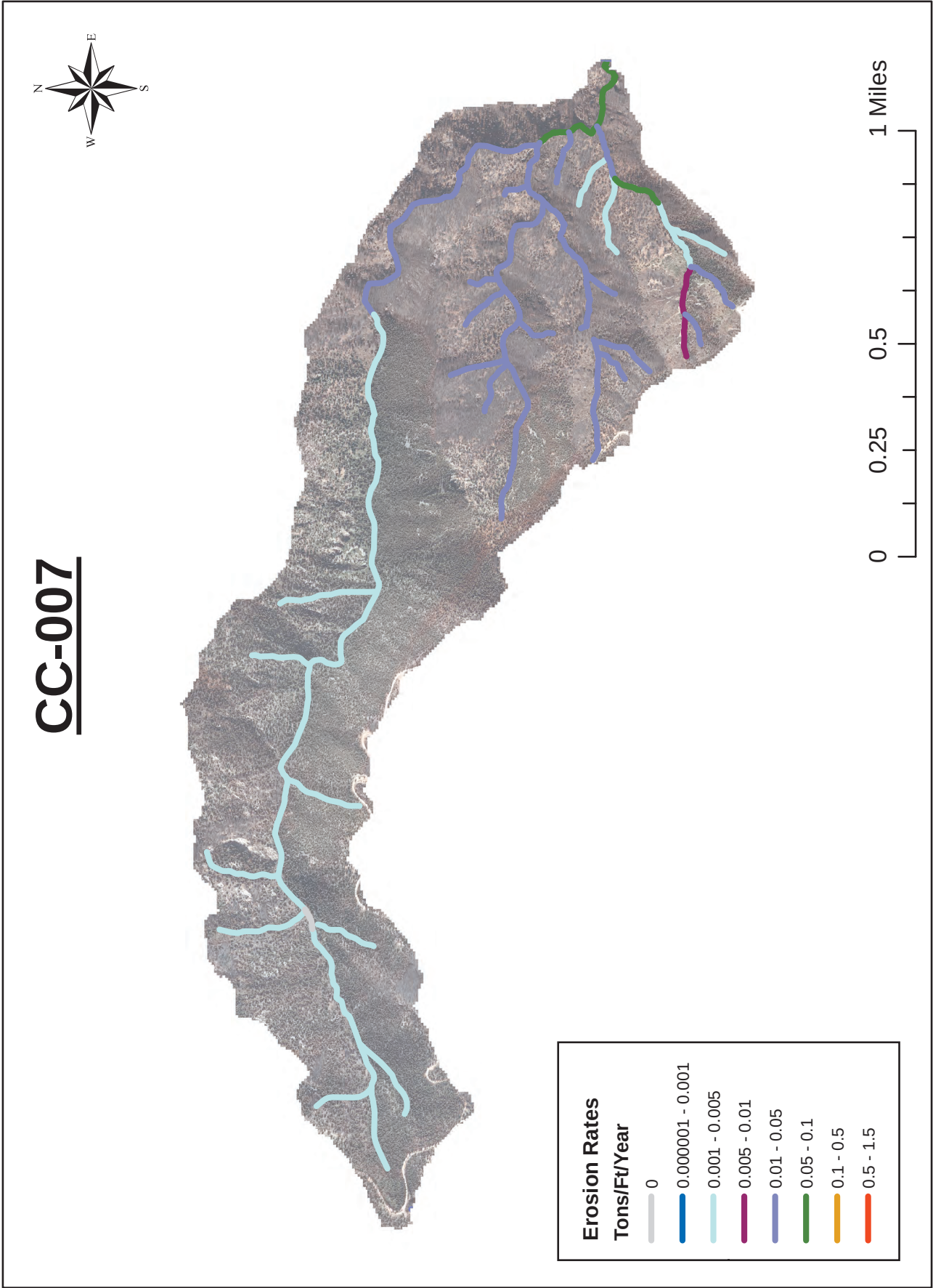
Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-007							
Watershed Characteristics	Drainage Area (mi ²)	1.42		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	29.0%	39.0%	32.0%			
	Drainage Density	6.33									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		63%	37%	0%	0%	1%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	25%	26%	43%	5%	Total Erosion (tons/yr)	822				
	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%	0%	48%	2%	43%	5%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	6,594		Sediment from Surface Erosion (tons/yr)		526.84					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		527					
Hydrology	Q _{BKF} (cfs)	5.9363	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	644	878	234							
	Flow-Related Sediment (tons/yr)	24	3,250	3,226							
Erosion Summary	Total Introduced Sediment (tons/yr)	1,349	Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			822	0	527	1,901					
	Total Flow Related Sediment (tons/yr)	3,250	Percent of Total Yield	25%	0%	16%	59%				
☒ Degradation ☐ Aggradation											

CC-007





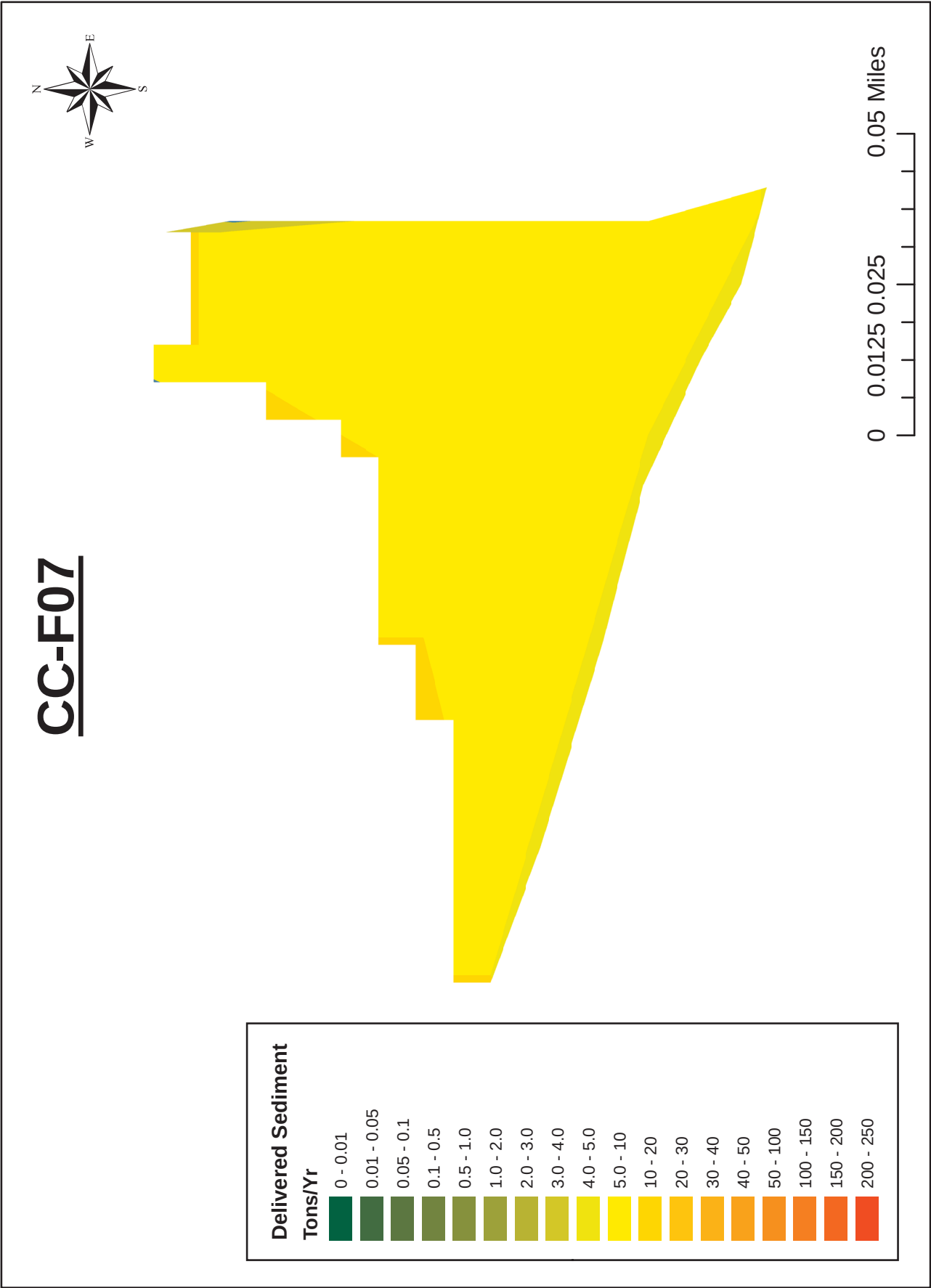




Camp Creek, Sub-Watershed F07 (CC-F07)

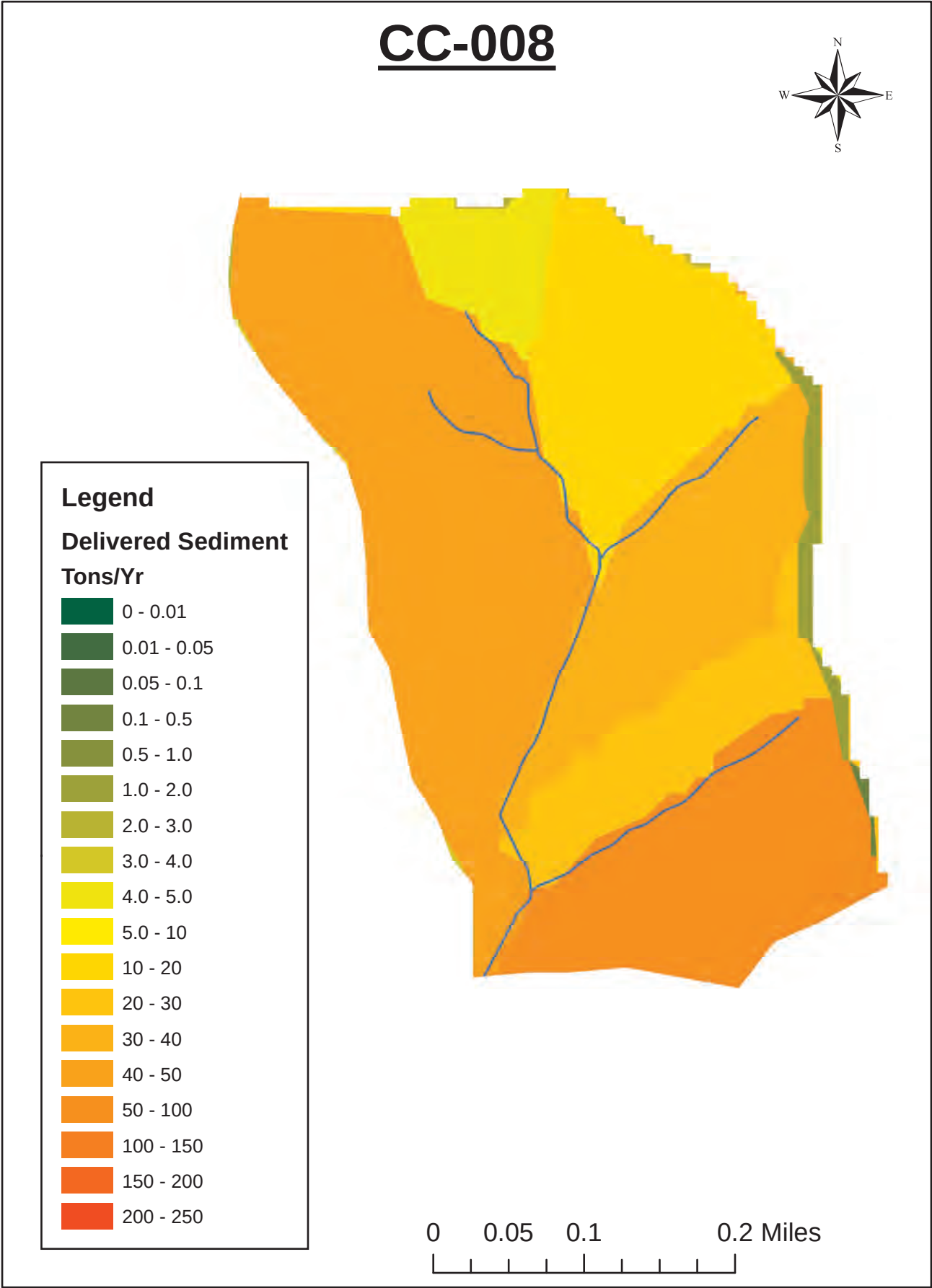
Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F07							
Watershed Characteristics	Drainage Area (mi ²)	0.01		High	Moderate	Low	Unburned				
				Burn Severity (%)	32.0%	68.0%	0.0%	0.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	5.74						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	6						
Hydrology		Q _{BKF} (cfs)	0.1524	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	17		N/A	N/A						
	Flow-Related Sediment (tons/yr)	4		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	6		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				0	0	6	N/A				
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			

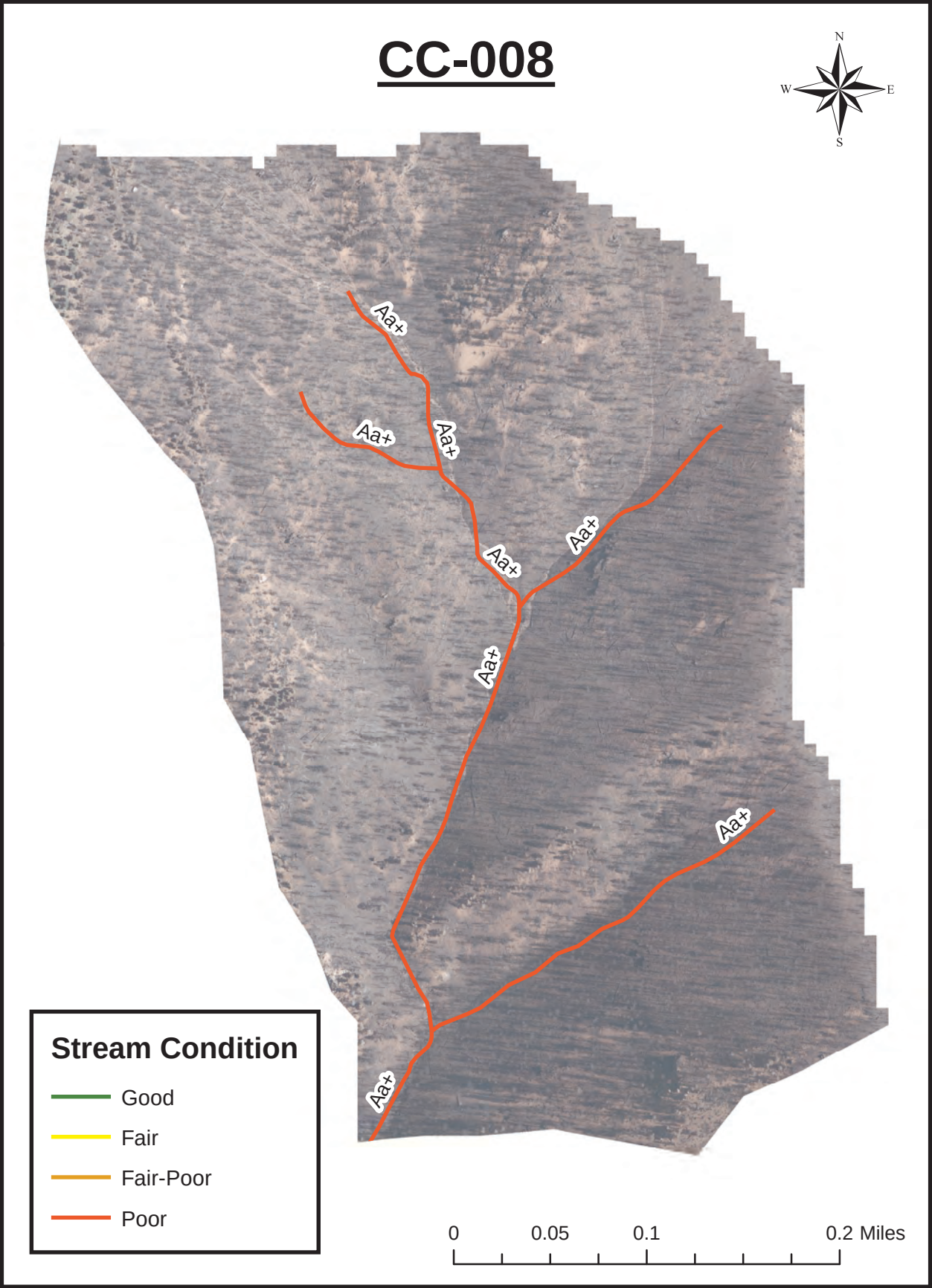
☐ Degradation
 ☐ Aggradation



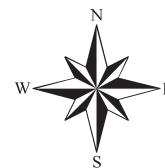
Camp Creek, Sub-Watershed 008 (CC-008)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-008							
Watershed Characteristics	Drainage Area (mi ²)	0.15		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	83.0%	16.0%	0.0%			
	Drainage Density	6.30									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	100%	Total Erosion (tons/yr)	150				
	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%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	218.79						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	219						
Hydrology		Q _{BKF} (cfs)	1.3654	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	148		183	35						
	Flow-Related Sediment (tons/yr)	12		715	704						
Erosion Summary	Total Introduced Sediment (tons/yr)	369		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				150	0	219	346				
	Total Flow Related Sediment (tons/yr)	715		Percent of Total Yield	21%	0%	31%	48%			
		☒ Degradation		☐ Aggradation							



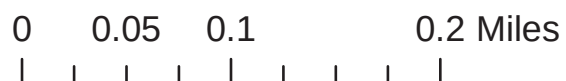
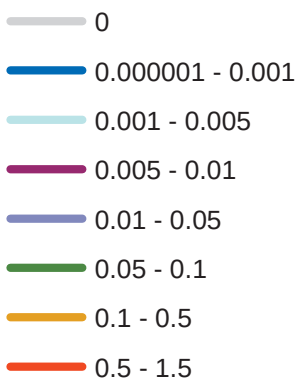


CC-008



Legend

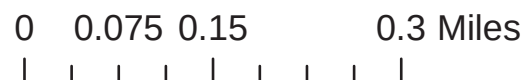
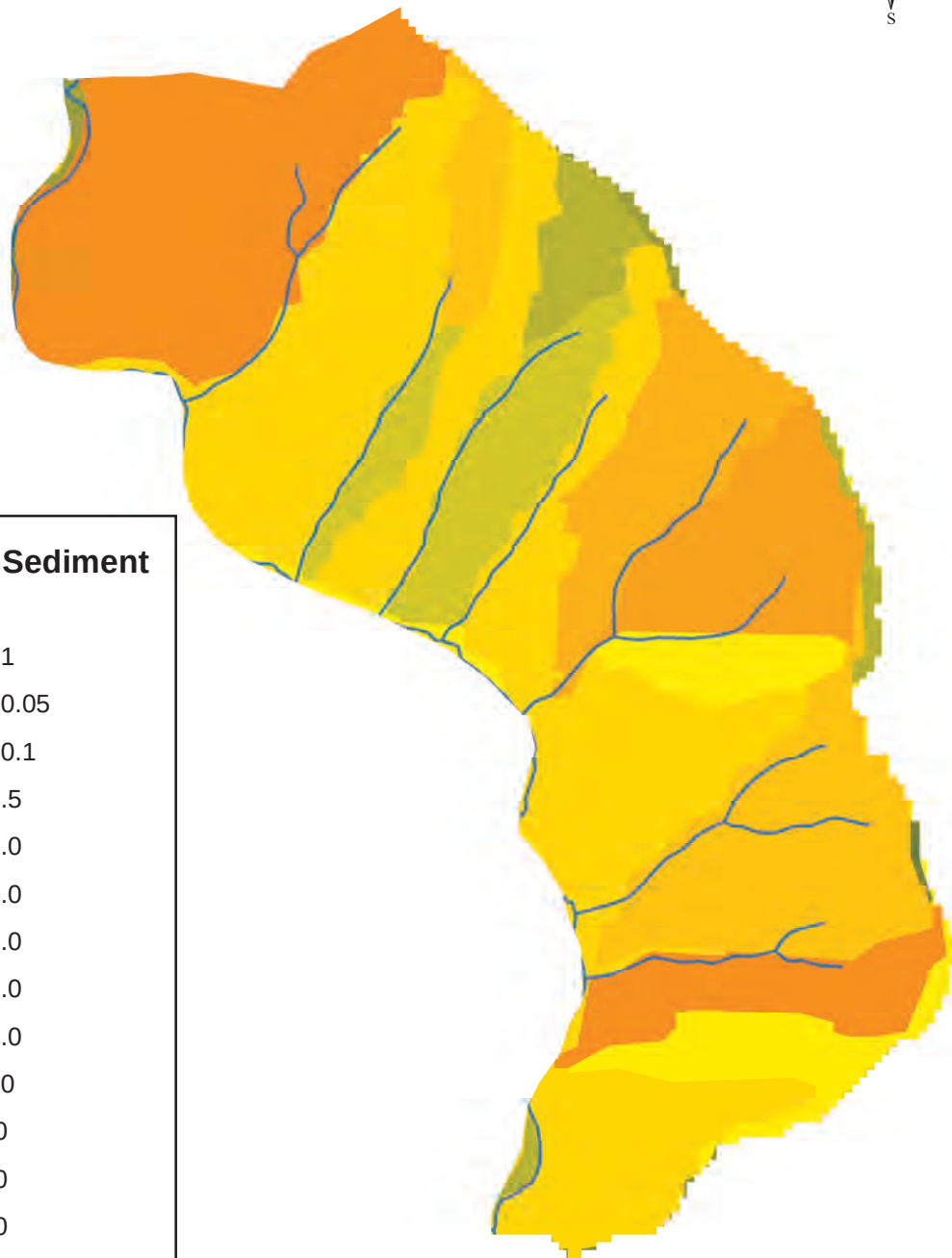
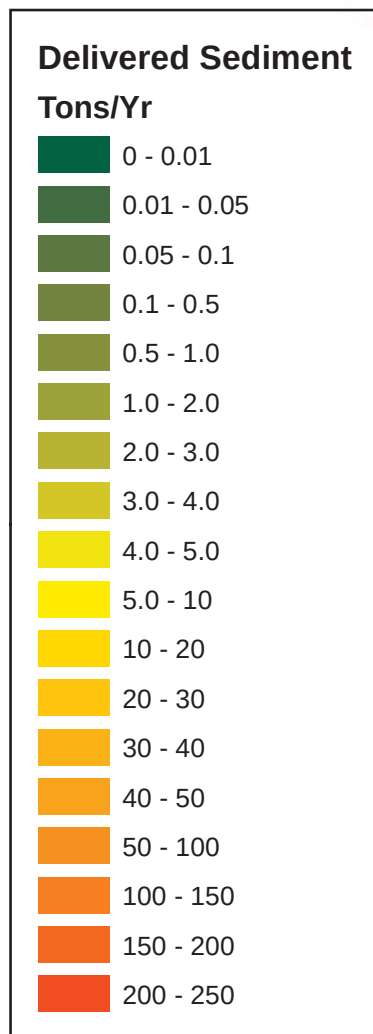
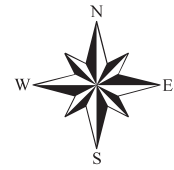
Erosion Rates Tons/Ft/Year

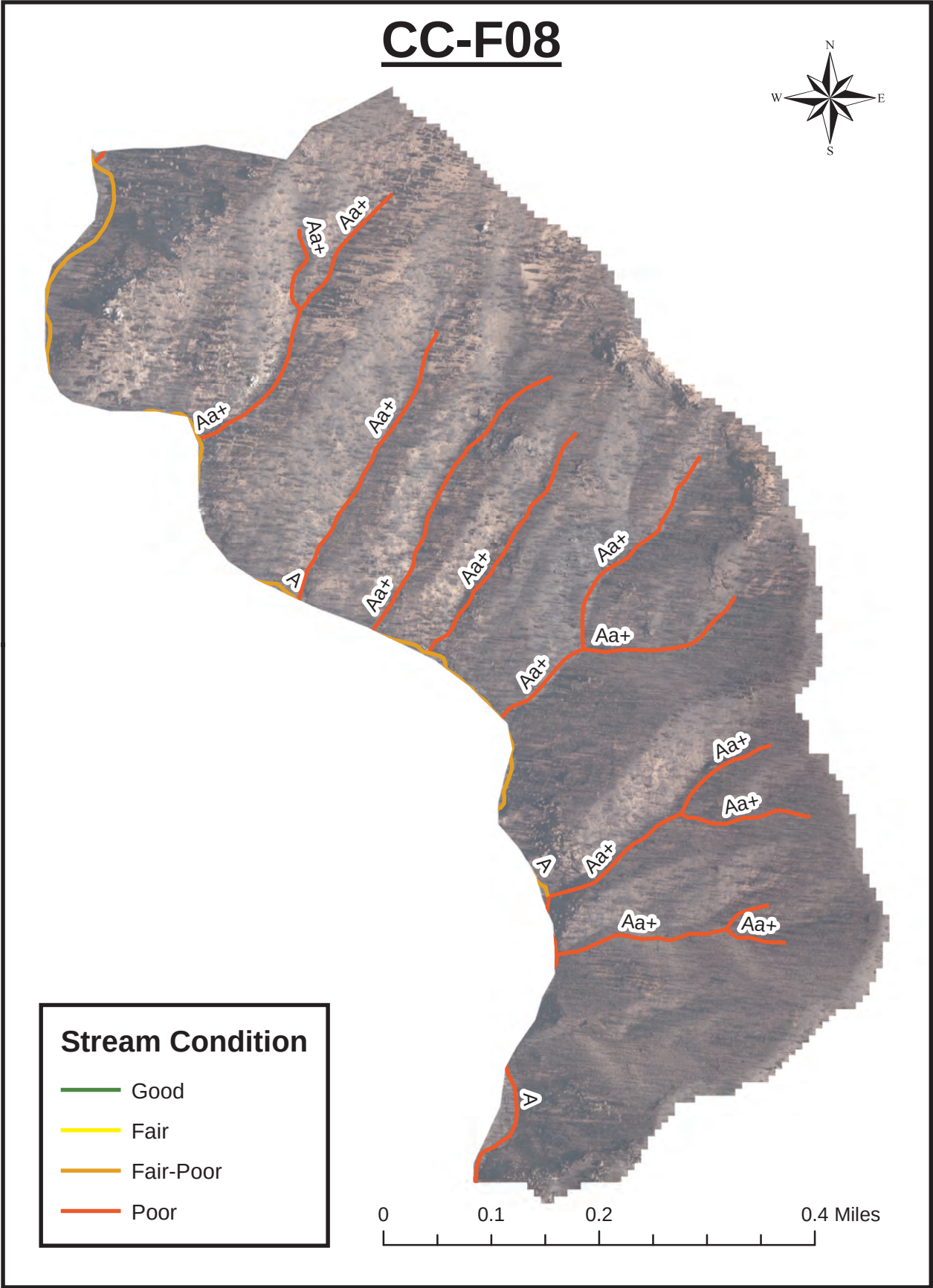


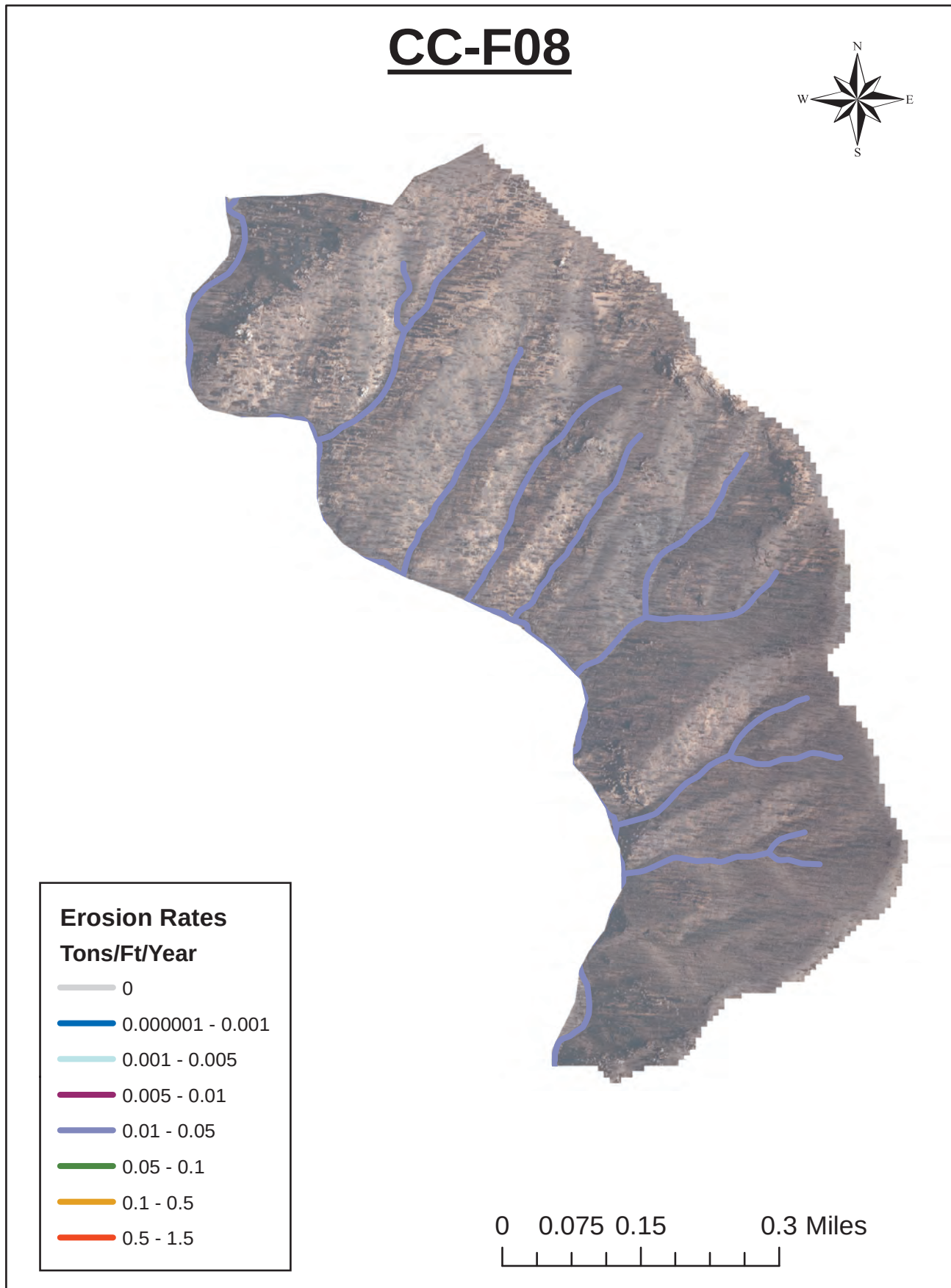
Camp Creek, Sub-Watershed F08 (CC-F08)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F08							
Watershed Characteristics	Drainage Area (mi ²)	0.37		High	Moderate	Low	Unburned				
				Burn Severity (%)	2.0%	77.0%	20.0%	0.0%			
	Drainage Density	6.31									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	100%	Total Erosion (tons/yr)	368				
	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%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	526.03						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	526						
Hydrology		Q _{BKF} (cfs)	2.4633	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	267		317	49						
	Flow-Related Sediment (tons/yr)	15		1,144	1,129						
Erosion Summary	Total Introduced Sediment (tons/yr)	894		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				368	0	526	250				
	Total Flow Related Sediment (tons/yr)	1,144		Percent of Total Yield	32%	0%	46%	22%			
		☒ Degradation		☐ Aggradation							

CC-F08

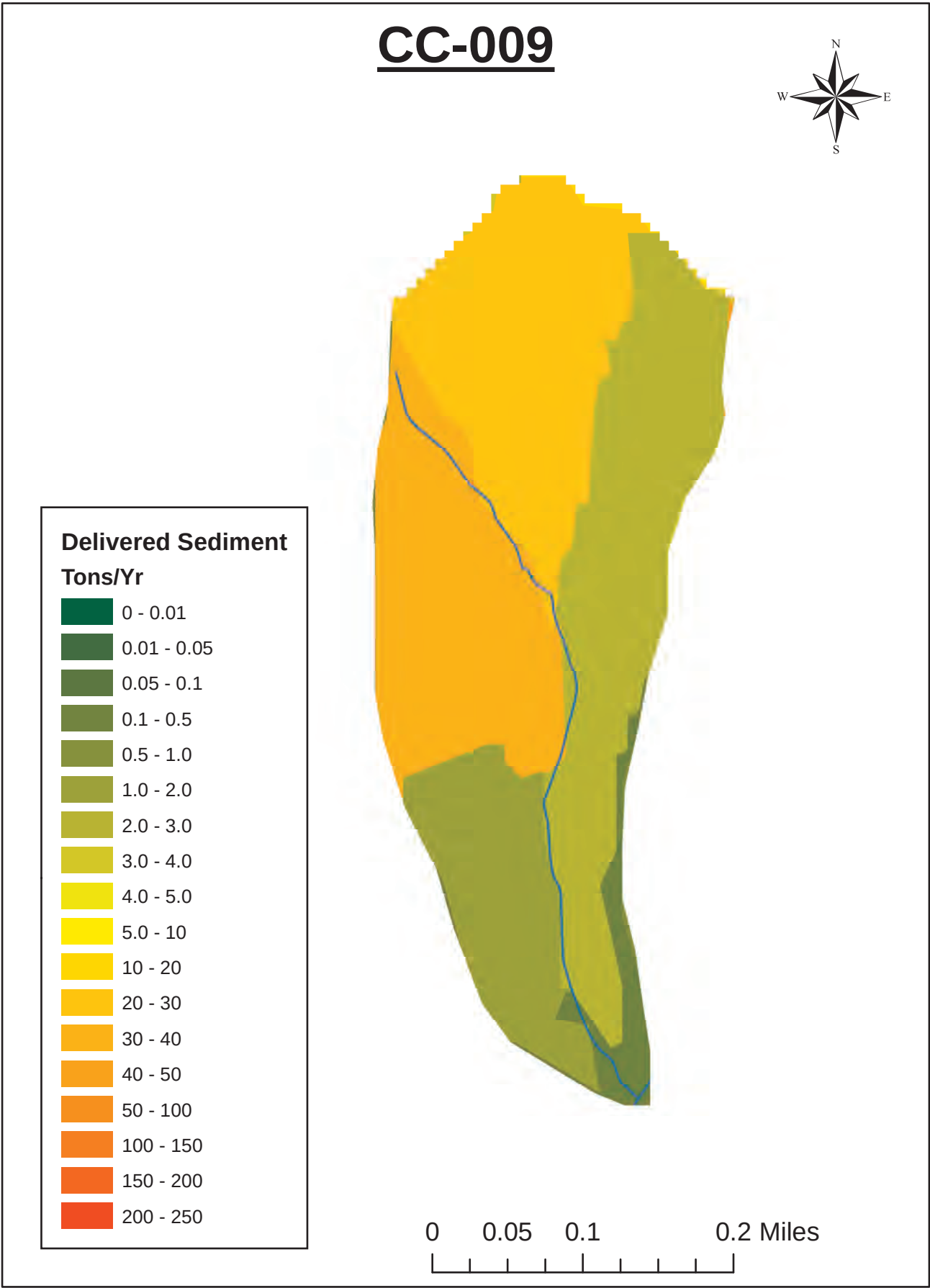


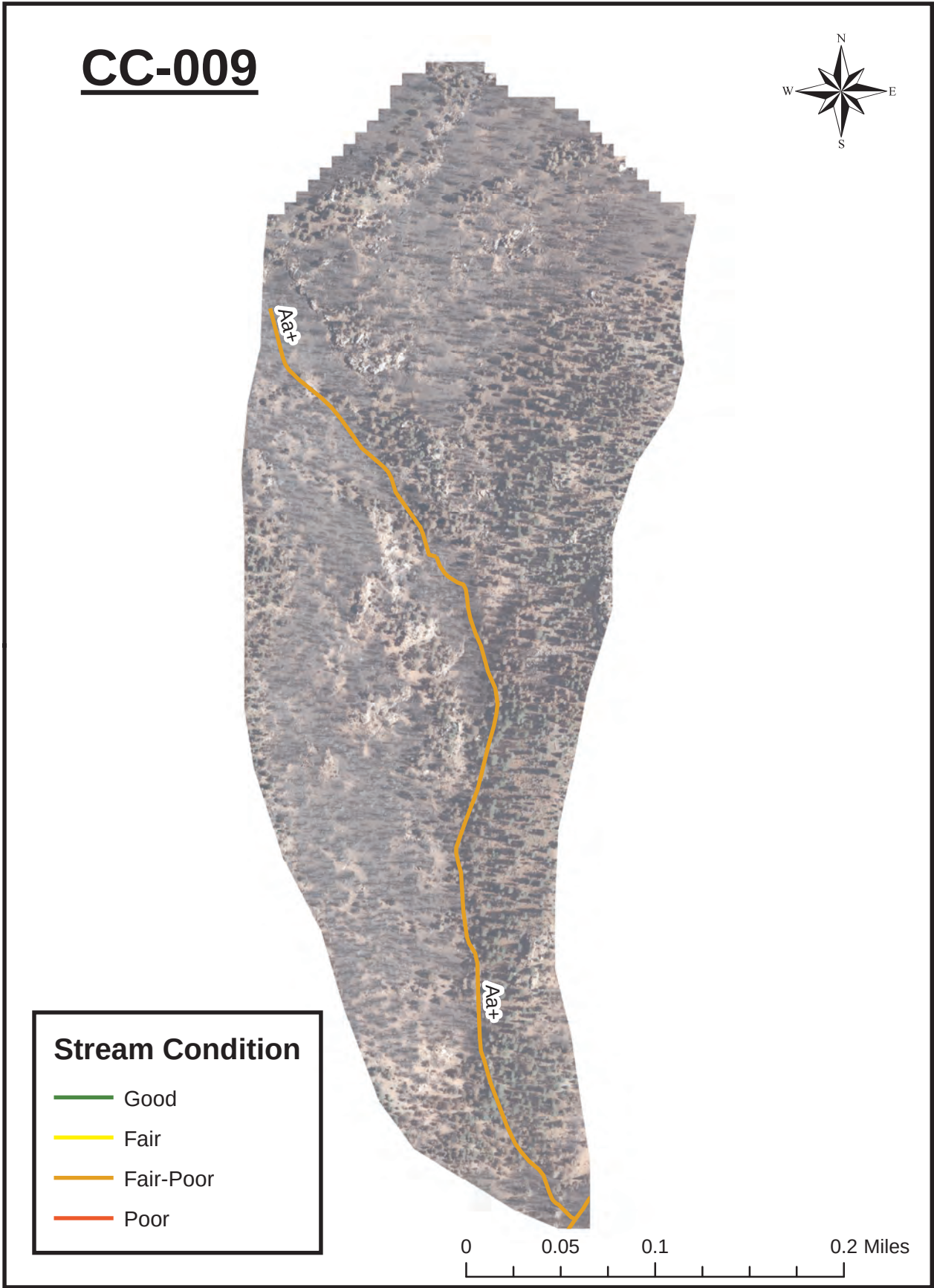




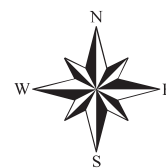
Camp Creek, Sub-Watershed 009 (CC-009)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-009								
Watershed Characteristics	Drainage Area (mi ²)	0.10		High	Moderate	Low	Unburned					
				Burn Severity (%)	0.0%	41.0%	56.0%	3.0%				
	Drainage Density	5.56										
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G	
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	0%	100%	0%	Total Erosion (tons/yr)	72				
			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%	0%	
Hillslope Processes	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		73.23					
	Total Sediment from Roads (tons/yr)		0.00		Introduced Sediment Roads & Hillslope (tons/yr)		73					
Hydrology			Q _{BKF} (cfs)	1.0189	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		111		130		19					
	Flow-Related Sediment (tons/yr)		10		261		251					
Erosion Summary	Total Introduced Sediment (tons/yr)		145		Banks	Roads	Surface Erosion	Streambed				
			Sediment (tons/yr)		72	0	73	117				
	Total Flow Related Sediment (tons/yr)		261		Percent of Total Yield	27%	0%	28%	45%			
				☒ Degradation		☐ Aggradation						

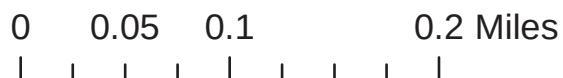
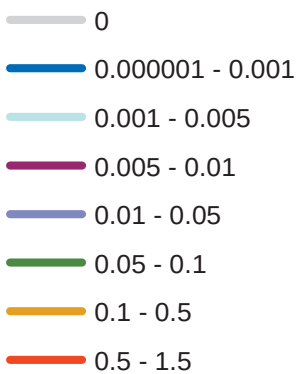




CC-009

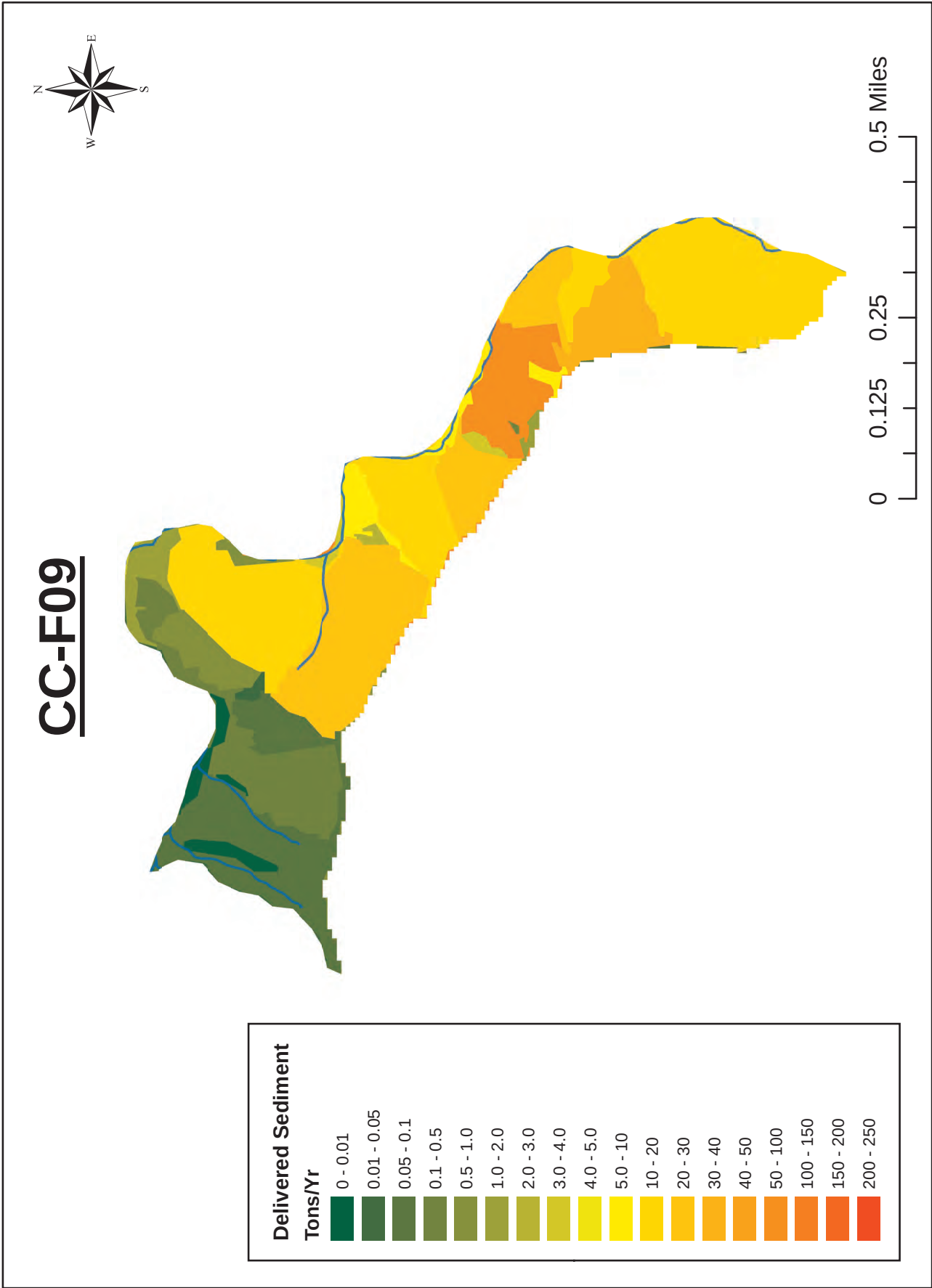


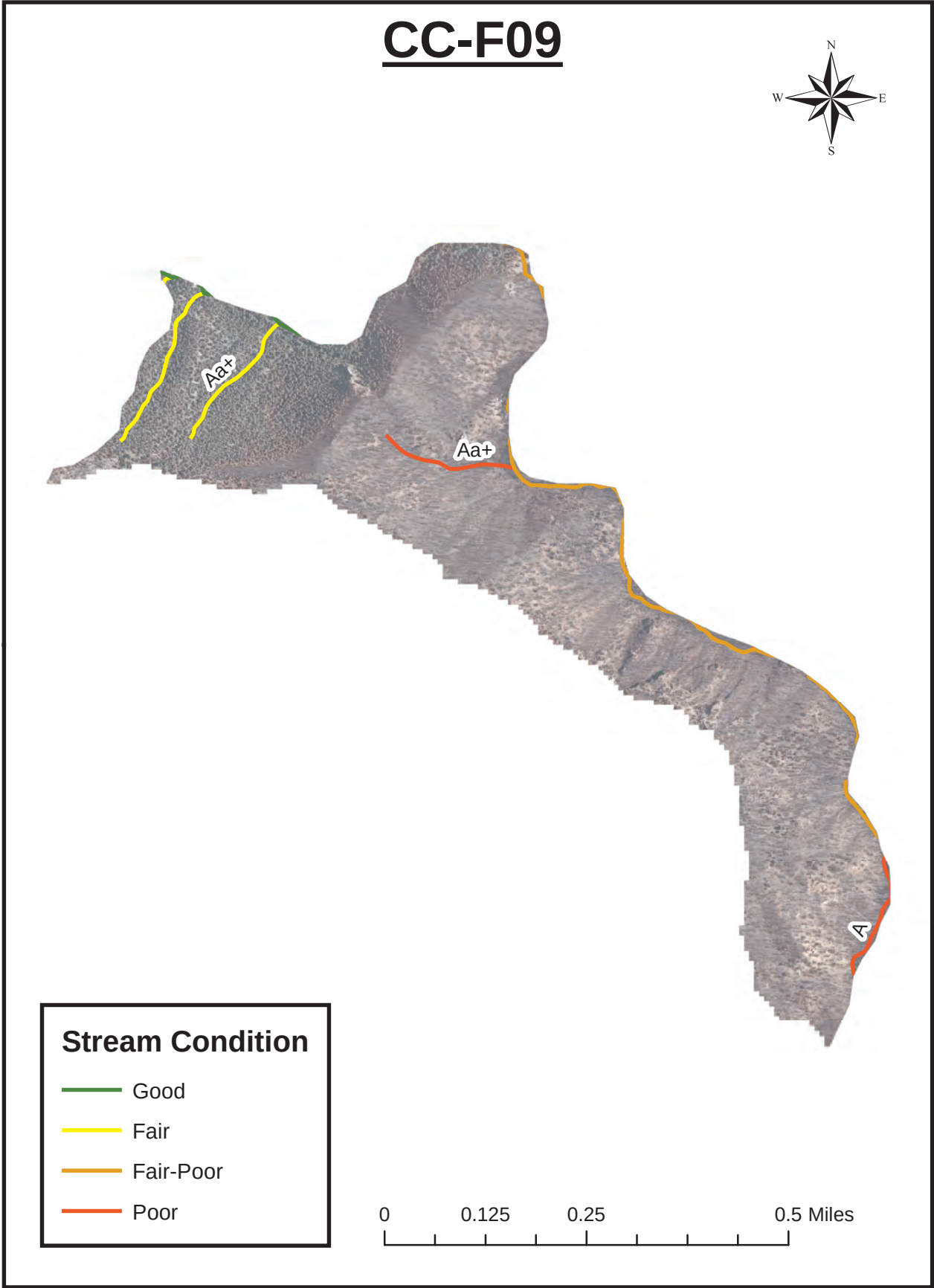
Erosion Rates Tons/Ft/Year

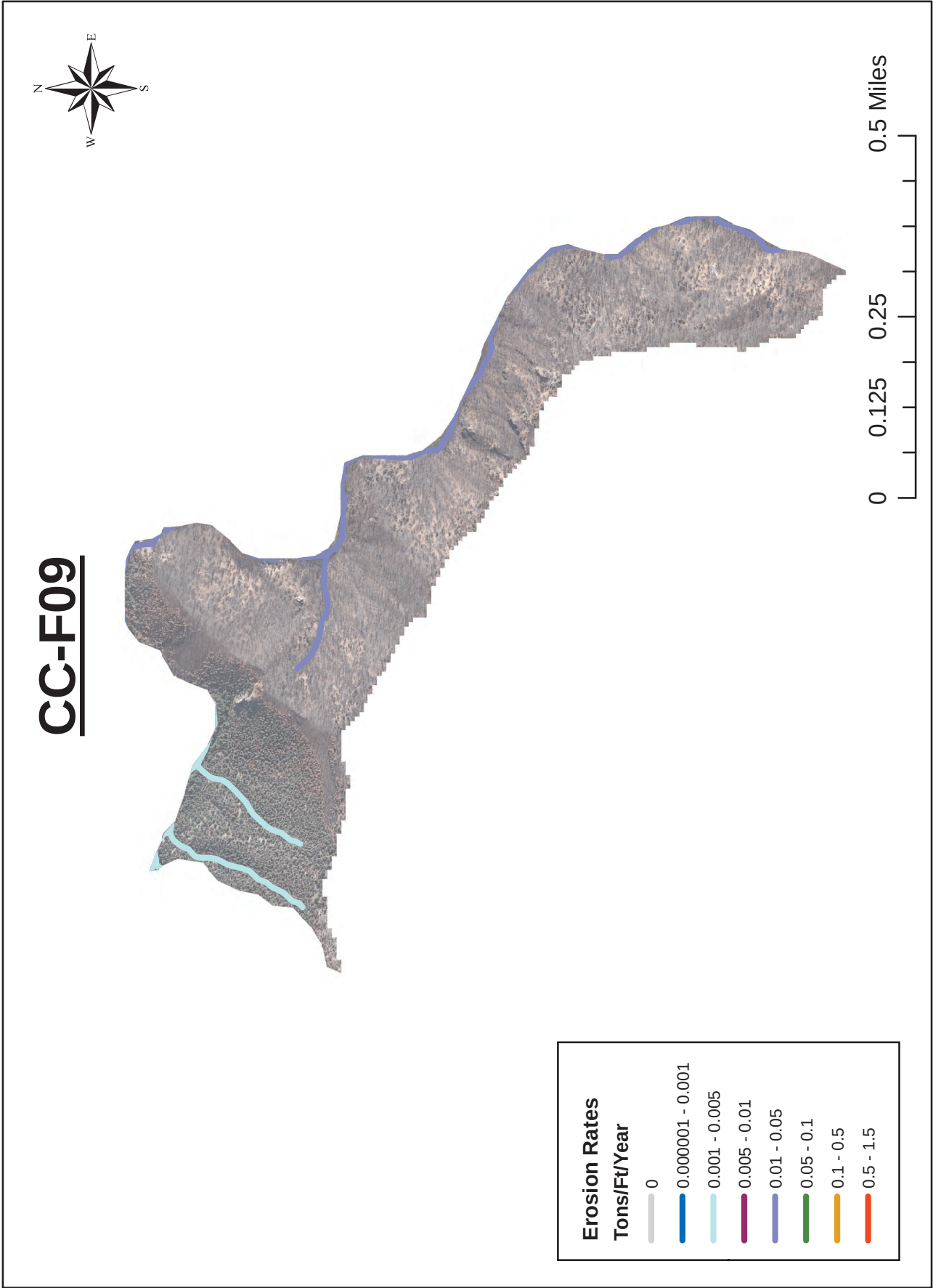


Camp Creek, Sub-Watershed F09 (CC-F09)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F09							
Watershed Characteristics	Drainage Area (mi ²)	0.25		High	Moderate	Low	Unburned				
				Burn Severity (%)	3.0%	66.0%	16.0%	15.0%			
	Drainage Density	2.34									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	70%	0%	30%	Total Erosion (tons/yr)	37				
	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%	70%	0%	30%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	317.27						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	317						
Hydrology		Q _{BKF} (cfs)	1.876	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	204		272	68						
	Flow-Related Sediment (tons/yr)	13		557	544						
Erosion Summary	Total Introduced Sediment (tons/yr)	355		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				37	0	317	202				
	Total Flow Related Sediment (tons/yr)	557		Percent of Total Yield	7%	0%	57%	36%			
☒ Degradation ☐ Aggradation											

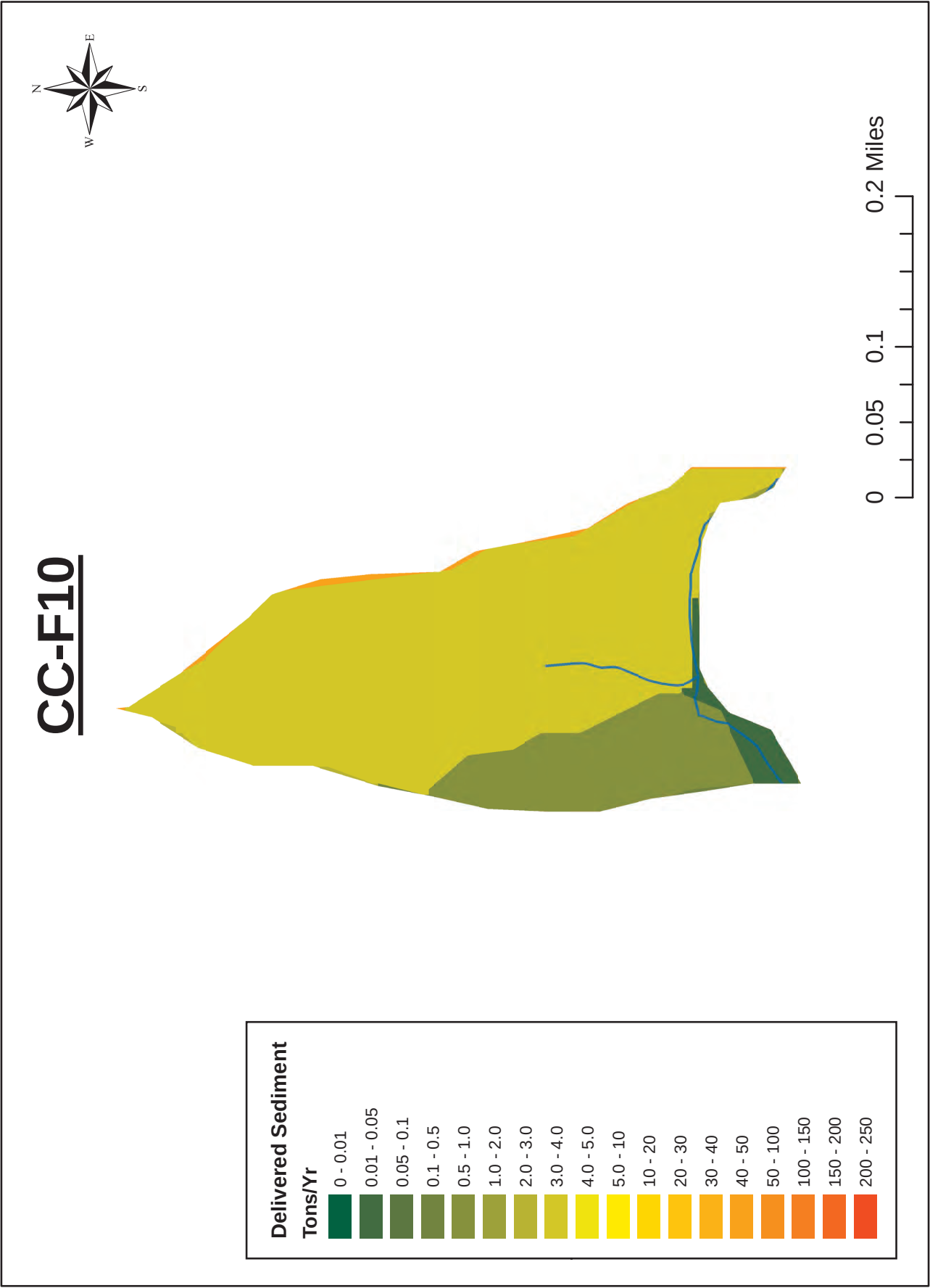


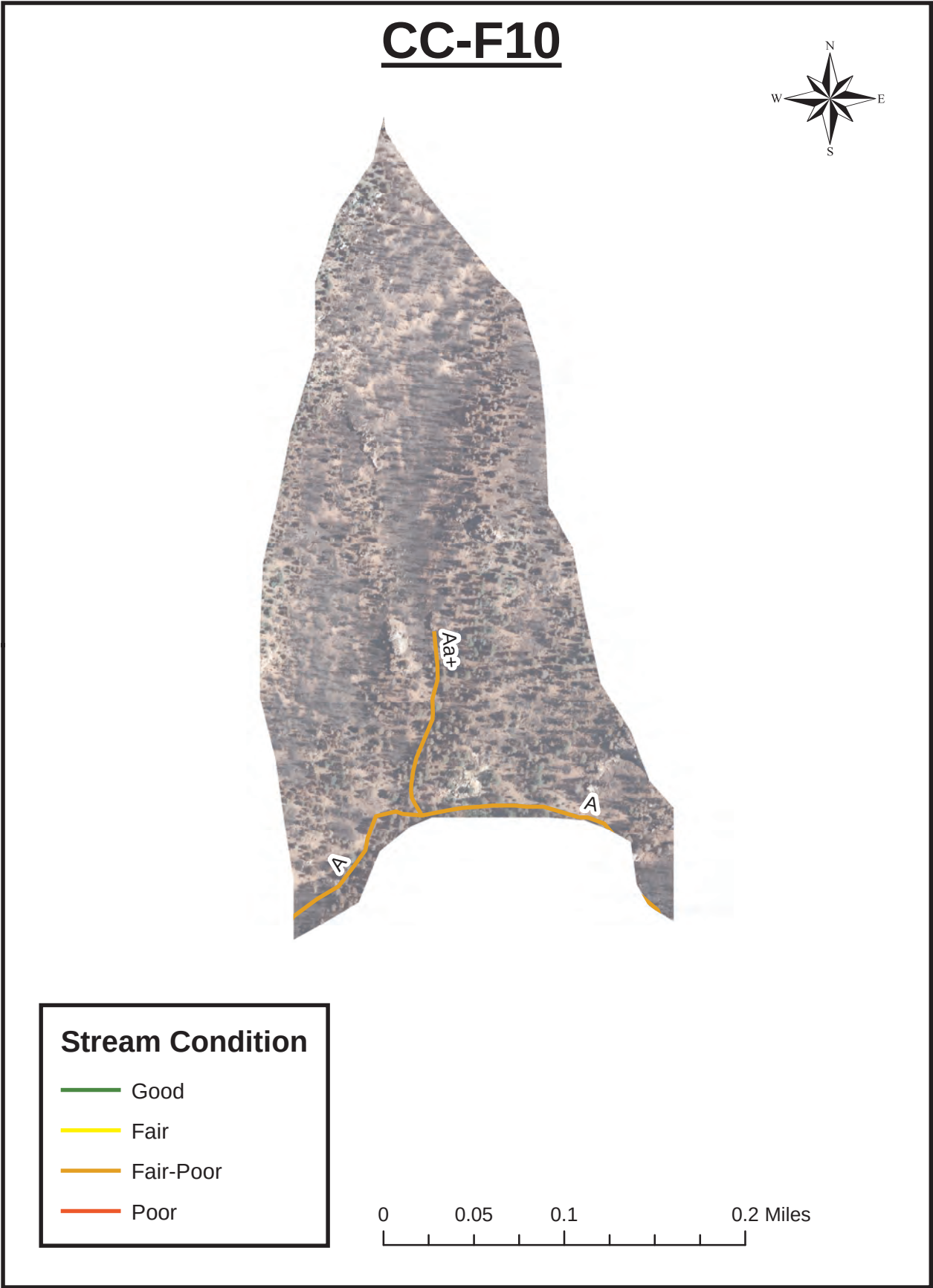


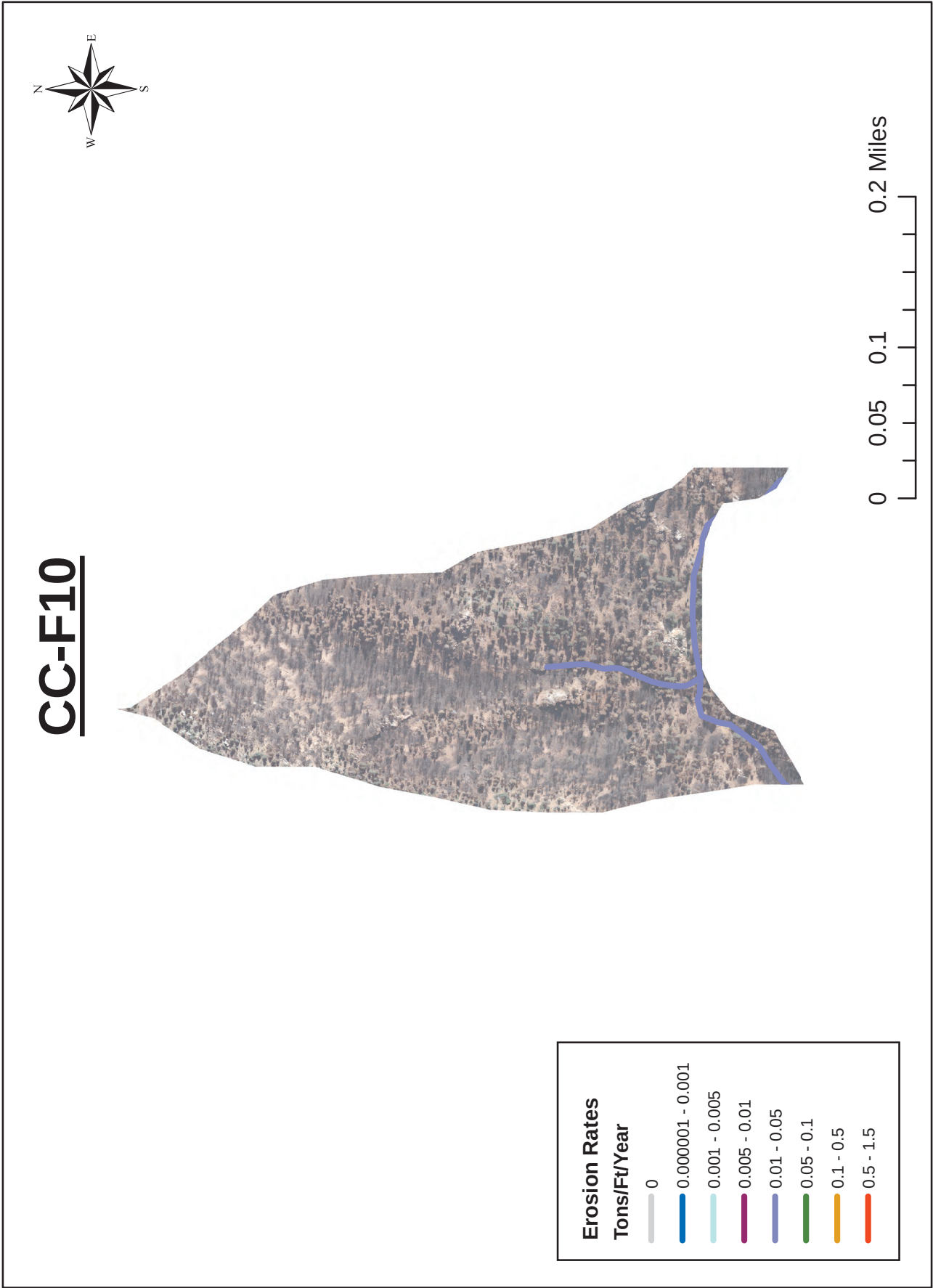


Camp Creek, Sub-Watershed F10 (CC-F10)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F10								
Watershed Characteristics	Drainage Area (mi ²)	0.06		High	Moderate	Low	Unburned					
				Burn Severity (%)	0.0%	25.0%	75.0%	0.0%				
	Drainage Density	1.87										
			Aa+	A	B	C	D	Da+	E	F	Fb	G
	Stream Types (%)	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor							
	Percent of Stream Conditions	0%	0%	100%	0%	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%	100%	0%	0%	0%	0%		
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	3.89							
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	4							
Hydrology		Q _{BKF} (cfs)	0.7107	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	77		85	7							
	Flow-Related Sediment (tons/yr)	9		172	163							
Erosion Summary			Banks	Roads	Surface Erosion	Streambed						
	Total Introduced Sediment (tons/yr)	18	Sediment (tons/yr)	14	0	4	154					
	Total Flow Related Sediment (tons/yr)	172	Percent of Total Yield	8%	0%	2%	90%					
☒ Degradation ☐ Aggradation												

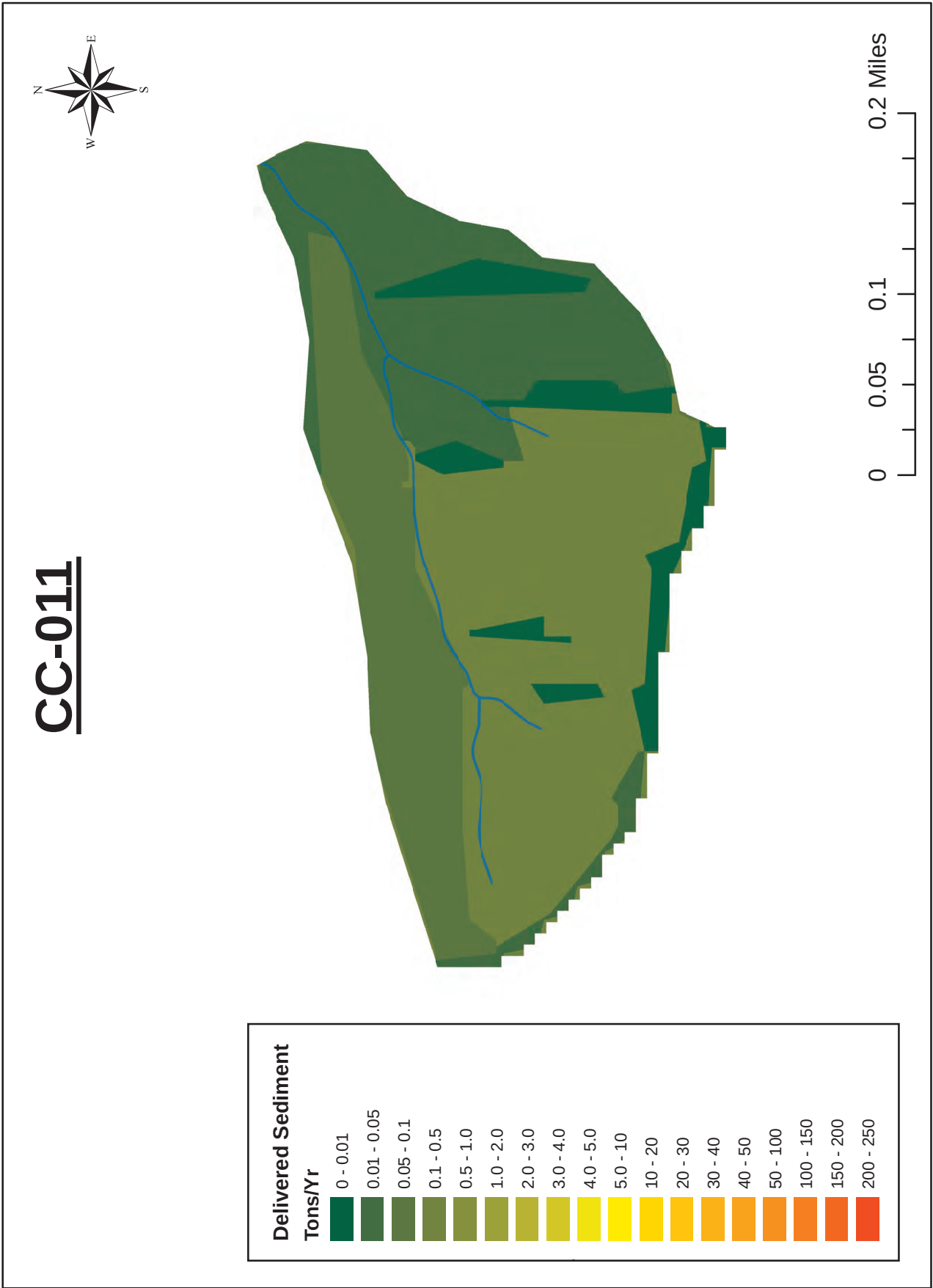


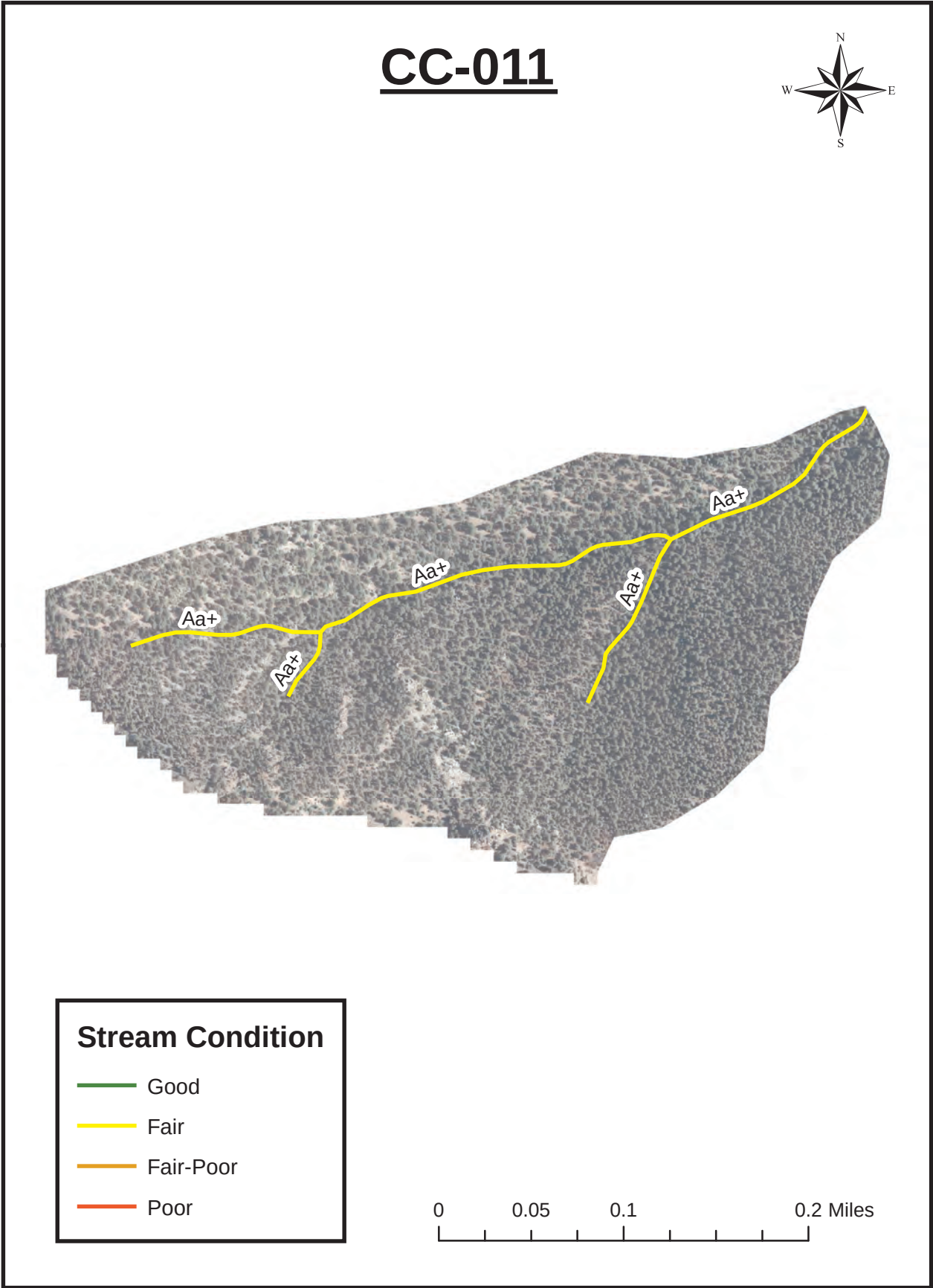


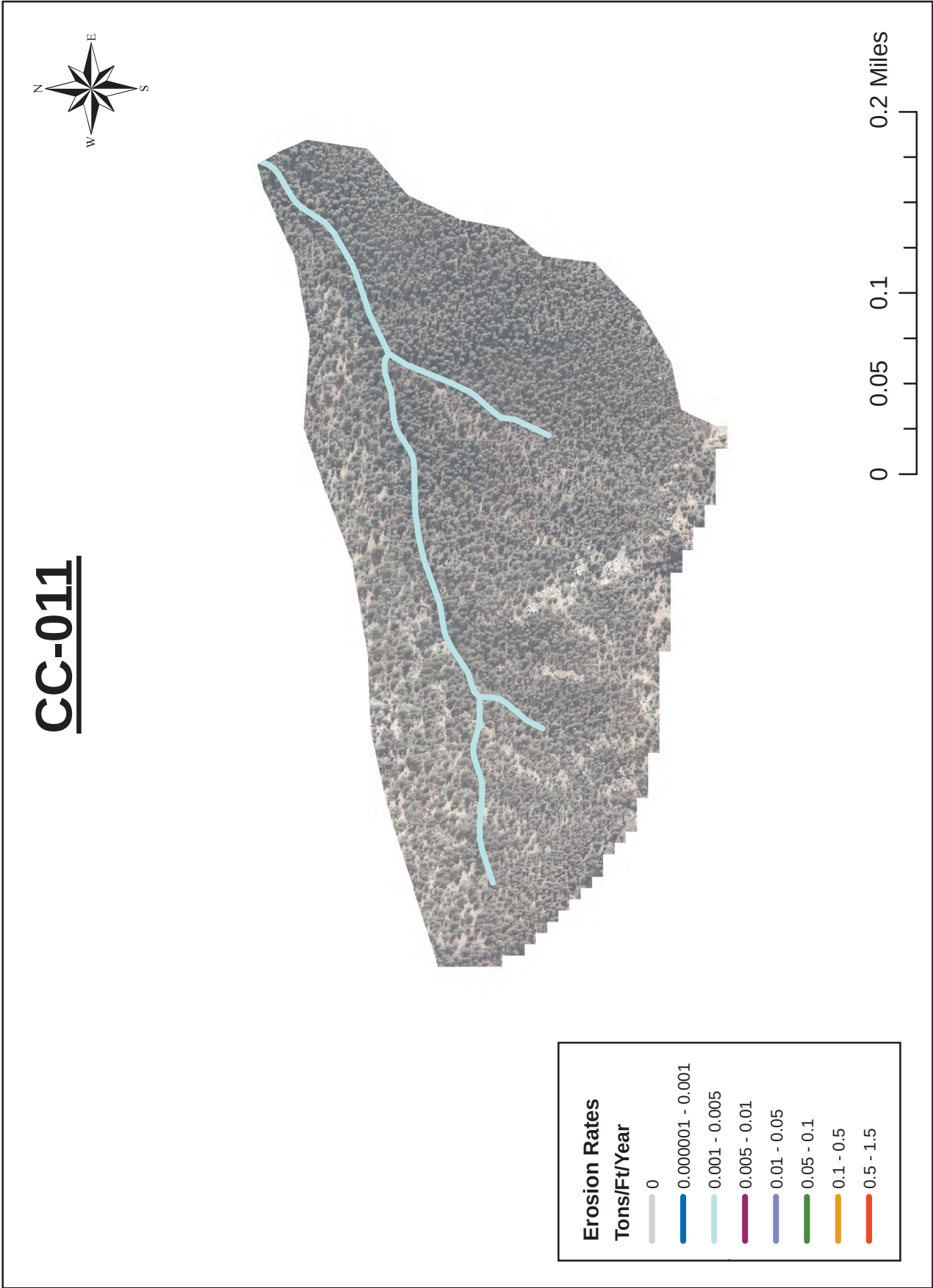


Camp Creek, Sub-Watershed 011 (CC-011)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-011							
Watershed Characteristics	Drainage Area (mi ²)	0.07		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	2.0%	98.0%			
	Drainage Density	8.50									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	Total Erosion (tons/yr)	15				
	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	0.34						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	0						
Hydrology		Q _{BKF} (cfs)	0.8118	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			88	89	1					
	Flow-Related Sediment (tons/yr)			9	9	0					
Erosion Summary			Banks	Roads	Surface Erosion	Streambed					
	Total Introduced Sediment (tons/yr)	15	Sediment (tons/yr)	15	0	0	-6				
	Total Flow Related Sediment (tons/yr)	9	Percent of Total Yield	N/A	N/A	N/A	N/A				
☐ Degradation ☒ Aggradation											

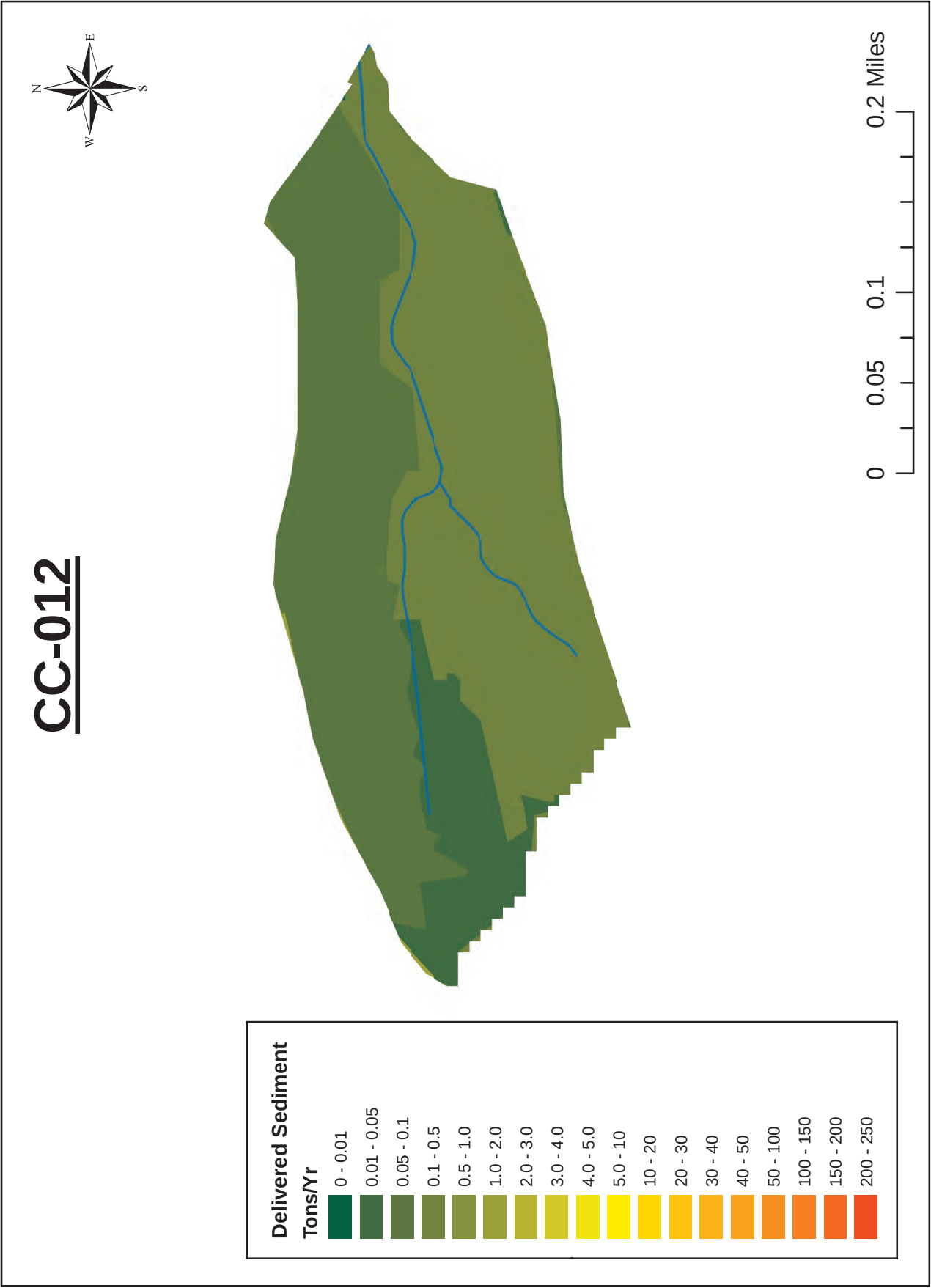


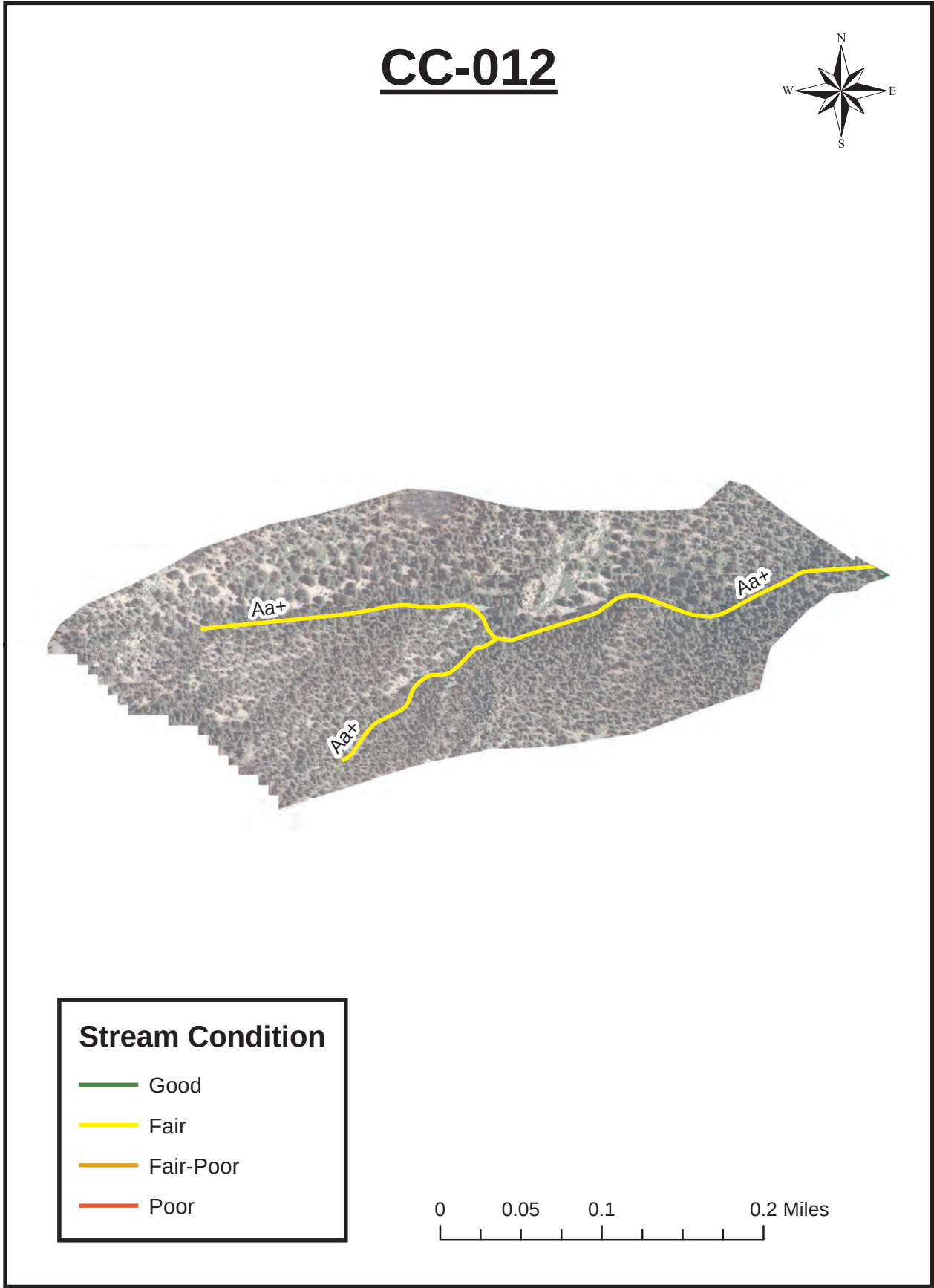


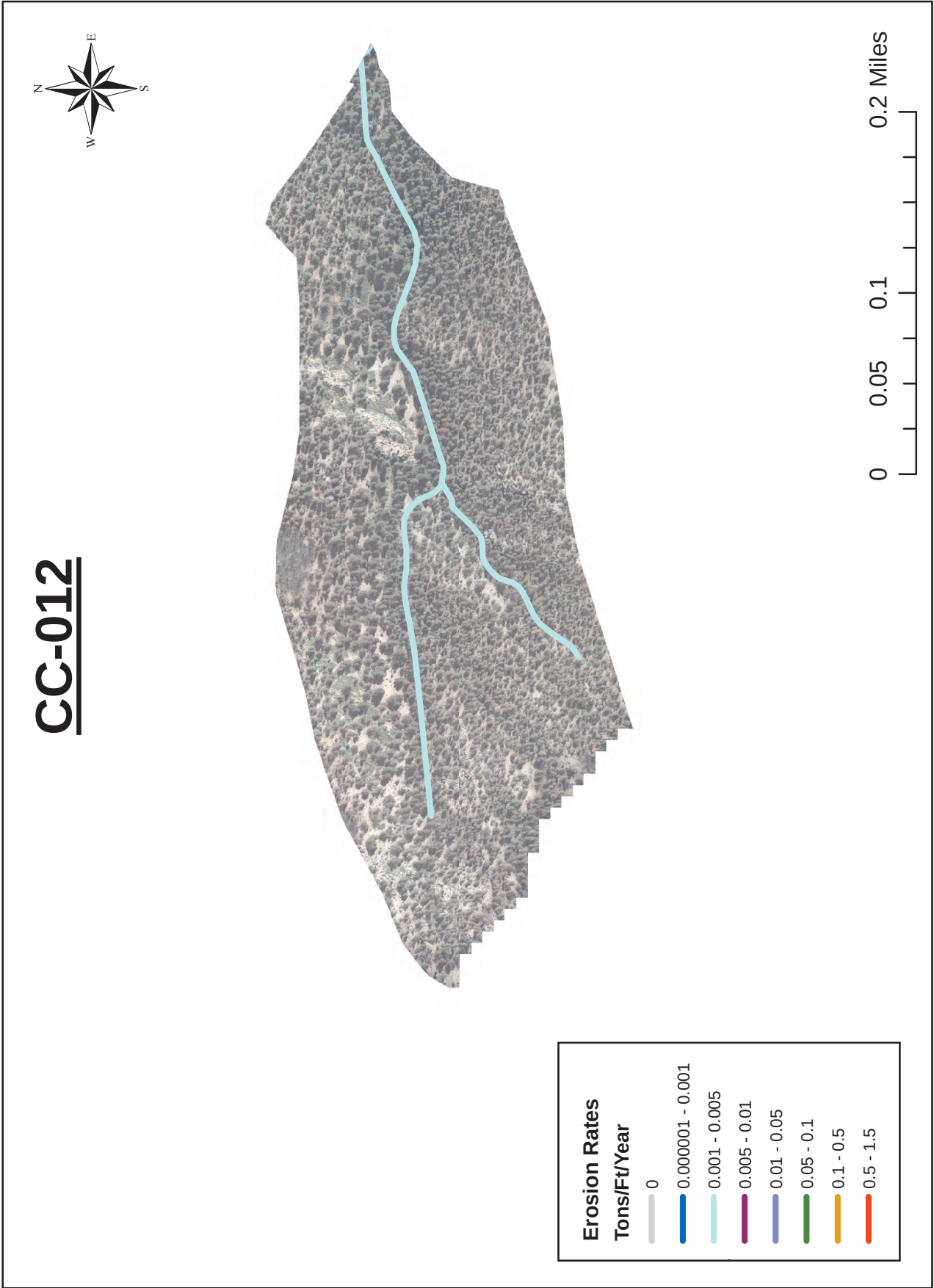


Camp Creek, Sub-Watershed 012 (CC-012)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-012							
Watershed Characteristics	Drainage Area (mi ²)	0.06		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	1.0%	19.0%	80.0%			
	Drainage Density	9.32									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	Total Erosion (tons/yr)	15				
	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	0.29						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	0						
Hydrology		Q _{BKF} (cfs)	0.7504	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	81		83	2						
	Flow-Related Sediment (tons/yr)	9		9	0						
Erosion Summary	Total Introduced Sediment (tons/yr)	15		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	15	0	0	-6			
	Total Flow Related Sediment (tons/yr)	9		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							

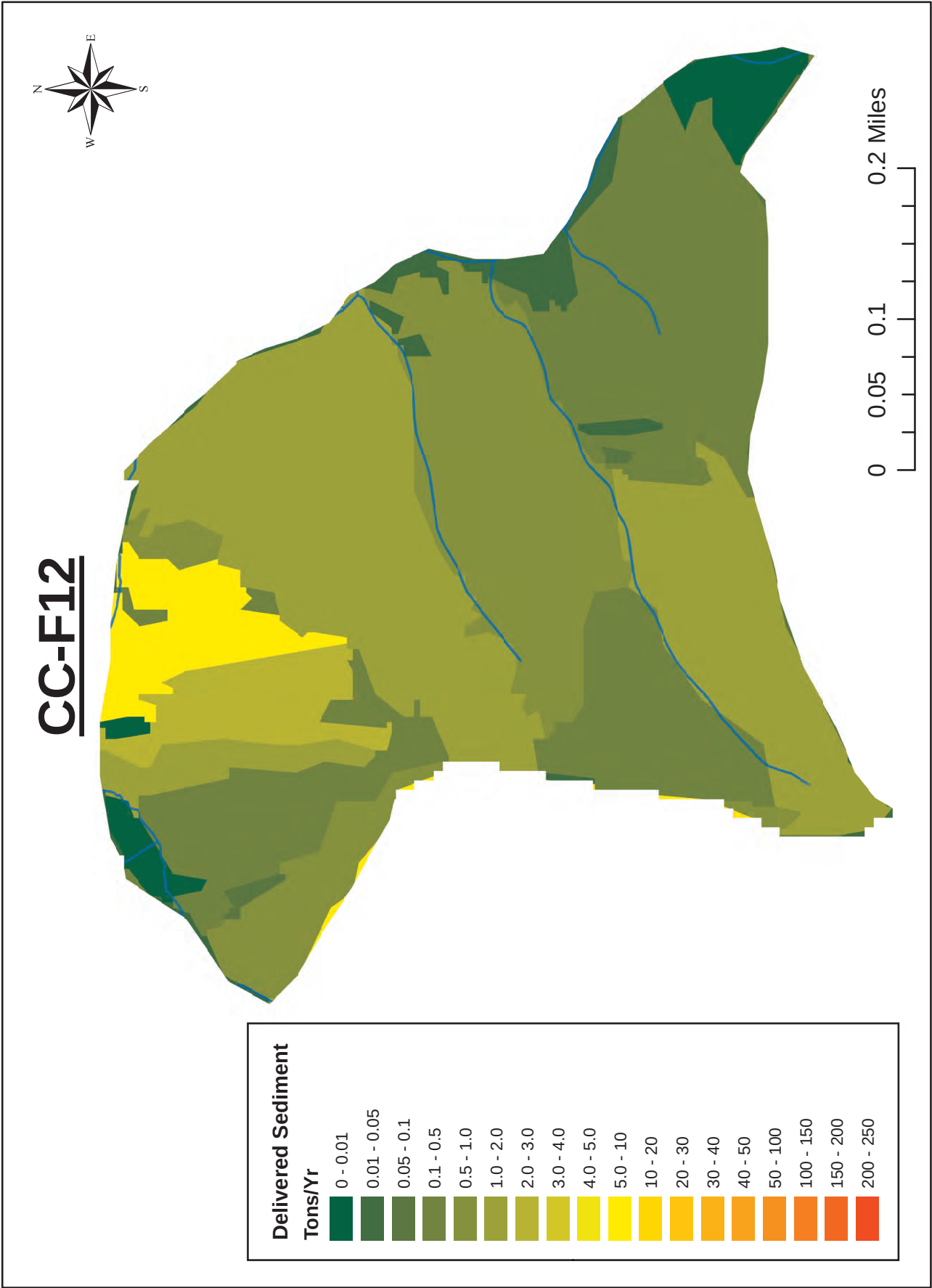


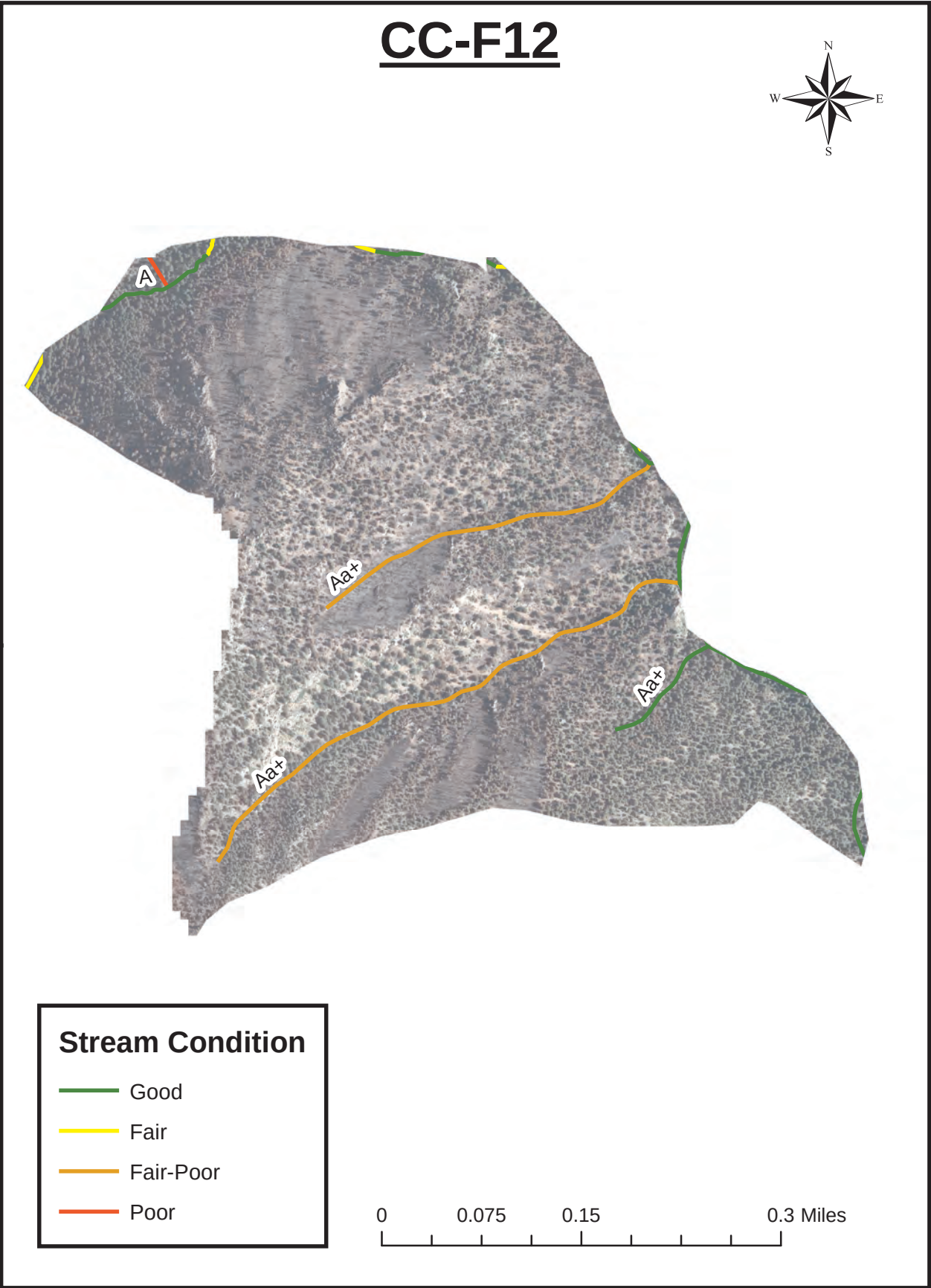


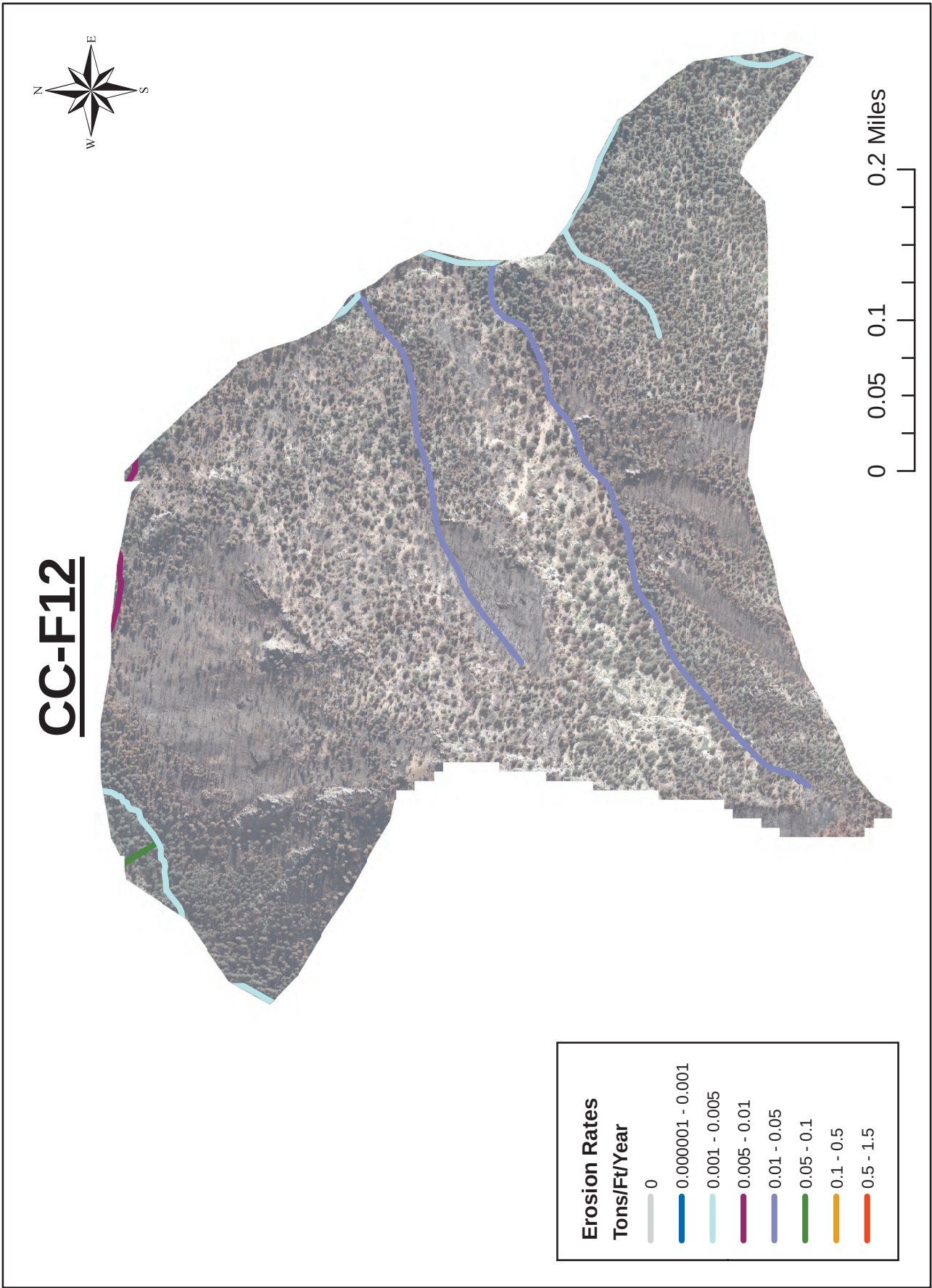


Camp Creek, Sub-Watershed F12 (CC-F12)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F12							
Watershed Characteristics	Drainage Area (mi ²)	0.18		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	17.0%	66.0%	17.0%			
	Drainage Density	4.51									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	12%	0%	88%	0%	Total Erosion (tons/yr)	93				
	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%	12%	0%	88%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	21.03						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	21						
Hydrology		Q _{BKF} (cfs)	1.5028	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	163		204	41						
	Flow-Related Sediment (tons/yr)	12		407	395						
Erosion Summary	Total Introduced Sediment (tons/yr)	114		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				93	0	21	293				
	Total Flow Related Sediment (tons/yr)	407		Percent of Total Yield	23%	0%	5%	72%			
		☒ Degradation		☐ Aggradation							

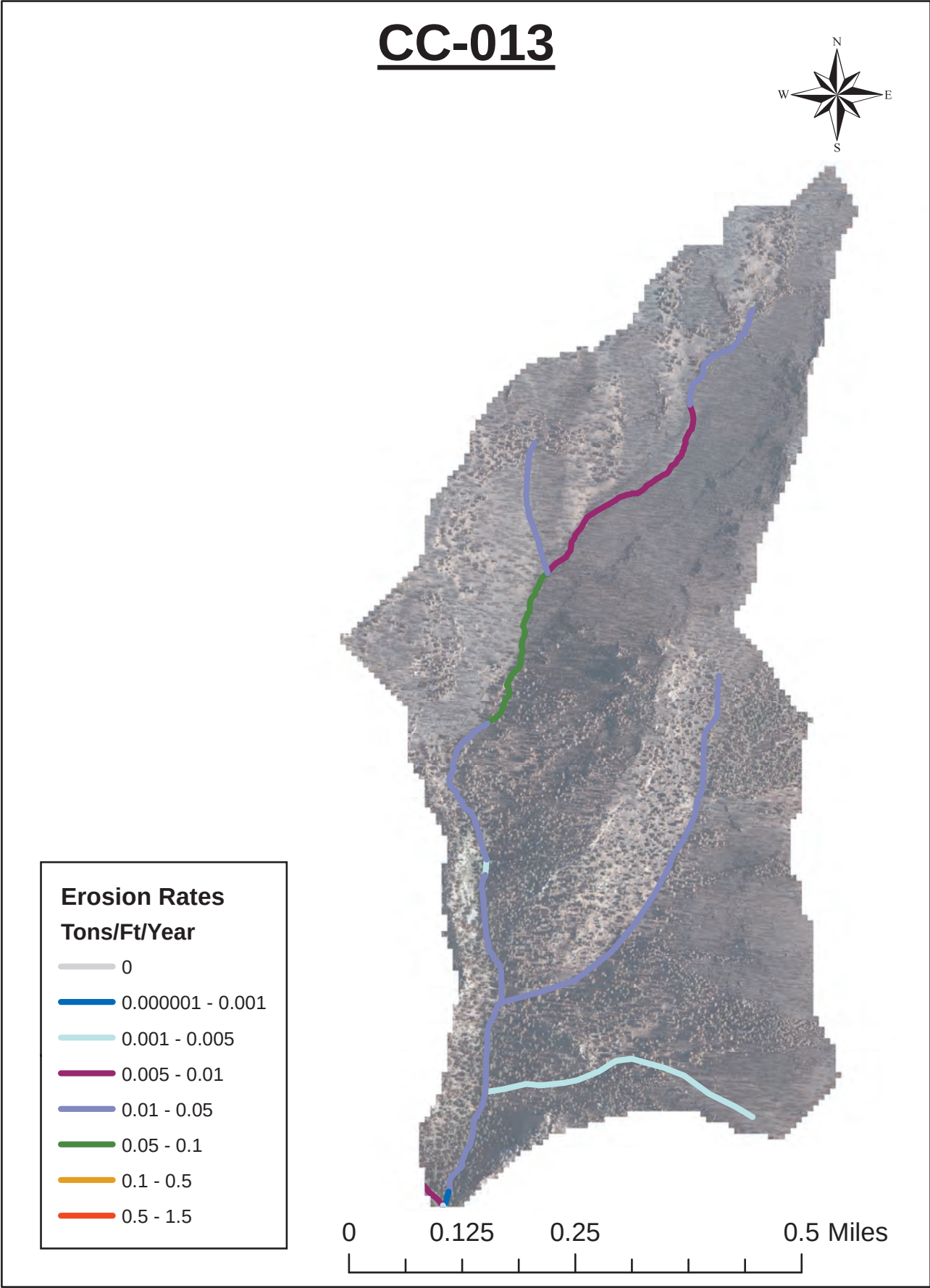


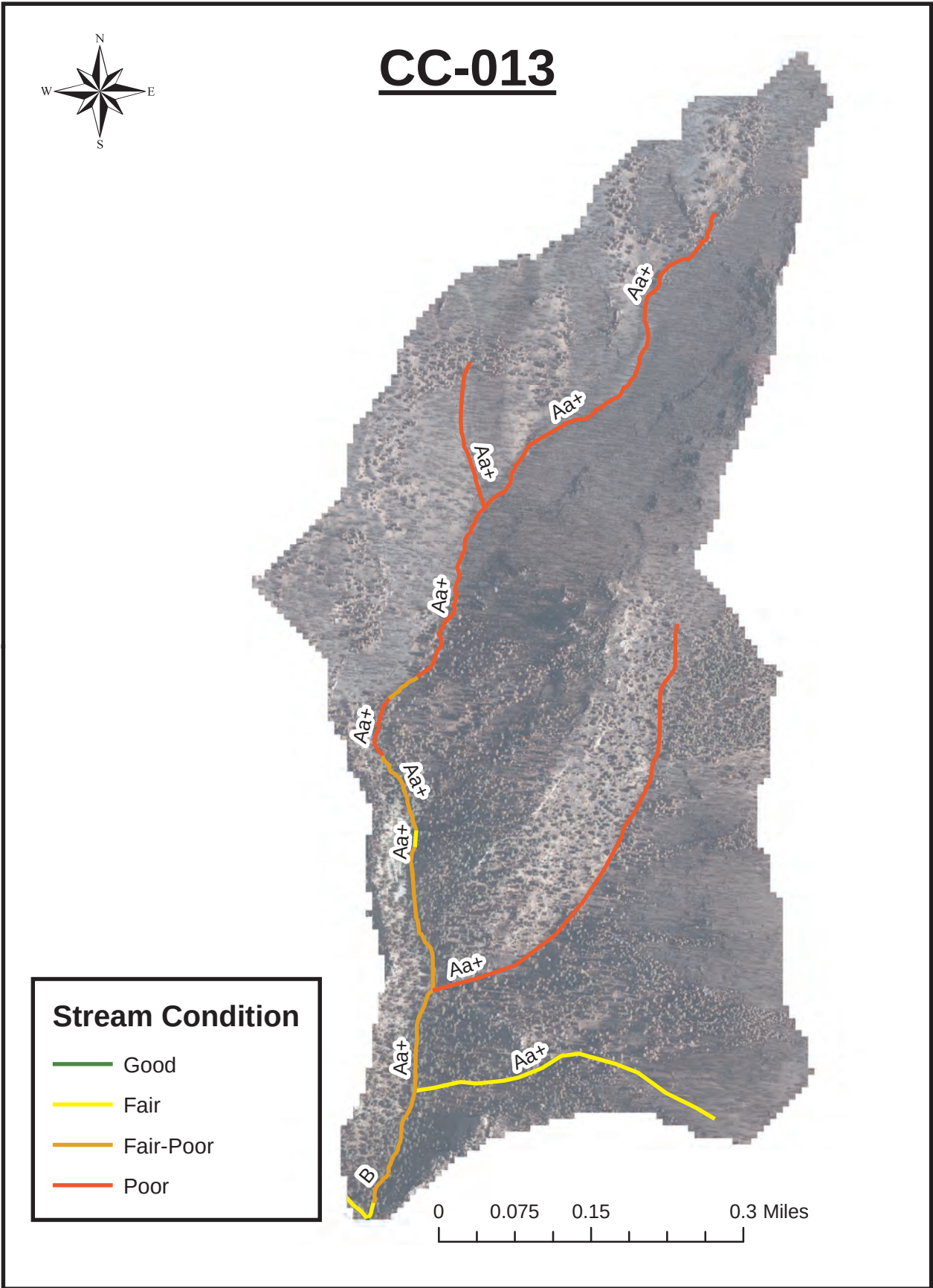


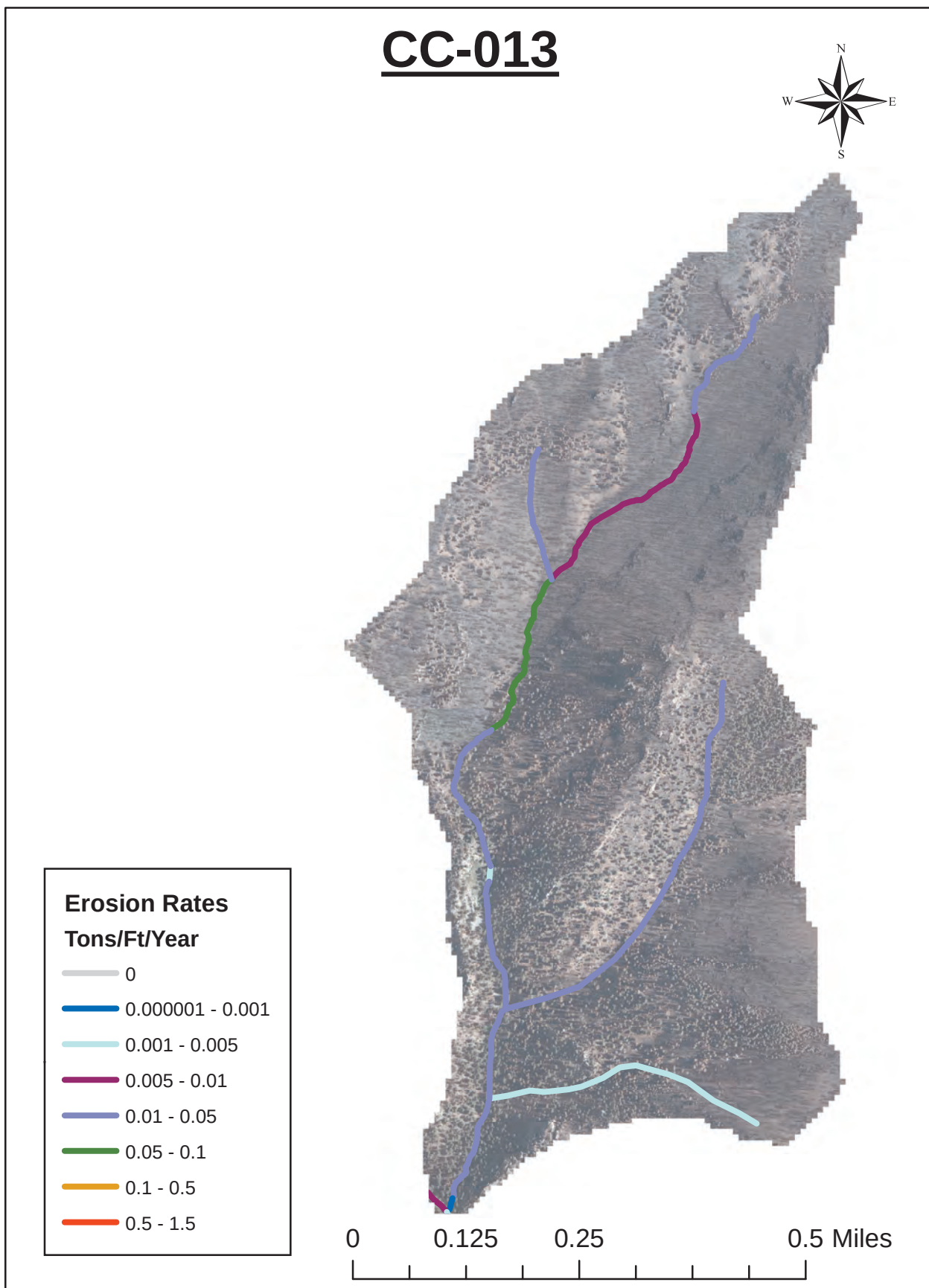


Camp Creek, Sub-Watershed 013 (CC-013)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-013							
Watershed Characteristics	Drainage Area (mi ²)	0.38		High	Moderate	Low	Unburned				
				Burn Severity (%)	6.0%	60.0%	33.0%	1.0%			
	Drainage Density	5.62									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		96%	0%	2%	0%	1%	2%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	16%	23%	60%	Total Erosion (tons/yr)	219				
	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%	1%	16%	12%	62%	9%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	138.64						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	139						
Hydrology	Q _{BKF} (cfs)	2.4927		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			270	392	122					
	Flow-Related Sediment (tons/yr)			389	1,635	1,246					
Erosion Summary	Total Introduced Sediment (tons/yr)	358		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				219	0	139	1,277				
	Total Flow Related Sediment (tons/yr)	1,635		Percent of Total Yield	13%	0%	8%	78%			
		☒ Degradation		☐ Aggradation							

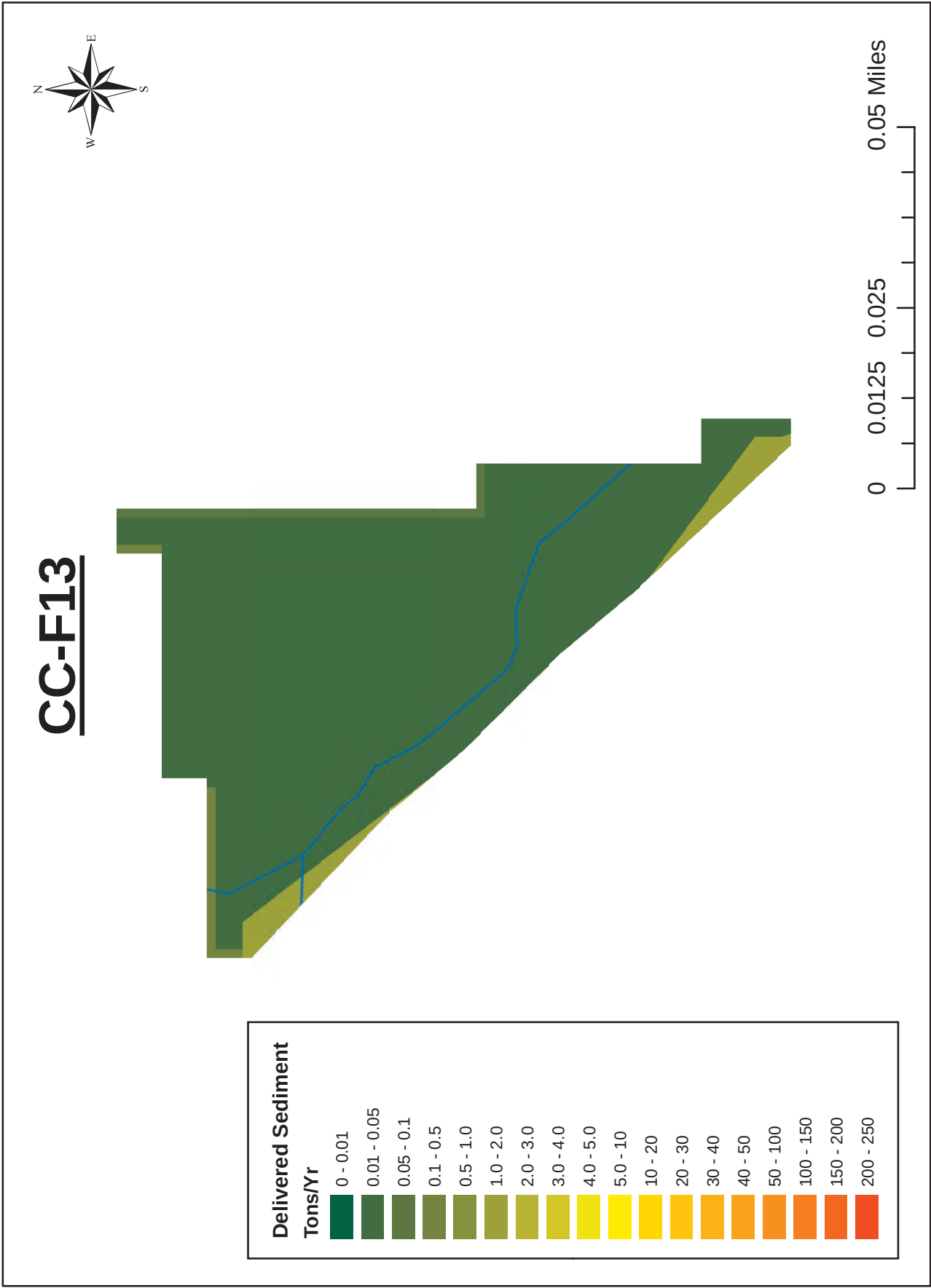


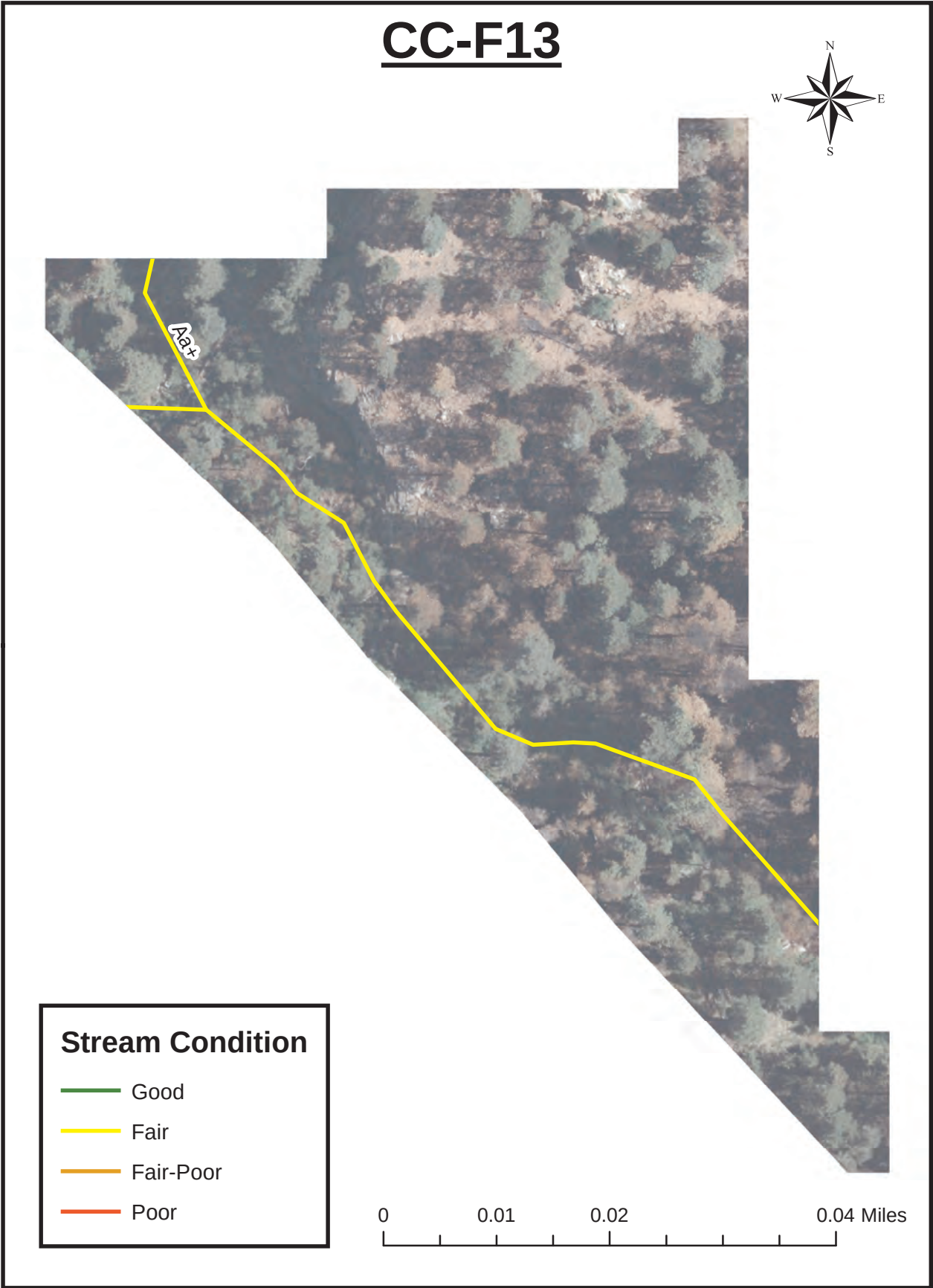


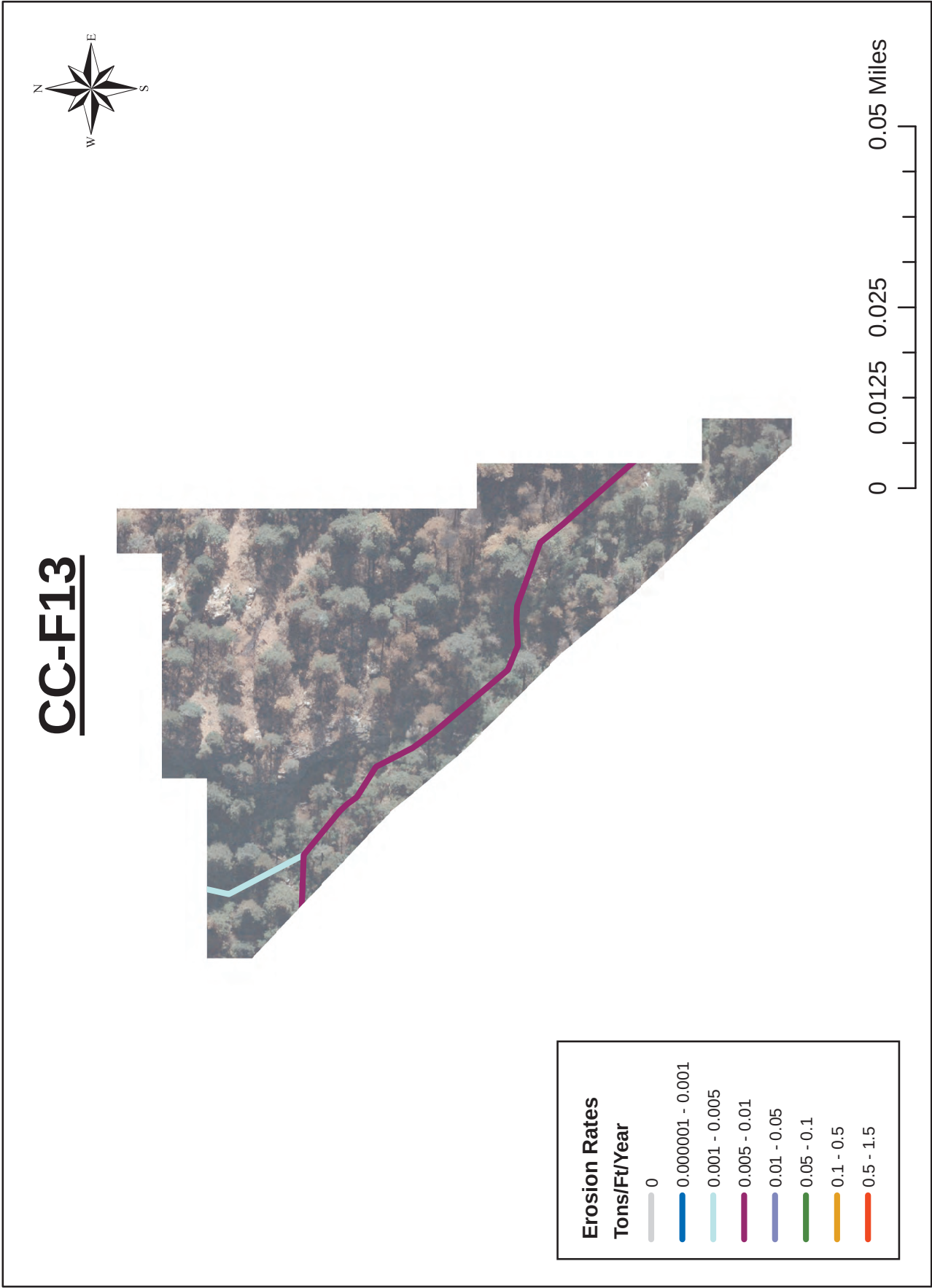


Camp Creek, Sub-Watershed F13 (CC-F13)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F13							
Watershed Characteristics	Drainage Area (mi ²)	0.00		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	100.0%	0.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	0.03						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	0						
Hydrology		Q _{BKF} (cfs)	0.1011	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	11		N/A	N/A						
	Flow-Related Sediment (tons/yr)	4		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	0		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					0	0	0	N/A			
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
☐ Degradation ☐ Aggradation											

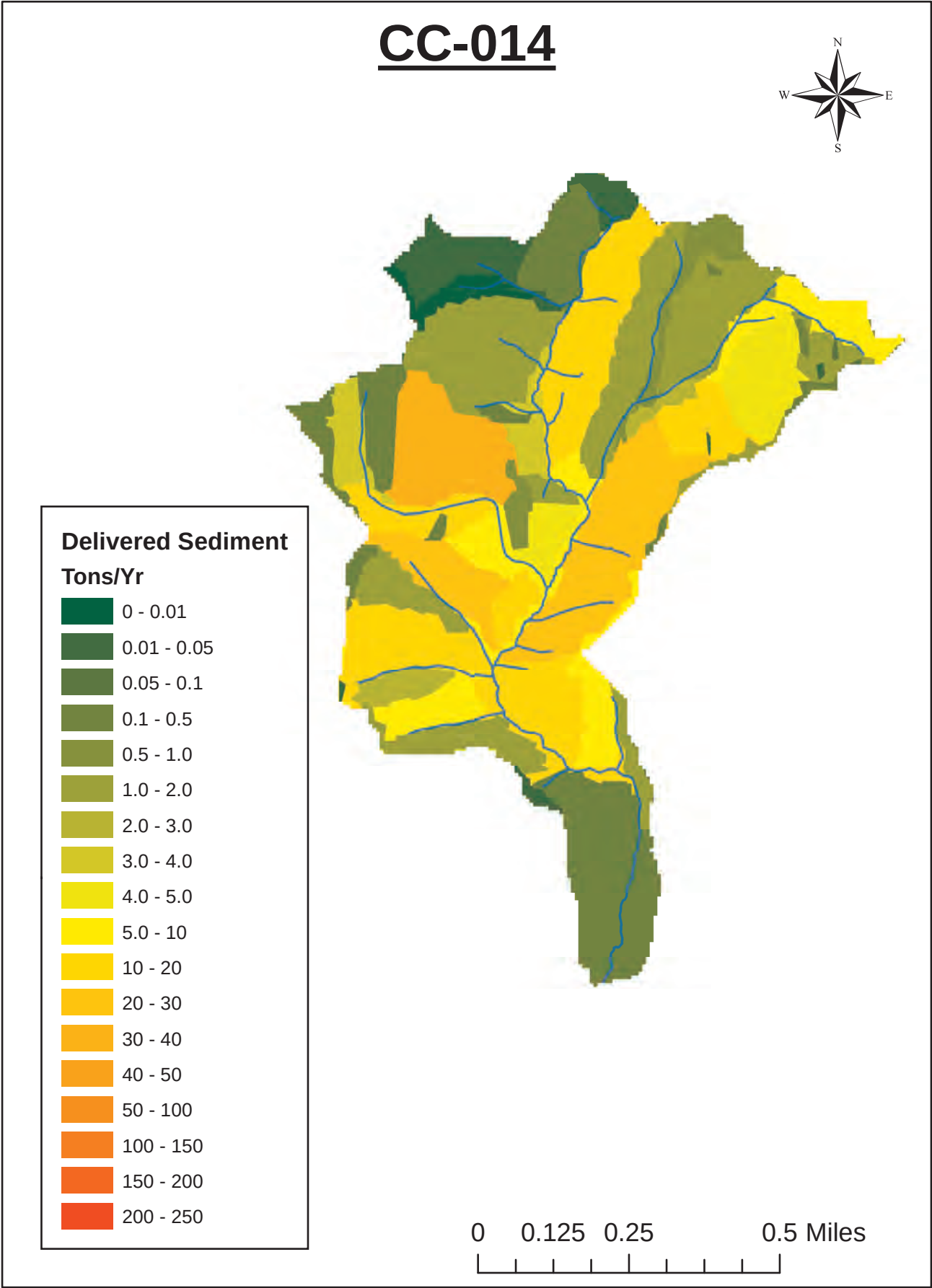






Camp Creek, Sub-Watershed 014 (CC-014)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-014							
Watershed Characteristics	Drainage Area (mi ²)	0.58		High	Moderate	Low	Unburned				
				Burn Severity (%)	17.0%	59.0%	22.0%	2.0%			
	Drainage Density	9.12									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		84%	8%	0%	0%	6%	0%	0%	0%	1%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	4%	16%	5%	76%	Total Erosion (tons/yr)	578				
	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	2%	1%	15%	25%	51%	3%	3%	0%	0%	
Hillslope Processes	Length of Road (ft)	2,591		Sediment from Surface Erosion (tons/yr)	255.24						
	Total Sediment from Roads (tons/yr)	3.61		Introduced Sediment Roads & Hillslope (tons/yr)	259						
Hydrology	Q _{BKF} (cfs)	3.3003		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			358	540	182					
	Flow-Related Sediment (tons/yr)			17	2,288	2,271					
Erosion Summary	Total Introduced Sediment (tons/yr)	837		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				578	4	255	1,451				
	Total Flow Related Sediment (tons/yr)	2,288		Percent of Total Yield	25%	0%	11%	63%			
		☒ Degradation		☐ Aggradation							



CC-014



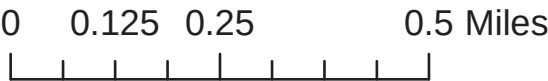
Road Surface
Road Surface

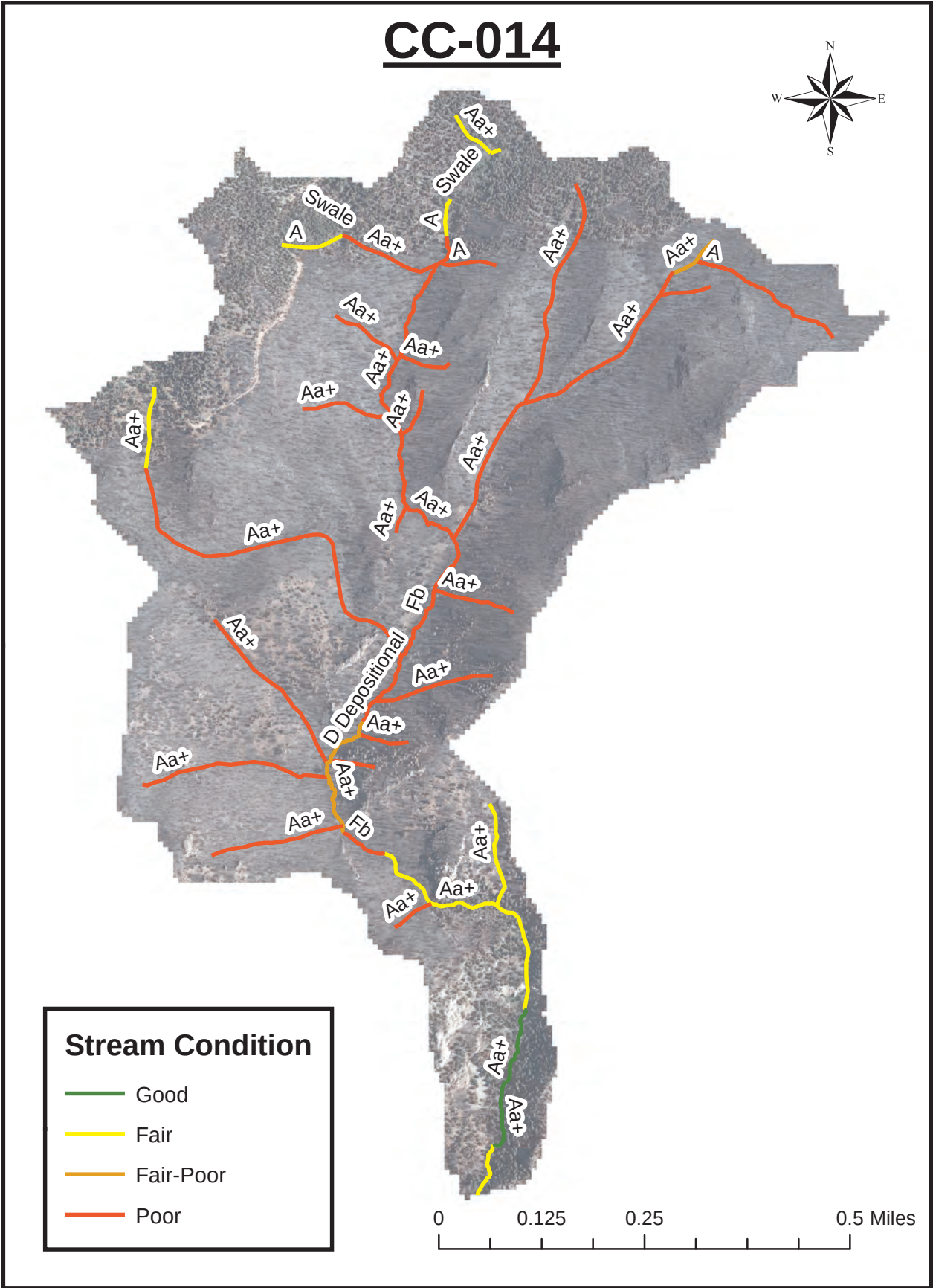
Dirt

Gravel

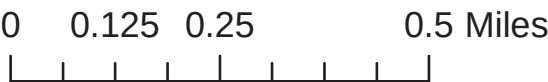
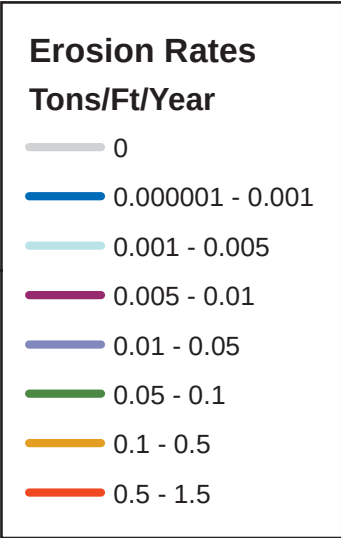
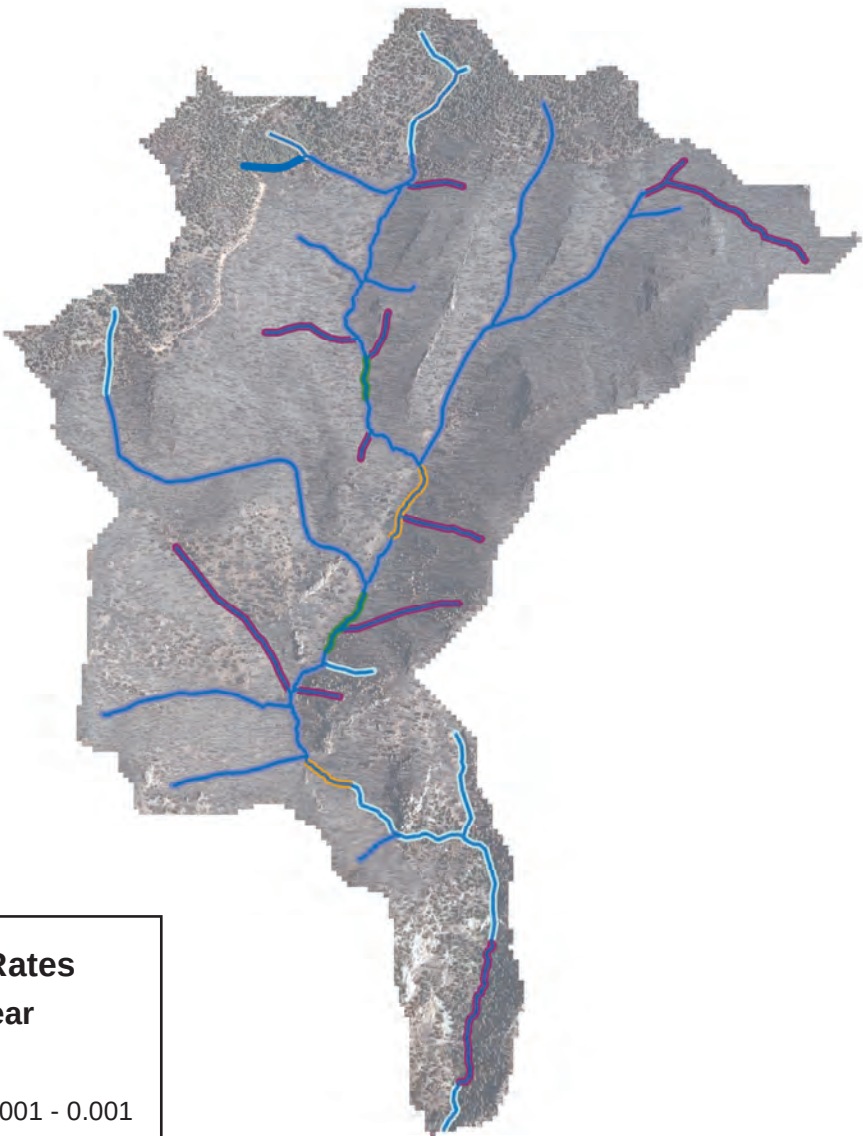
Pavement

Trail



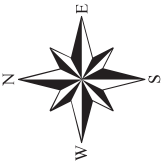


CC-014

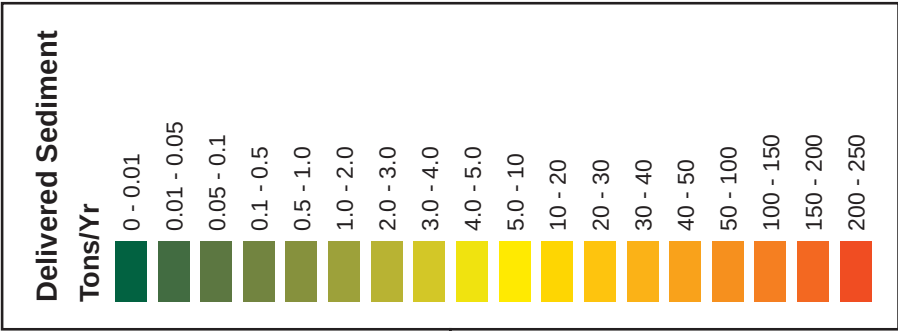
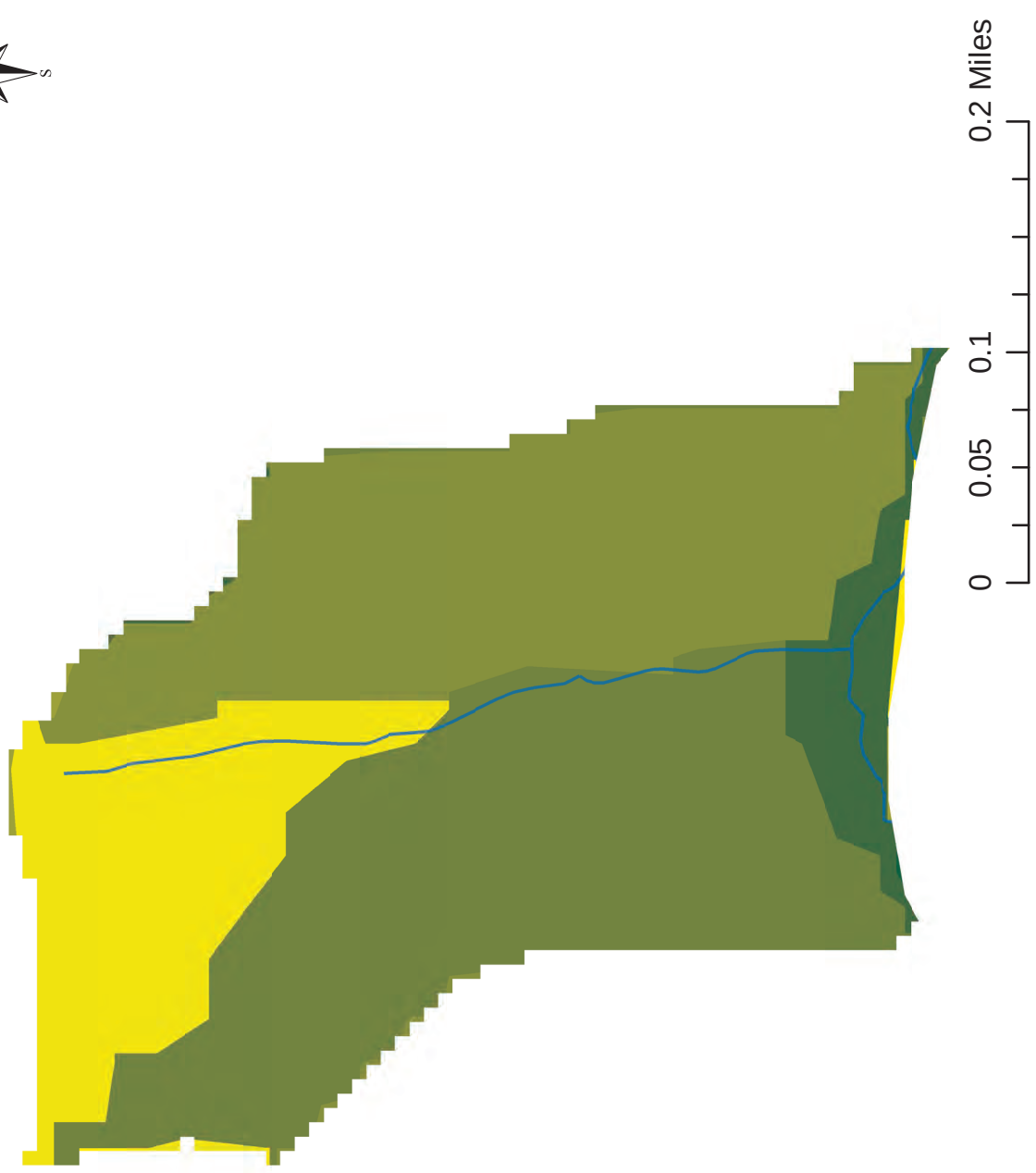


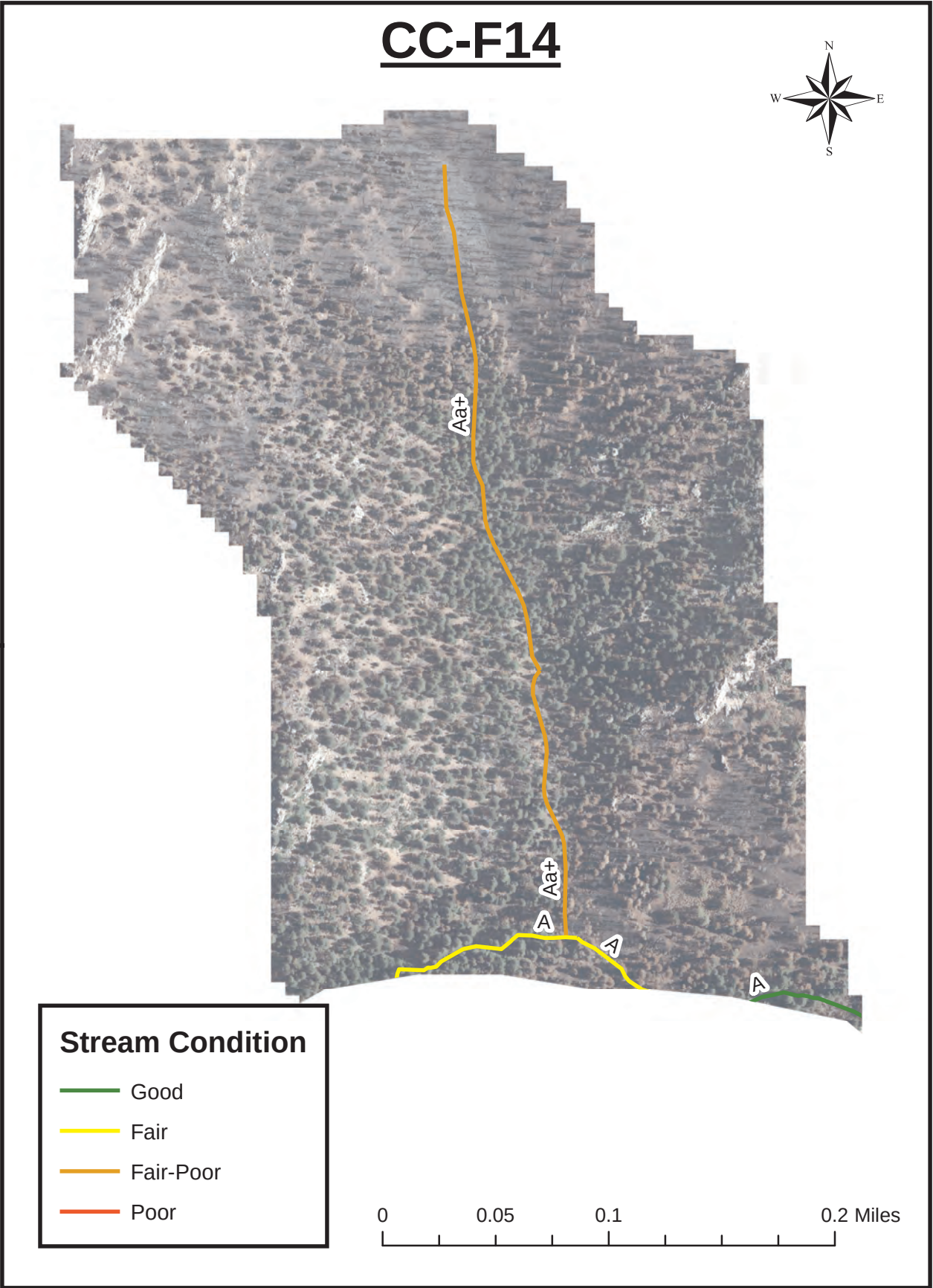
Camp Creek, Sub-Watershed F14 (CC-F14)

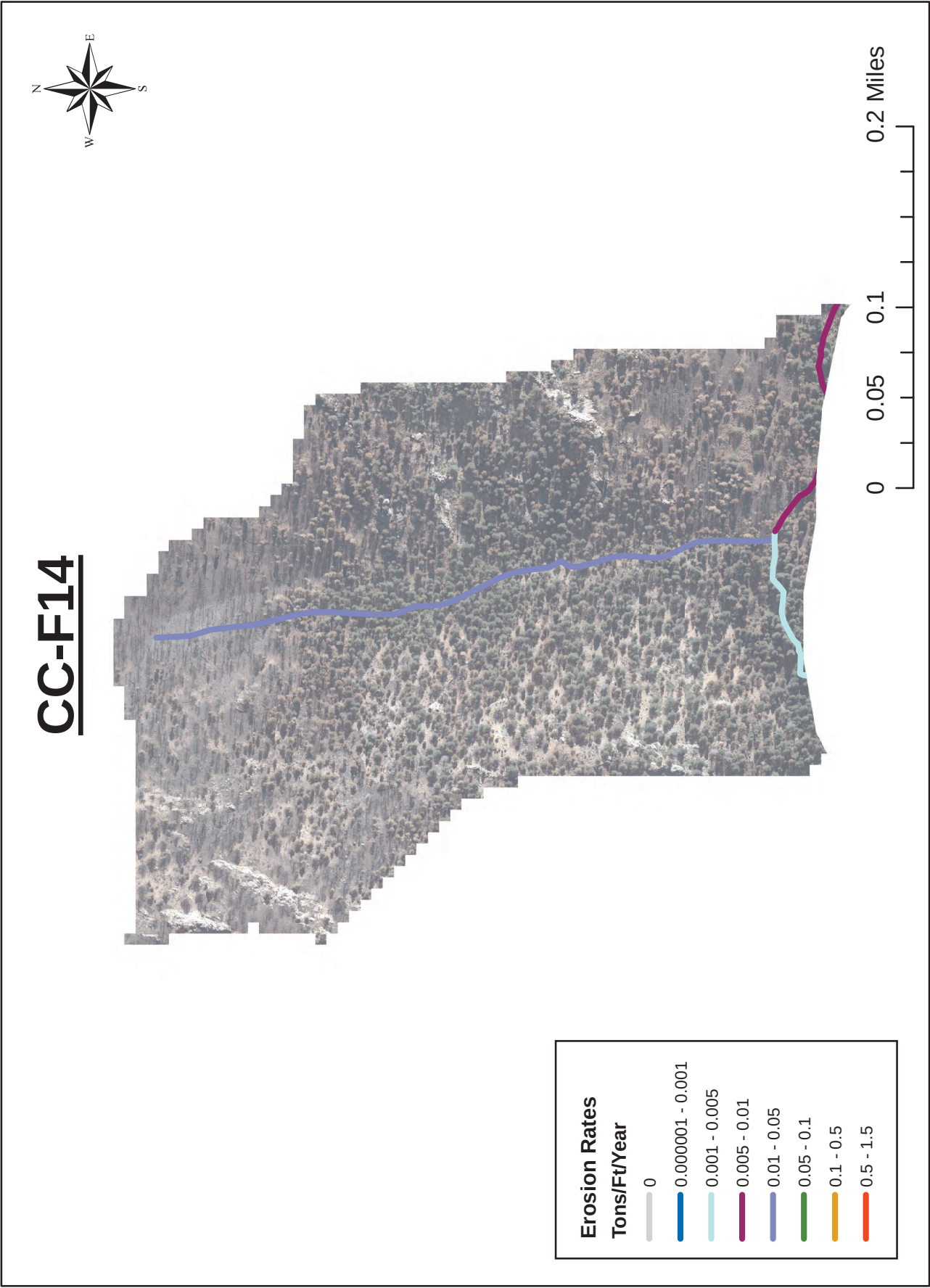
Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F14								
Watershed Characteristics	Drainage Area (mi ²)	0.09		High	Moderate	Low	Unburned					
	Burn Severity (%)		0.0%	22.0%	74.0%	3.0%						
	Drainage Density	3.83										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion	Good		Fair	Fair-Poor	Poor	Total Erosion (tons/yr)		46				
	Percent of Stream Conditions		0%	0%	100%	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%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		6.31						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		6						
Hydrology	Q _{BKF} (cfs)	0.9775		Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		106		129	23						
	Flow-Related Sediment (tons/yr)		10		267	257						
Erosion Summary	Total Introduced Sediment (tons/yr)	53		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			46		0	6	214					
	Total Flow Related Sediment (tons/yr)	267		Percent of Total Yield	17%	0%	2%	80%				
		☒ Degradation		☐ Aggradation								



CC-F14

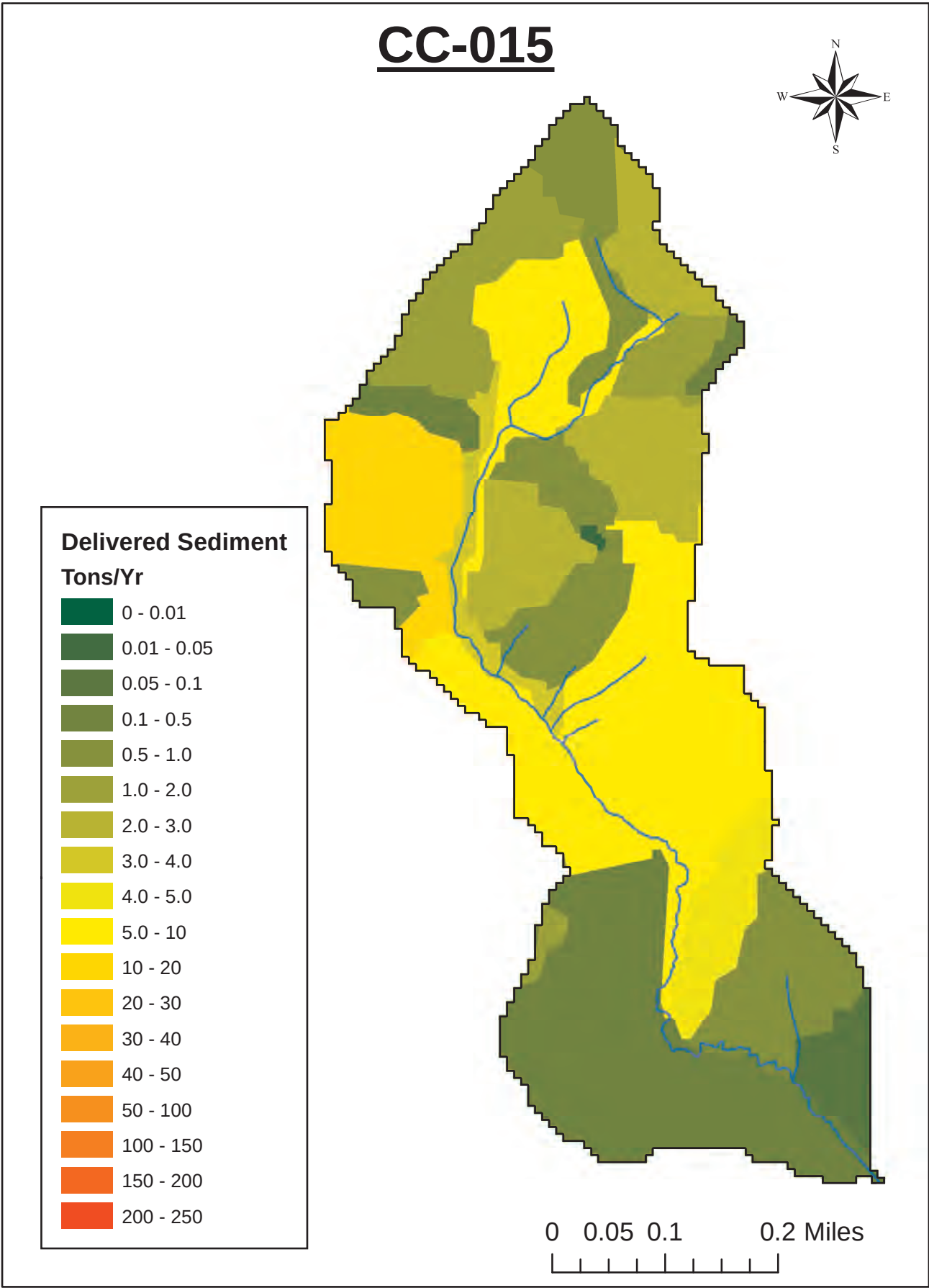


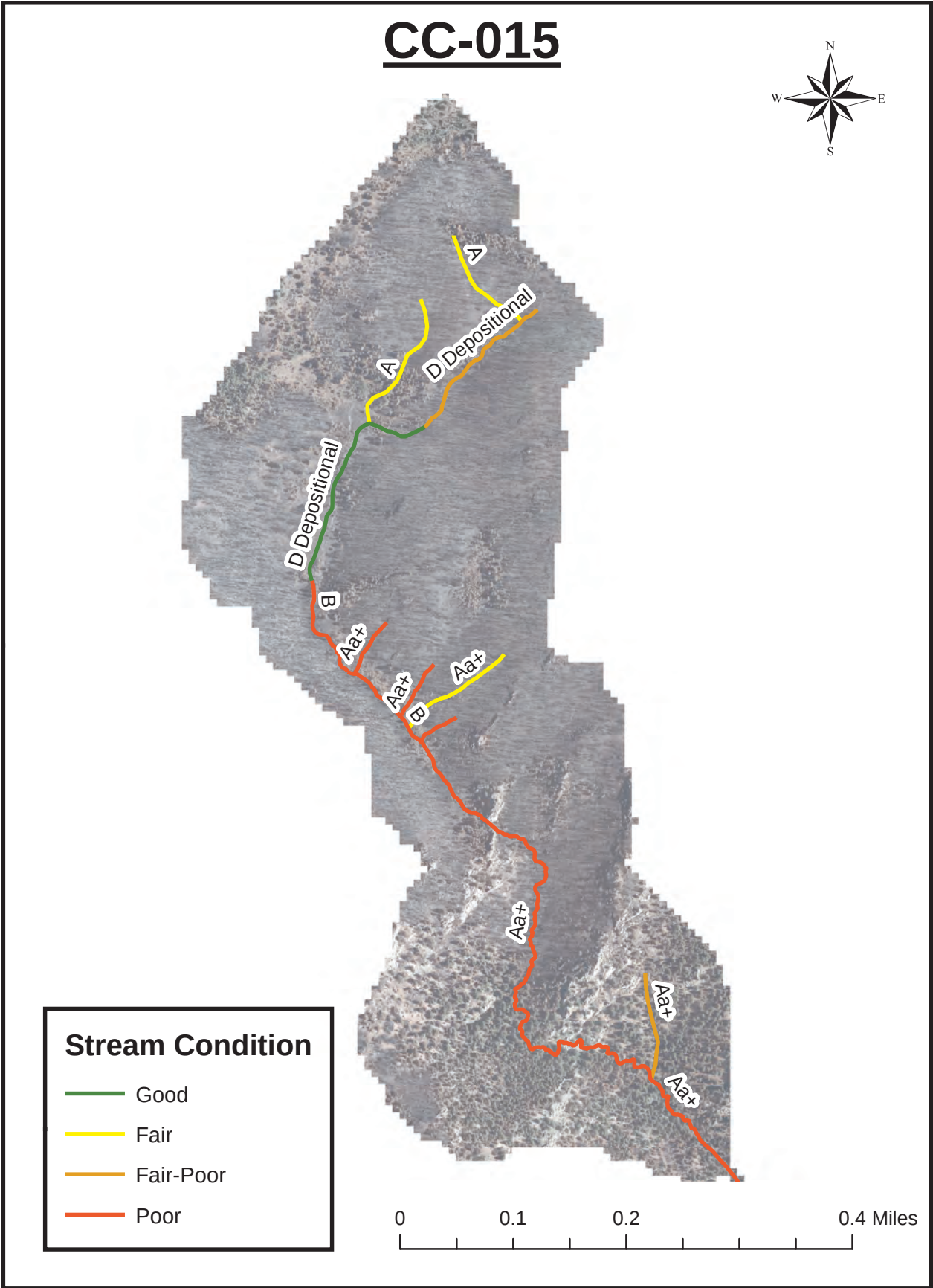


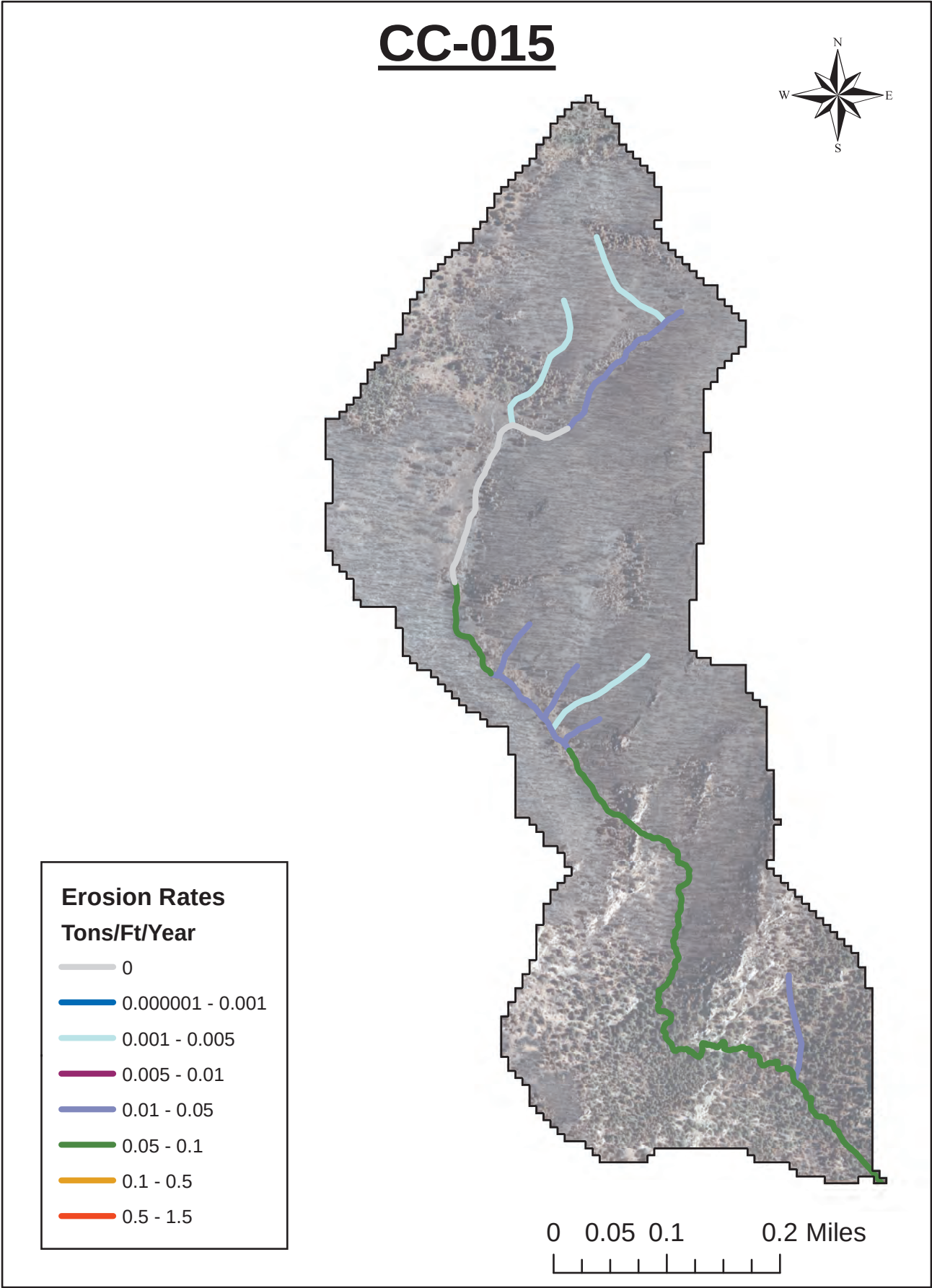


Camp Creek, Sub-Watershed 015 (CC-015)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-015							
Watershed Characteristics	Drainage Area (mi ²)	0.24		High	Moderate	Low	Unburned				
				Burn Severity (%)	16.0%	55.0%	28.0%	1.0%			
	Drainage Density	7.54									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		52%	13%	11%	0%	24%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	11%	19%	14%	56%	Total Erosion (tons/yr)	422				
	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	11%	0%	19%	0%	27%	42%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	63.74						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	64						
Hydrology		Q _{BKF} (cfs)	1.8471	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	200		268	68						
	Flow-Related Sediment (tons/yr)	13		1,073	1,060						
Erosion Summary	Total Introduced Sediment (tons/yr)	486		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				422	0	64	588				
	Total Flow Related Sediment (tons/yr)	1,073		Percent of Total Yield	39%	0%	6%	55%			
☒ Degradation ☐ Aggradation											

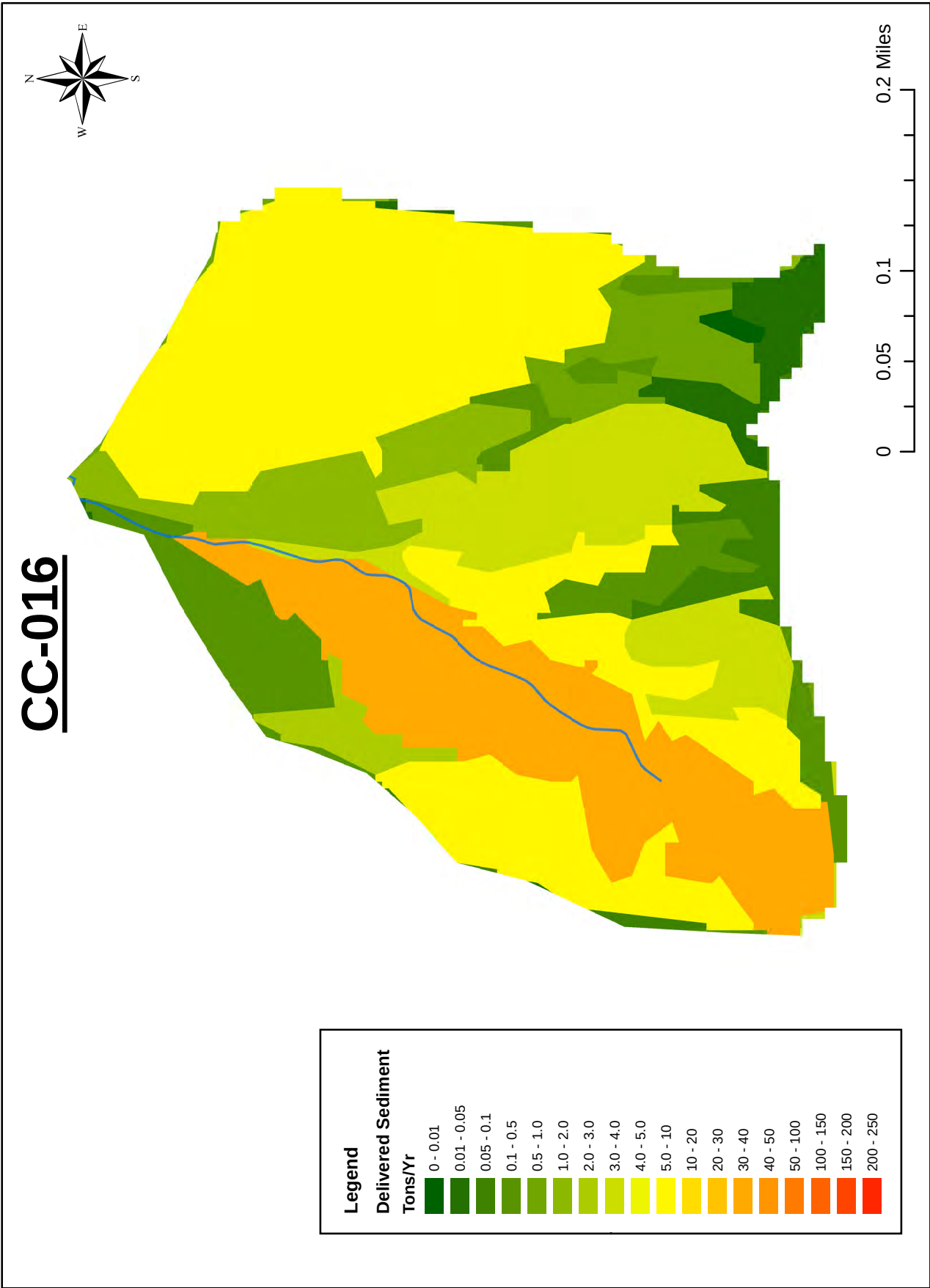


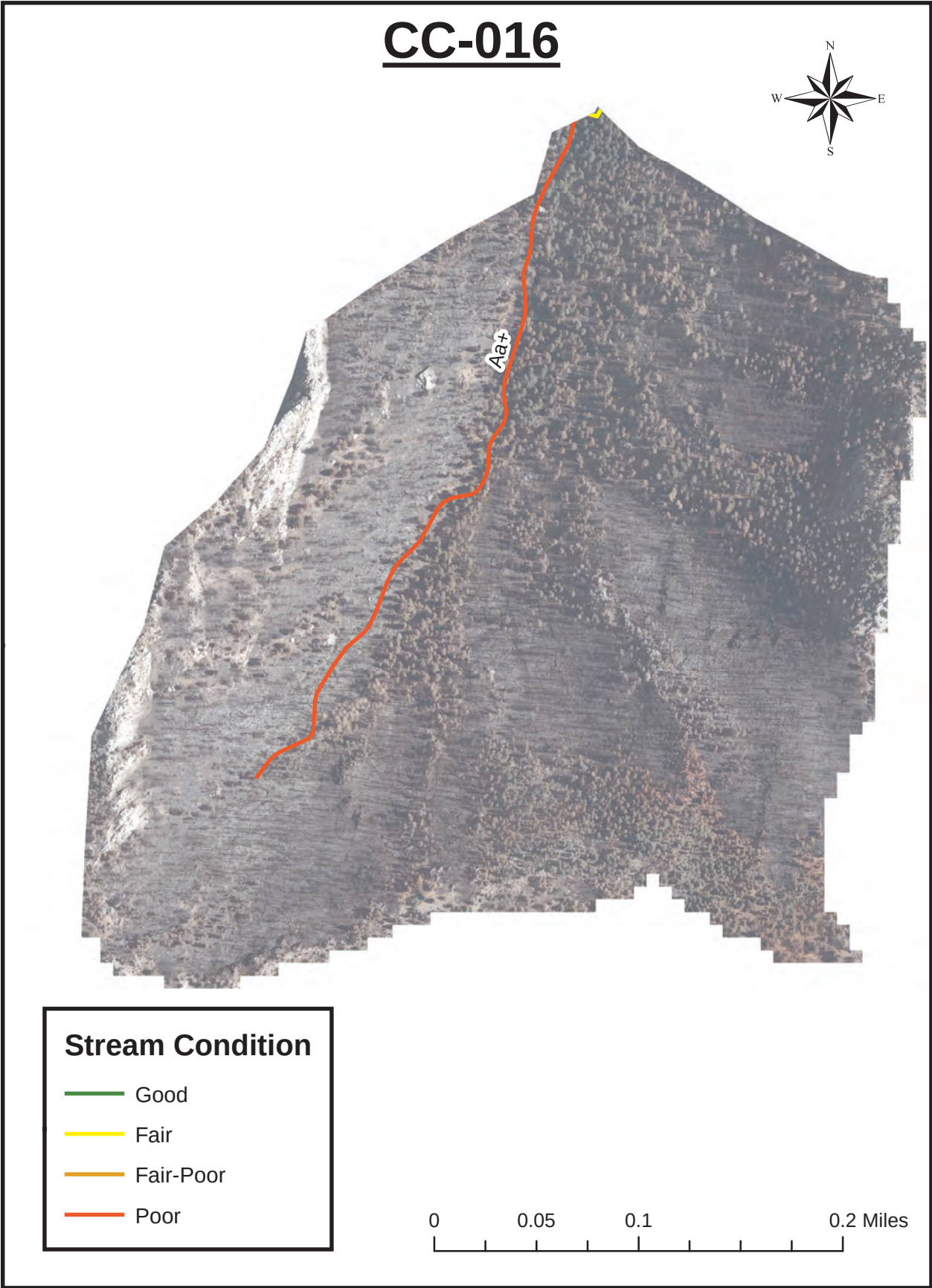


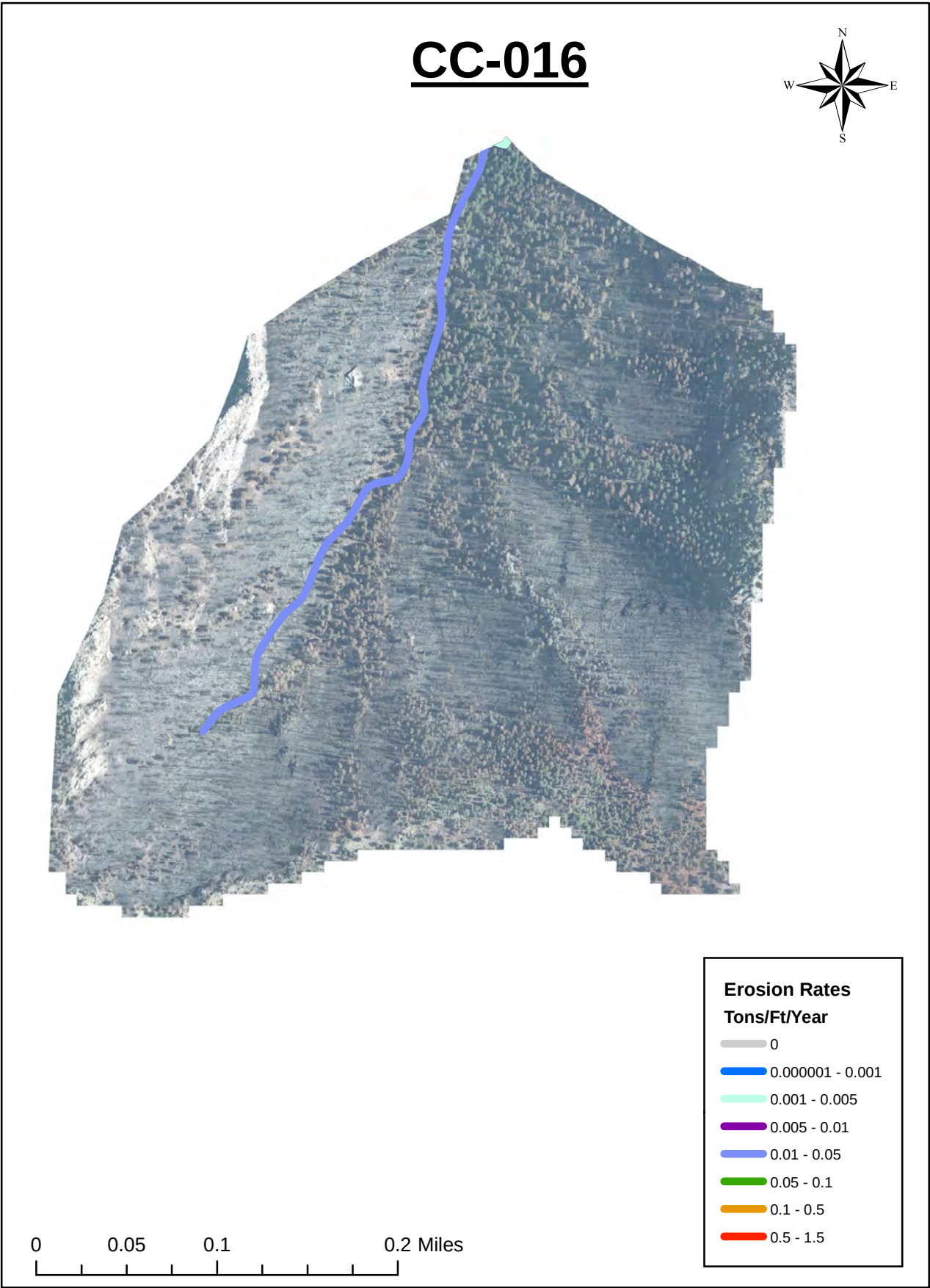


Camp Creek, Sub-Watershed 016 (CC-016)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-016							
Watershed Characteristics	Drainage Area (mi ²)	0.12		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	55.0%	43.0%	2.0%			
	Drainage Density	3.22									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	100%	Total Erosion (tons/yr)	61				
	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%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	62.84						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	63						
Hydrology		Q _{BKF} (cfs)	1.167	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	127		154	28						
	Flow-Related Sediment (tons/yr)	11		606	595						
Erosion Summary	Total Introduced Sediment (tons/yr)	123		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				61	0	63	482				
	Total Flow Related Sediment (tons/yr)	606		Percent of Total Yield	10%	0%	10%	80%			
☒ Degradation ☐ Aggradation											

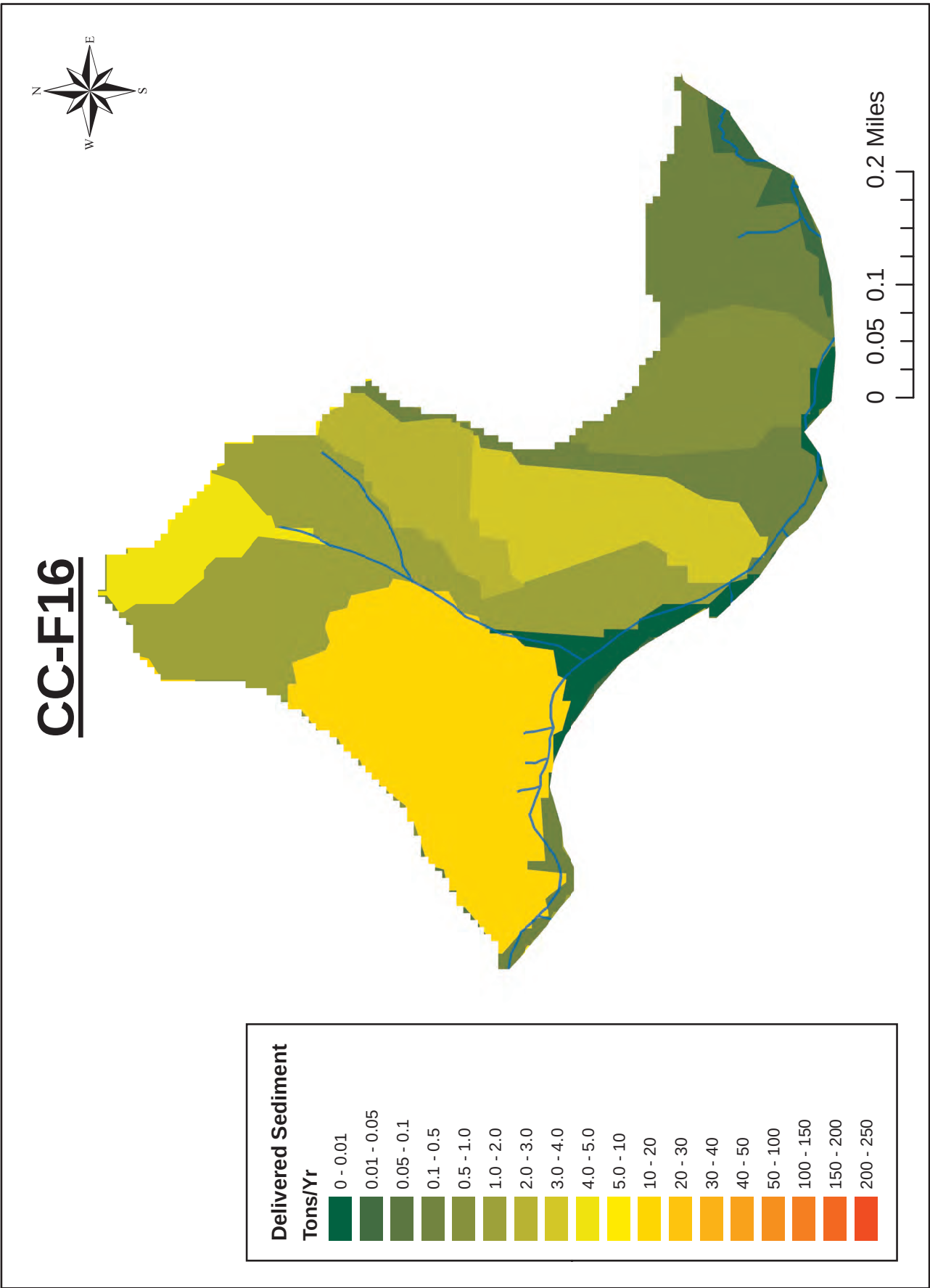


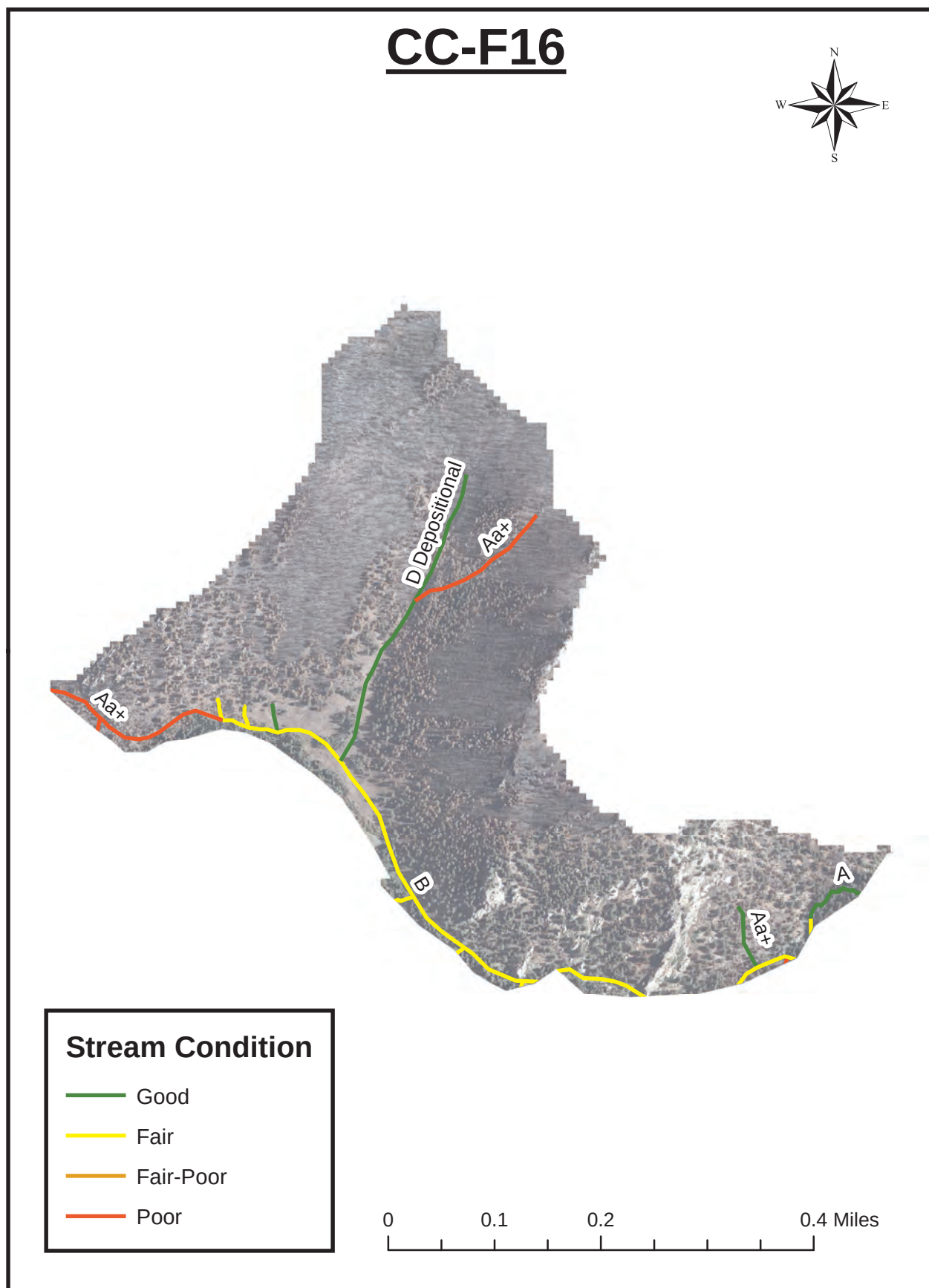


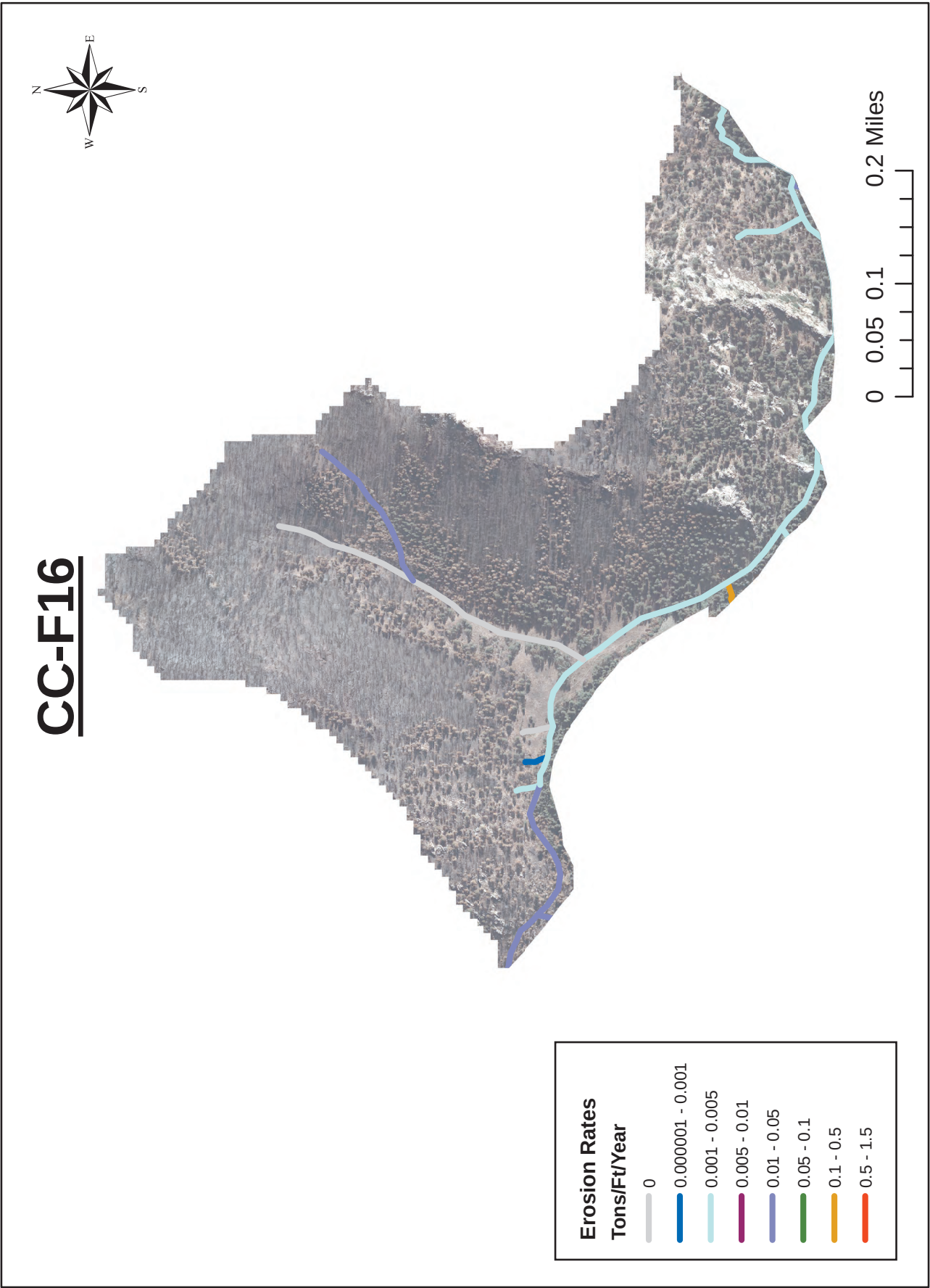


Camp Creek, Sub-Watershed F16 (CC-F16)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F16							
Watershed Characteristics	Drainage Area (mi ²)	0.19		High	Moderate	Low	Unburned				
				Burn Severity (%)	3.0%	47.0%	44.0%	7.0%			
	Drainage Density	2.95									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		40%	0%	0%	0%	60%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	67%	8%	0%	25%	Total Erosion (tons/yr)	13				
	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	57%	4%	15%	0%	25%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	29.95						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	30						
Hydrology		Q _{BKF} (cfs)	1.6025	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	174		200	26						
	Flow-Related Sediment (tons/yr)	12		17	5						
Erosion Summary	Total Introduced Sediment (tons/yr)	43		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					13	0	30	-25			
	Total Flow Related Sediment (tons/yr)	17		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							



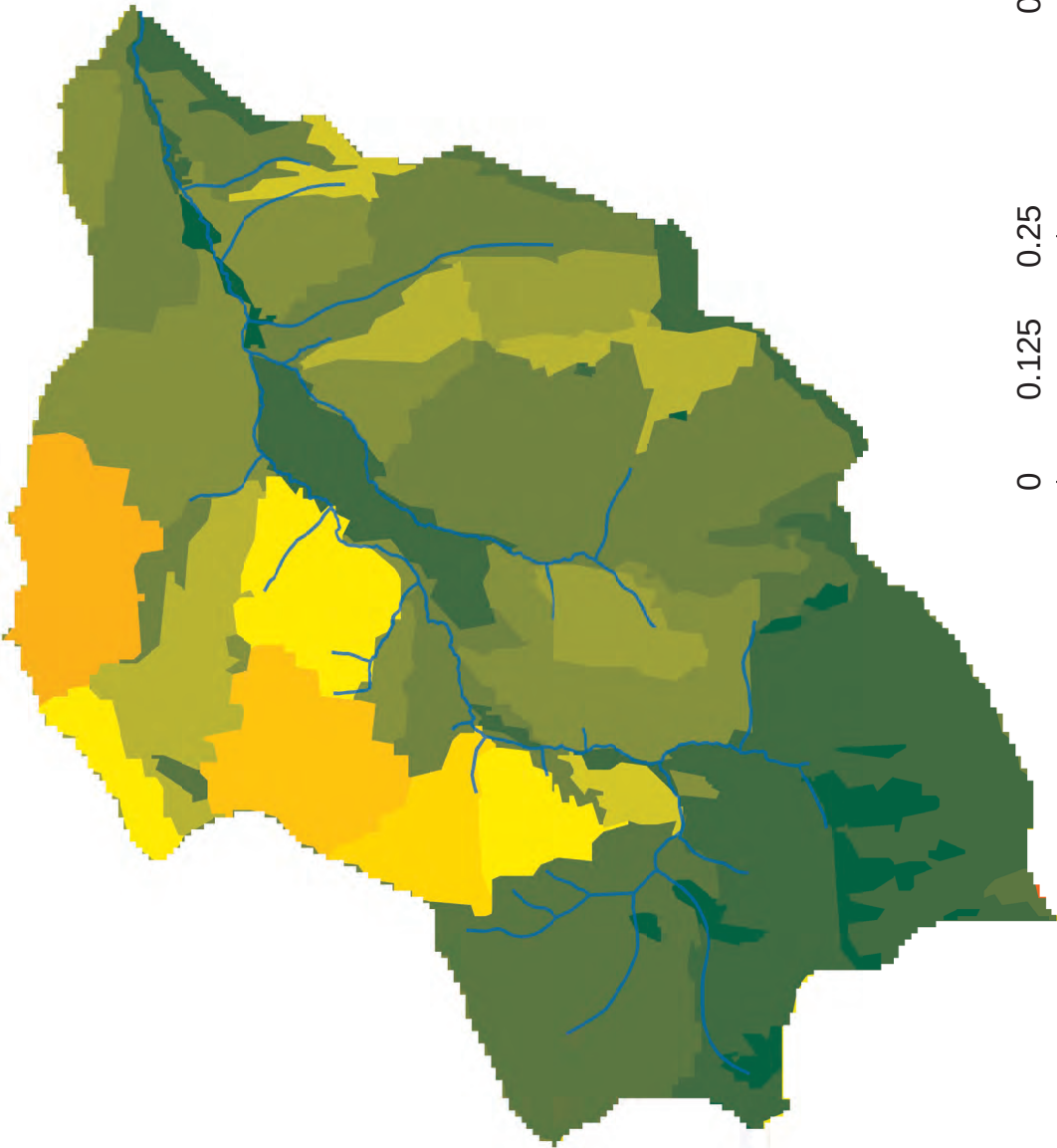
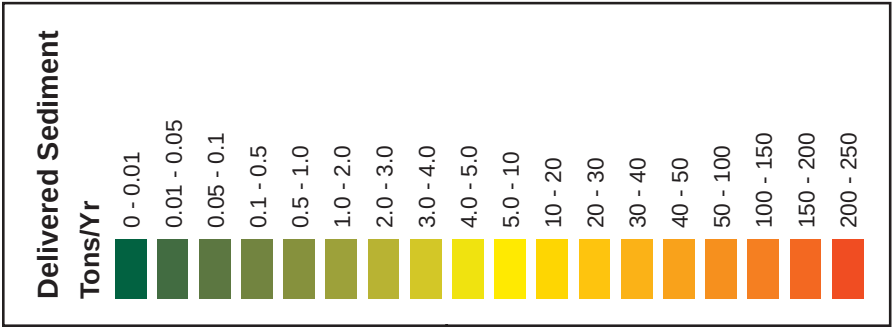
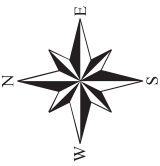


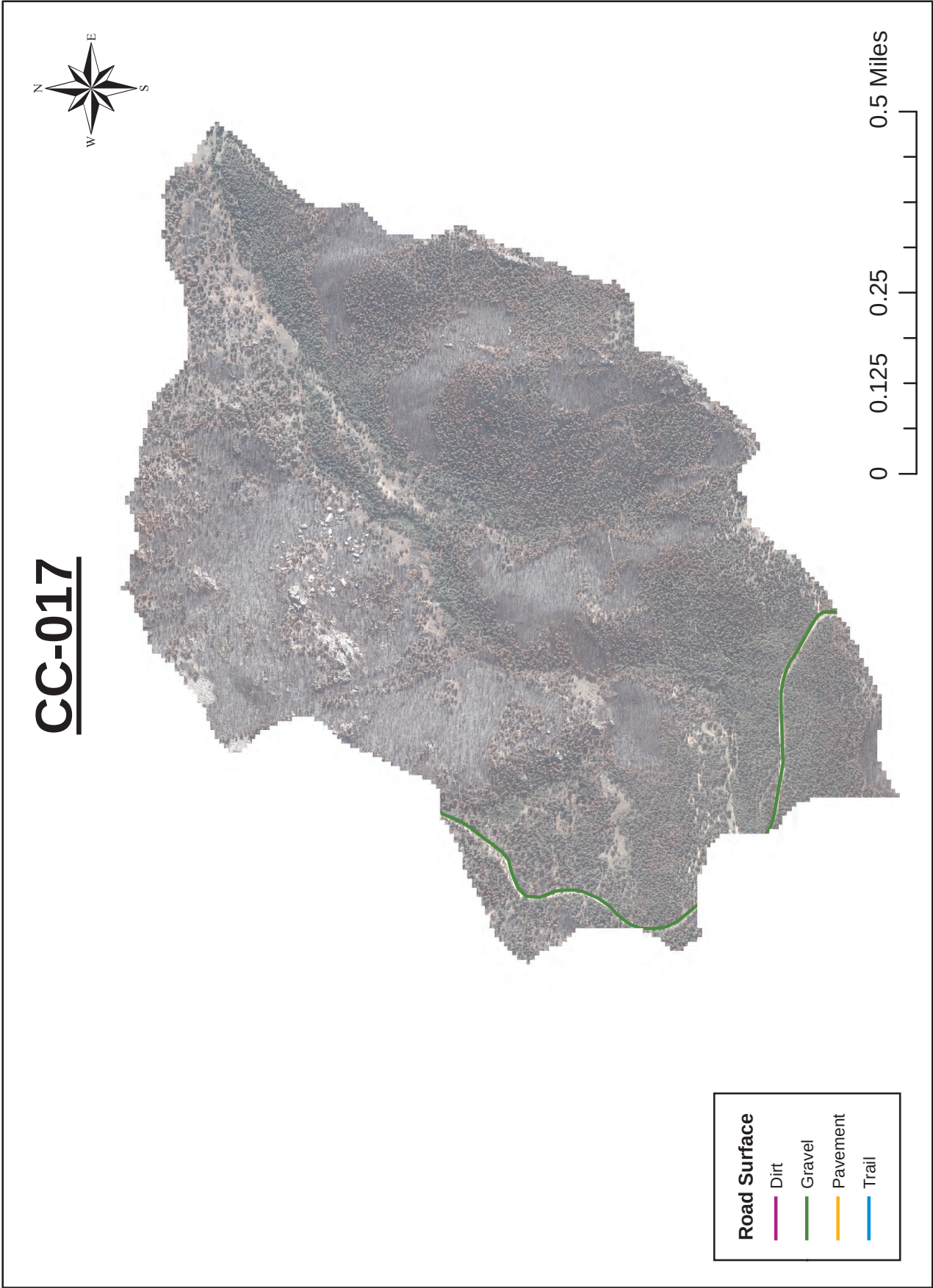


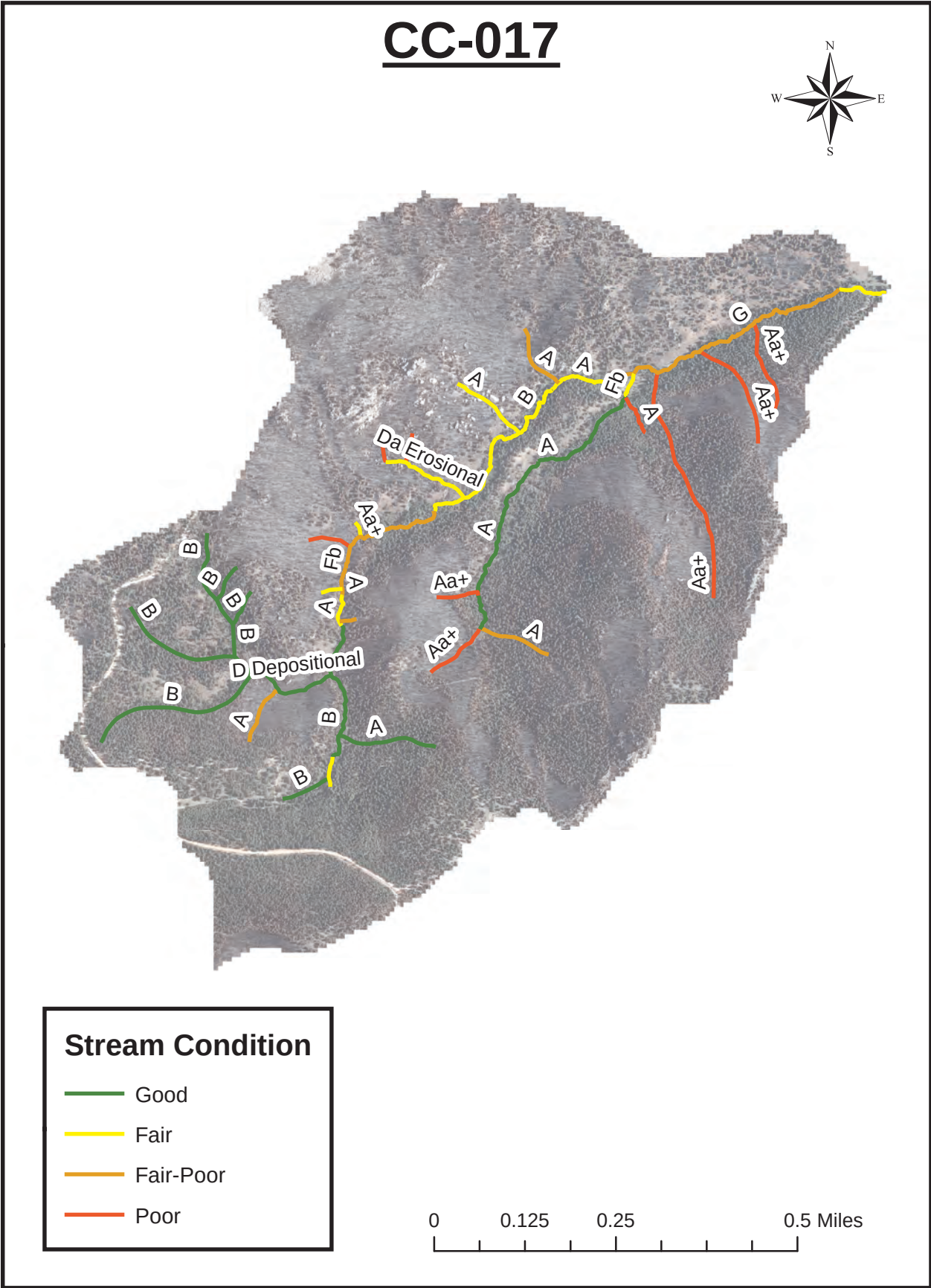
Camp Creek, Sub-Watershed 017 (CC-017)

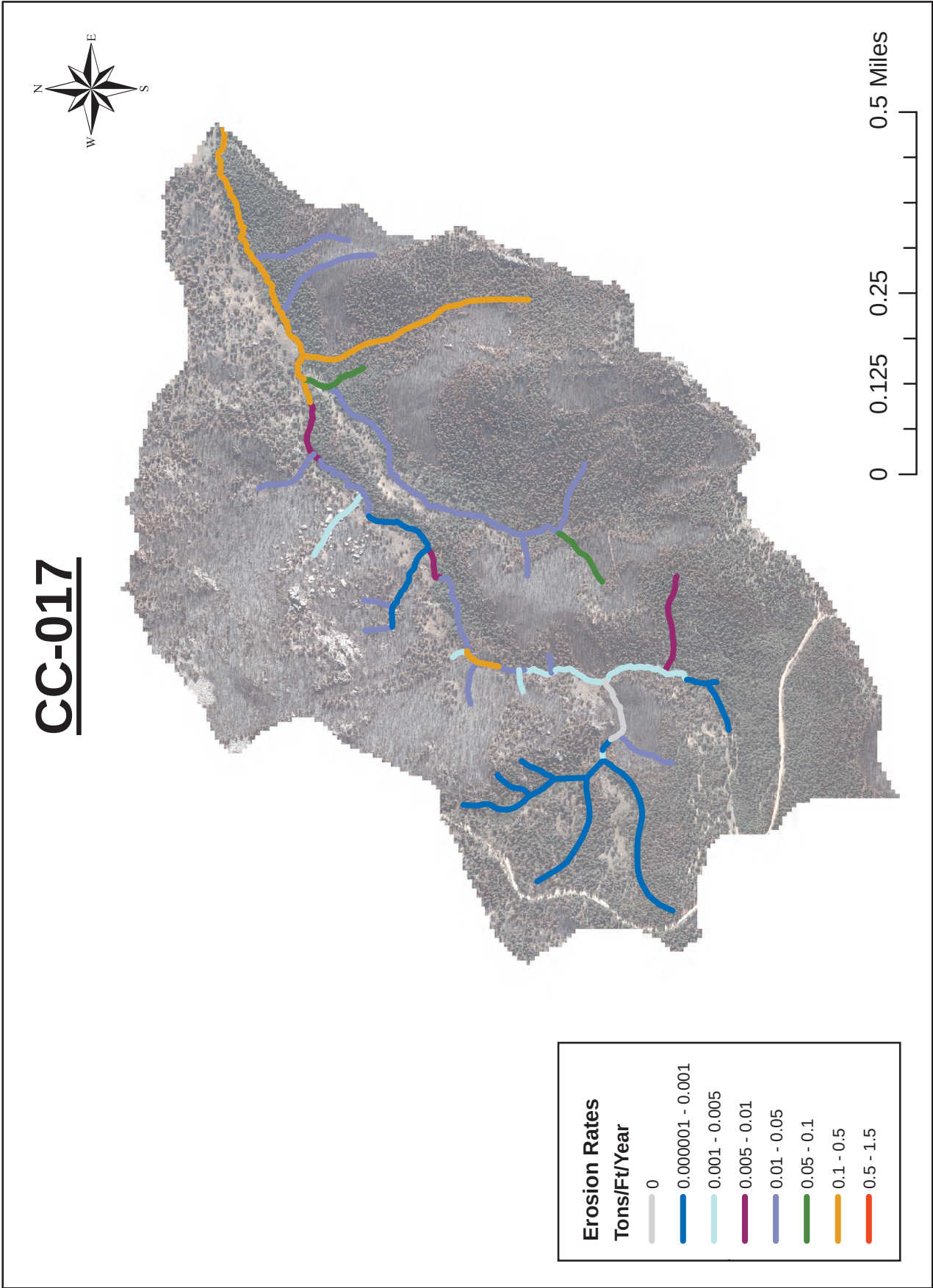
Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-017							
Watershed Characteristics	Drainage Area (mi ²)	0.71		High	Moderate	Low	Unburned				
				Burn Severity (%)	1.0%	33.0%	51.0%	15.0%			
	Drainage Density	6.41									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		22%	28%	27%	0%	8%	3%	0%	0%	2%	10%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	38%	20%	20%	22%	Total Erosion (tons/yr)	1,191				
	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	2%	25%	10%	6%	34%	4%	19%	0%	0%	
Hillslope Processes	Length of Road (ft)	6,594		Sediment from Surface Erosion (tons/yr)	130.89						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	131						
Hydrology		Q _{BKF} (cfs)	3.7498	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	407		569	162						
	Flow-Related Sediment (tons/yr)	19		2,229	2,211						
Erosion Summary	Total Introduced Sediment (tons/yr)	1,322		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					1,191	0	131	907			
	Total Flow Related Sediment (tons/yr)	2,229		Percent of Total Yield	53%	0%	6%	41%			
		☒ Degradation		☐ Aggradation							

CC-017



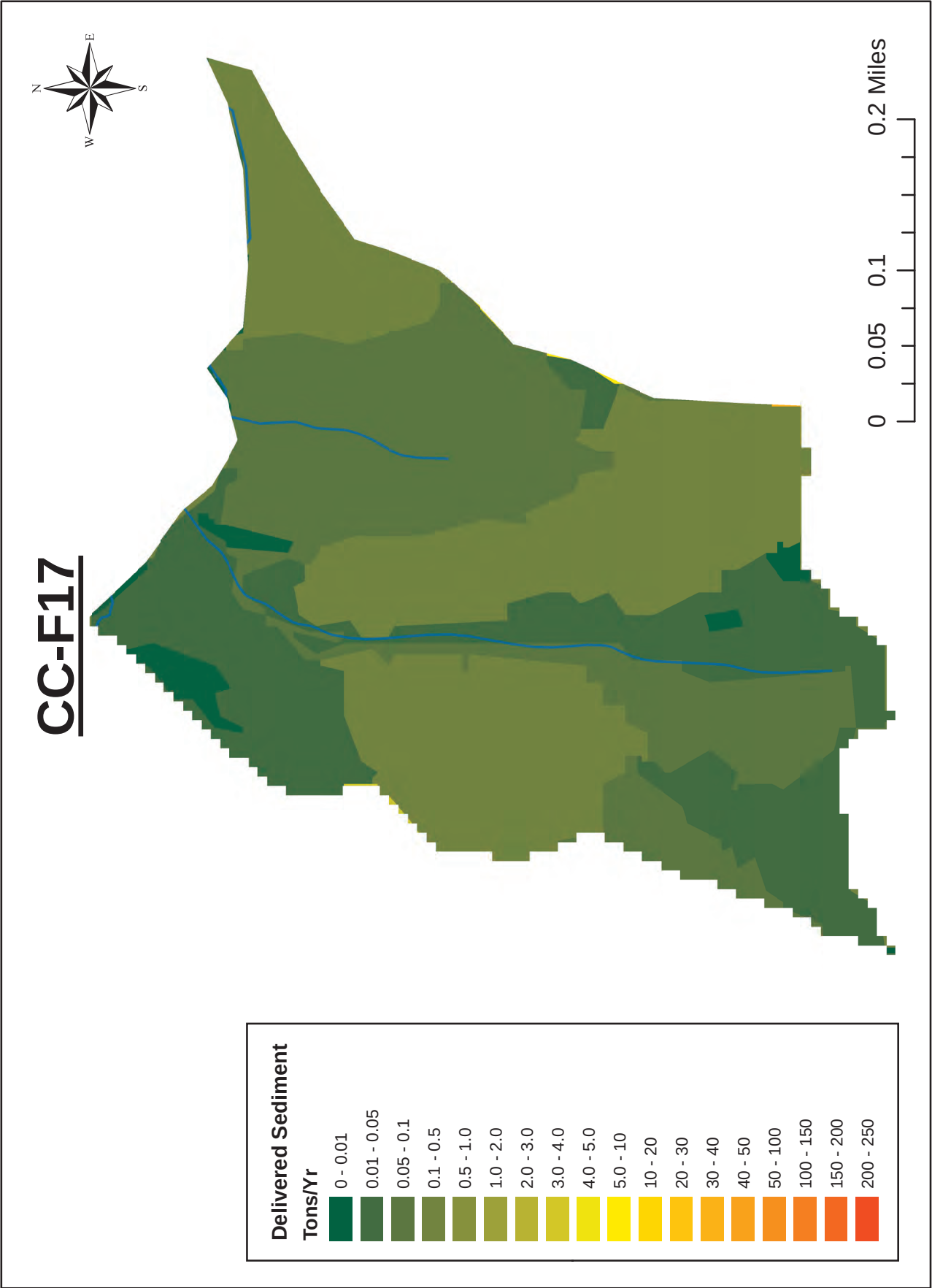


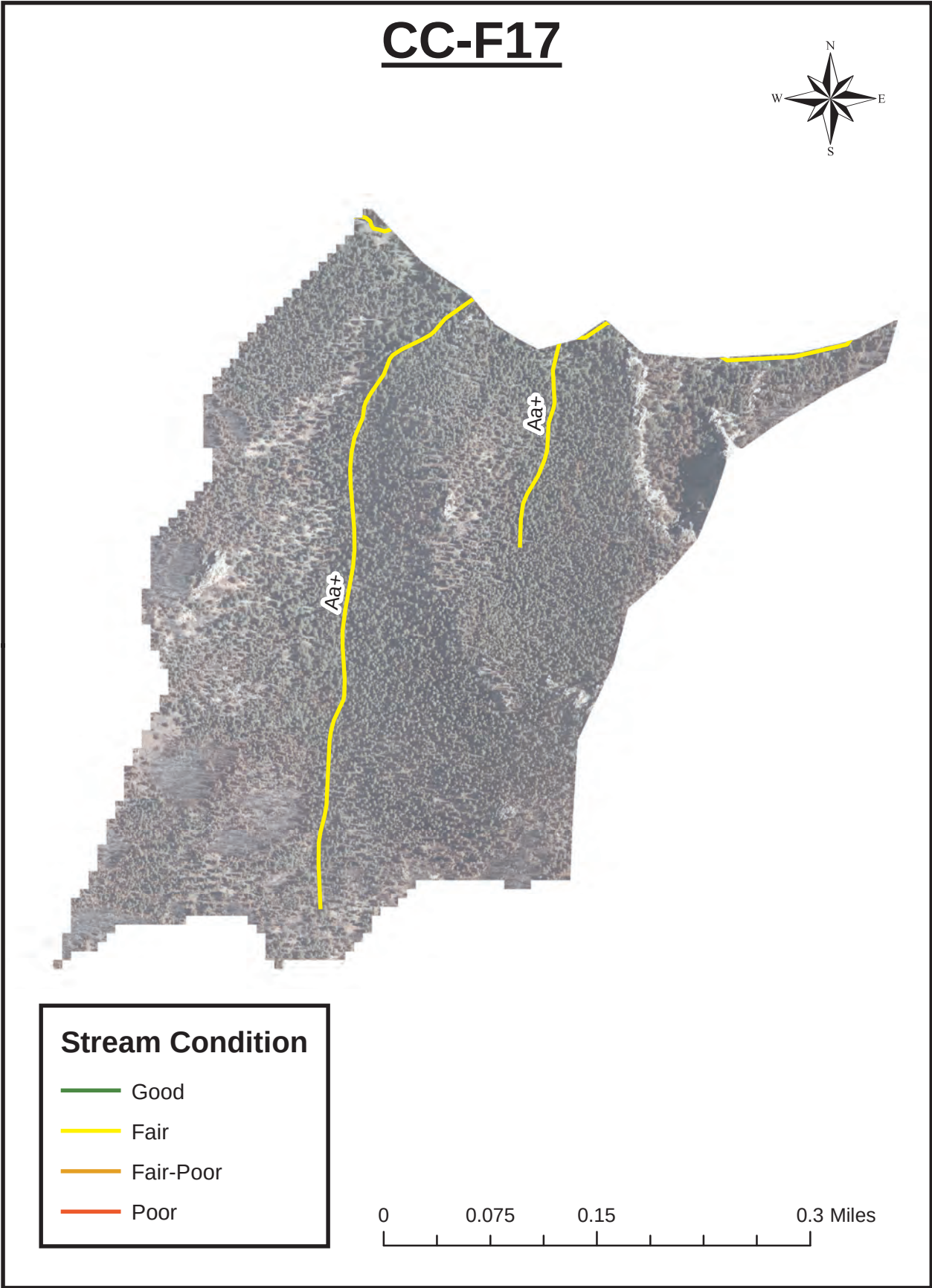


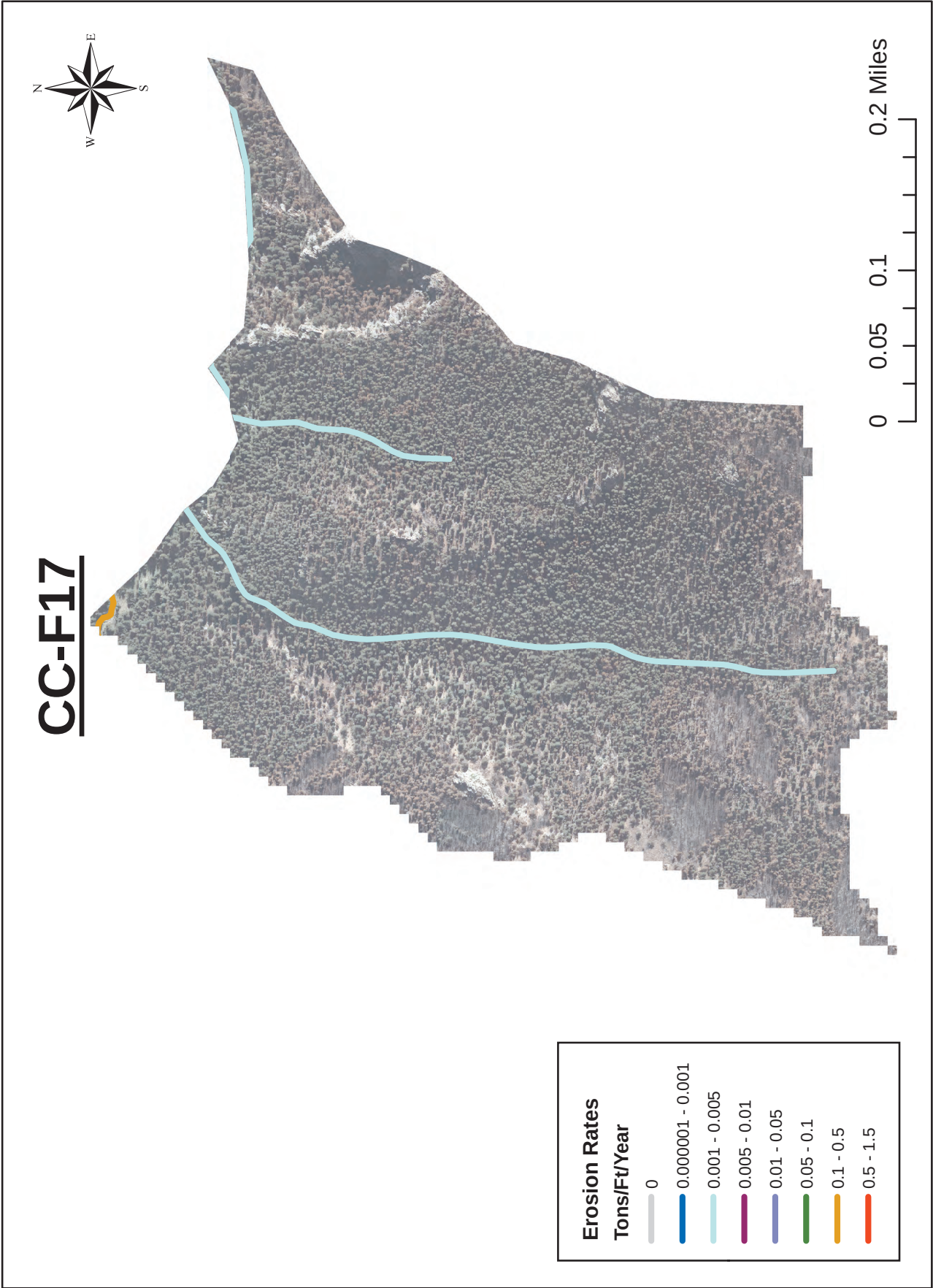


Camp Creek, Sub-Watershed F17 (CC-F17)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F17							
Watershed Characteristics	Drainage Area (mi ²)	0.15		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	6.0%	66.0%	28.0%			
	Drainage Density	4.16									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	2.04						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	2						
Hydrology	Q _{BKF} (cfs)	1.3594	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	147	160	13							
	Flow-Related Sediment (tons/yr)	12	14	2							
Erosion Summary	Total Introduced Sediment (tons/yr)	10	Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			8	0	2	4					
	Total Flow Related Sediment (tons/yr)	14	Percent of Total Yield	57%	0%	15%	28%				
		☒ Degradation		☐ Aggradation							

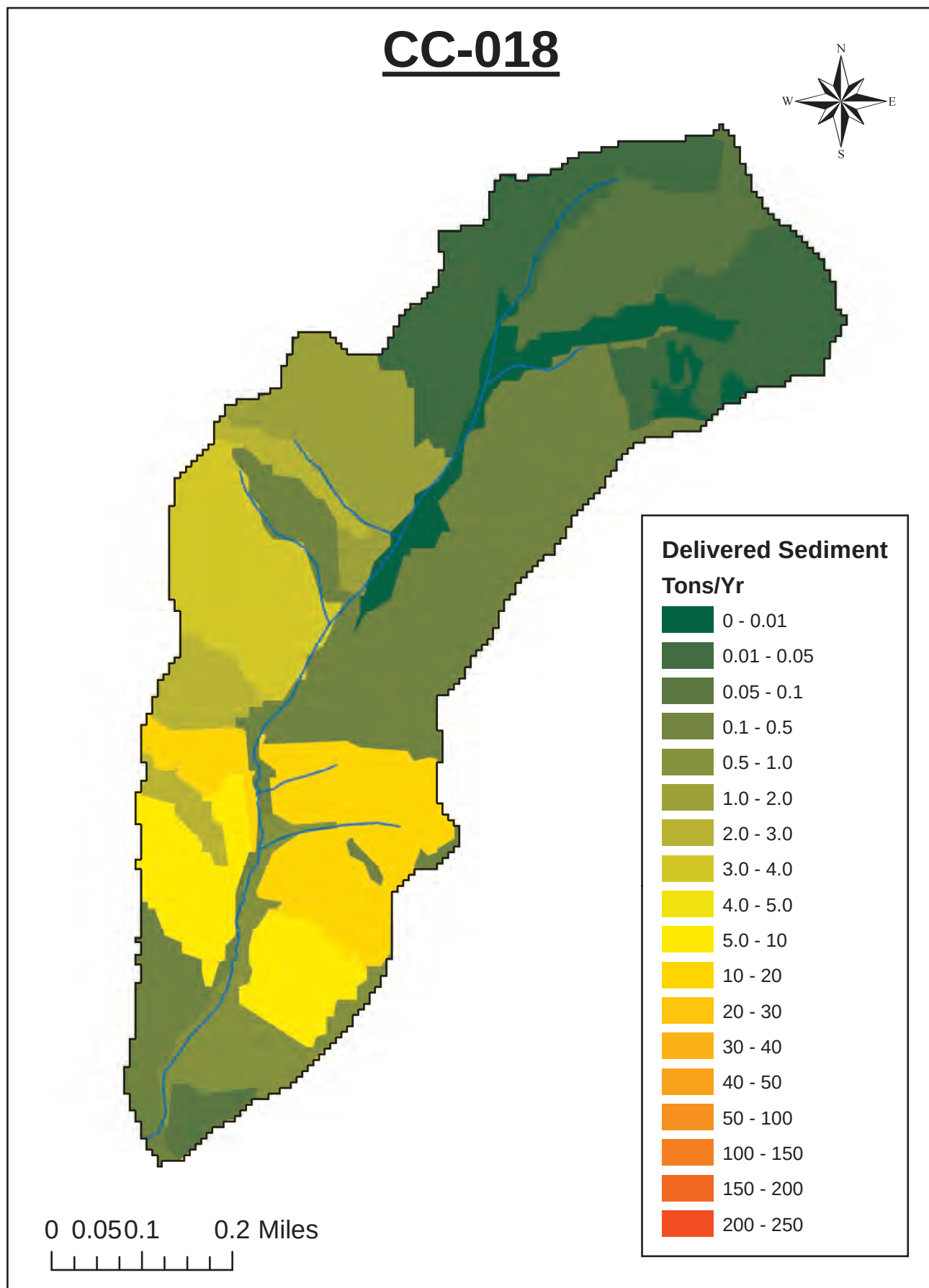


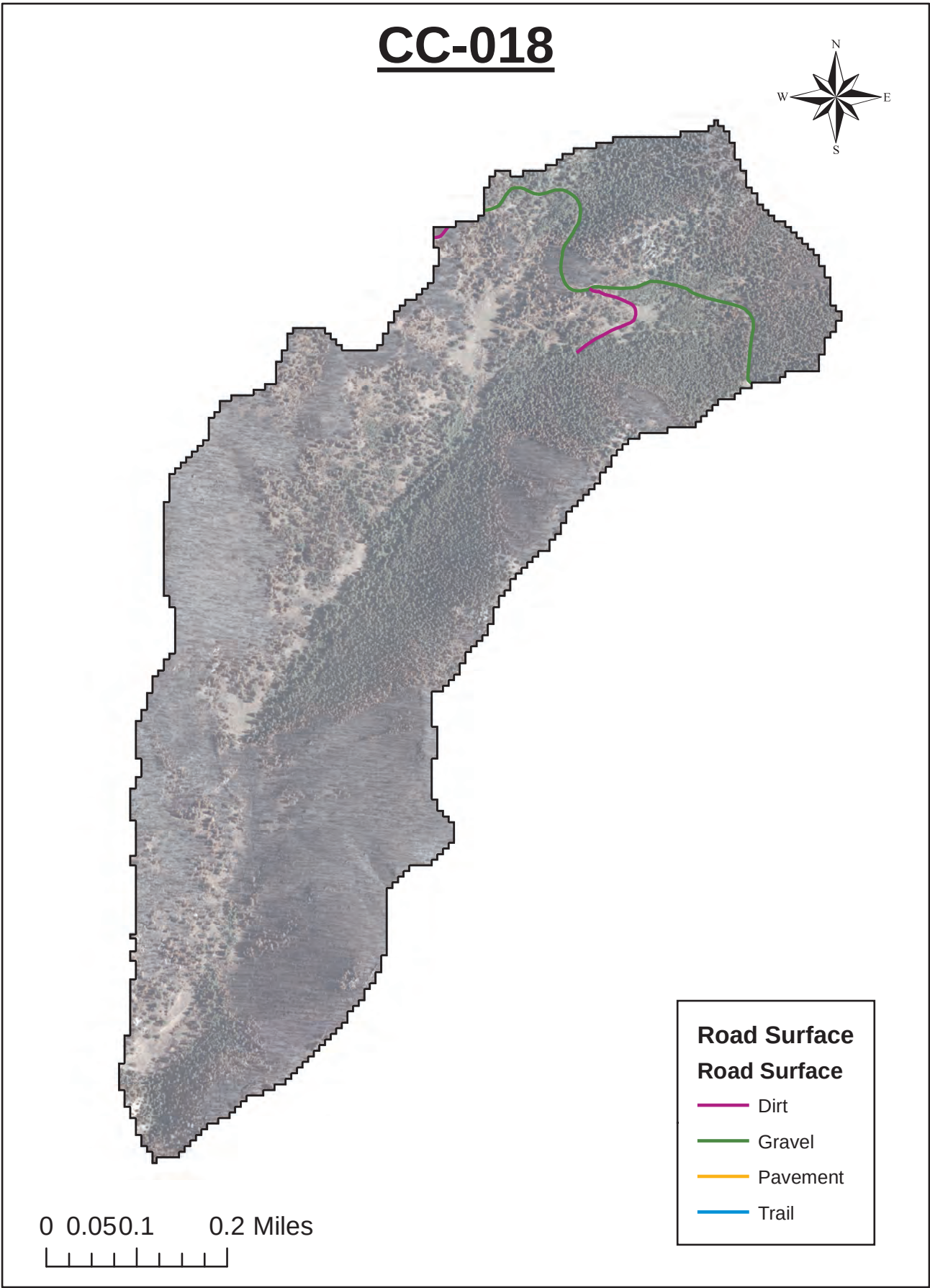


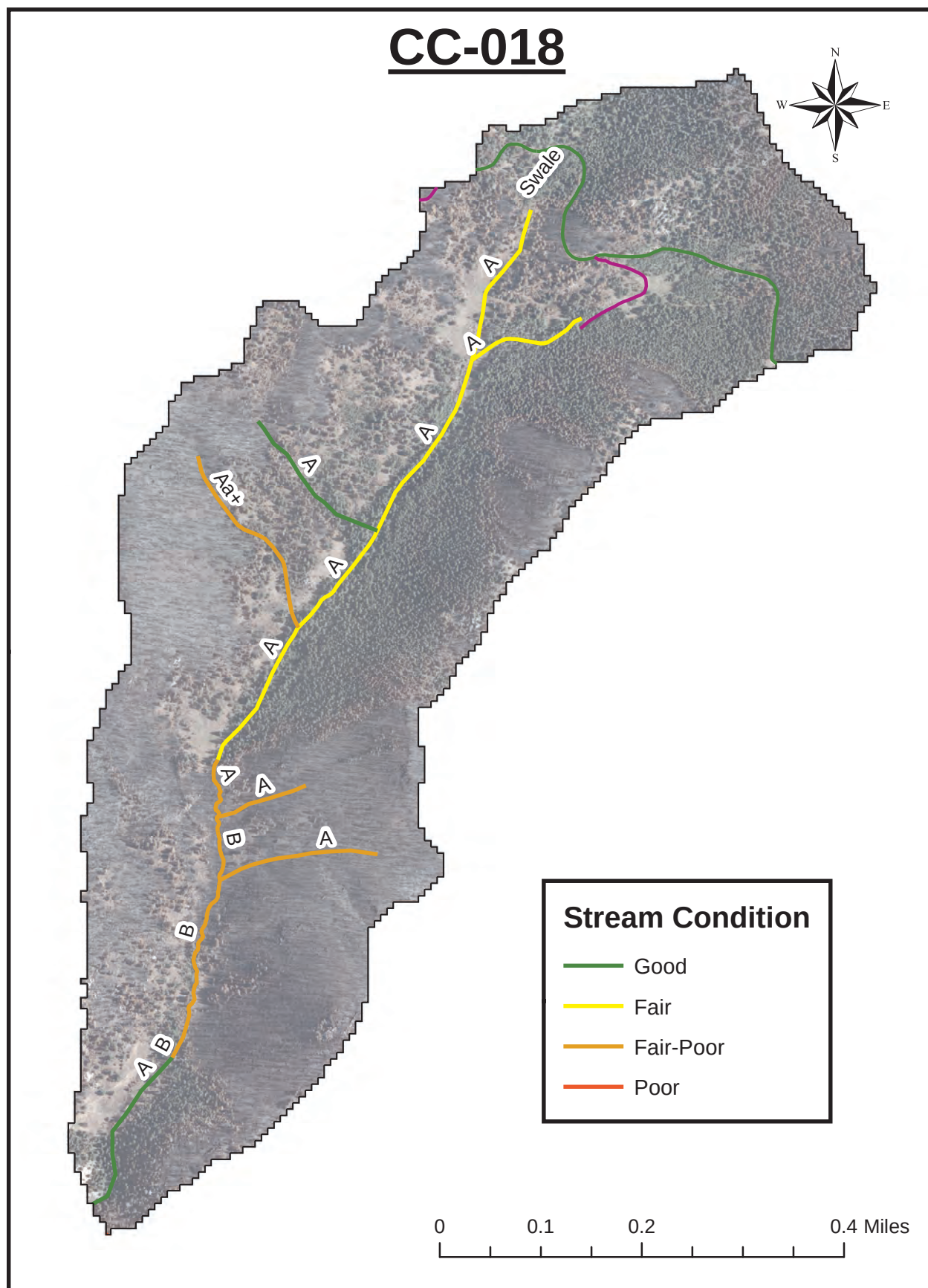


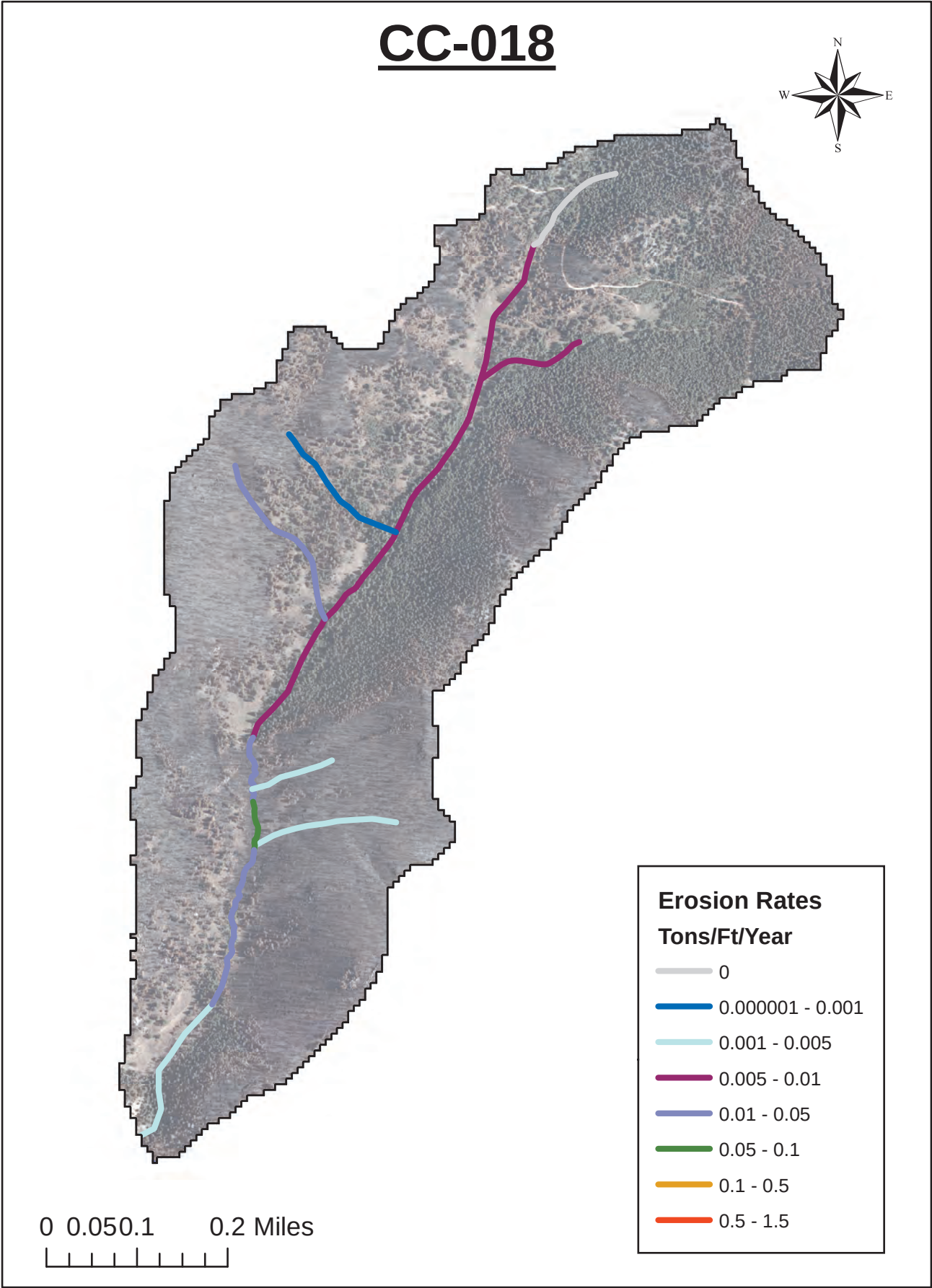
Camp Creek, Sub-Watershed 018 (CC-018)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-018							
Watershed Characteristics	Drainage Area (mi ²)	0.39		High	Moderate	Low	Unburned				
				Burn Severity (%)	7.0%	39.0%	47.0%	7.0%			
	Drainage Density	5.18									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		11%	77%	13%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	19%	40%	41%	0%	Total Erosion (tons/yr)	142				
	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	6%	8%	22%	37%	23%	3%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	3,616		Sediment from Surface Erosion (tons/yr)	79.68						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	80						
Hydrology	Q _{BKF} (cfs)	2.5434		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			276	323	47					
	Flow-Related Sediment (tons/yr)			15	589	574					
Erosion Summary	Total Introduced Sediment (tons/yr)	221		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				142	0	80	368				
	Total Flow Related Sediment (tons/yr)	589		Percent of Total Yield	24%	0%	14%	62%			
		☒ Degradation		☐ Aggradation							



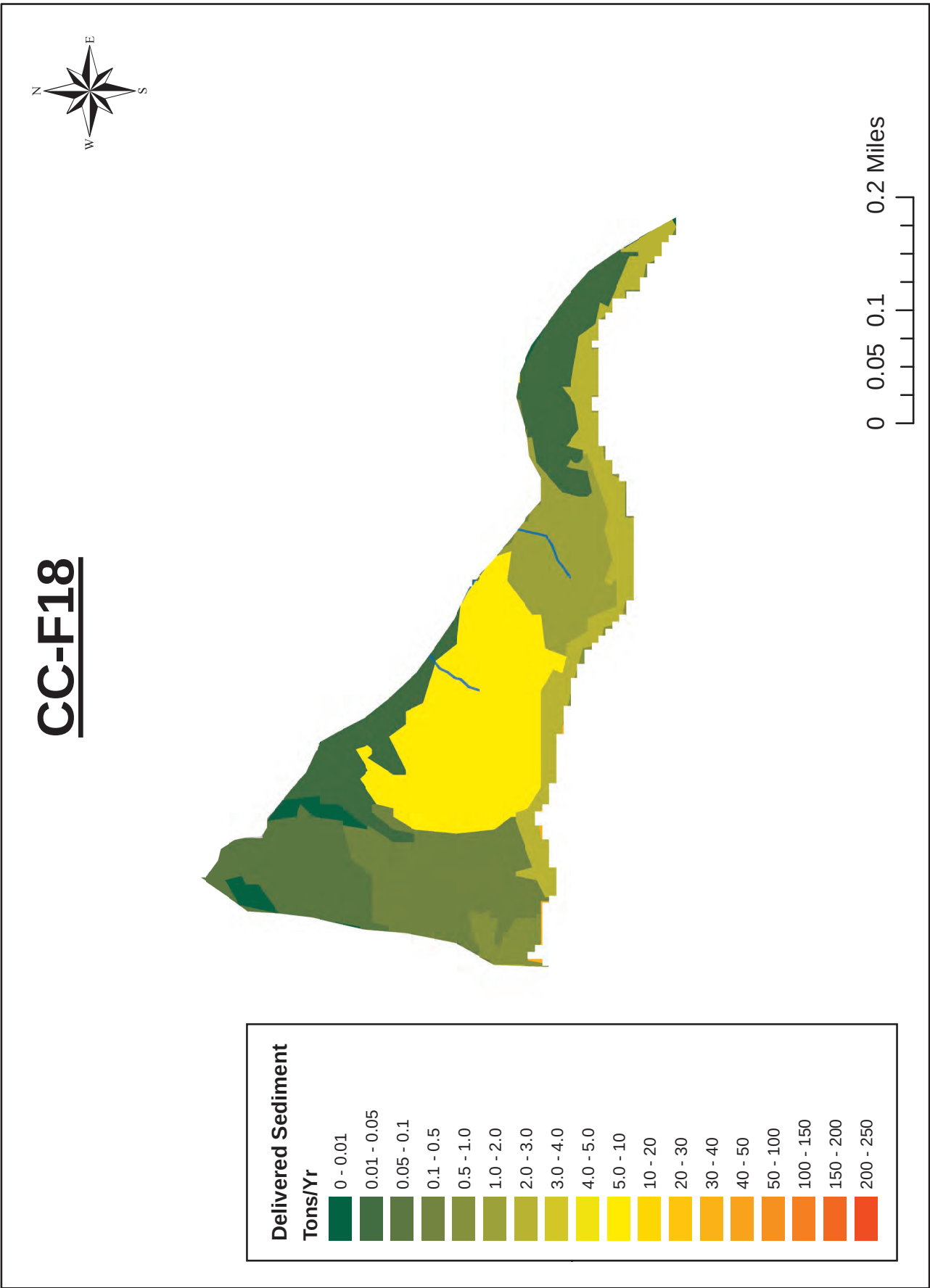


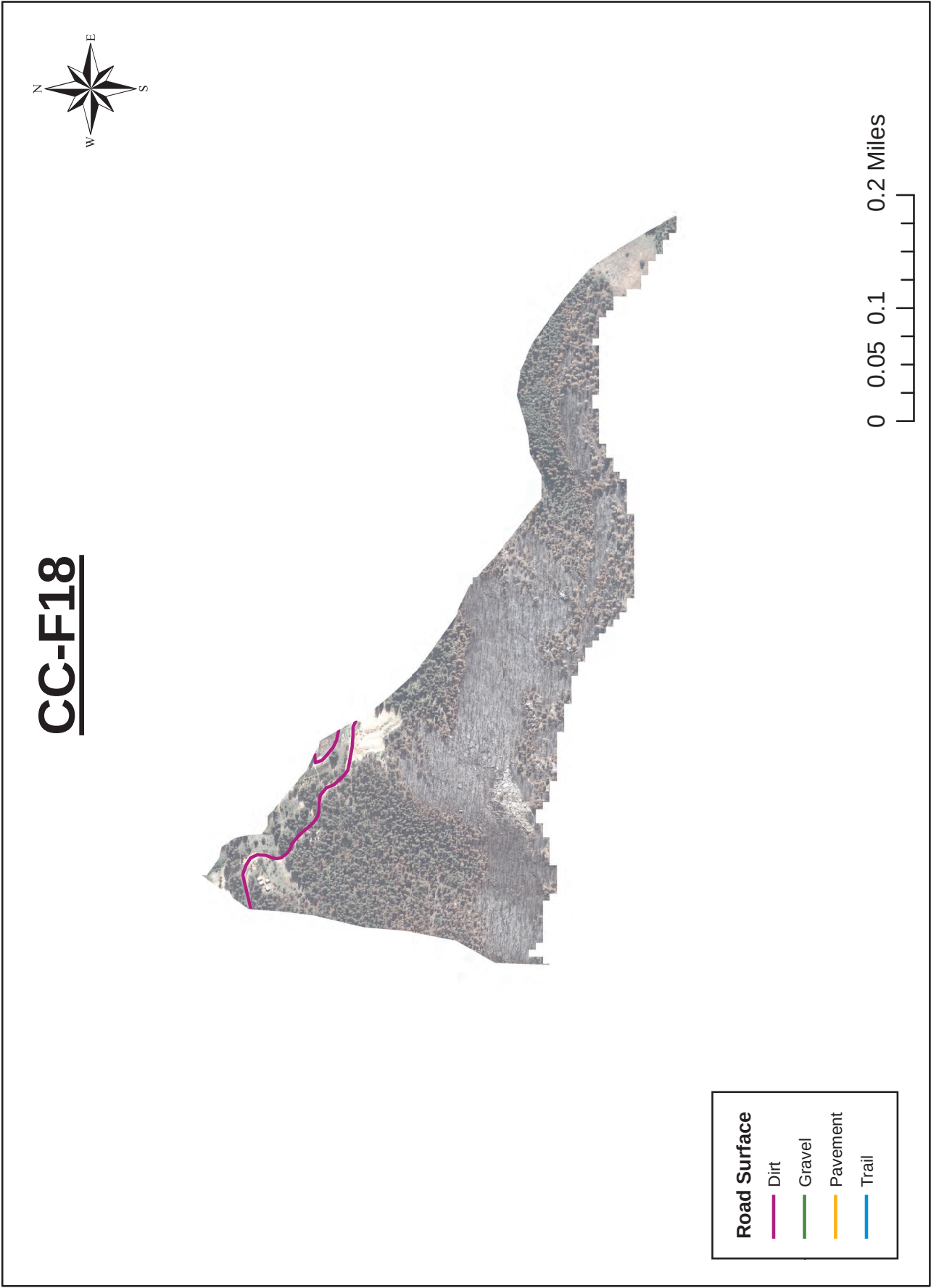


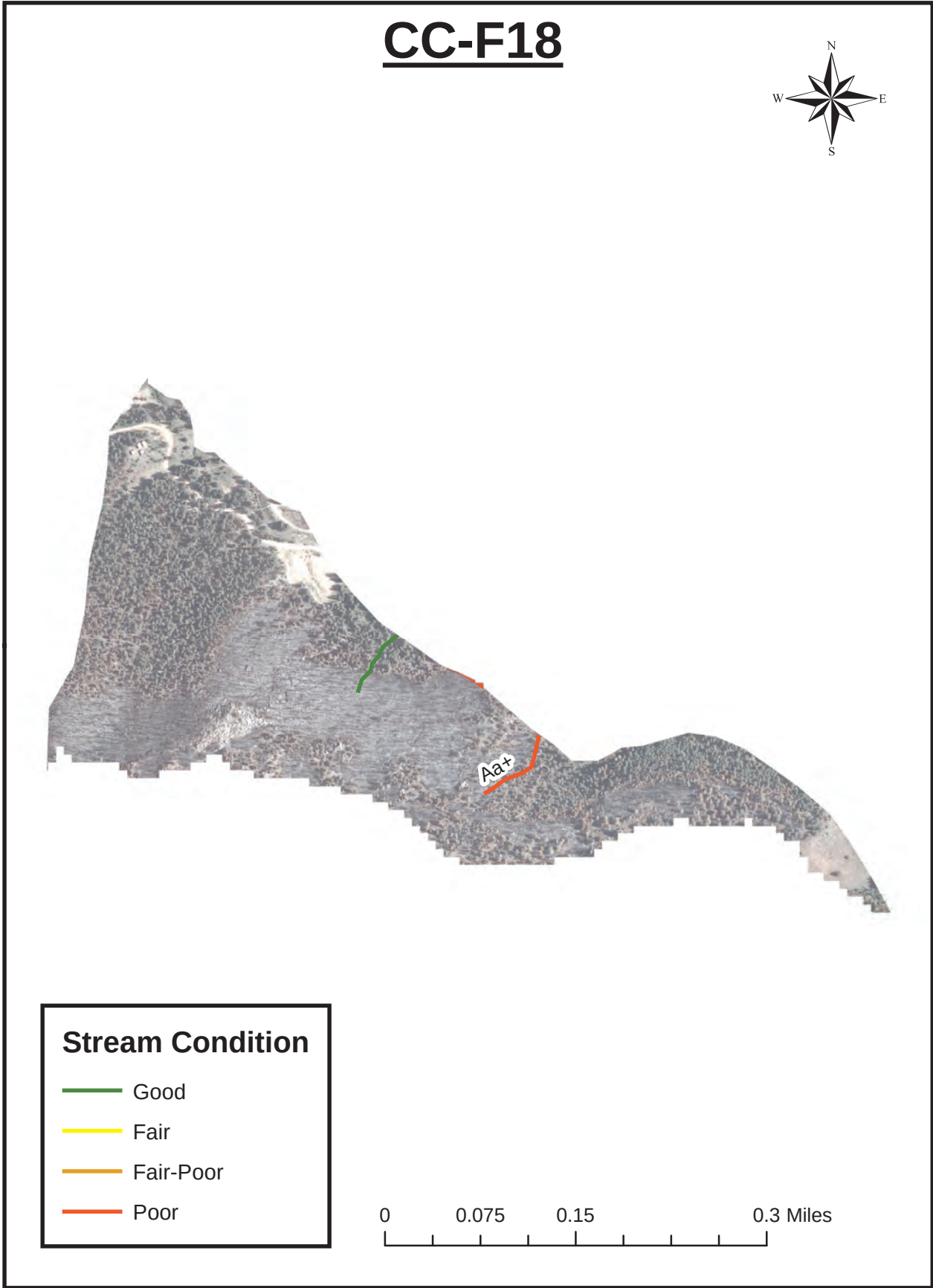


Camp Creek, Sub-Watershed F18 (CC-F18)

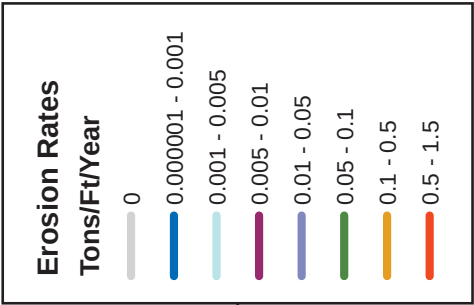
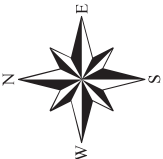
Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F18							
Watershed Characteristics	Drainage Area (mi ²)	0.09		High	Moderate	Low	Unburned				
				Burn Severity (%)	2.0%	40.0%	45.0%	13.0%			
	Drainage Density	1.67									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		56%	0%	0%	0%	44%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	44%	0%	0%	56%	Total Erosion (tons/yr)	13				
	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	44%	0%	0%	0%	56%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	1,422		Sediment from Surface Erosion (tons/yr)	10.32						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	10						
Hydrology		Q _{BKF} (cfs)	0.9477	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	103		112	9						
	Flow-Related Sediment (tons/yr)	10		427	417						
Erosion Summary	Total Introduced Sediment (tons/yr)	23		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				13	0	10	404				
	Total Flow Related Sediment (tons/yr)	427		Percent of Total Yield	3%	0%	2%	95%			
		☒ Degradation		☐ Aggradation							





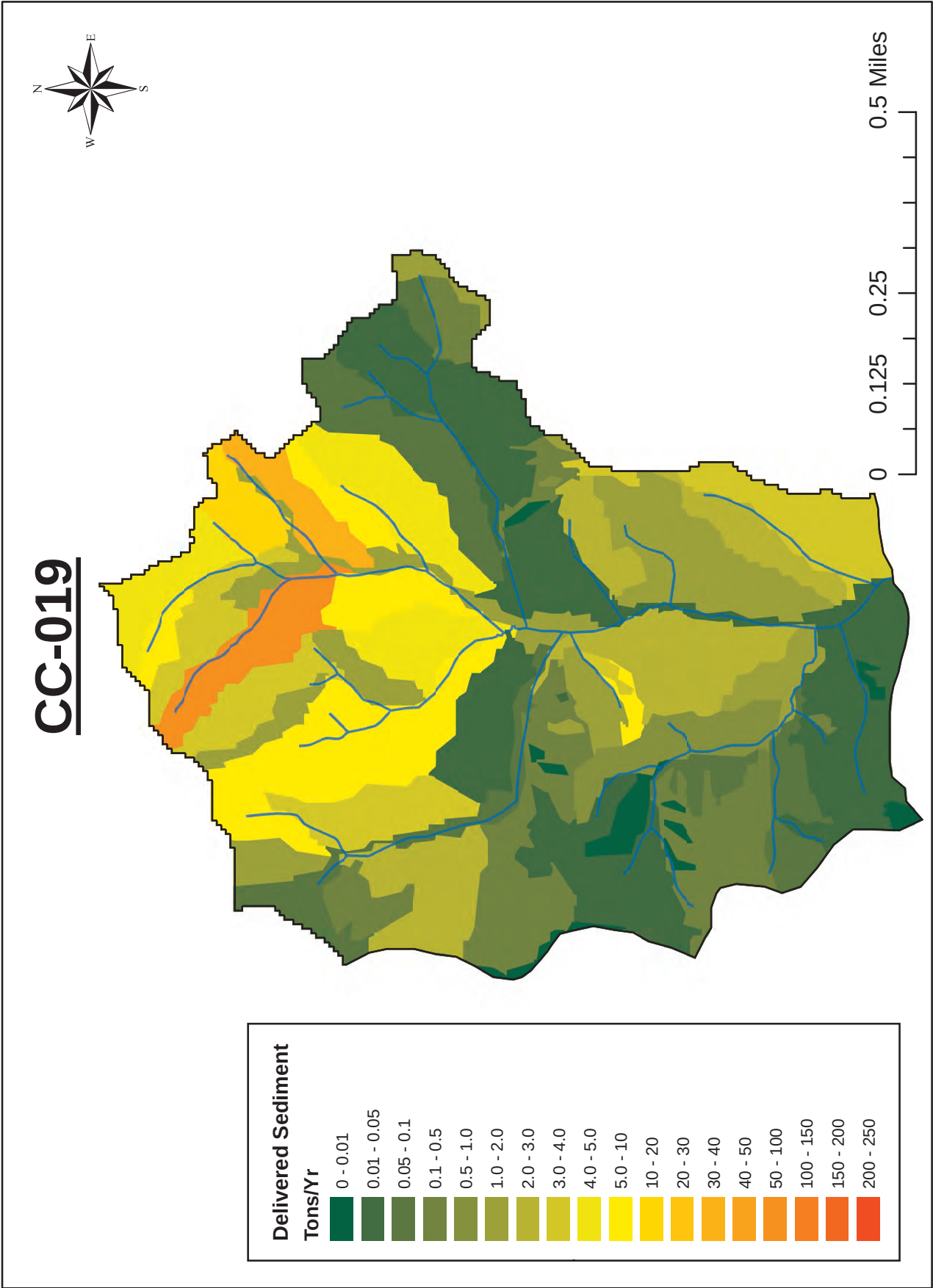


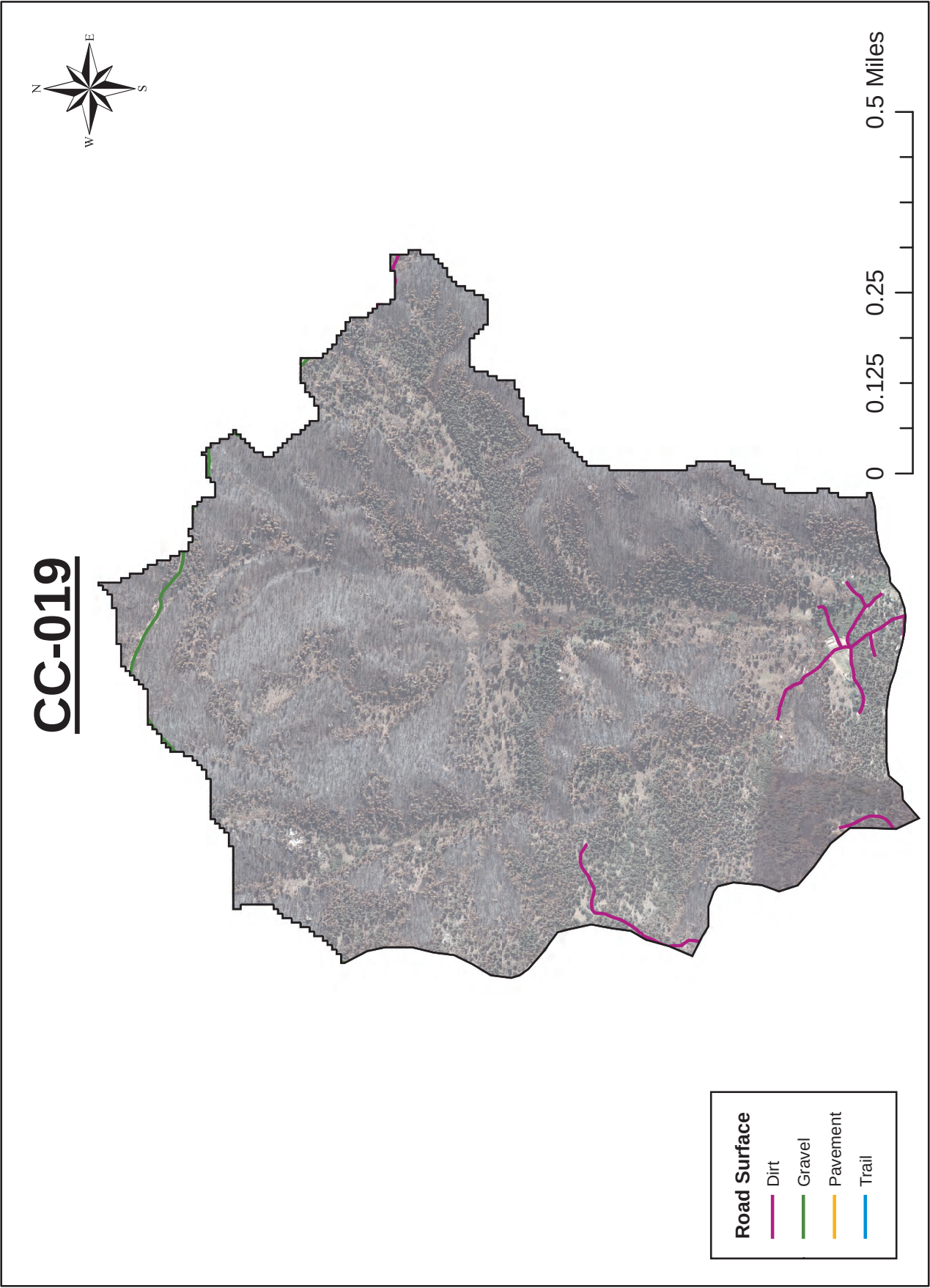
CC-F18

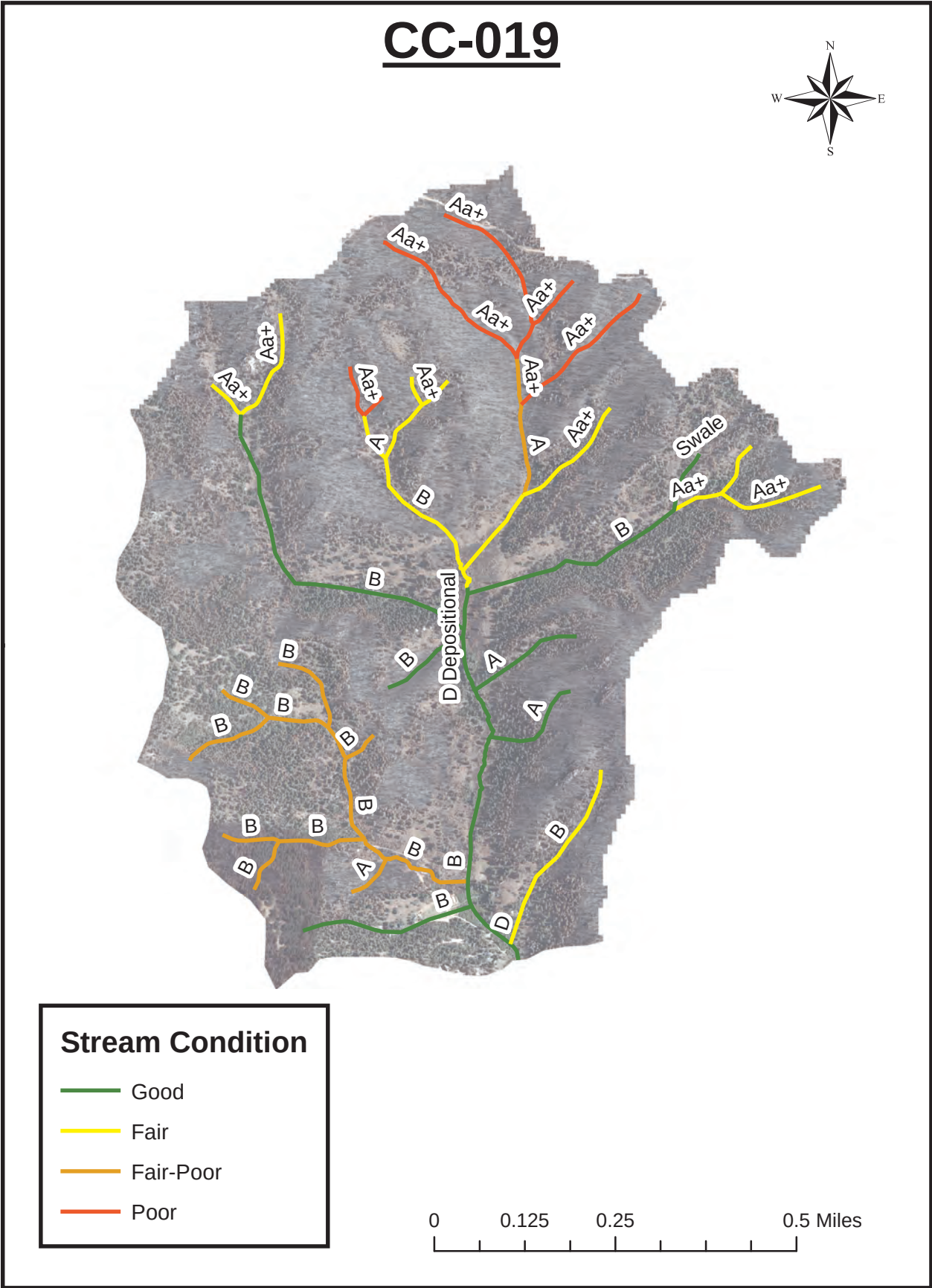


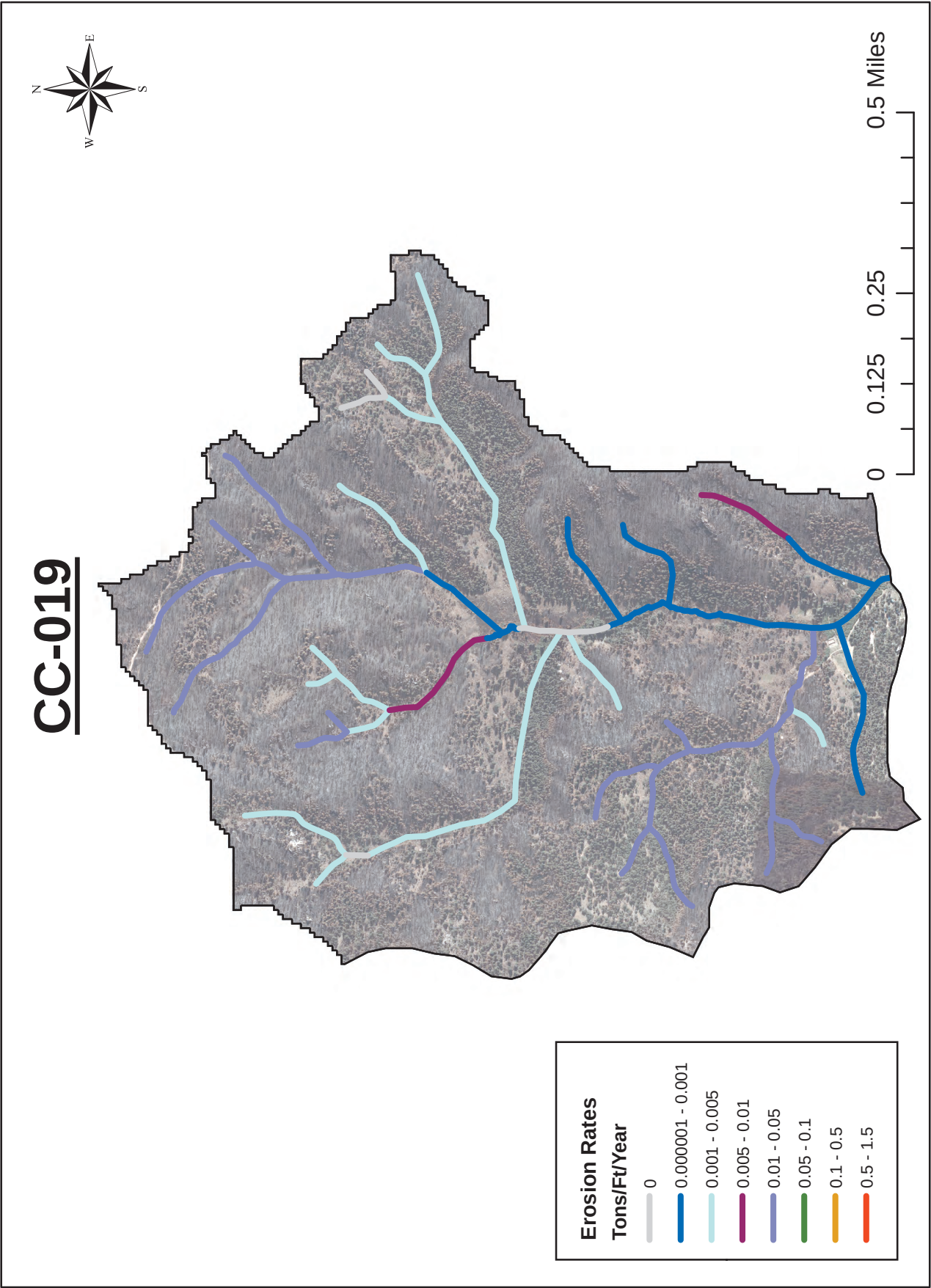
Camp Creek, Sub-Watershed 019 (CC-019)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-019							
Watershed Characteristics	Drainage Area (mi ²)	0.69		High	Moderate	Low	Unburned				
				Burn Severity (%)	9.0%	51.0%	36.0%	5.0%			
	Drainage Density	8.94									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		30%	11%	51%	0%	8%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	36%	26%	22%	15%	Total Erosion (tons/yr)	347				
	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%	22%	33%	5%	36%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	7,268		Sediment from Surface Erosion (tons/yr)	228.54						
	Total Sediment from Roads (tons/yr)	19.04		Introduced Sediment Roads & Hillslope (tons/yr)	248						
Hydrology	Q _{BKF} (cfs)	3.6792	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	399	514	115							
	Flow-Related Sediment (tons/yr)	18	960	942							
Erosion Summary	Total Introduced Sediment (tons/yr)	595	Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			347	19	229	365					
	Total Flow Related Sediment (tons/yr)	960	Percent of Total Yield	36%	2%	24%	38%				
		☒ Degradation		☐ Aggradation							



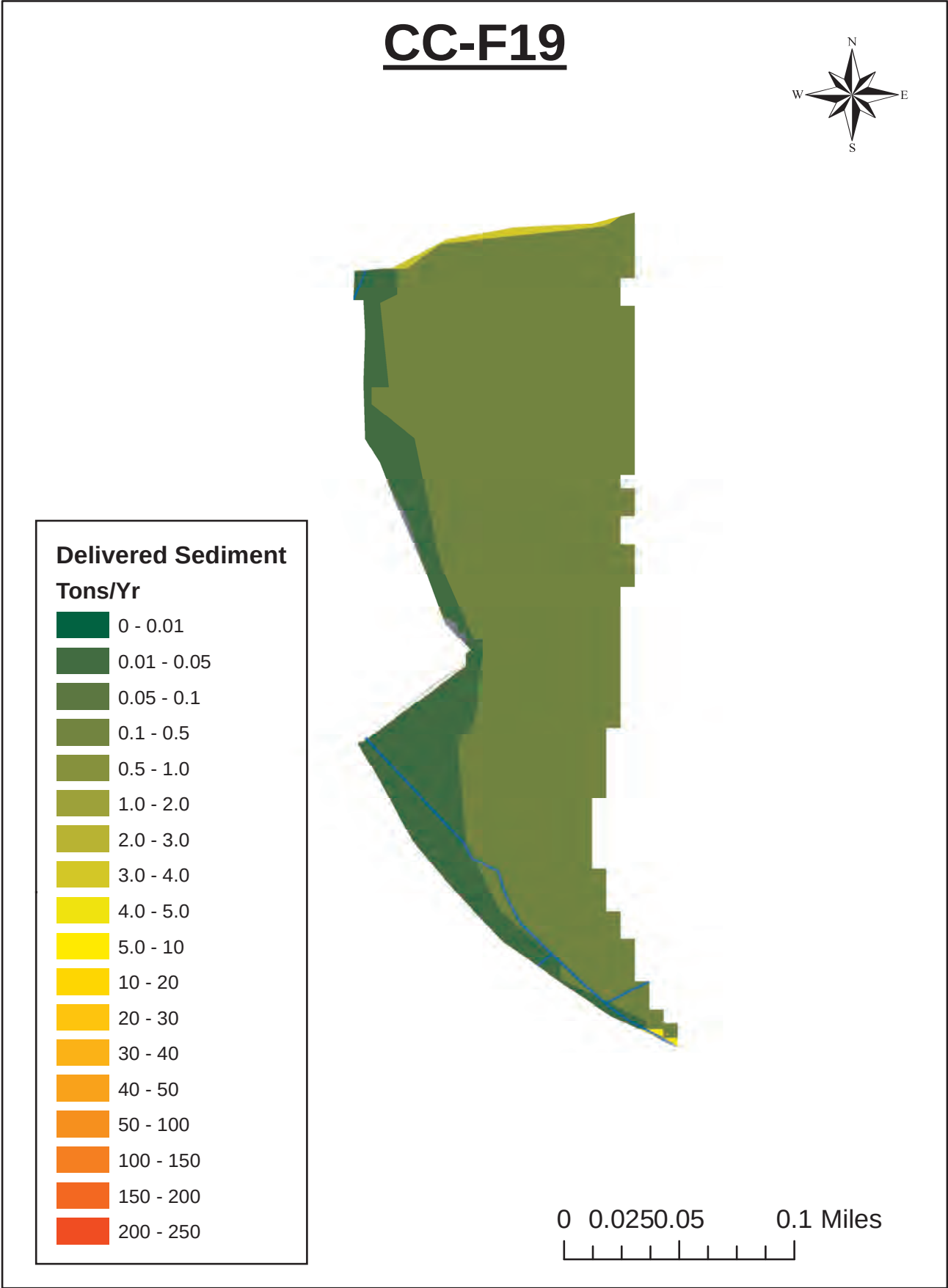






Camp Creek, Sub-Watershed F19 (CC-F19)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F19							
Watershed Characteristics	Drainage Area (mi ²)	0.03		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	20.0%	55.0%	25.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	393		Sediment from Surface Erosion (tons/yr)	0.46						
	Total Sediment from Roads (tons/yr)	0.33		Introduced Sediment Roads & Hillslope (tons/yr)	1						
Hydrology		Q _{BKF} (cfs)	0.4785	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	52		N/A	N/A						
	Flow-Related Sediment (tons/yr)	7		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	1		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					0	0	0	N/A			
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☐ Aggradation							



CC-F19



Road Surface

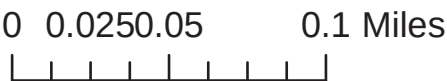
Road Surface

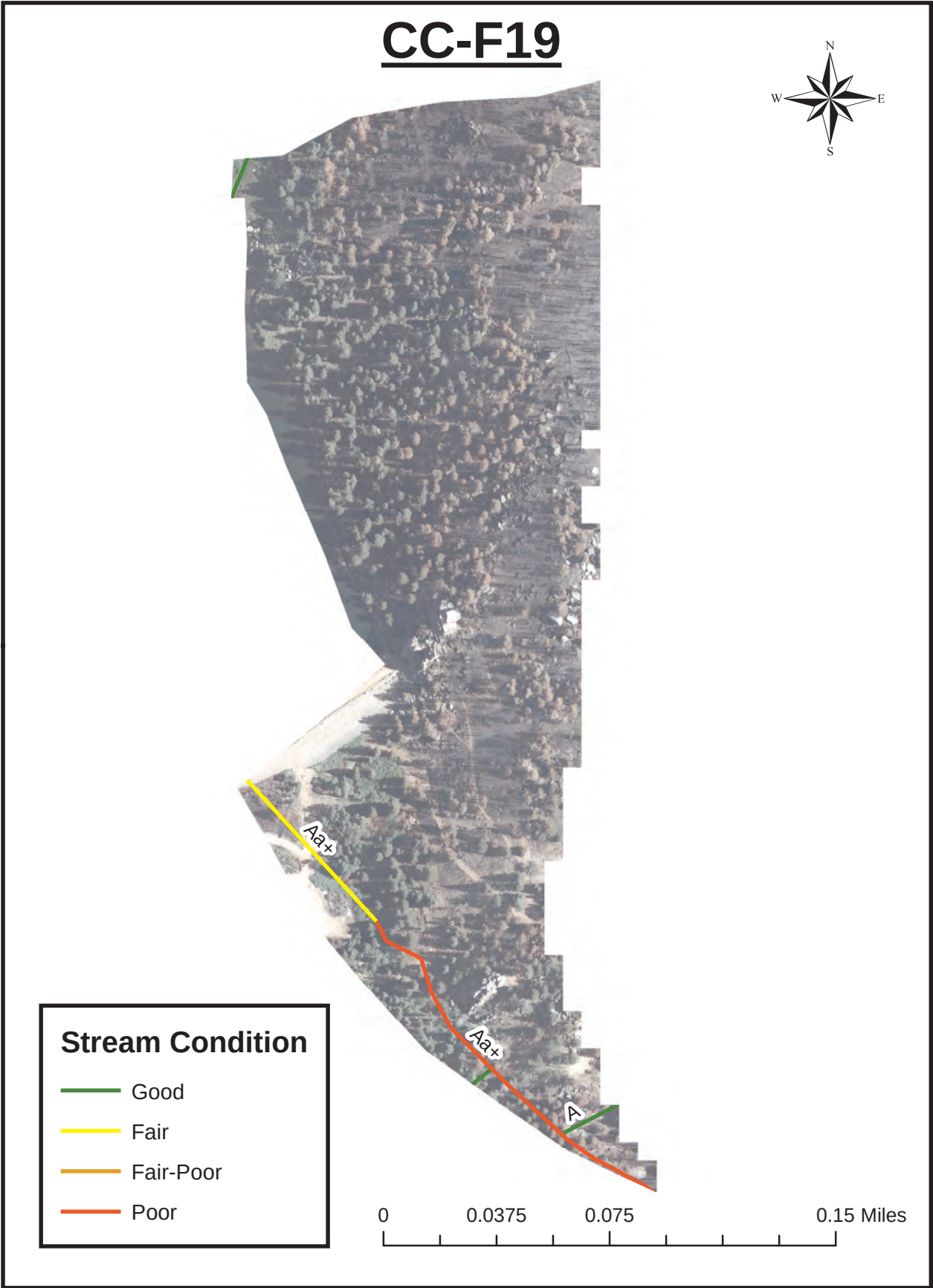
 Dirt

 Gravel

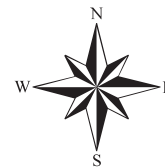
 Pavement

 Trail

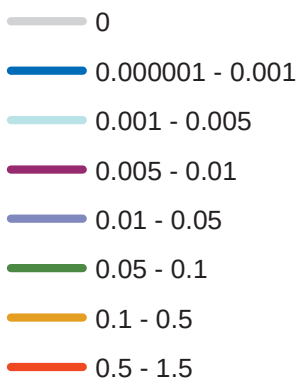




CC-F19

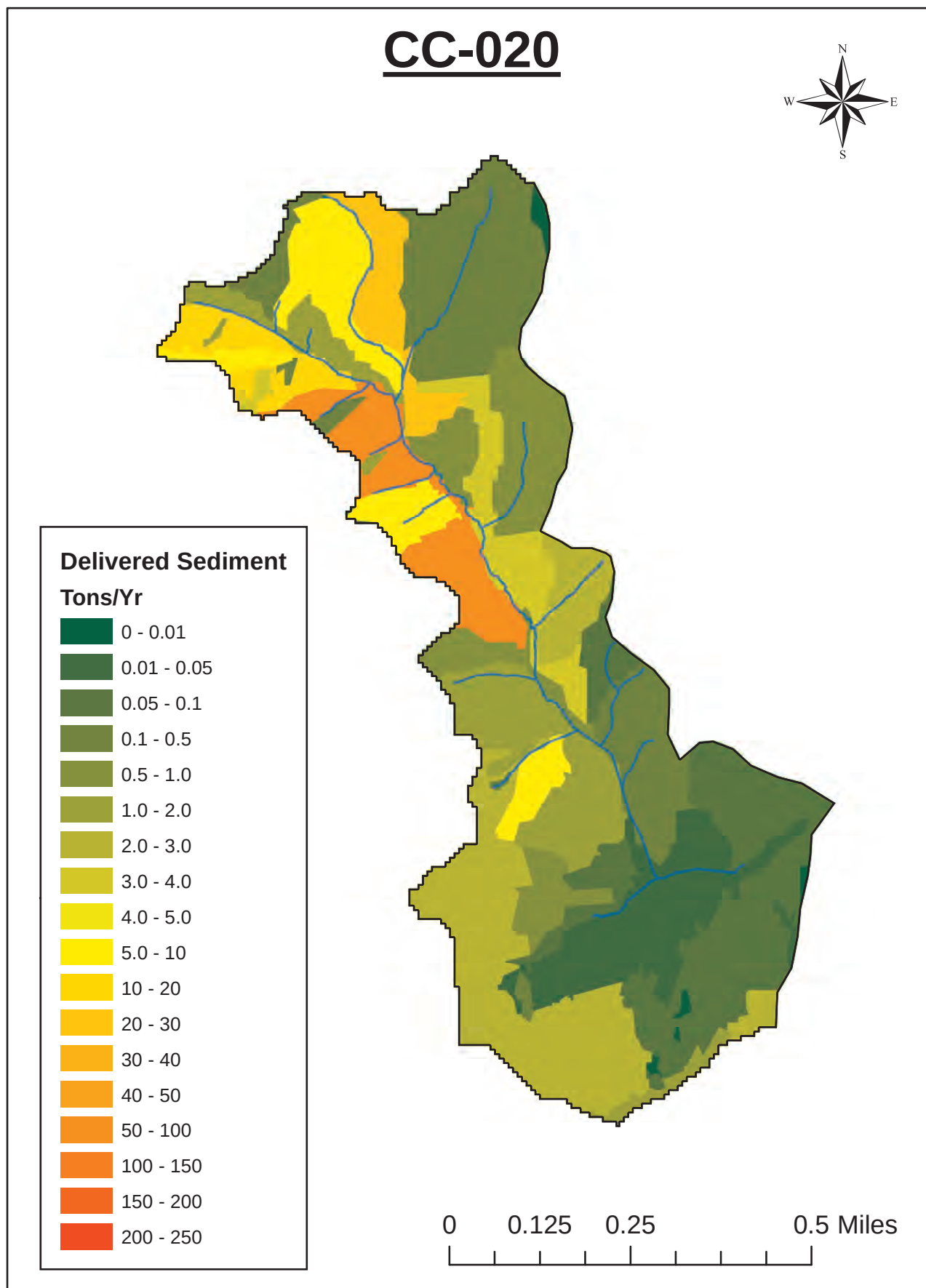


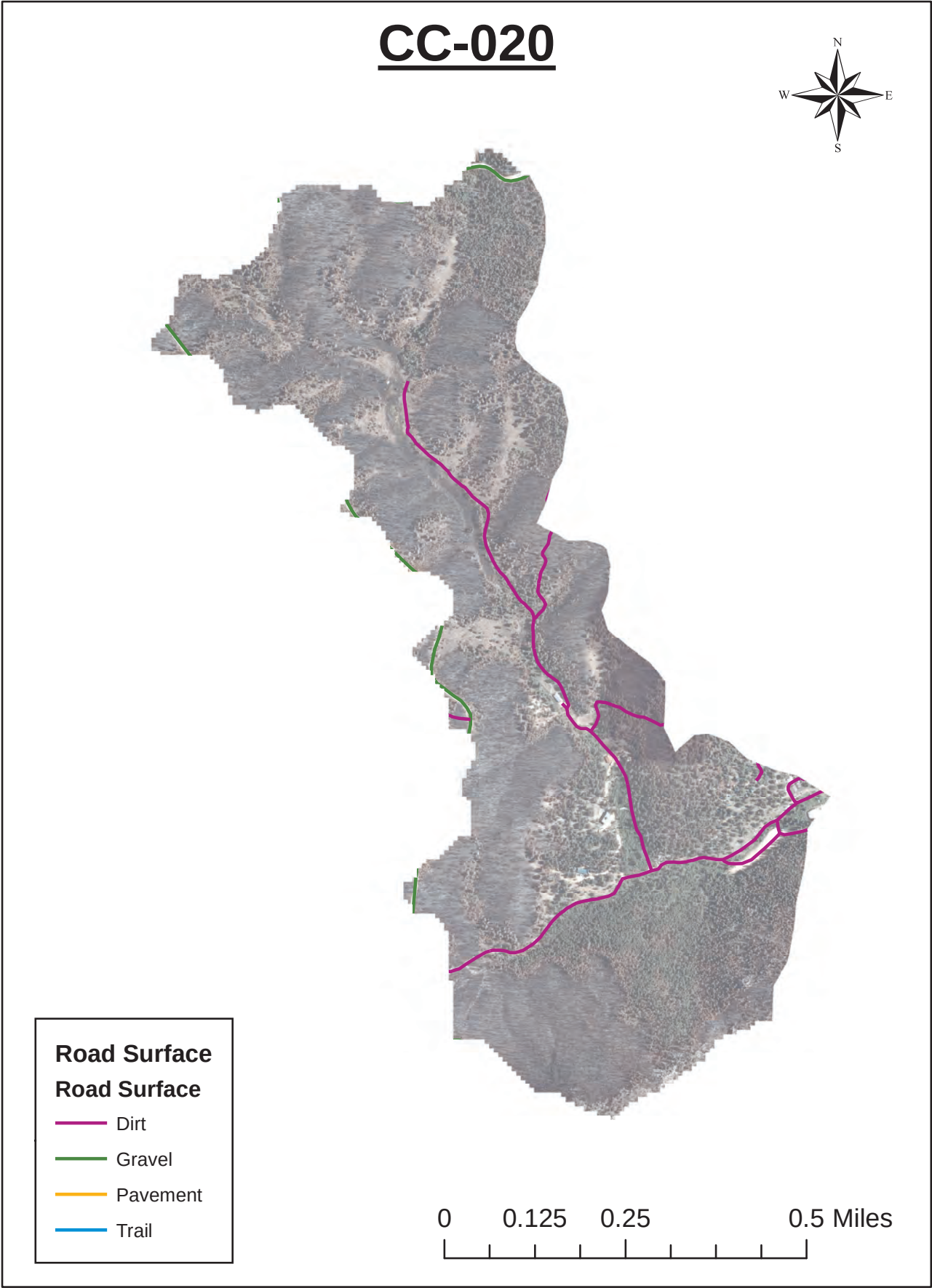
Erosion Rates Tons/Ft/Year

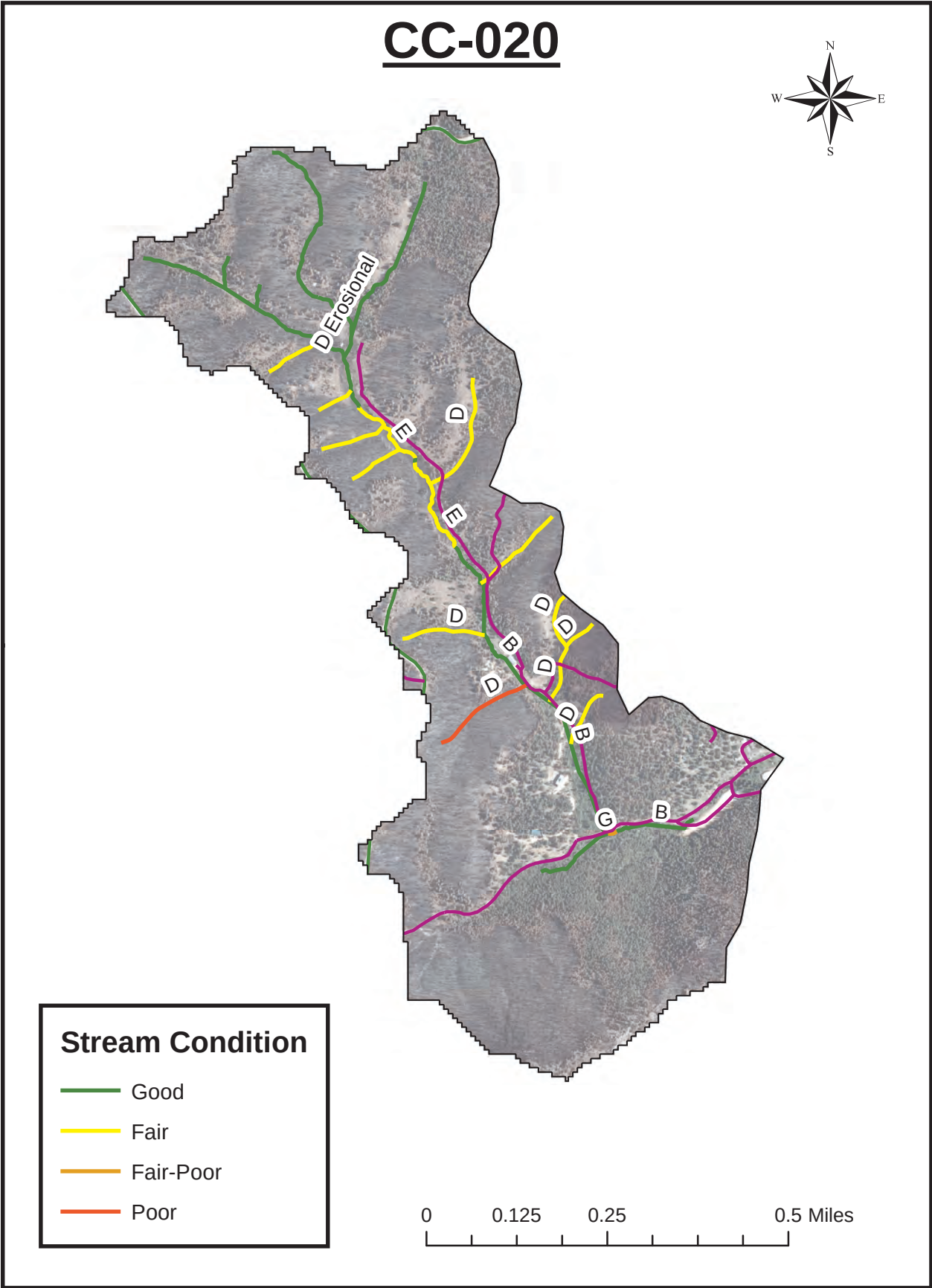


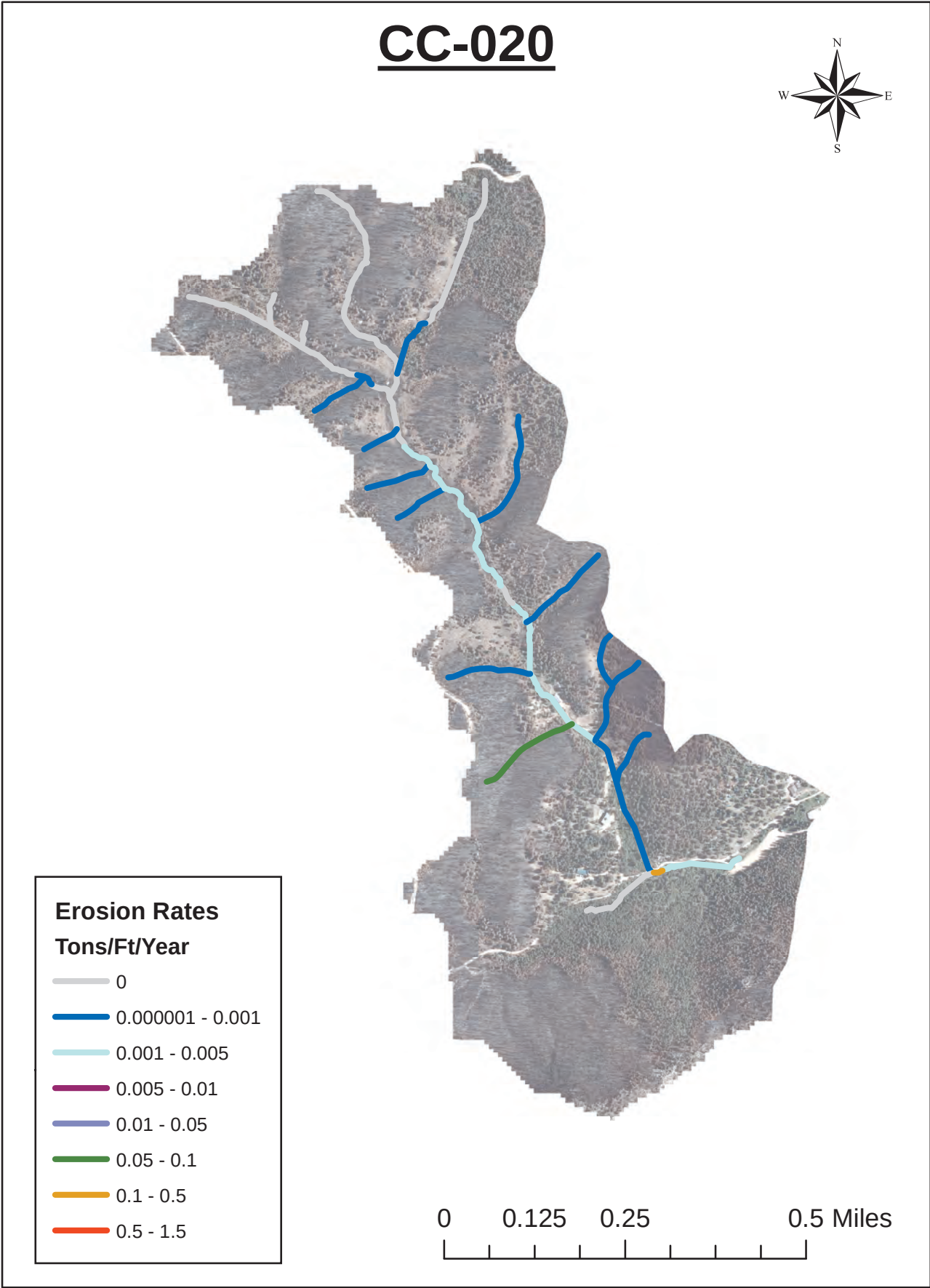
Camp Creek, Sub-Watershed 020 (CC-020)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-020							
Watershed Characteristics	Drainage Area (mi ²)	0.48		High	Moderate	Low	Unburned				
				Burn Severity (%)	16.0%	43.0%	29.0%	12.0%			
	Drainage Density	6.98									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	17%	0%	73%	0%	9%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	55%	40%	0%	4%	Total Erosion (tons/yr)	81				
	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	36%	40%	19%	0%	0%	4%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	12,639		Sediment from Surface Erosion (tons/yr)		197.25					
	Total Sediment from Roads (tons/yr)	91.09		Introduced Sediment Roads & Hillslope (tons/yr)		288					
Hydrology		Q _{BKF} (cfs)	2.892	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	314		391	77						
	Flow-Related Sediment (tons/yr)	16		731	714						
Erosion Summary	Total Introduced Sediment (tons/yr)	369		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	81	91	197	361			
	Total Flow Related Sediment (tons/yr)	731		Percent of Total Yield	11%	12%	27%	49%			
		☒ Degradation		☐ Aggradation							



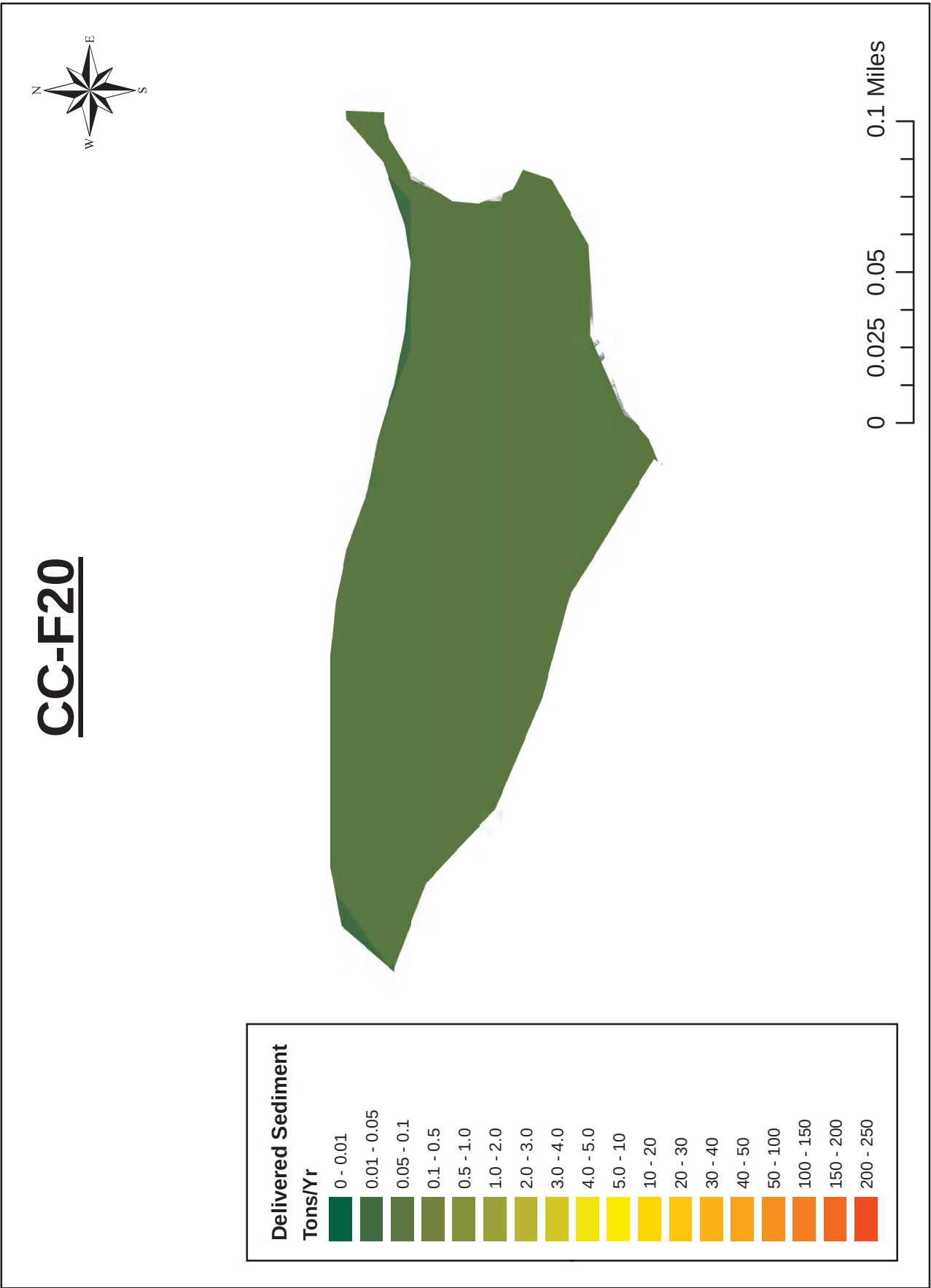




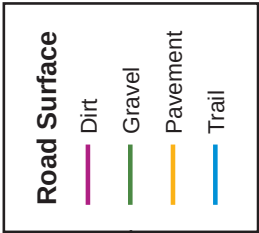
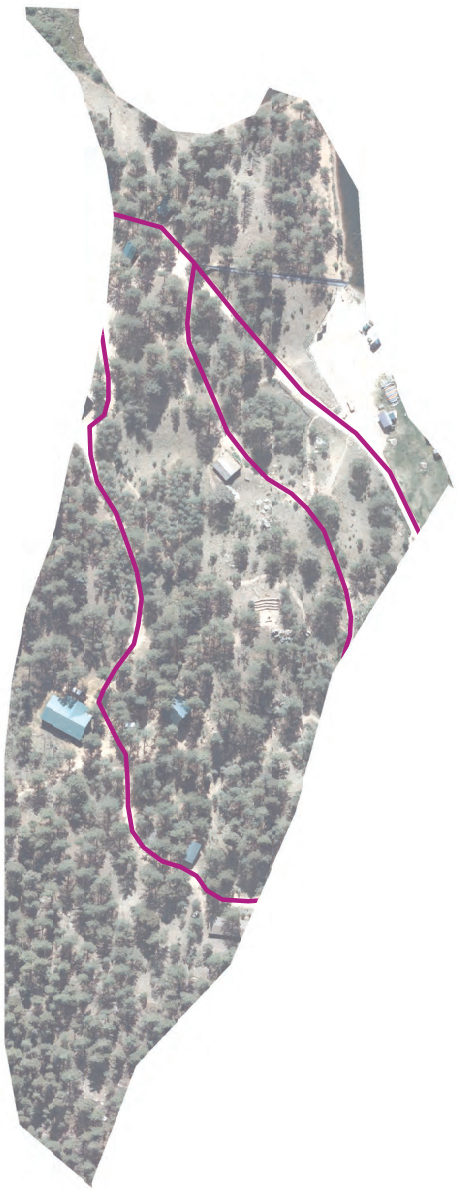
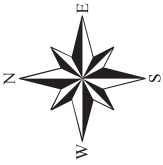


Camp Creek, Sub-Watershed F20 (CC-F20)

Watershed Summary		Stream: Camp Creek		Sub-Watershed: CC-F20								
Watershed Characteristics	Drainage Area (mi ²)	0.02		High	Moderate	Low	Unburned					
	Burn Severity (%)		0.0%	0.0%	7.0%	93.0%						
	Drainage Density	0.00										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Fair-Poor	Poor	Total Erosion (tons/yr)		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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	2,019		Sediment from Surface Erosion (tons/yr)		0.10						
	Total Sediment from Roads (tons/yr)	0.46		Introduced Sediment Roads & Hillslope (tons/yr)		1						
Hydrology	Q _{BKF} (cfs)		0.316	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		34	N/A	N/A							
	Flow-Related Sediment (tons/yr)		6	N/A	N/A							
Erosion Summary	Total Introduced Sediment (tons/yr)	1		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			0	0	0	N/A						
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A				
		☐ Degradation		☐ Aggradation								



CC-F20



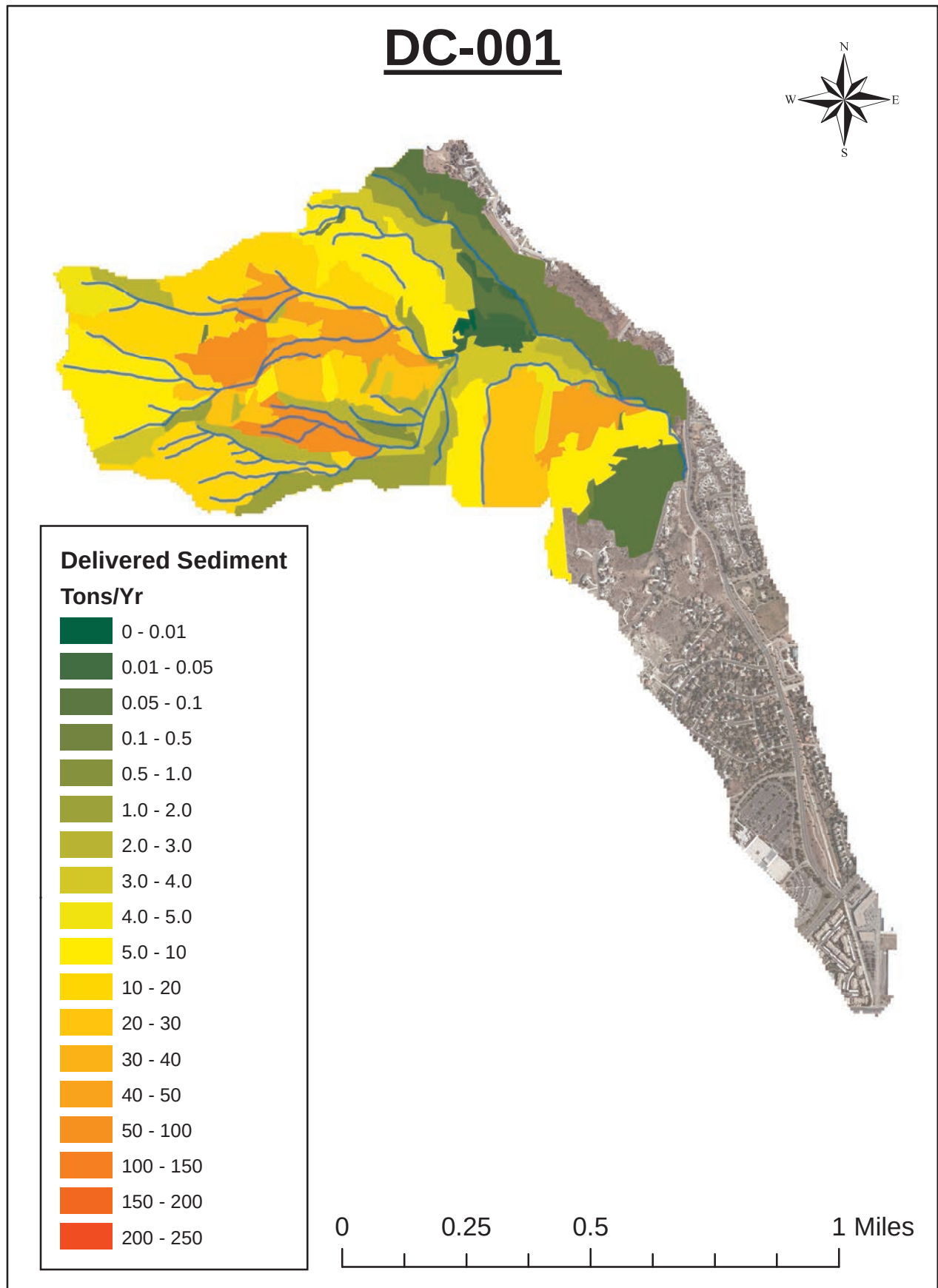
Watershed Summaries: Douglas Creek

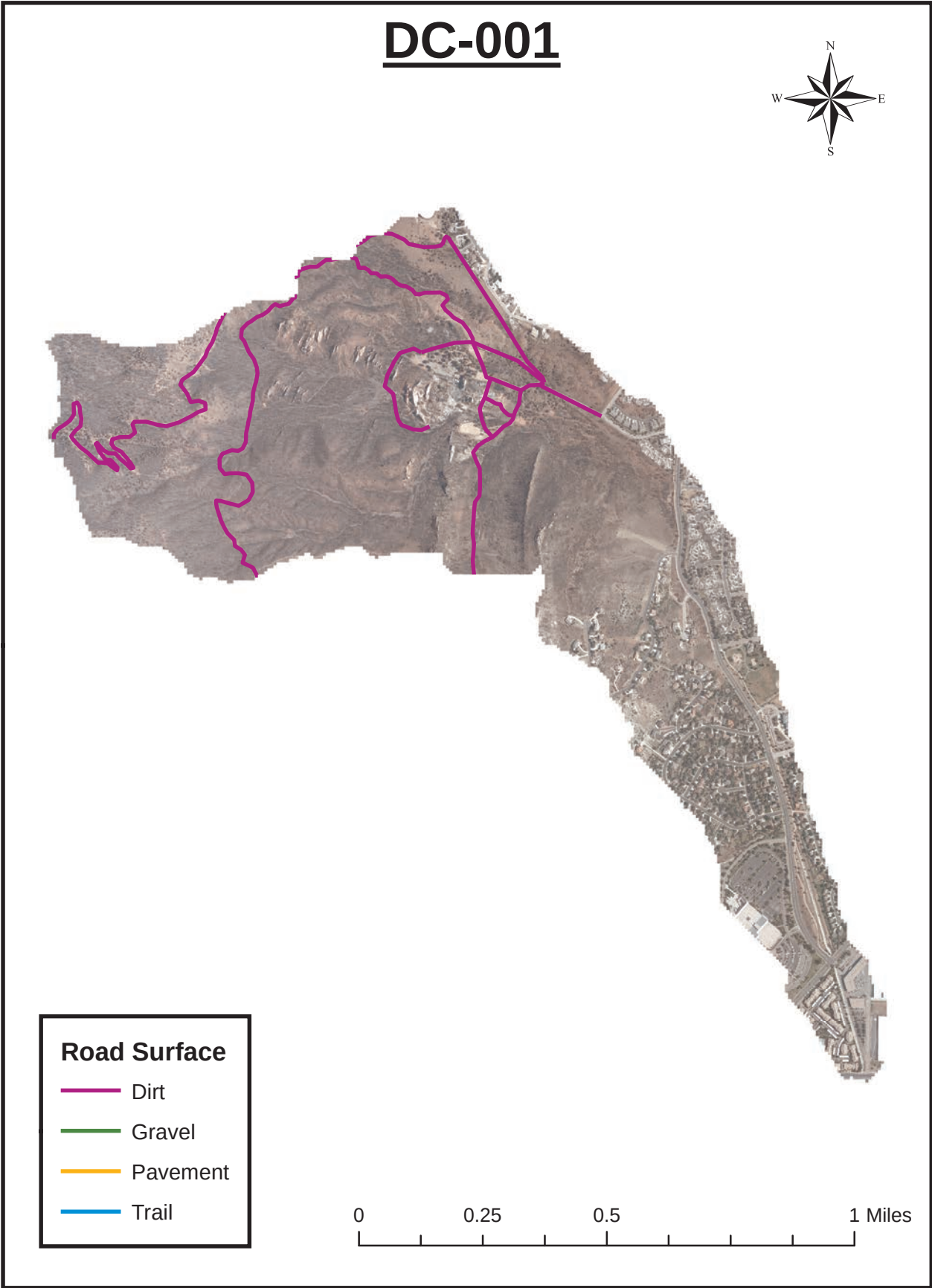
Douglas Creek Watershed Summary

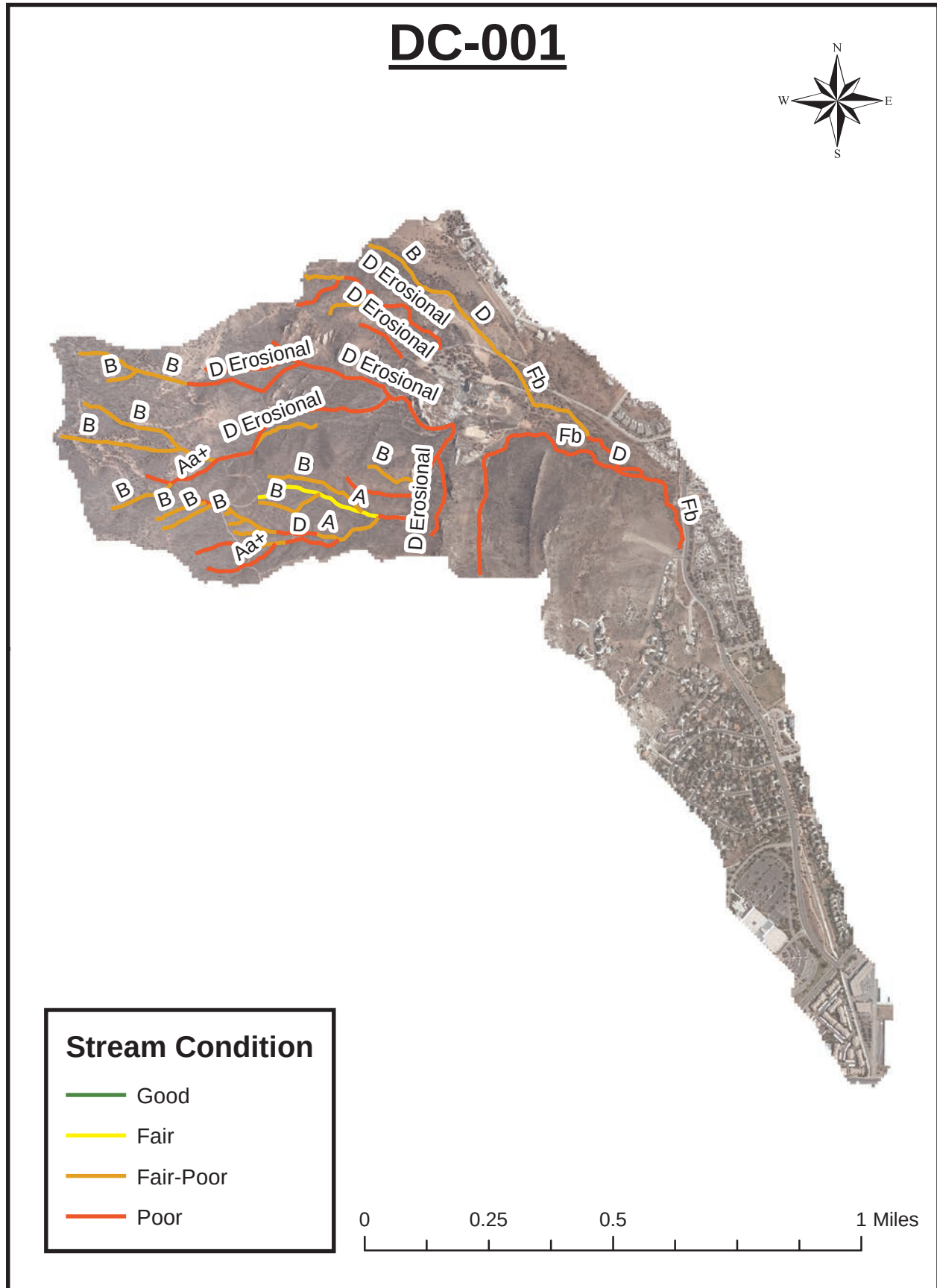
Watershed Summary		Stream: Douglas Creek		Sub-Watershed: Douglas Creek							
Watershed Characteristics	Drainage Area (mi ²)	7.66		High	Moderate	Low	Unburned				
				Burn Severity (%)	5.8%	32.0%	21.3%	40.8%			
	Drainage Density	4.67									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		35%	17%	22%	0%	18%	1%	0%	0%	6%	1%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	7%	19%	24%	50%	Total Erosion (tons/yr)	6,108				
	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	2%	2%	9%	13%	62%	5%	6%	1%	0%	
Hillslope Processes	Length of Road (ft)	75,088		Sediment from Surface Erosion (tons/yr)	4057.14						
	Total Sediment from Roads (tons/yr)	236.06		Introduced Sediment Roads & Hillslope (tons/yr)	4293						
Hydrology	Q _{BKF} (cfs)	17.988		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			1,511	2,156	646					
	Flow-Related Sediment (tons/yr)			47	7,834	7,787					
Erosion Summary	Total Introduced Sediment (tons/yr)	10,401		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				6,108	236	4,057	-2,567				
	Total Flow Related Sediment (tons/yr)	7,834		Percent of Total Yield	N/A	N/A	N/A	N/A			
				☐ Degradation ☒ Aggradation							

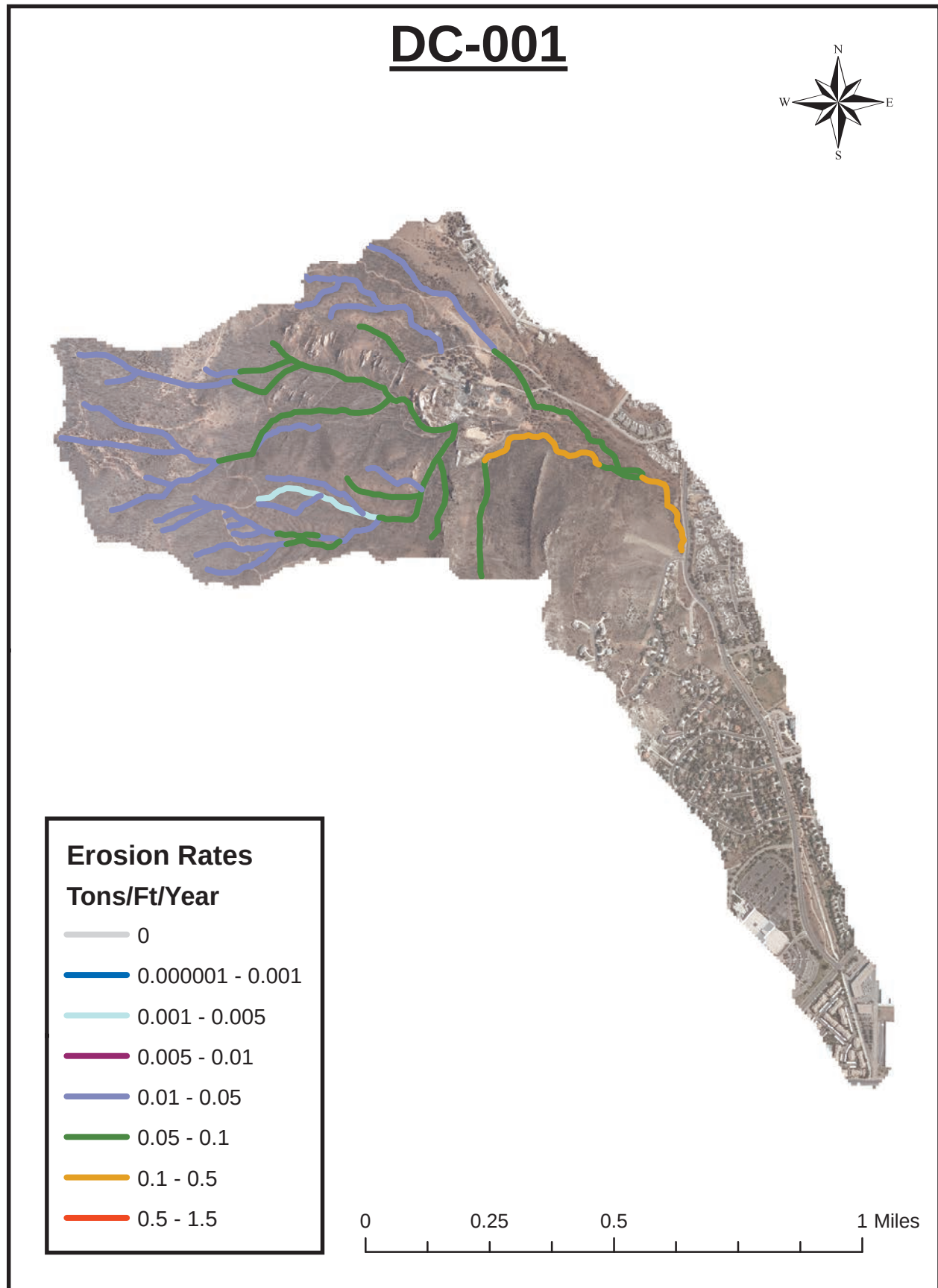
Douglas Creek, Sub-Watershed 001 (DC-001)

Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-001								
Watershed Characteristics	Drainage Area (mi ²)	0.93		High	Moderate	Low	Unburned					
	Burn Severity (%)		7.0%	47.0%	26.0%	20.0%						
	Drainage Density	8.65										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
		10%	10%	32%	0%	38%	0%	0%	0%	10%	0%	
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Fair-Poor	Poor	Total Erosion (tons/yr)		781			
	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%	0%	
Hillslope Processes	Length of Road (ft)	22,937		Sediment from Surface Erosion (tons/yr)		626.83						
	Total Sediment from Roads (tons/yr)	205.70		Introduced Sediment Roads & Hillslope (tons/yr)		833						
Hydrology	Q _{BKF} (cfs)	4.4739		Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		485		574	89						
	Flow-Related Sediment (tons/yr)		20		1,968	1,947						
Erosion Summary	Total Introduced Sediment (tons/yr)	1,613		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			781		206	627	355					
	Total Flow Related Sediment (tons/yr)	1,968		Percent of Total Yield	40%	10%	32%	18%				
		☒ Degradation		☐ Aggradation								





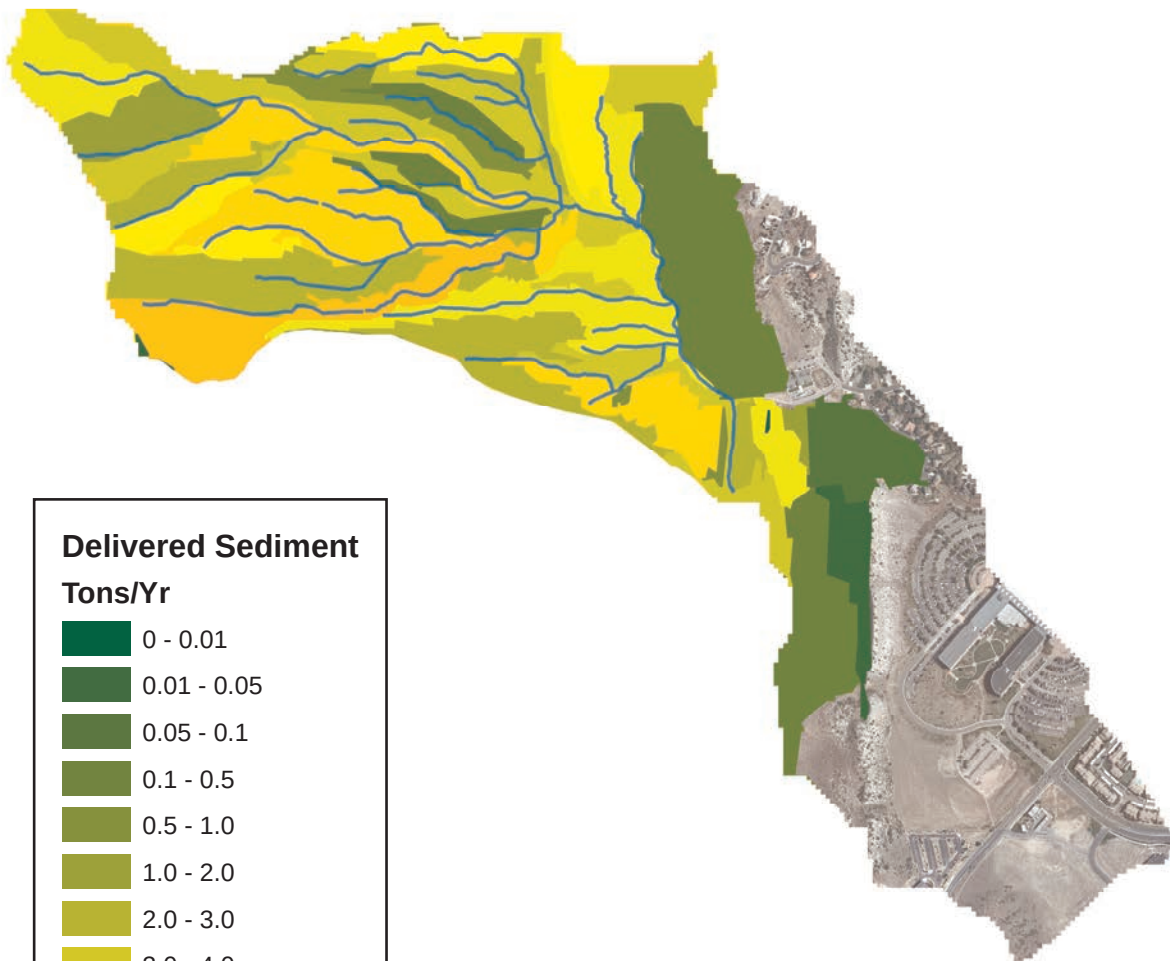
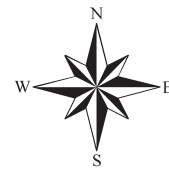




Douglas Creek, Sub-Watershed F02 (DC-F02)

Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-F02							
Watershed Characteristics	Drainage Area (mi ²)	0.68		High	Moderate	Low	Unburned				
				Burn Severity (%)	4.0%	47.0%	21.0%	28.0%			
	Drainage Density	8.49									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		21%	53%	5%	0%	0%	0%	0%	0%	21%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	16%	20%	65%	Total Erosion (tons/yr)	531				
	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%	13%	87%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	8,582		Sediment from Surface Erosion (tons/yr)	233.21						
	Total Sediment from Roads (tons/yr)	16.27		Introduced Sediment Roads & Hillslope (tons/yr)	249						
Hydrology	Q _{BKF} (cfs)	3.6597		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			397	419	22					
	Flow-Related Sediment (tons/yr)			18	1,391	1,373					
Erosion Summary	Total Introduced Sediment (tons/yr)	780		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	531	16	233	611			
	Total Flow Related Sediment (tons/yr)	1,391		Percent of Total Yield	38%	1%	17%	44%			
☒ Degradation ☐ Aggradation											

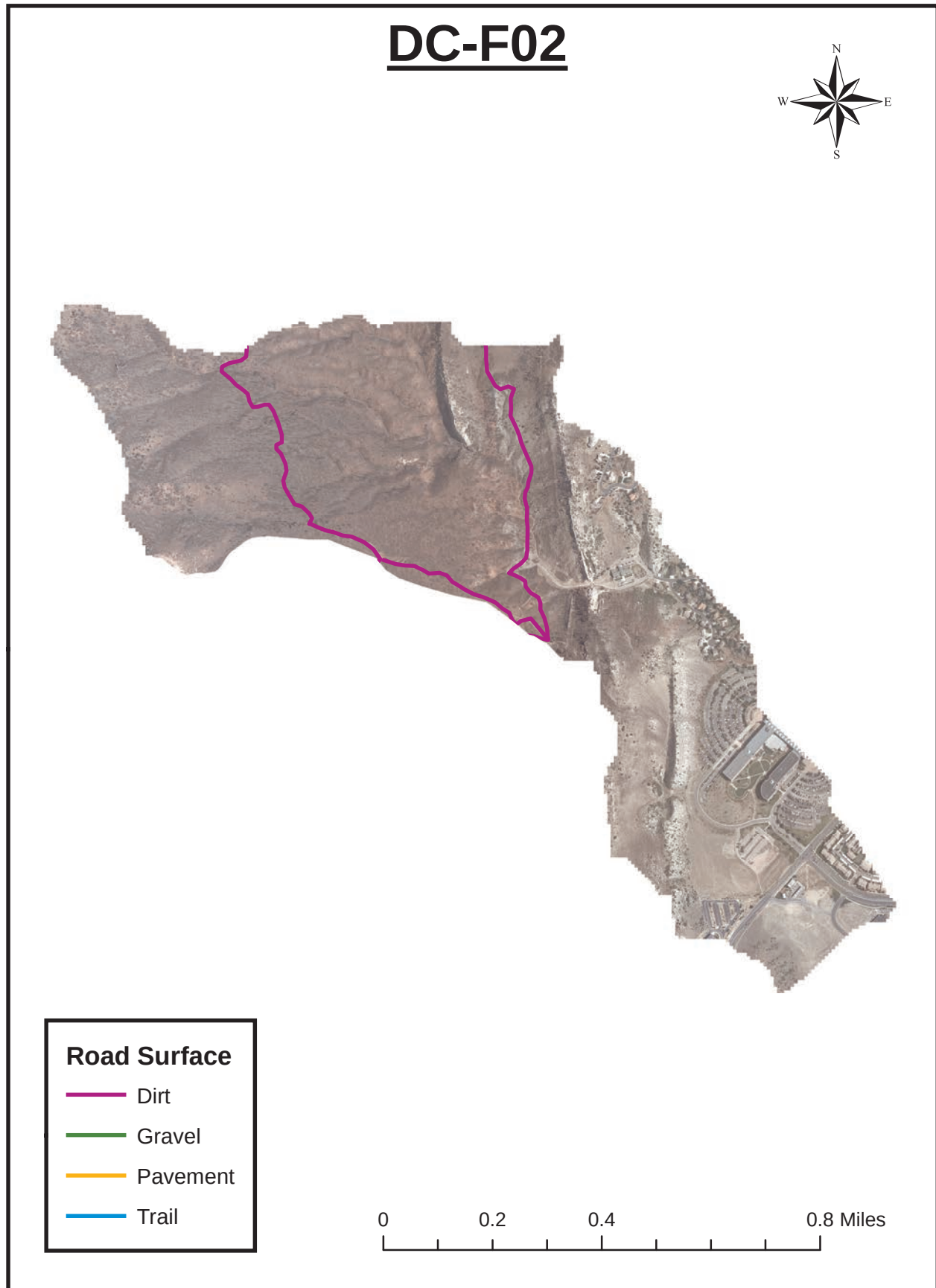
DC-F02

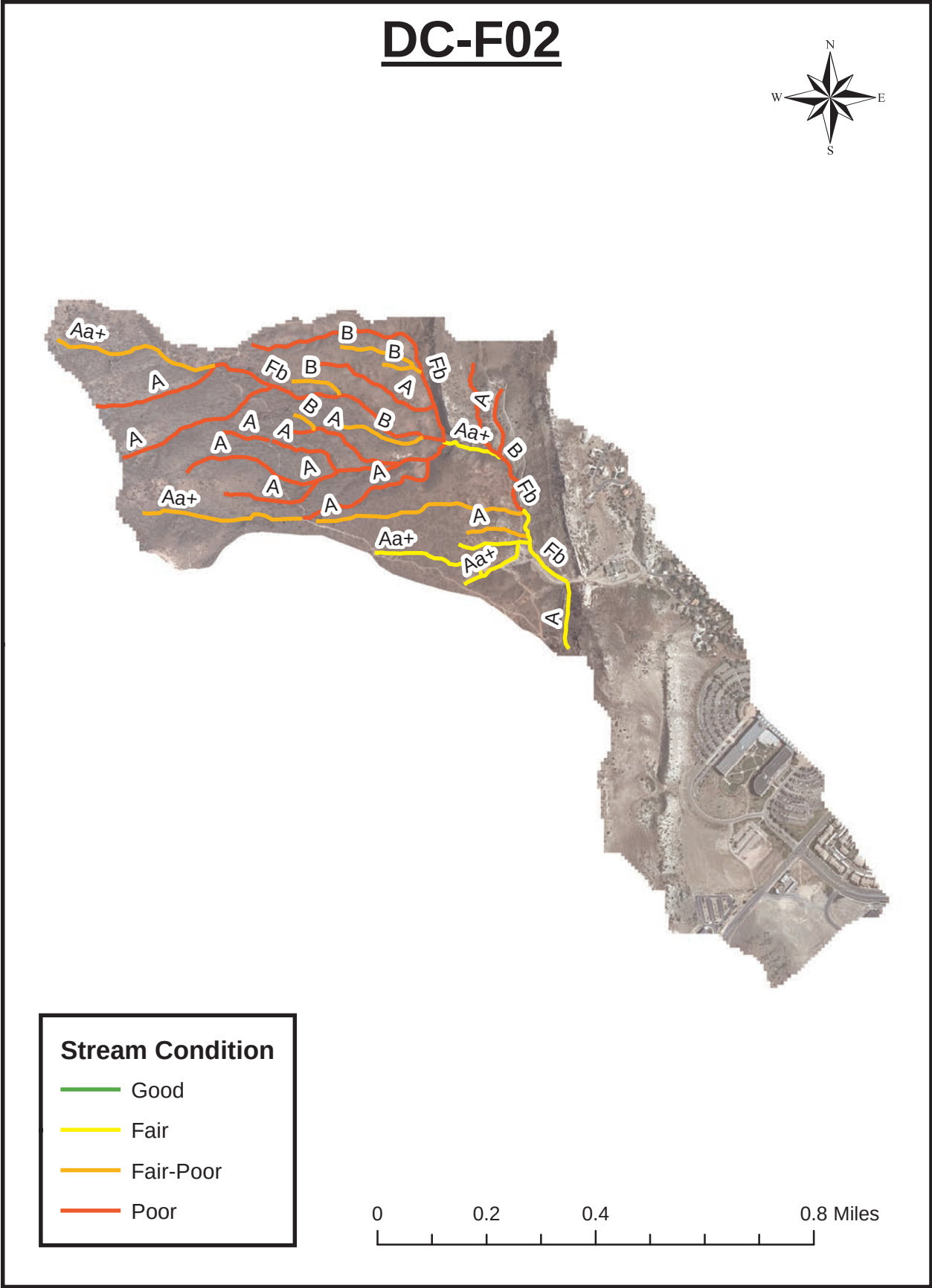


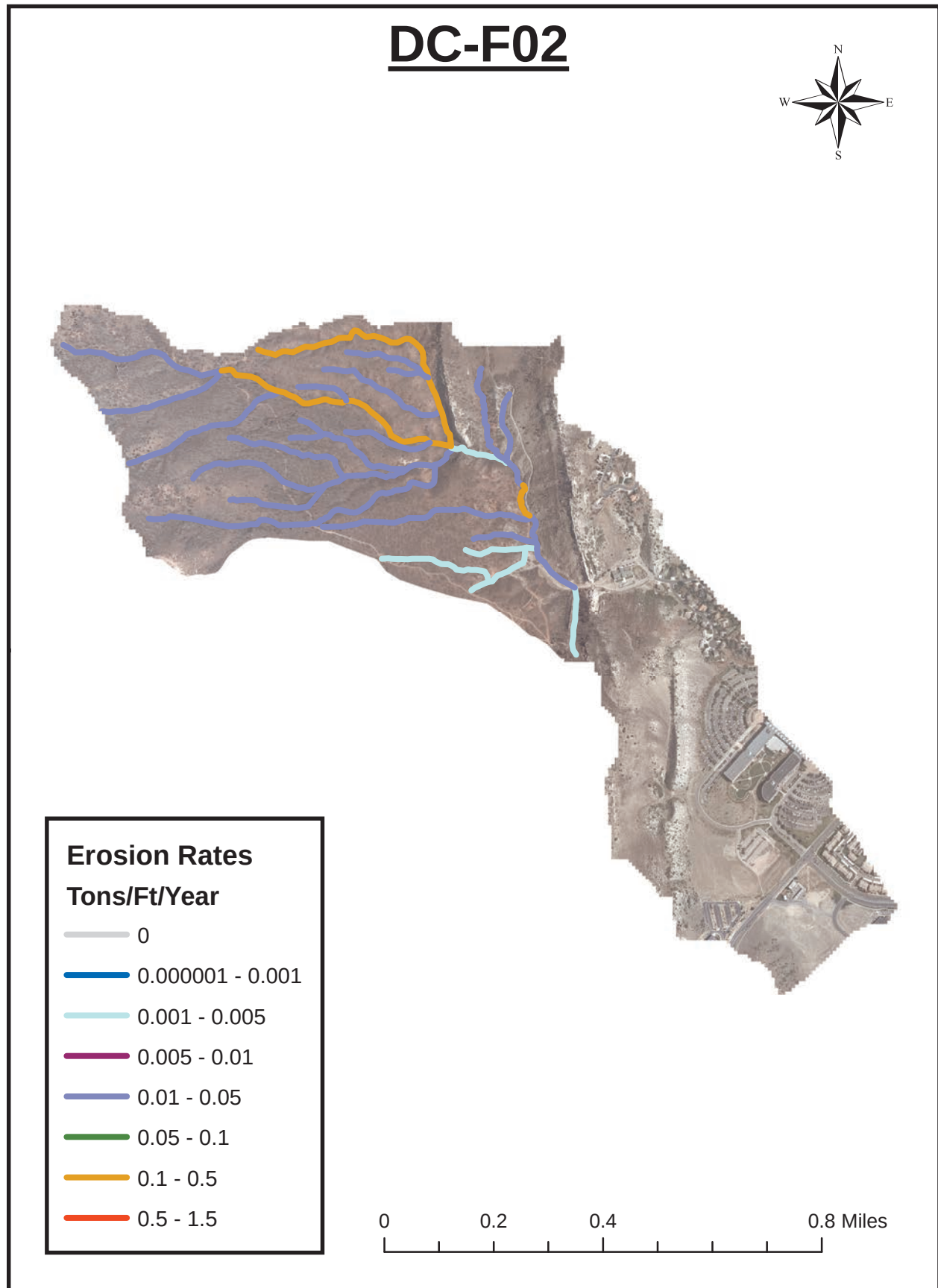
Delivered Sediment Tons/Yr

0 - 0.01
0.01 - 0.05
0.05 - 0.1
0.1 - 0.5
0.5 - 1.0
1.0 - 2.0
2.0 - 3.0
3.0 - 4.0
4.0 - 5.0
5.0 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 100
100 - 150
150 - 200
200 - 250

0 0.125 0.25 0.5 Miles



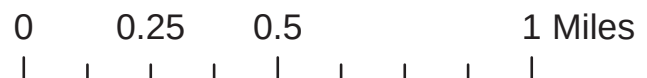
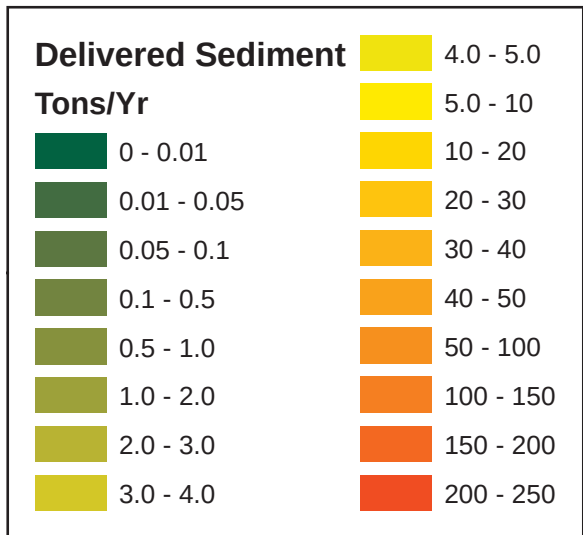
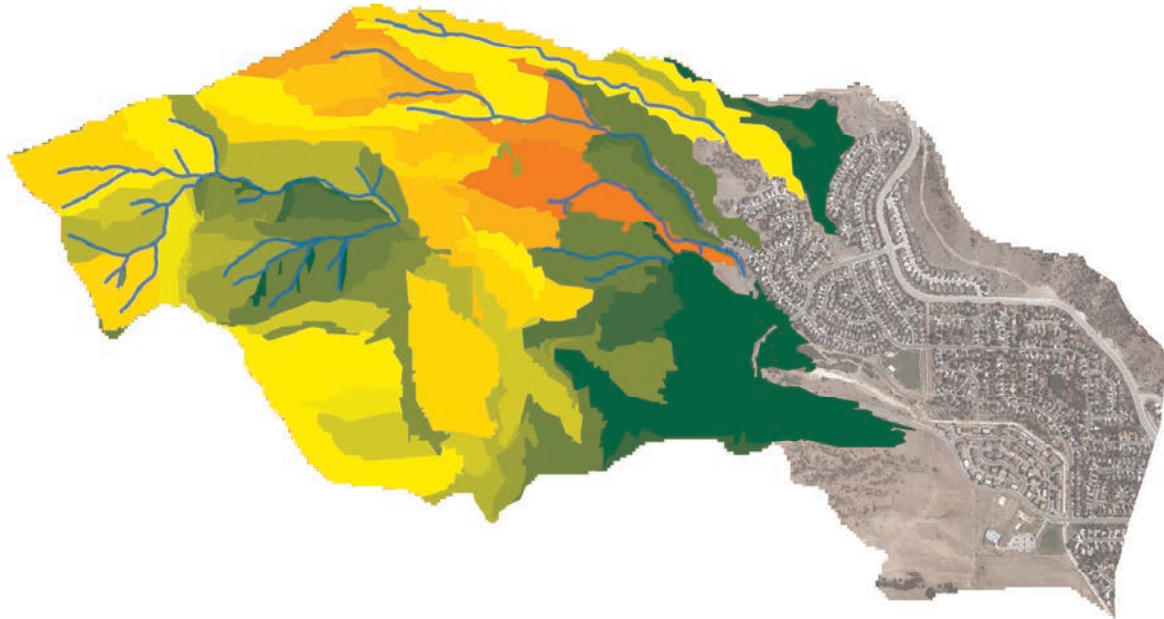
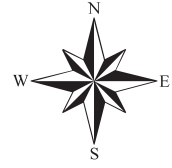


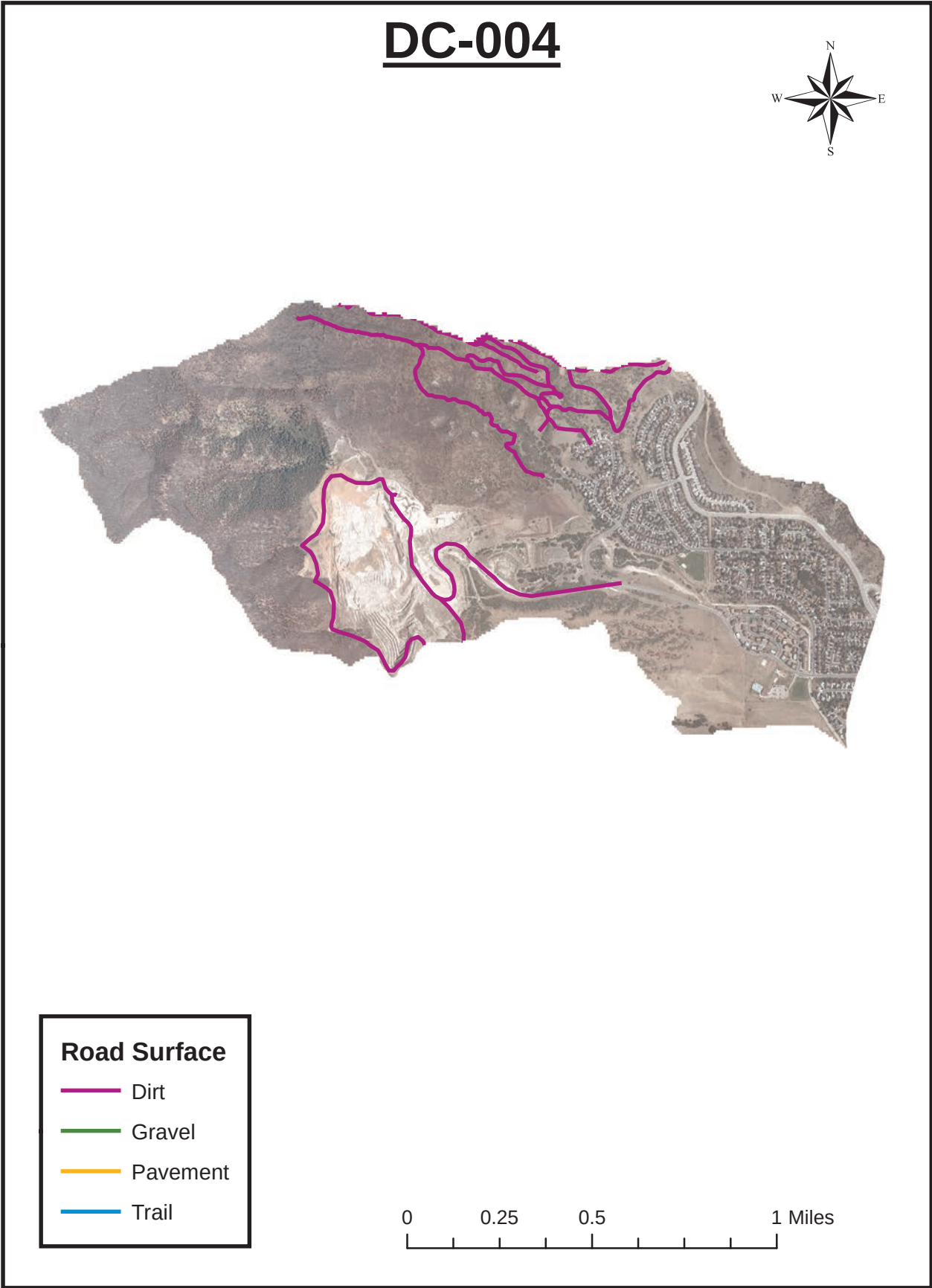


Douglas Creek, Sub-Watershed 004 (DC-004)

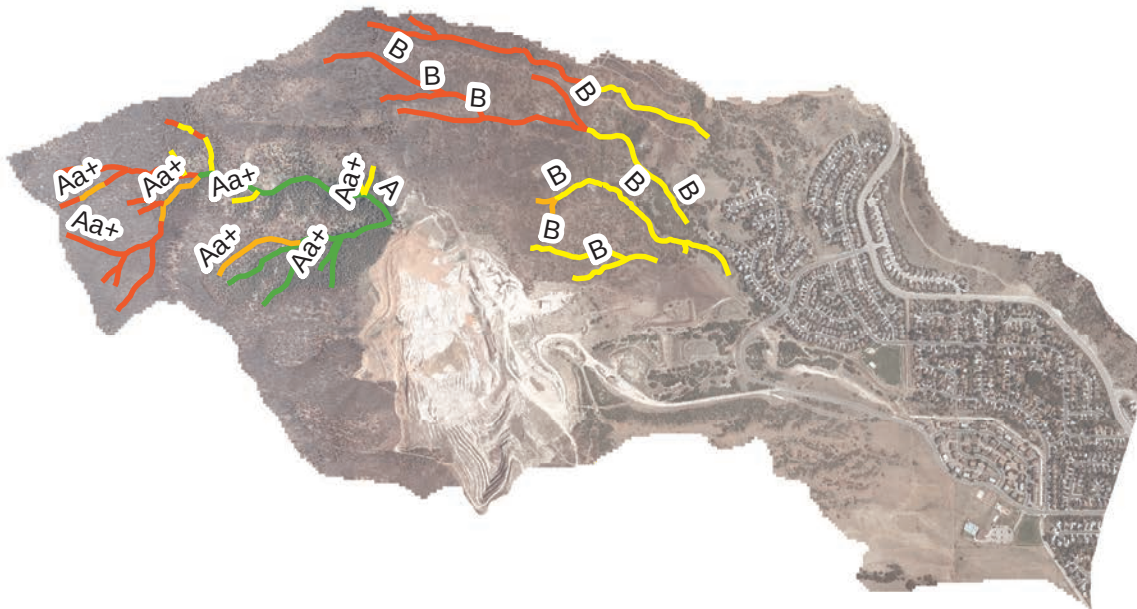
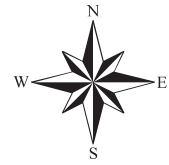
Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-004							
Watershed Characteristics	Drainage Area (mi ²)	1.57		High	Moderate	Low	Unburned				
				Burn Severity (%)	5.0%	24.0%	11.0%	60.0%			
	Drainage Density	3.90									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		36%	13%	44%	0%	7%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	19%	30%	8%	43%	Total Erosion (tons/yr)	228				
	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%	25%	43%	25%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	31,851		Sediment from Surface Erosion (tons/yr)	696.05						
	Total Sediment from Roads (tons/yr)	4.35		Introduced Sediment Roads & Hillslope (tons/yr)	700						
Hydrology		Q _{BKF} (cfs)	6.3484	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	689		838	149						
	Flow-Related Sediment (tons/yr)	25		1,438	1,413						
Erosion Summary	Total Introduced Sediment (tons/yr)	929		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				228	4	696	510				
	Total Flow Related Sediment (tons/yr)	1,438		Percent of Total Yield	16%	0%	48%	35%			
☒ Degradation ☐ Aggradation											

DC-004





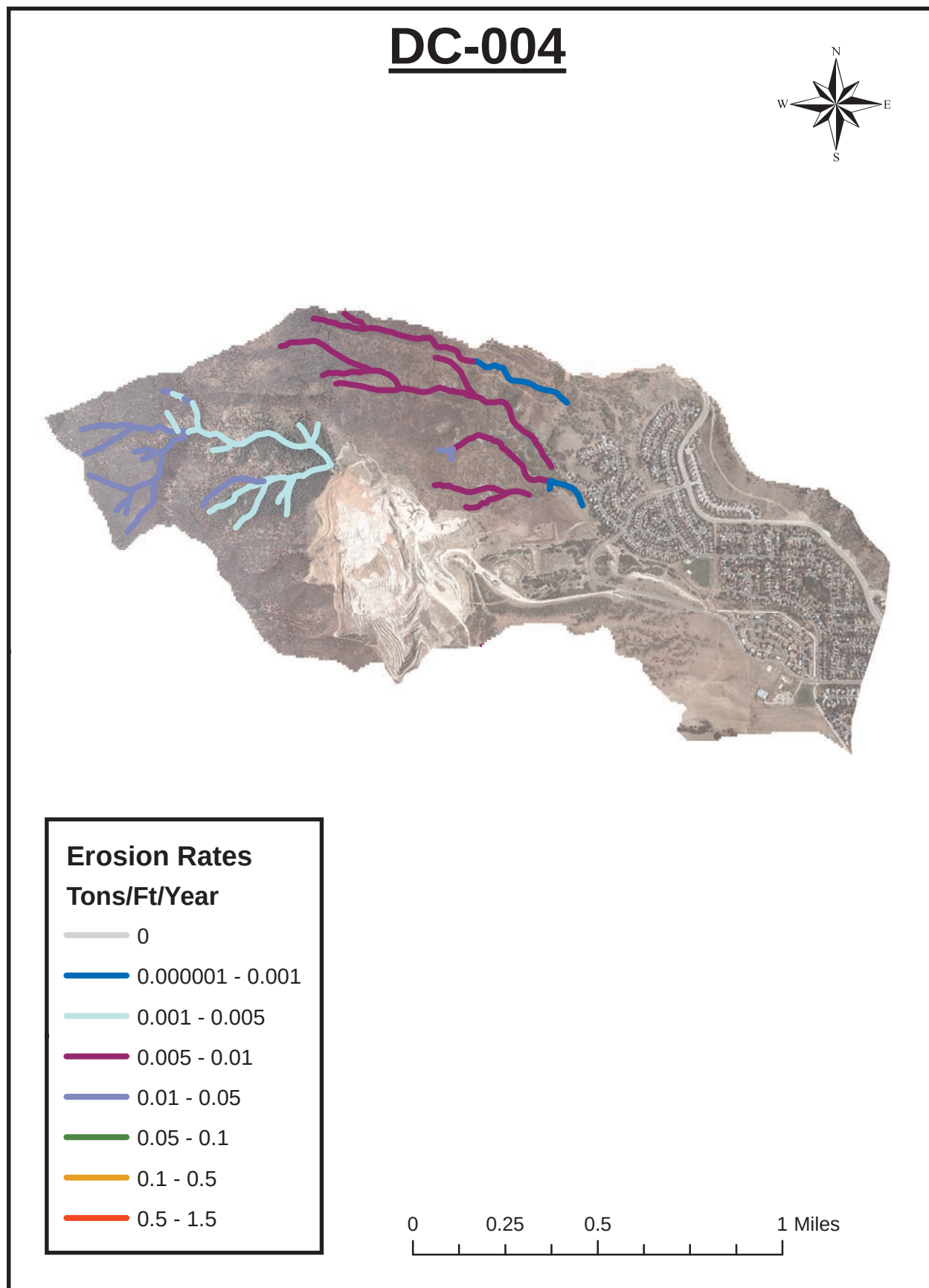
DC-004



Stream Condition

- Good
- Fair
- Fair-Poor
- Poor

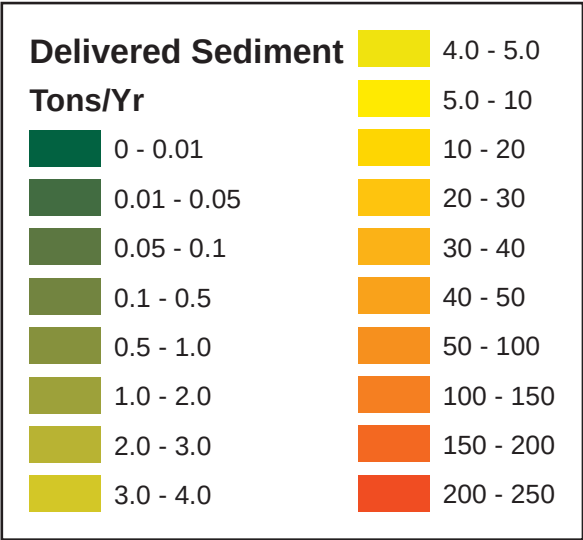
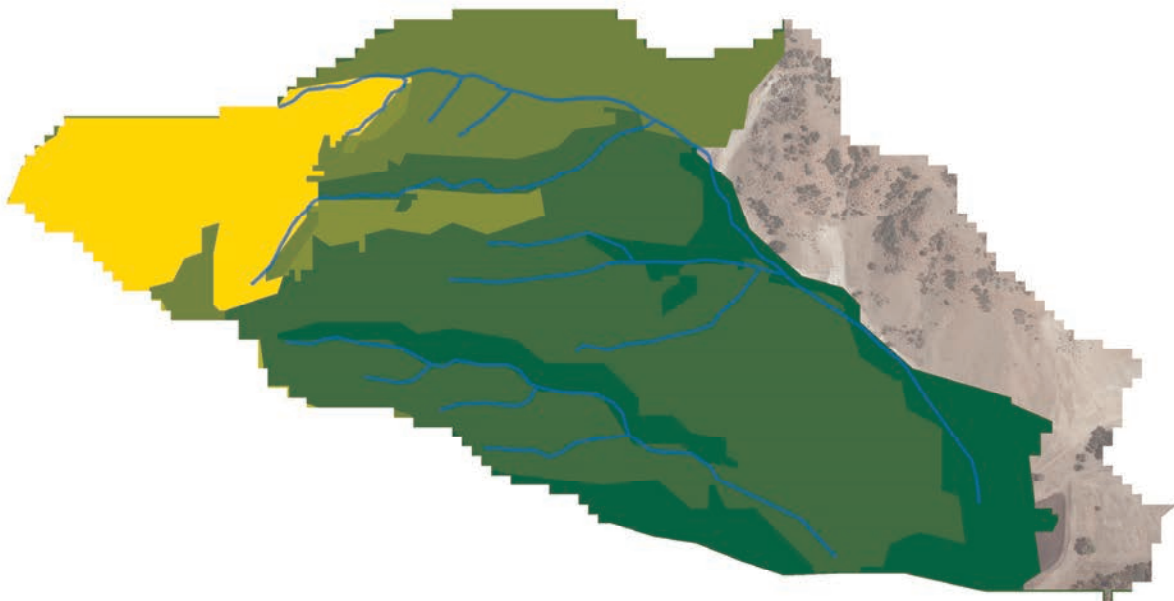
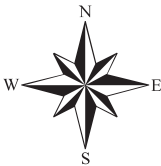




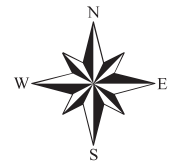
Douglas Creek, Sub-Watershed 005 (DC-005)

Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-005								
Watershed Characteristics	Drainage Area (mi ²)	0.16		High	Moderate	Low	Unburned					
				Burn Severity (%)	0.0%	17.0%	25.0%	58.0%				
	Drainage Density	12.83										
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G	
		0%	0%	68%	0%	32%	0%	0%	0%	0%	0%	
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		32%	25%	43%	0%	Total Erosion (tons/yr)	111				
			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		32%	0%	0%	25%	43%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)		1,314		Sediment from Surface Erosion (tons/yr)		12.38					
	Total Sediment from Roads (tons/yr)		0.00		Introduced Sediment Roads & Hillslope (tons/yr)		12					
Hydrology			Q _{BKF} (cfs)	1.4346	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		156		156	0						
	Flow-Related Sediment (tons/yr)		12		284	273						
Erosion Summary	Total Introduced Sediment (tons/yr)		124		Banks	Roads	Surface Erosion	Streambed				
	Total Flow Related Sediment (tons/yr)		284		Sediment (tons/yr)	111	0	12	161			
			Percent of Total Yield		39%	0%	4%	57%				
				☒ Degradation ☐ Aggradation								

DC-005



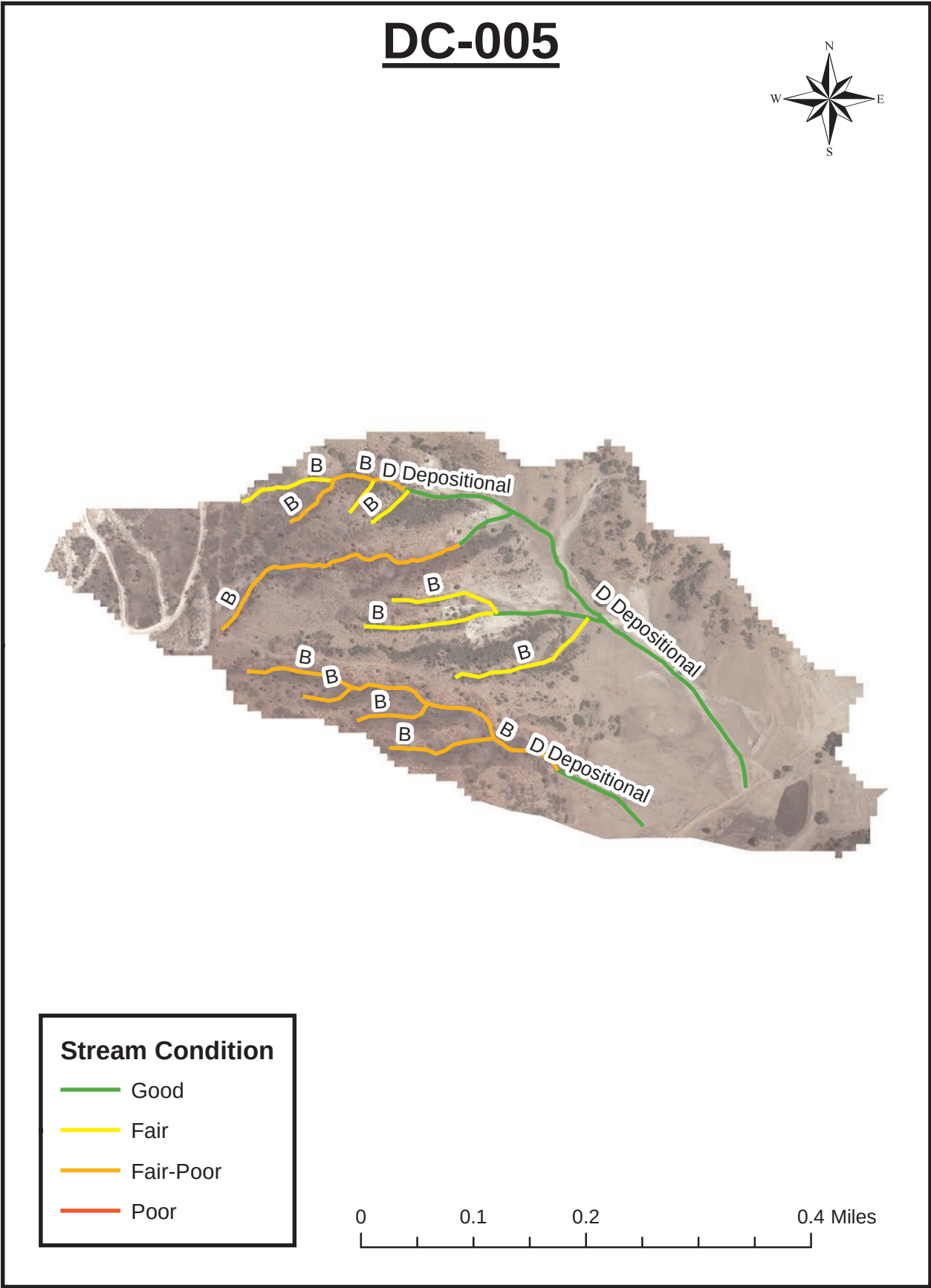
DC-005



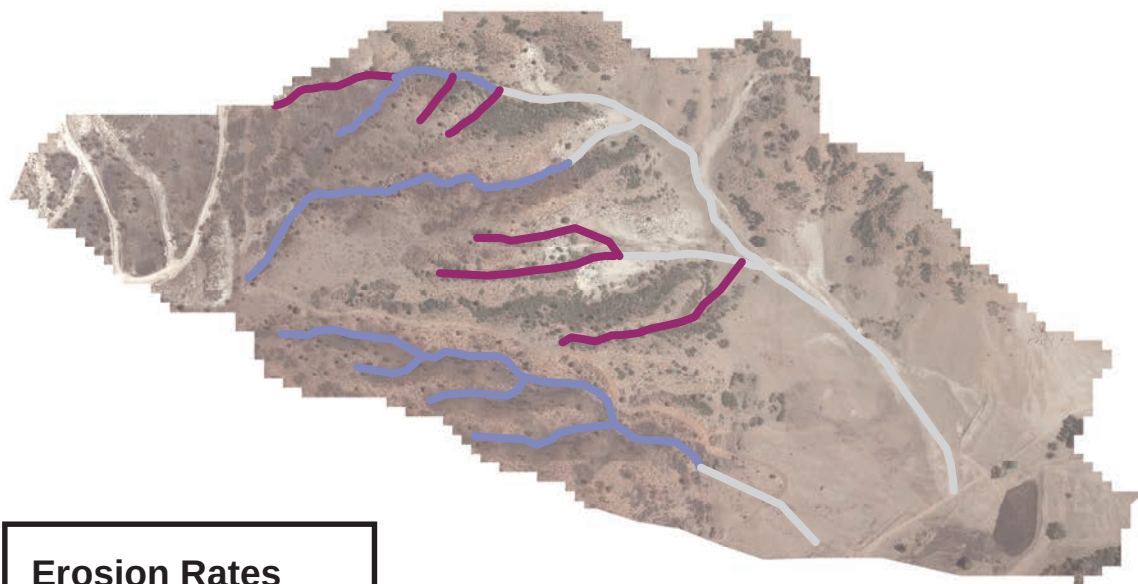
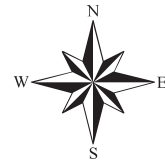
Road Surface

-  Dirt
-  Gravel
-  Pavement
-  Trail

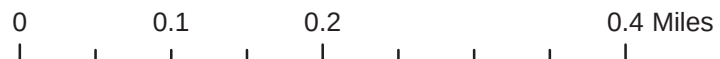
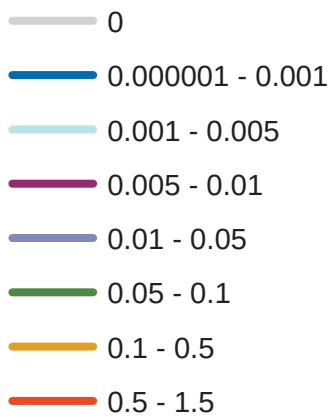
0 0.1 0.2 0.4 Miles



DC-005



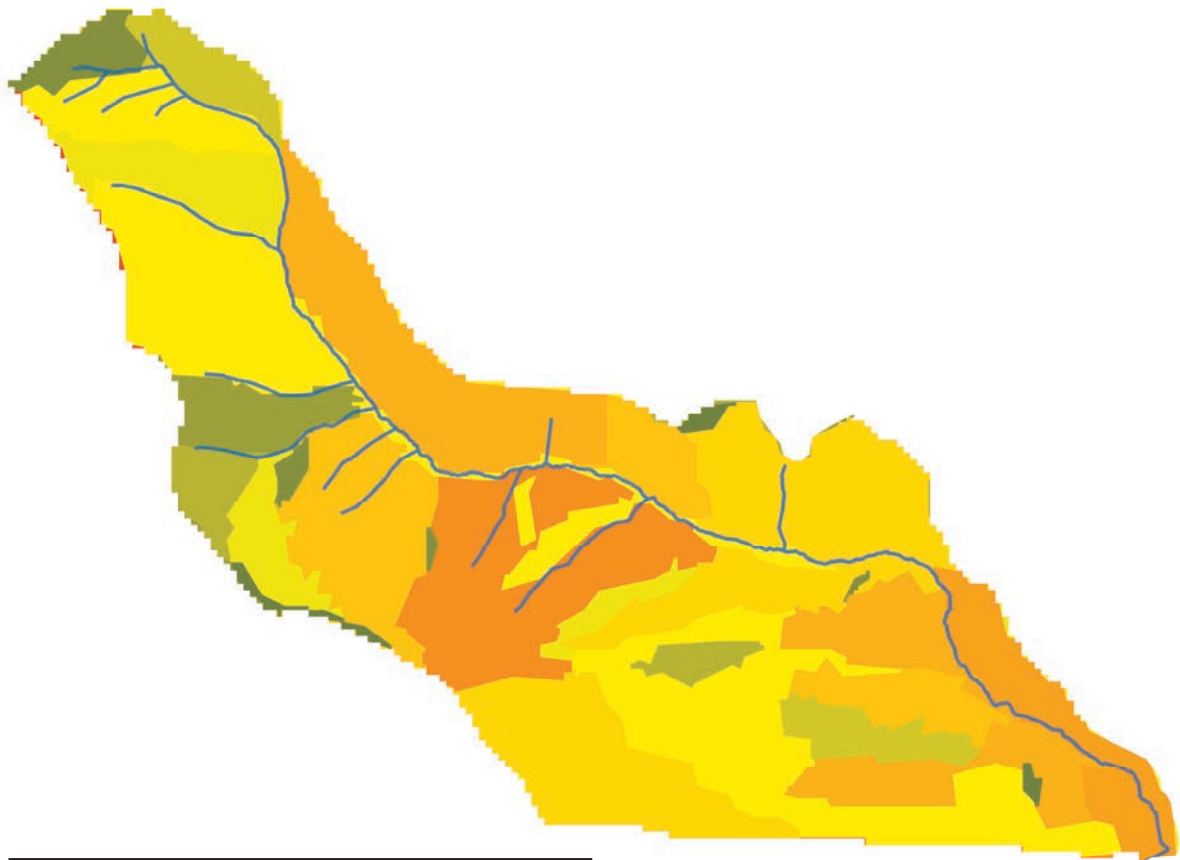
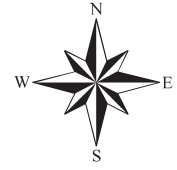
Erosion Rates Tons/Ft/Year



Douglas Creek, Sub-Watershed 006 (DC-006)

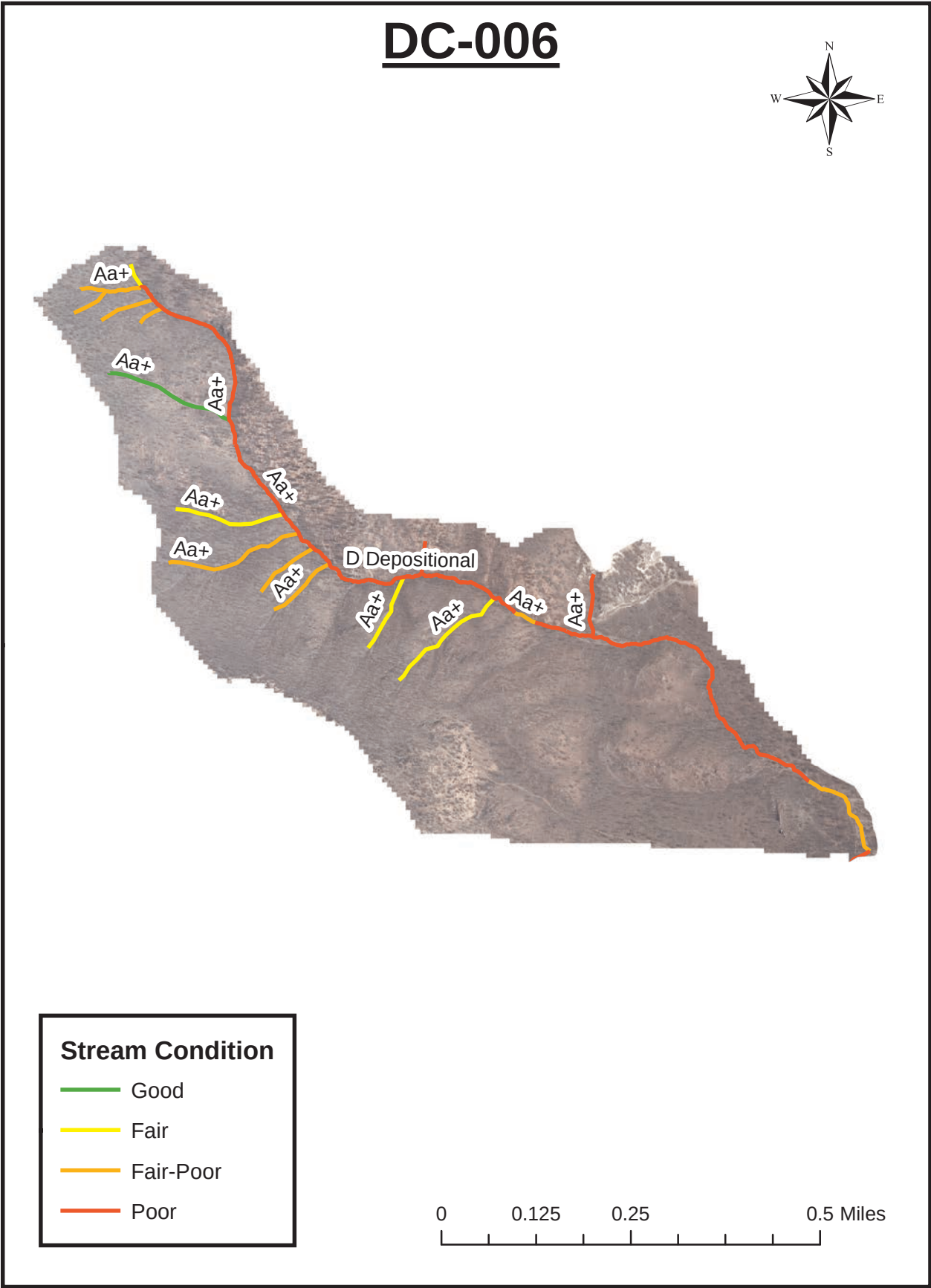
Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-006								
Watershed Characteristics	Drainage Area (mi ²)	0.35		High	Moderate	Low	Unburned					
				Burn Severity (%)	5.0%	0.0%	7.0%	87.0%				
	Drainage Density	8.12										
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G	
		61%	0%	0%	0%	37%	0%	0%	0%	0%	0%	1%
Streambank Erosion		Good	Fair	Fair-Poor	Poor							
	Percent of Stream Conditions	6%	16%	28%	50%	Total Erosion (tons/yr)	737					
	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%	11%	21%	27%	9%	32%	0%	0%		
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	533.62							
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	534							
Hydrology		Q _{BKF} (cfs)	2.3486	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	255		346	91							
	Flow-Related Sediment (tons/yr)	15		1,374	1,359							
Erosion Summary	Total Introduced Sediment (tons/yr)	1,270		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
				737	0	534	104					
	Total Flow Related Sediment (tons/yr)	1,374		Percent of Total Yield	54%	0%	39%	8%				
		☒ Degradation		☐ Aggradation								

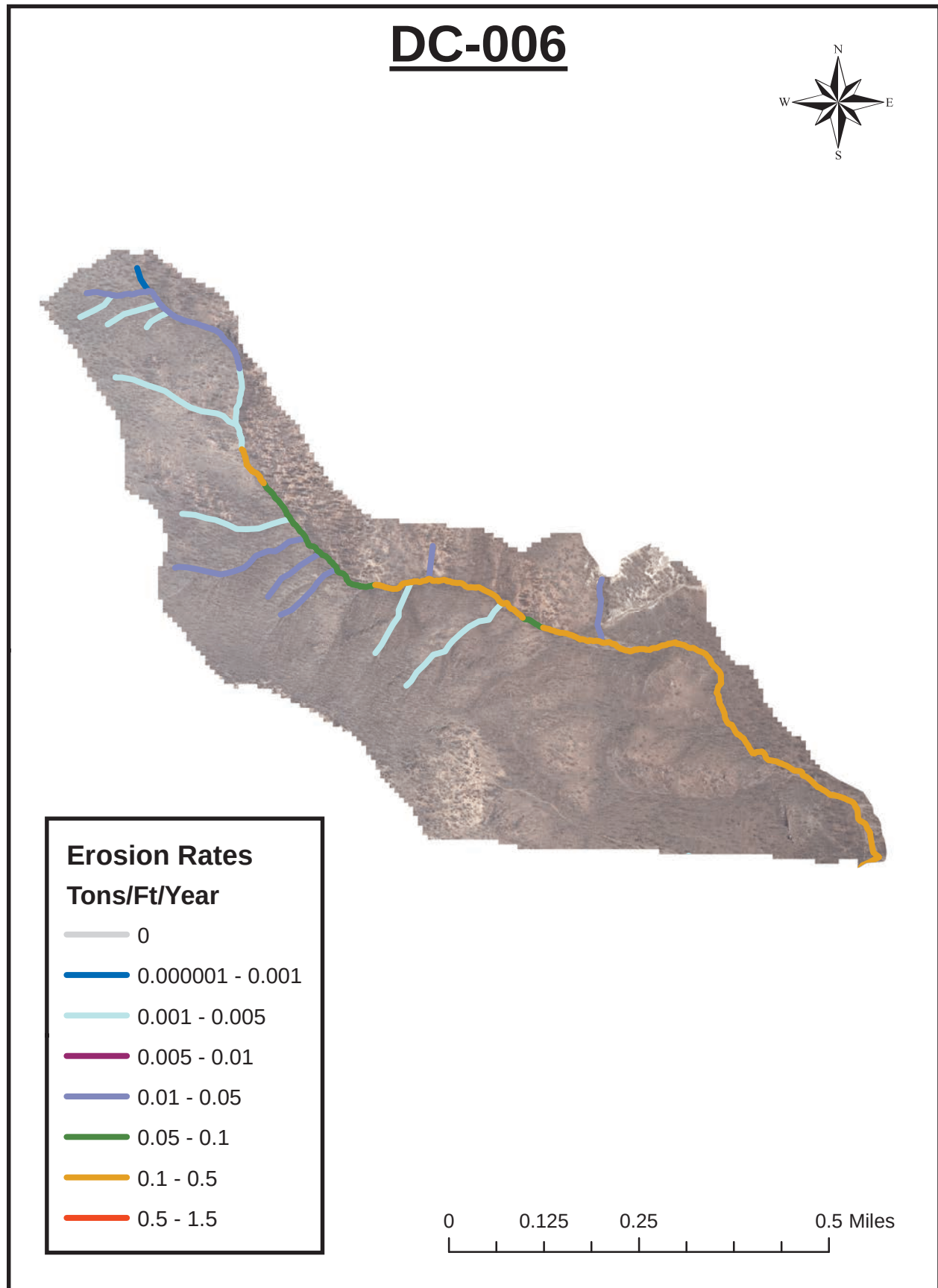
DC-006



Delivered Sediment	
Tons/Yr	
	0 - 0.01
	0.01 - 0.05
	0.05 - 0.1
	0.1 - 0.5
	0.5 - 1.0
	1.0 - 2.0
	2.0 - 3.0
	3.0 - 4.0
	4.0 - 5.0
	5.0 - 10
	10 - 20
	20 - 30
	30 - 40
	40 - 50
	50 - 100
	100 - 150
	150 - 200
	200 - 250

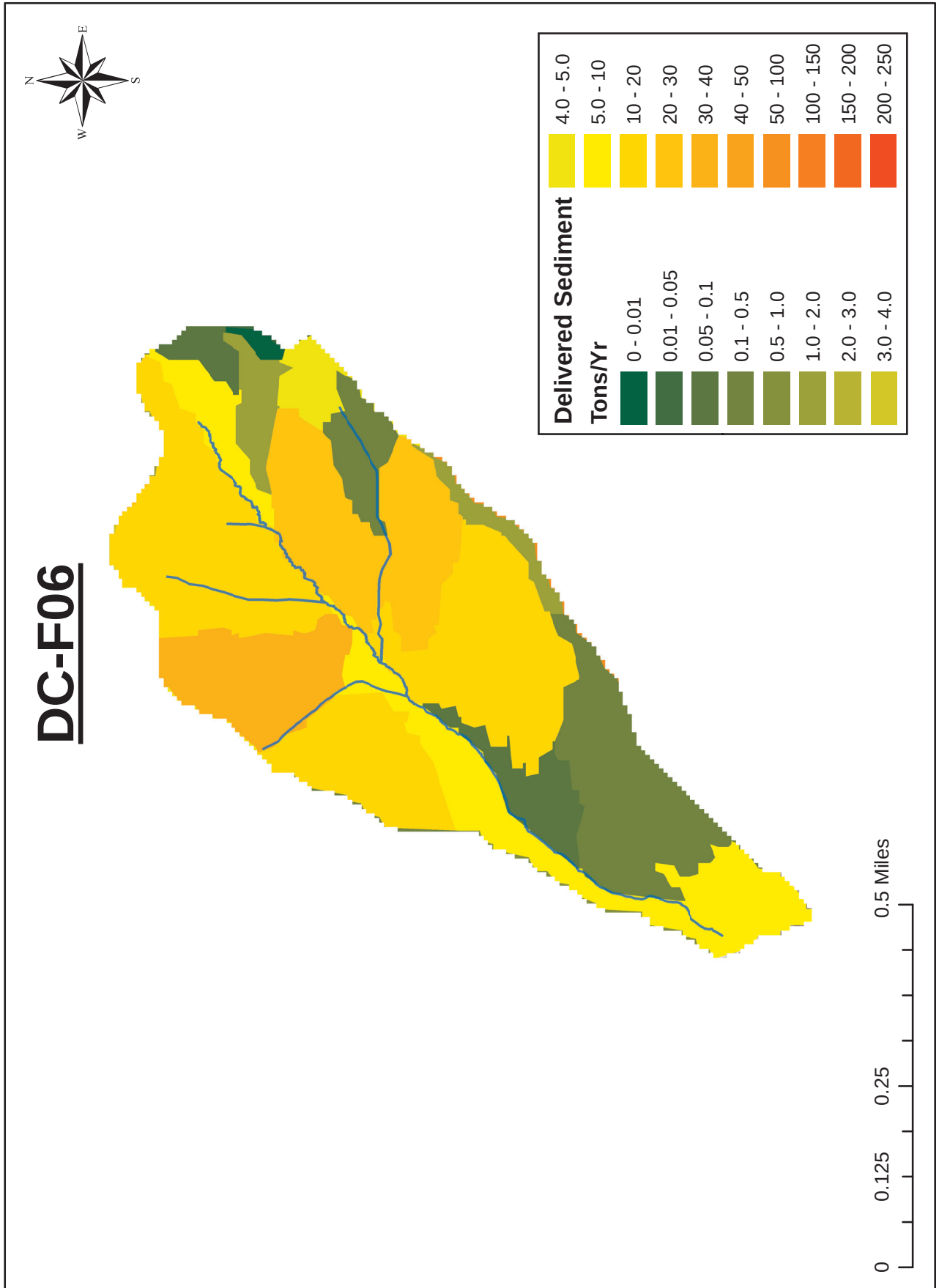
0 0.0750.15 0.3 Miles

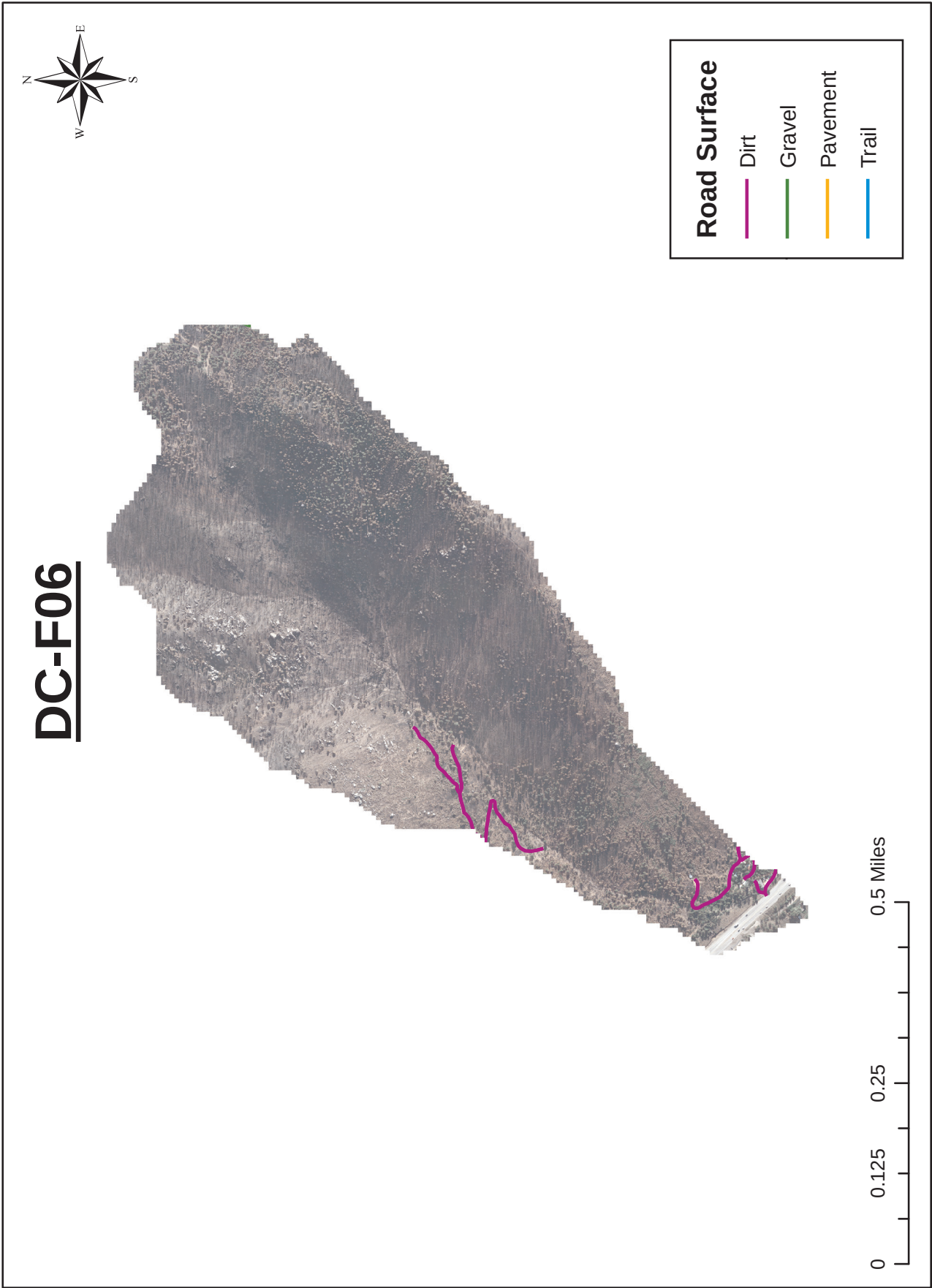


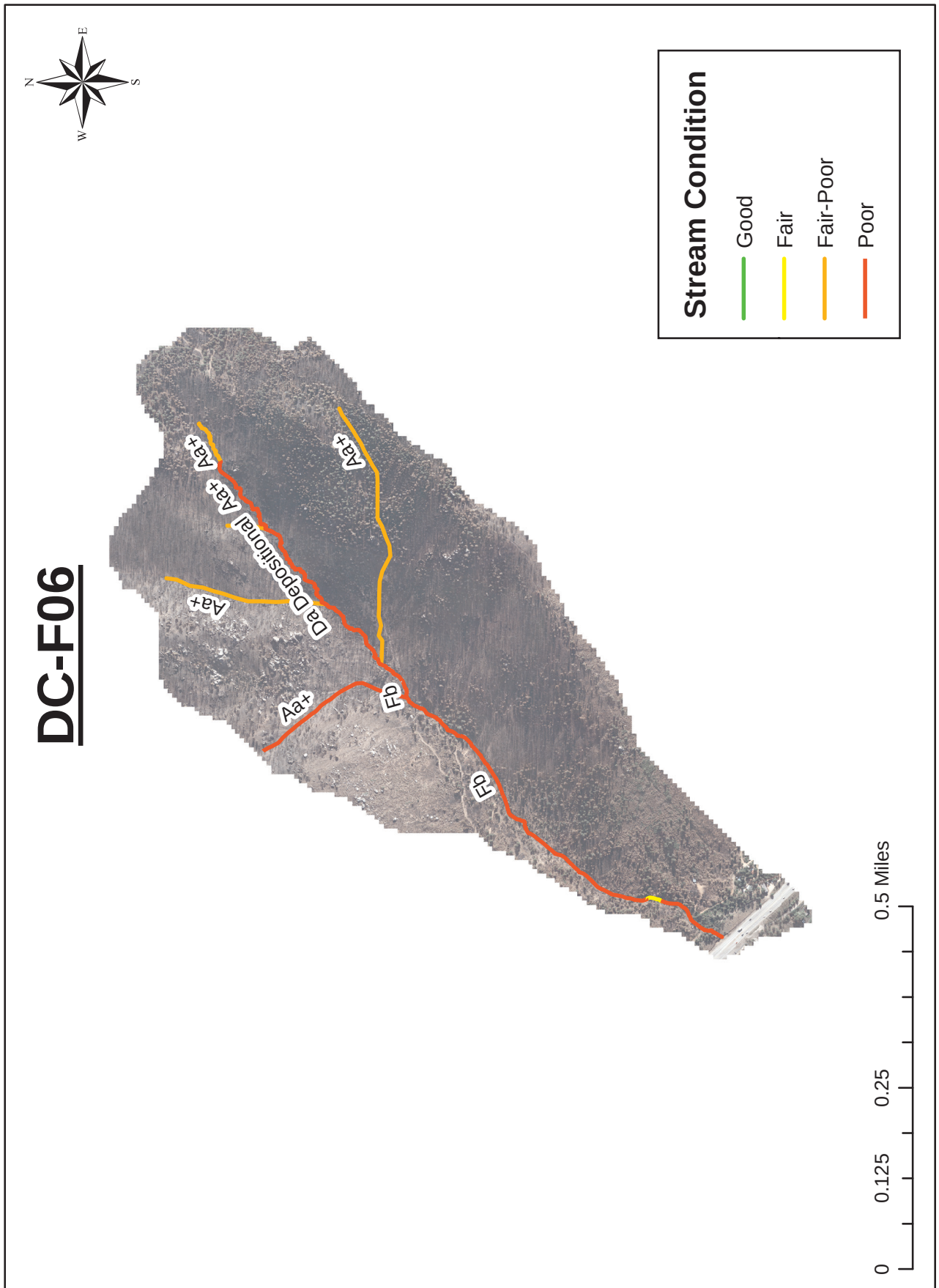


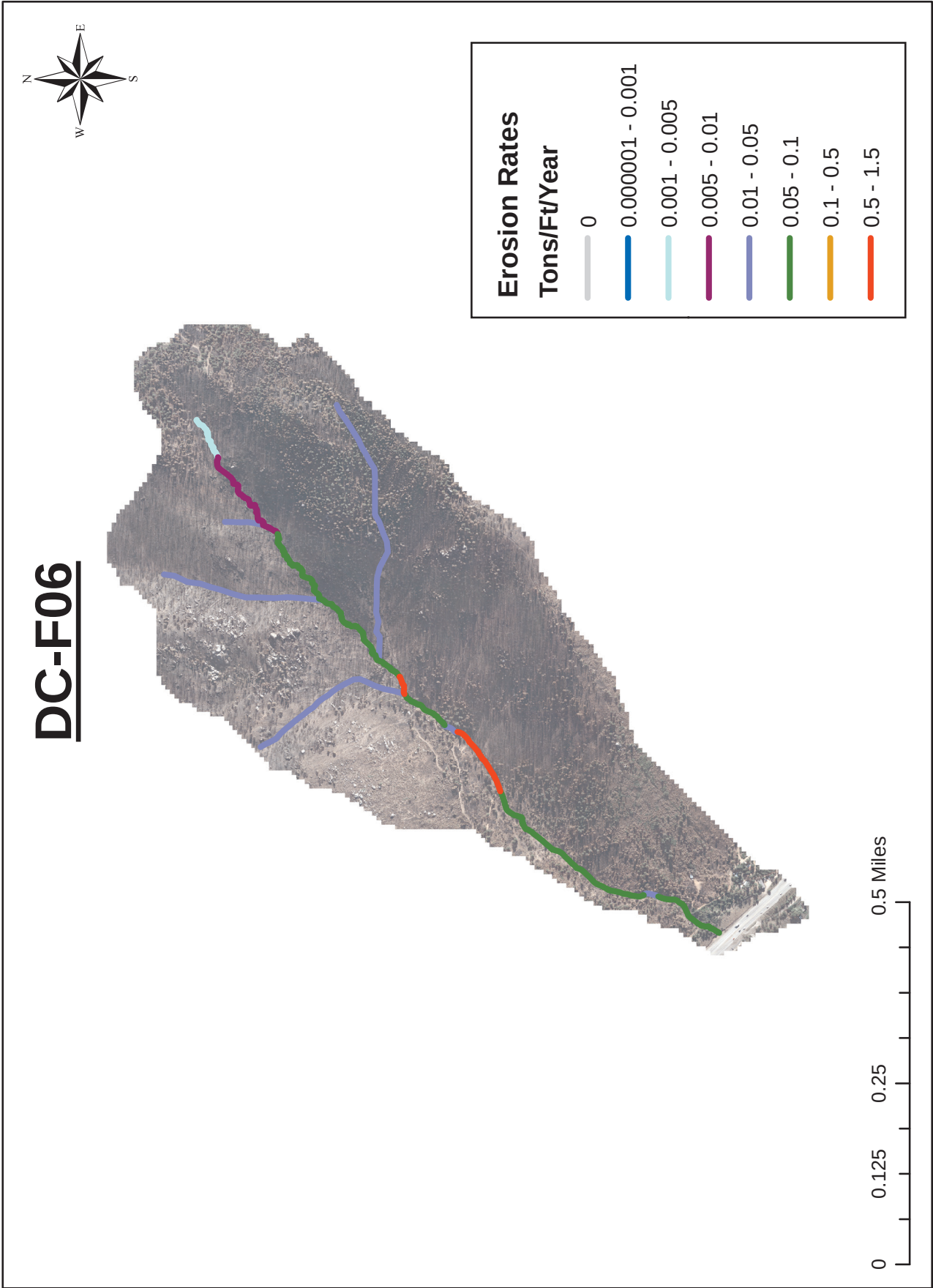
Douglas Creek, Sub-Watershed F06 (DC-F06)

Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-F06							
Watershed Characteristics	Drainage Area (mi ²)	0.03		High	Moderate	Low	Unburned				
		Burn Severity (%)		1.0%	18.0%	25.0%	56.0%				
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor	Total Erosion (tons/yr)		0			
	Percent of Stream Conditions	0%	0%	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)		6.60					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		7					
Hydrology		Q _{BKF} (cfs)	0.4944	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	54		N/A		N/A					
	Flow-Related Sediment (tons/yr)	7		N/A		N/A					
Erosion Summary	Total Introduced Sediment (tons/yr)	7		Banks	Roads	Surface Erosion	Streambed				
		Sediment (tons/yr)		0	0	7	N/A				
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A				
☐ Degradation ☐ Aggradation											





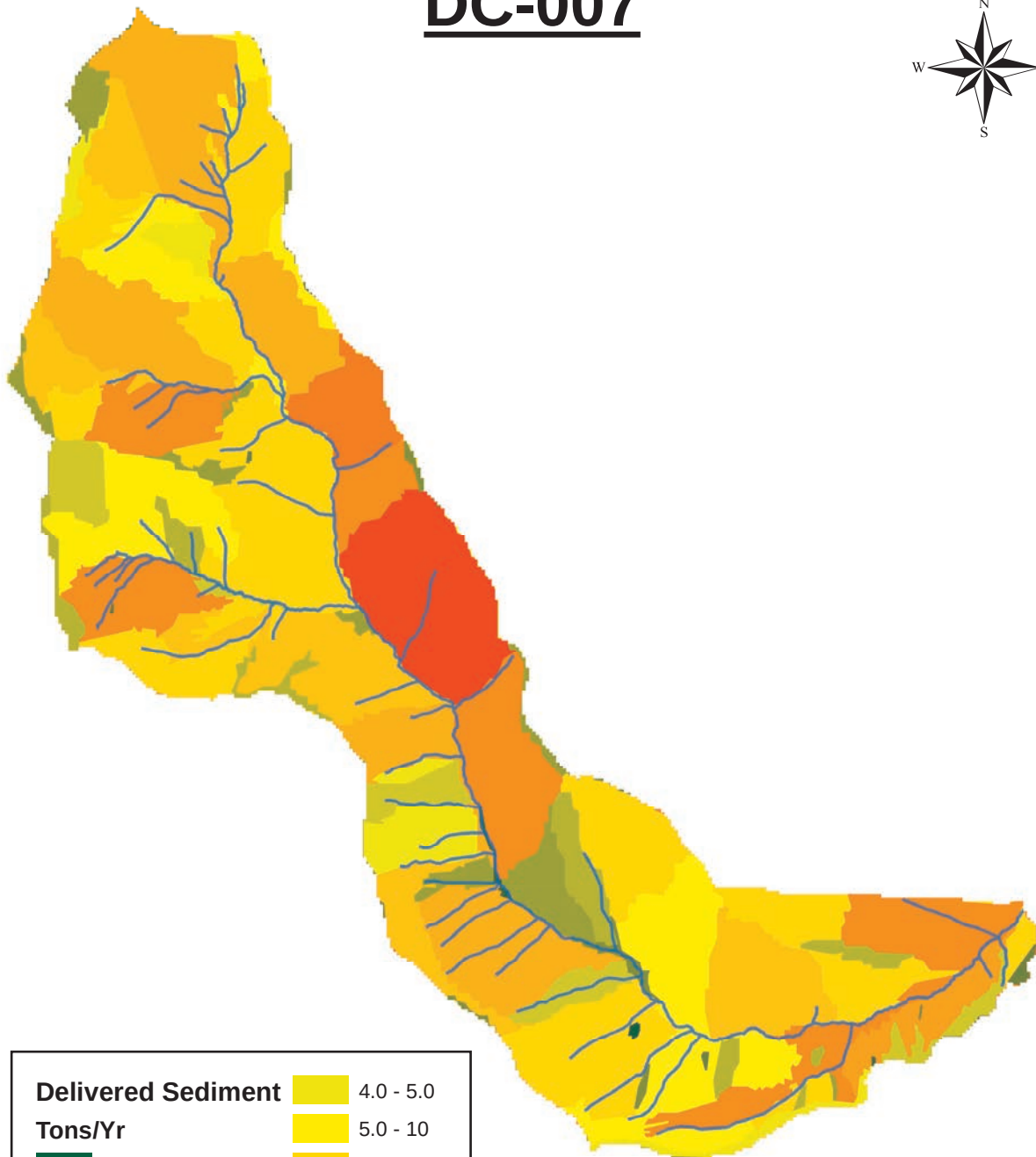
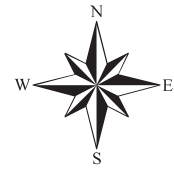




Douglas Creek, Sub-Watershed 007 (DC-007)

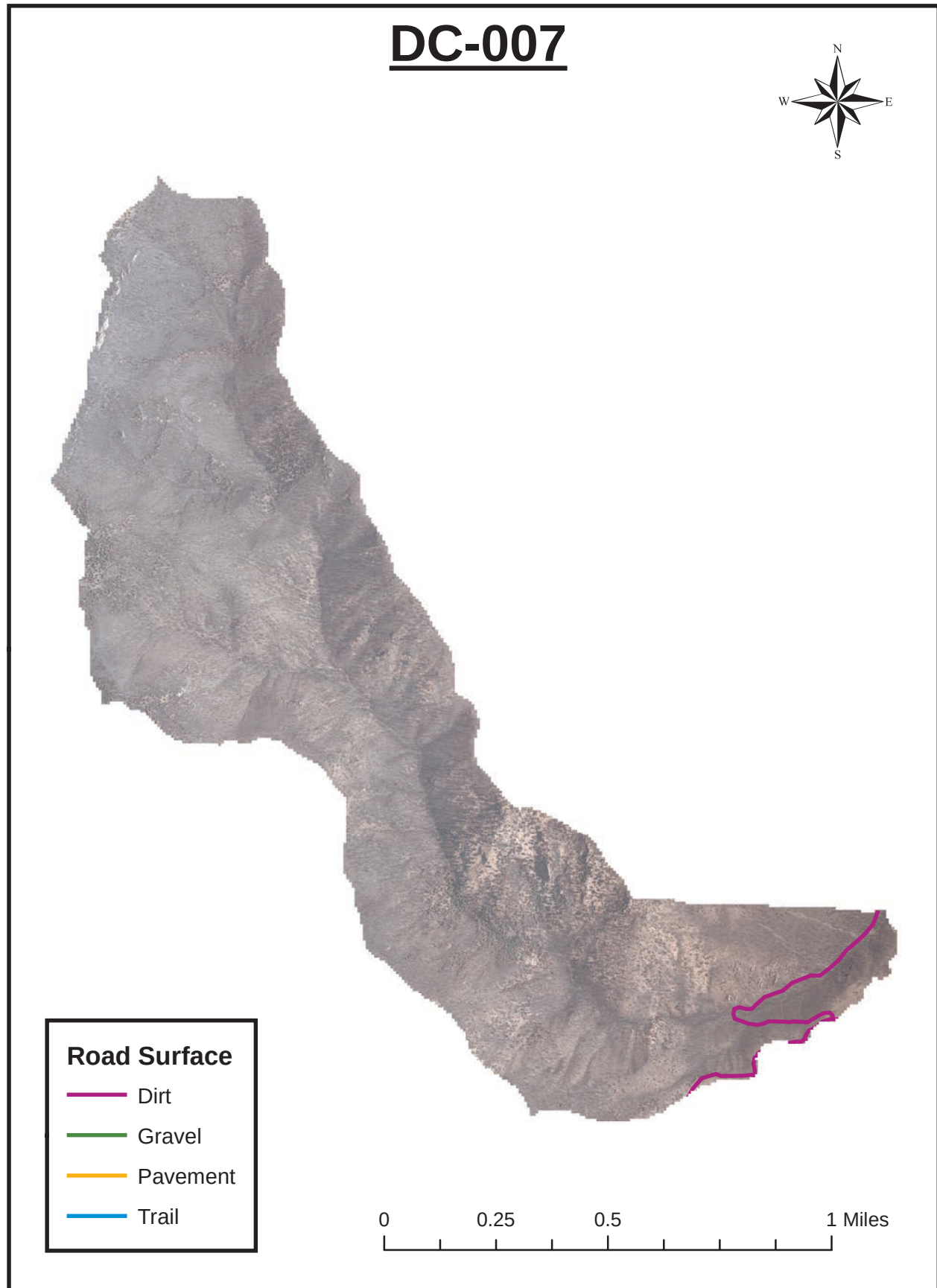
Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-007							
Watershed Characteristics	Drainage Area (mi ²)	0.17		High	Moderate	Low	Unburned				
				Burn Severity (%)	6.0%	80.0%	13.0%	1.0%			
	Drainage Density	62.08									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		64%	13%	4%	0%	12%	2%	0%	0%	2%	2%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	3%	27%	16%	54%	Total Erosion (tons/yr)	3,673				
	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%	4%	12%	1%	52%	16%	13%	3%	0%	
Hillslope Processes	Length of Road (ft)	5,304		Sediment from Surface Erosion (tons/yr)	1815.10						
	Total Sediment from Roads (tons/yr)	6.69		Introduced Sediment Roads & Hillslope (tons/yr)	1822						
Hydrology	Q _{BKF} (cfs)	1.4544		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			604	896	291					
	Flow-Related Sediment (tons/yr)			23	3,582	3,559					
Erosion Summary	Total Introduced Sediment (tons/yr)	5,495		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				3,673	7	1,815	-1,913				
	Total Flow Related Sediment (tons/yr)	3,582		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							

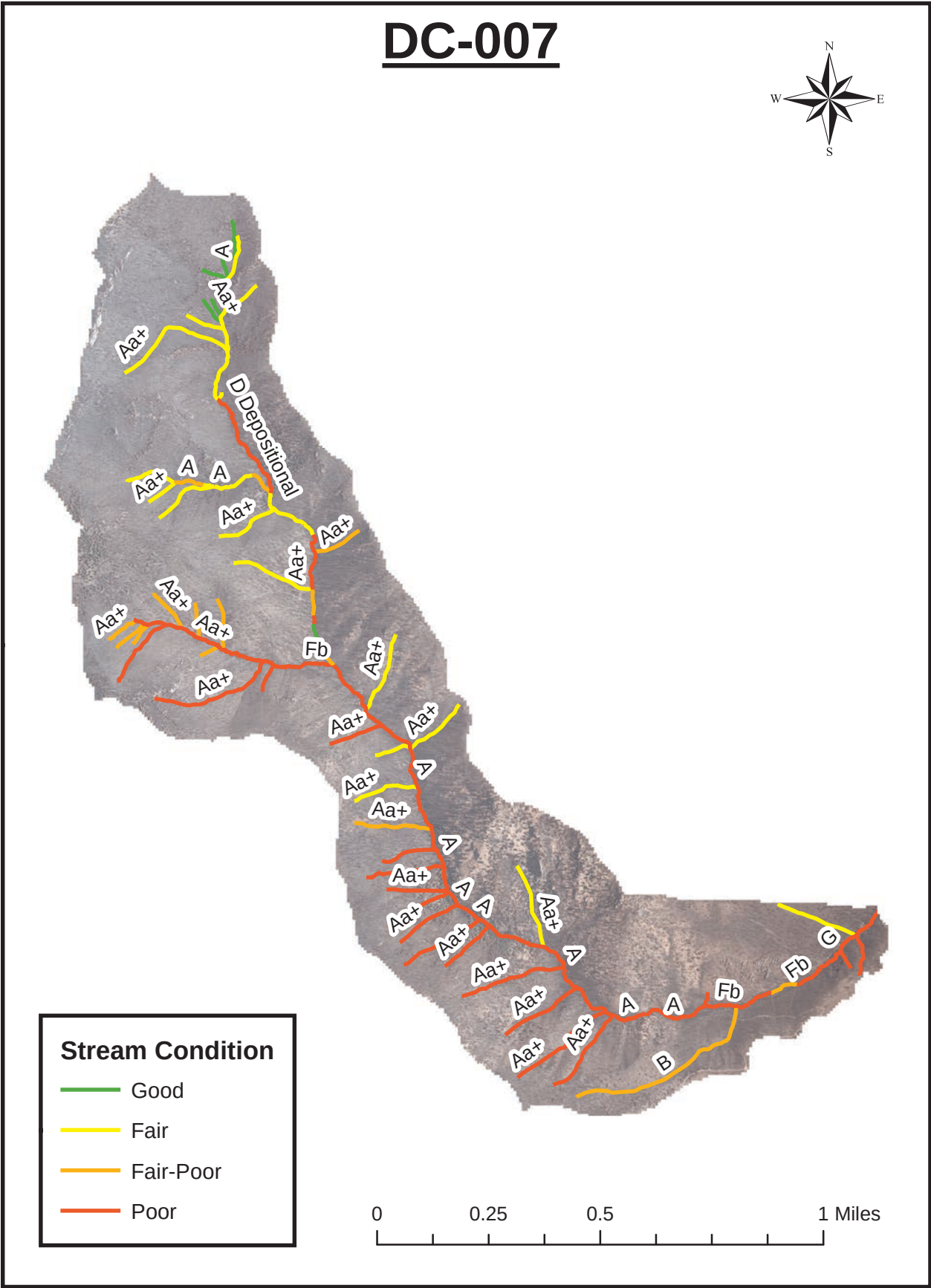
DC-007

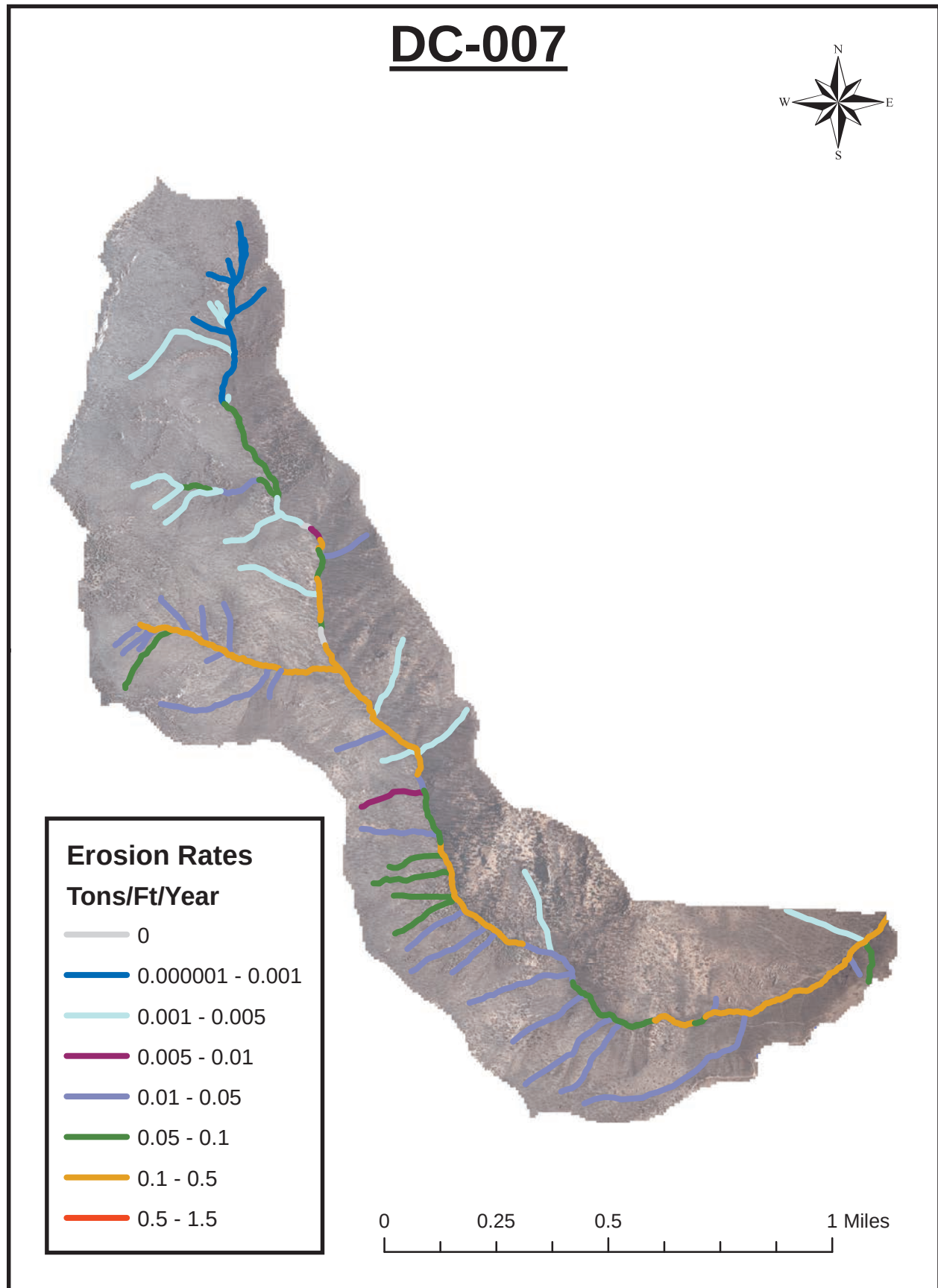


Delivered Sediment	
Tons/Yr	
0 - 0.01	4.0 - 5.0
0.01 - 0.05	5.0 - 10
0.05 - 0.1	10 - 20
0.1 - 0.5	20 - 30
0.5 - 1.0	30 - 40
1.0 - 2.0	40 - 50
2.0 - 3.0	50 - 100
3.0 - 4.0	100 - 150
	150 - 200
	200 - 250

0 0.1250.25 0.5 Miles



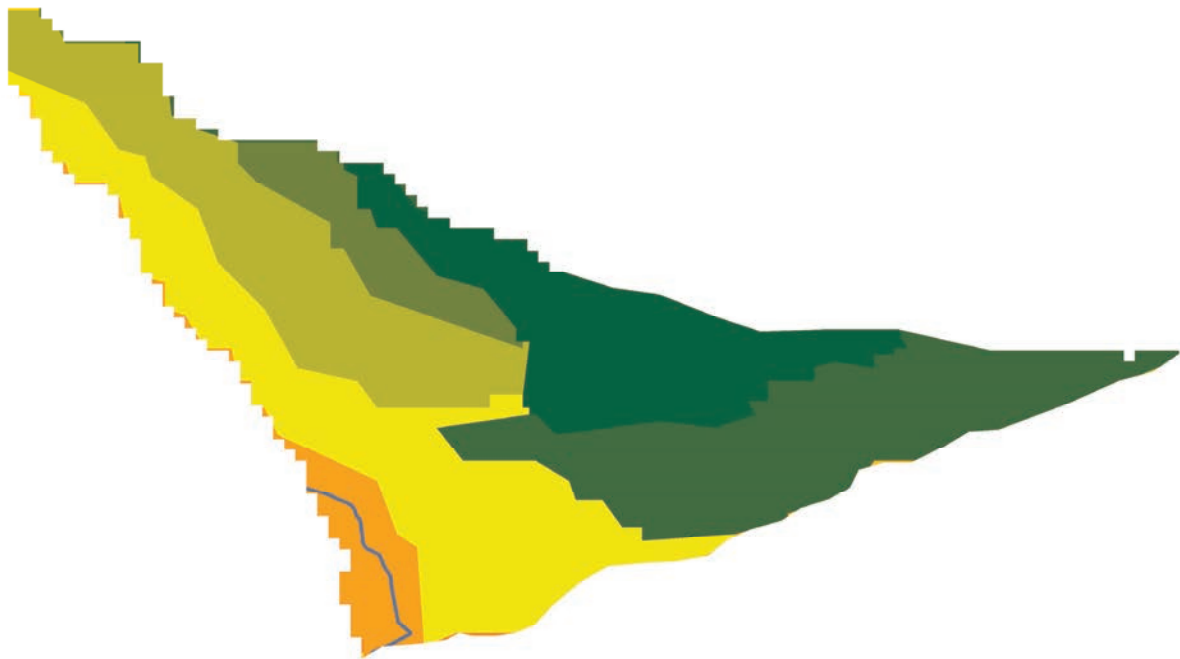
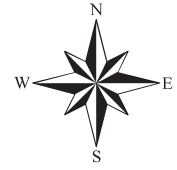




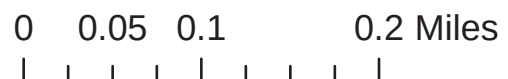
Douglas Creek, Sub-Watershed F08 (DC-F08)

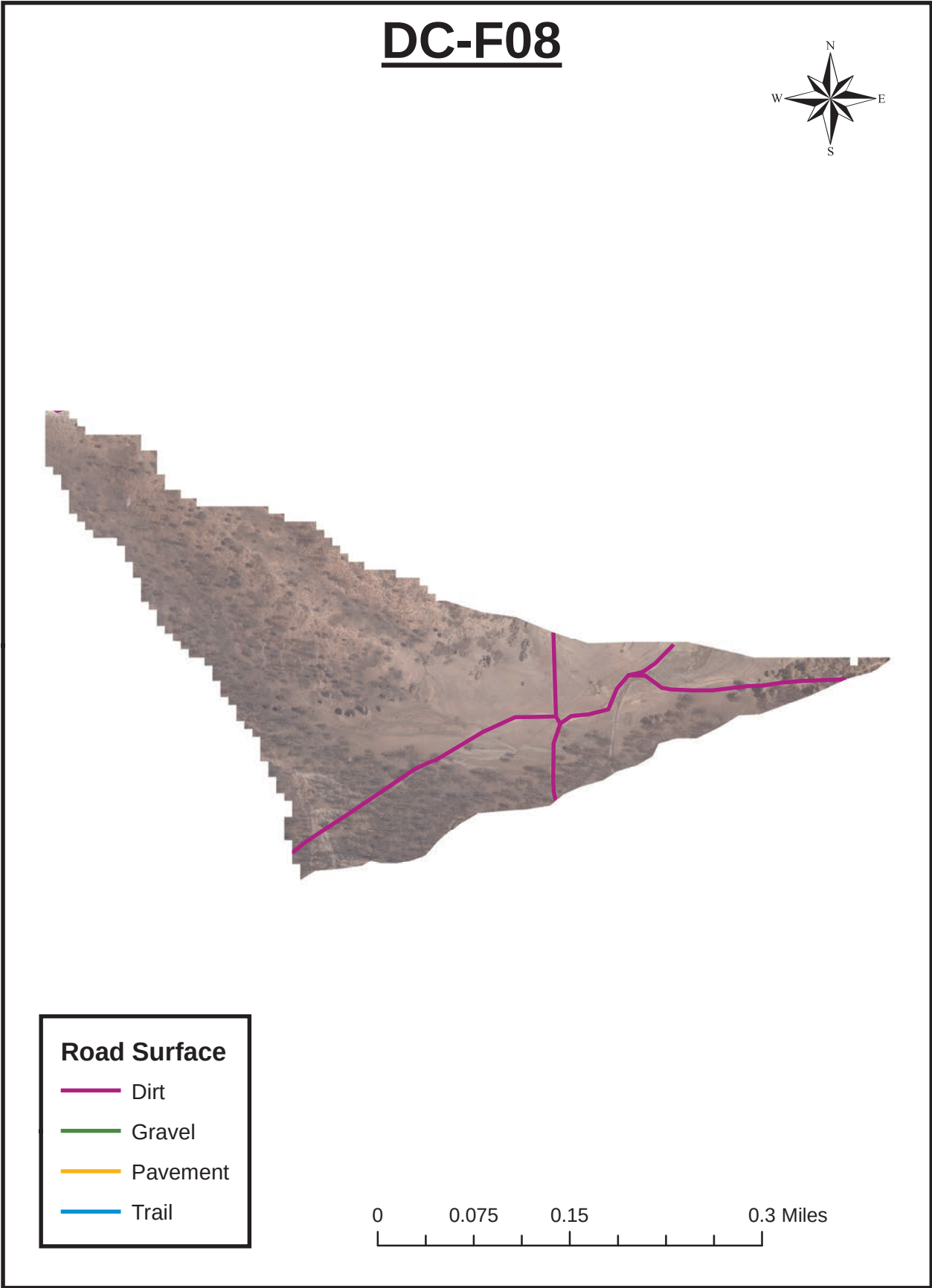
Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-F08								
Watershed Characteristics	Drainage Area (mi ²)	0.08		High	Moderate	Low	Unburned					
			Burn Severity (%)	3.0%	0.0%	40.0%	57.0%					
	Drainage Density	0.00										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)		3,478		Sediment from Surface Erosion (tons/yr)		7.62					
	Total Sediment from Roads (tons/yr)		0.00		Introduced Sediment Roads & Hillslope (tons/yr)		8					
Hydrology	Q _{BKF} (cfs)		0.8993		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		98		N/A	N/A						
	Flow-Related Sediment (tons/yr)		10		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)		8		Banks	Roads	Surface Erosion	Streambed				
	Total Flow Related Sediment (tons/yr)		N/A		Sediment (tons/yr)	0	0	8	N/A			
					Percent of Total Yield	N/A	N/A	N/A	N/A			
				☐ Degradation		☐ Aggradation						

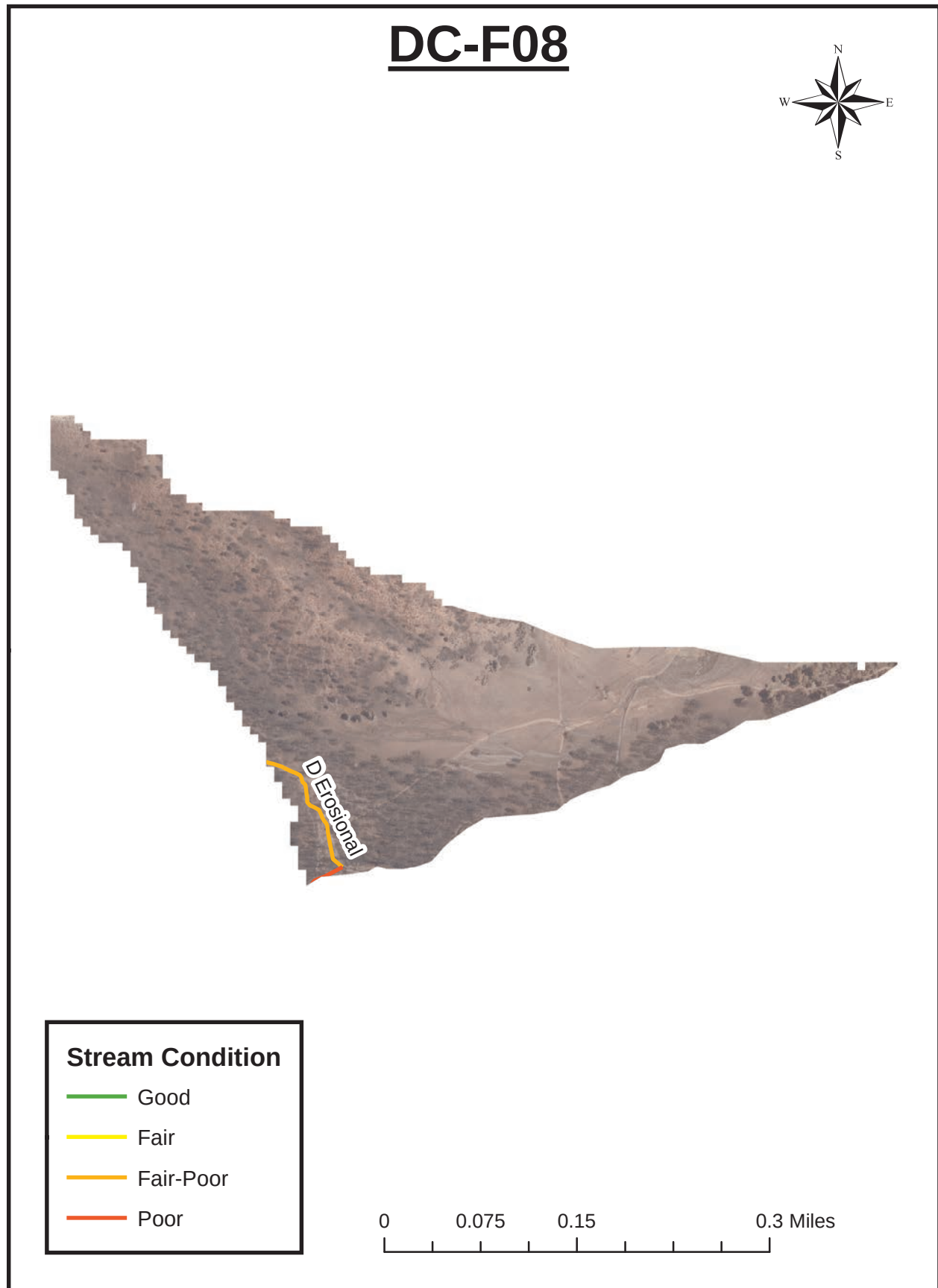
DC-F08

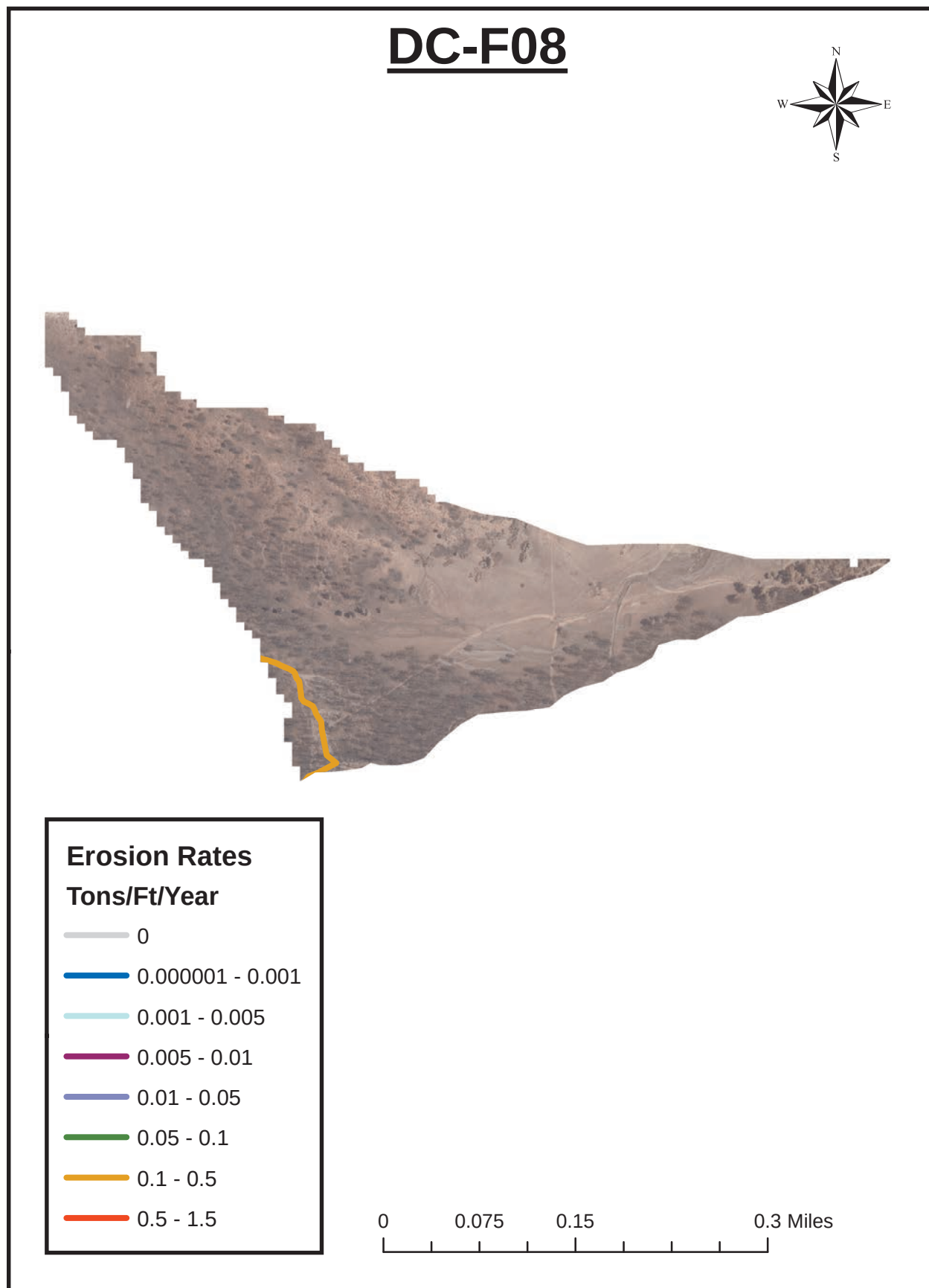


Delivered Sediment	
Tons/Yr	
	0 - 0.01
	0.01 - 0.05
	0.05 - 0.1
	0.1 - 0.5
	0.5 - 1.0
	1.0 - 2.0
	2.0 - 3.0
	3.0 - 4.0
	4.0 - 5.0
	5.0 - 10
	10 - 20
	20 - 30
	30 - 40
	40 - 50
	50 - 100
	100 - 150
	150 - 200
	200 - 250





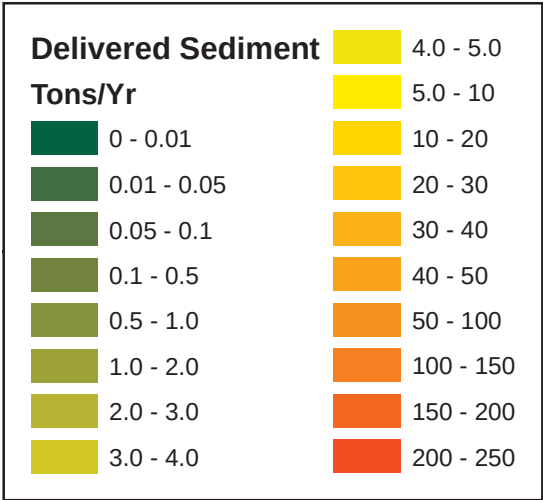
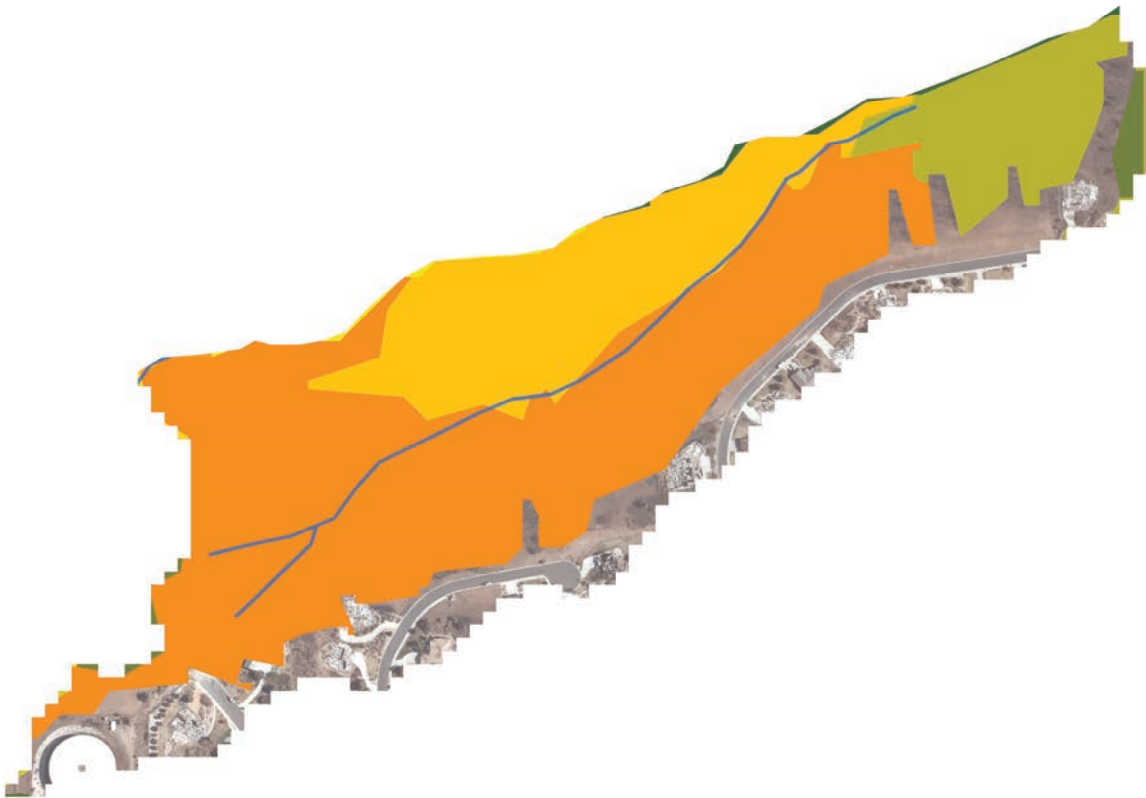
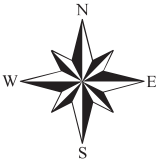


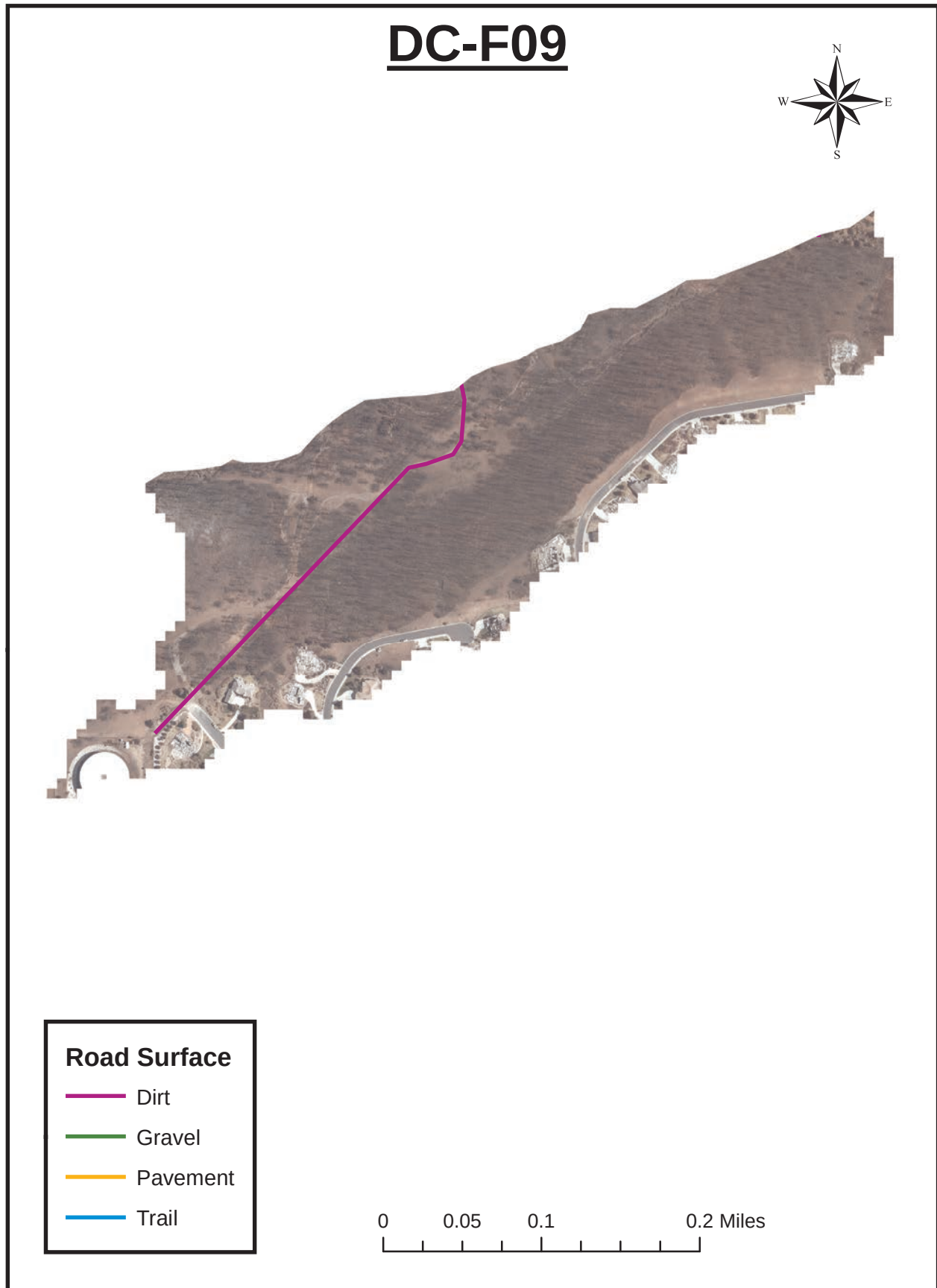


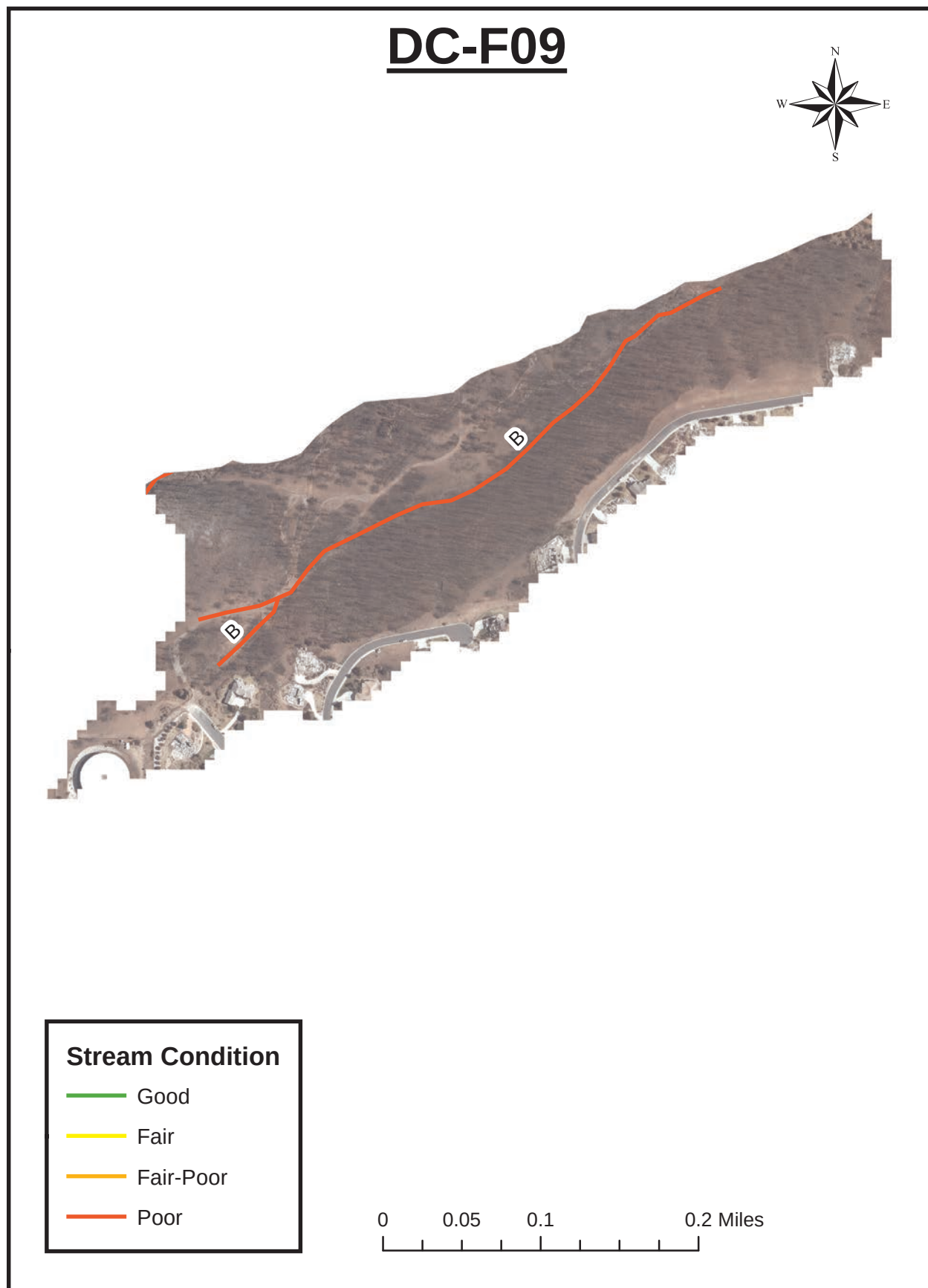
Douglas Creek, Sub-Watershed F09 (DC-F09)

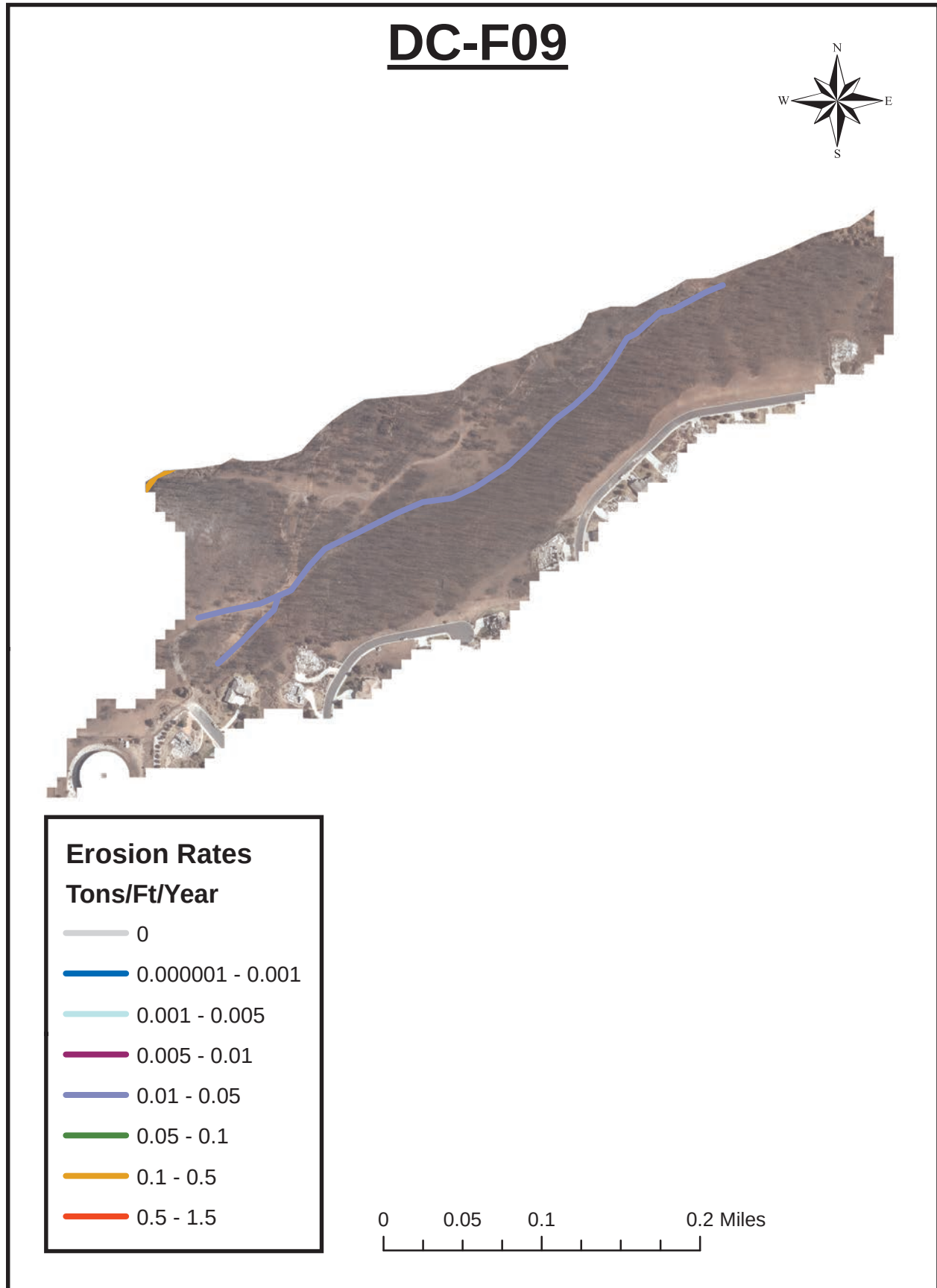
Watershed Summary		Stream: Douglas Creek		Sub-Watershed: DC-F09							
Watershed Characteristics	Drainage Area (mi ²)	0.07		High	Moderate	Low	Unburned				
				Burn Severity (%)	21.0%	55.0%	24.0%	0.0%			
	Drainage Density	6.86									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	100%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	100%	Total Erosion (tons/yr)	47				
	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%	0%	
Hillslope Processes	Length of Road (ft)	1,622		Sediment from Surface Erosion (tons/yr)	125.74						
	Total Sediment from Roads (tons/yr)	3.05		Introduced Sediment Roads & Hillslope (tons/yr)	129						
Hydrology		Q _{BKF} (cfs)	0.7974	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	87		87	0						
	Flow-Related Sediment (tons/yr)	9		328	319						
Erosion Summary	Total Introduced Sediment (tons/yr)	175		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				47	3	126	153				
	Total Flow Related Sediment (tons/yr)	328		Percent of Total Yield	14%	1%	38%	47%			
		☒ Degradation		☐ Aggradation							

DC-F09









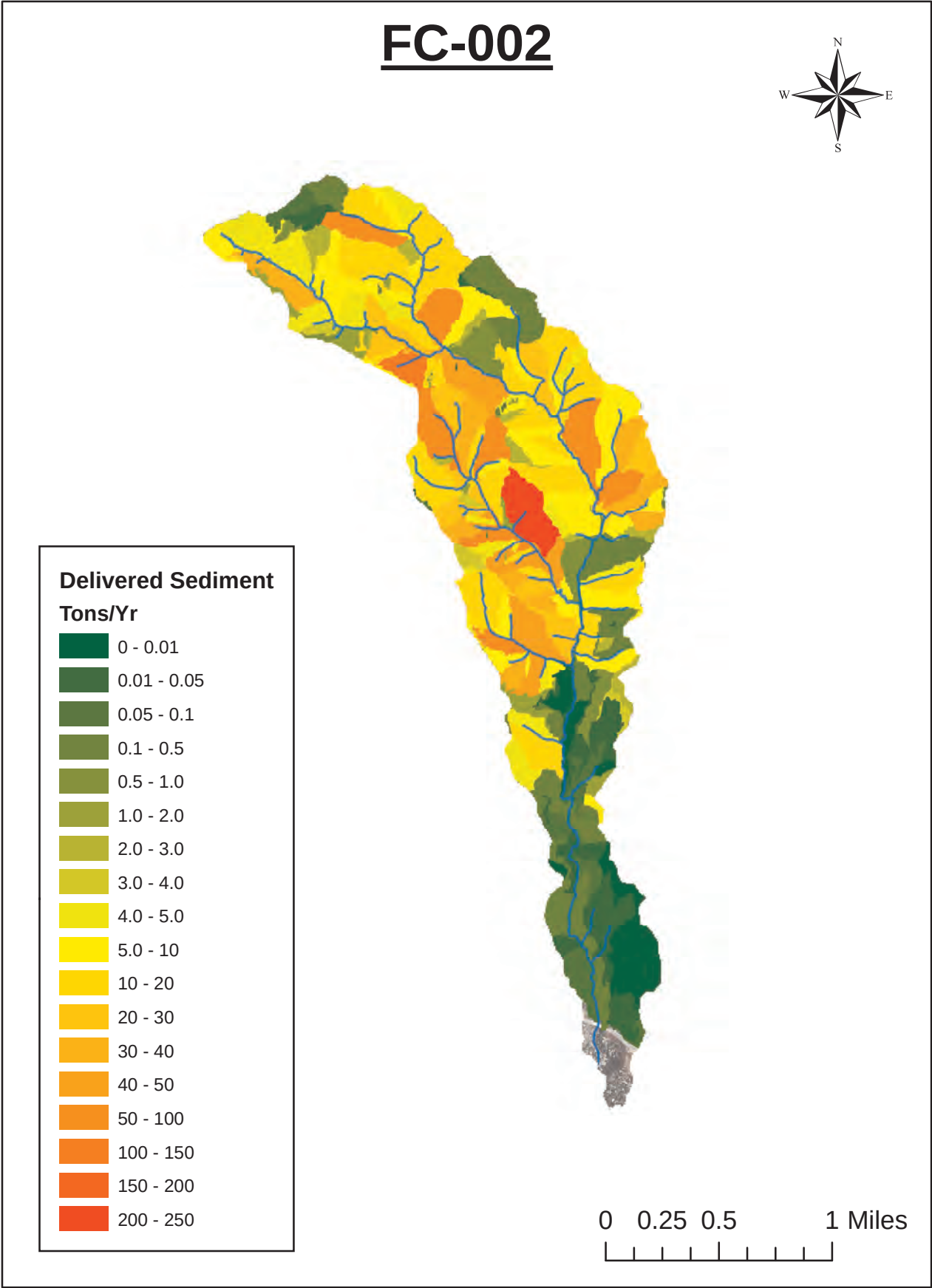
Watershed Summaries: Fountain Creek

Fountain Creek Watershed Summary

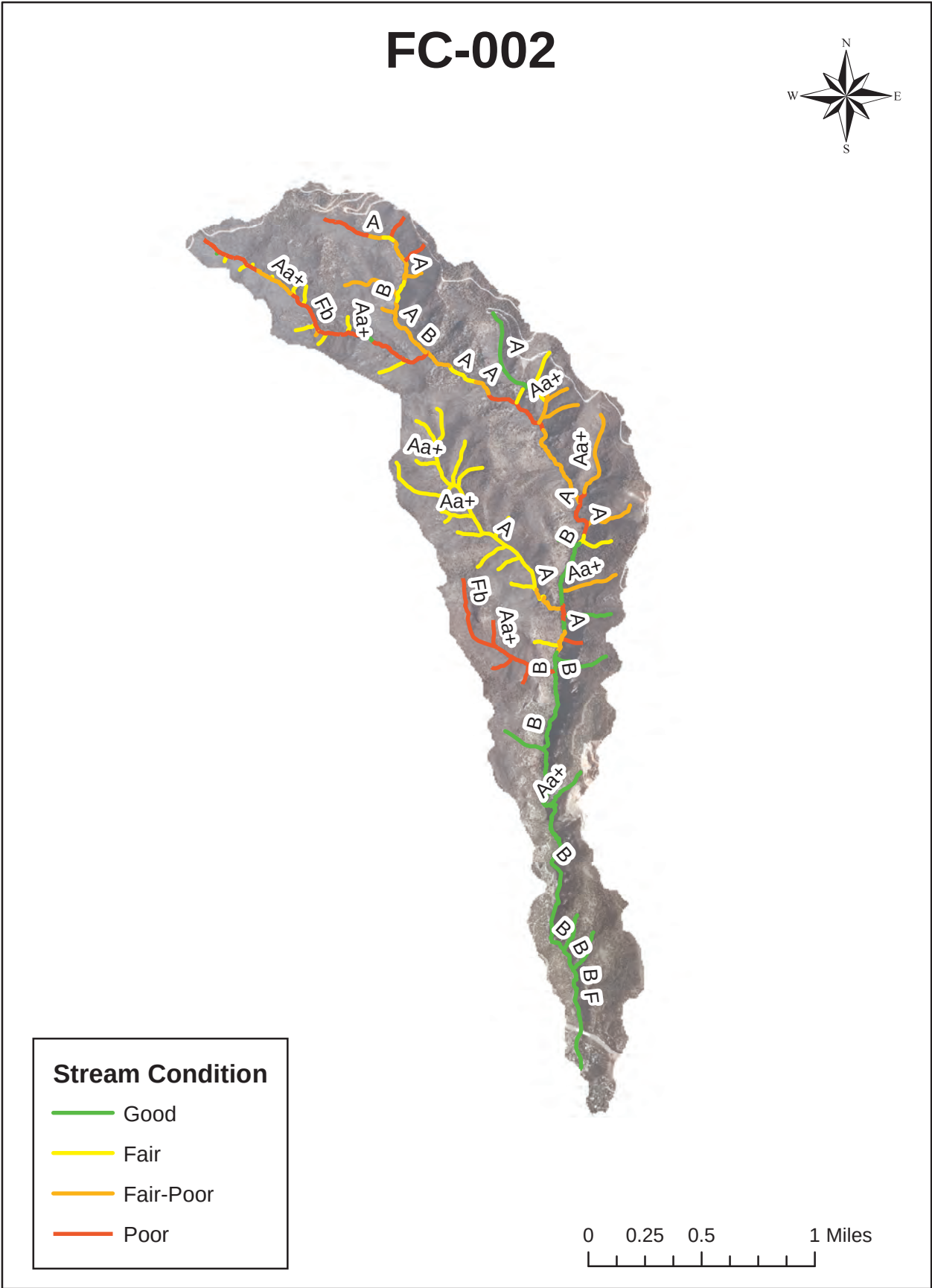
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: Fountain Creek							
Watershed Characteristics	Drainage Area (mi ²)	15.86		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	0.0%				
	Drainage Density	4.65									
			Aa+	A	B	C	D	Da+	E	F	Fb
	Stream Types (%)	50%	27%	7%	0%	9%	5%	0%	0%	2%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	34%	20%	19%	27%	Total Erosion (tons/yr)	11,318				
		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%	5%	24%	7%	46%	7%	3%	0%	0%	
Hillslope Processes	Length of Road (ft)	310,374		Sediment from Surface Erosion (tons/yr)	7303.22						
	Total Sediment from Roads (tons/yr)	619.38		Introduced Sediment Roads & Hillslope (tons/yr)	7923						
Hydrology		Q _{BKF} (cfs)	29.055	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			2,829	5,183	2,353					
	Flow-Related Sediment (tons/yr)			109	25,075	24,966					
Erosion Summary	Total Introduced Sediment (tons/yr)	19,241		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					11,318	619	7,303	5,834			
	Total Flow Related Sediment (tons/yr)	25,075		Percent of Total Yield	45%	2%	29%	23%			
				☒ Degradation	☐ Aggradation						

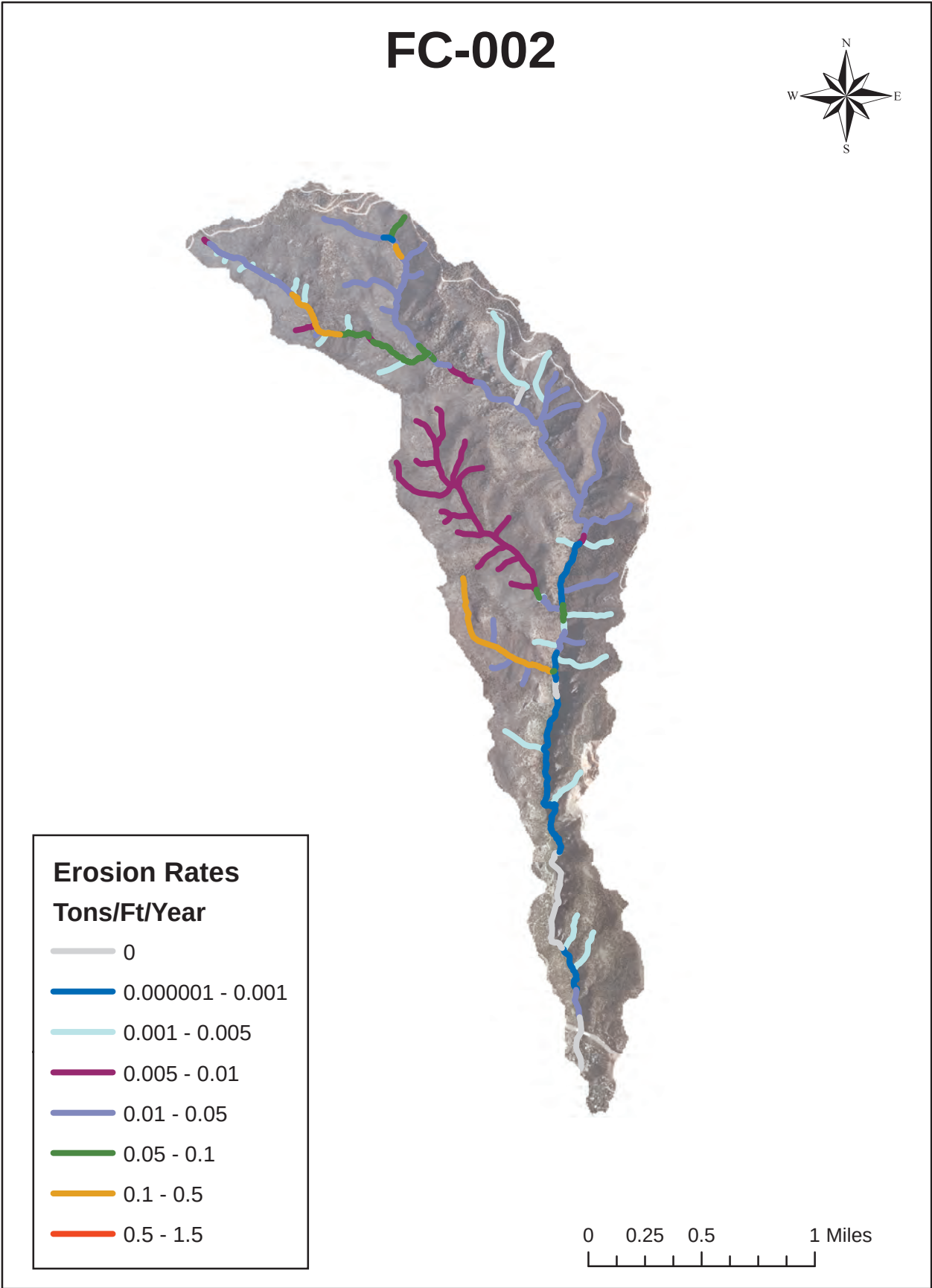
Fountain Creek, Sub-Watershed 002 (FC-002)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-002							
Watershed Characteristics	Drainage Area (mi ²)	2.69		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	0.0%	0.0%			
	Drainage Density	5.85									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		52%	21%	16%	0%	3%	1%	0%	1%	6%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	28%	28%	23%	21%	Total Erosion (tons/yr)	2,388				
	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	5%	10%	1%	12%	63%	4%	4%	0%	0%	
Hillslope Processes	Length of Road (ft)	48,080		Sediment from Surface Erosion (tons/yr)	2709.53						
	Total Sediment from Roads (tons/yr)	13.72		Introduced Sediment Roads & Hillslope (tons/yr)	2723						
Hydrology		Q _{BKF} (cfs)	9.0278	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	980		1,556	577						
	Flow-Related Sediment (tons/yr)	32		6,514	6,482						
Erosion Summary	Total Introduced Sediment (tons/yr)	5,112		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				2,388	14	2,710	1,402				
	Total Flow Related Sediment (tons/yr)	6,514		Percent of Total Yield	37%	0%	42%	22%			
☒ Degradation ☐ Aggradation											



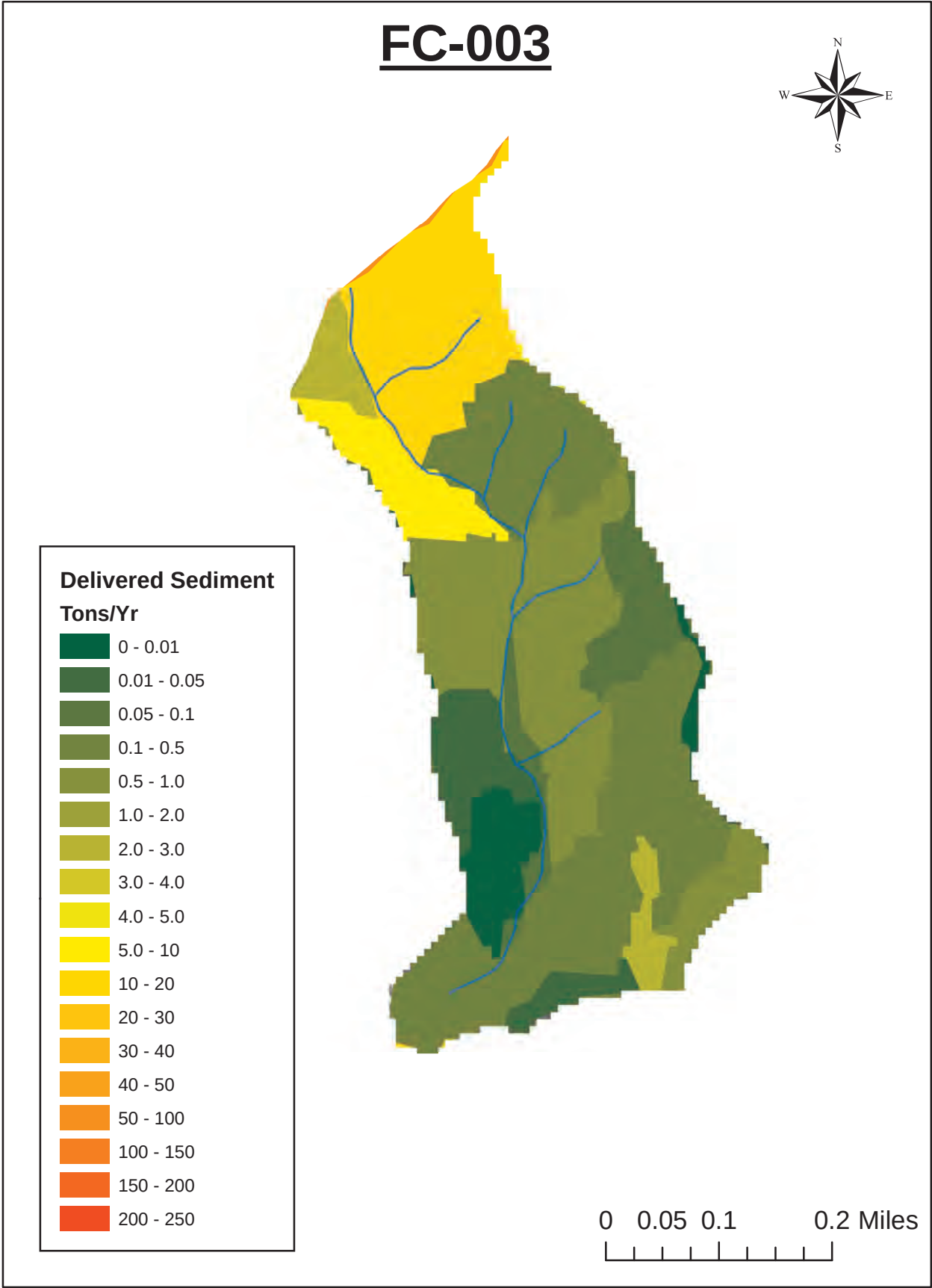


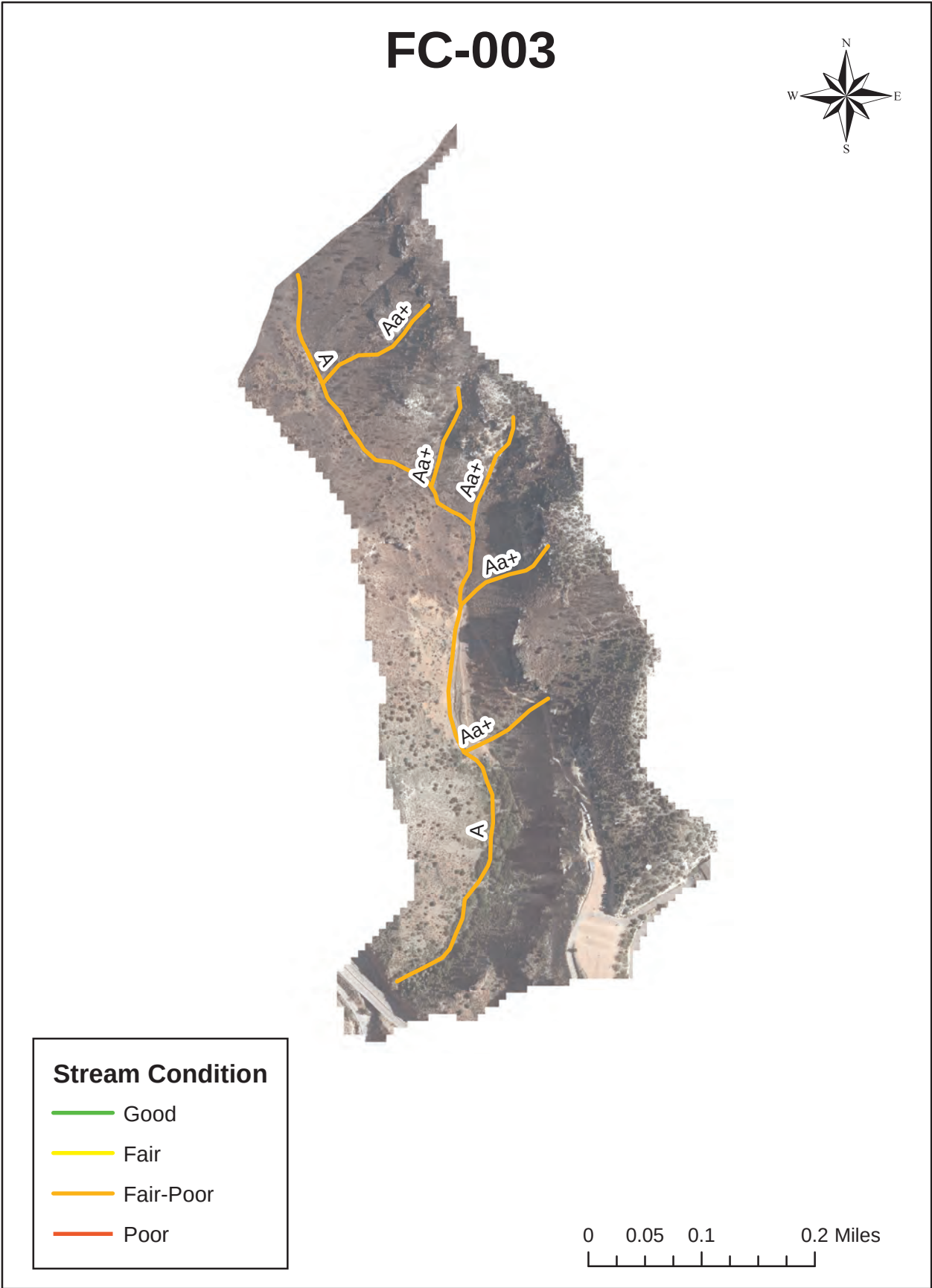


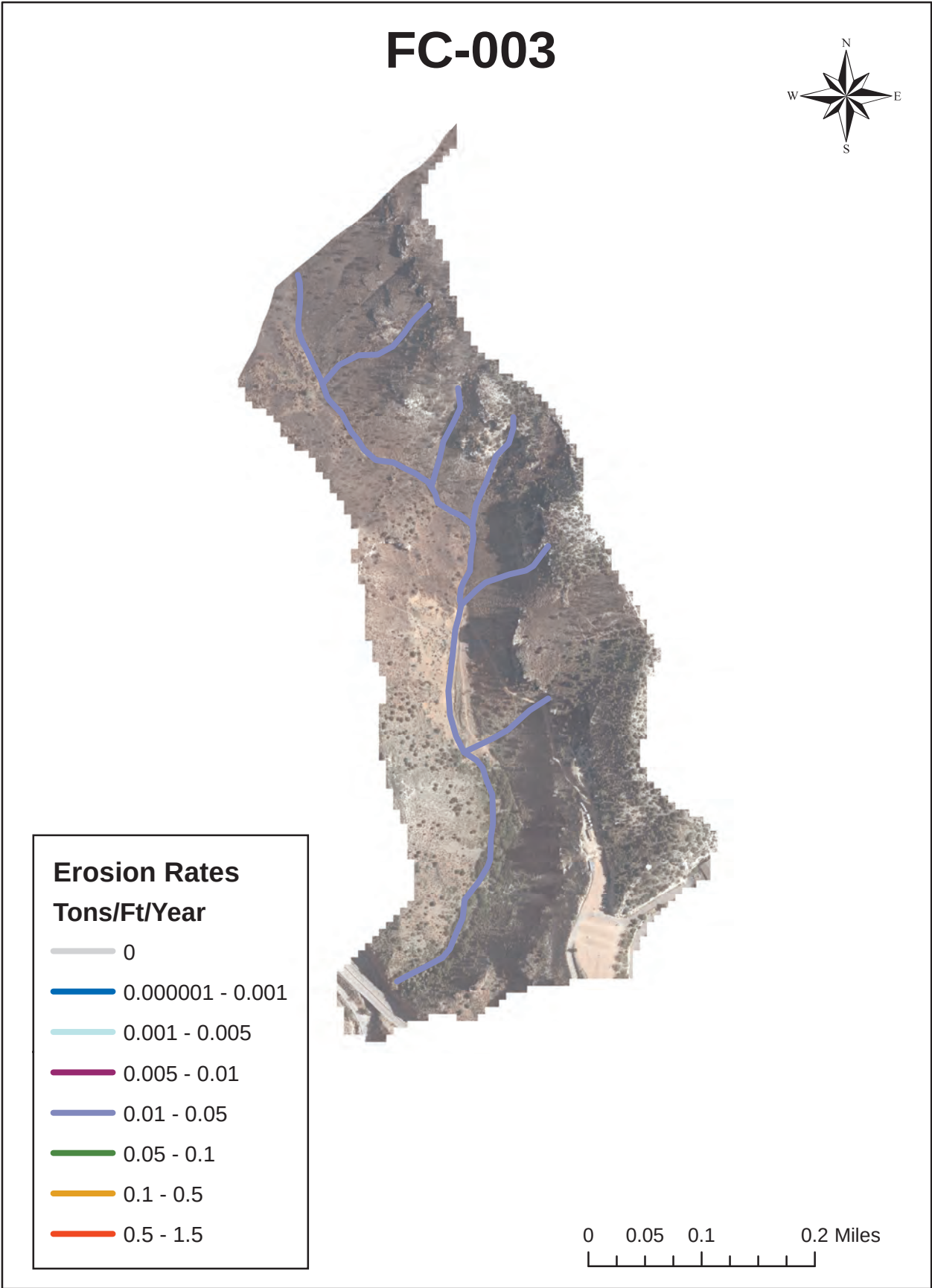


Fountain Creek, Sub-Watershed 003 (FC-003)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-003							
Watershed Characteristics	Drainage Area (mi ²)	0.16		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	0.0%	0.0%			
	Drainage Density	7.95									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		40%	60%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	100%	0%	Total Erosion (tons/yr)	82				
	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%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	32.32						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	32						
Hydrology	Q _{BKF} (cfs)	1.3924	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		151	158	7						
	Flow-Related Sediment (tons/yr)		12	574	563						
Erosion Summary	Total Introduced Sediment (tons/yr)	114	Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
			82	0	32	460					
	Total Flow Related Sediment (tons/yr)	574	Percent of Total Yield	14%	0%	6%	80%				
		☒ Degradation		☐ Aggradation							

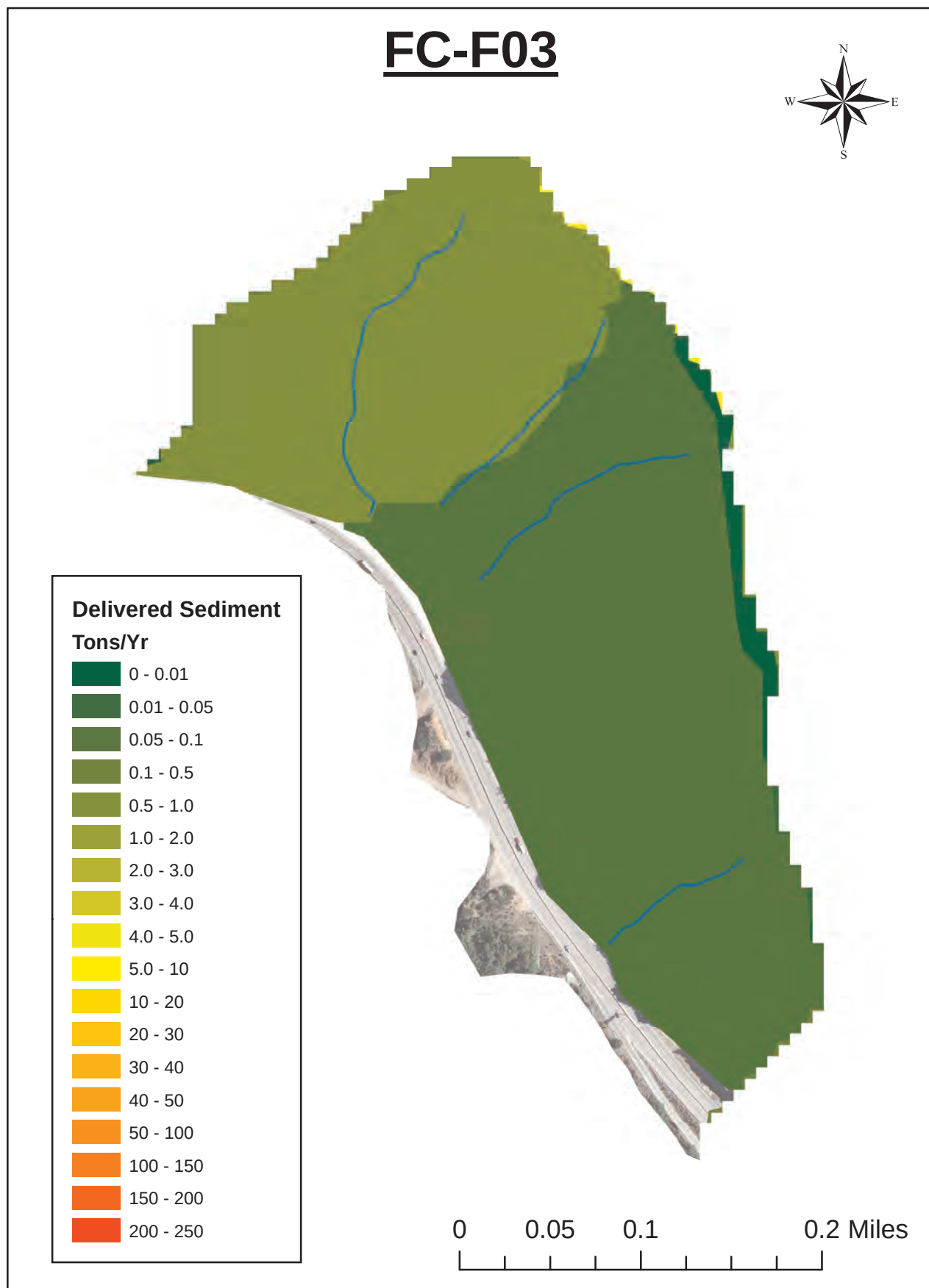


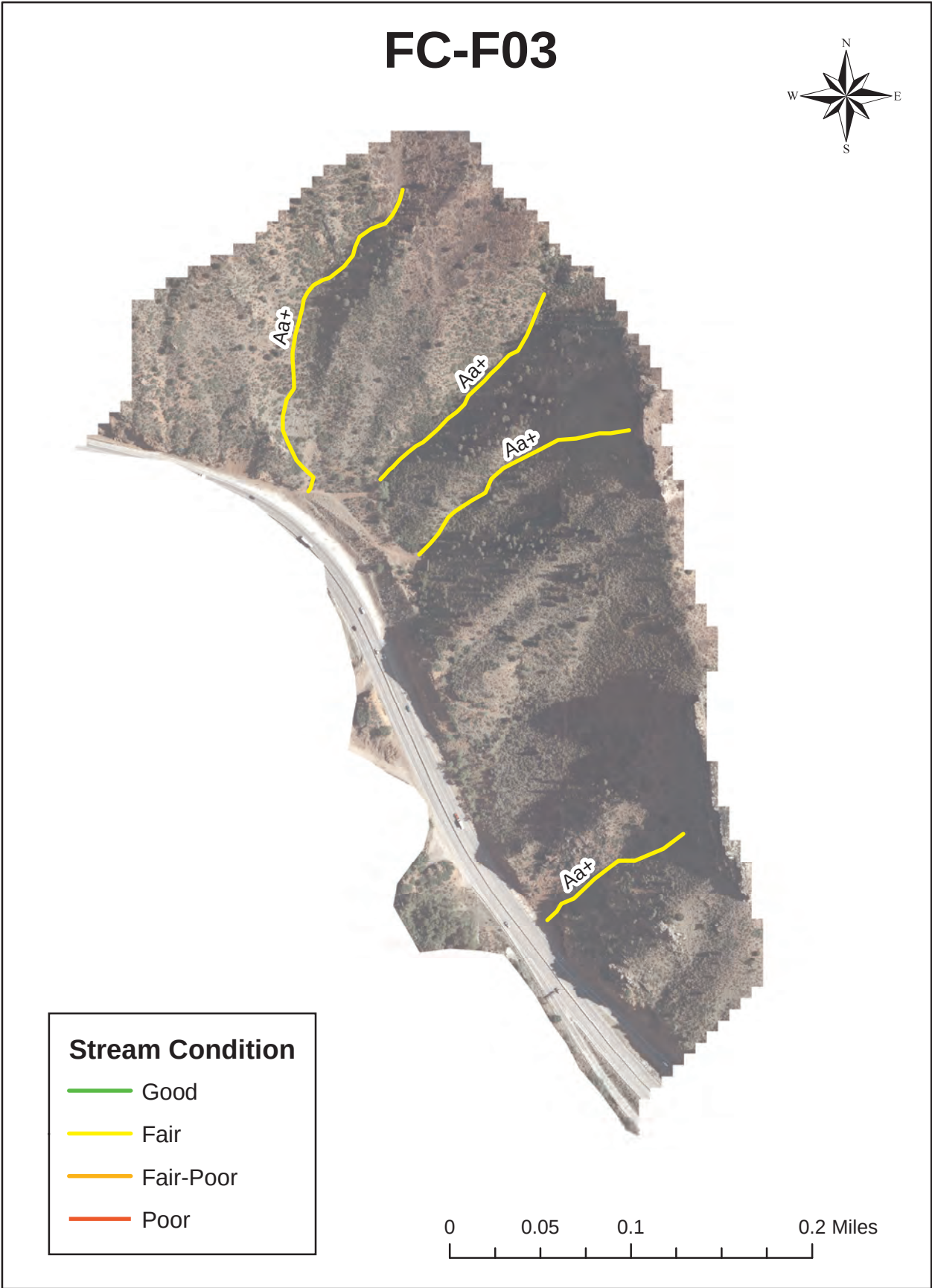


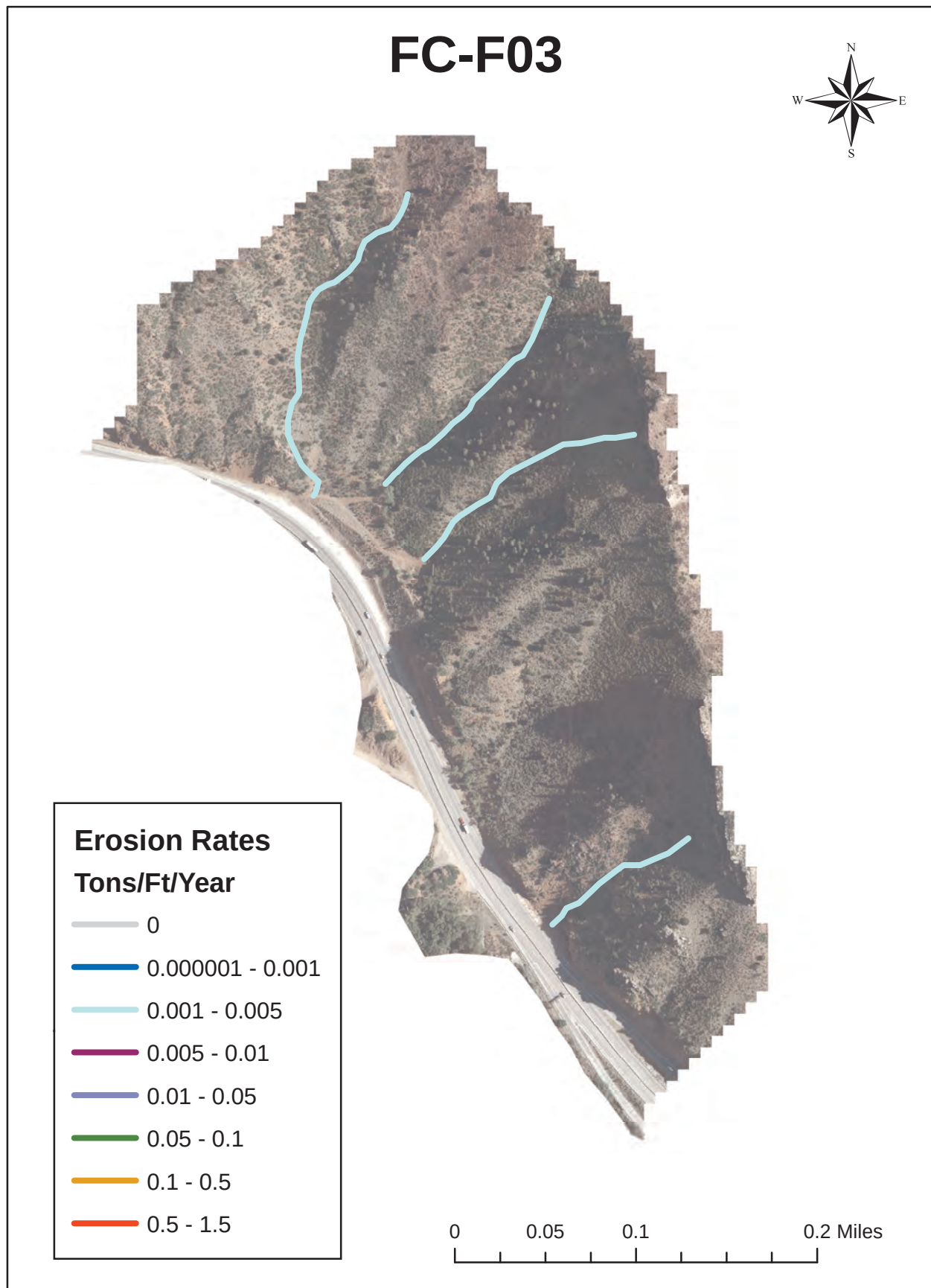


Fountain Creek, Sub-Watershed F03 (FC-F03)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F03							
Watershed Characteristics	Drainage Area (mi ²)	0.10		High	Moderate	Low	Unburned				
				Burn Severity (%)	4.3%	28.6%	27.2%	40.1%			
	Drainage Density	5.67									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	0.96						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	1						
Hydrology	Q _{BKF} (cfs)	1.0409		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			113	114	1					
	Flow-Related Sediment (tons/yr)			10	215	205					
Erosion Summary	Total Introduced Sediment (tons/yr)	8		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				7	0	1	207				
	Total Flow Related Sediment (tons/yr)	215		Percent of Total Yield	3%	0%	0%	96%			
☒ Degradation ☐ Aggradation											



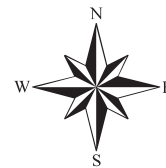




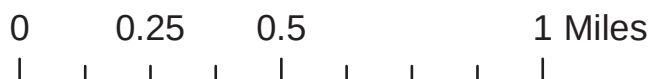
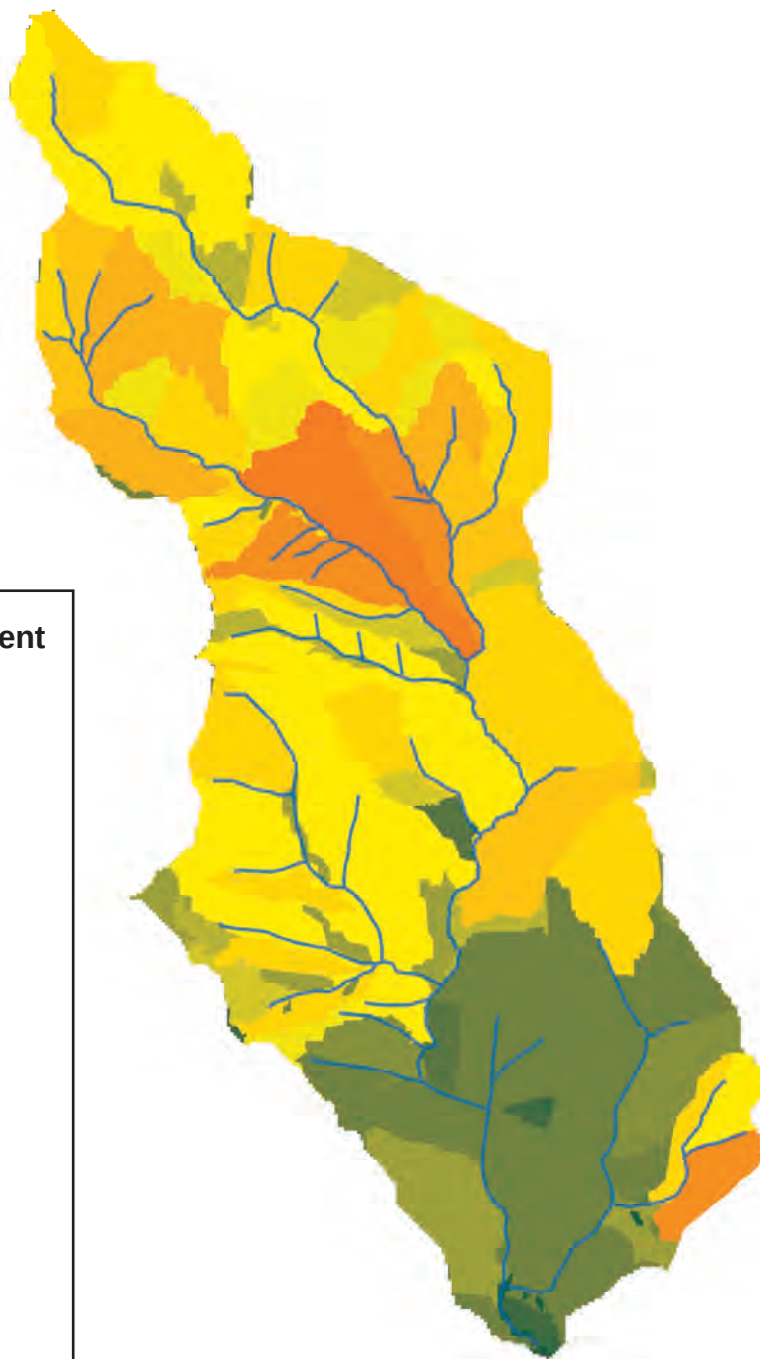
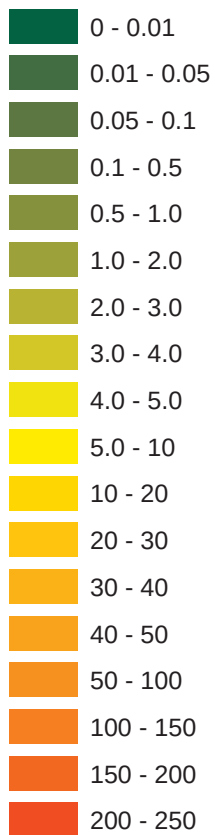
Fountain Creek, Sub-Watershed 004 (FC-004)

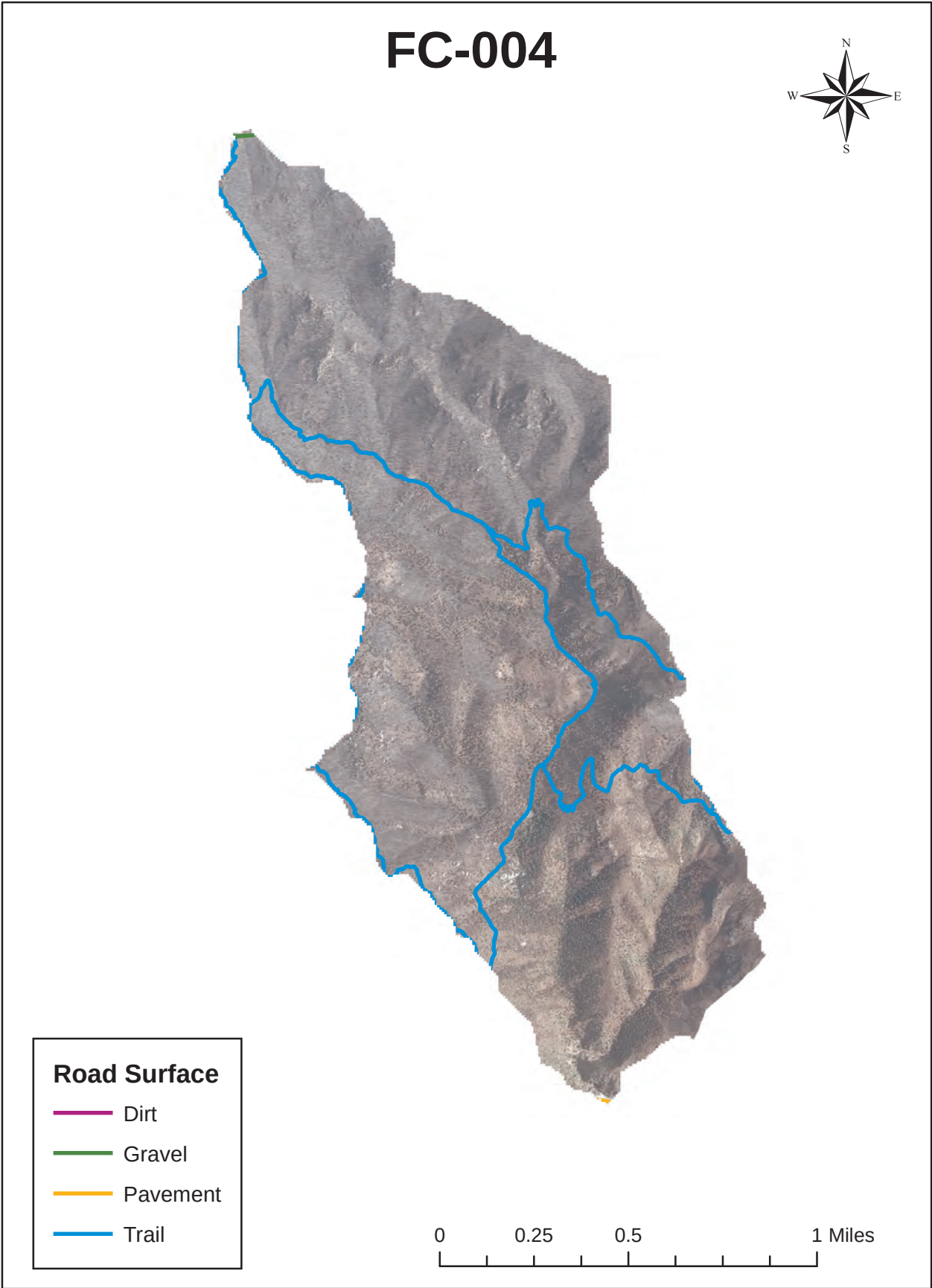
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-004							
Watershed Characteristics	Drainage Area (mi ²)	1.76		High	Moderate	Low	Unburned				
				Burn Severity (%)	14.0%	46.0%	18.0%	23.0%			
	Drainage Density	6.74									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		61%	25%	3%	0%	5%	4%	0%	0%	2%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	16%	34%	22%	29%	Total Erosion (tons/yr)	1,550				
	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%	13%	16%	64%	4%	2%	0%	0%	
Hillslope Processes	Length of Road (ft)	35,020		Sediment from Surface Erosion (tons/yr)		1201.70					
	Total Sediment from Roads (tons/yr)	0.65		Introduced Sediment Roads & Hillslope (tons/yr)		1202					
Hydrology		Q _{BKF} (cfs)	6.8179	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			740	1,250	511					
	Flow-Related Sediment (tons/yr)			26	5,721	5,694					
Erosion Summary	Total Introduced Sediment (tons/yr)	2,752		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	1,550	1	1,202	2,968			
	Total Flow Related Sediment (tons/yr)	5,721		Percent of Total Yield	27%	0%	21%	52%			
☒ Degradation ☐ Aggradation											

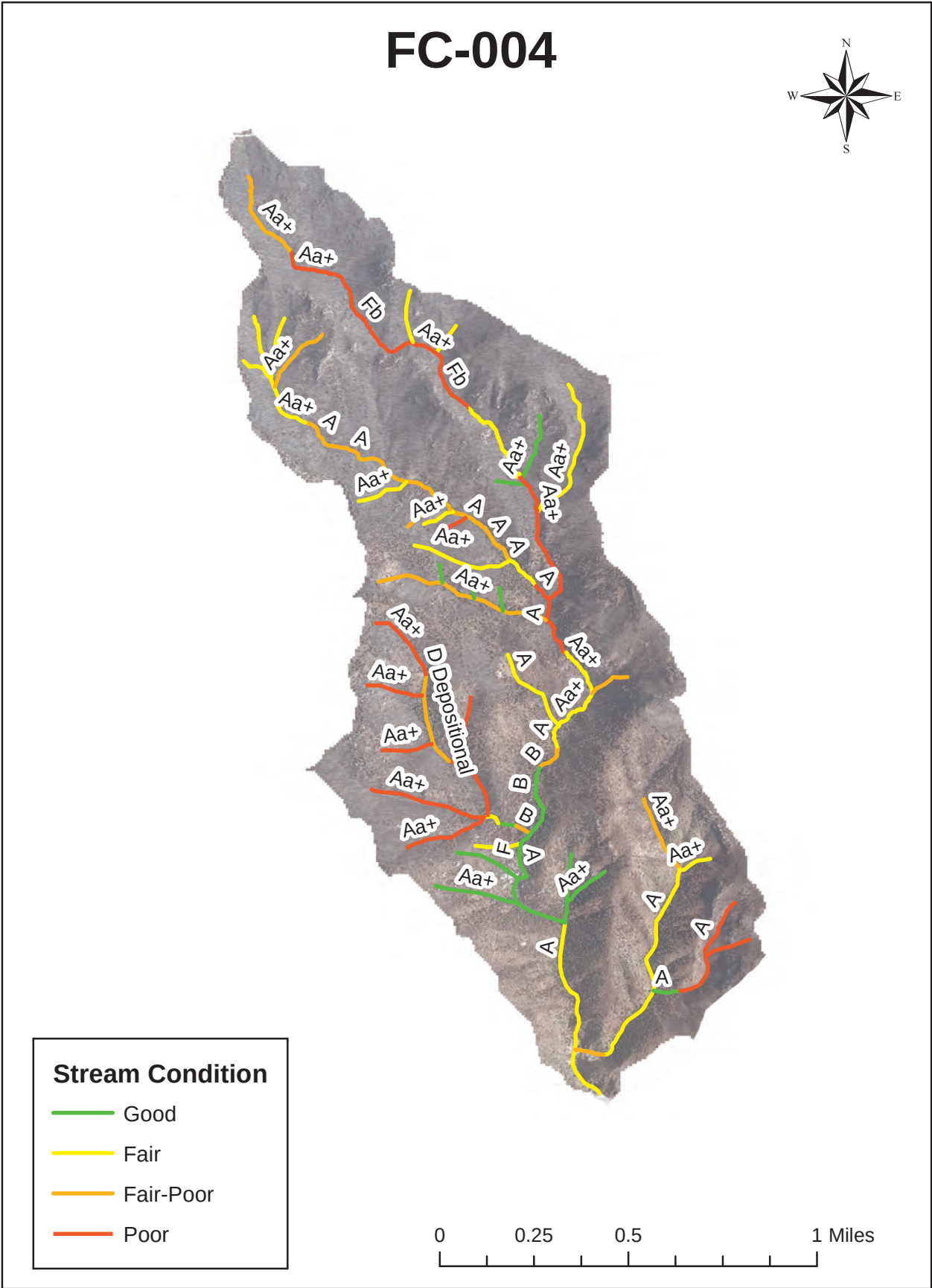
FC-004

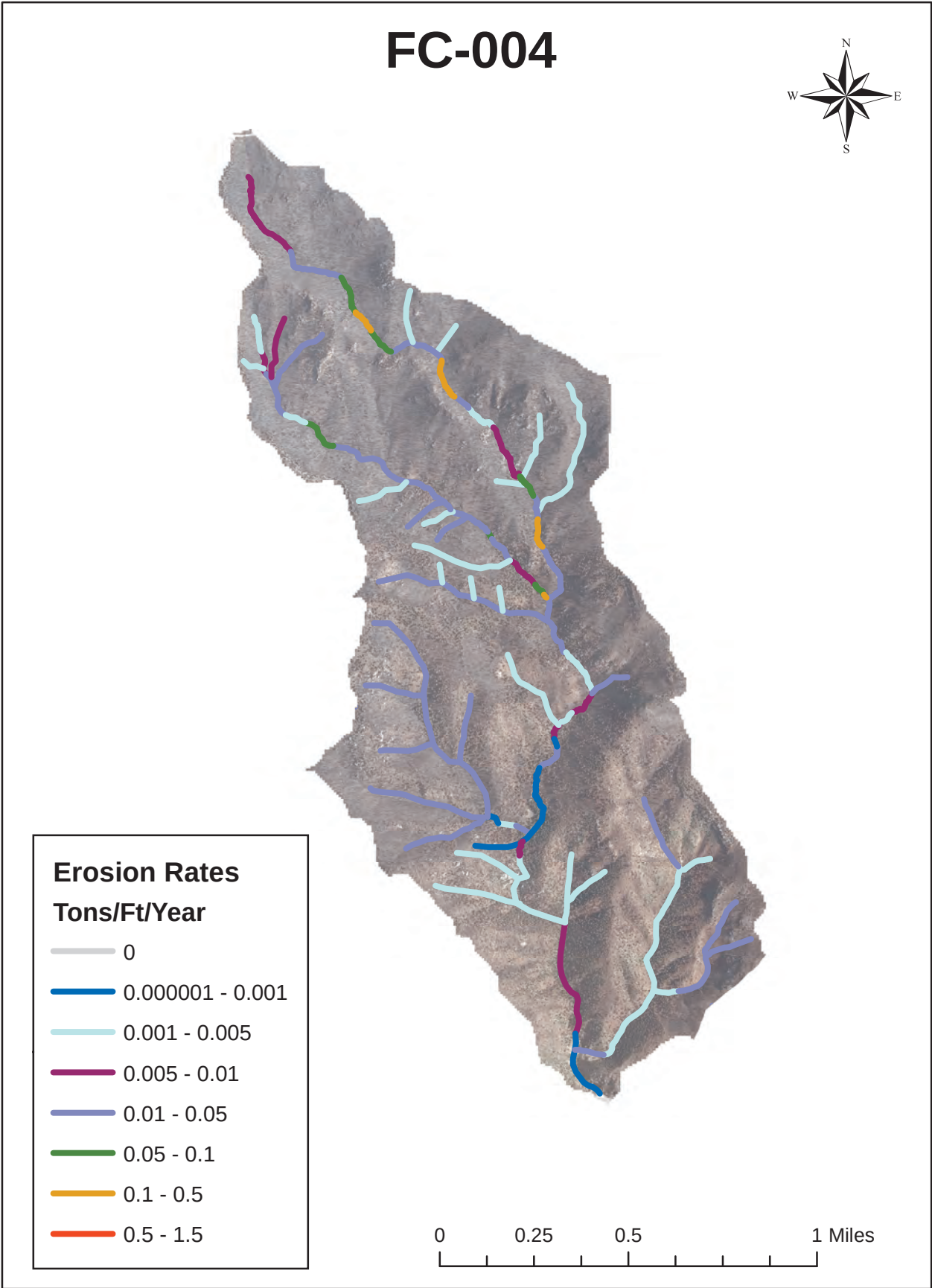


Delivered Sediment Tons/Yr





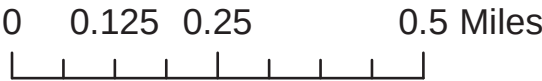
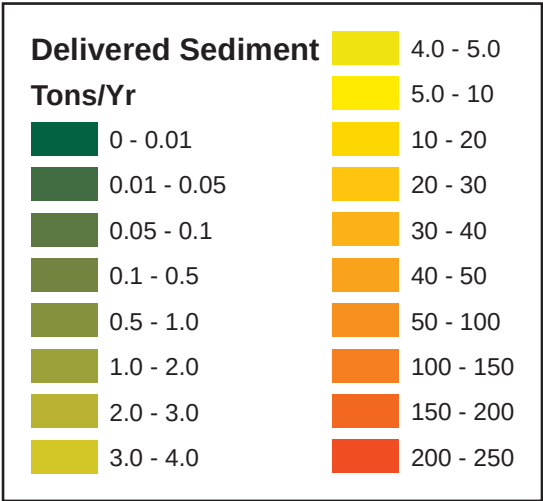
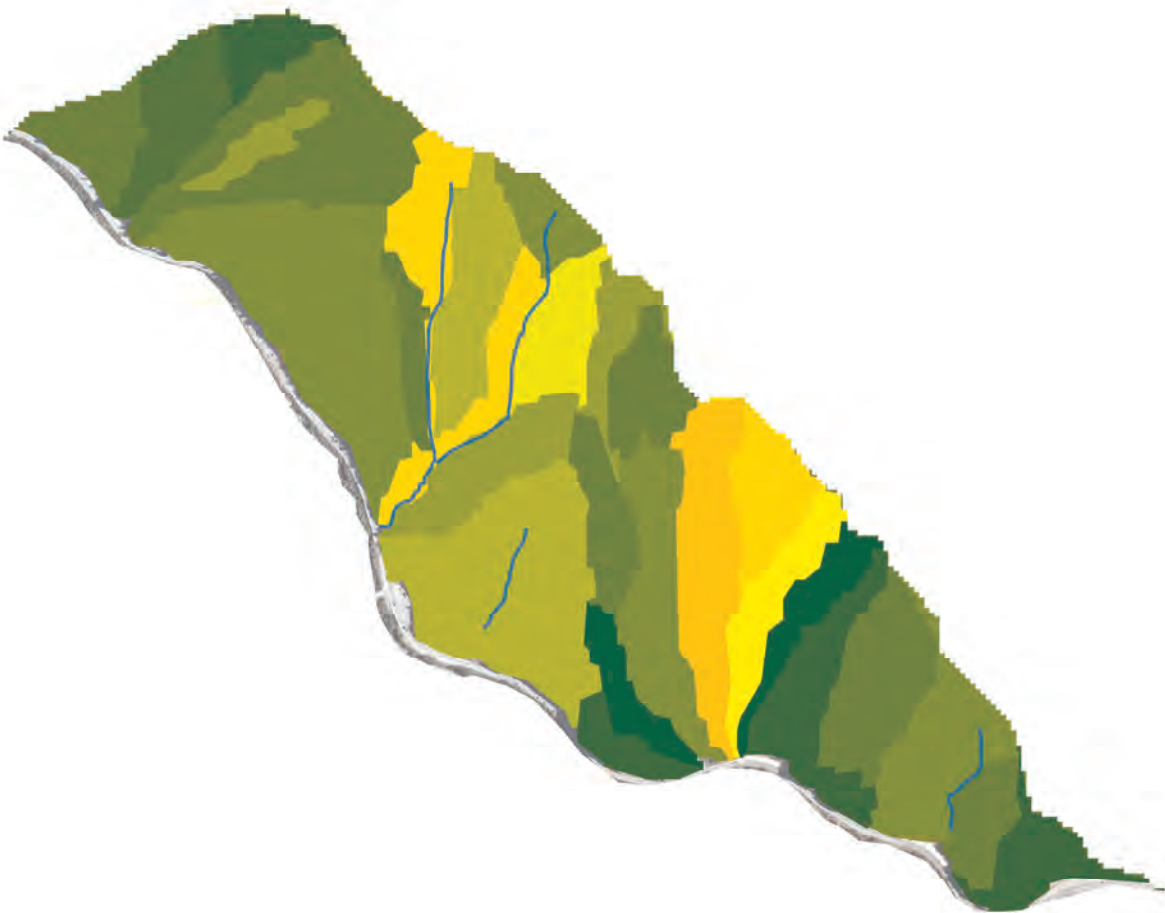


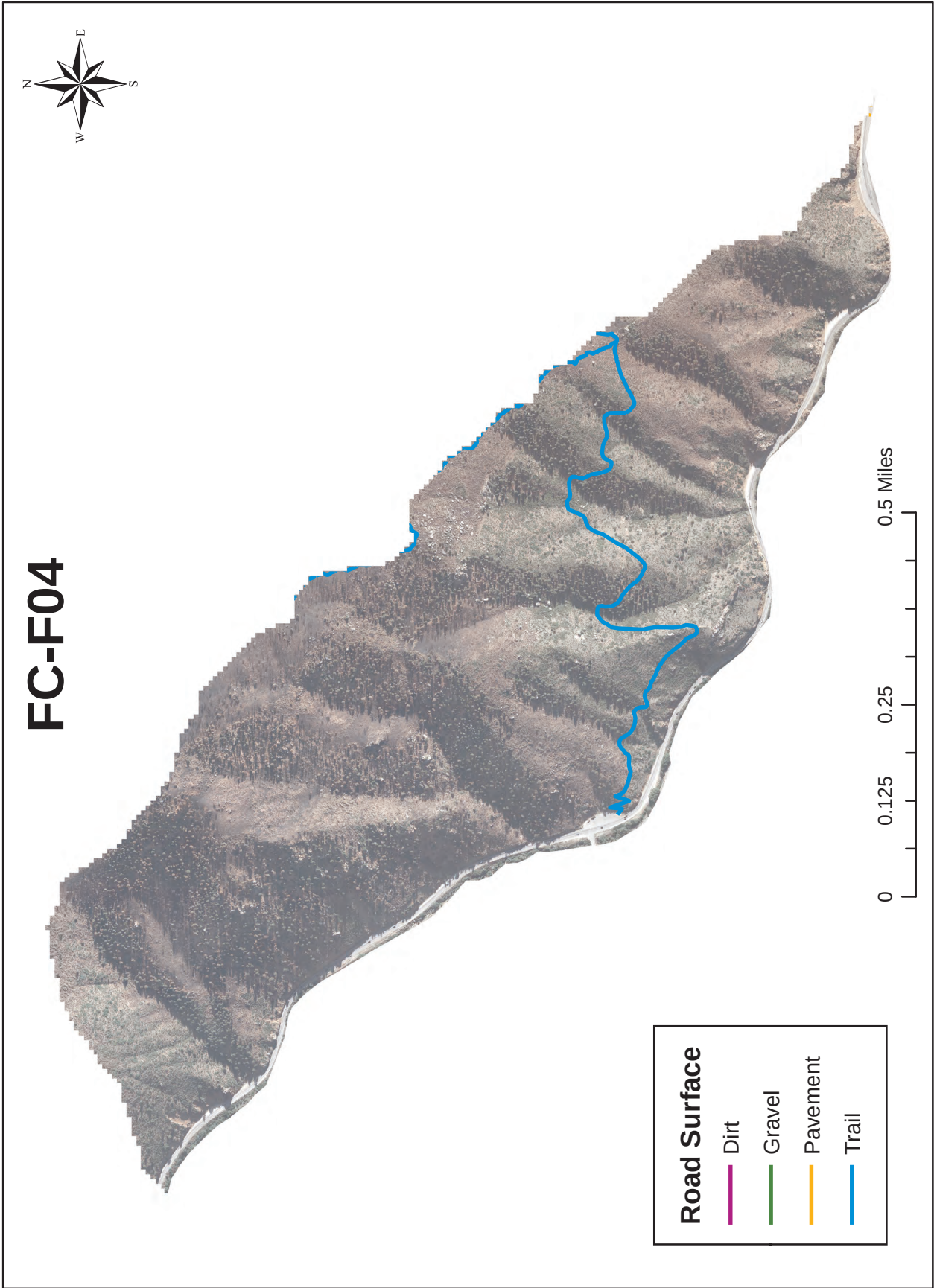


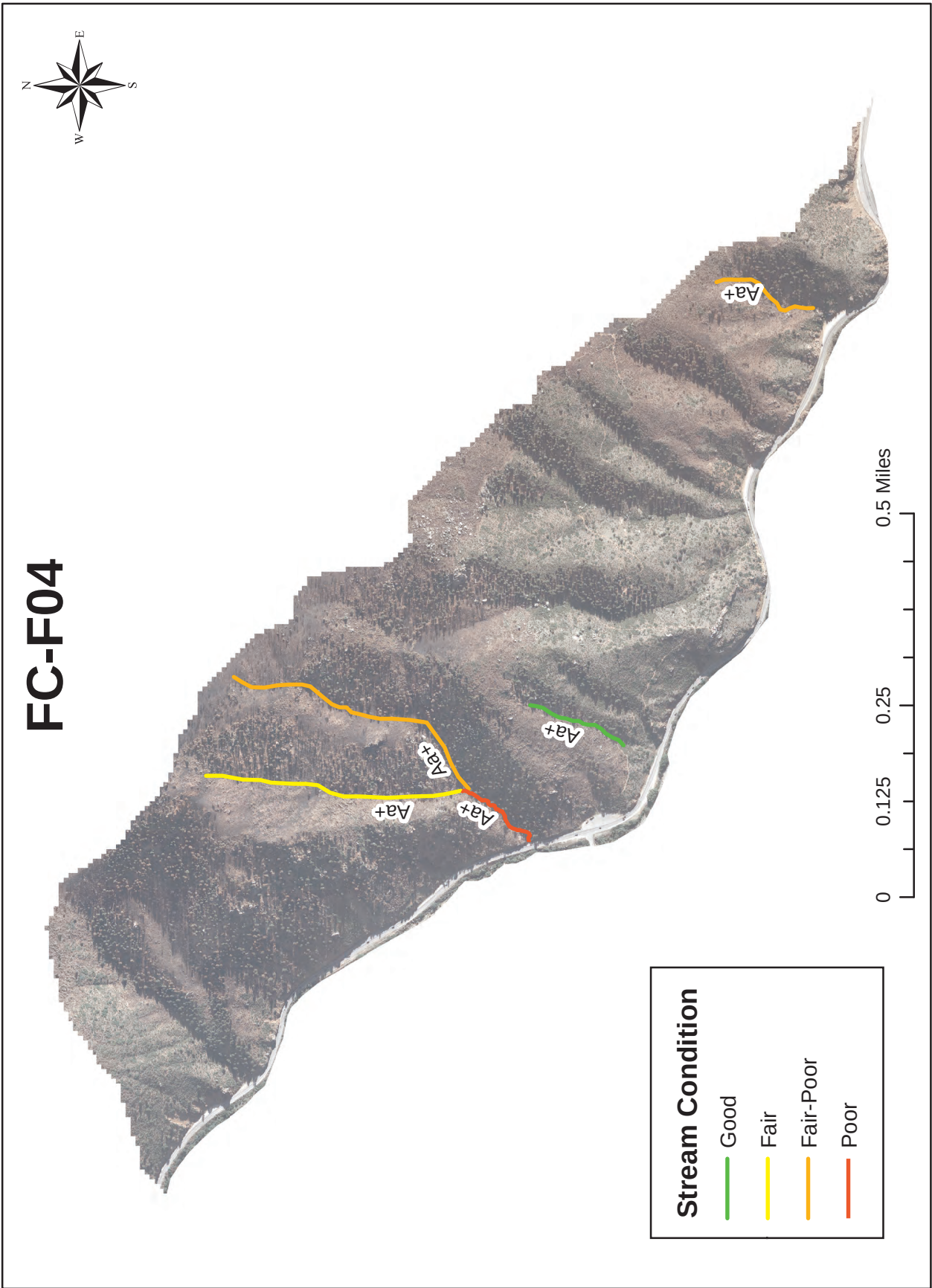
Fountain Creek, Sub-Watershed F04 (FC-F04)

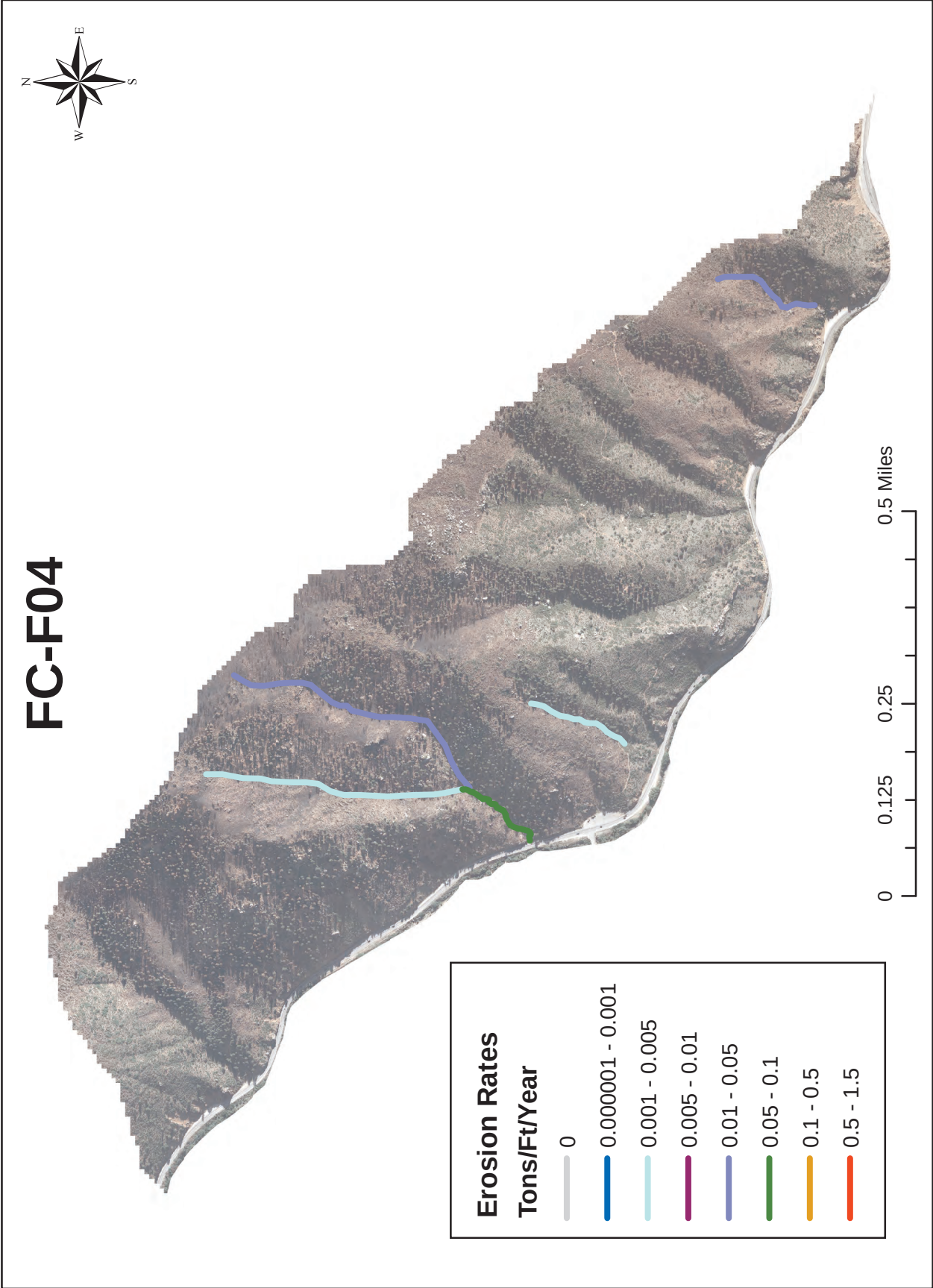
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F04							
Watershed Characteristics	Drainage Area (mi ²)	0.53		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	26.0%	28.0%	46.0%			
	Drainage Density	2.11									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	12%	30%	46%	12%	Total Erosion (tons/yr)	150				
	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%	88%	12%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	6,982		Sediment from Surface Erosion (tons/yr)	82.16						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	82						
Hydrology		Q _{BKF} (cfs)	3.097	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	336		371	35						
	Flow-Related Sediment (tons/yr)	17		1,271	1,254						
Erosion Summary	Total Introduced Sediment (tons/yr)	232		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				150	0	82	1,039				
	Total Flow Related Sediment (tons/yr)	1,271		Percent of Total Yield	12%	0%	6%	82%			
☒ Degradation ☐ Aggradation											

FC-F04





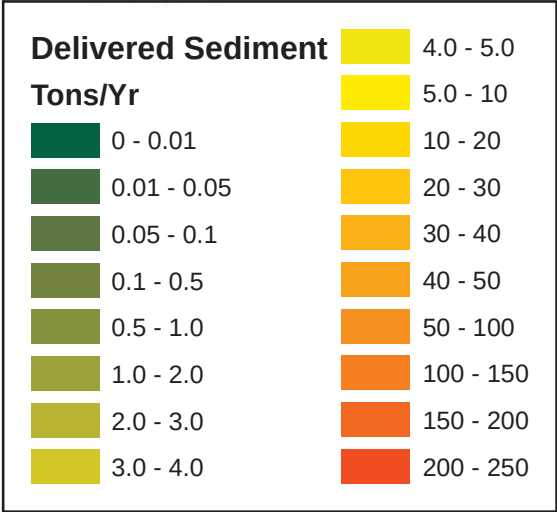
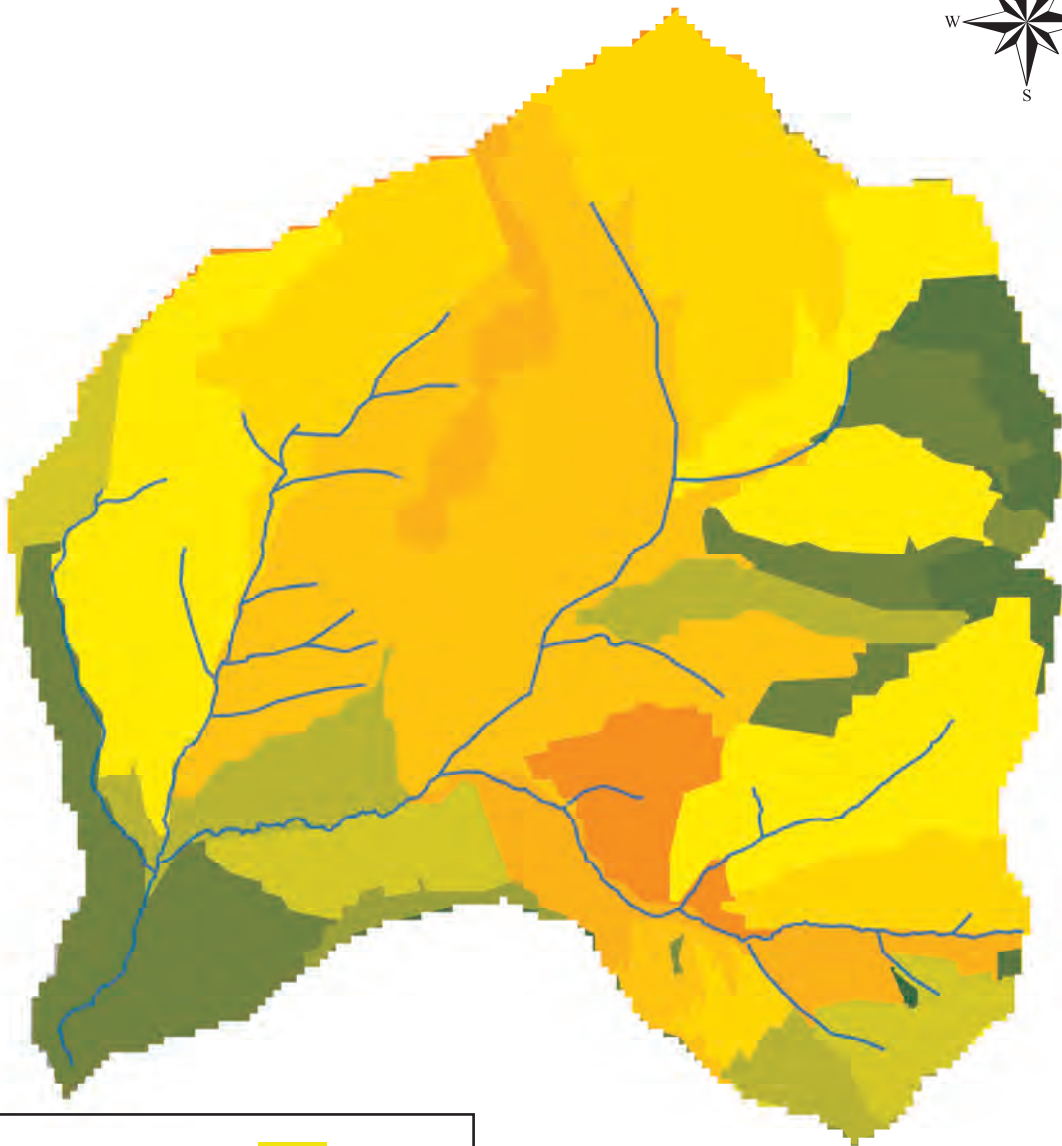


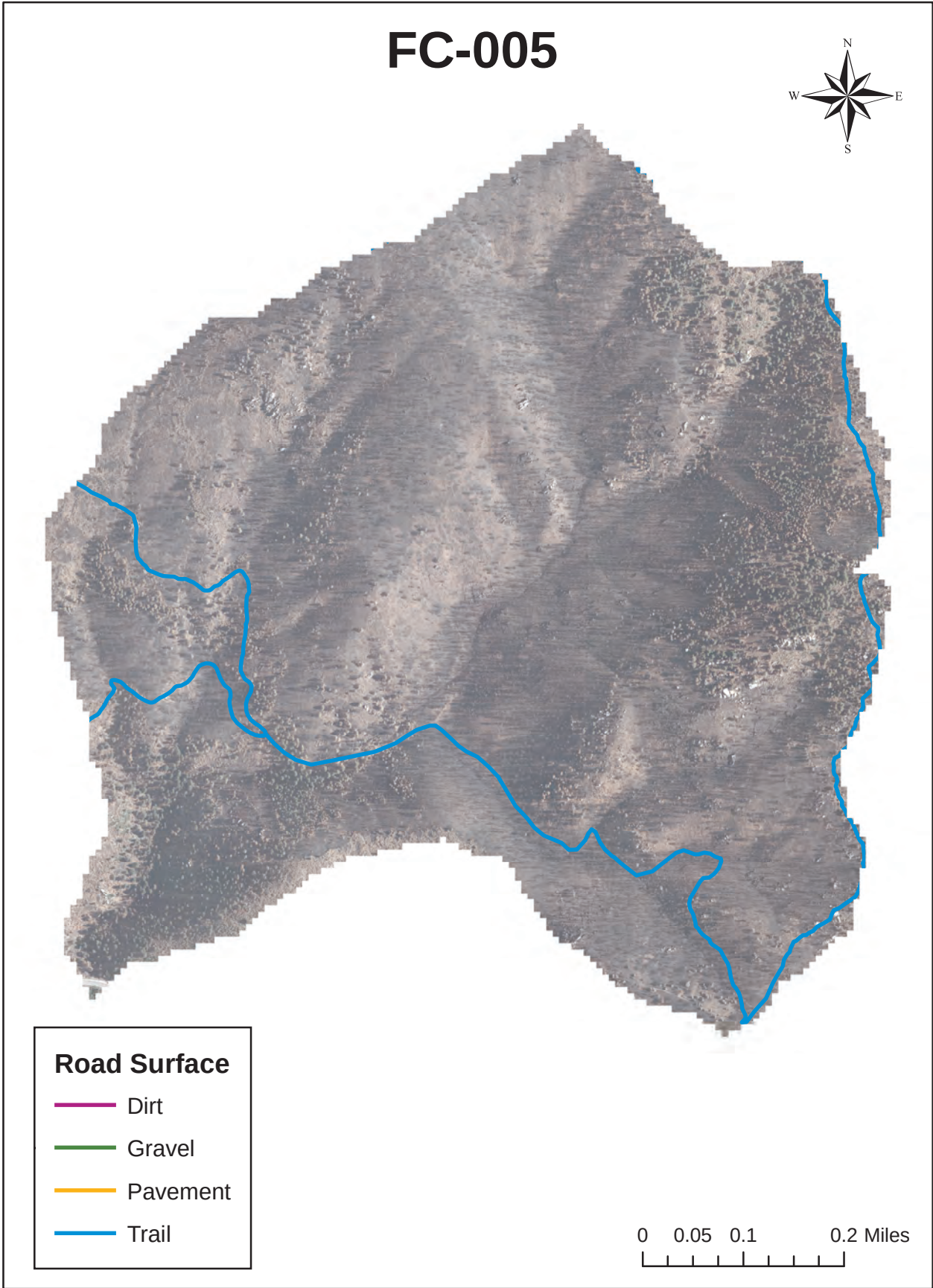


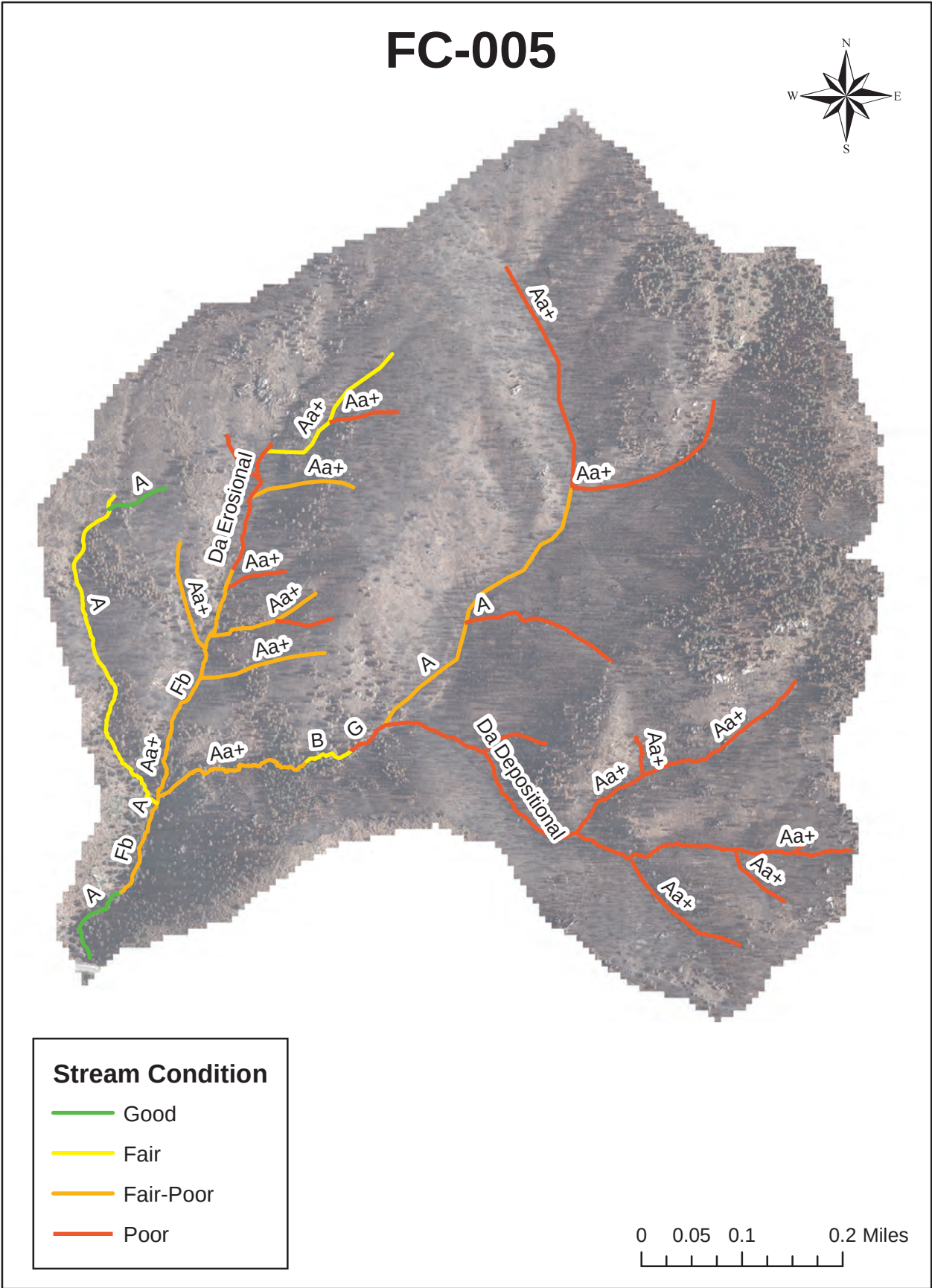
Fountain Creek, Sub-Watershed 005 (FC-005)

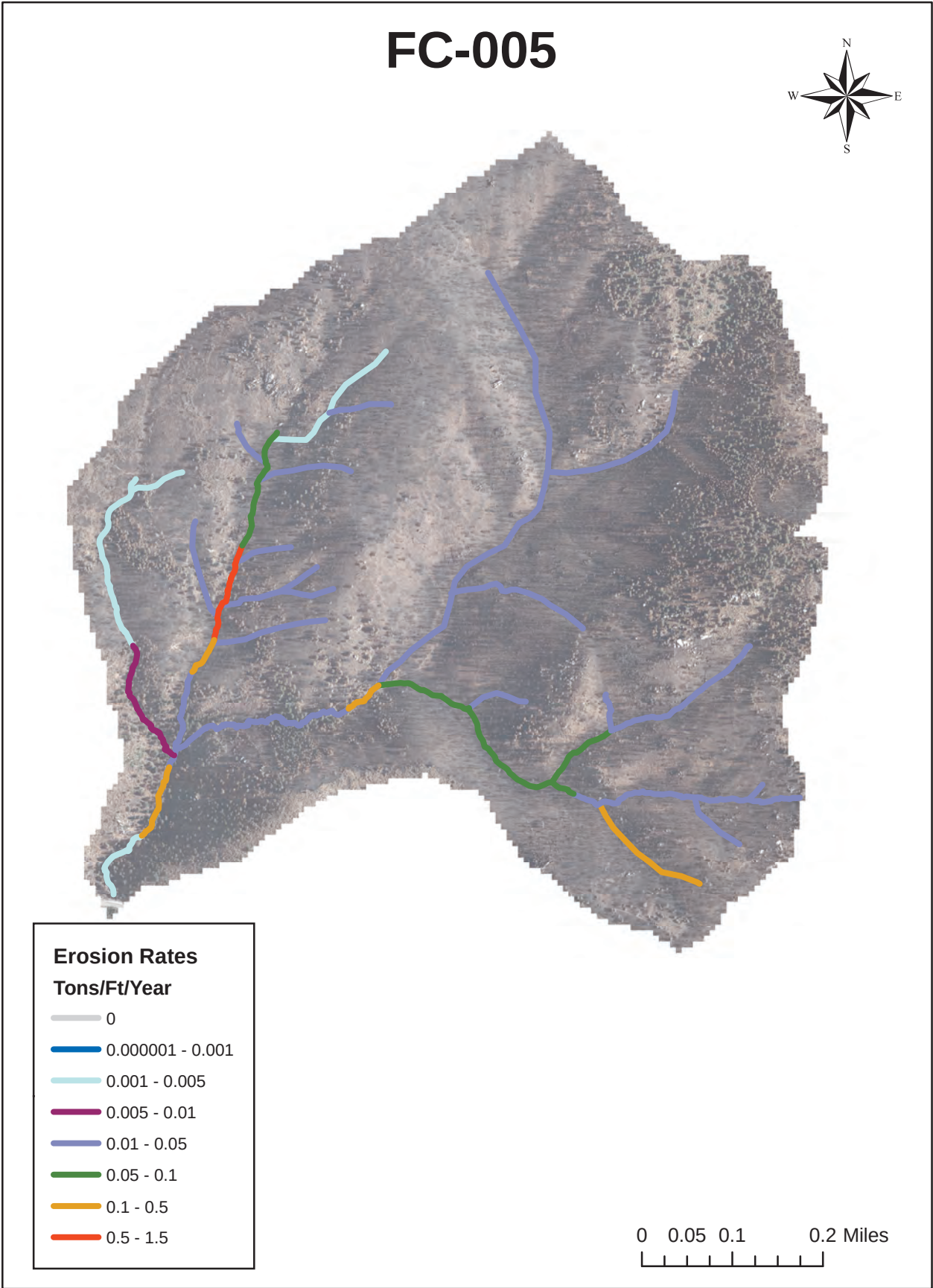
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-005							
Watershed Characteristics	Drainage Area (mi ²)	0.52		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	1.0%	13.0%	87.0%			
	Drainage Density	8.13									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		62%	20%	1%	0%	0%	12%	0%	0%	3%	1%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	4%	14%	31%	51%	Total Erosion (tons/yr)	1,246				
	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%	7%	4%	67%	15%	4%	3%	0%	
Hillslope Processes	Length of Road (ft)	11,397		Sediment from Surface Erosion (tons/yr)	469.85						
	Total Sediment from Roads (tons/yr)	0.58		Introduced Sediment Roads & Hillslope (tons/yr)	470						
Hydrology	Q _{BKF} (cfs)	3.0793		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			334	456	122					
	Flow-Related Sediment (tons/yr)			17	1,778	1,761					
Erosion Summary	Total Introduced Sediment (tons/yr)	1,716		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	1,246	1	470	62			
	Total Flow Related Sediment (tons/yr)	1,778		Percent of Total Yield	70%	0%	26%	3%			
☒ Degradation ☐ Aggradation											

FC-005



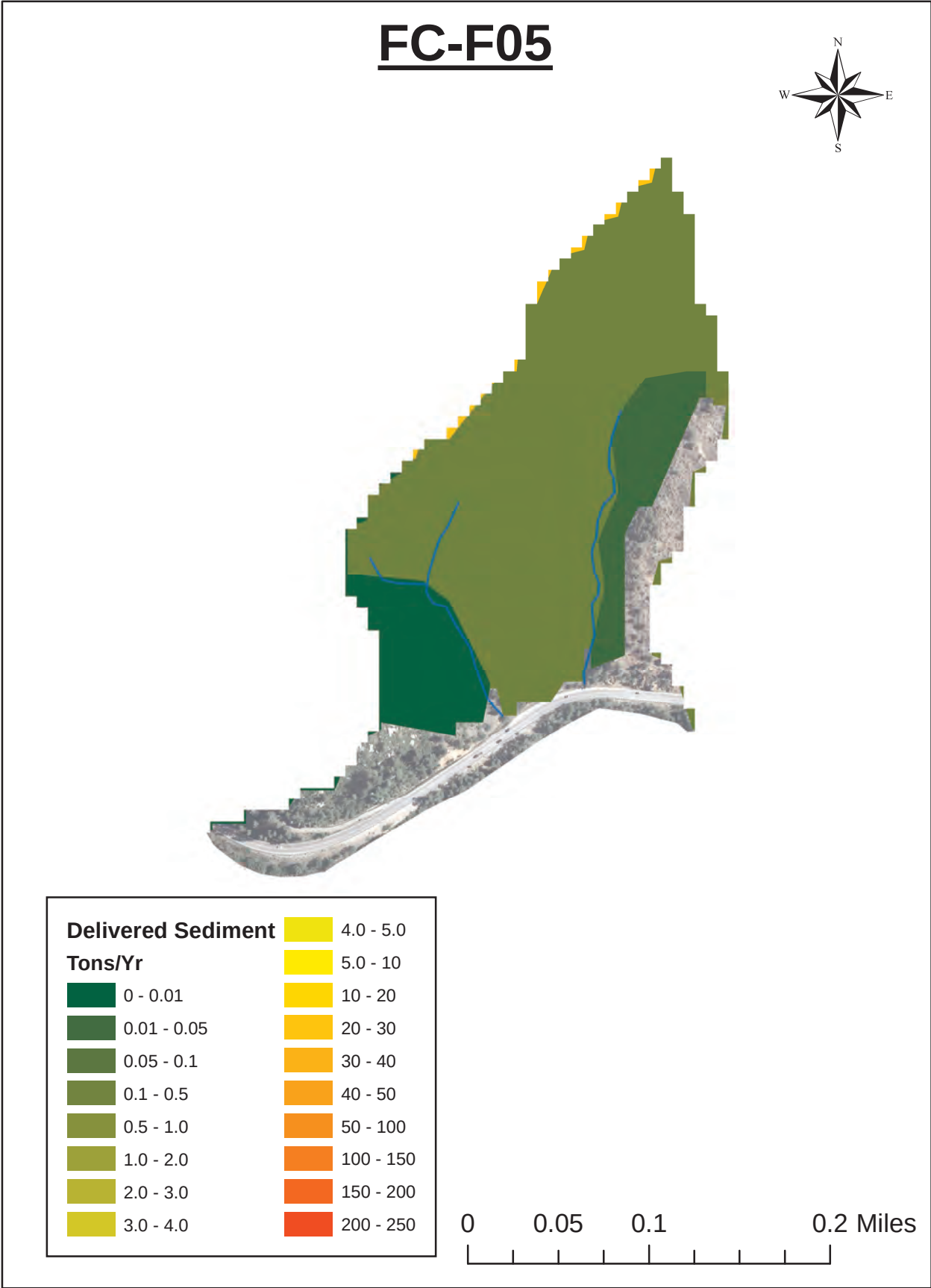


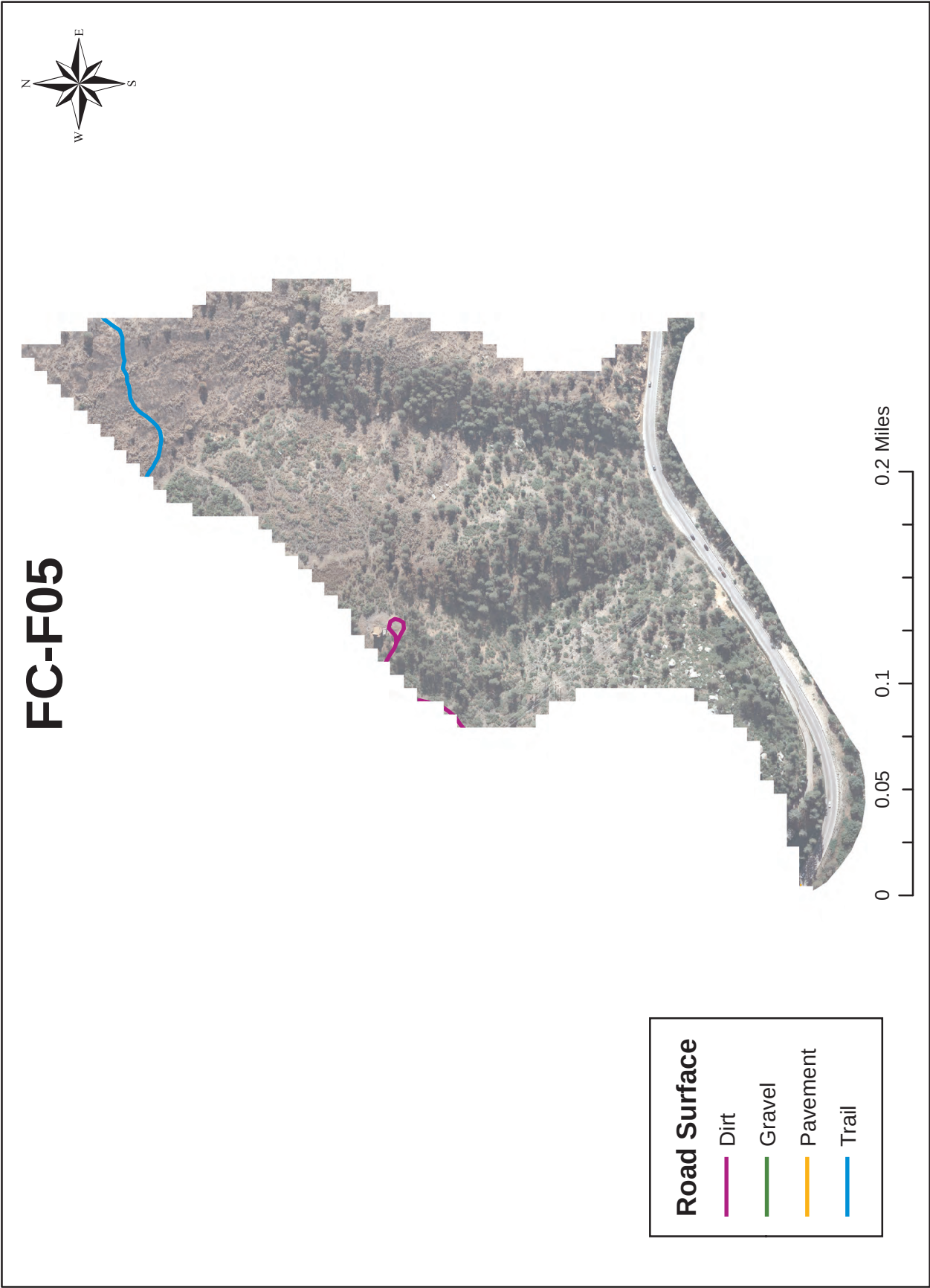


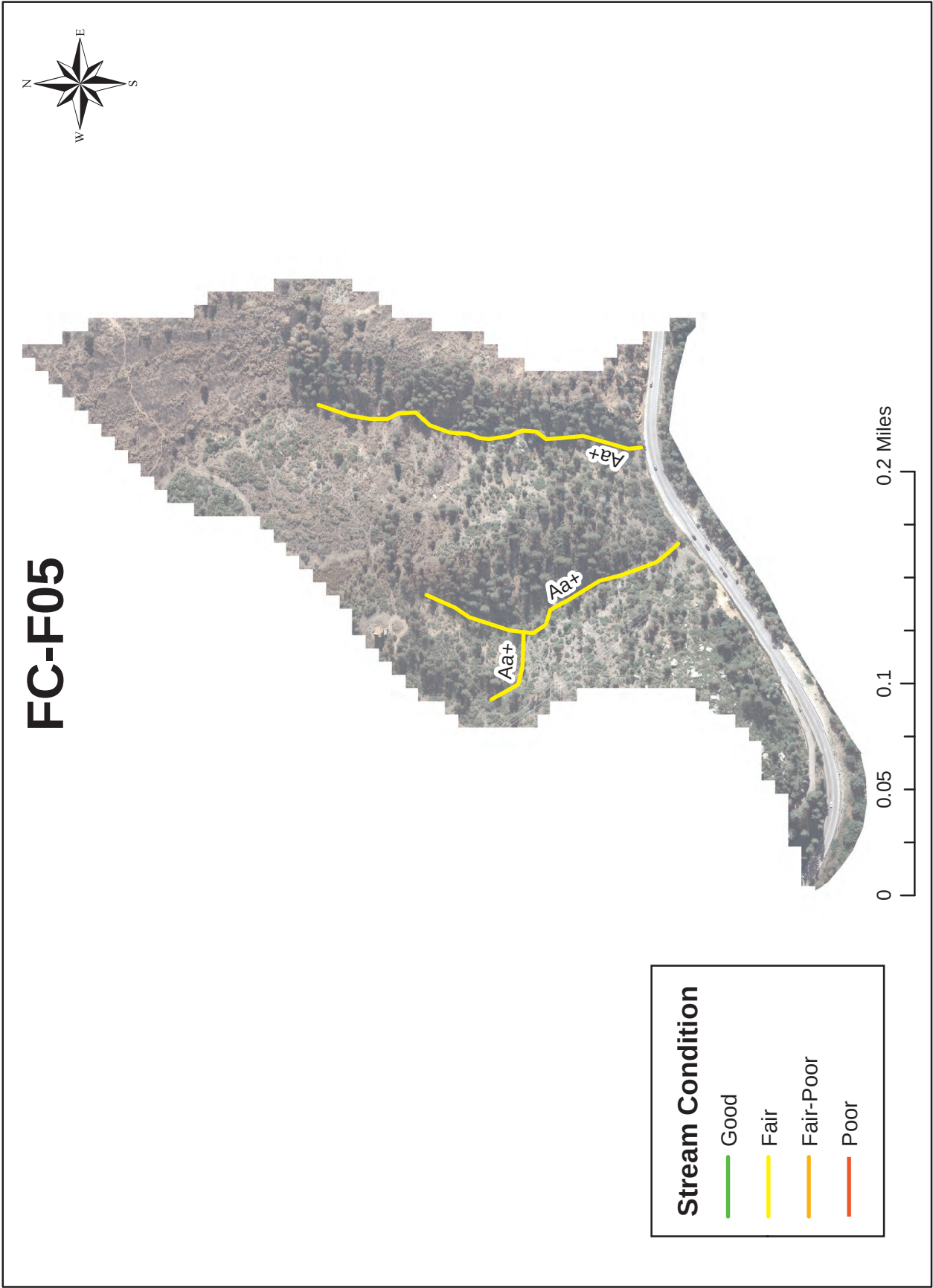


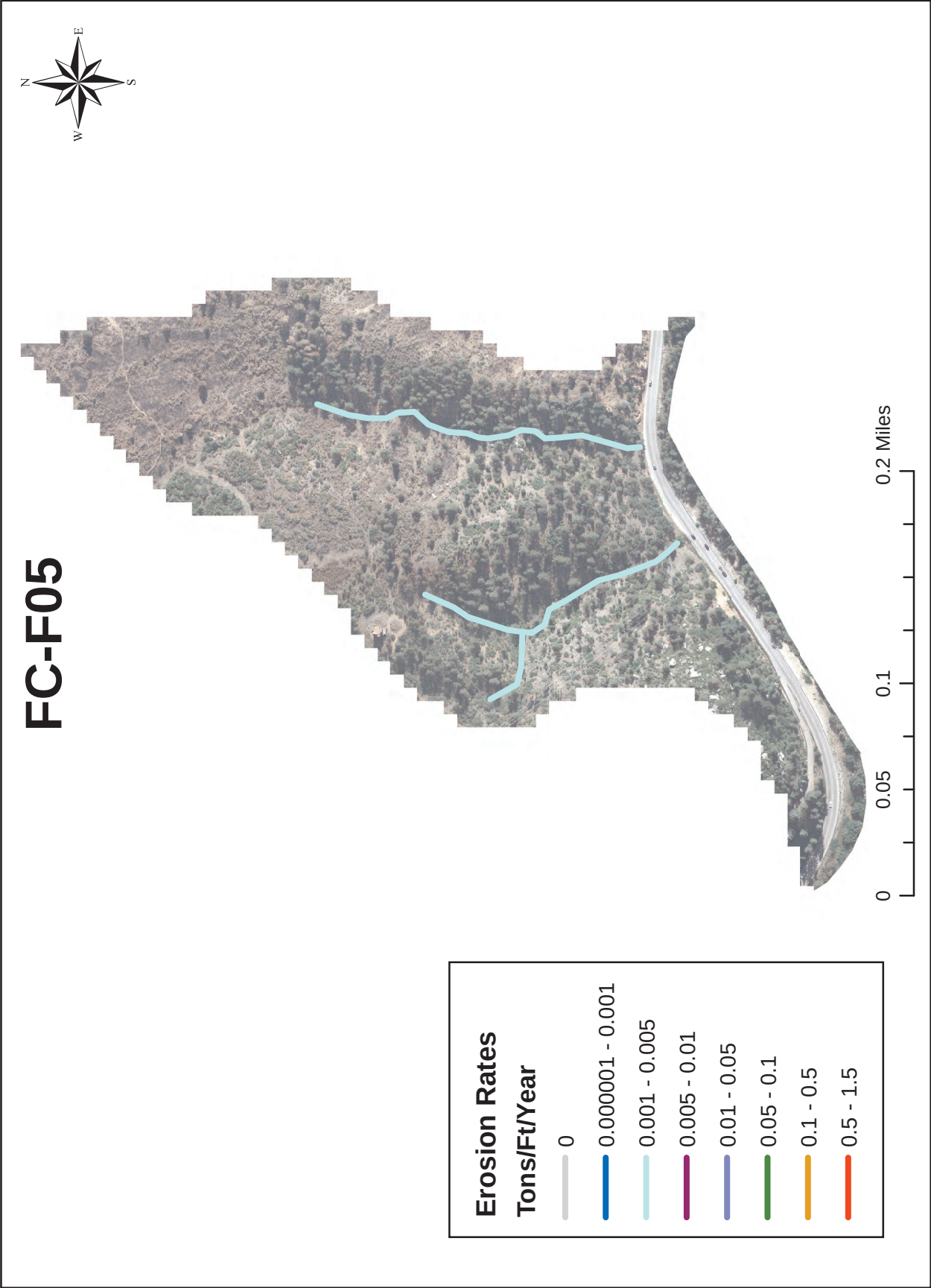
Fountain Creek, Sub-Watershed F05 (FC-F05)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F05							
Watershed Characteristics	Drainage Area (mi ²)	0.05		High	Moderate	Low	Unburned				
				Burn Severity (%)	12.0%	58.0%	28.0%	2.0%			
	Drainage Density	7.21									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	Total Erosion (tons/yr)	4				
	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	734		Sediment from Surface Erosion (tons/yr)	0.31						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	0						
Hydrology		Q _{BKF} (cfs)	0.6242	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	68		69	1						
	Flow-Related Sediment (tons/yr)	8		139	131						
Erosion Summary	Total Introduced Sediment (tons/yr)	5		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				4	0	0	134				
	Total Flow Related Sediment (tons/yr)	139		Percent of Total Yield	3%	0%	0%	97%			
		☒ Degradation		☐ Aggradation							



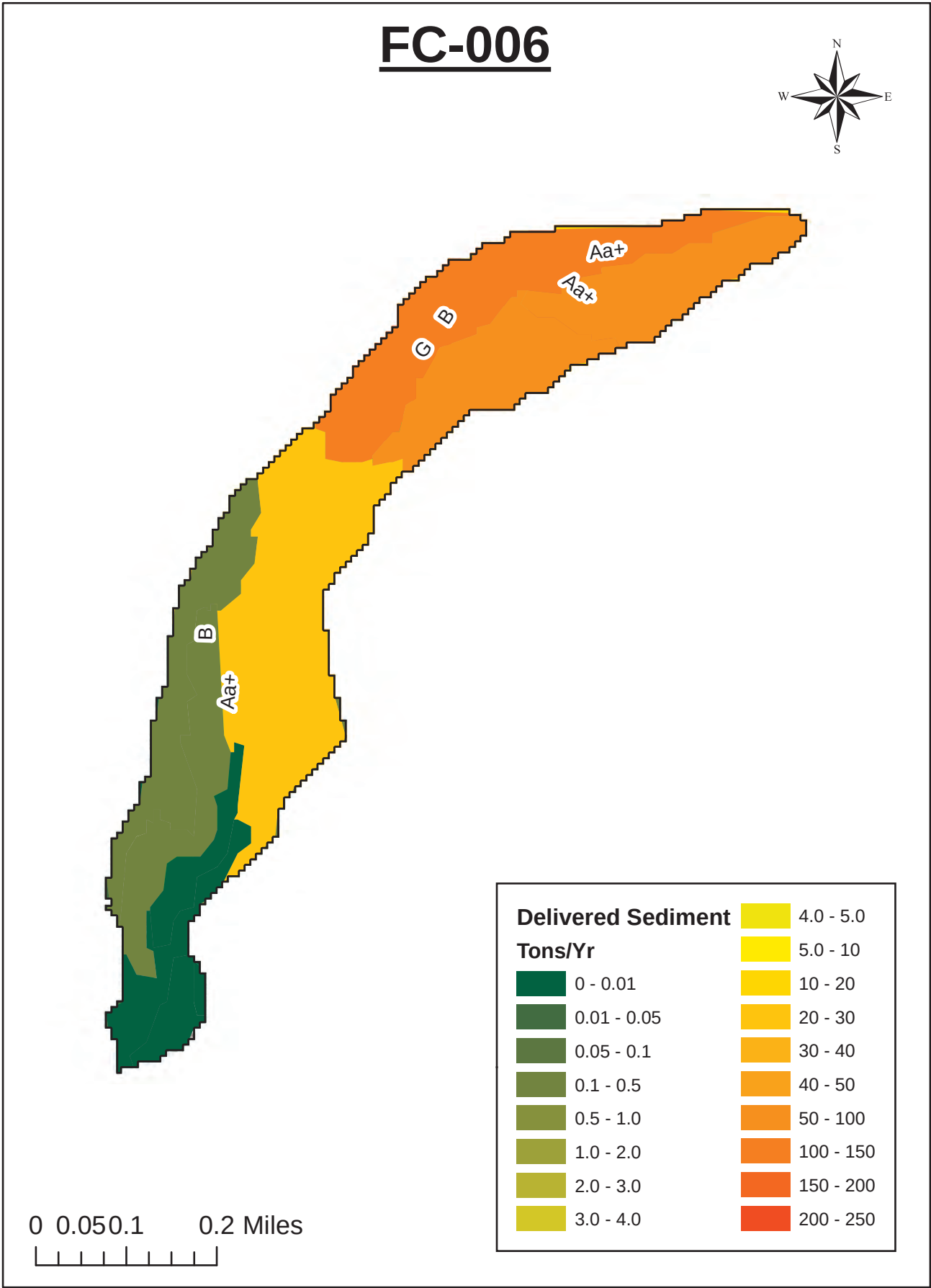


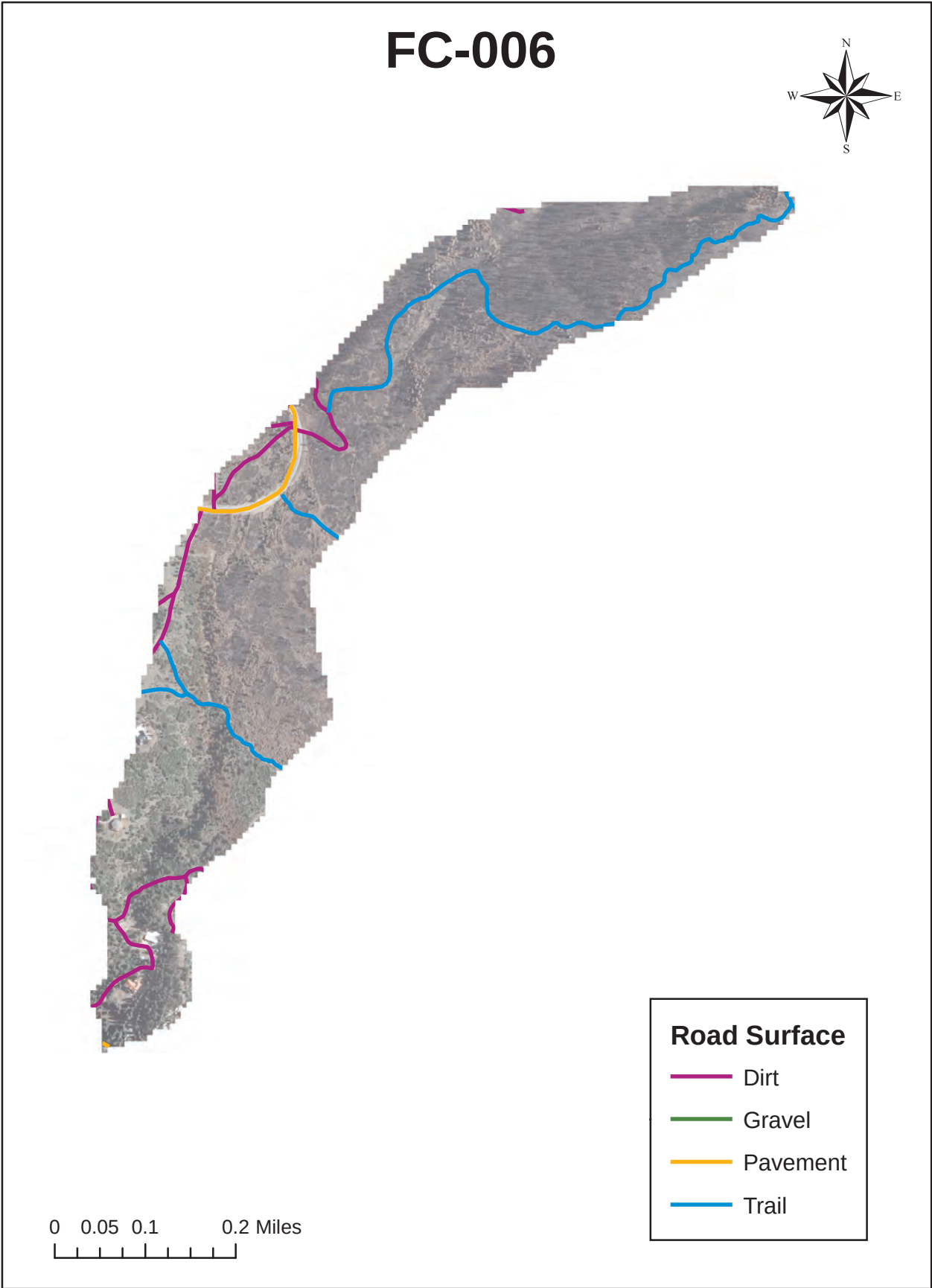


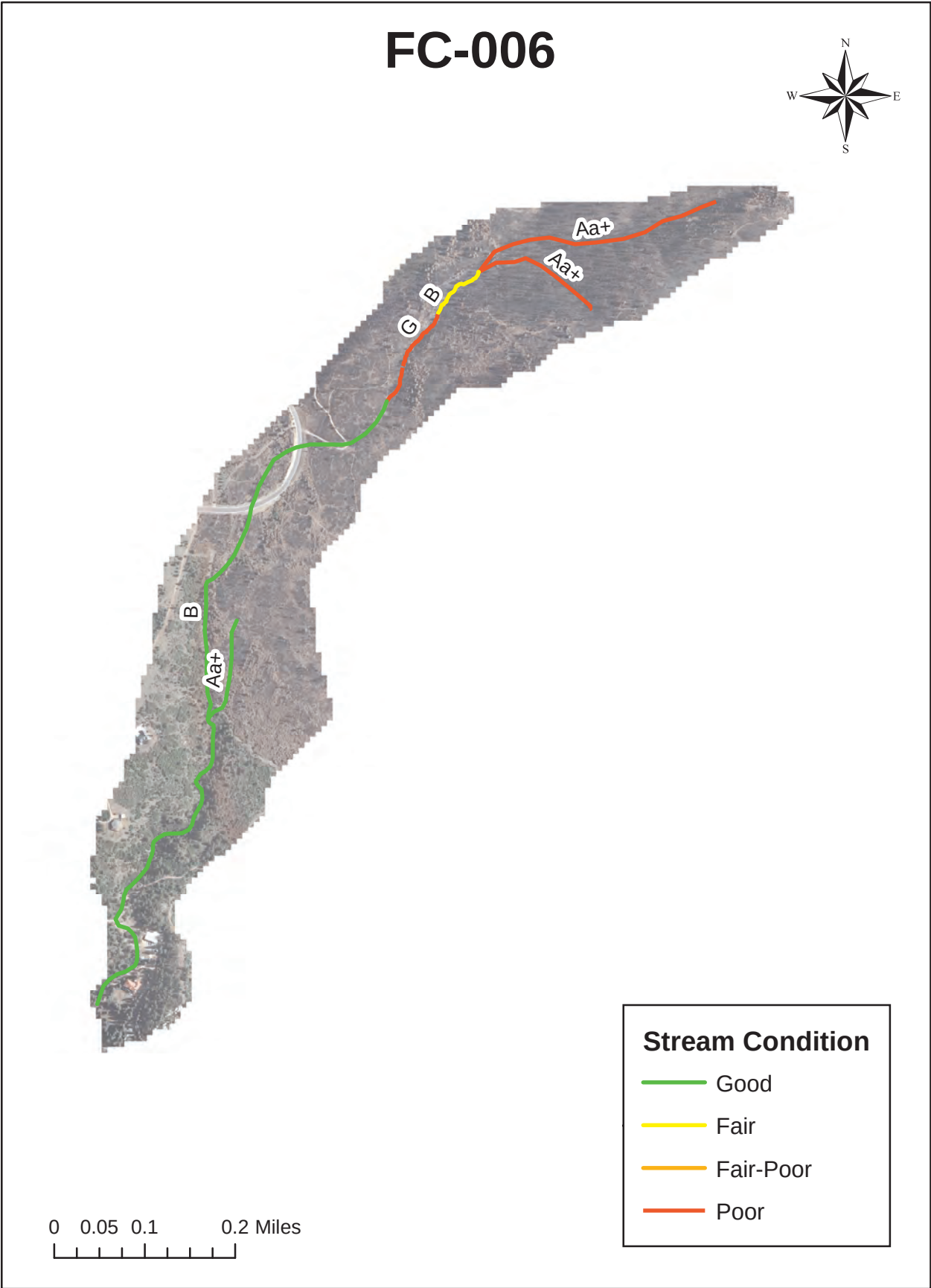


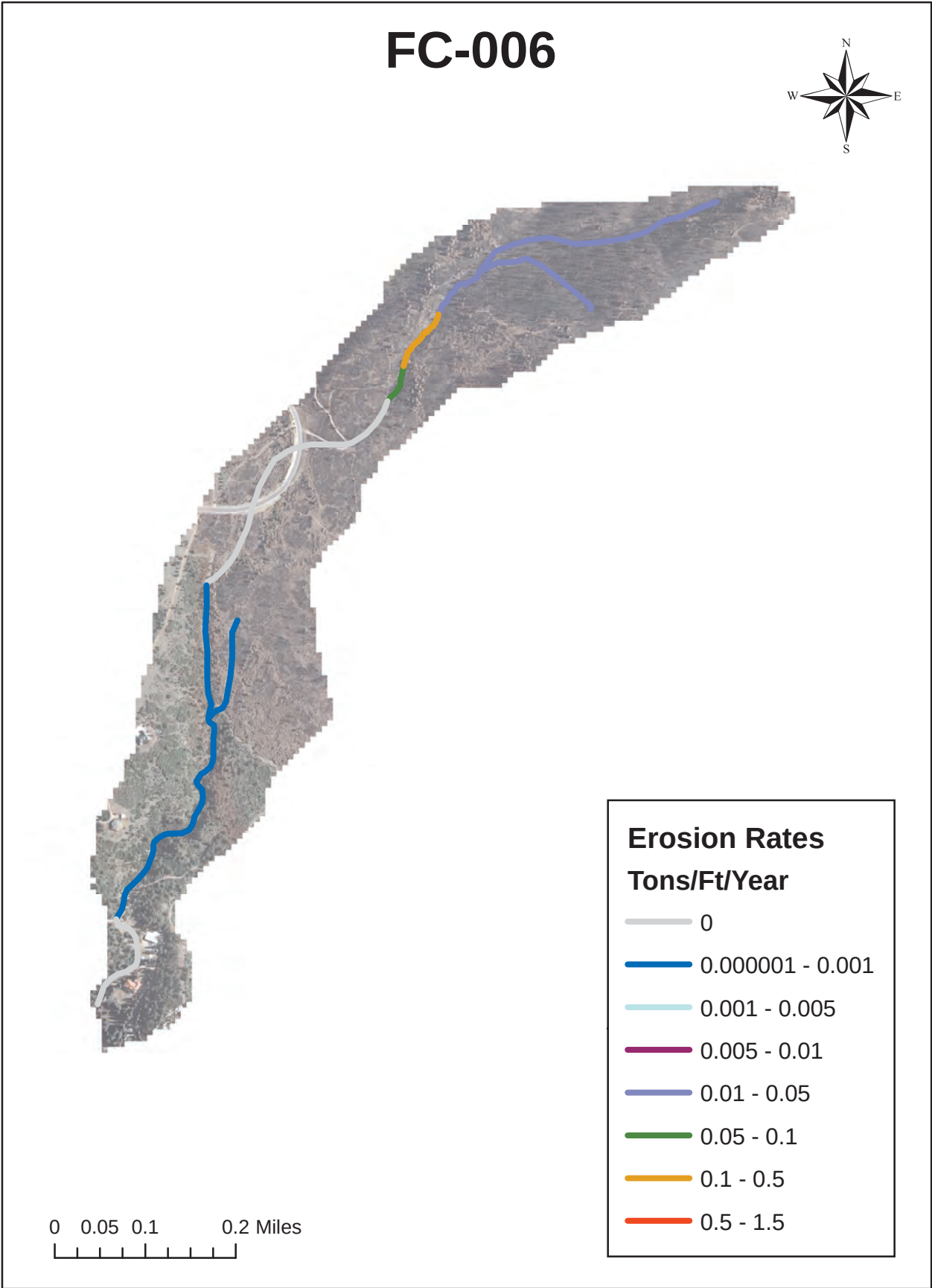
Fountain Creek, Sub-Watershed 006 (FC-006)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-006							
Watershed Characteristics	Drainage Area (mi ²)	0.17		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	14.0%	46.0%	39.0%			
	Drainage Density	9.28									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		34%	0%	31%	0%	30%	0%	0%	0%	0%	5%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	61%	4%	0%	34%	Total Erosion (tons/yr)	213				
	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	27%	34%	0%	0%	31%	3%	5%	0%	0%	
Hillslope Processes	Length of Road (ft)	11,669		Sediment from Surface Erosion (tons/yr)	258.67						
	Total Sediment from Roads (tons/yr)	1.04		Introduced Sediment Roads & Hillslope (tons/yr)	260						
Hydrology		Q _{BKF} (cfs)	1.4846	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			161	182	21					
	Flow-Related Sediment (tons/yr)			18	349	331					
Erosion Summary	Total Introduced Sediment (tons/yr)	473		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				213	1	259	-124				
	Total Flow Related Sediment (tons/yr)	349		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							



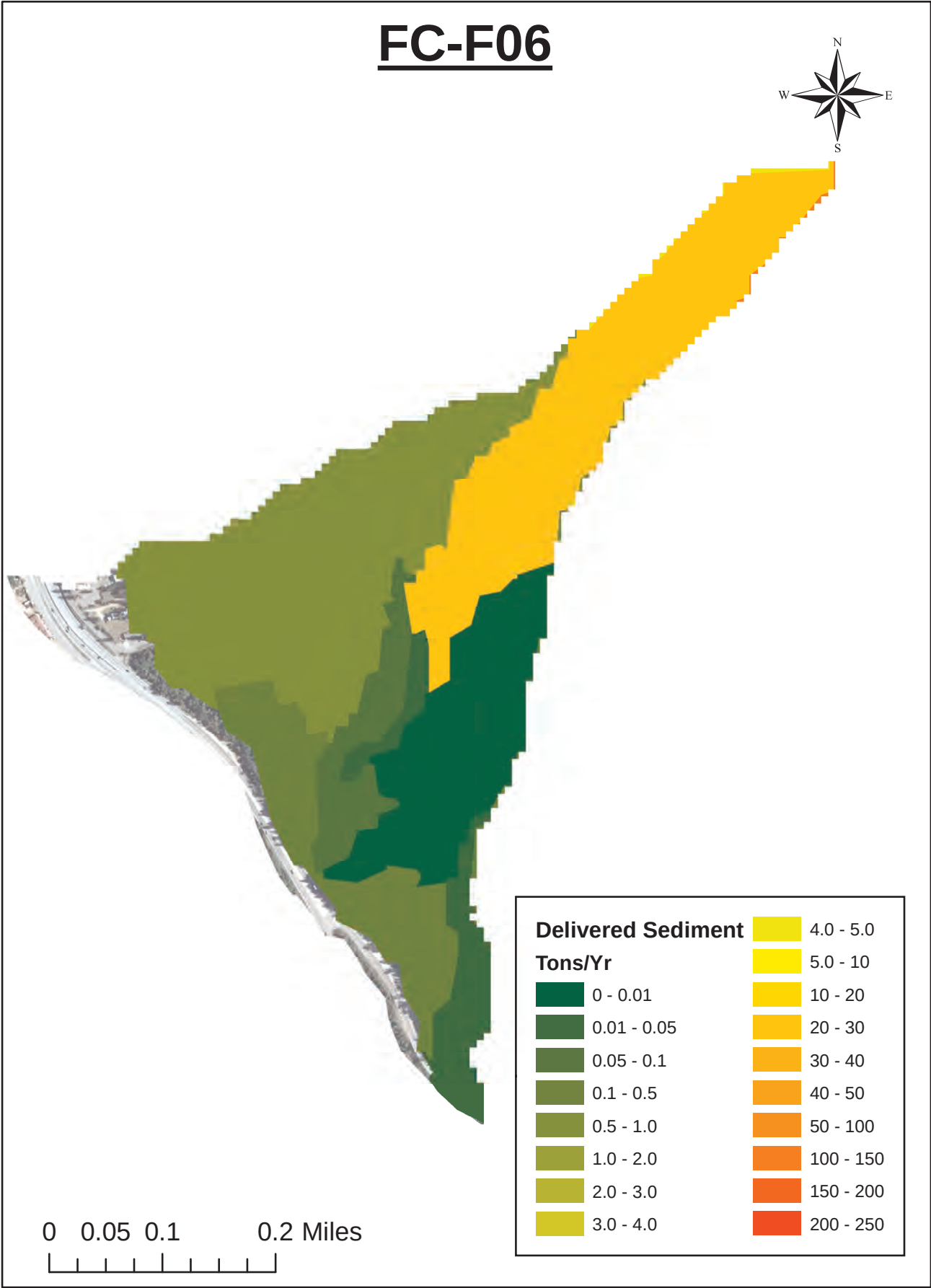


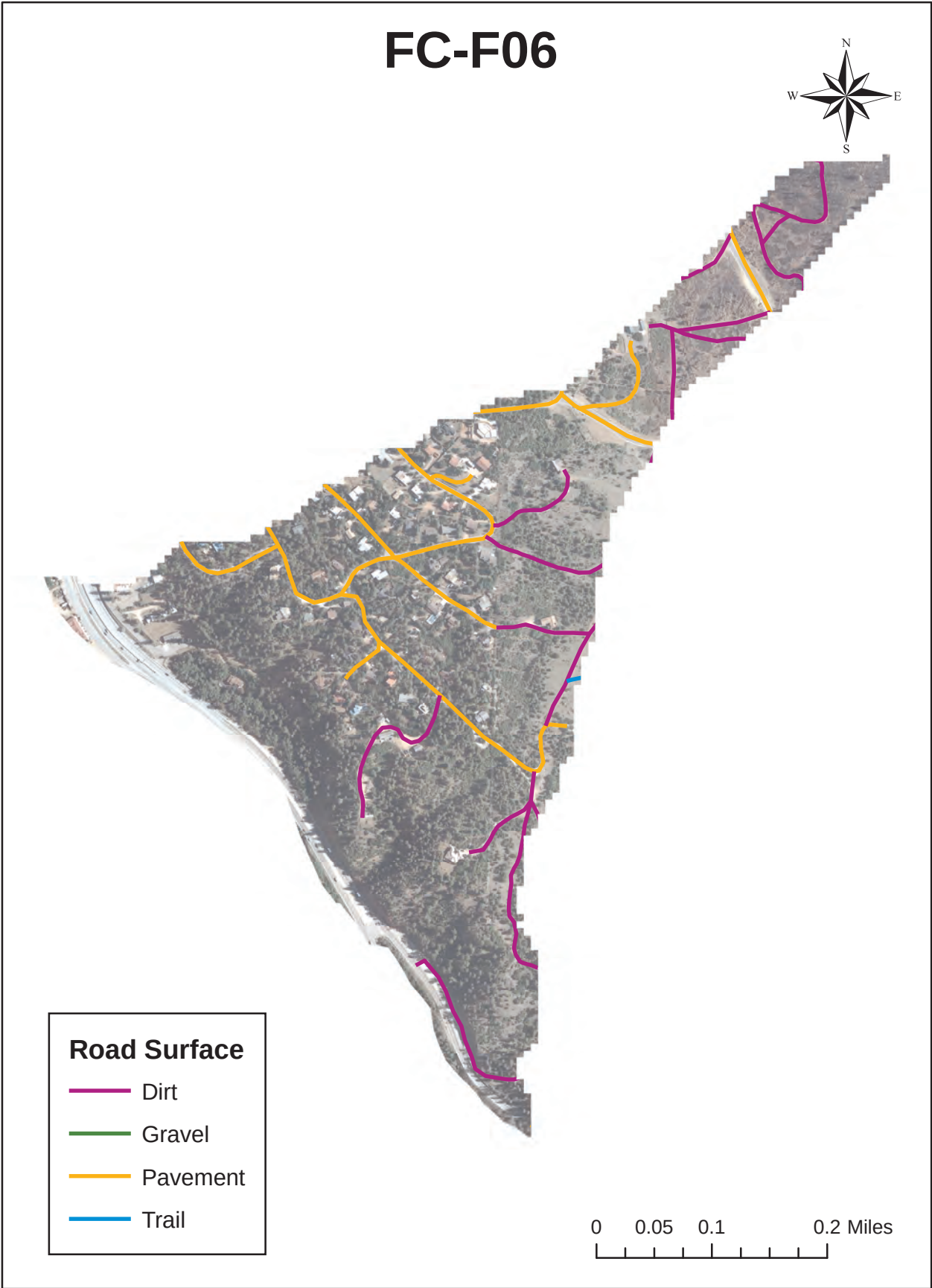




Fountain Creek, Sub-Watershed F06 (FC-F06)

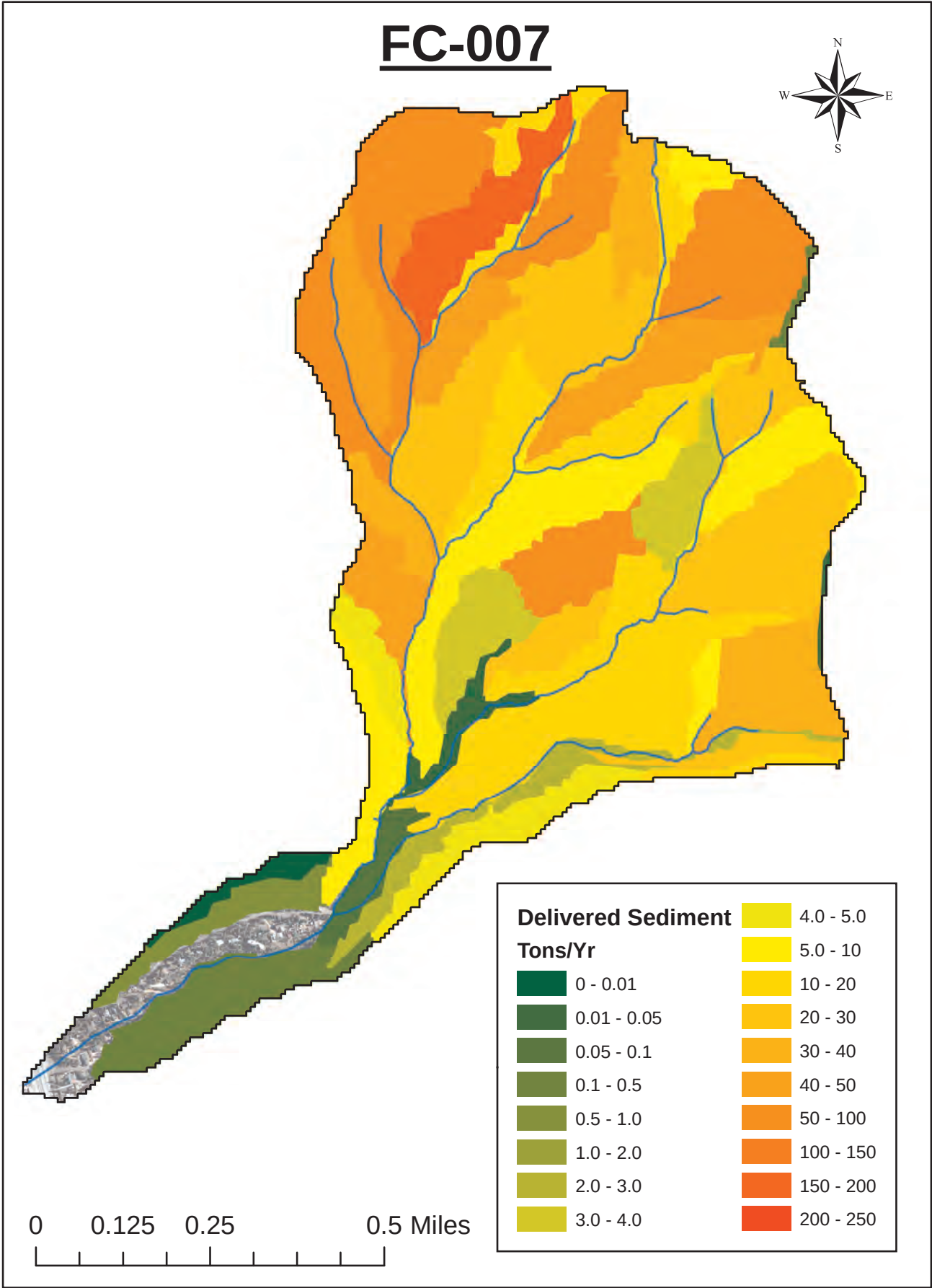
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F06								
Watershed Characteristics	Drainage Area (mi ²)	0.17		High	Moderate	Low	Unburned					
			Burn Severity (%)	15.0%	64.0%	21.0%	0.0%					
	Drainage Density	0.00										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
			0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	15,406		Sediment from Surface Erosion (tons/yr)		21.92						
	Total Sediment from Roads (tons/yr)	0.49		Introduced Sediment Roads & Hillslope (tons/yr)		22						
Hydrology			Q _{BKF} (cfs)	1.446	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		157		N/A		N/A					
	Flow-Related Sediment (tons/yr)		12		N/A		N/A					
Erosion Summary			Banks	Roads	Surface Erosion	Streambed						
	Total Introduced Sediment (tons/yr)	22	Sediment (tons/yr)	0	0	22	N/A					
	Total Flow Related Sediment (tons/yr)	N/A	Percent of Total Yield	N/A	N/A	N/A	N/A					
			☐ Degradation ☐ Aggradation									

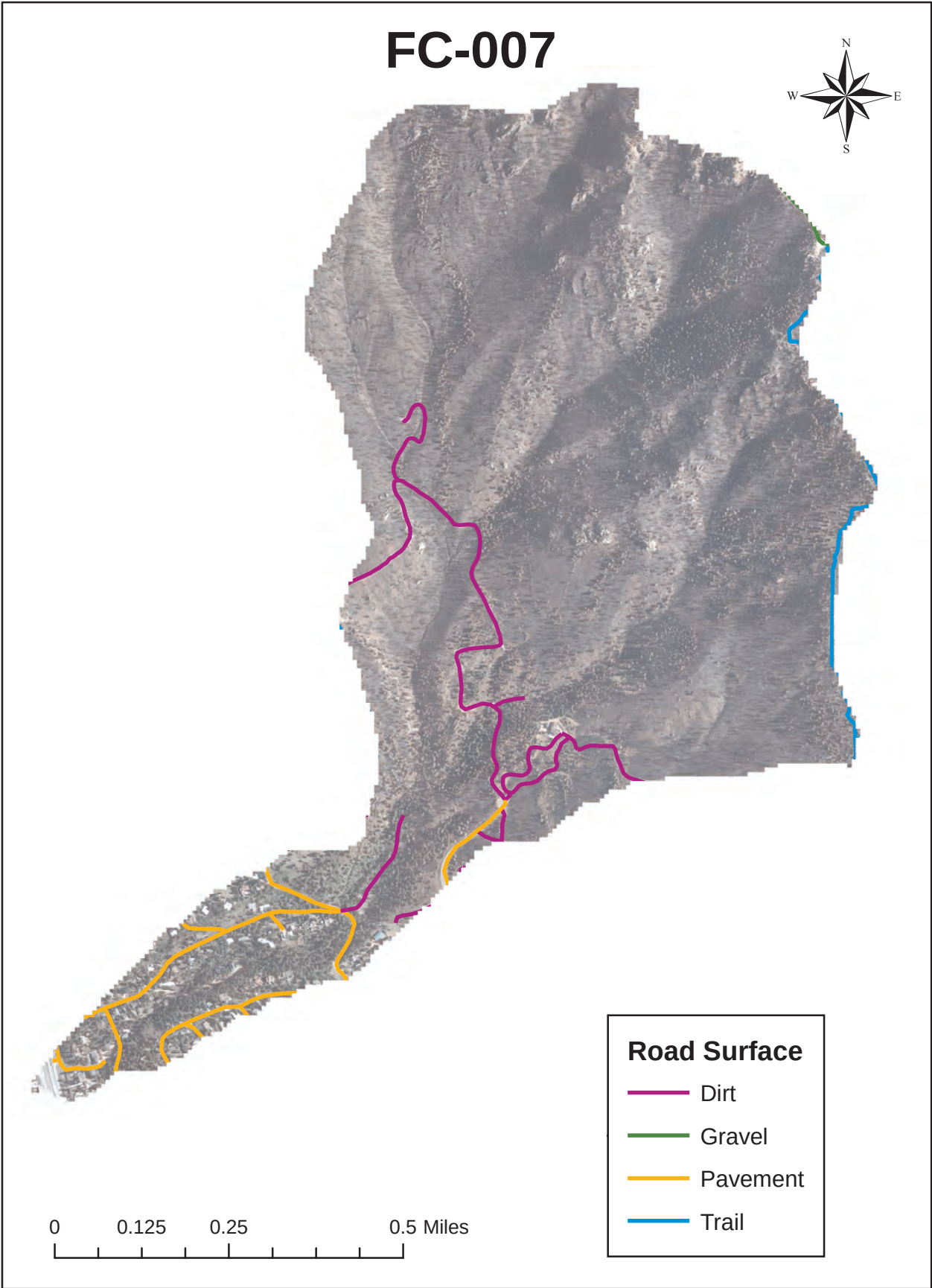


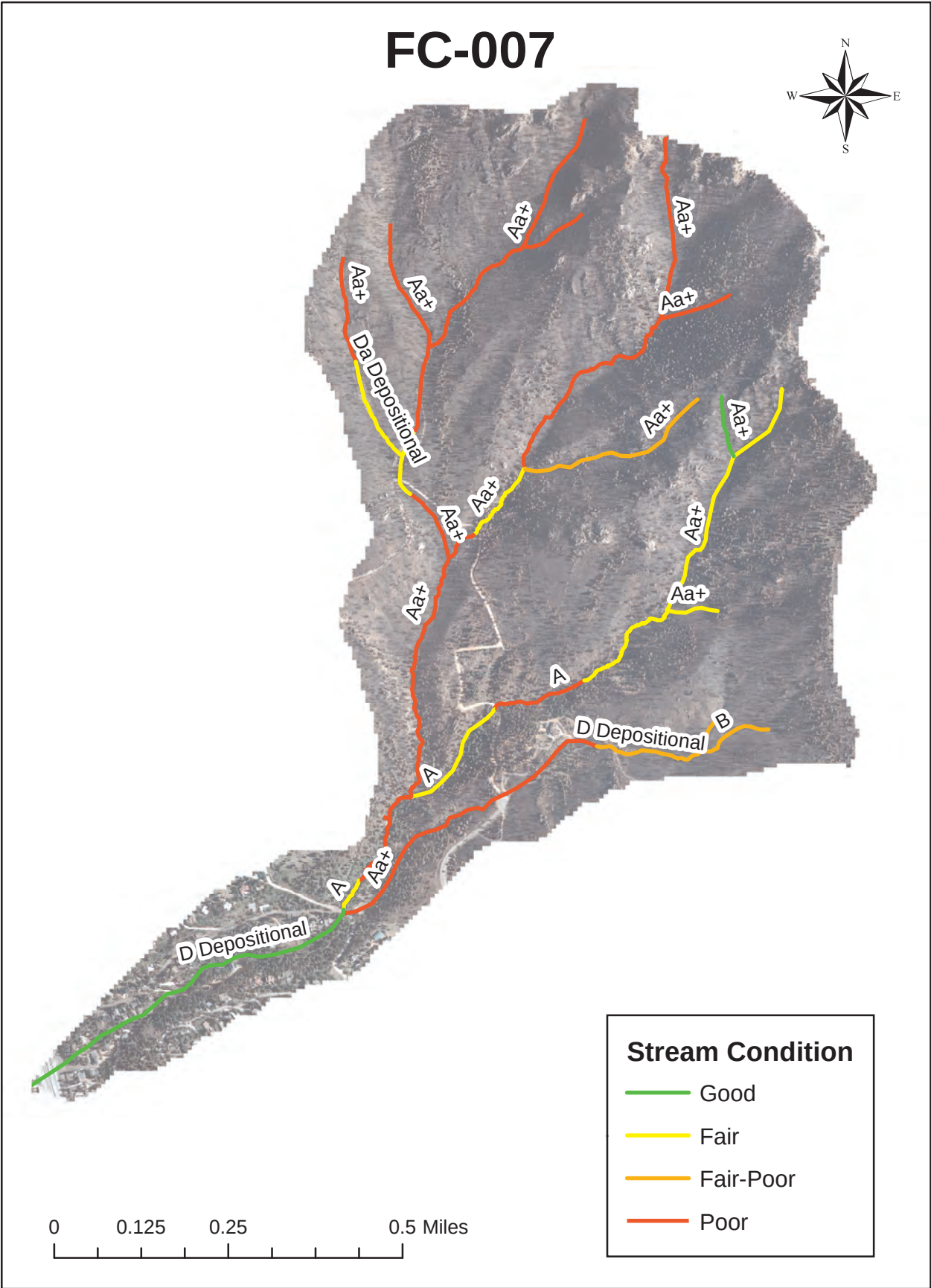


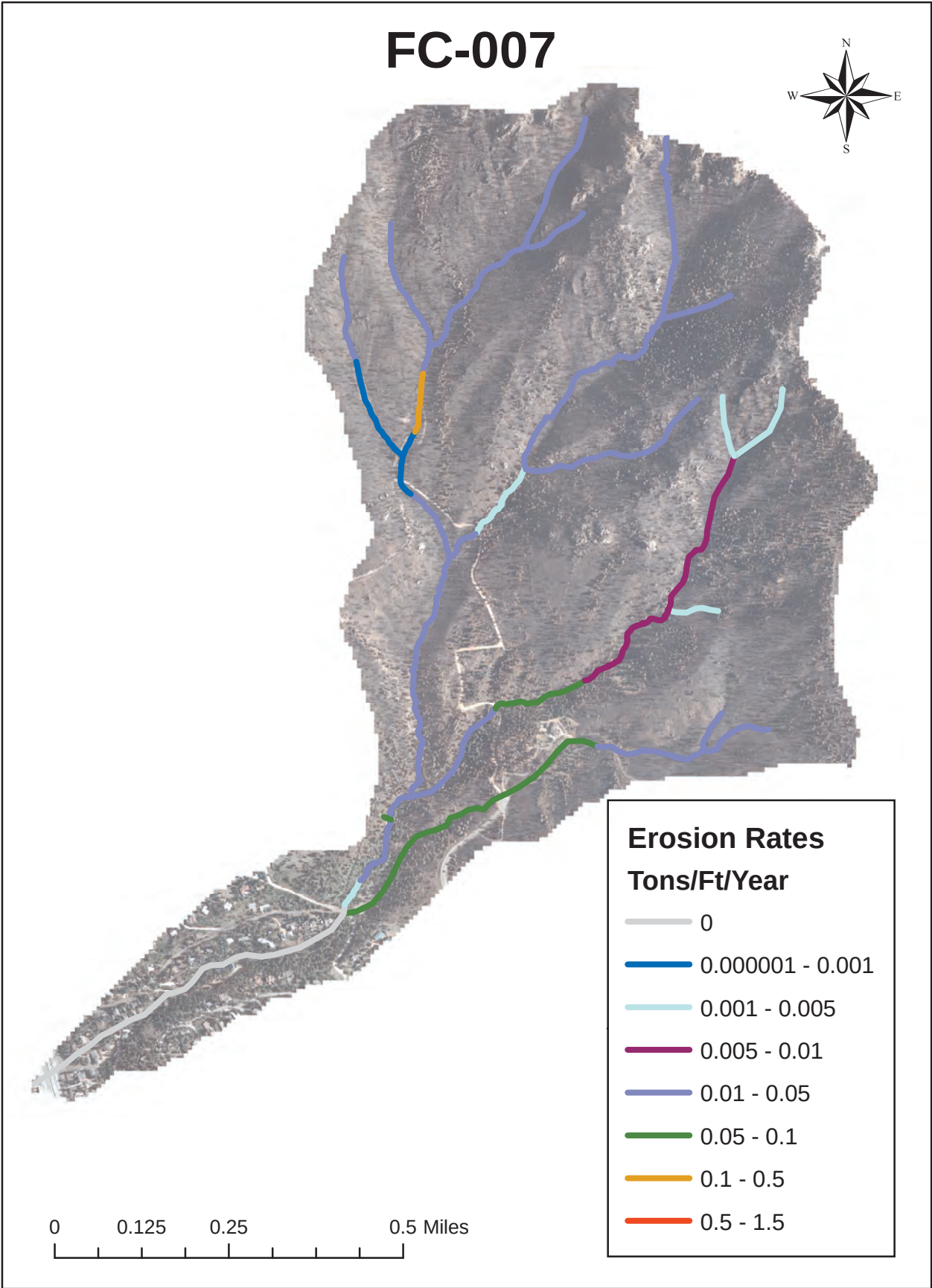
Fountain Creek, Sub-Watershed 007 (FC-007)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-007							
Watershed Characteristics	Drainage Area (mi ²)	0.77		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	8.0%	30.0%	62.0%			
	Drainage Density	7.26									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		72%	8%	2%	0%	13%	6%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	11%	23%	11%	55%	Total Erosion (tons/yr)	643				
	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	10%	5%	6%	8%	68%	3%	2%	0%	0%	
Hillslope Processes	Length of Road (ft)	19,715		Sediment from Surface Erosion (tons/yr)	1199.13						
	Total Sediment from Roads (tons/yr)	4.76		Introduced Sediment Roads & Hillslope (tons/yr)	1204						
Hydrology		Q _{BKF} (cfs)	3.9535	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	429		640	211						
	Flow-Related Sediment (tons/yr)	19		2,647	2,628						
Erosion Summary	Total Introduced Sediment (tons/yr)	1,847		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				643	5	1,199	799				
	Total Flow Related Sediment (tons/yr)	2,647		Percent of Total Yield	24%	0%	45%	30%			
		☒ Degradation		☐ Aggradation							



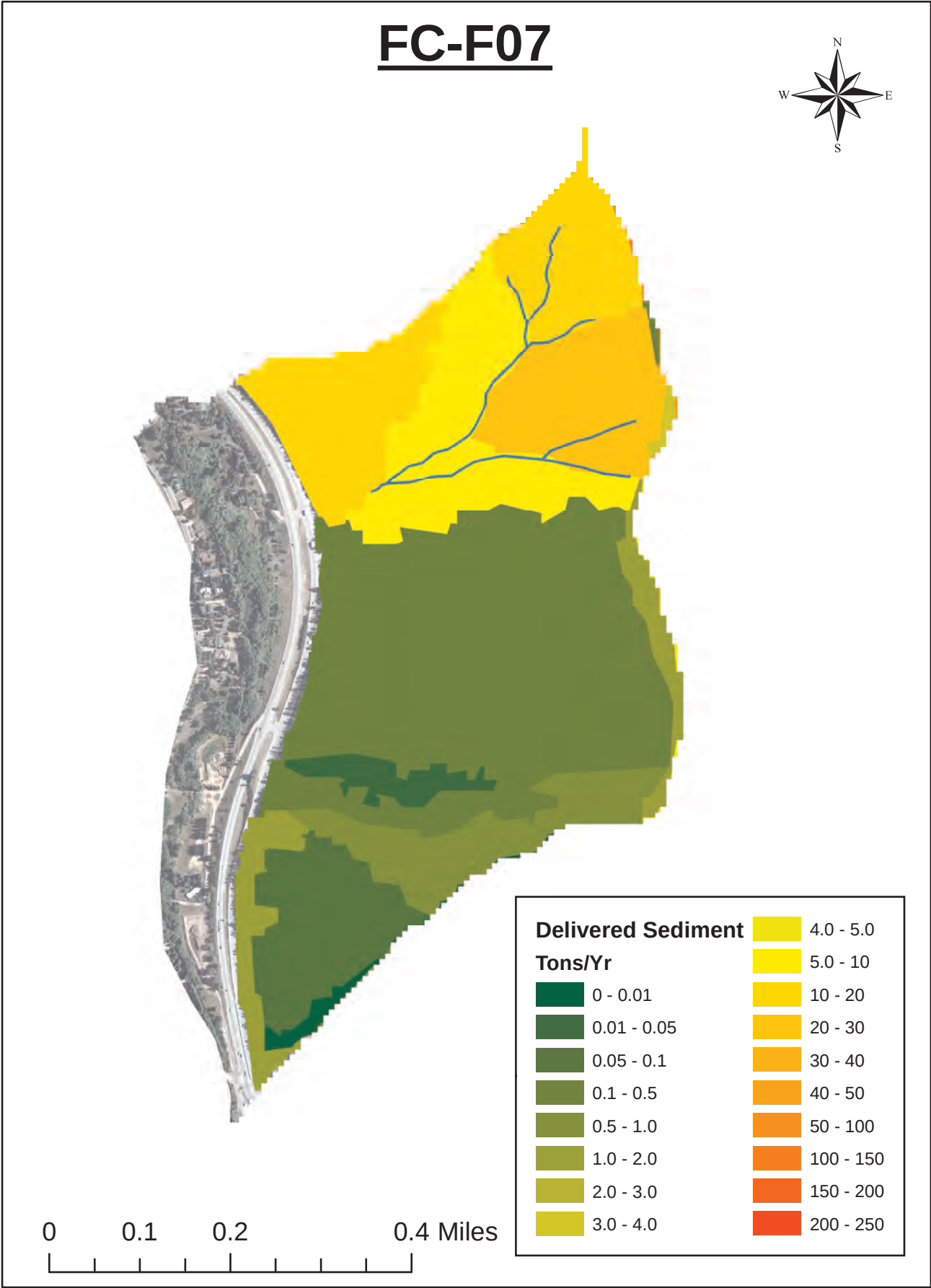


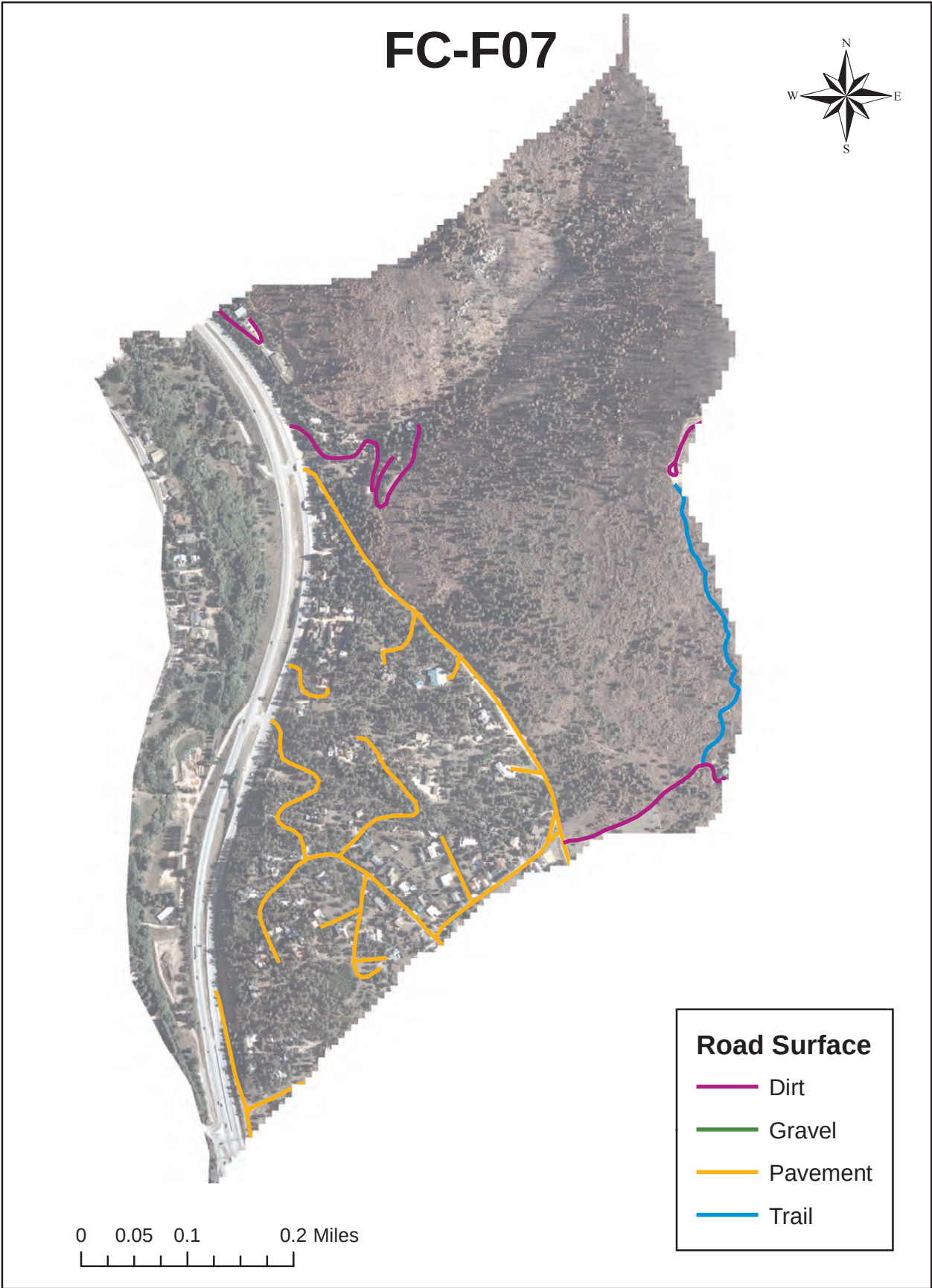


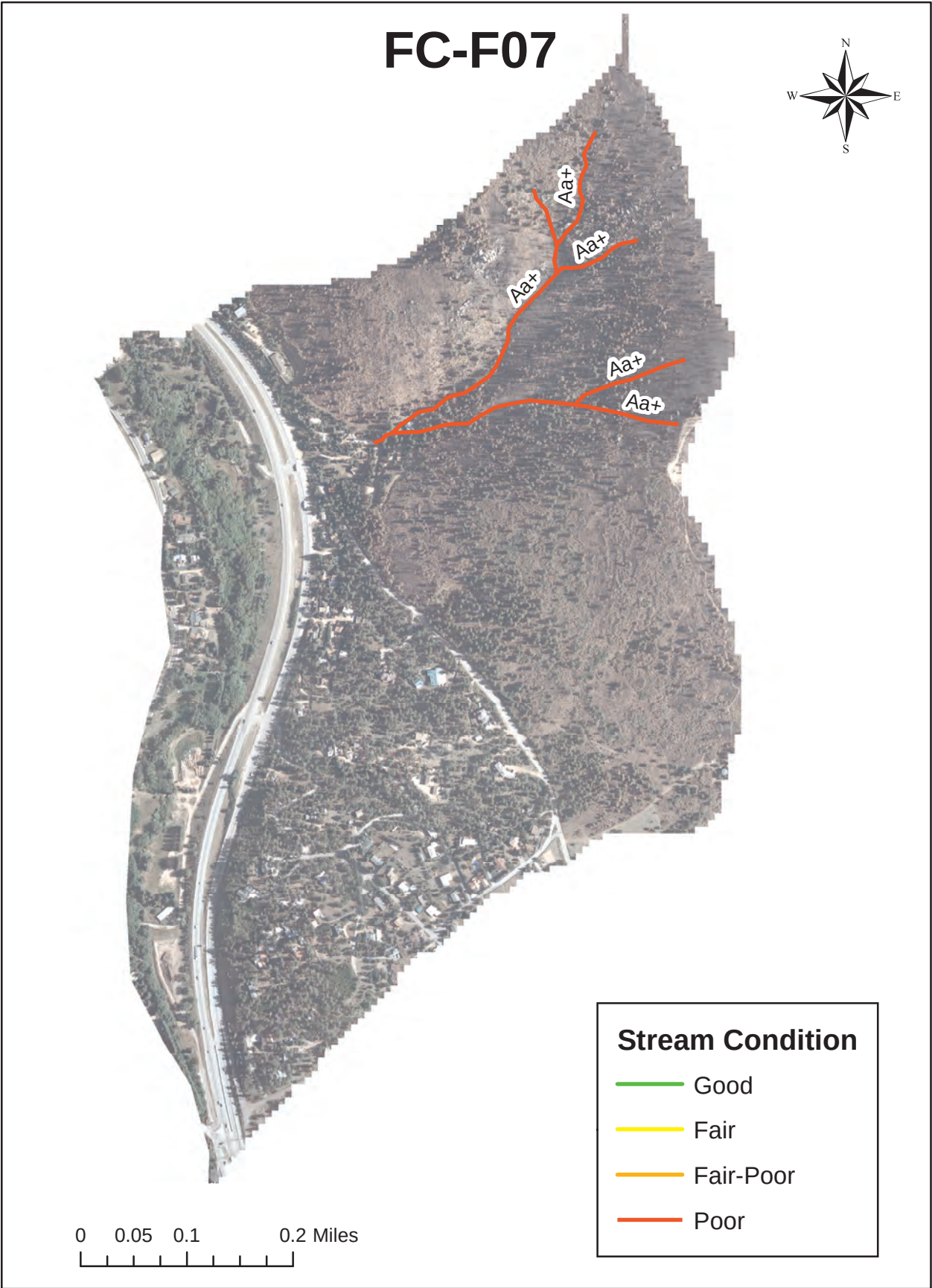


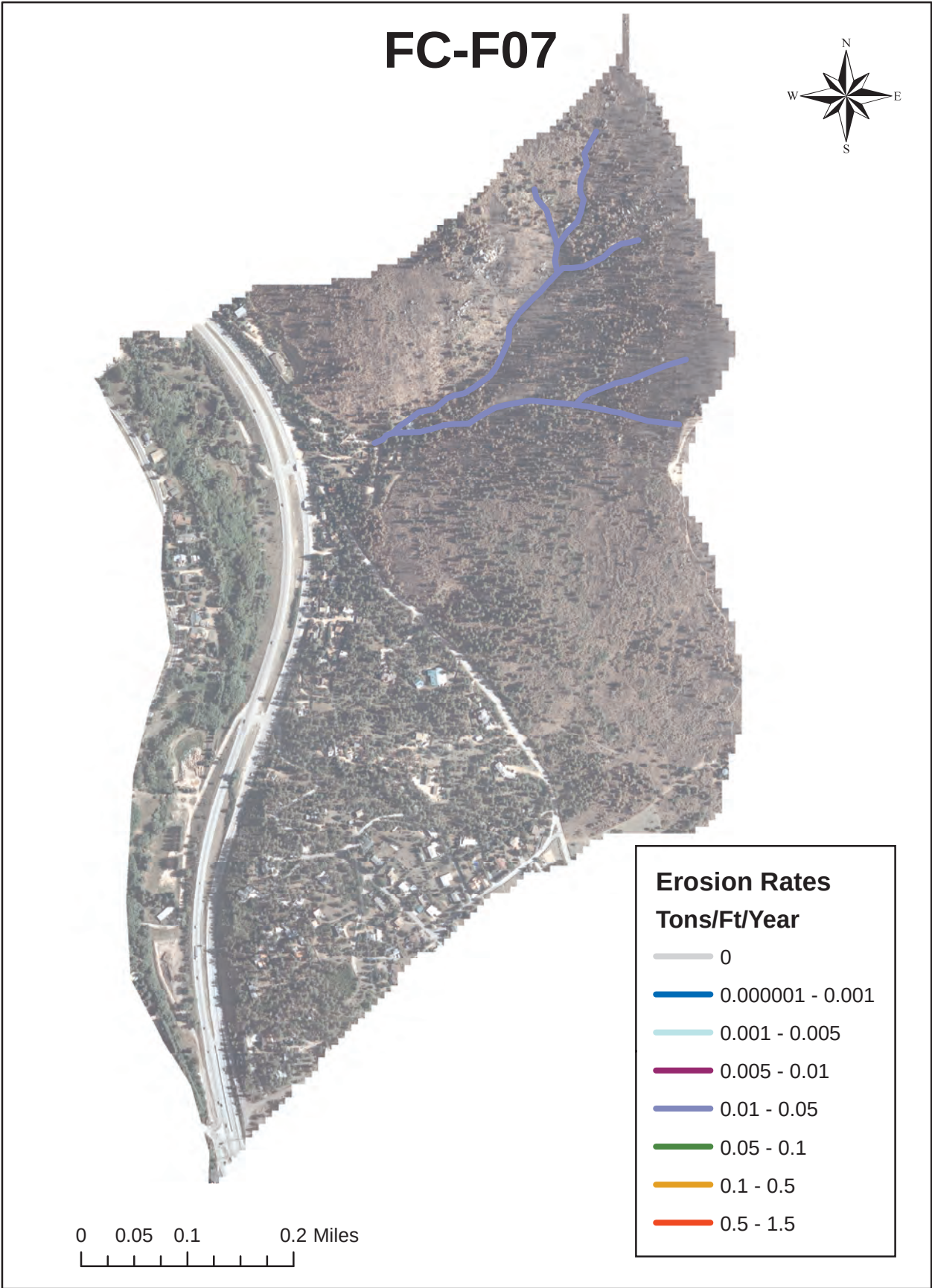
Fountain Creek, Sub-Watershed F07 (FC-F07)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F07							
Watershed Characteristics	Drainage Area (mi ²)	0.38		High	Moderate	Low	Unburned				
				Burn Severity (%)	15.0%	40.0%	15.0%	31.0%			
	Drainage Density	2.43									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	100%	Total Erosion (tons/yr)	72				
	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%	0%	
Hillslope Processes	Length of Road (ft)	15,197		Sediment from Surface Erosion (tons/yr)	76.62						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	77						
Hydrology		Q _{BKF} (cfs)	2.4953	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	271		301	31						
	Flow-Related Sediment (tons/yr)	15		1,056	1,040						
Erosion Summary	Total Introduced Sediment (tons/yr)	149		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				72	0	77	907				
	Total Flow Related Sediment (tons/yr)	1,056		Percent of Total Yield	7%	0%	7%	86%			
		☒ Degradation		☐ Aggradation							



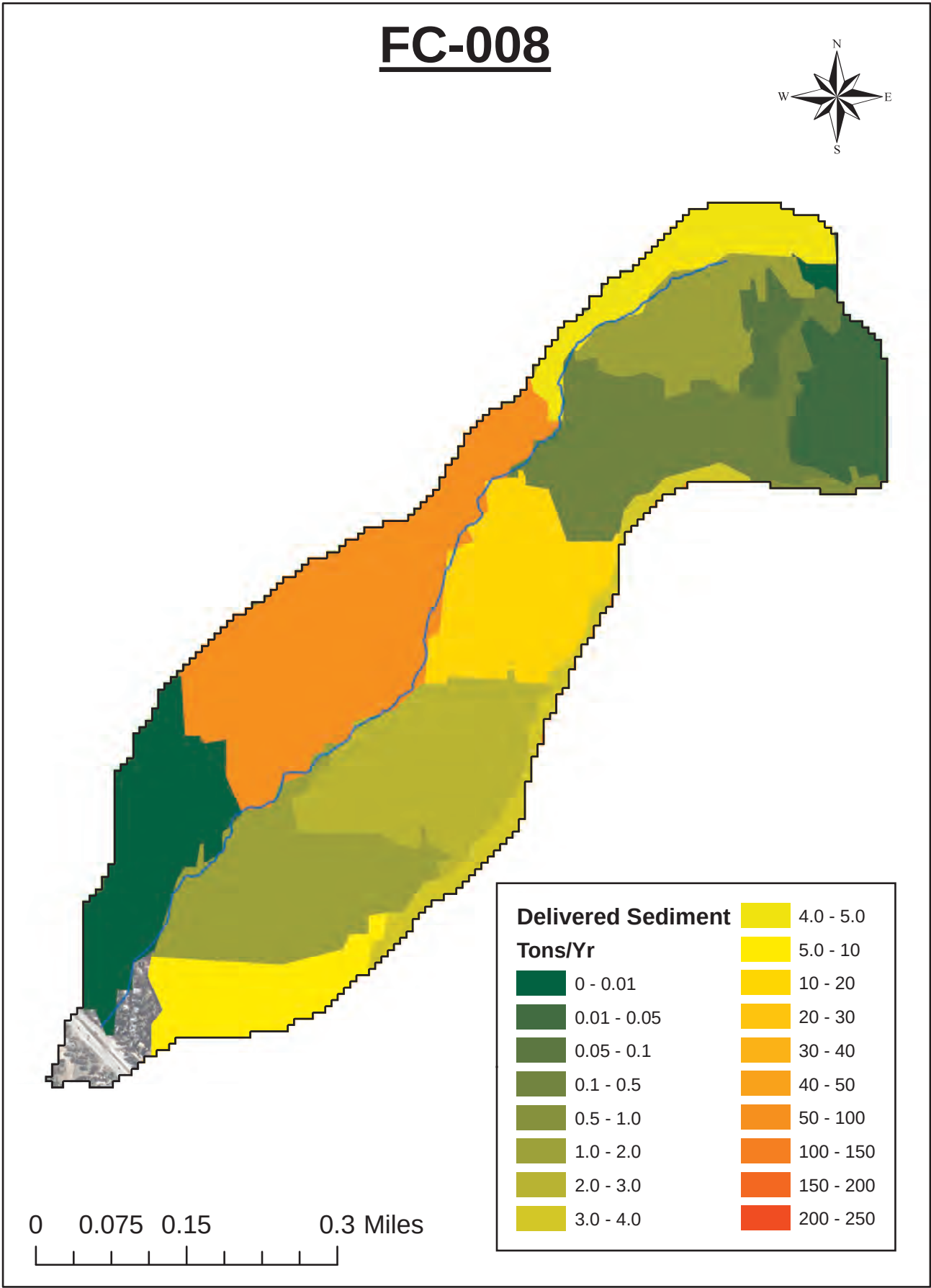


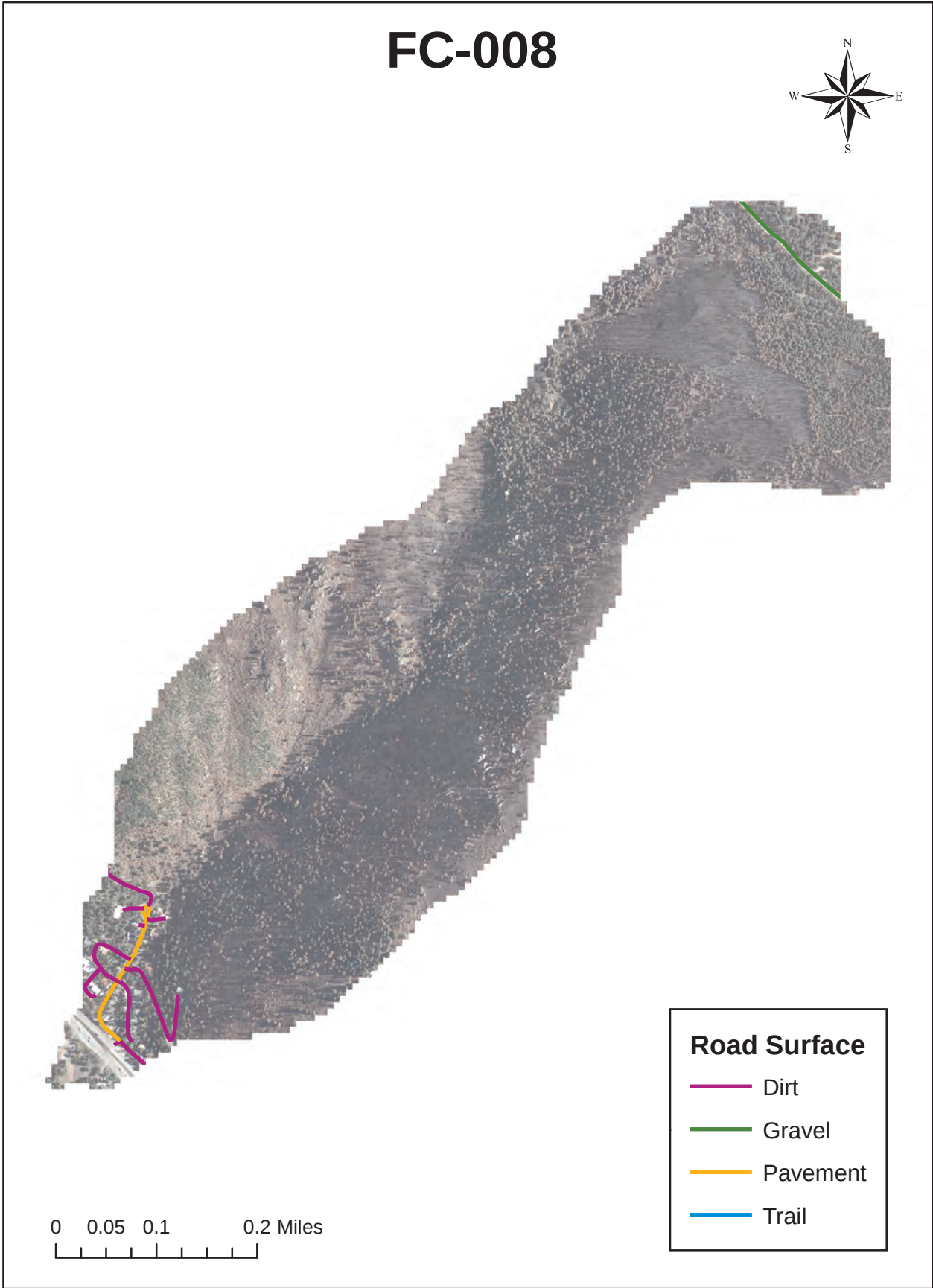


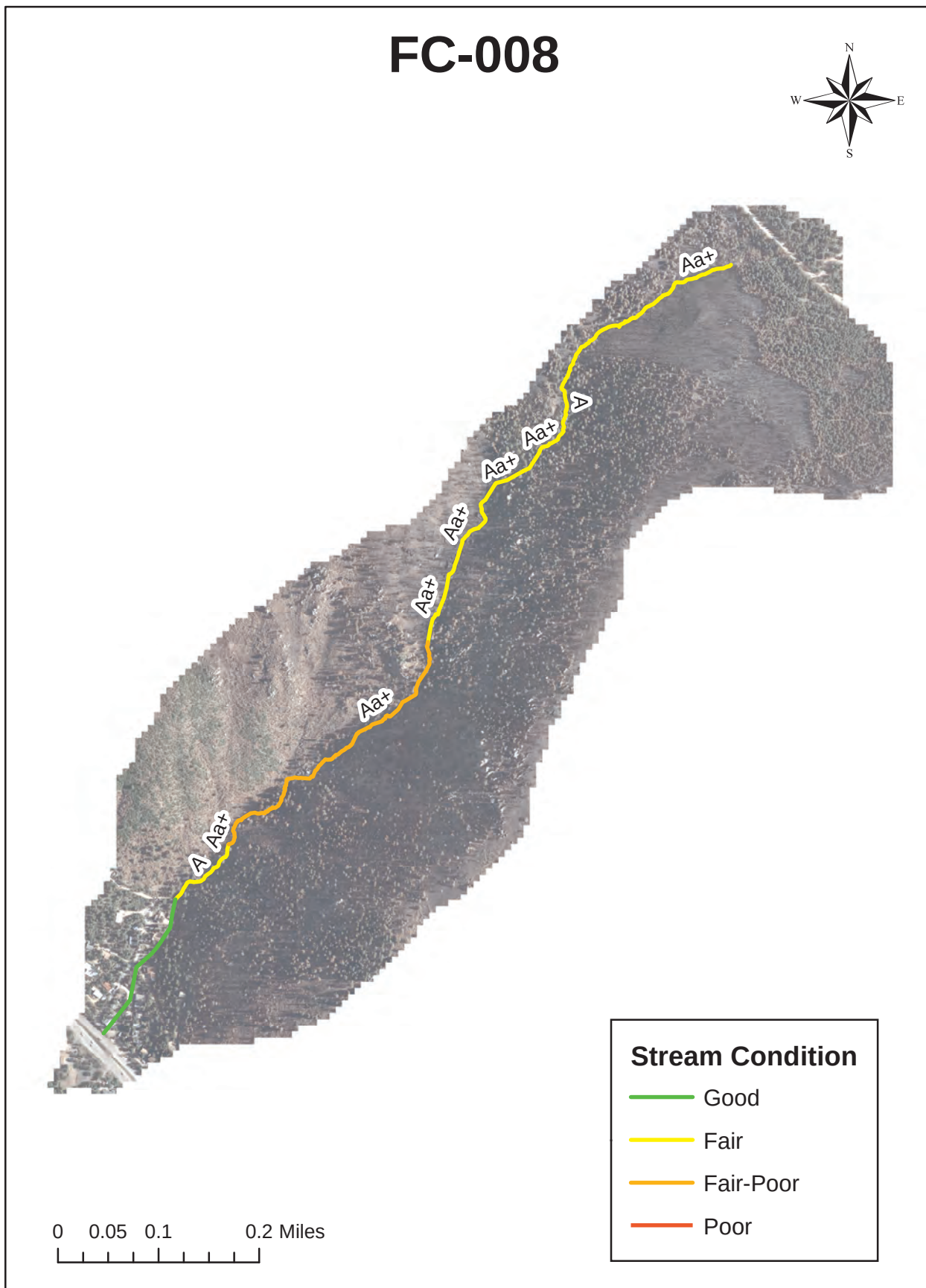


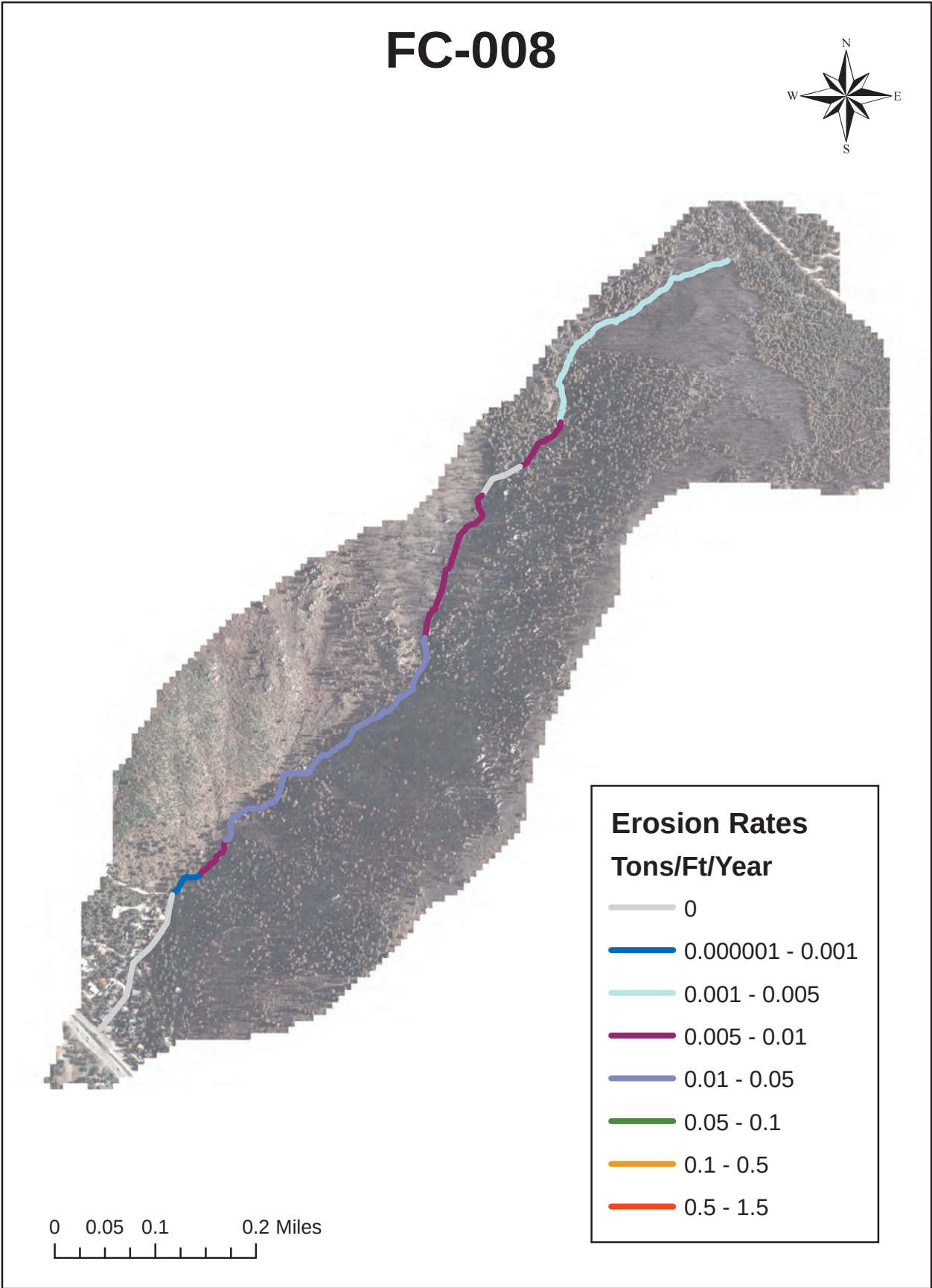
Fountain Creek, Sub-Watershed 008 (FC-008)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-008							
Watershed Characteristics	Drainage Area (mi ²)	0.28		High	Moderate	Low	Unburned				
				Burn Severity (%)	2.0%	3.0%	5.0%	90.0%			
	Drainage Density	4.01									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		71%	11%	0%	0%	17%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	14%	57%	29%	0%	Total Erosion (tons/yr)	84				
	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	18%	3%	24%	25%	29%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	4,166		Sediment from Surface Erosion (tons/yr)		82.36					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		82					
Hydrology		Q _{BKF} (cfs)	2.031	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			220	283	63					
	Flow-Related Sediment (tons/yr)			14	559	546					
Erosion Summary	Total Introduced Sediment (tons/yr)	167		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				84	0	82	393				
	Total Flow Related Sediment (tons/yr)	559		Percent of Total Yield	15%	0%	15%	70%			
☒ Degradation ☐ Aggradation											



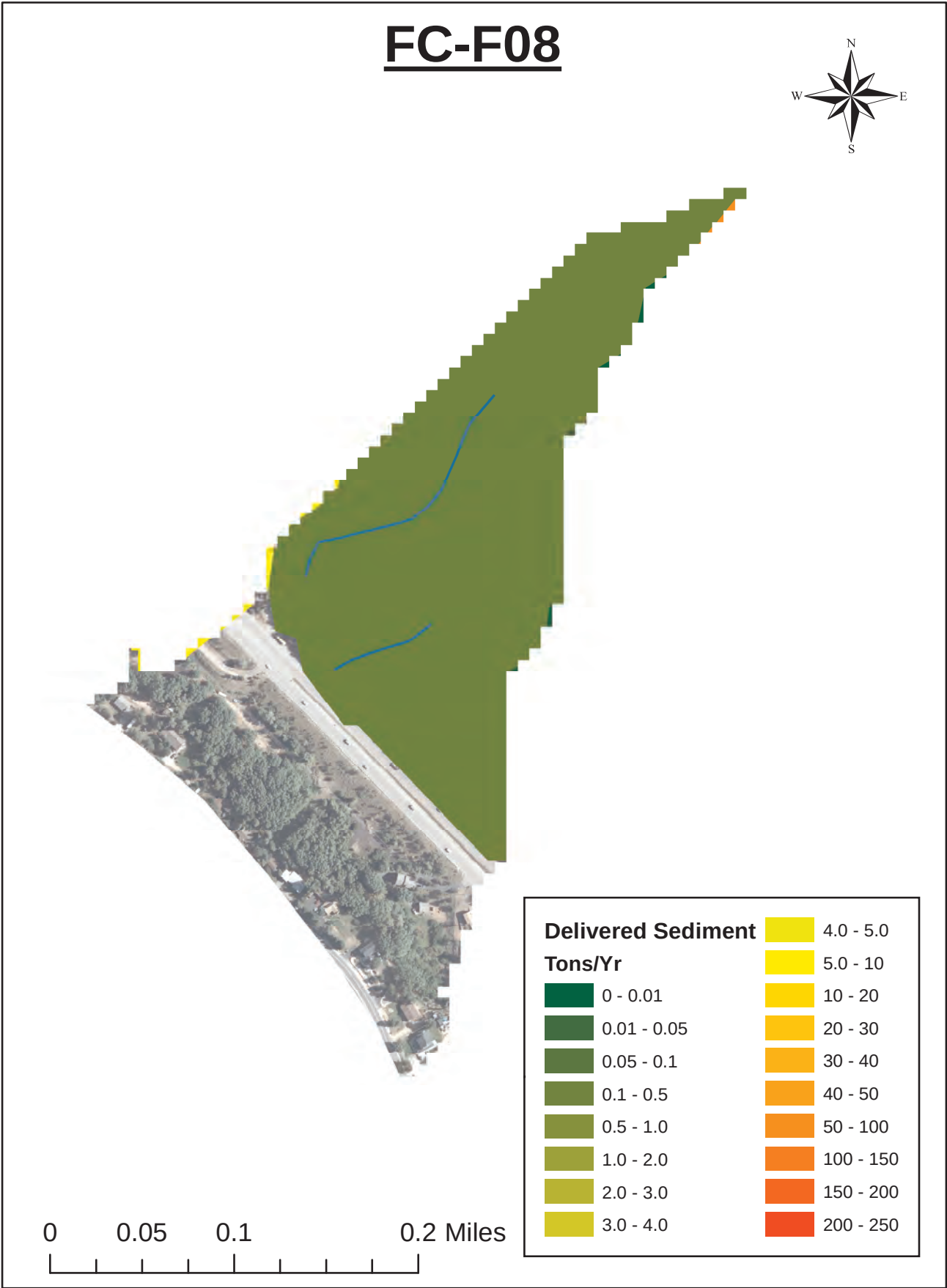


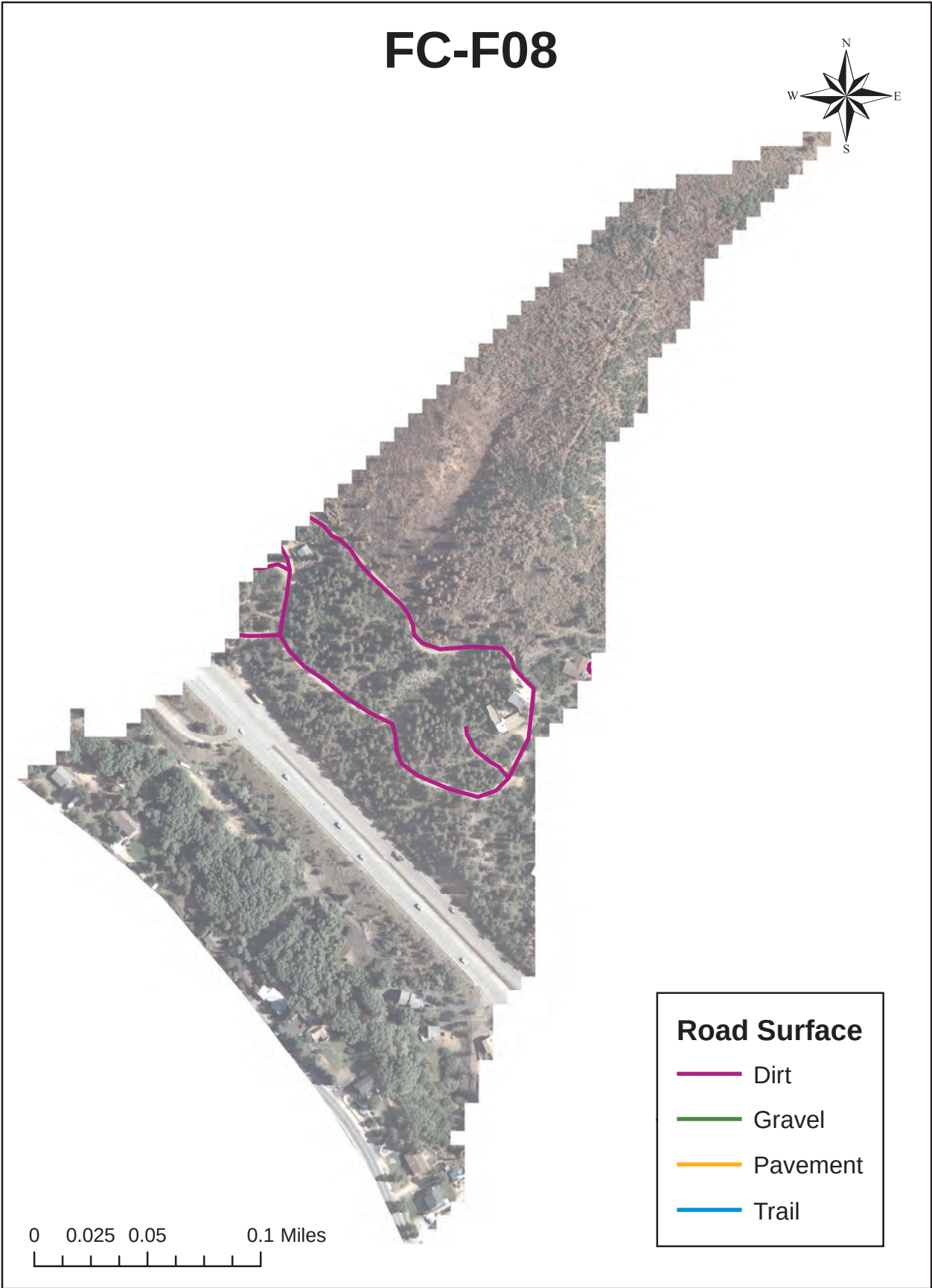


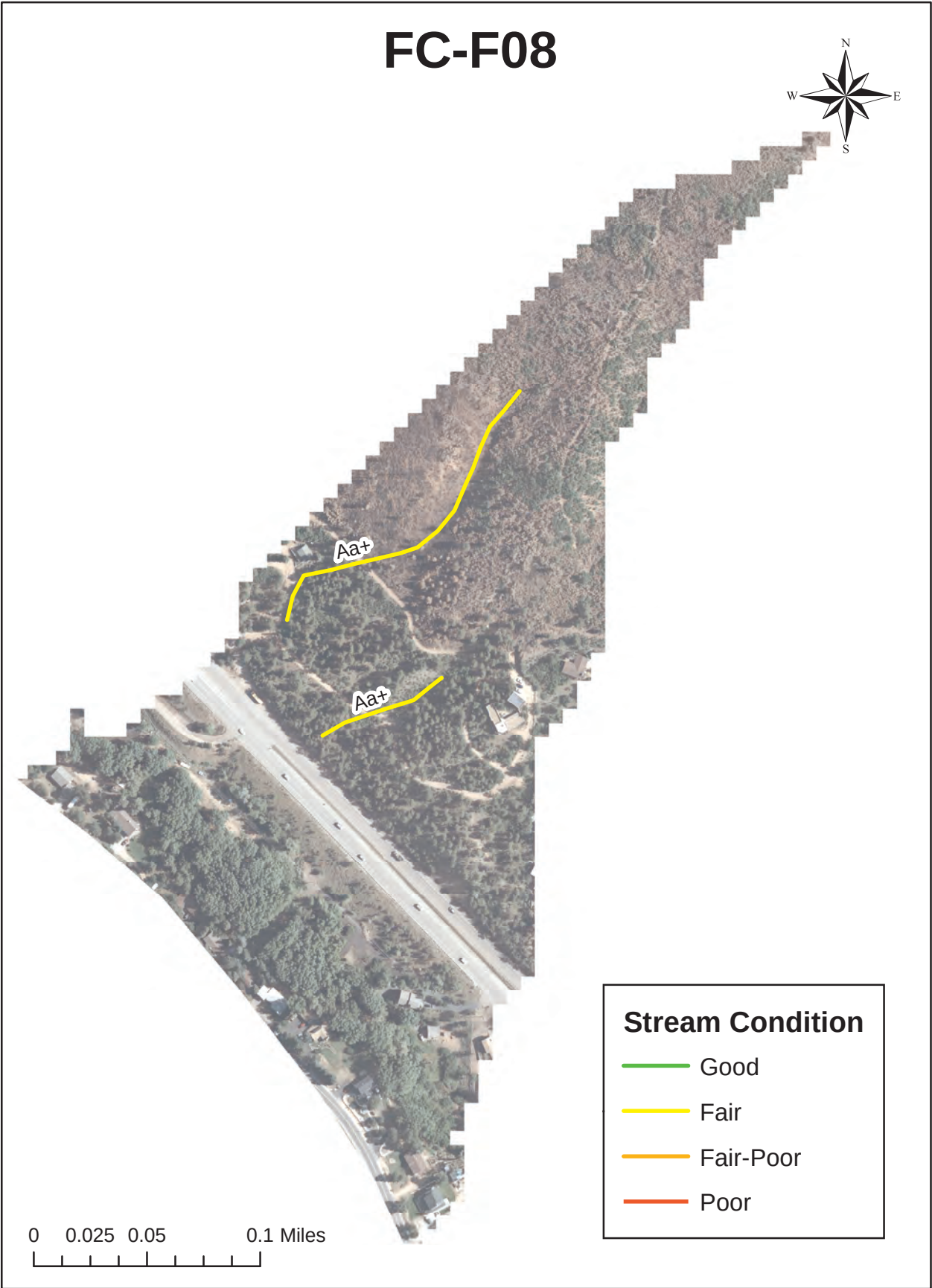


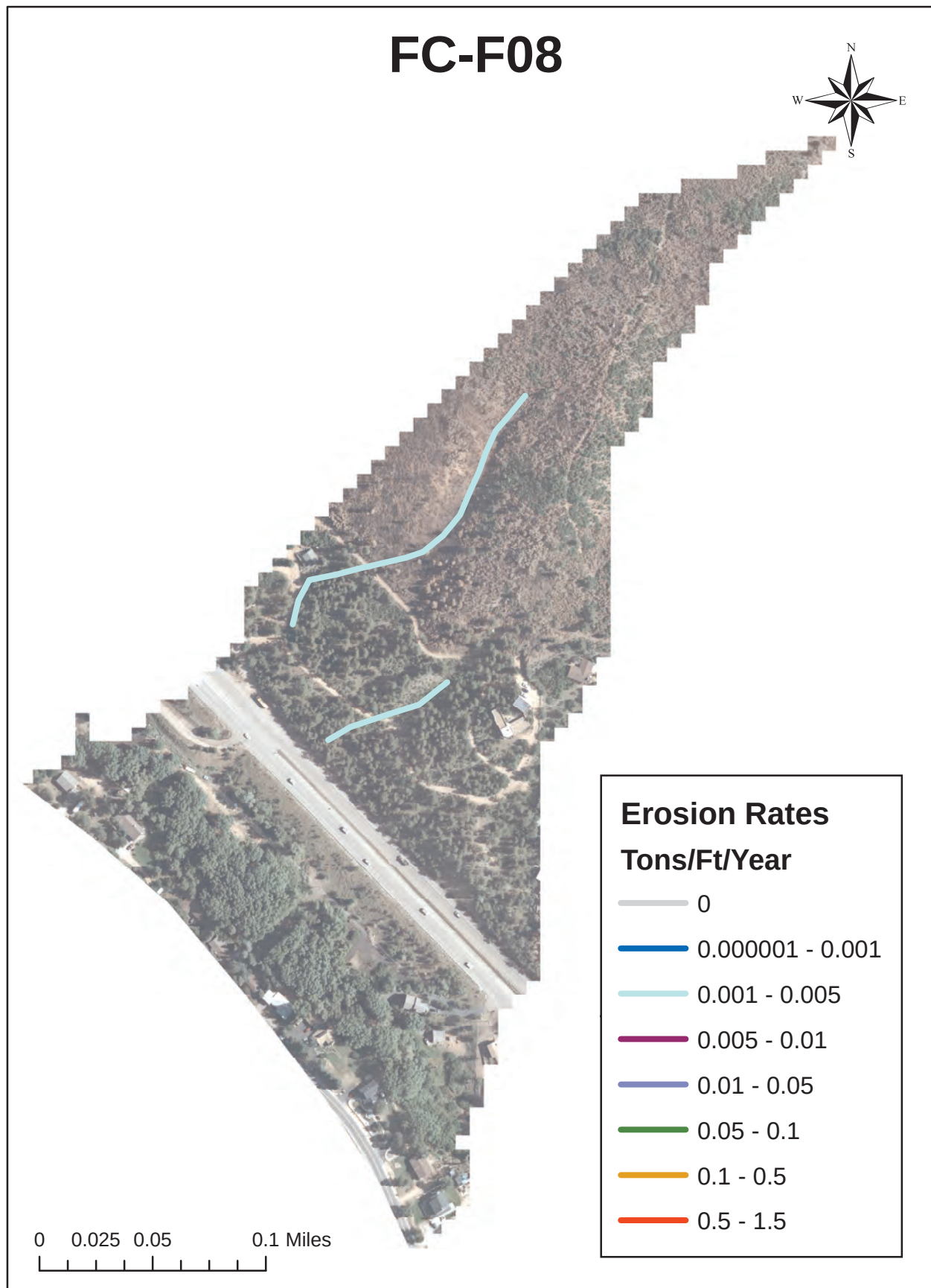
Fountain Creek, Sub-Watershed F08 (FC-F08)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F08							
Watershed Characteristics	Drainage Area (mi ²)	0.06		High	Moderate	Low	Unburned				
				Burn Severity (%)	11.0%	62.0%	16.0%	11.0%			
	Drainage Density	3.85									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	2,201		Sediment from Surface Erosion (tons/yr)	0.59						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	1						
Hydrology		Q _{BKF} (cfs)	0.7067	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	77		78	1						
	Flow-Related Sediment (tons/yr)	9		155	146						
Erosion Summary	Total Introduced Sediment (tons/yr)	3		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					3	0	1	151			
	Total Flow Related Sediment (tons/yr)	155		Percent of Total Yield	2%	0%	0%	98%			
		☒ Degradation		☐ Aggradation							



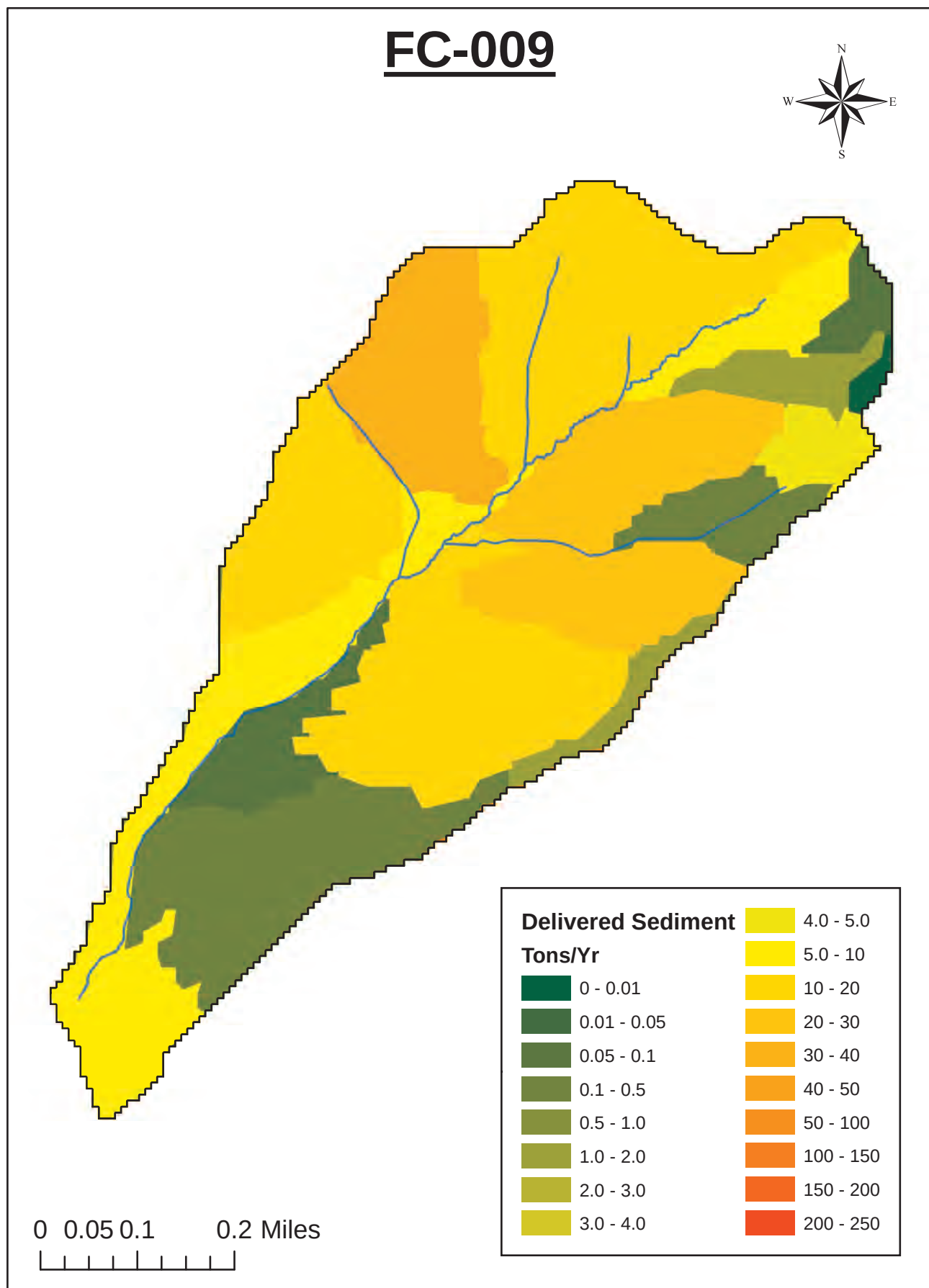


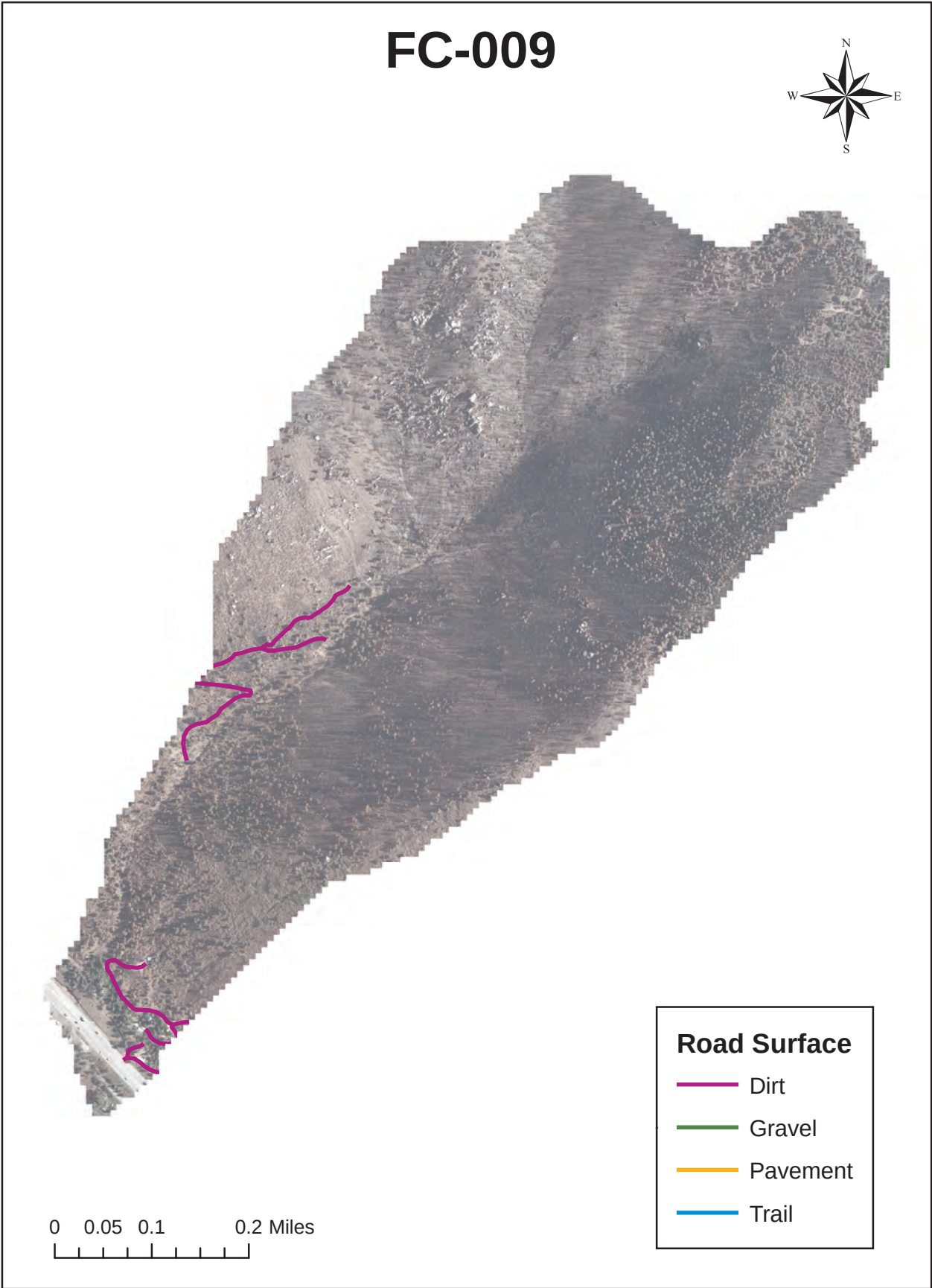


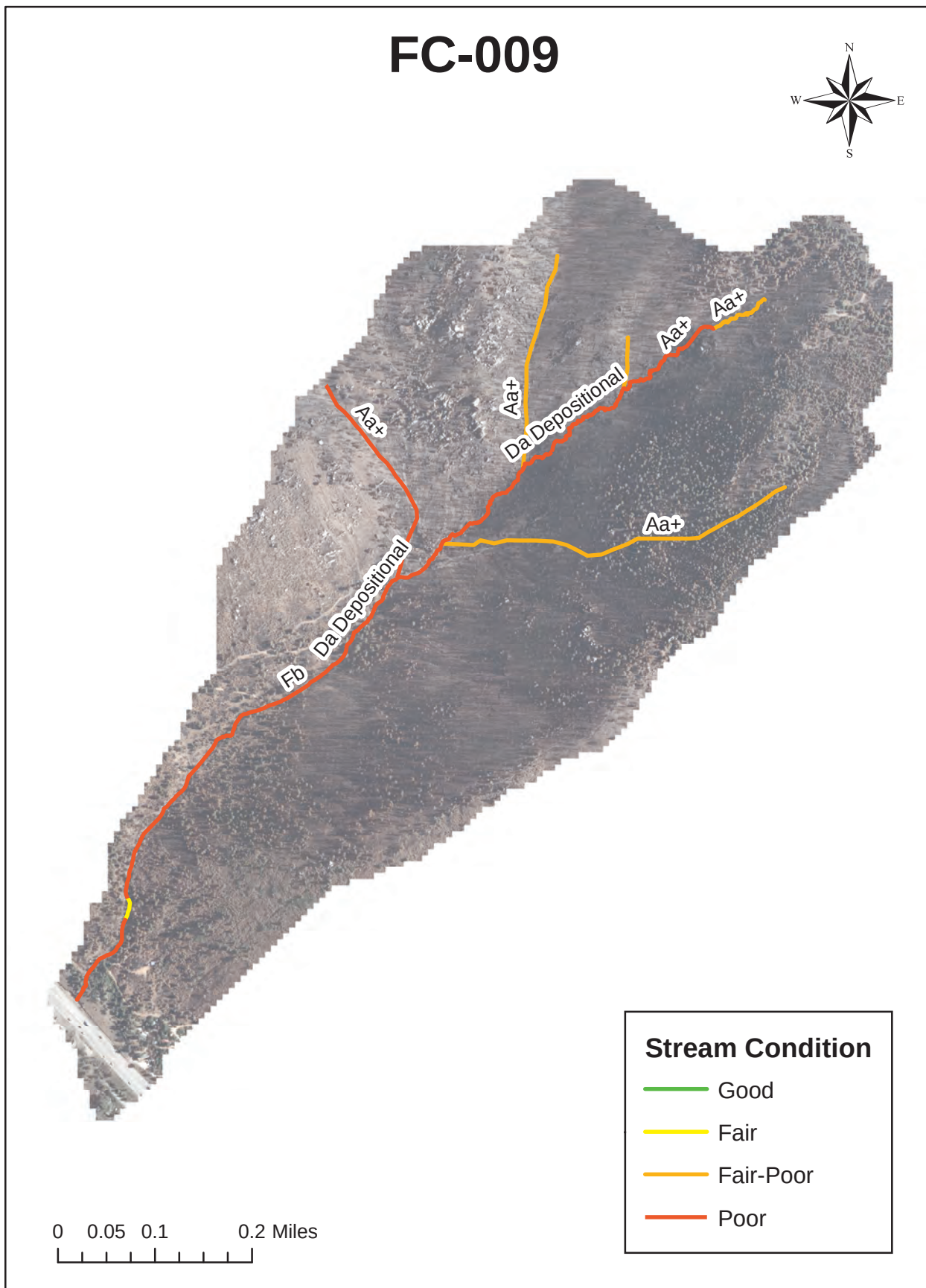


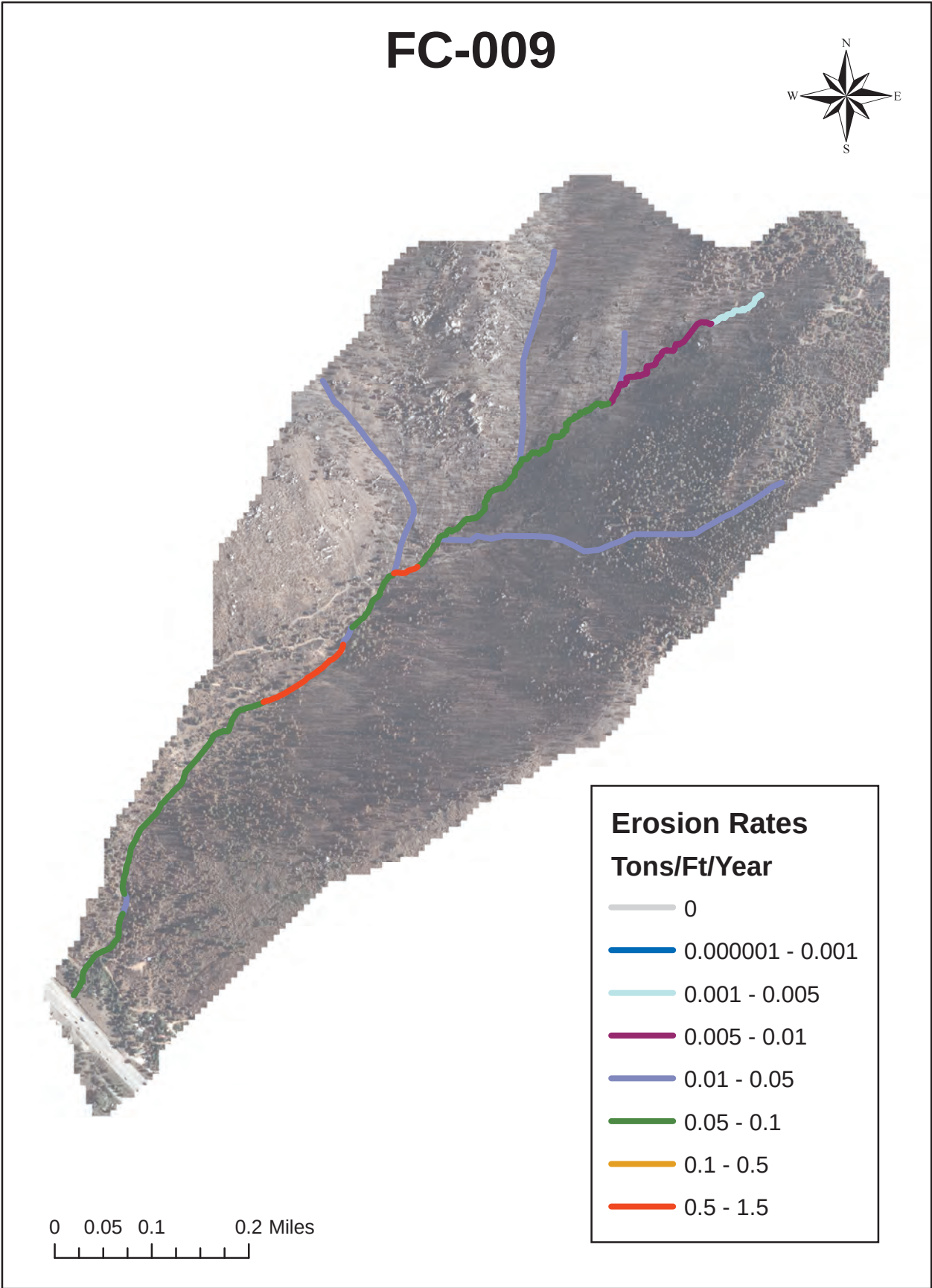
Fountain Creek, Sub-Watershed 009 (FC-009)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-009								
Watershed Characteristics	Drainage Area (mi ²)	0.37		High	Moderate	Low	Unburned					
				Burn Severity (%)	0.0%	20.0%	29.0%	51.0%				
	Drainage Density	5.23										
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G	
		56%	1%	0%	0%	0%	37%	0%	0%	6%	0%	
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	1%	35%	64%	Total Erosion (tons/yr)		1,009			
			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%	4%	9%	48%	39%	0%	1%	0%	
Hillslope Processes	Length of Road (ft)		3,651		Sediment from Surface Erosion (tons/yr)		242.88					
	Total Sediment from Roads (tons/yr)		0.00		Introduced Sediment Roads & Hillslope (tons/yr)		243					
Hydrology			Q _{BKF} (cfs)	2.4634	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		267		359	92						
	Flow-Related Sediment (tons/yr)		15		1,407	1,392						
Erosion Summary	Total Introduced Sediment (tons/yr)		1,252		Banks	Roads	Surface Erosion	Streambed				
	Total Flow Related Sediment (tons/yr)		1,407		Sediment (tons/yr)	1,009	0	243	155			
			Percent of Total Yield		72%	0%	17%	11%				
				☒ Degradation		☐ Aggradation						



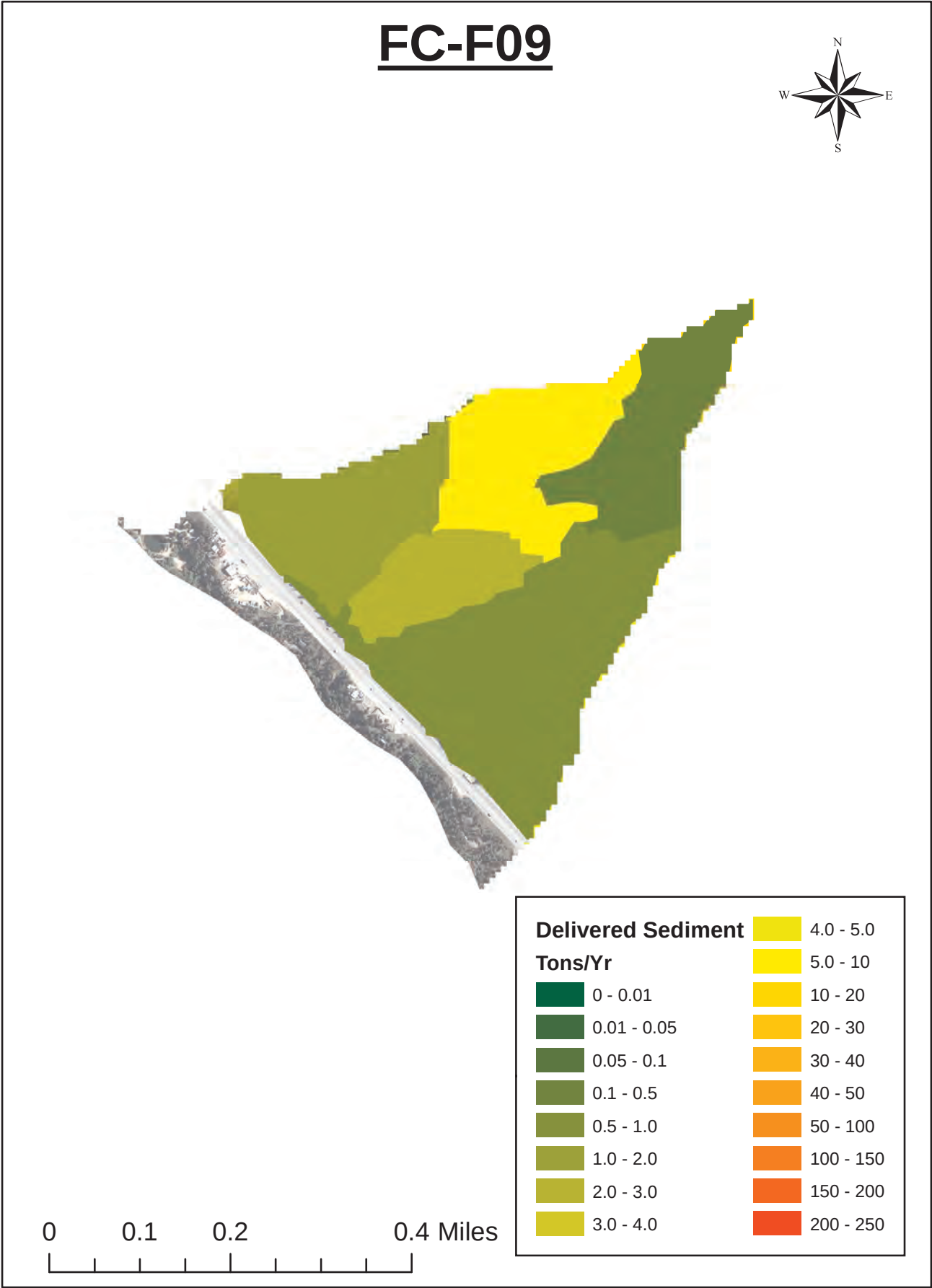


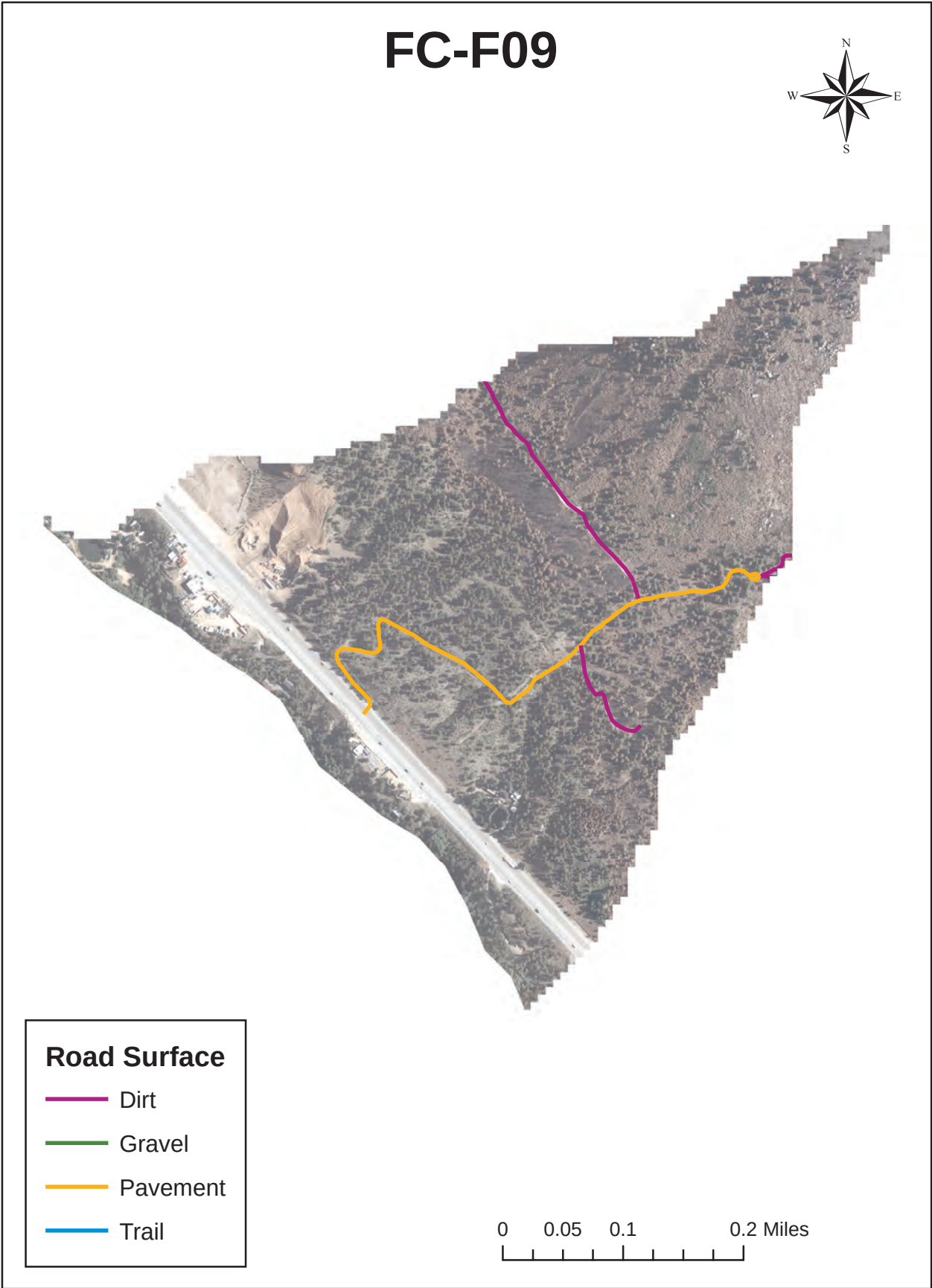




Fountain Creek, Sub-Watershed F09 (FC-F09)

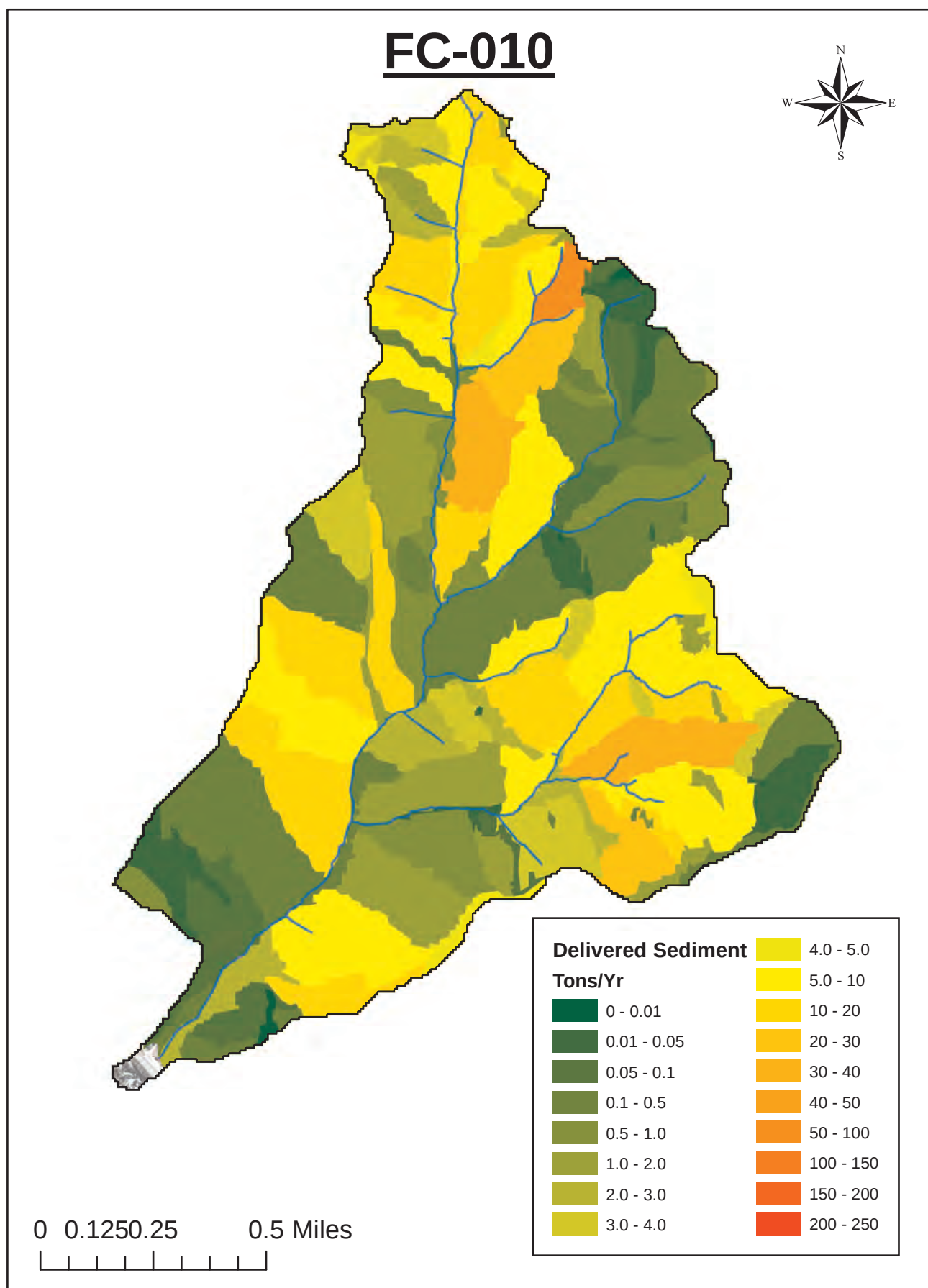
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F09							
Watershed Characteristics	Drainage Area (mi ²)	0.18		High	Moderate	Low	Unburned				
				Burn Severity (%)	2.0%	37.0%	49.0%	12.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	4,678		Sediment from Surface Erosion (tons/yr)	18.63						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	19						
Hydrology	Q _{BKF} (cfs)	1.5481		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	168		N/A	N/A						
	Flow-Related Sediment (tons/yr)	12		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	19		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	0	0	19	N/A			
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
					☐ Degradation ☐ Aggradation						

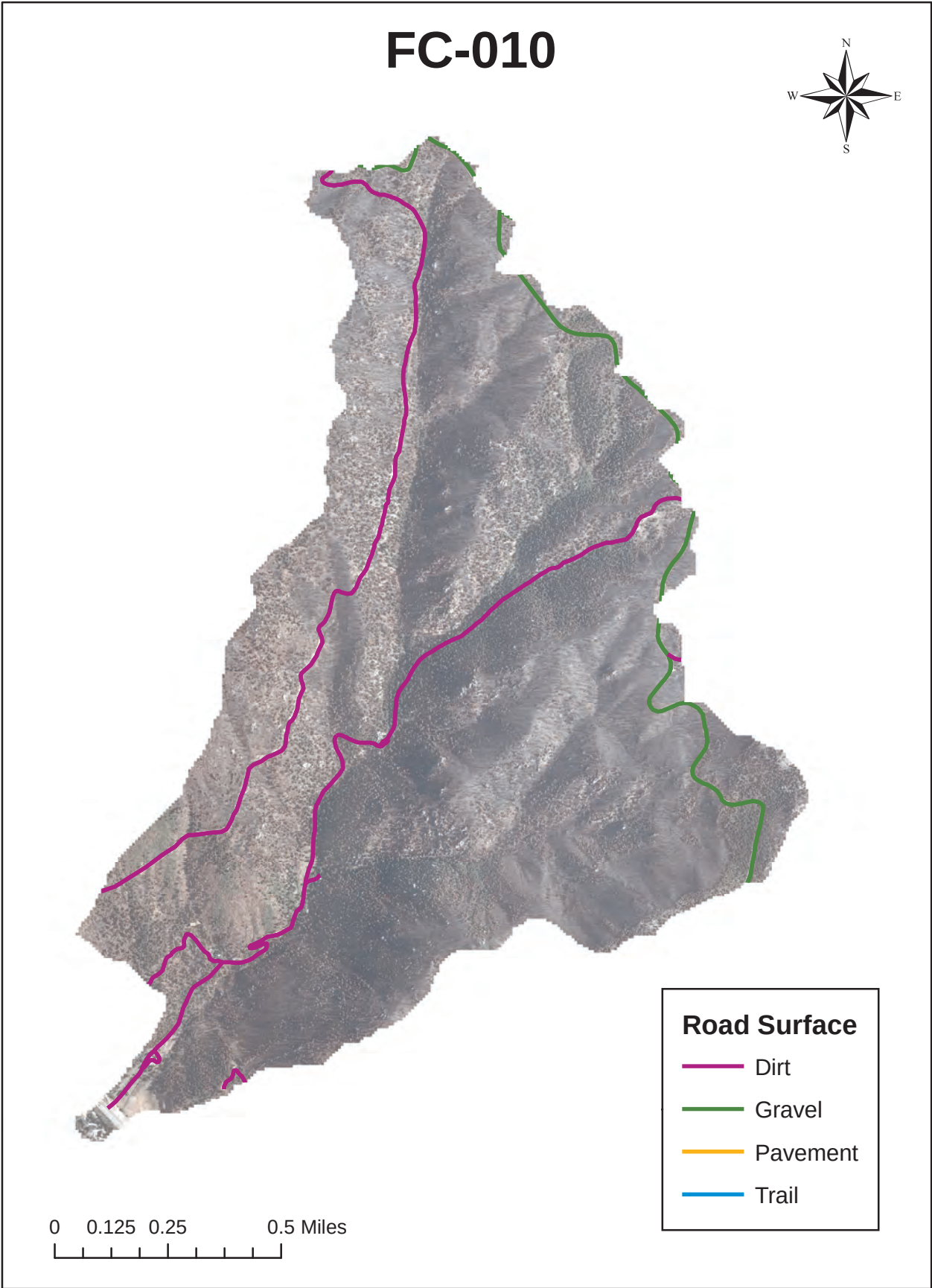


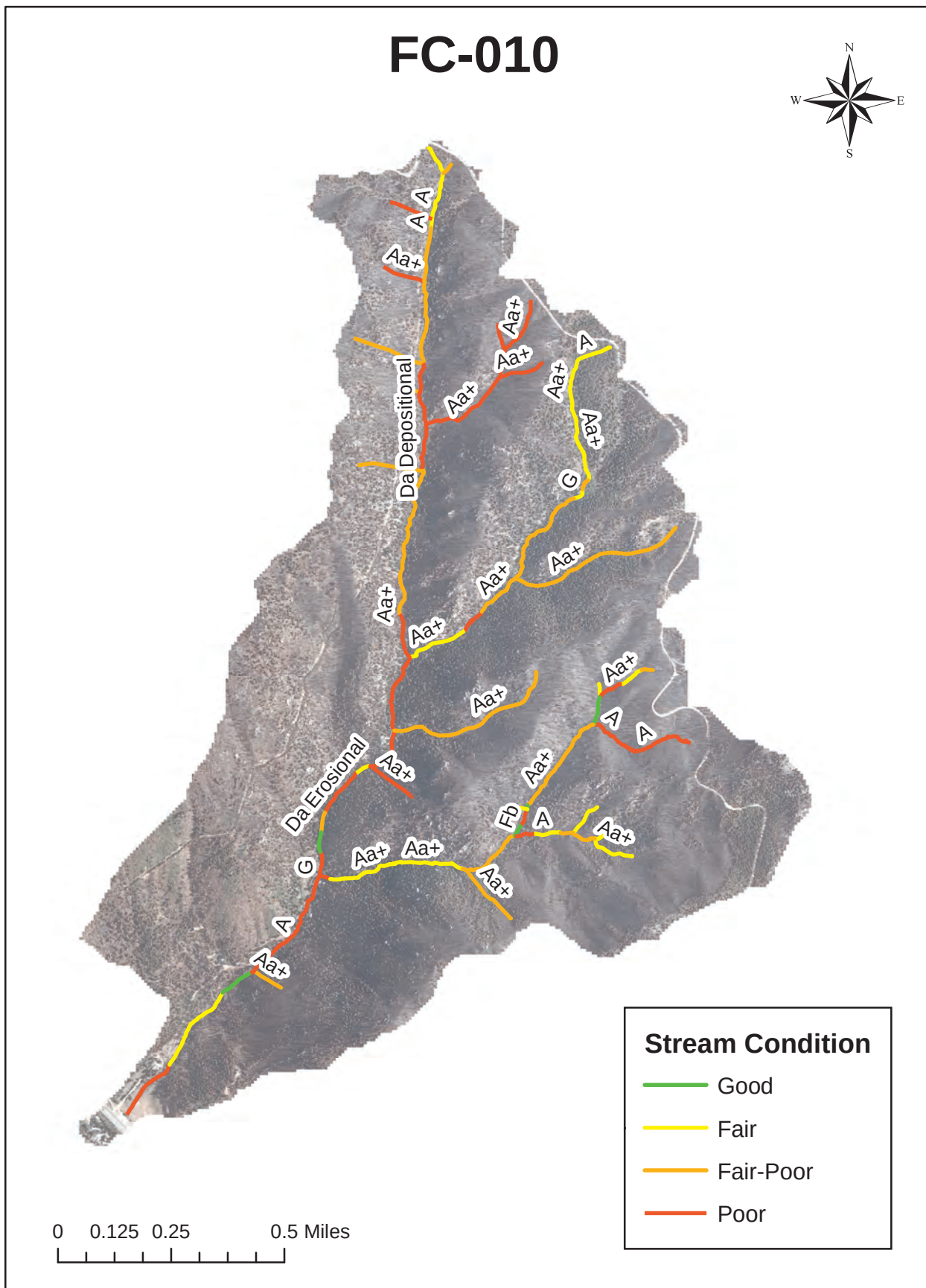


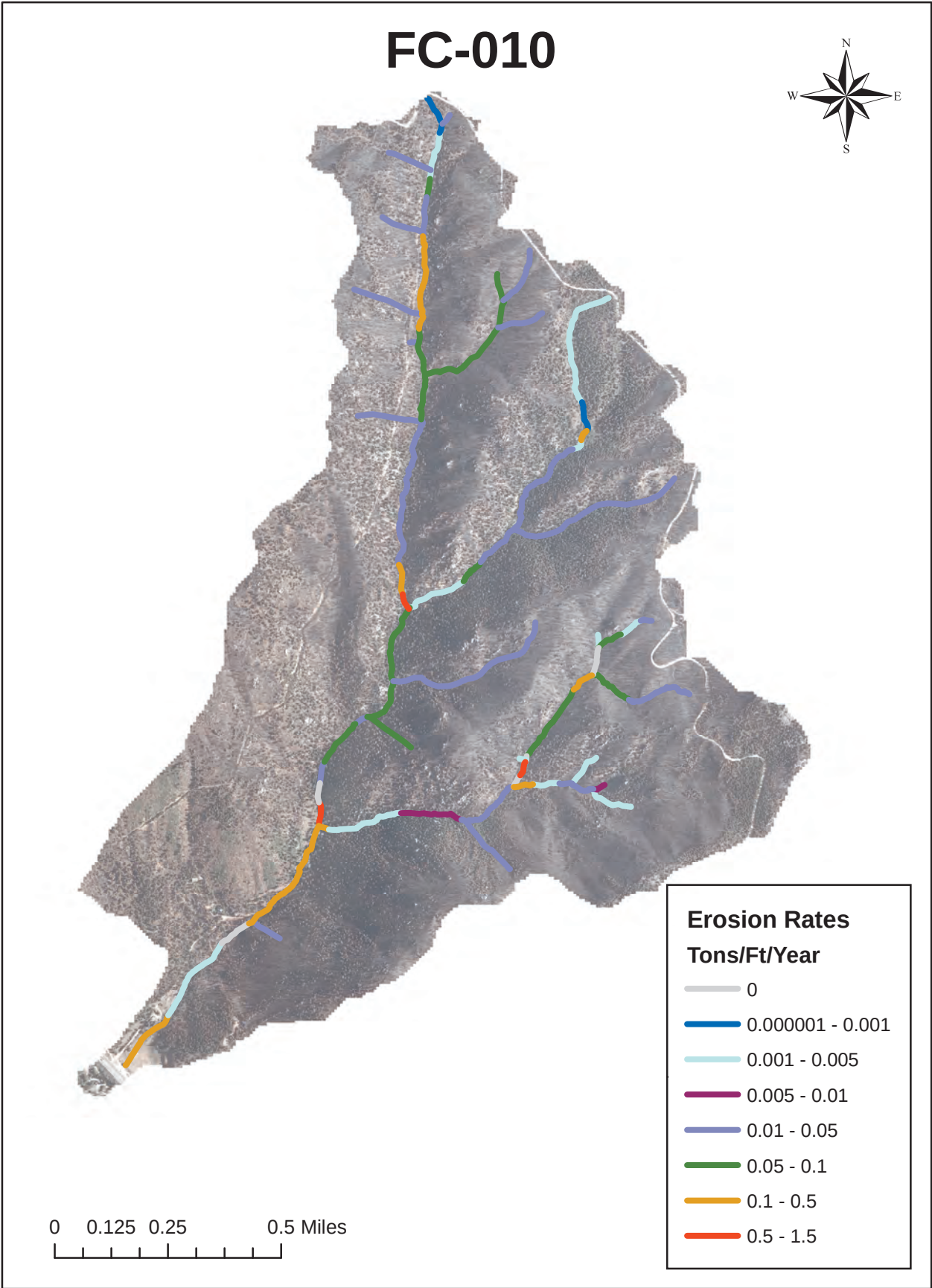
Fountain Creek, Sub-Watershed 010 (FC-010)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-010							
Watershed Characteristics	Drainage Area (mi ²)	1.73		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	7.0%	24.0%	69.0%			
	Drainage Density	4.25									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		56%	10%	0%	0%	16%	16%	0%	0%	1%	1%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	3%	22%	40%	35%	Total Erosion (tons/yr)	2,399				
	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%	2%	15%	2%	47%	19%	12%	0%	0%	
Hillslope Processes	Length of Road (ft)	35,534		Sediment from Surface Erosion (tons/yr)	624.78						
	Total Sediment from Roads (tons/yr)	395.28		Introduced Sediment Roads & Hillslope (tons/yr)	1020						
Hydrology	Q _{BKF} (cfs)	6.7436		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			732	1,153	421					
	Flow-Related Sediment (tons/yr)			26	4,863	4,837					
Erosion Summary	Total Introduced Sediment (tons/yr)	3,419		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	2,399	395	625	1,444			
	Total Flow Related Sediment (tons/yr)	4,863		Percent of Total Yield	49%	8%	13%	30%			
☒ Degradation ☐ Aggradation											



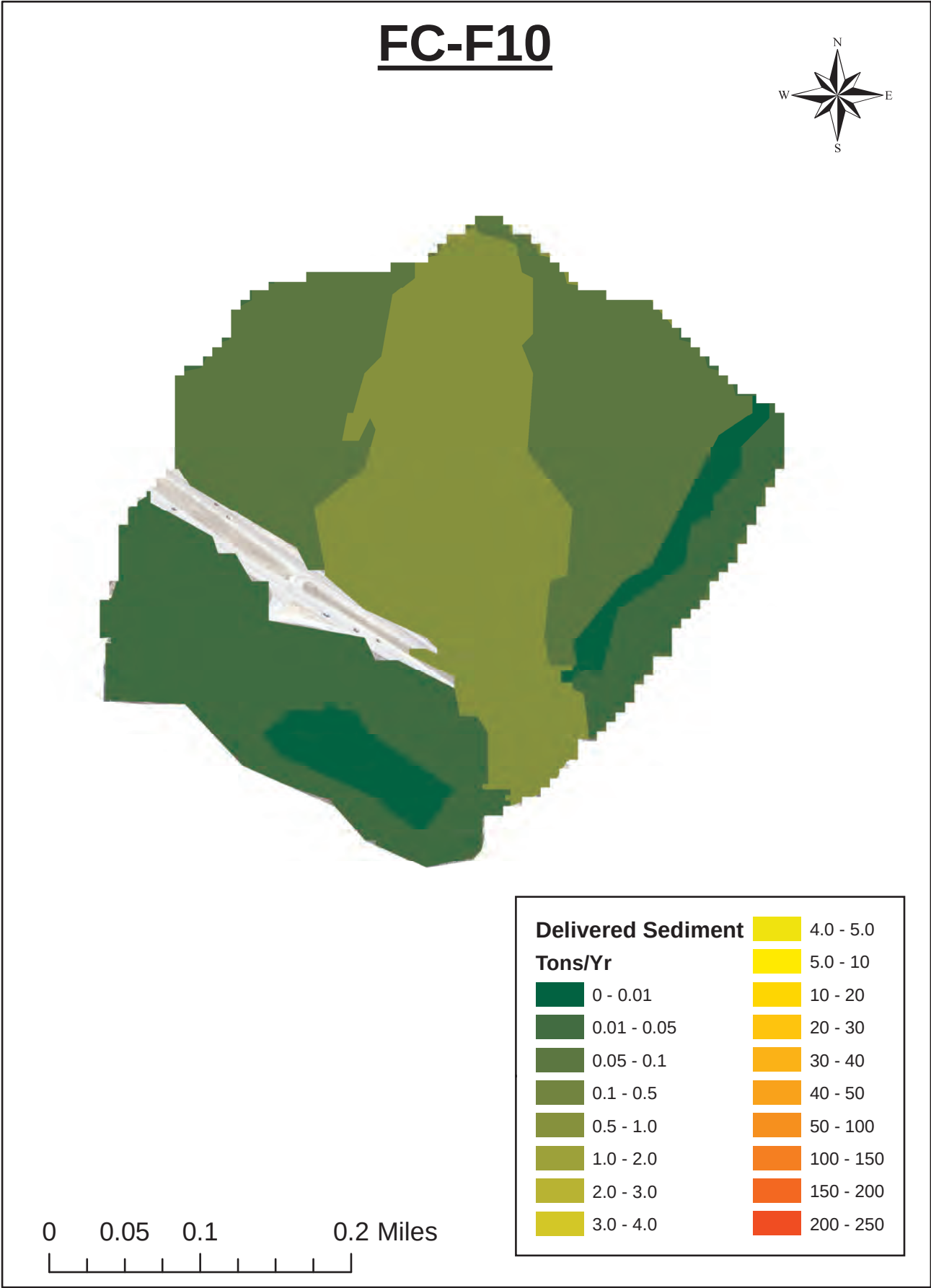


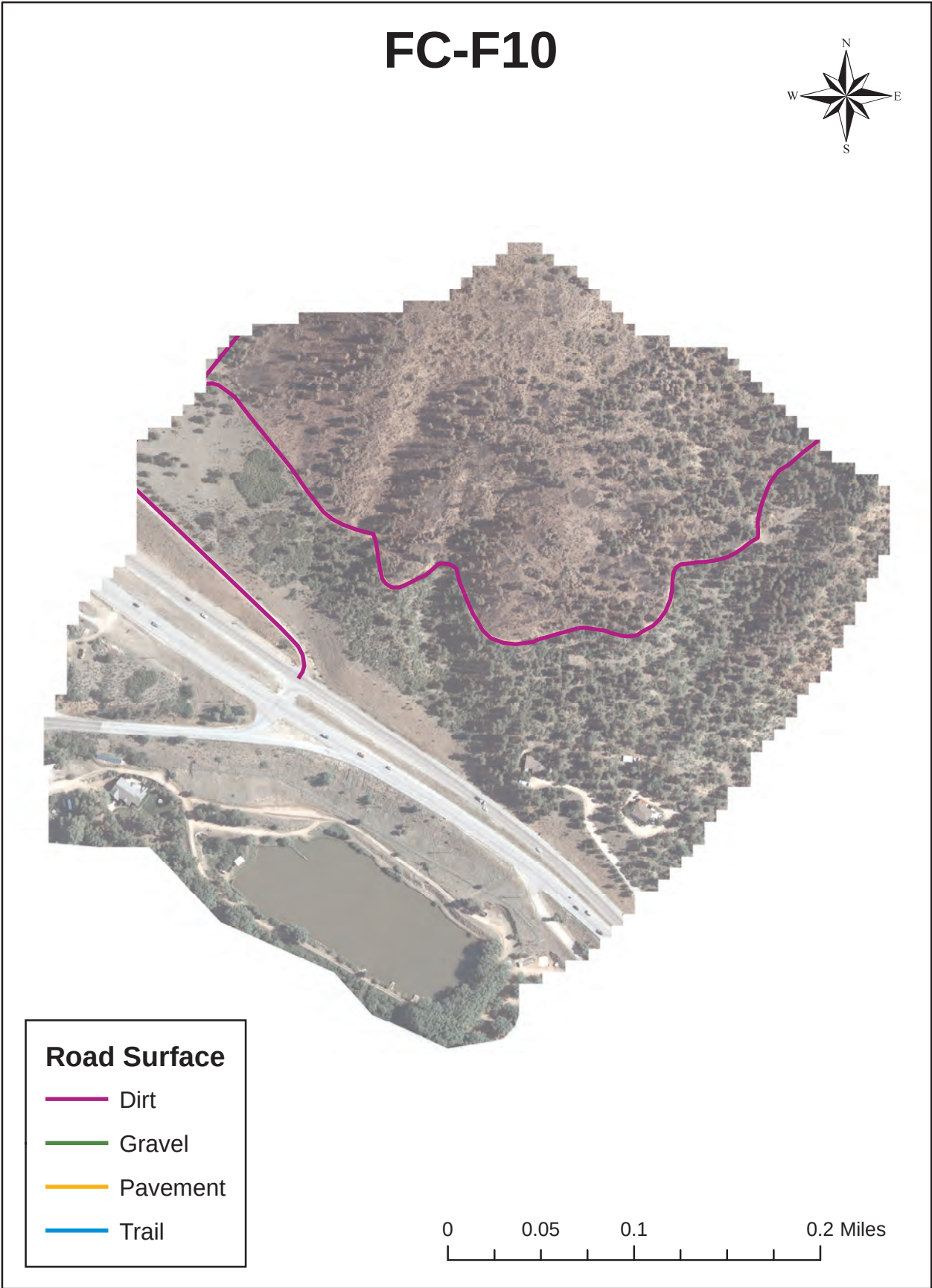




Fountain Creek, Sub-Watershed F10 (FC-F10)

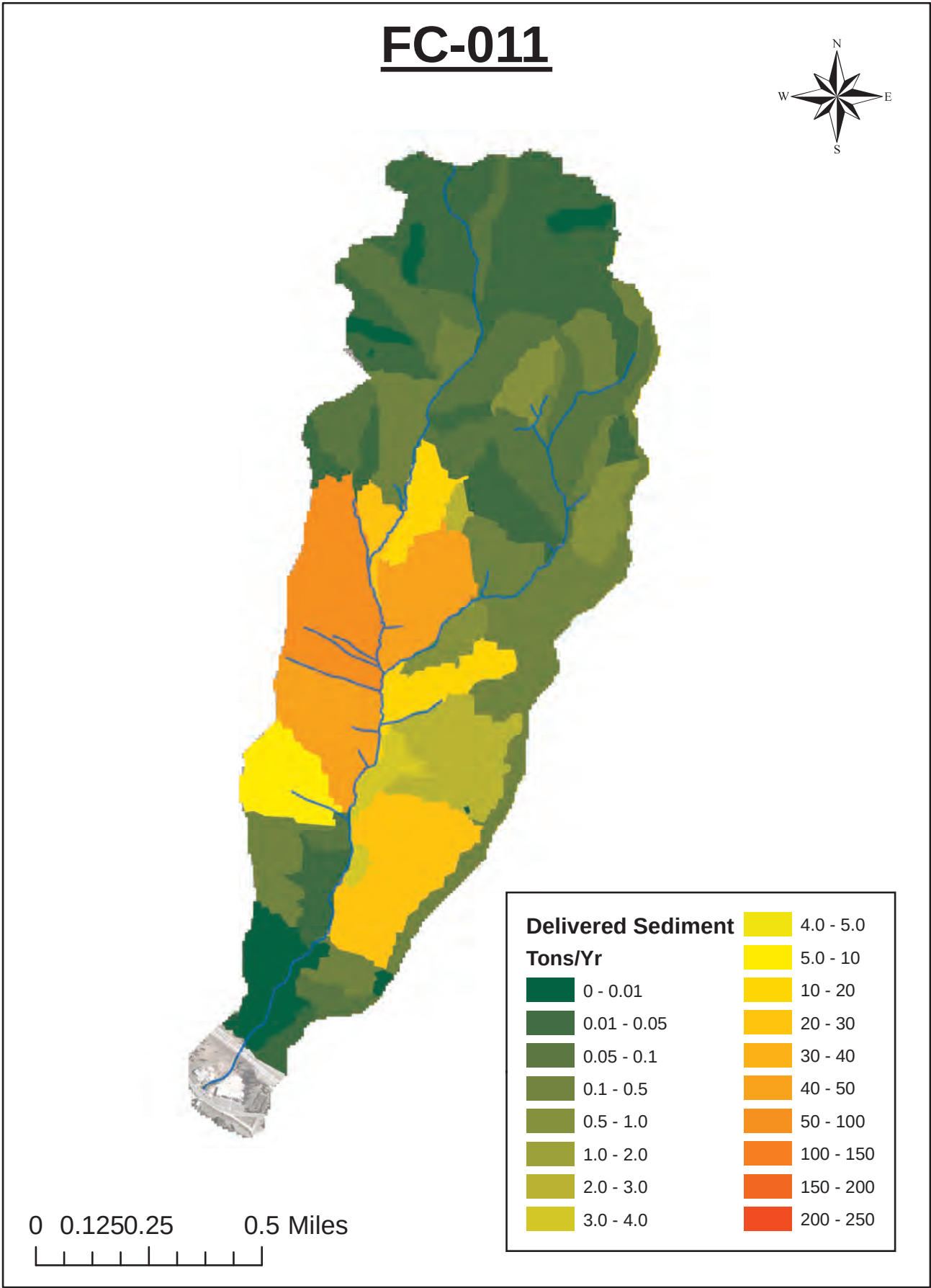
Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-F10							
Watershed Characteristics	Drainage Area (mi ²)	0.13		High	Moderate	Low	Unburned				
				Burn Severity (%)	2.0%	66.0%	28.0%	4.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	3,391		Sediment from Surface Erosion (tons/yr)	1.23						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	1						
Hydrology	Q _{BKF} (cfs)	1.1975		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	130		N/A	N/A						
	Flow-Related Sediment (tons/yr)	11		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	1		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	0	0	1	N/A			
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
					☐ Degradation ☐ Aggradation						

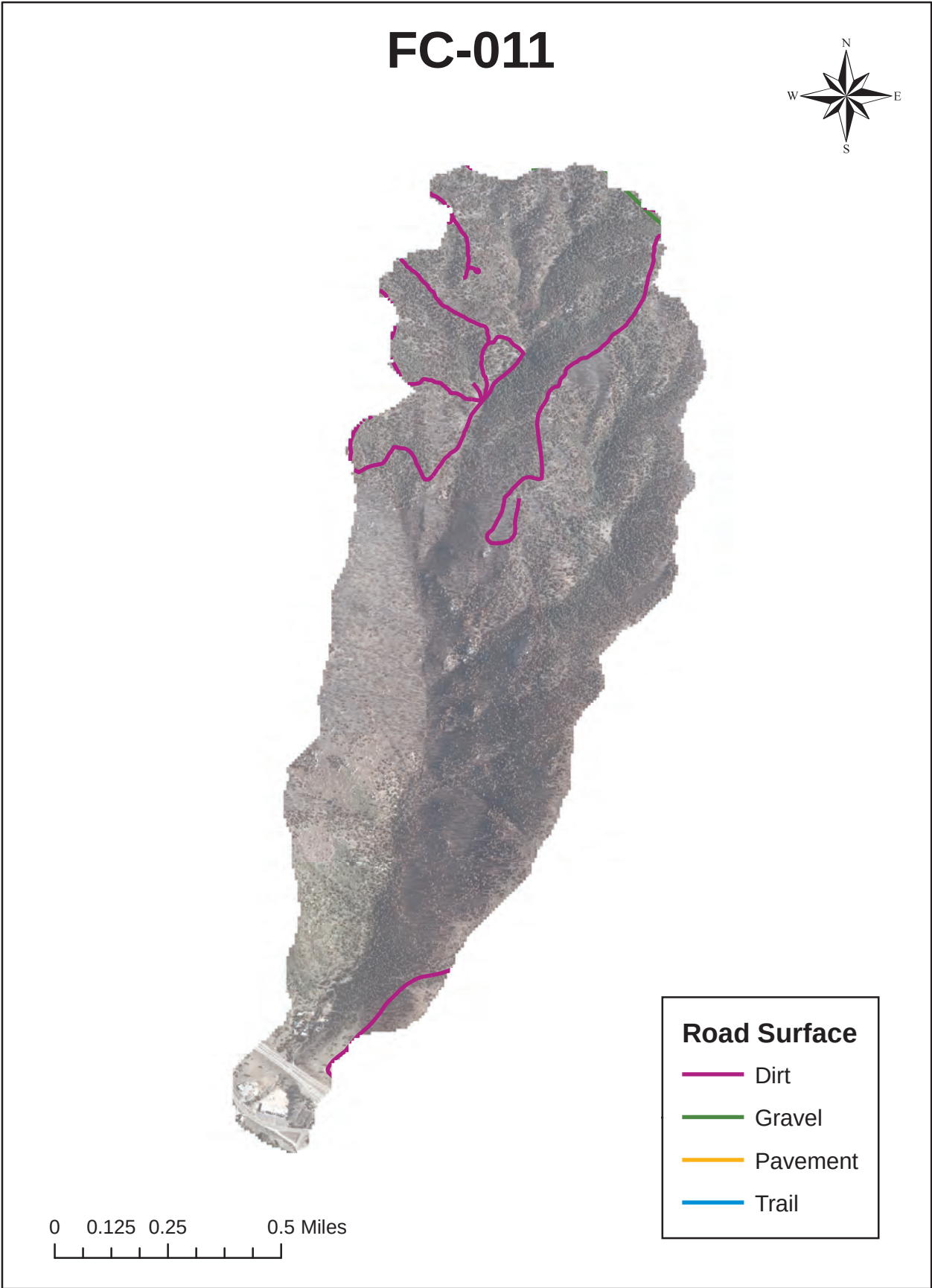


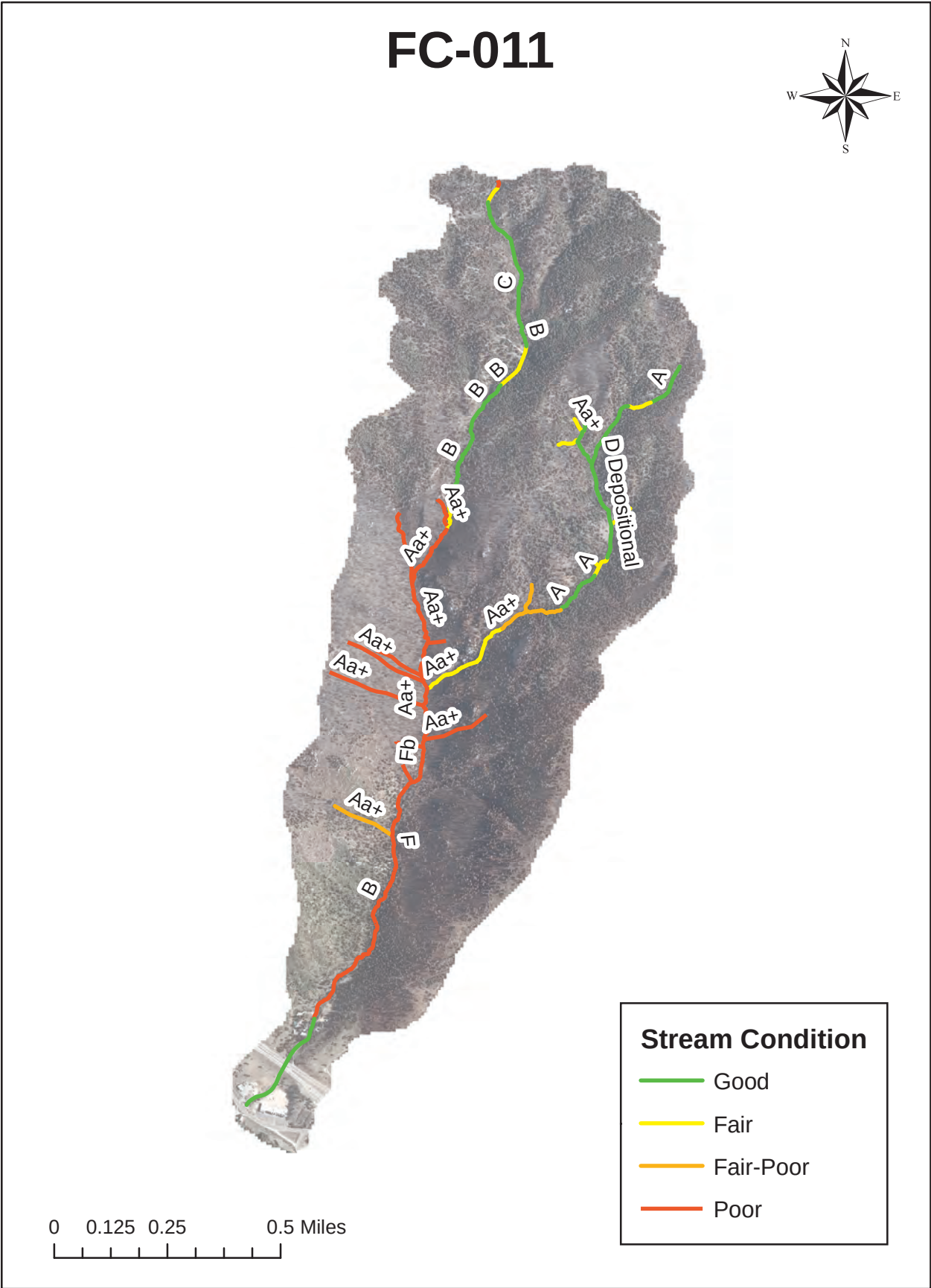


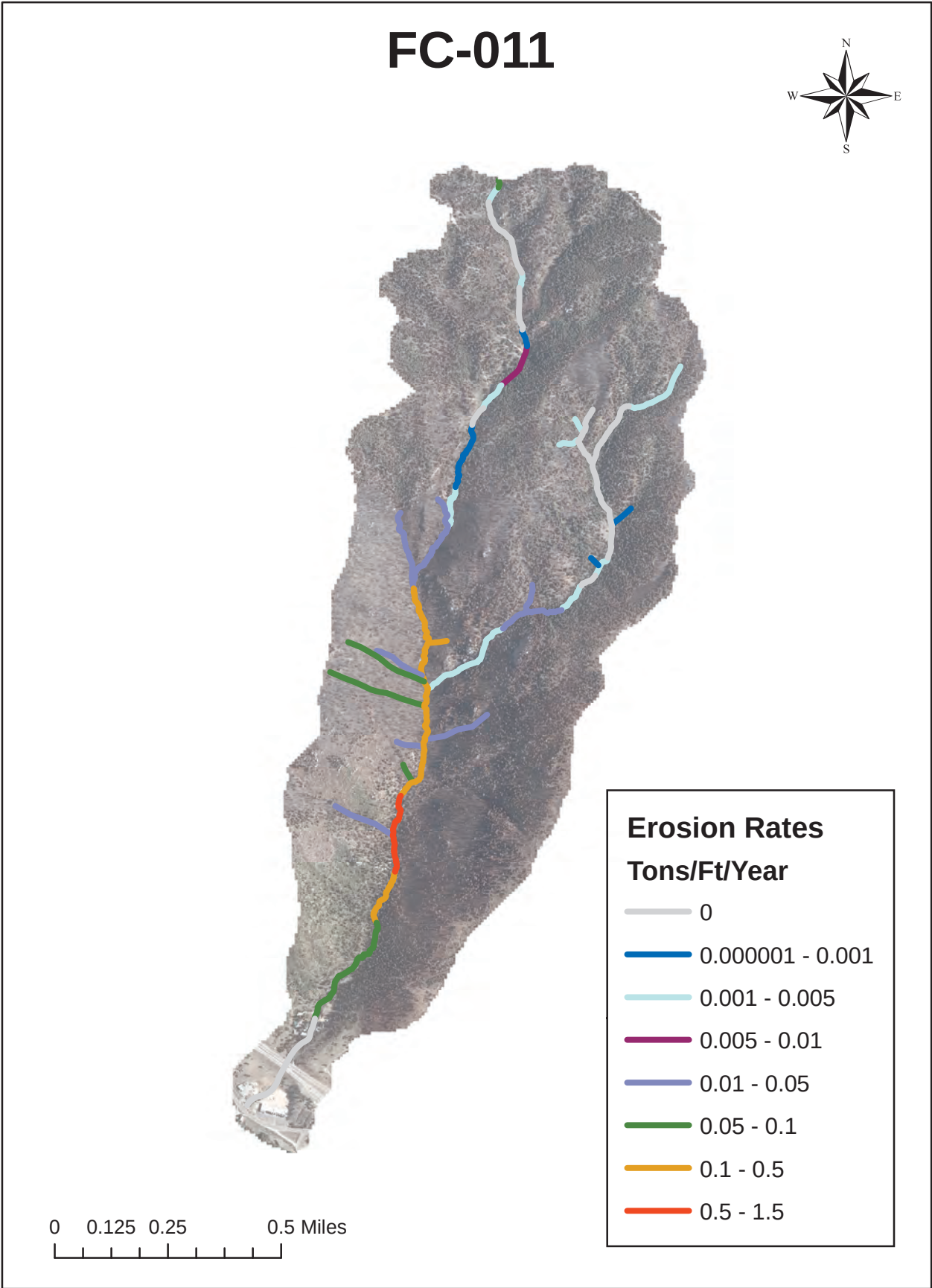
Fountain Creek, Sub-Watershed 011 (FC-011)

Watershed Summary		Stream: Fountain Creek		Sub-Watershed: FC-011							
Watershed Characteristics	Drainage Area (mi ²)	1.16		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	14.0%	31.0%	55.0%			
	Drainage Density	4.42									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		47%	6%	10%	1%	30%	1%	0%	4%	2%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	32%	14%	7%	47%	Total Erosion (tons/yr)	1,467				
	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	22%	4%	15%	6%	29%	18%	4%	4%	0%	
Hillslope Processes	Length of Road (ft)	17,396		Sediment from Surface Erosion (tons/yr)		279.59					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		280					
Hydrology		Q _{BKF} (cfs)	5.1786	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			562	772	210					
	Flow-Related Sediment (tons/yr)			22	2,903	2,881					
Erosion Summary	Total Introduced Sediment (tons/yr)	1,746		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	1,467	0	280	1,157			
	Total Flow Related Sediment (tons/yr)	2,903		Percent of Total Yield	51%	0%	10%	40%			
☒ Degradation ☐ Aggradation											





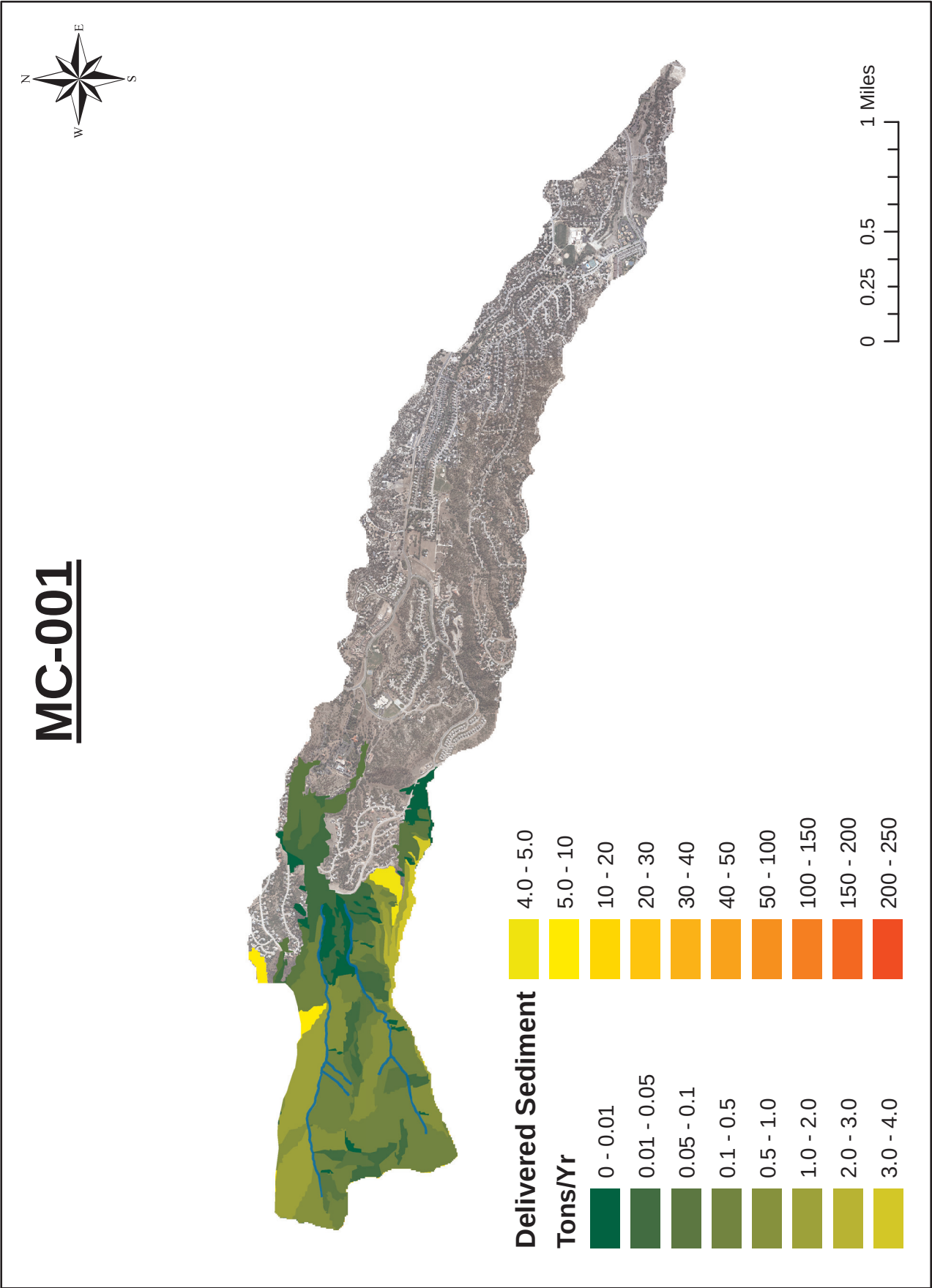


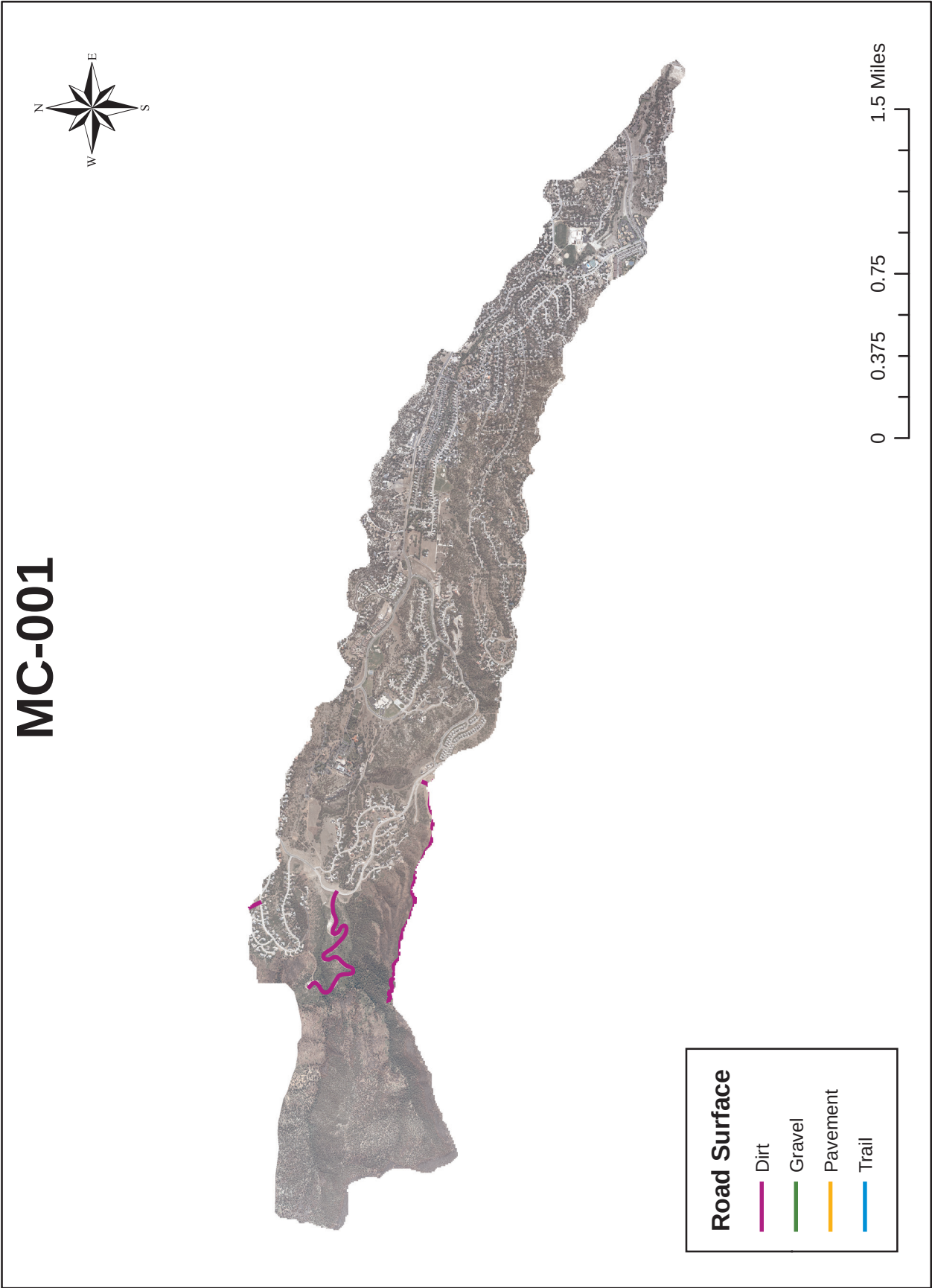


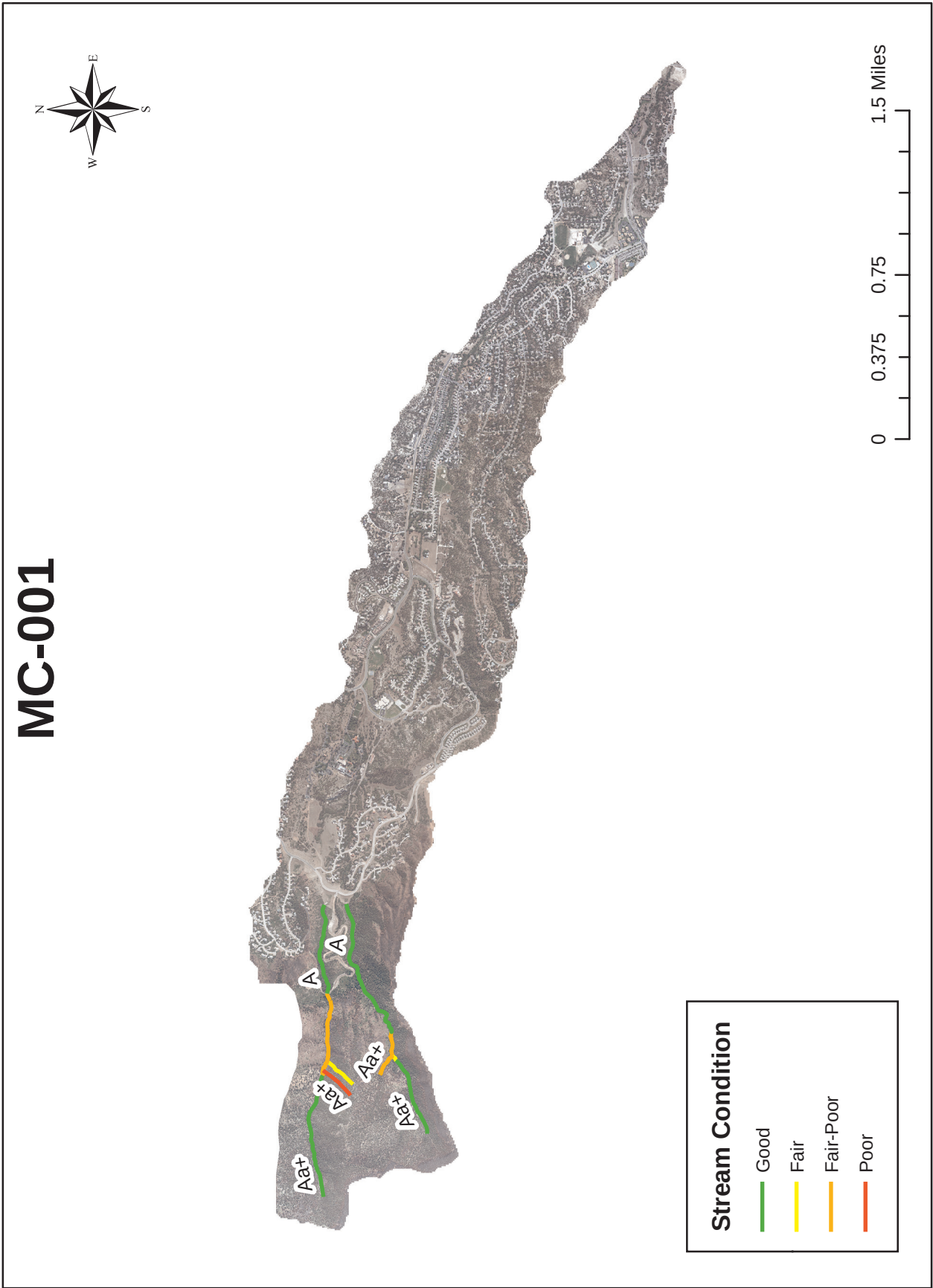
Watershed Summaries: Monument Creek

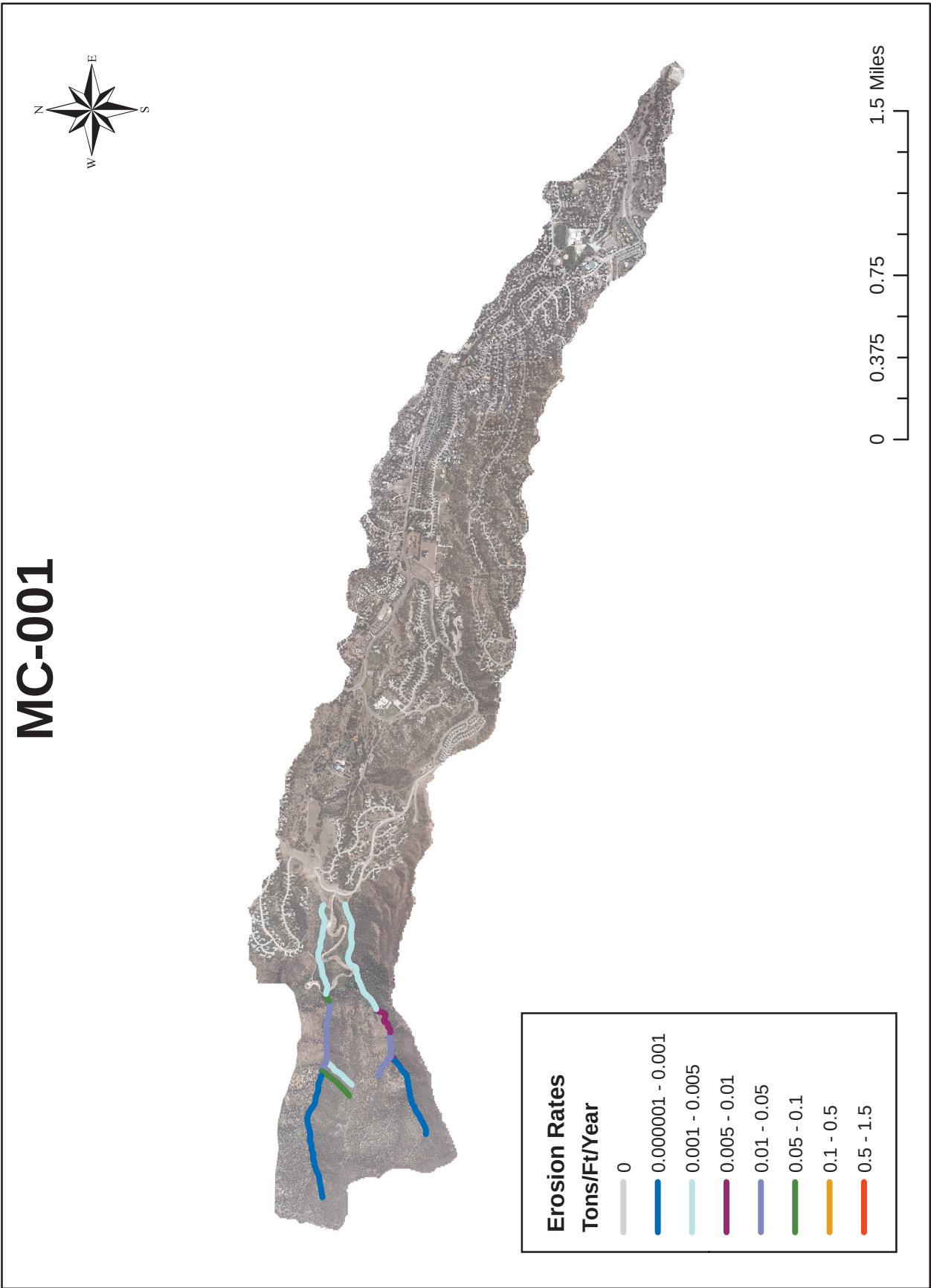
Monument Creek, Sub-Watershed 001 (MC-001)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-001							
Watershed Characteristics	Drainage Area (mi ²)	3.46		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	0.0%	0.0%			
	Drainage Density	0.88									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		67%	31%	1%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	68%	6%	20%	6%	Total Erosion (tons/yr)	189				
	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%	31%	31%	6%	30%	1%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	8,740		Sediment from Surface Erosion (tons/yr)	77.05						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	77						
Hydrology		Q _{BKF} (cfs)	10.665	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	1,157		1,257	100						
	Flow-Related Sediment (tons/yr)	37		45	8						
Erosion Summary	Total Introduced Sediment (tons/yr)	266		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					189	0	77	-222			
	Total Flow Related Sediment (tons/yr)	45		Percent of Total Yield	N/A	N/A	N/A	N/A			
				☐ Degradation ☒ Aggradation							



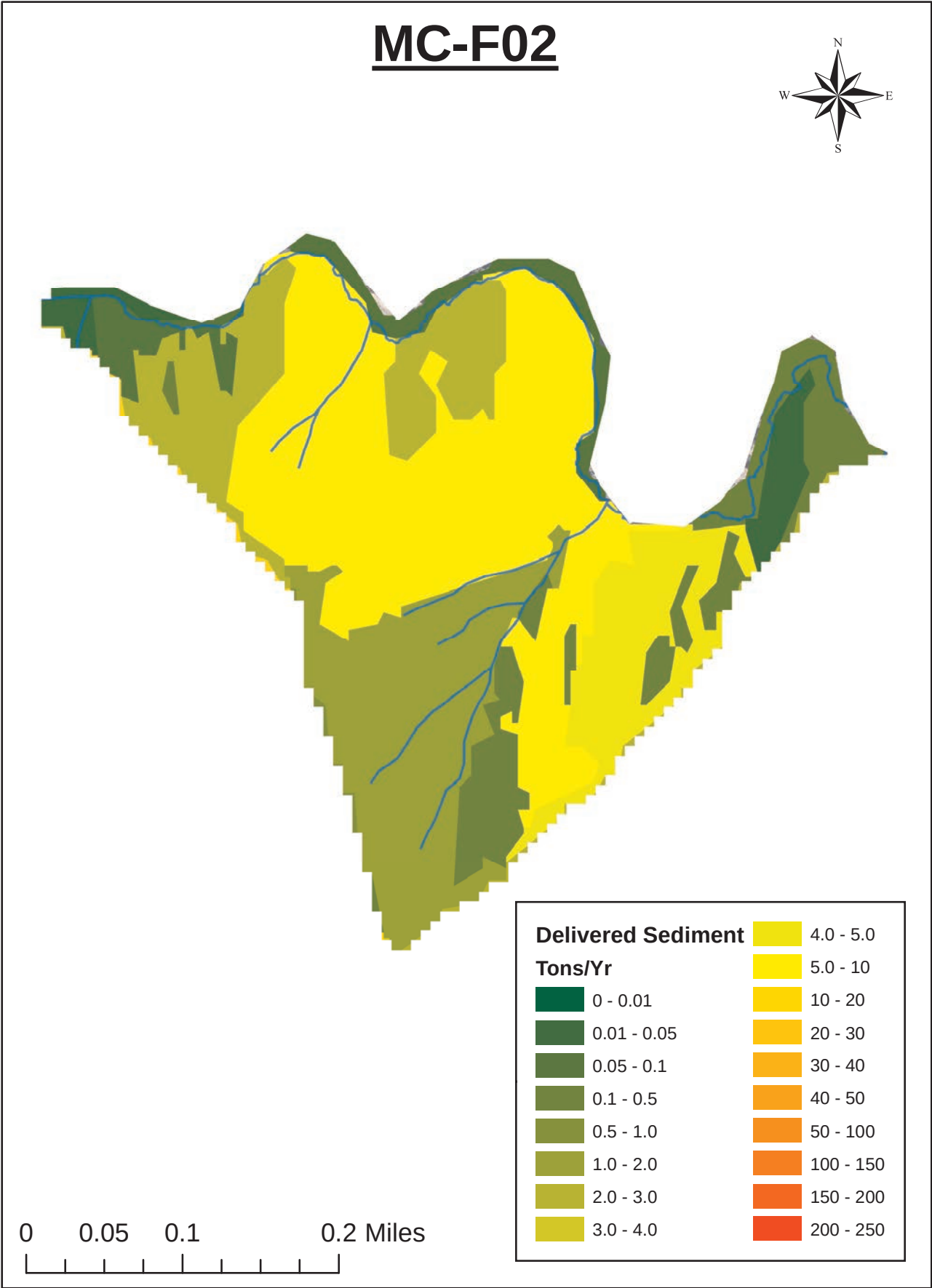


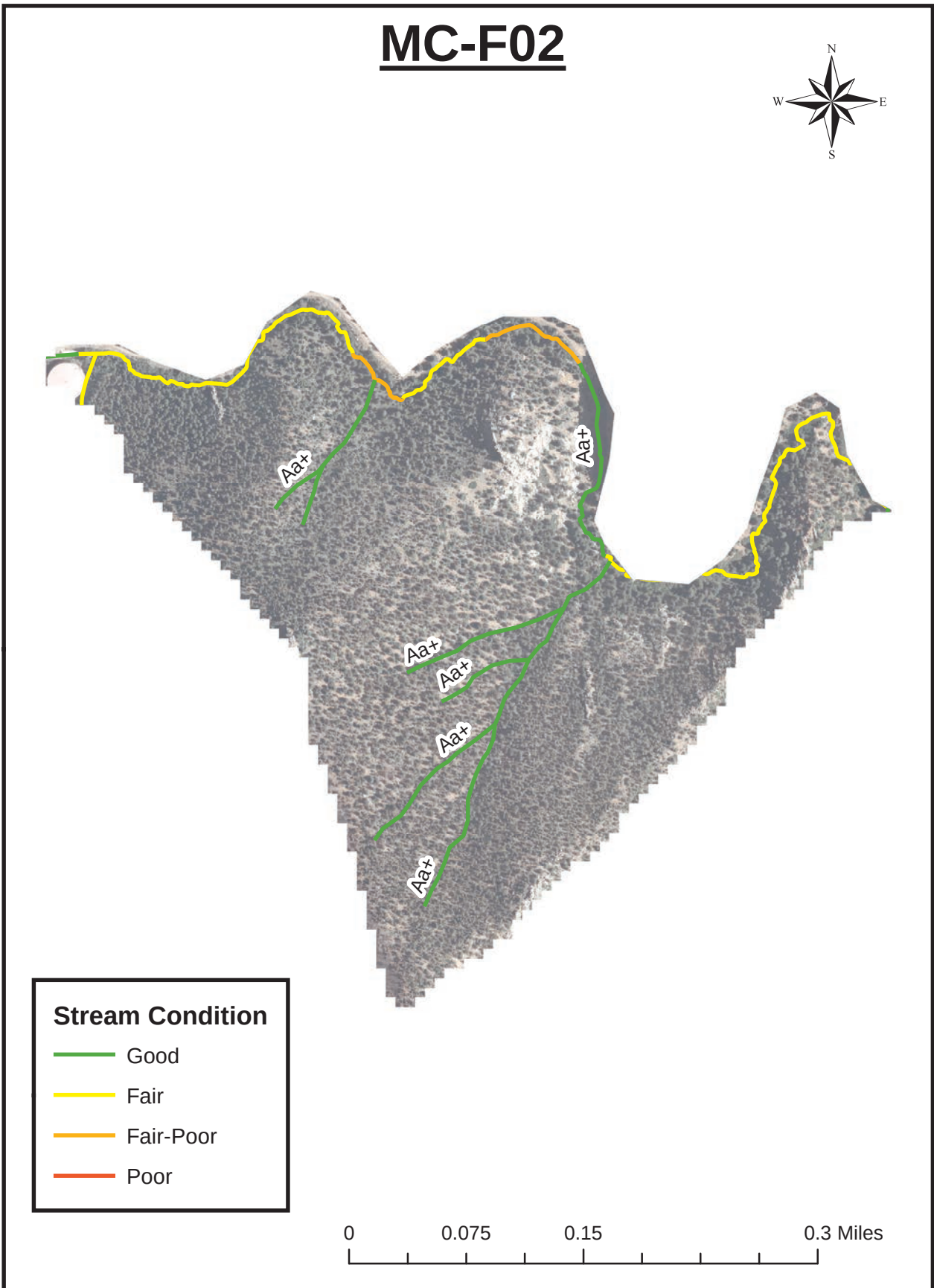


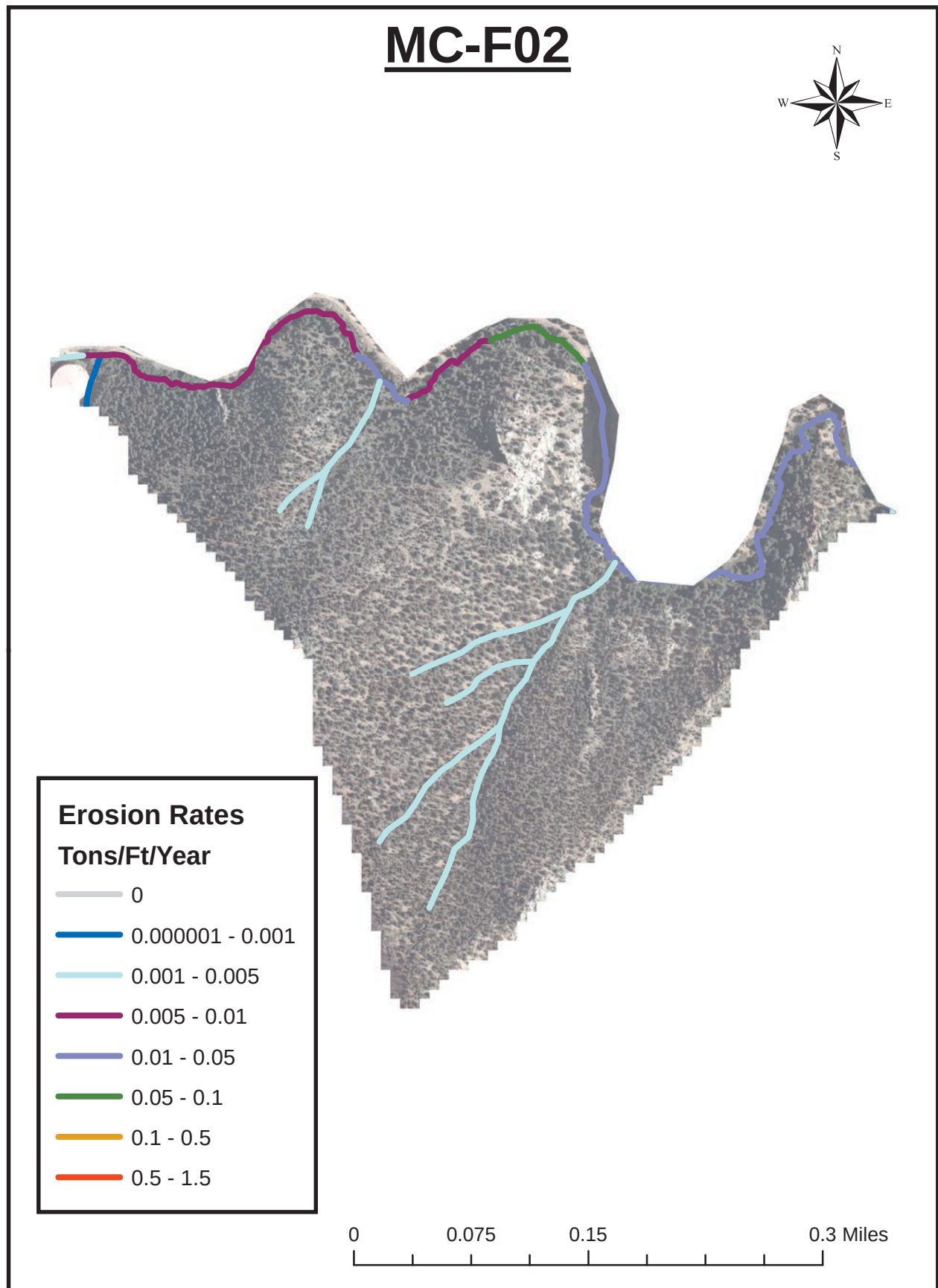


Monument Creek, Sub-Watershed F02 (MC-F02)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F02								
Watershed Characteristics	Drainage Area (mi ²)	0.11		High	Moderate	Low	Unburned					
			Burn Severity (%)	0.0%	0.0%	0.0%	0.0%					
	Drainage Density	6.50										
			Aa+	A	B	C	D	Da+	E	F	Fb	G
		Stream Types (%)	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		100%	0%	0%	0%	Total Erosion (tons/yr)	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%	100%	0%	0%	0%	0%	0%	0%
Hillslope Processes	Length of Road (ft)		731		Sediment from Surface Erosion (tons/yr)		38.60					
	Total Sediment from Roads (tons/yr)		0.32		Introduced Sediment Roads & Hillslope (tons/yr)		39					
Hydrology			Q _{BKF} (cfs)	1.0727	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		116		117		1					
	Flow-Related Sediment (tons/yr)		10		11		0					
Erosion Summary	Total Introduced Sediment (tons/yr)		45		Banks	Roads	Surface Erosion	Streambed				
			Sediment (tons/yr)		6	0	39	-35				
	Total Flow Related Sediment (tons/yr)		11		Percent of Total Yield	N/A	N/A	N/A				
				☐ Degradation		☒ Aggradation						

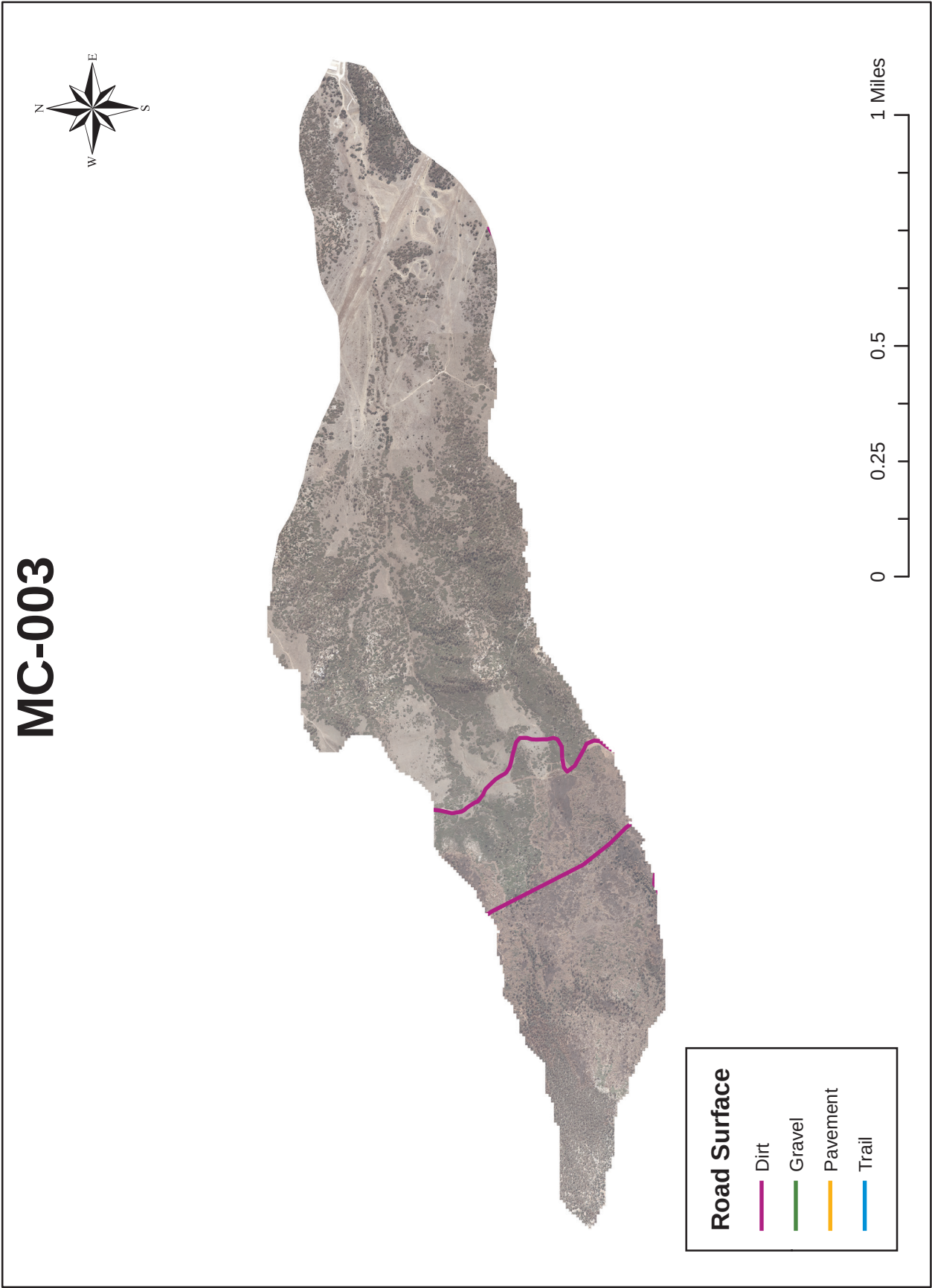


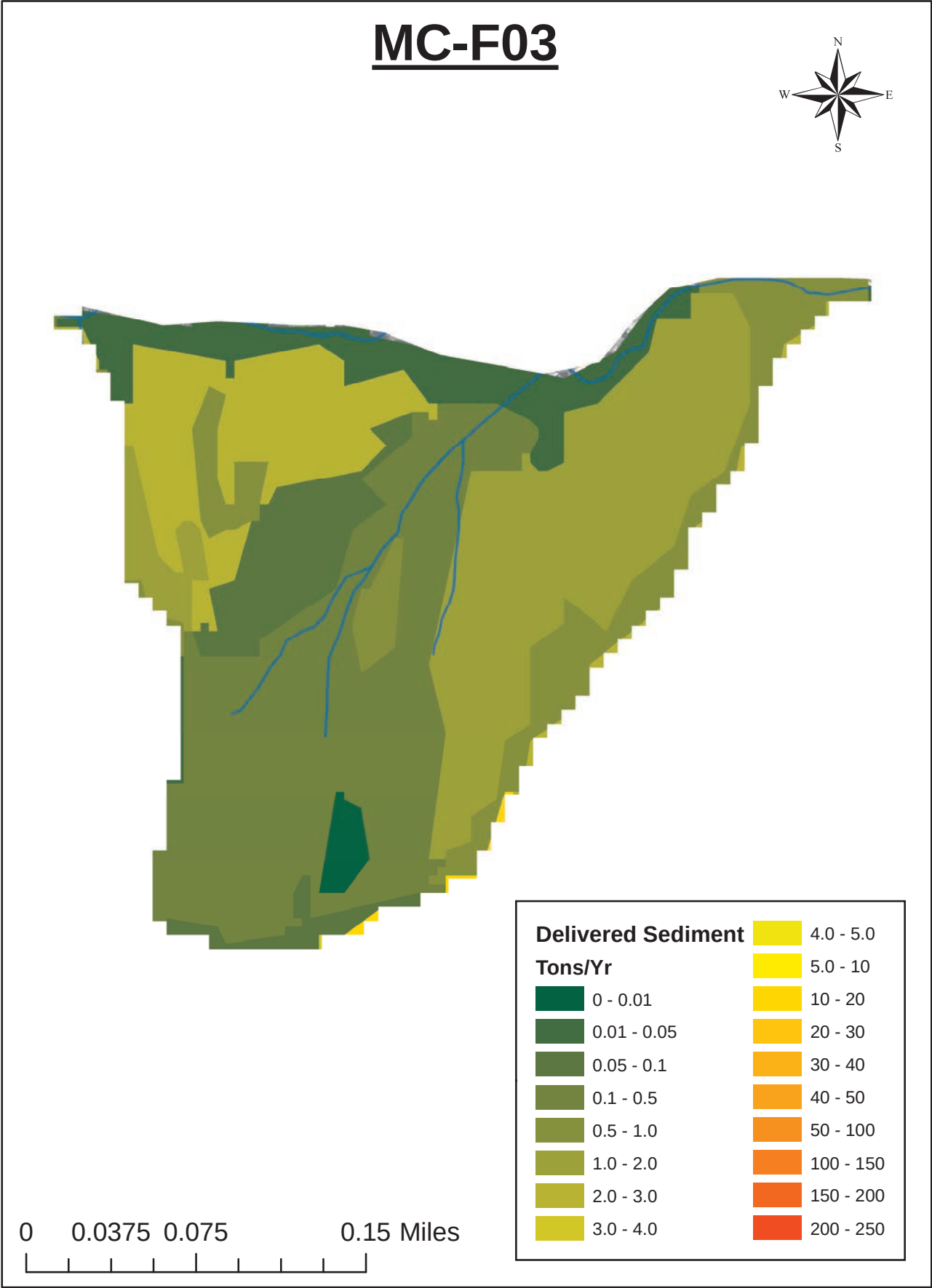


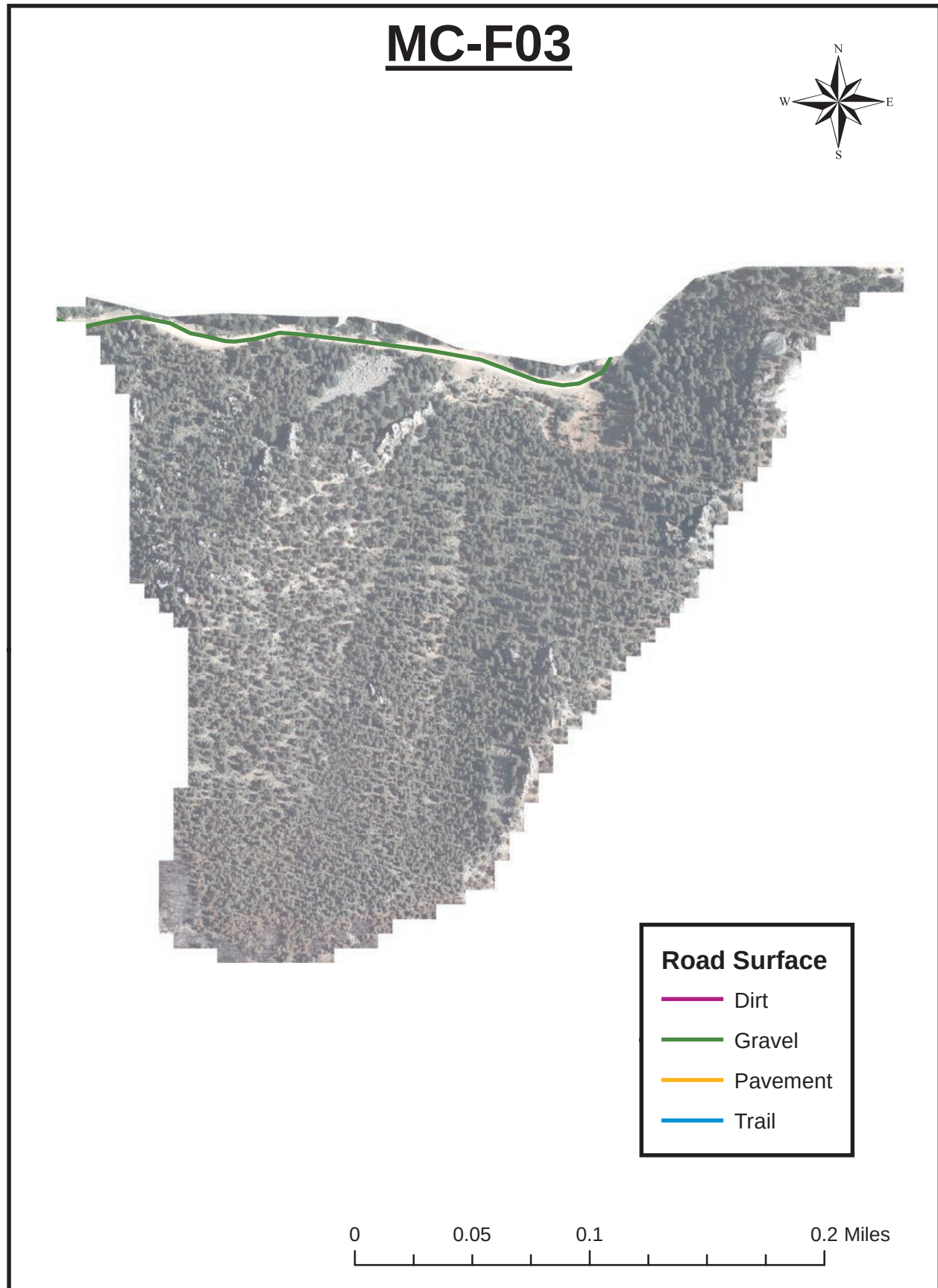


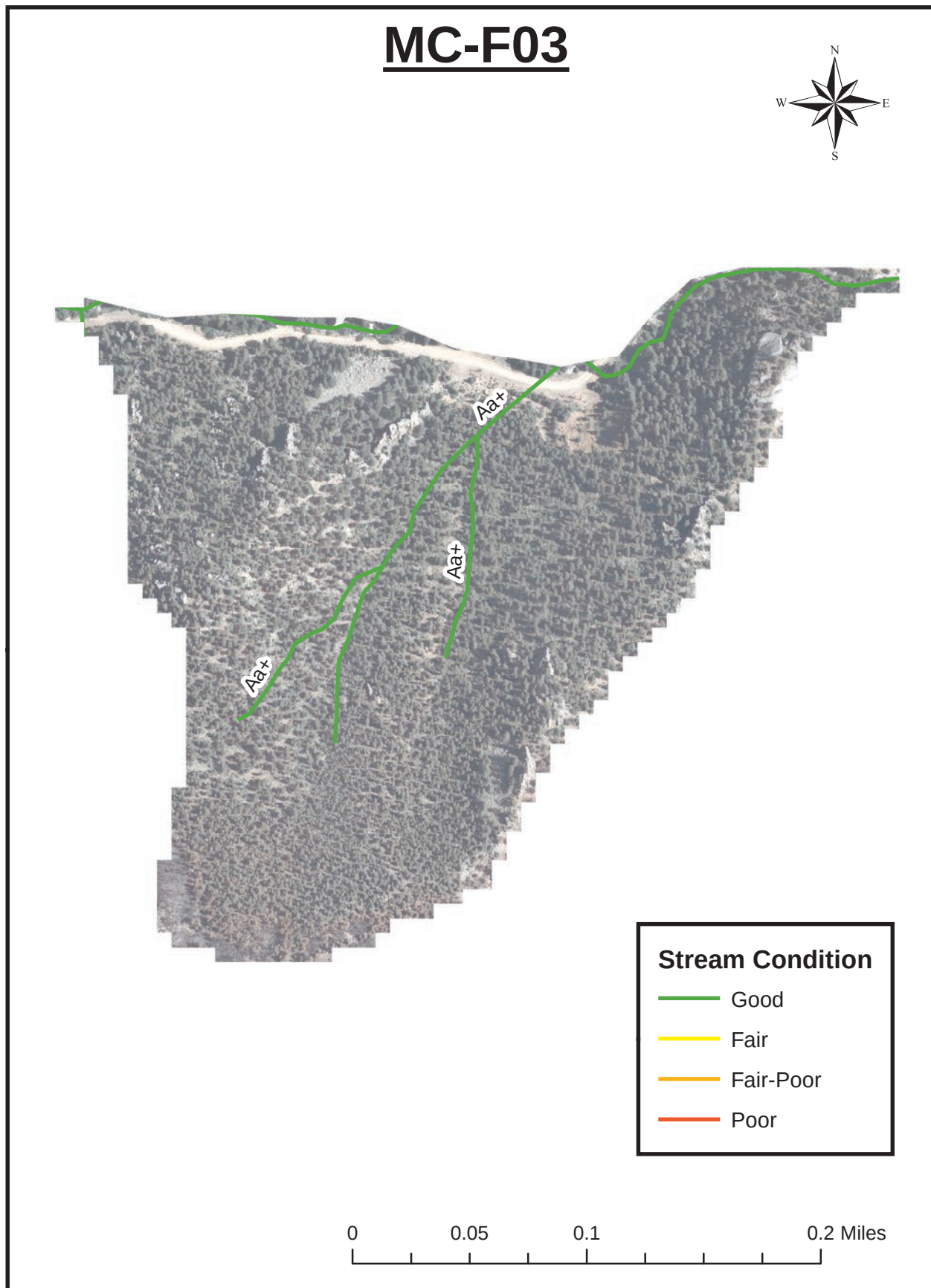
Monument Creek, Sub-Watershed 003 (MC-003)

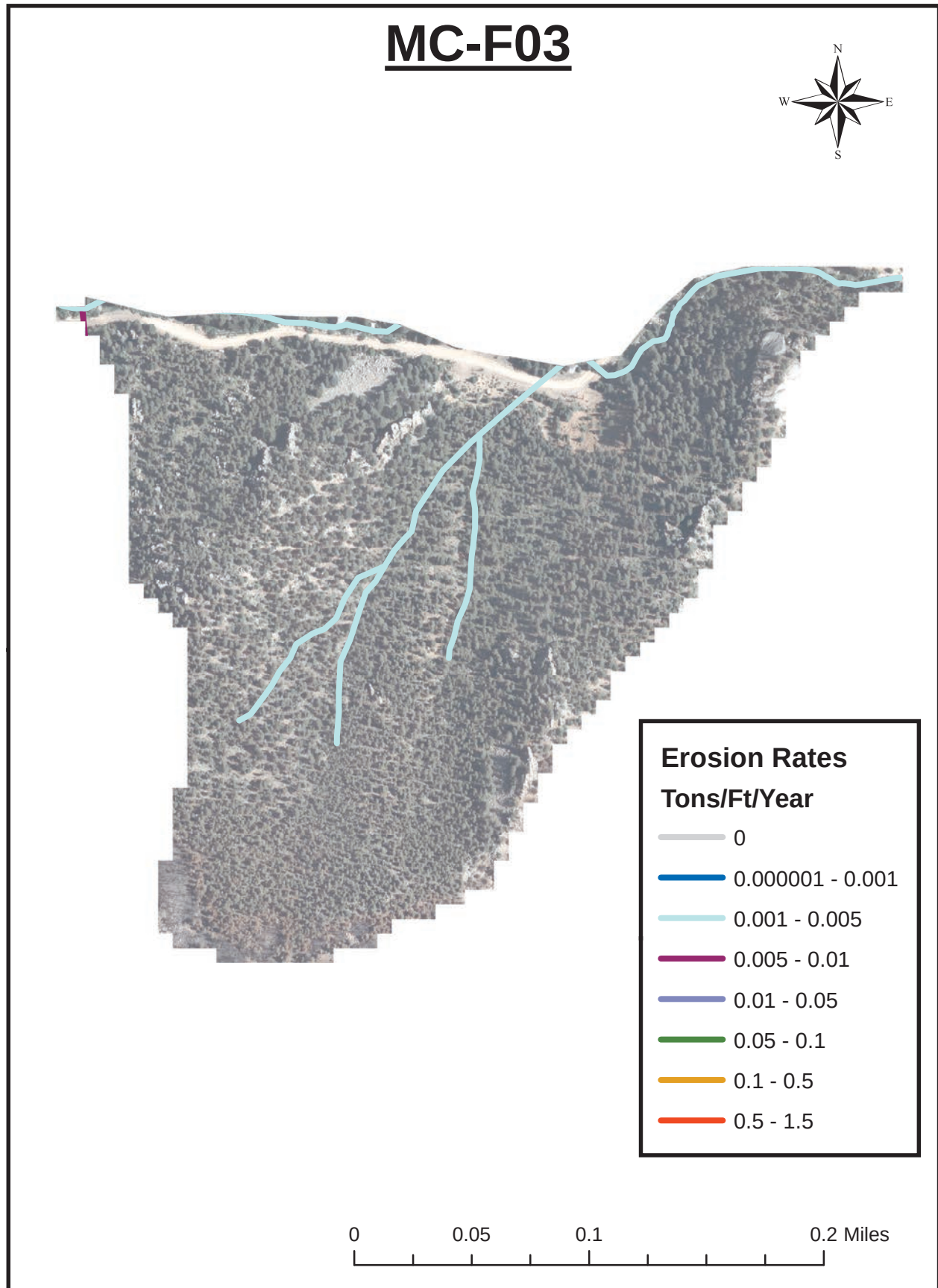
Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-003								
Watershed Characteristics	Drainage Area (mi ²)	0.91		High	Moderate	Low	Unburned					
				Burn Severity (%)	0.0%	0.0%	0.0%					
	Drainage Density	0.00										
			Aa+	A	B	C	D	Da+	E	F	Fb	G
	Stream Types (%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor							
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%		
Hillslope Processes	Length of Road (ft)	4,911		Sediment from Surface Erosion (tons/yr)	0.00							
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	0							
Hydrology		Q _{BKF} (cfs)	4.4388	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	482		N/A	N/A							
	Flow-Related Sediment (tons/yr)	20		N/A	N/A							
Erosion Summary	Total Introduced Sediment (tons/yr)	0		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
				0	0	0	N/A					
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A				
☐ Degradation ☐ Aggradation												





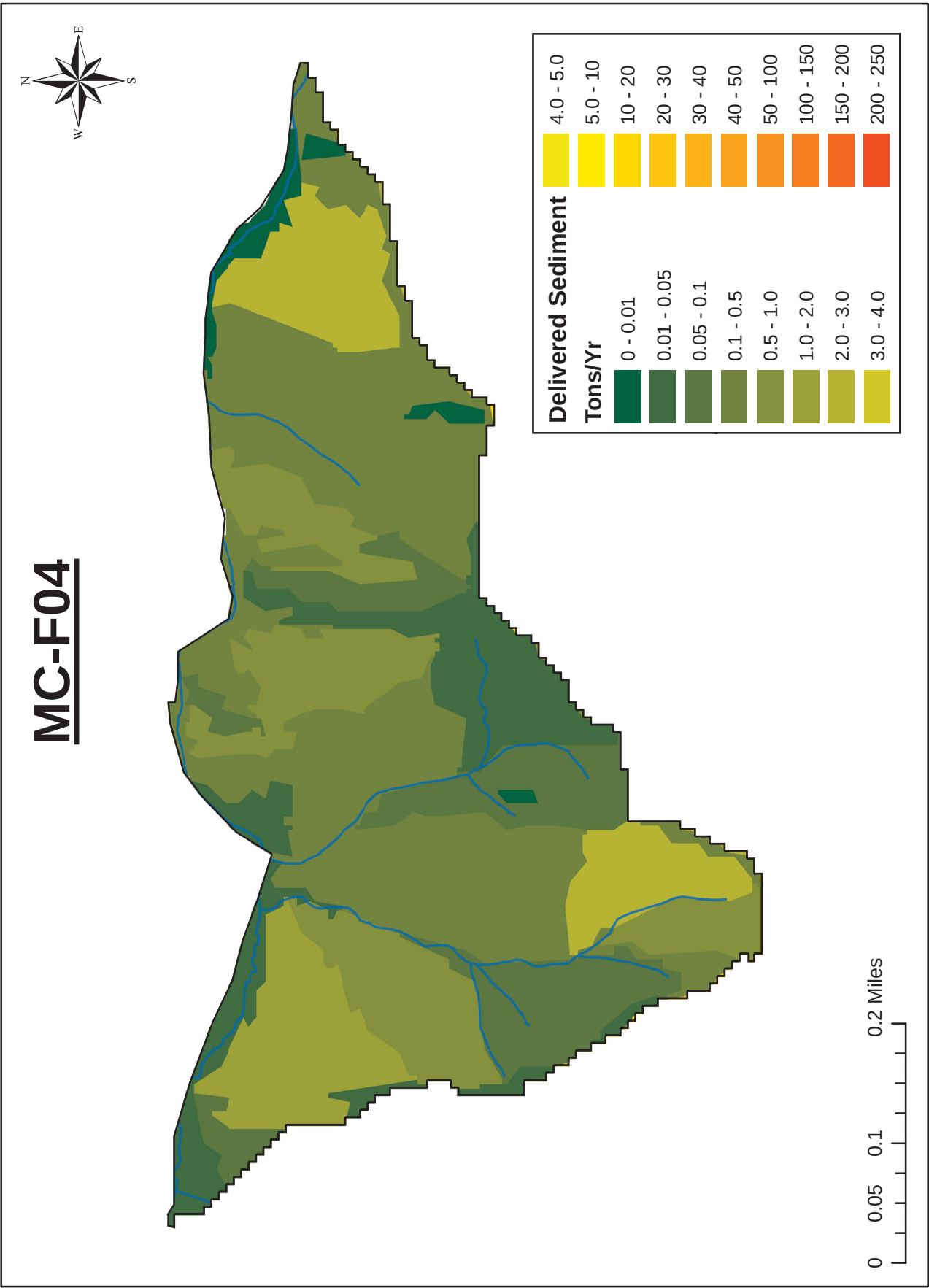


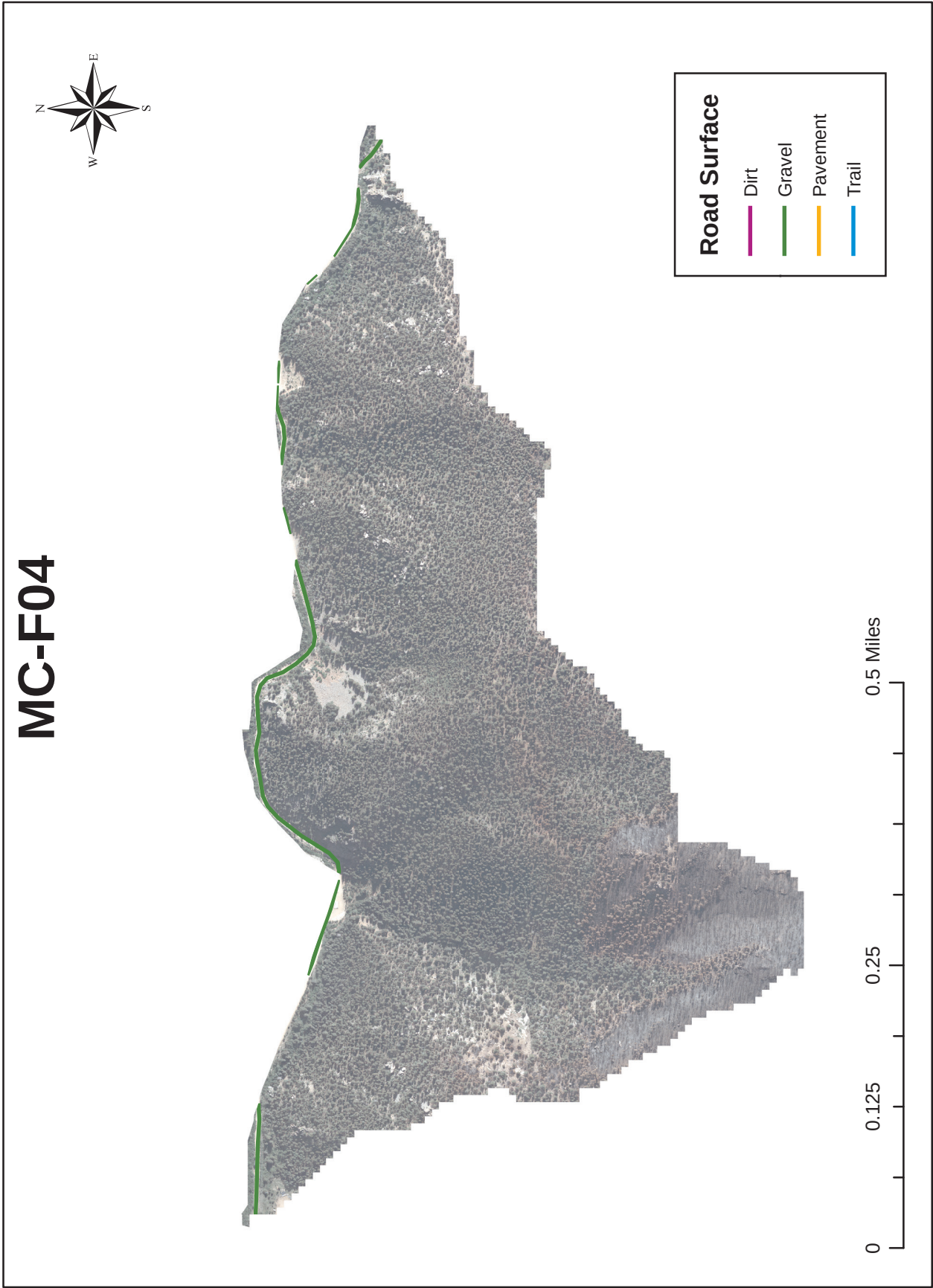


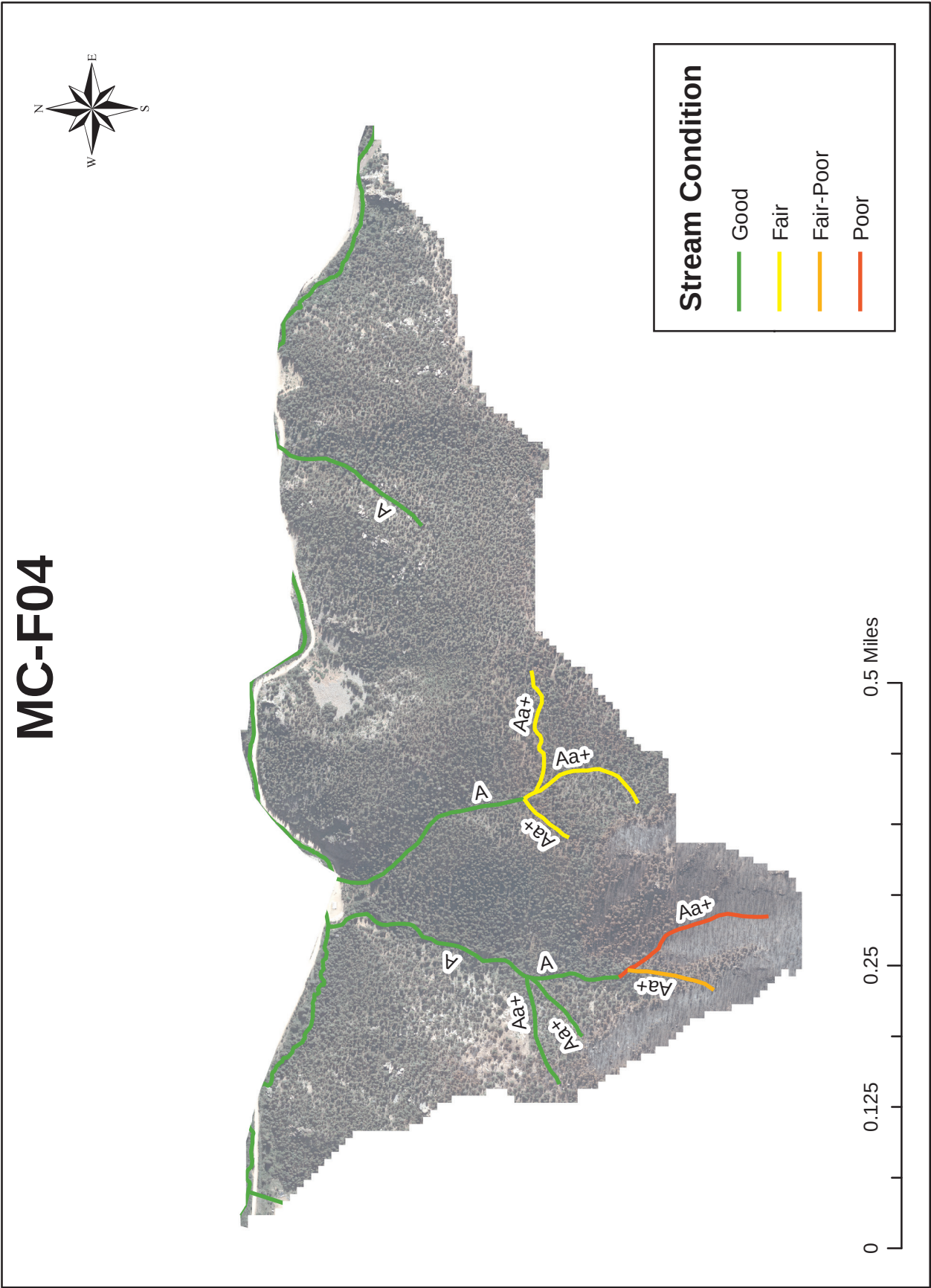


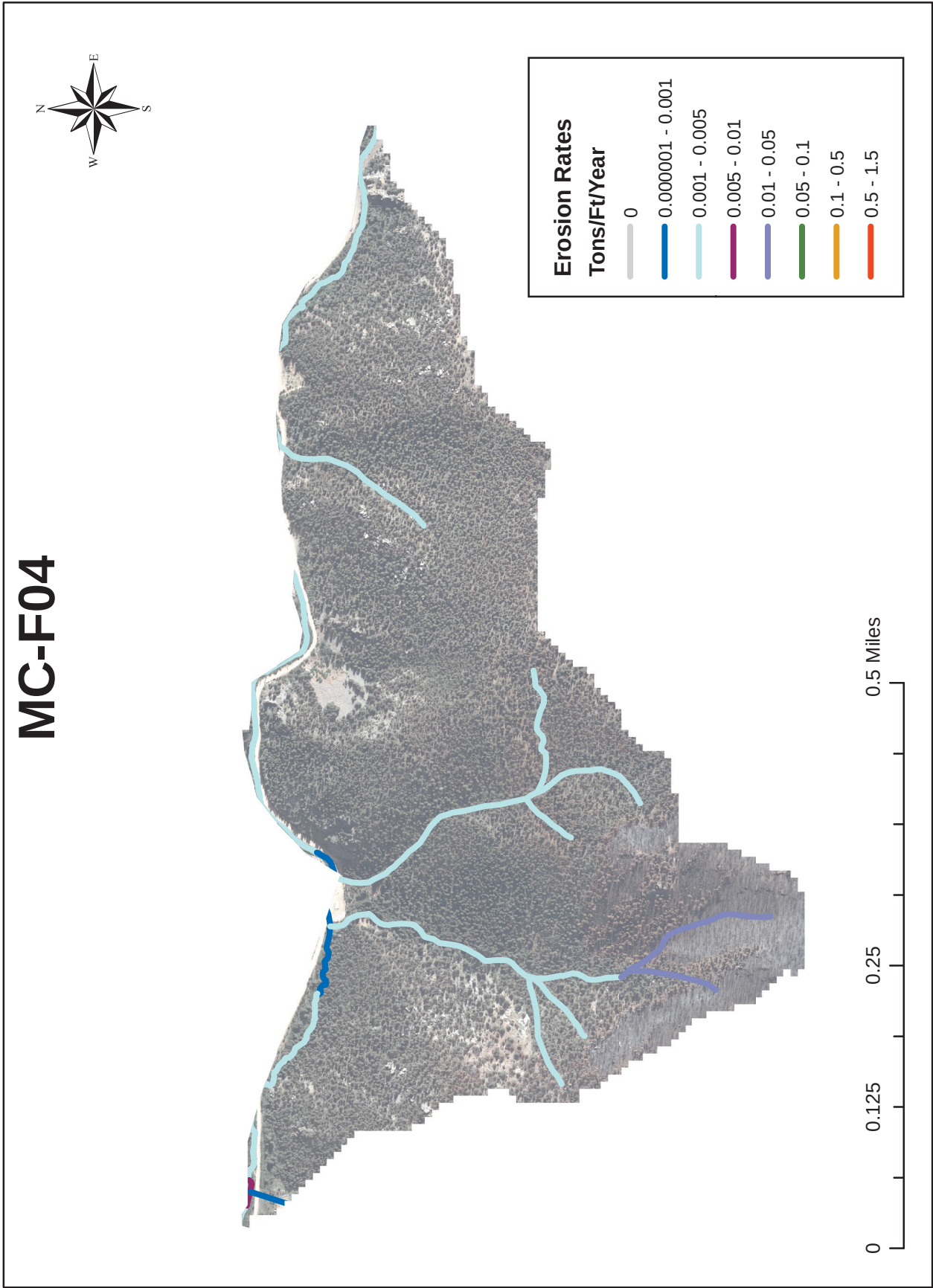
Monument Creek, Sub-Watershed F04 (MC-F04)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F04								
Watershed Characteristics	Drainage Area (mi ²)	0.23		High	Moderate	Low	Unburned					
	Burn Severity (%)		3.7%	18.6%	25.5%	48.4%						
	Drainage Density	5.89										
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G	
		52%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion	Good		Fair	Fair-Poor	Poor							
	Percent of Stream Conditions		61%	22%	6%	11%	Total Erosion (tons/yr)	28				
	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%	83%	0%	17%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)		3,961		Sediment from Surface Erosion (tons/yr)		11.72					
	Total Sediment from Roads (tons/yr)		7.91		Introduced Sediment Roads & Hillslope (tons/yr)		20					
Hydrology	Q _{BKF} (cfs)		1.7676	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)		192	203	12							
	Flow-Related Sediment (tons/yr)		13	15	2							
Erosion Summary	Total Introduced Sediment (tons/yr)		48		Banks	Roads	Surface Erosion	Streambed				
	Total Flow Related Sediment (tons/yr)		15		Sediment (tons/yr)	28	8	12	-33			
					Percent of Total Yield	N/A	N/A	N/A	N/A			
				☐ Degradation		☒ Aggradation						





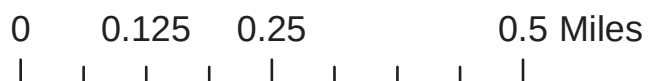
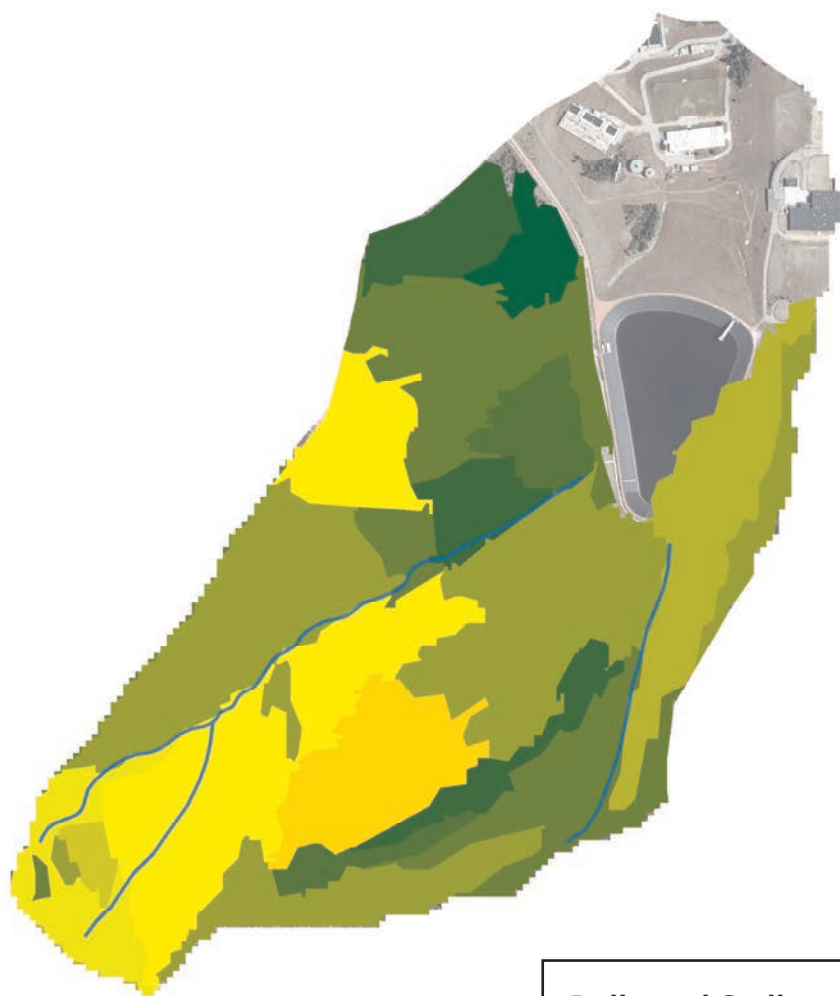
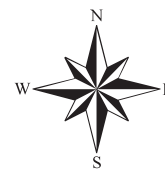




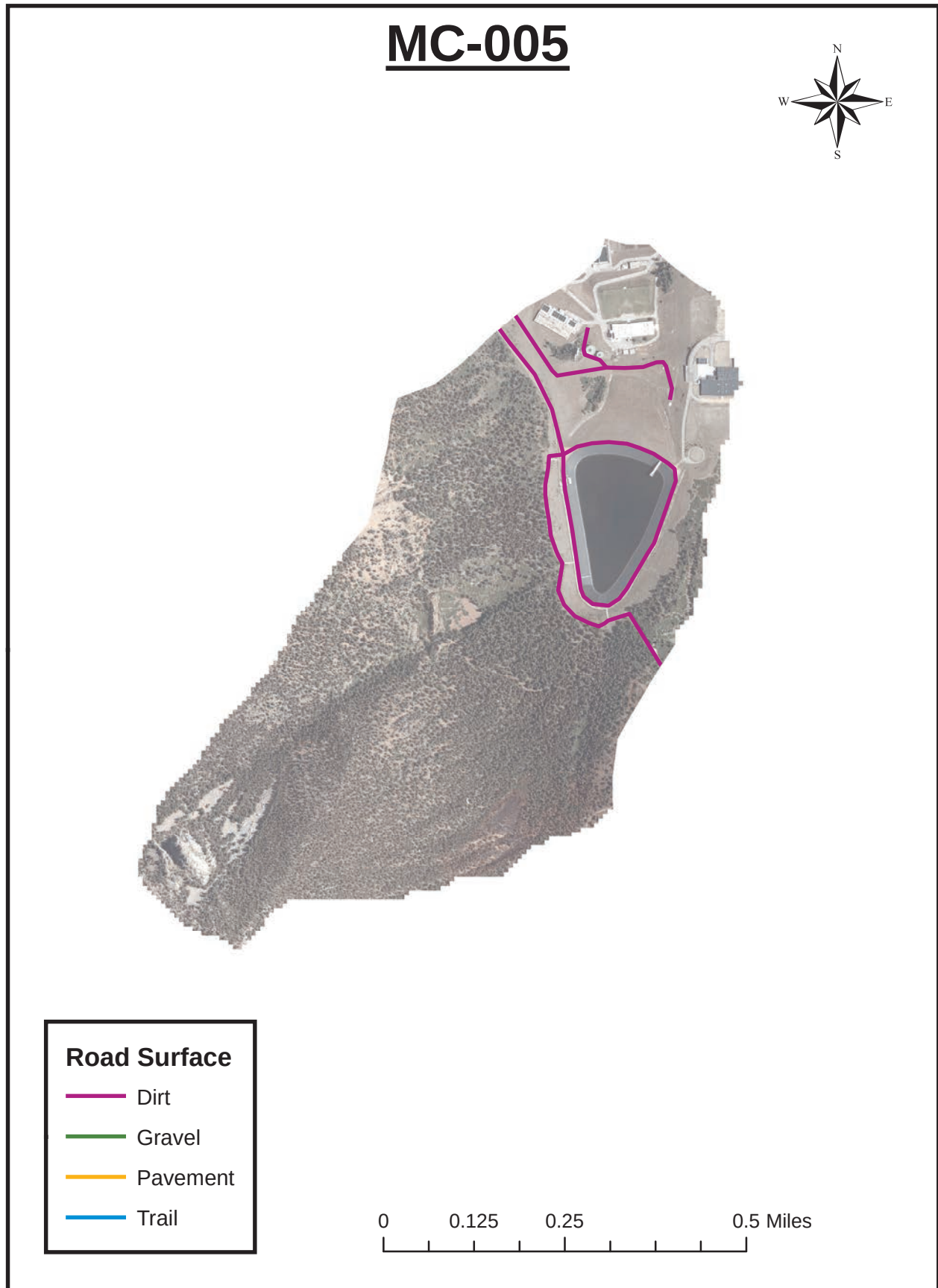
Monument Creek, Sub-Watershed 005 (MC-005)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-005							
Watershed Characteristics	Drainage Area (mi ²)	0.42		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	0.0%	0.0%			
	Drainage Density	2.96									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	100%	0%	0%	0%	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%	100%	0%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	8,509		Sediment from Surface Erosion (tons/yr)	75.63						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	76						
Hydrology	Q _{BKF} (cfs)	2.6713		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			290	292	2					
	Flow-Related Sediment (tons/yr)			16	16	0					
Erosion Summary	Total Introduced Sediment (tons/yr)	80		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	5	0	76	-64			
	Total Flow Related Sediment (tons/yr)	16		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							

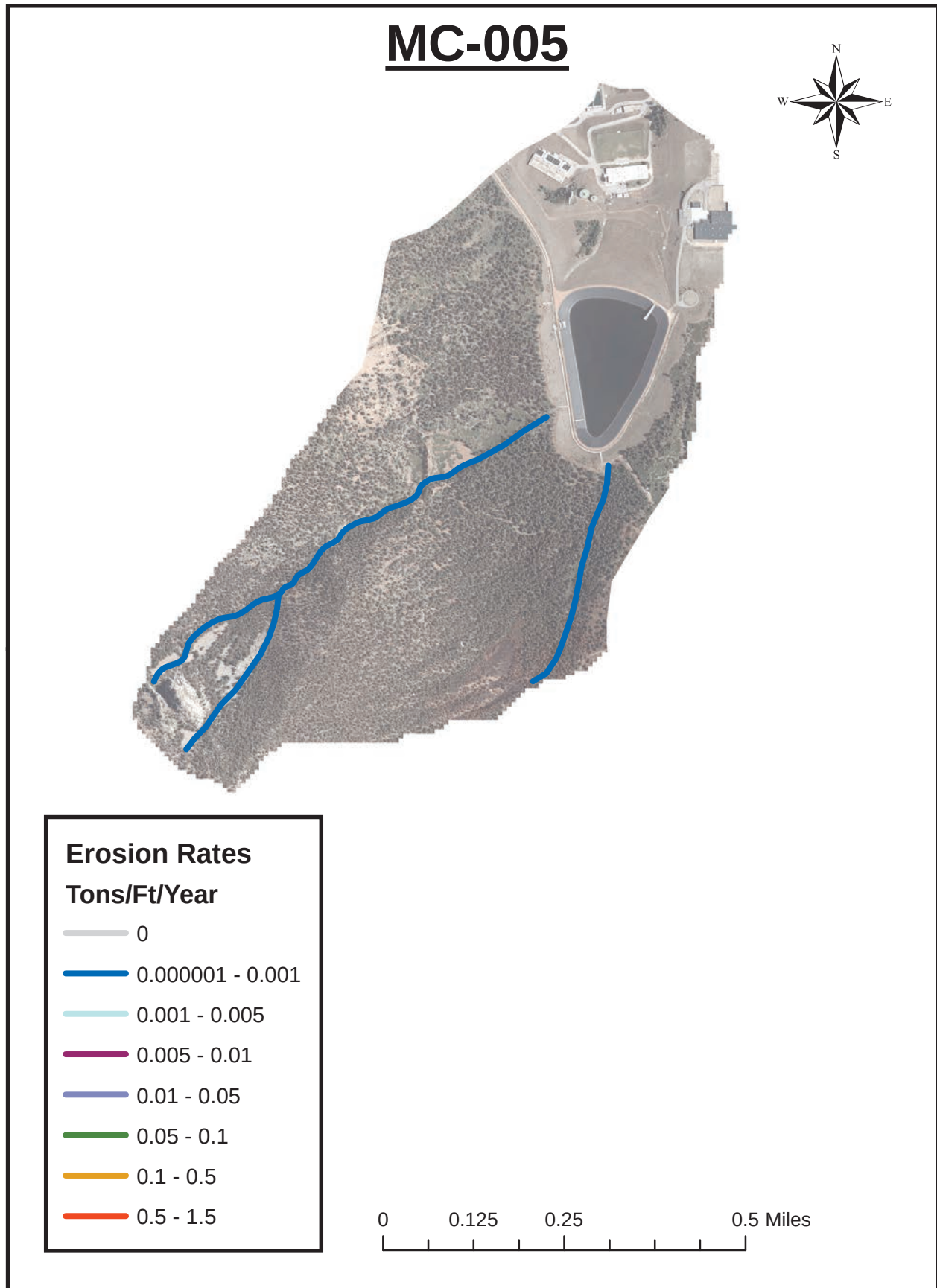
MC-005



Delivered Sediment	
Tons/Yr	
	0 - 0.01
	0.01 - 0.05
	0.05 - 0.1
	0.1 - 0.5
	0.5 - 1.0
	1.0 - 2.0
	2.0 - 3.0
	3.0 - 4.0
	4.0 - 5.0
	5.0 - 10
	10 - 20
	20 - 30
	30 - 40
	40 - 50
	50 - 100
	100 - 150
	150 - 200
	200 - 250



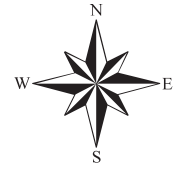




Monument Creek, Sub-Watershed 006 (MC-006)

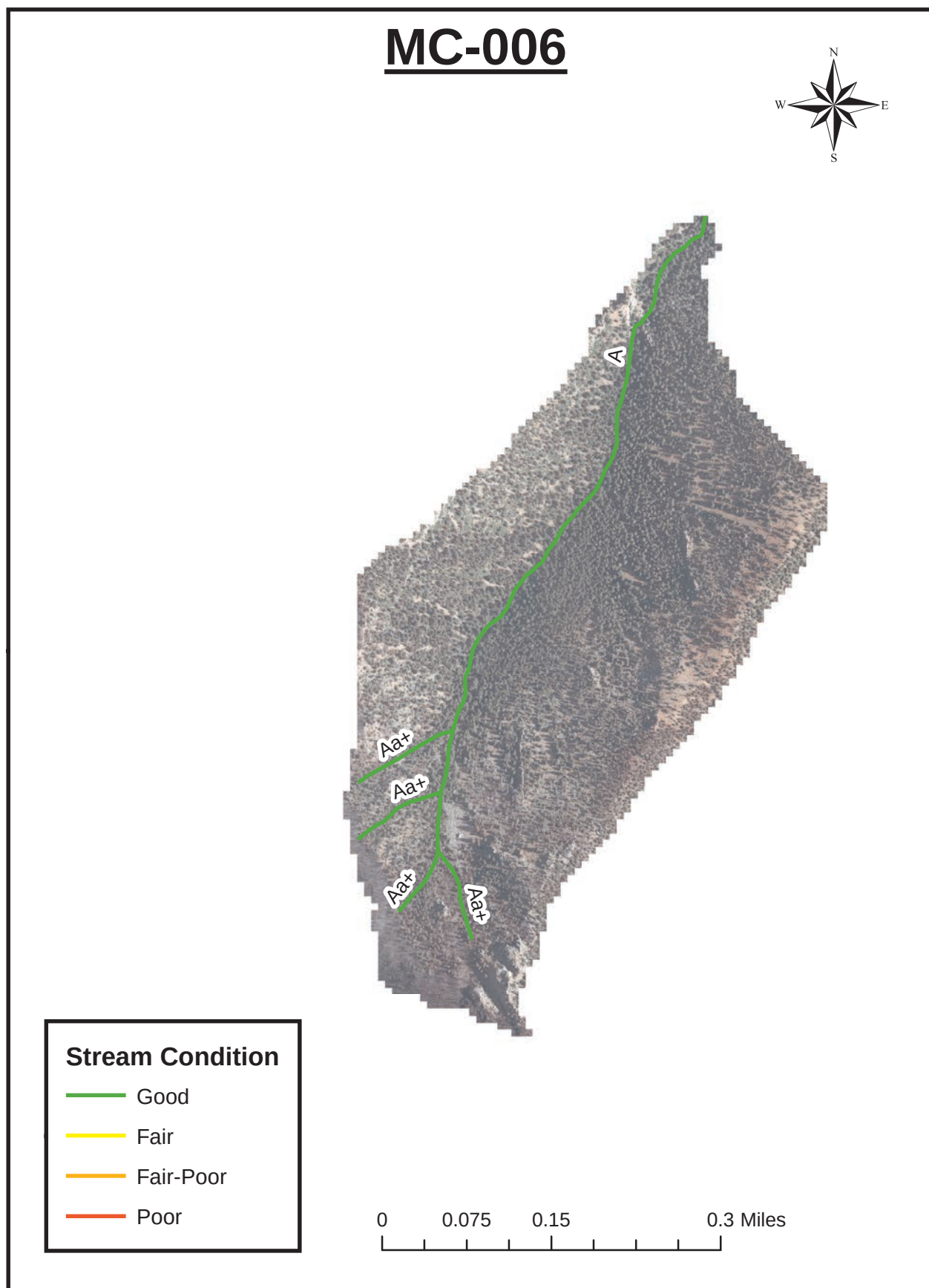
Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-006							
Watershed Characteristics	Drainage Area (mi ²)	0.16		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	5.0%	14.0%	81.0%			
	Drainage Density	6.13									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		34%	66%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	100%	0%	0%	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%	100%	0%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	51.06						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	51						
Hydrology		Q _{BKF} (cfs)	1.4004	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	152		158	6						
	Flow-Related Sediment (tons/yr)	12		13	1						
Erosion Summary	Total Introduced Sediment (tons/yr)	60		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					9	0	51	-47			
	Total Flow Related Sediment (tons/yr)	13		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							

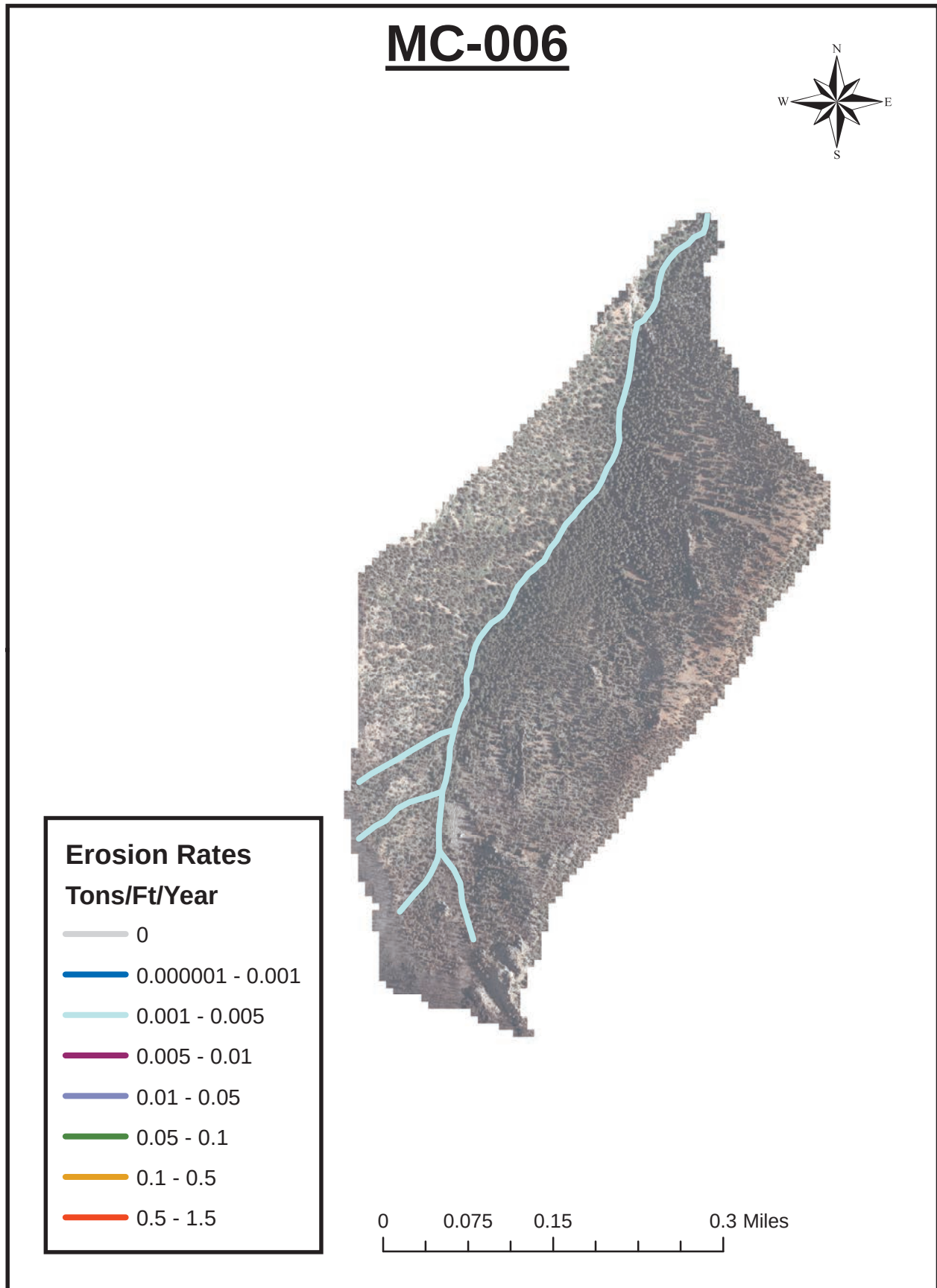
MC-006



0 0.075 0.15 0.3 Miles

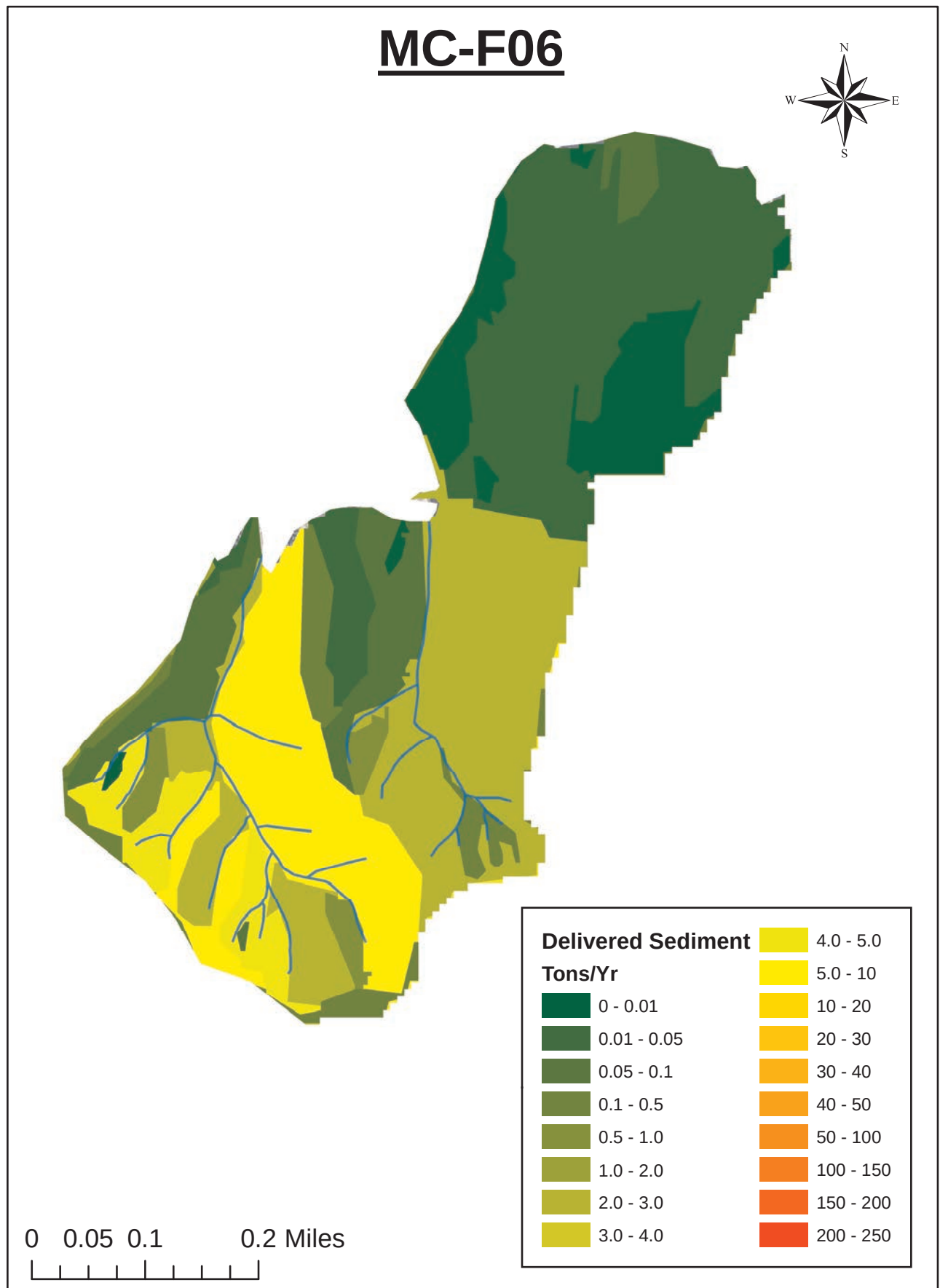
Delivered Sediment	
Tons/Yr	
0 - 0.01	4.0 - 5.0
0.01 - 0.05	5.0 - 10
0.05 - 0.1	10 - 20
0.1 - 0.5	20 - 30
0.5 - 1.0	30 - 40
1.0 - 2.0	40 - 50
2.0 - 3.0	50 - 100
3.0 - 4.0	100 - 150
	150 - 200
	200 - 250

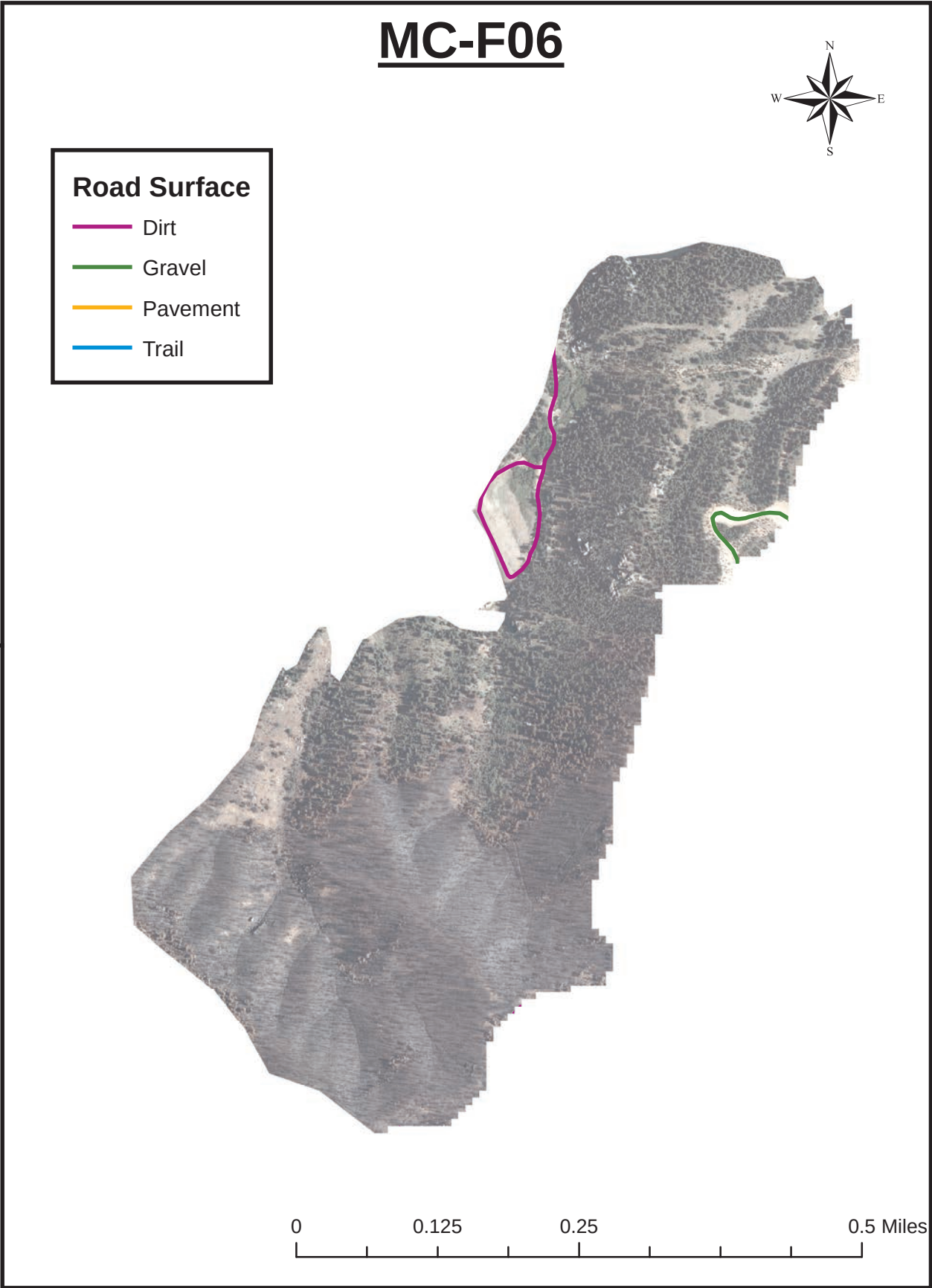


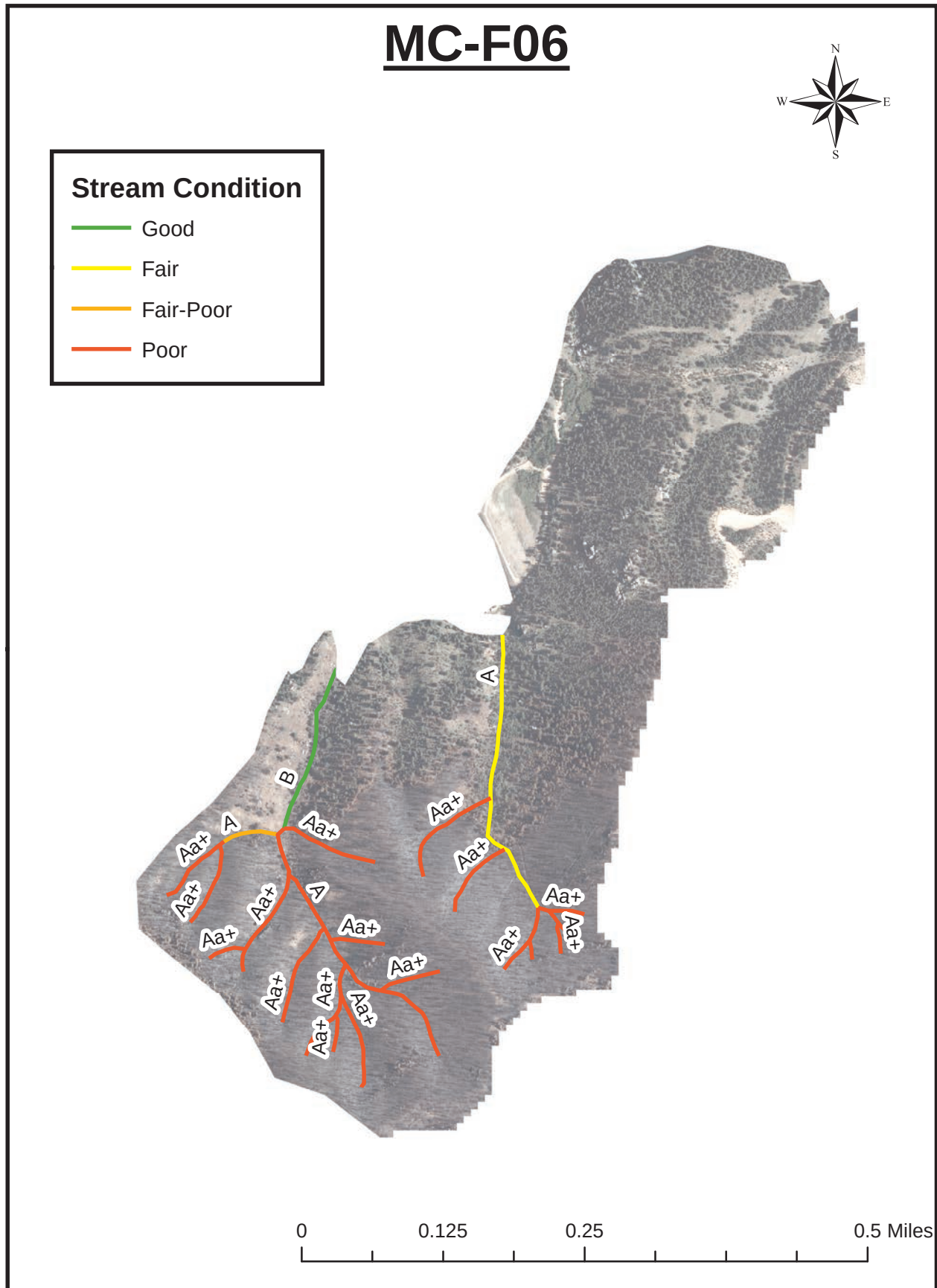


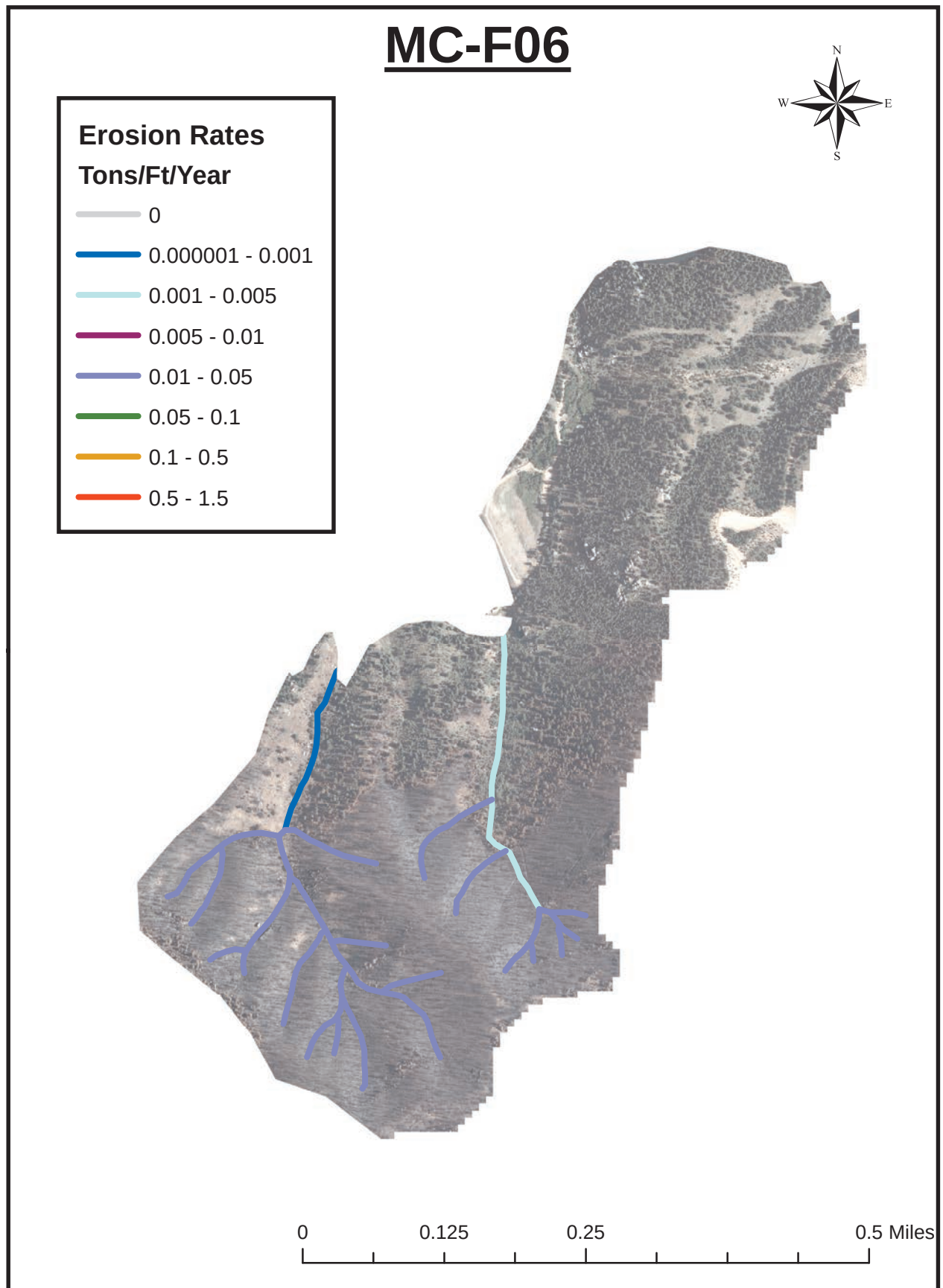
Monument Creek, Sub-Watershed F06 (MC-F06)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F06								
Watershed Characteristics	Drainage Area (mi ²)	0.22		High	Moderate	Low	Unburned					
		Burn Severity (%)		0.0%	0.0%	6.0%	94.0%					
	Drainage Density	8.64										
		Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		61%	31%	8%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor							
	Percent of Stream Conditions	8%	14%	3%	75%	Total Erosion (tons/yr)	141					
		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%	14%	0%	78%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	2,519		Sediment from Surface Erosion (tons/yr)		37.05						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		37						
Hydrology		Q _{BKF} (cfs)	1.7197	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)	187		200	13							
	Flow-Related Sediment (tons/yr)	13		713	701							
Erosion Summary			Banks	Roads	Surface Erosion	Streambed						
	Total Introduced Sediment (tons/yr)	178	Sediment (tons/yr)	141	0	37	535					
	Total Flow Related Sediment (tons/yr)	713	Percent of Total Yield	20%	0%	5%	75%					
		☒ Degradation		☐ Aggradation								





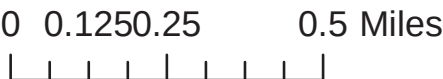
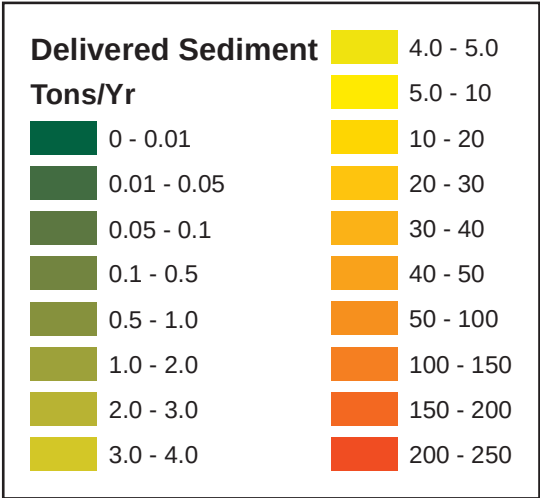
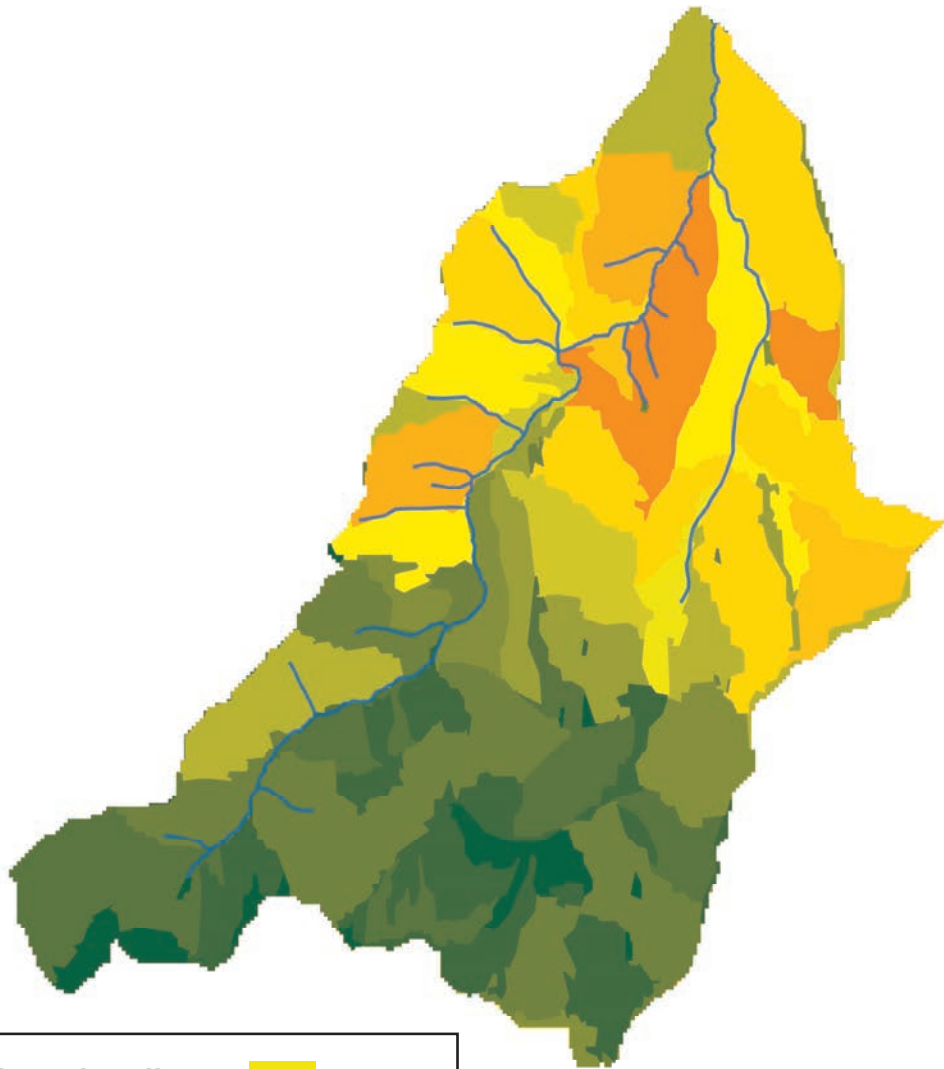


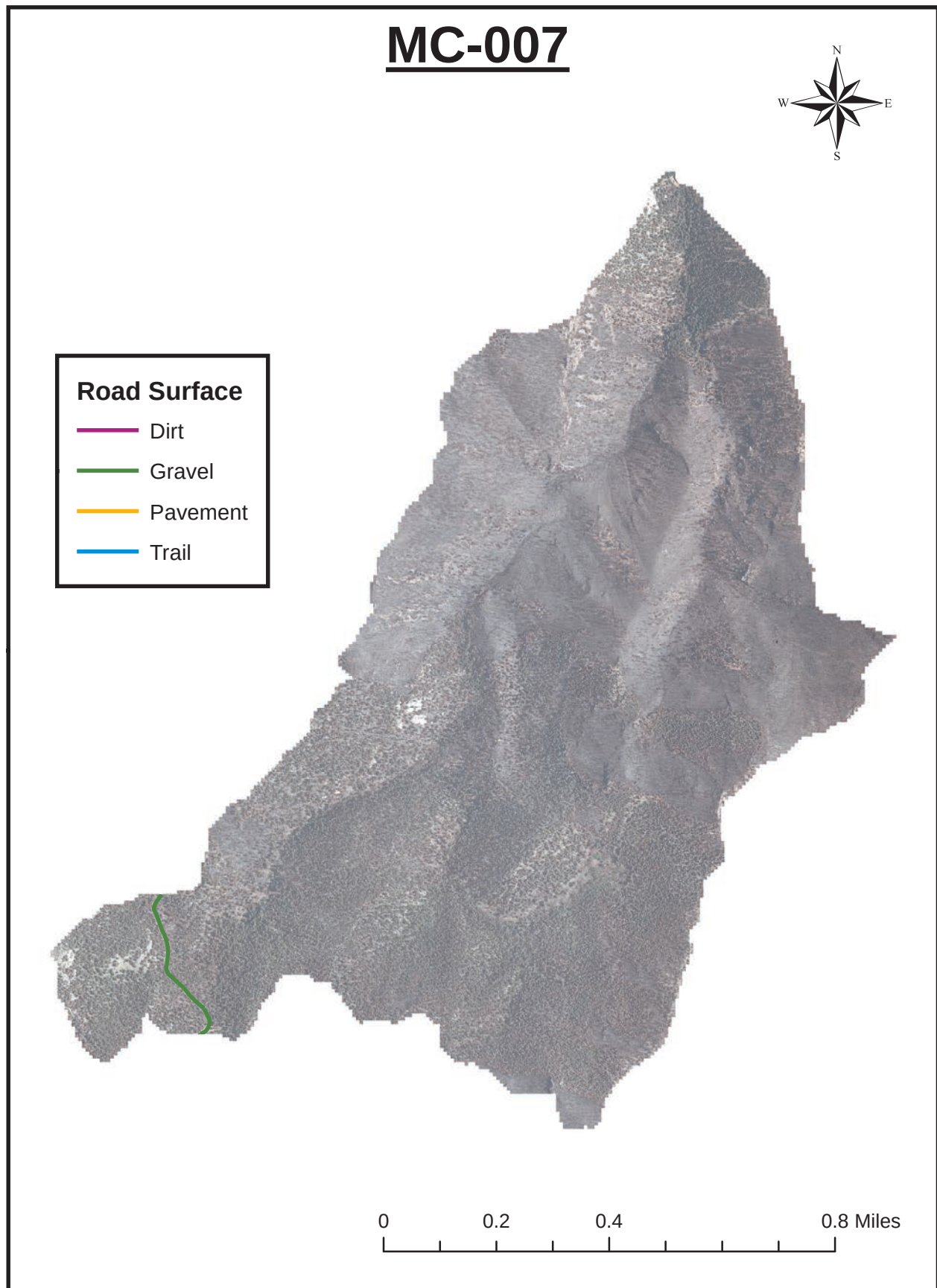


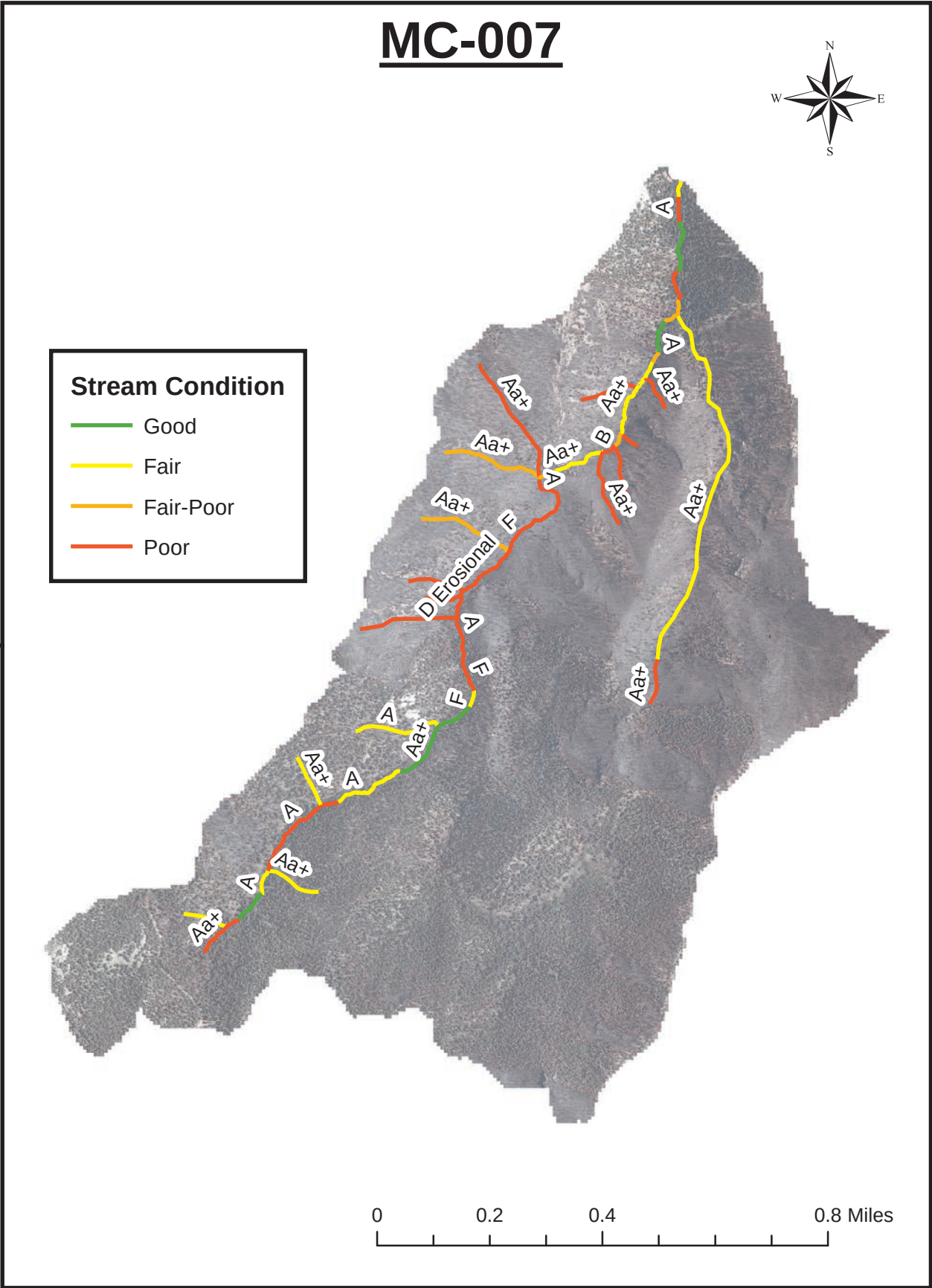
Monument Creek, Sub-Watershed 007 (MC-007)

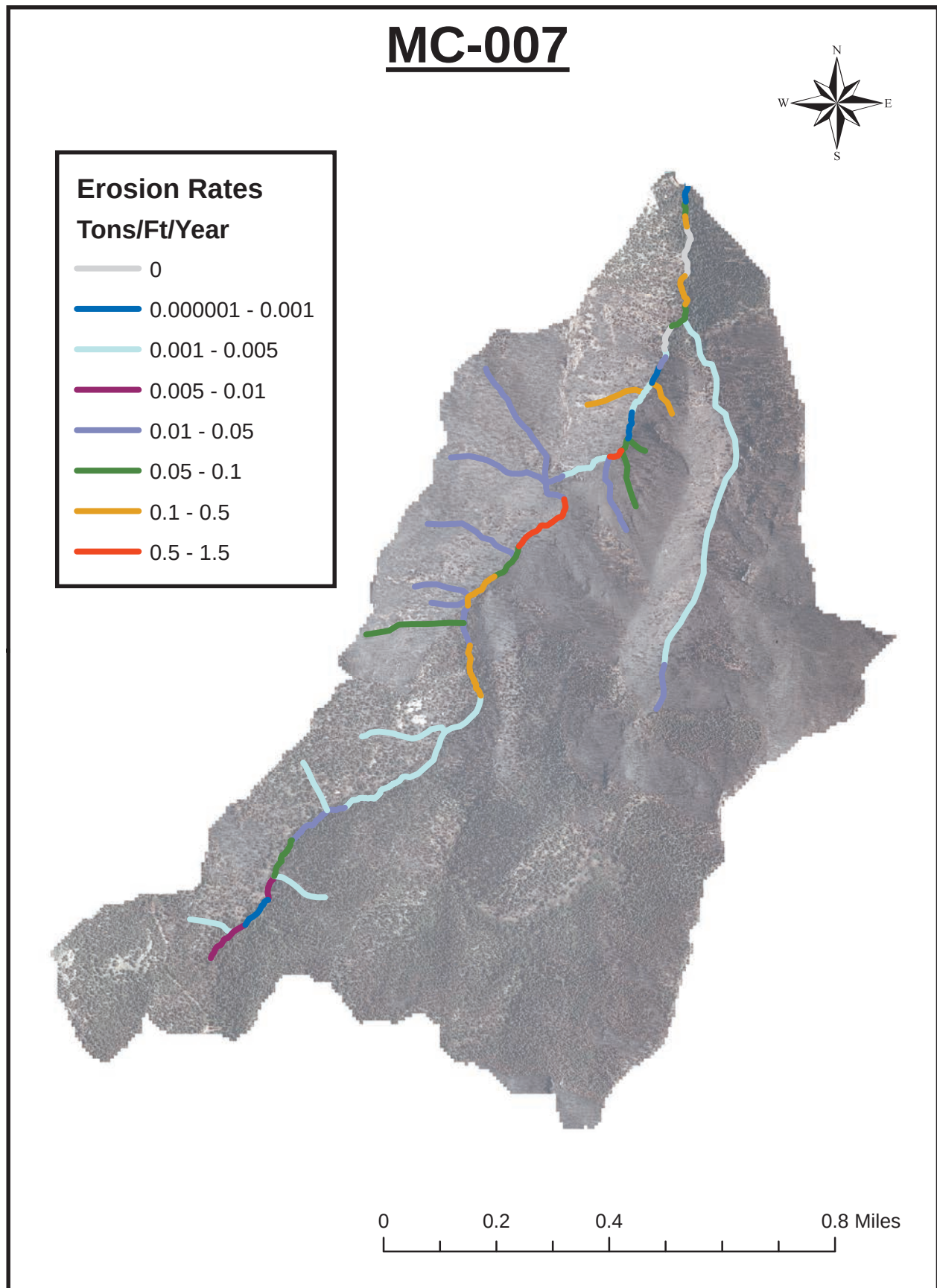
Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-007							
Watershed Characteristics	Drainage Area (mi ²)	1.14		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	9.0%	12.0%	78.0%			
	Drainage Density	4.02									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		64%	12%	3%	0%	5%	10%	0%	6%	1%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	9%	36%	11%	45%	Total Erosion (tons/yr)	1,426				
	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%	5%	11%	8%	49%	12%	9%	3%	0%	
Hillslope Processes	Length of Road (ft)	1,548		Sediment from Surface Erosion (tons/yr)		678.13					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		678					
Hydrology	Q _{BKF} (cfs)	5.1288		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			556	773	216					
	Flow-Related Sediment (tons/yr)			22	2,936	2,914					
Erosion Summary	Total Introduced Sediment (tons/yr)	2,104		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	1,426	0	678	832			
	Total Flow Related Sediment (tons/yr)	2,936		Percent of Total Yield	49%	0%	23%	28%			
☒ Degradation ☐ Aggradation											

MC-007



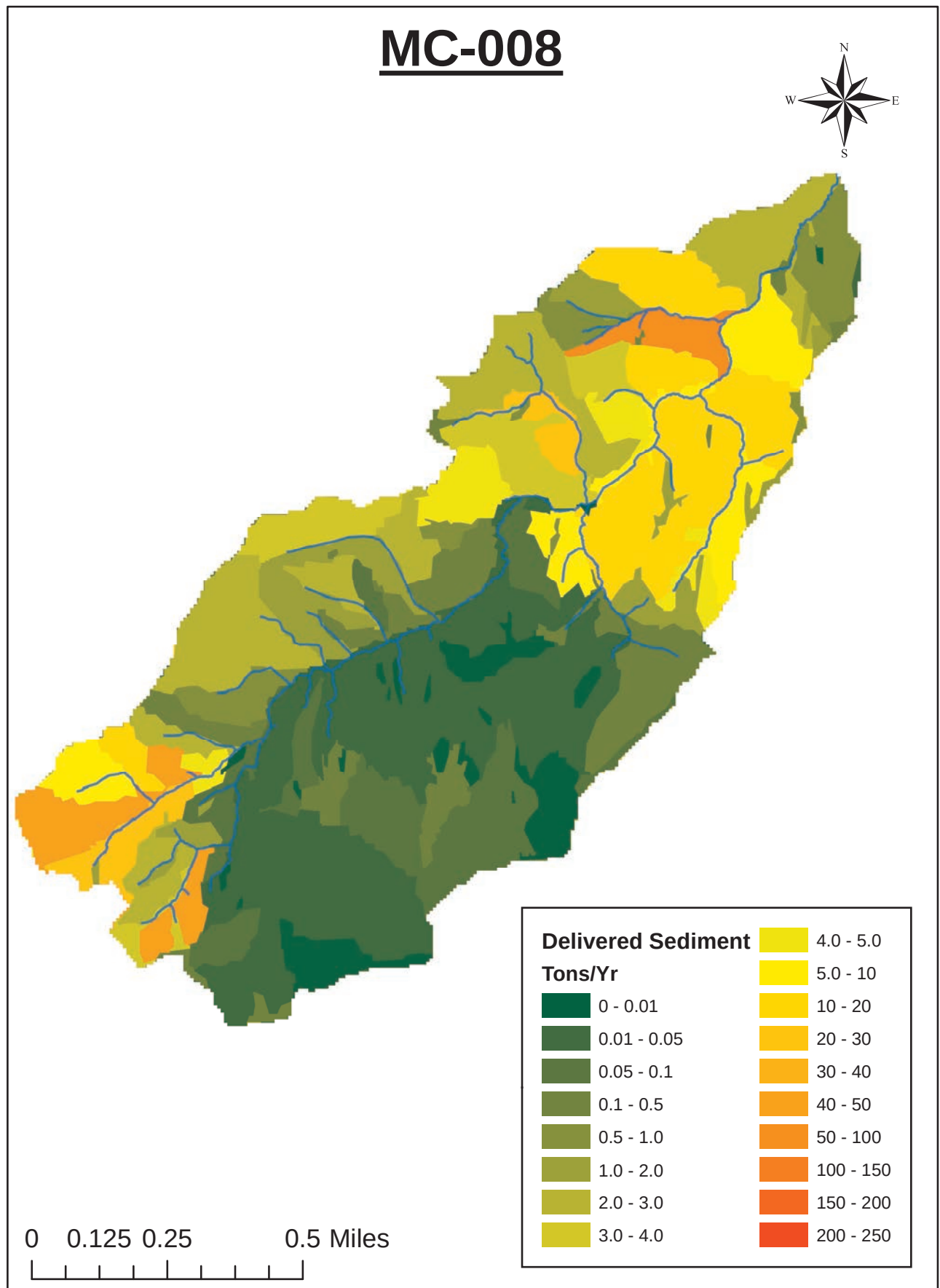


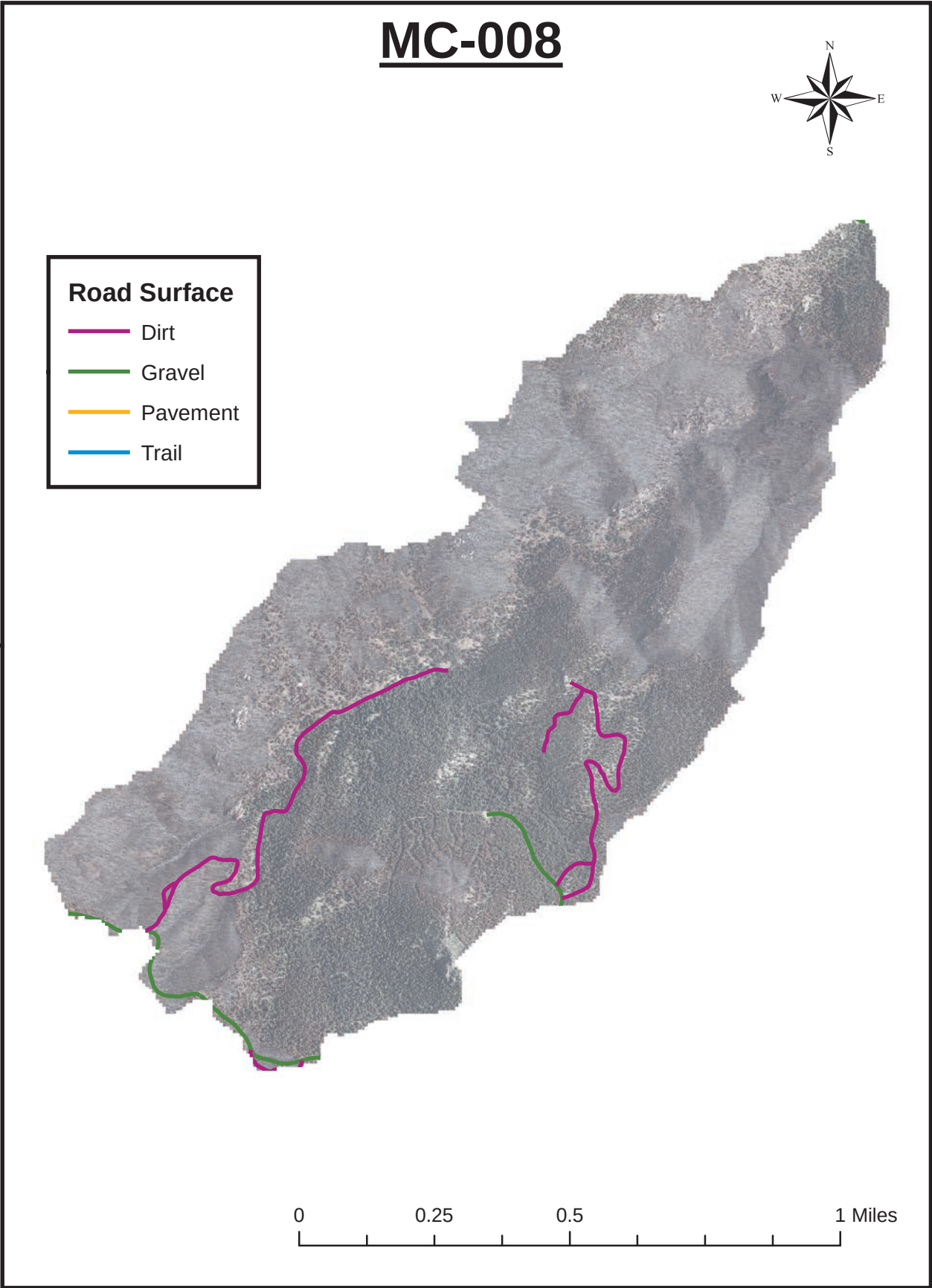


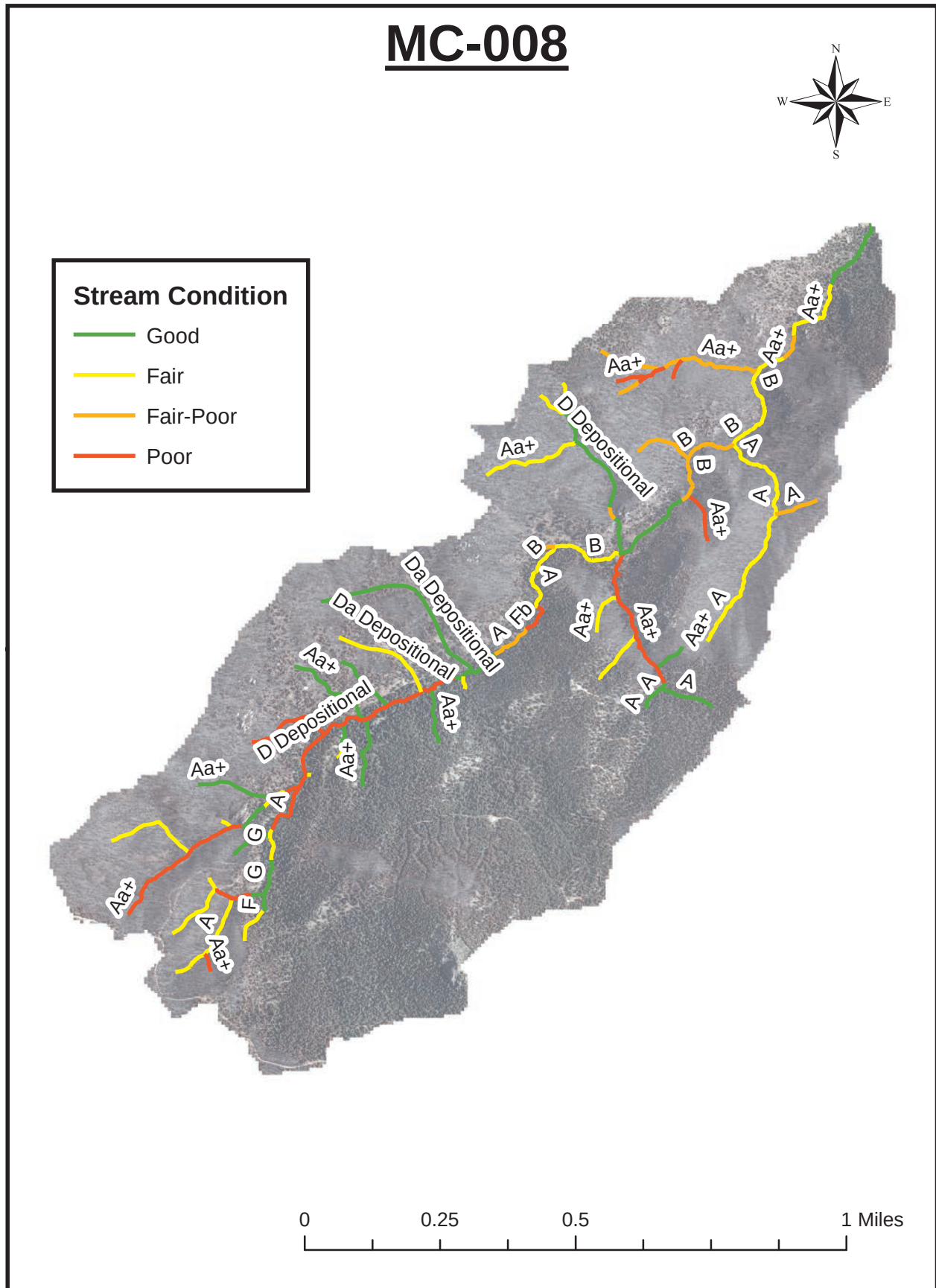


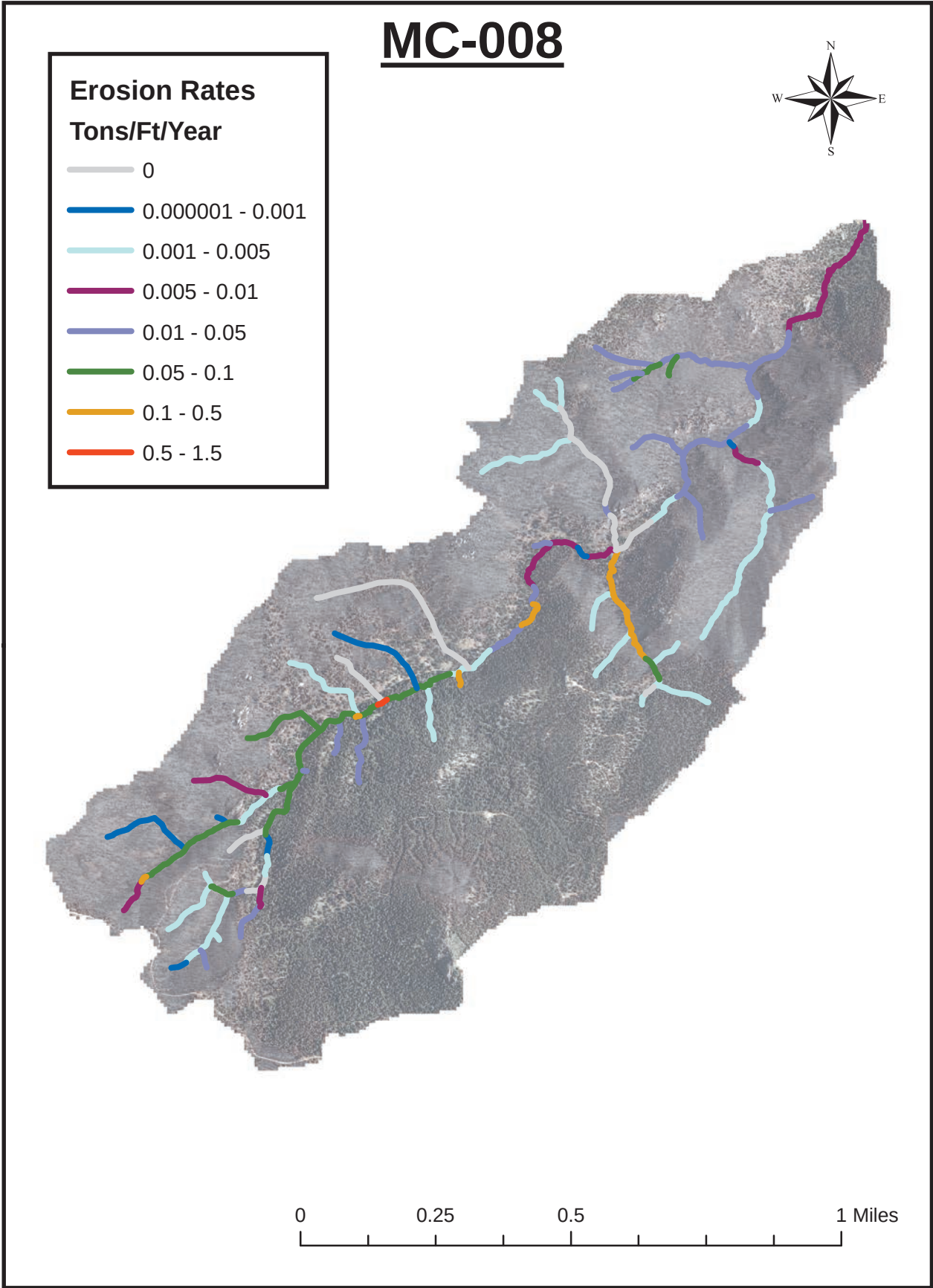
Monument Creek, Sub-Watershed 008 (MC-008)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-008							
Watershed Characteristics	Drainage Area (mi ²)	1.11		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	2.0%	9.0%	89.0%			
	Drainage Density	6.83									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		42%	16%	10%	0%	15%	14%	0%	0%	1%	1%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	31%	34%	12%	23%	Total Erosion (tons/yr)	1,157				
	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	13%	1%	14%	17%	35%	14%	5%	0%	0%	
Hillslope Processes	Length of Road (ft)	15,062		Sediment from Surface Erosion (tons/yr)	485.60						
	Total Sediment from Roads (tons/yr)	17.02		Introduced Sediment Roads & Hillslope (tons/yr)	503						
Hydrology		Q _{BKF} (cfs)	5.0389	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	547		793	246						
	Flow-Related Sediment (tons/yr)	22		3,134	3,112						
Erosion Summary	Total Introduced Sediment (tons/yr)	1,660		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				1,157	17	486	1,474				
	Total Flow Related Sediment (tons/yr)	3,134		Percent of Total Yield	37%	1%	15%	47%			
☒ Degradation ☐ Aggradation											





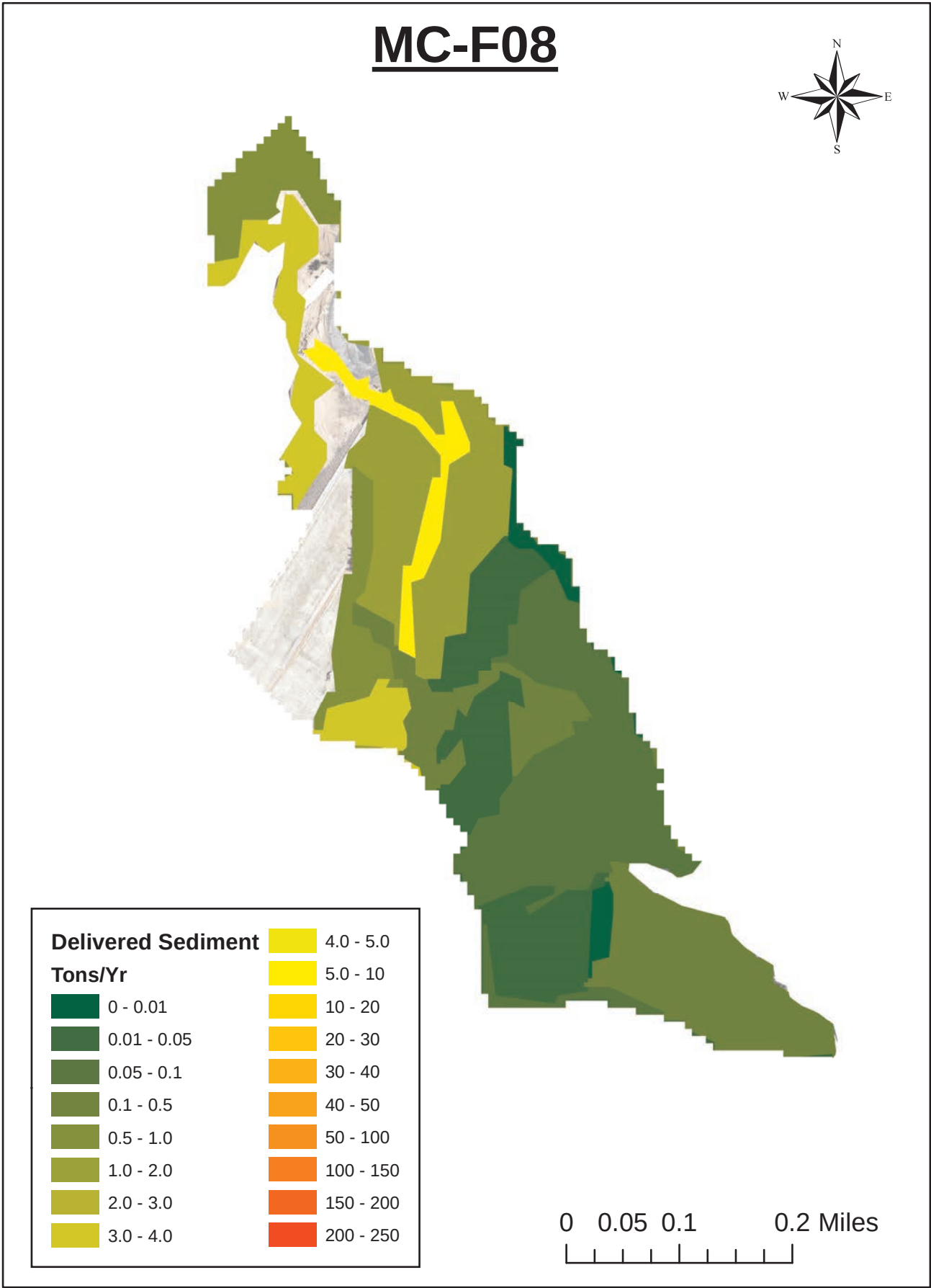


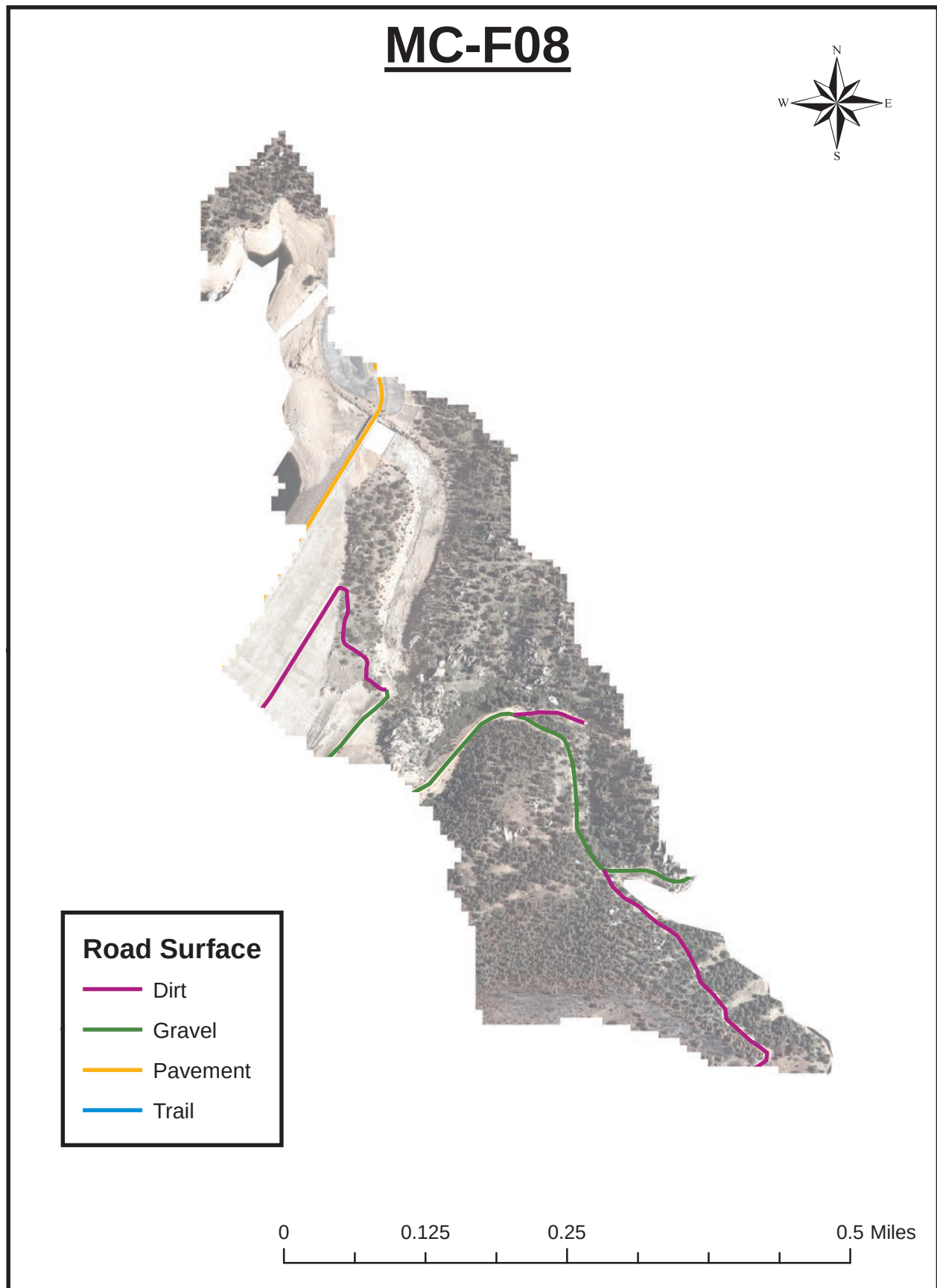


Monument Creek, Sub-Watershed F08 (MC-F08)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F08							
Watershed Characteristics	Drainage Area (mi ²)	0.15		High	Moderate	Low	Unburned				
	Burn Severity (%)		0.0%	10.0%	16.0%	74.0%					
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion	Percent of Stream Conditions		Good	Fair	Fair-Poor	Poor	Total Erosion (tons/yr)		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%	0%	0%	0%	0%
Hillslope Processes	Length of Road (ft)	6,099		Sediment from Surface Erosion (tons/yr)		19.17					
	Total Sediment from Roads (tons/yr)	4.36		Introduced Sediment Roads & Hillslope (tons/yr)		24					
Hydrology	Q _{BKF} (cfs)	1.3589		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	147		N/A	N/A						
	Flow-Related Sediment (tons/yr)	12		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	24		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
	Total Flow Related Sediment (tons/yr)	N/A			0	4	19	N/A			
			Percent of Total Yield	N/A	N/A	N/A	N/A				

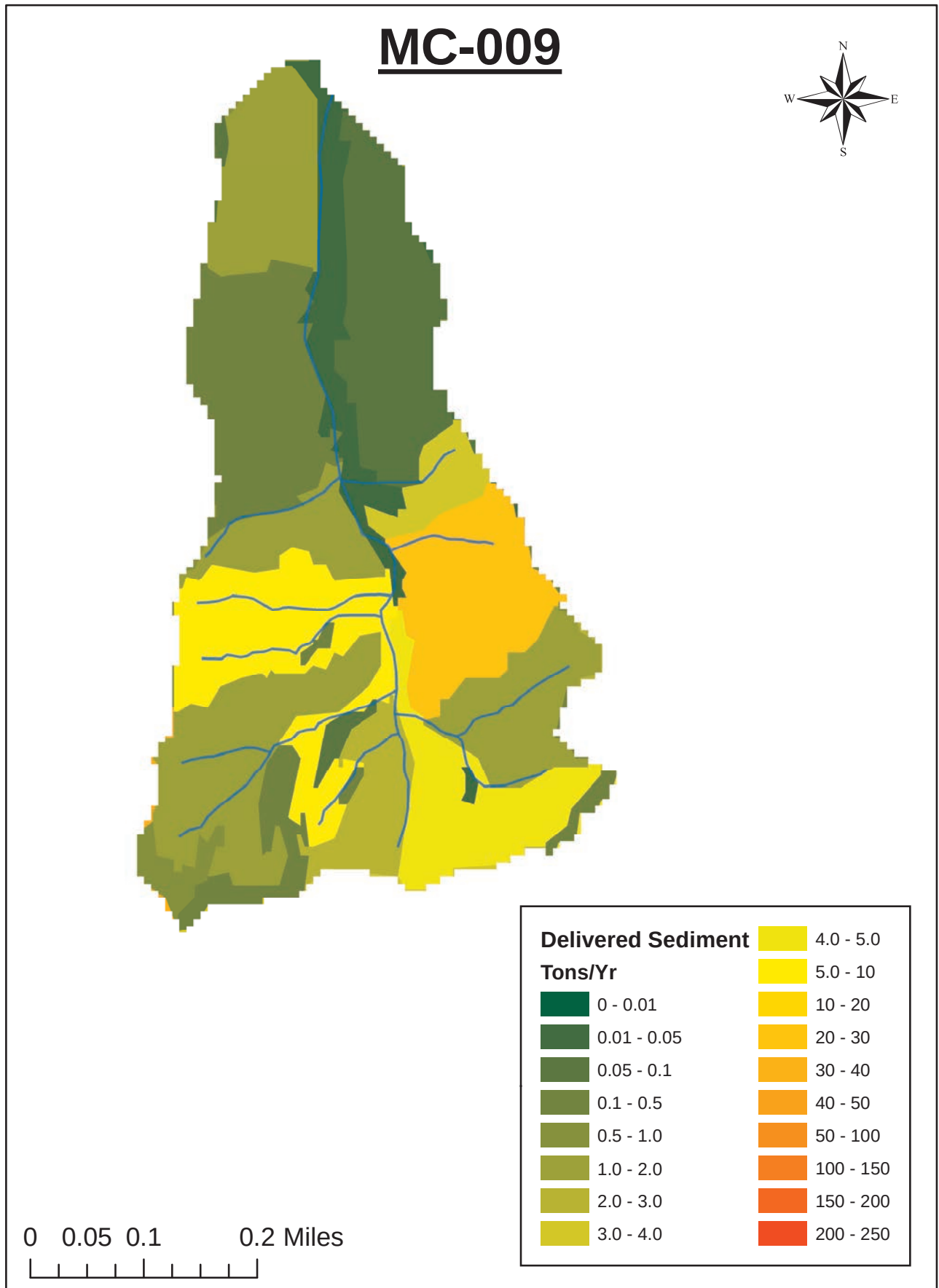
☐ Degradation ☐ Aggradation

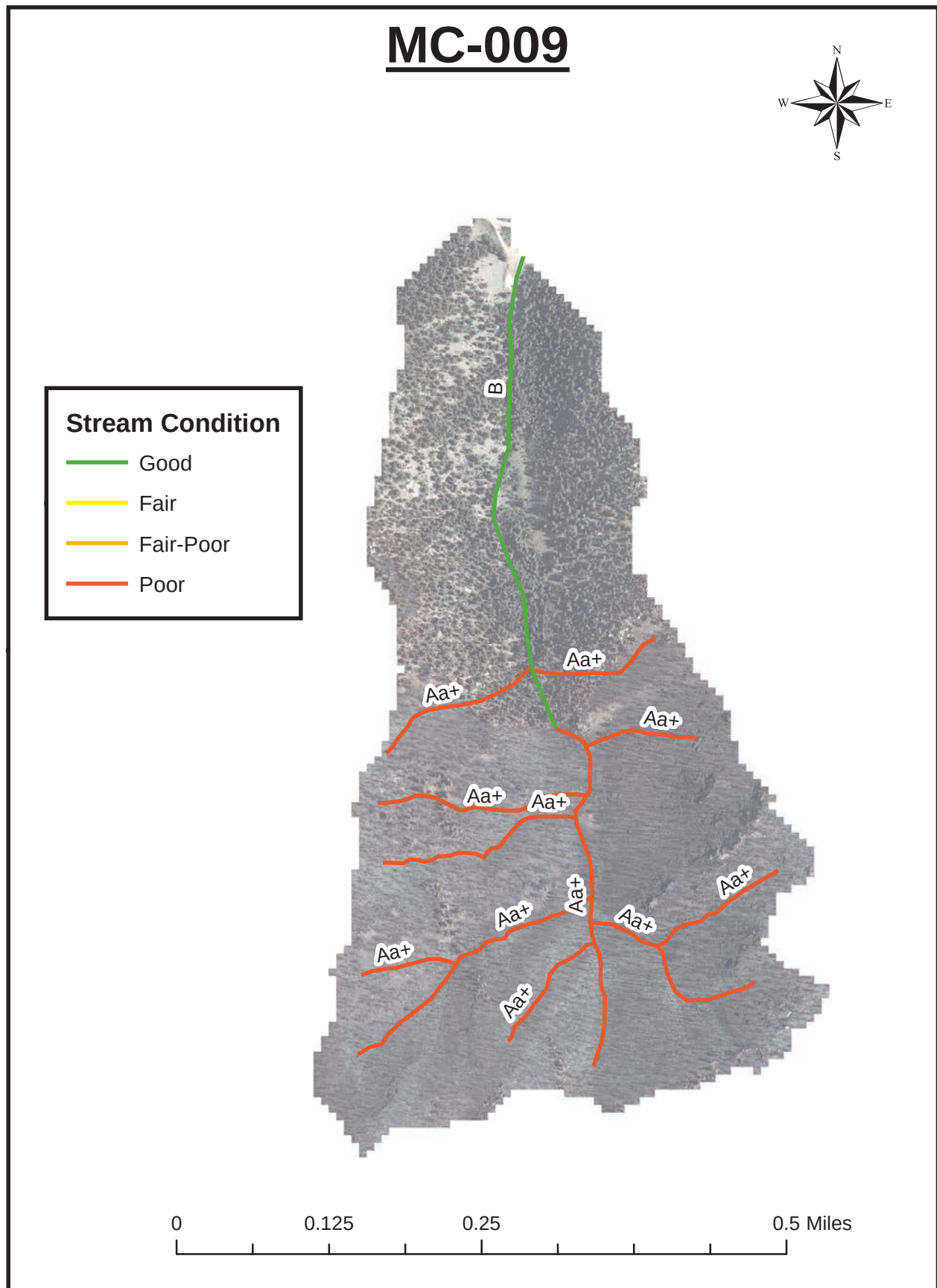


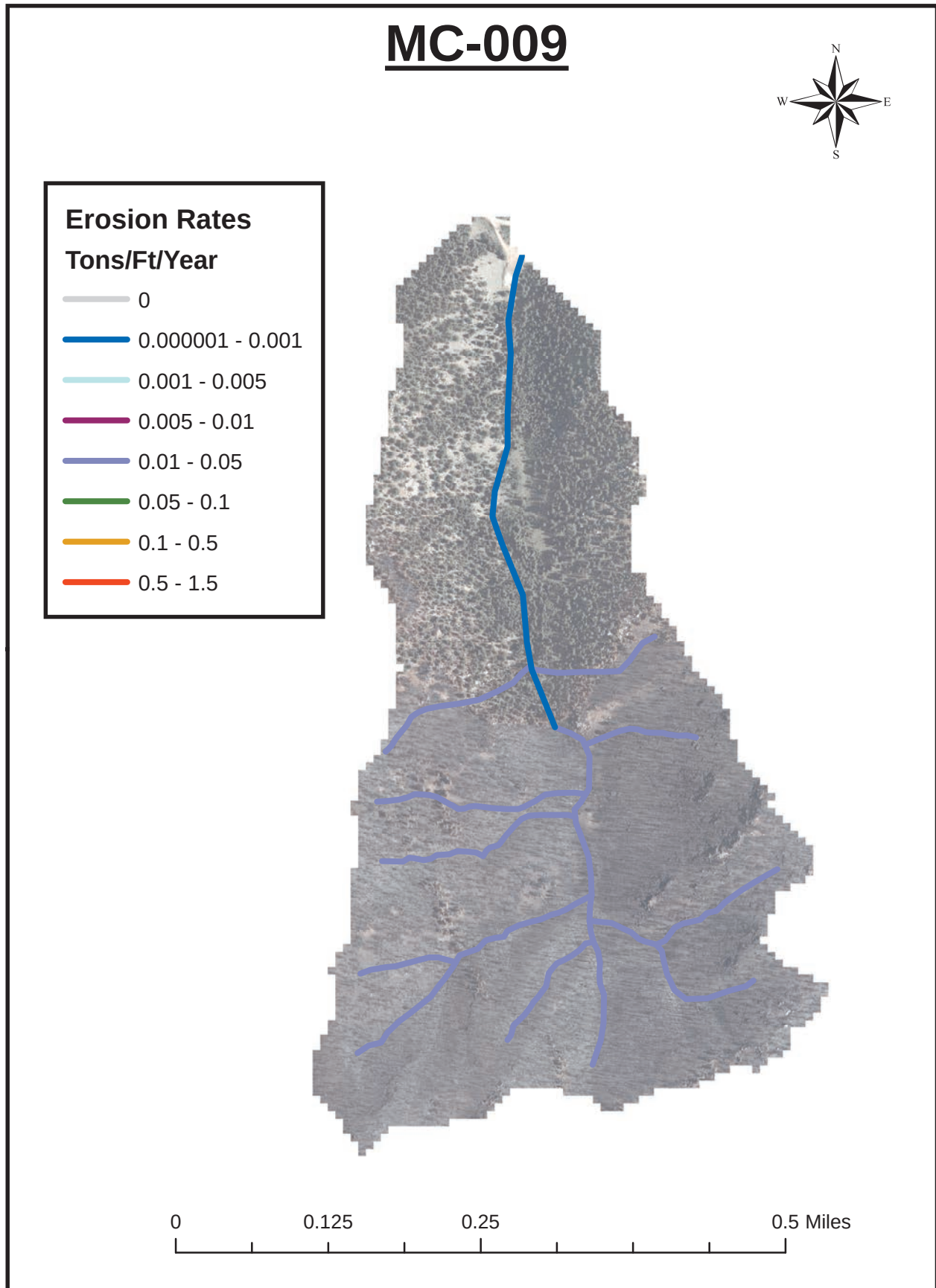


Monument Creek, Sub-Watershed 009 (MC-009)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-009							
Watershed Characteristics	Drainage Area (mi ²)	0.19		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	1.0%	7.0%	93.0%			
	Drainage Density	11.42									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		80%	0%	20%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	20%	0%	0%	80%	Total Erosion (tons/yr)	137				
	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%	20%	0%	0%	80%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	56.86						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	57						
Hydrology		Q _{BKF} (cfs)	1.5742	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	171		212	42						
	Flow-Related Sediment (tons/yr)	12		821	809						
Erosion Summary	Total Introduced Sediment (tons/yr)	194		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					137	0	57	627			
	Total Flow Related Sediment (tons/yr)	821		Percent of Total Yield	17%	0%	7%	76%			
		☒ Degradation		☐ Aggradation							

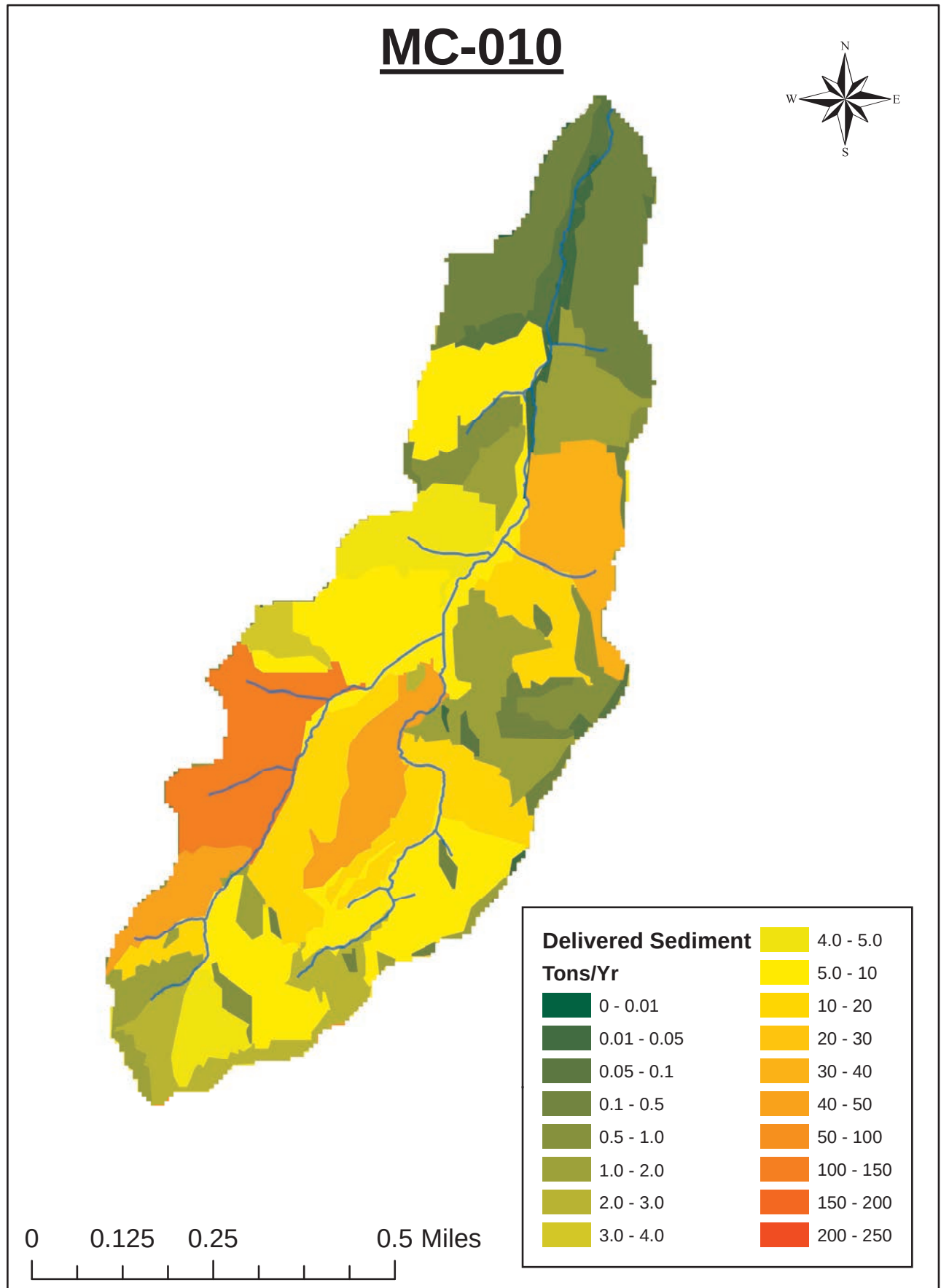


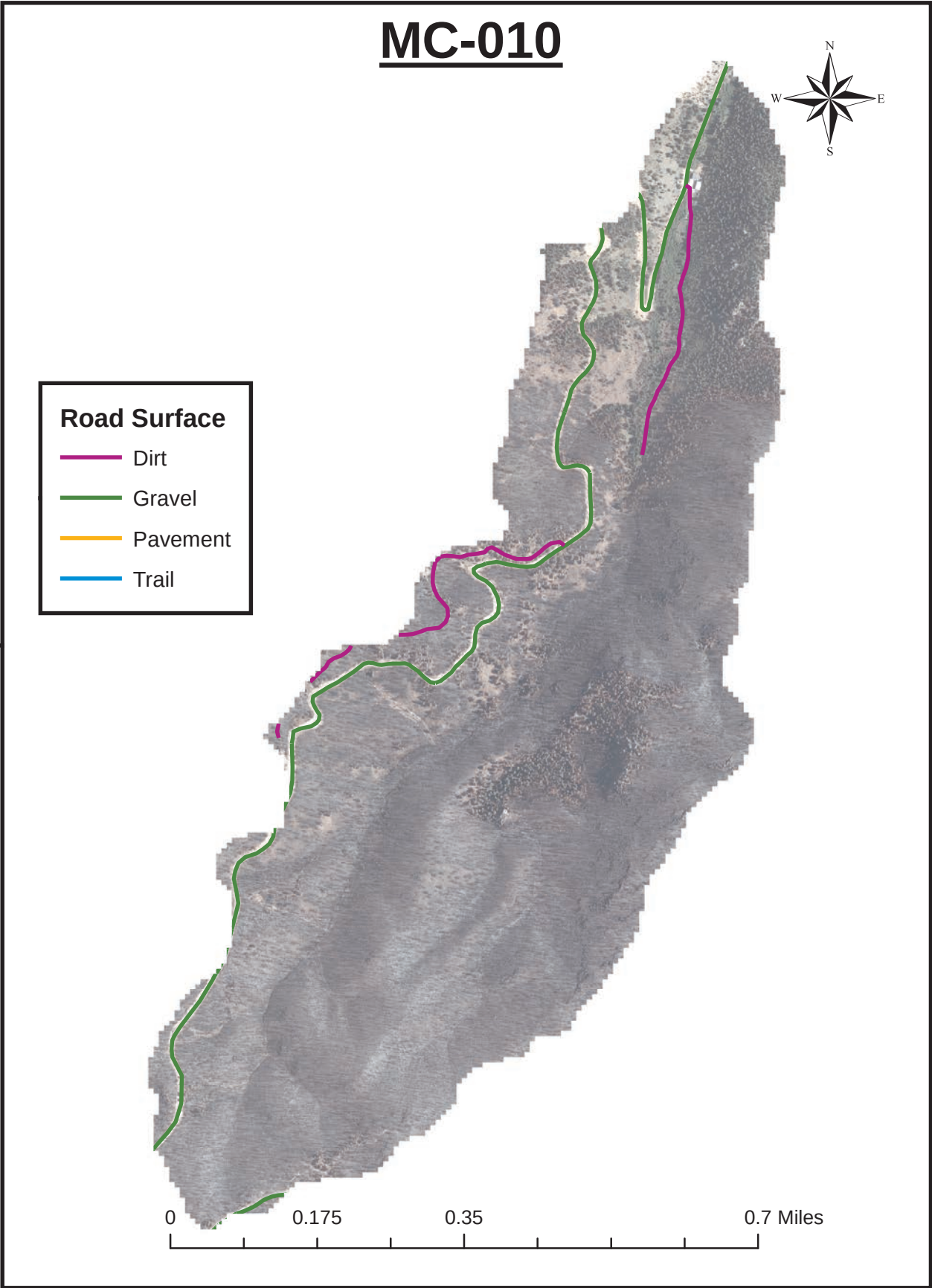


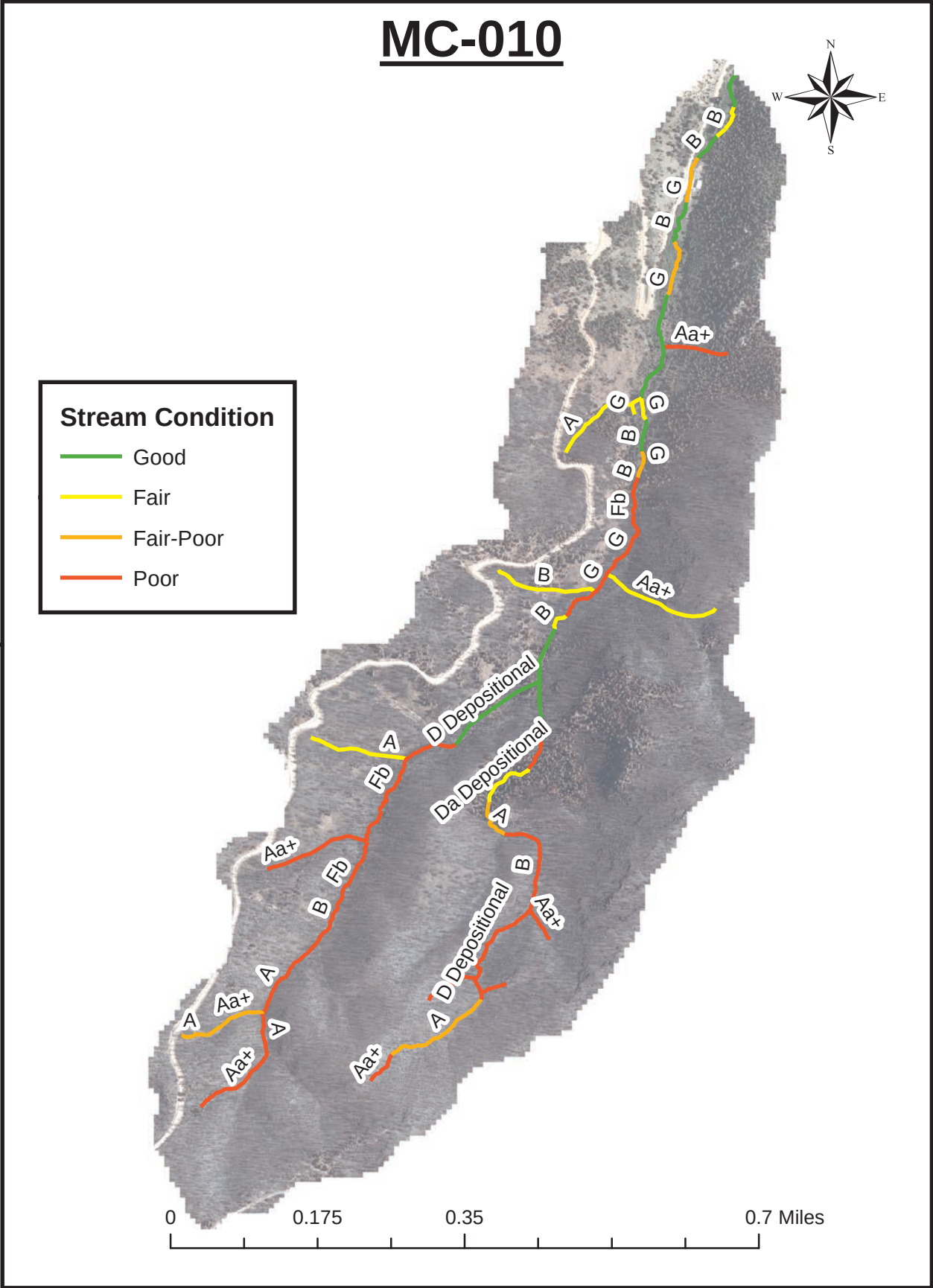


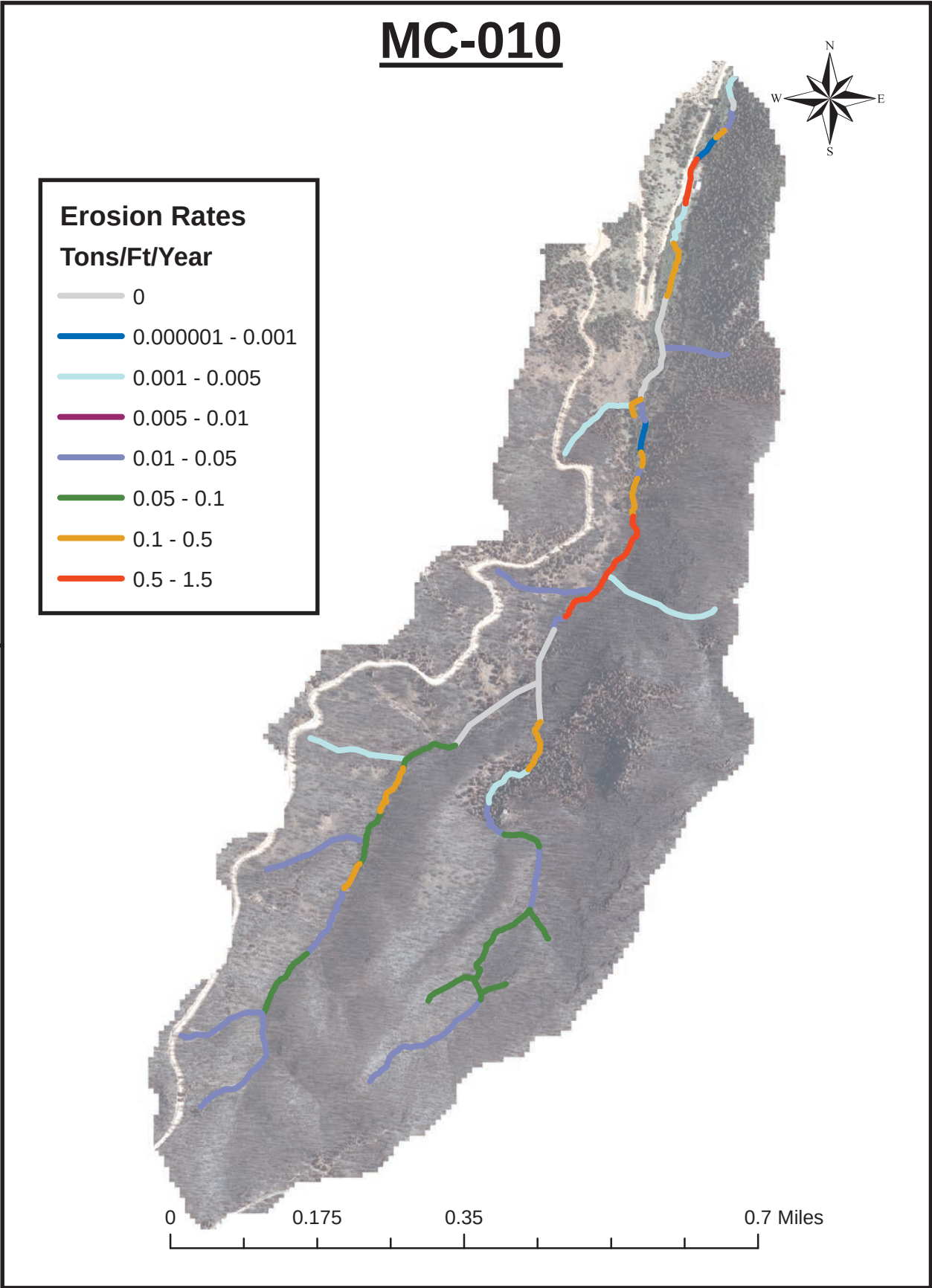
Monument Creek, Sub-Watershed 010 (MC-010)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-010								
Watershed Characteristics	Drainage Area (mi ²)	0.48		High	Moderate	Low	Unburned					
			Burn Severity (%)	0.0%	4.0%	19.0%	77.0%					
	Drainage Density	6.72										
			Aa+	A	B	C	D	Da+	E	F	Fb	G
		Stream Types (%)	18%	19%	17%	0%	23%	5%	0%	0%	6%	12%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		18%	21%	14%	47%	Total Erosion (tons/yr)	1,548				
			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%	1%	7%	4%	46%	14%	10%	7%	0%
Hillslope Processes	Length of Road (ft)	14,285		Sediment from Surface Erosion (tons/yr)		445.61						
	Total Sediment from Roads (tons/yr)	295.56		Introduced Sediment Roads & Hillslope (tons/yr)		741						
Hydrology			Q _{BKF} (cfs)	2.9099	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		316		430		114					
	Flow-Related Sediment (tons/yr)		16		1,682		1,665					
Erosion Summary	Total Introduced Sediment (tons/yr)	2,289		Banks	Roads	Surface Erosion	Streambed					
			Sediment (tons/yr)	1,548	296	446	-607					
	Total Flow Related Sediment (tons/yr)	1,682		Percent of Total Yield	N/A	N/A	N/A					
					N/A	N/A	N/A					
☐ Degradation ☒ Aggradation												





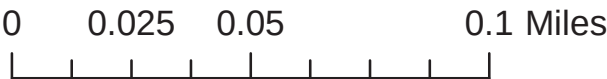
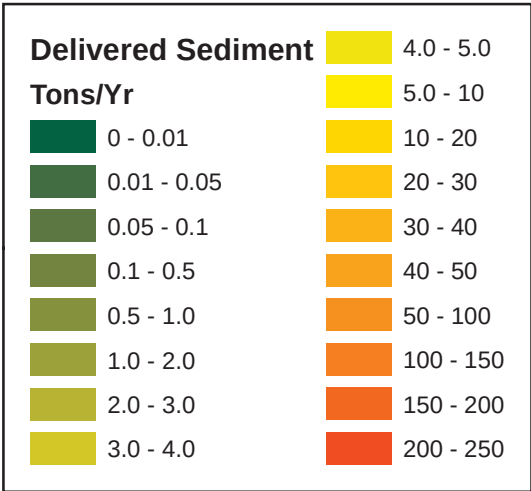


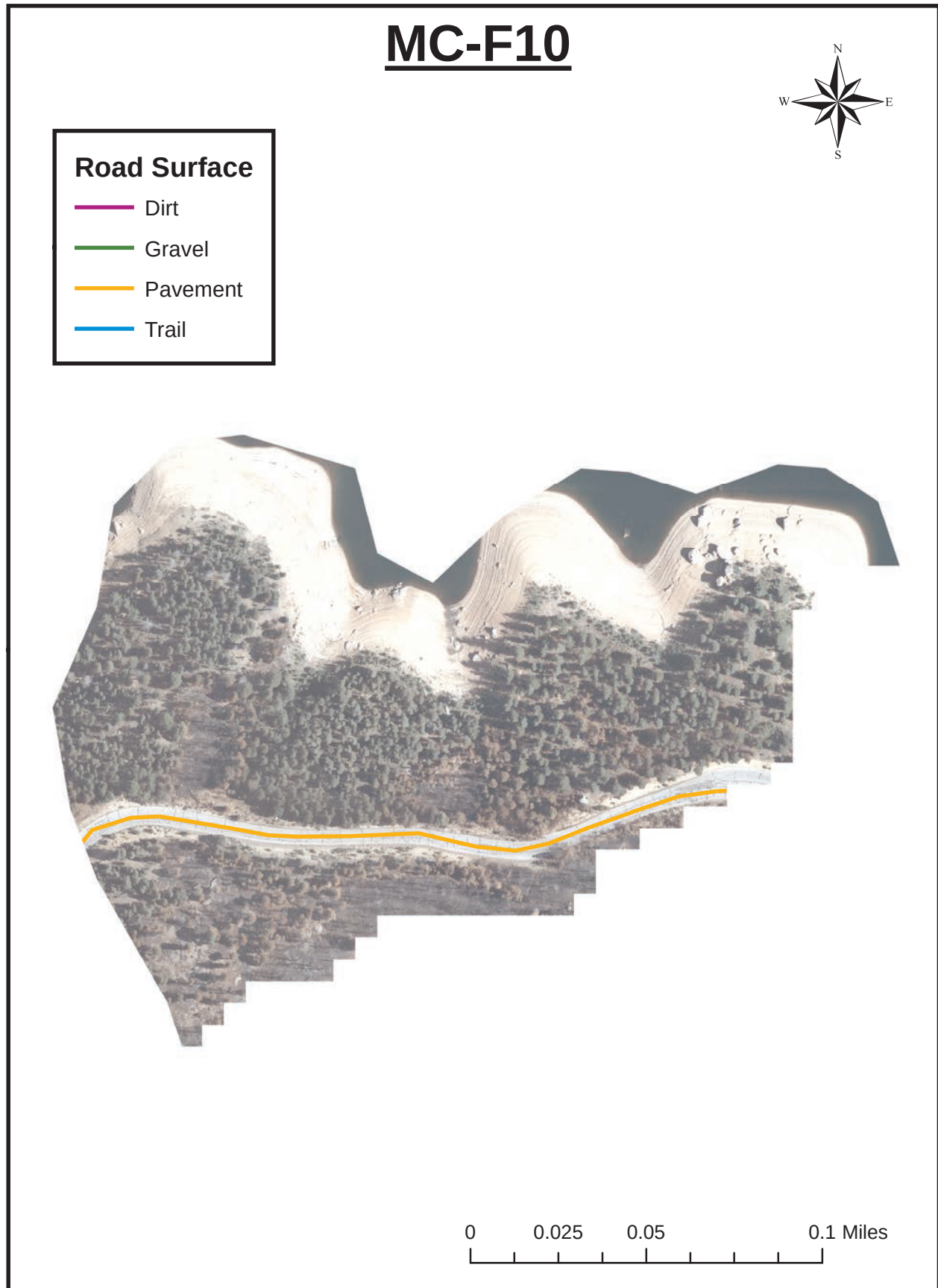


Monument Creek, Sub-Watershed F10 (MC-F10)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F10								
Watershed Characteristics	Drainage Area (mi ²)	0.03		High	Moderate	Low	Unburned					
			Burn Severity (%)	7.0%	30.0%	22.0%	41.0%					
	Drainage Density	0.00										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
			0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	0%	0%	0%	Total Erosion (tons/yr)		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%	0%	0%	0%	0%	0%
Hillslope Processes	Length of Road (ft)		998		Sediment from Surface Erosion (tons/yr)		2.28					
	Total Sediment from Roads (tons/yr)		0.25		Introduced Sediment Roads & Hillslope (tons/yr)		3					
Hydrology			Q _{BKF} (cfs)	0.415	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		45		N/A		N/A					
	Flow-Related Sediment (tons/yr)		7		N/A		N/A					
Erosion Summary	Total Introduced Sediment (tons/yr)		3		Banks	Roads	Surface Erosion	Streambed				
	Total Flow Related Sediment (tons/yr)		N/A		Sediment (tons/yr)	0	0	2	N/A			
					Percent of Total Yield	N/A	N/A	N/A	N/A			
				☐ Degradation		☐ Aggradation						

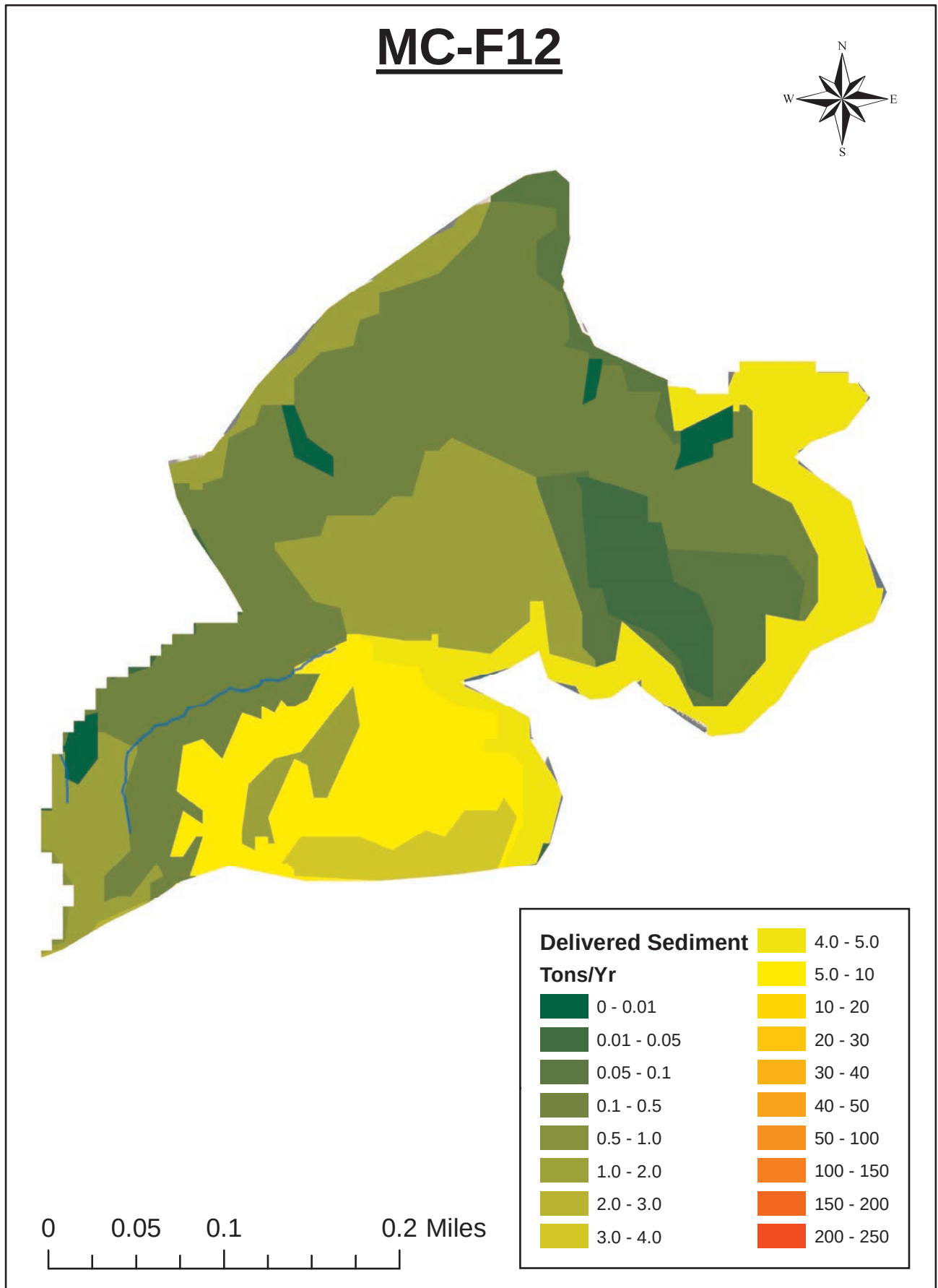
MC-F10

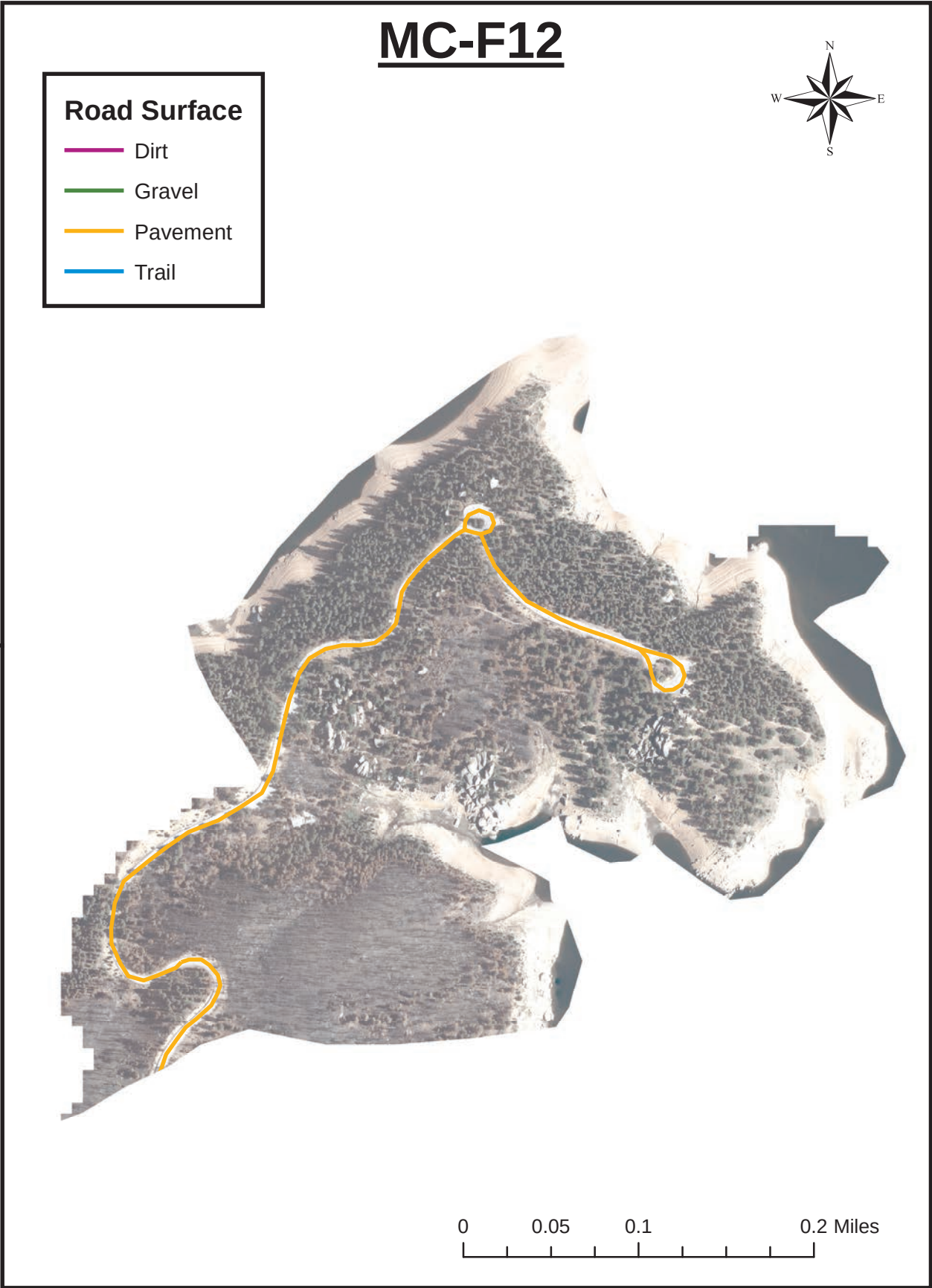


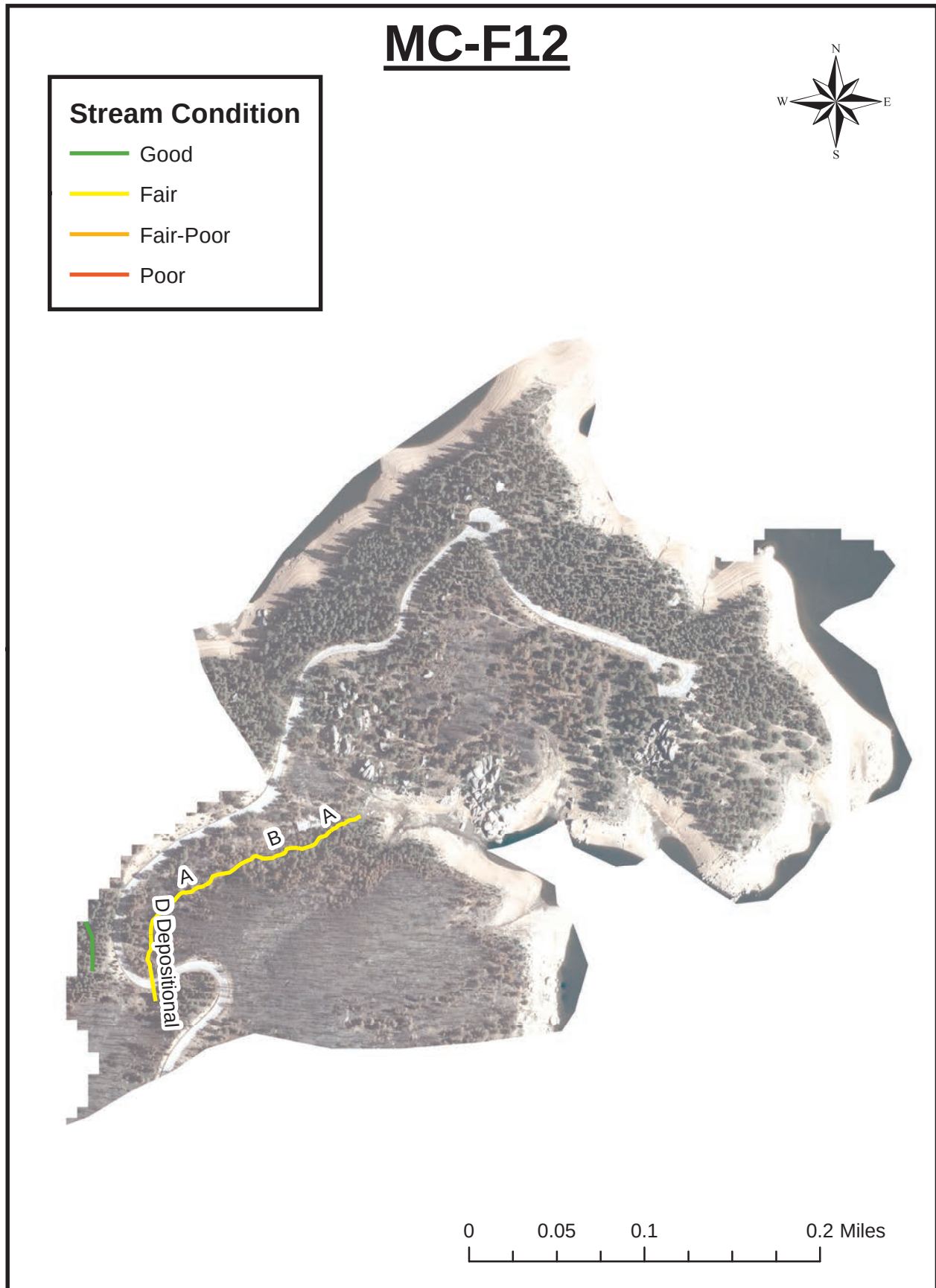


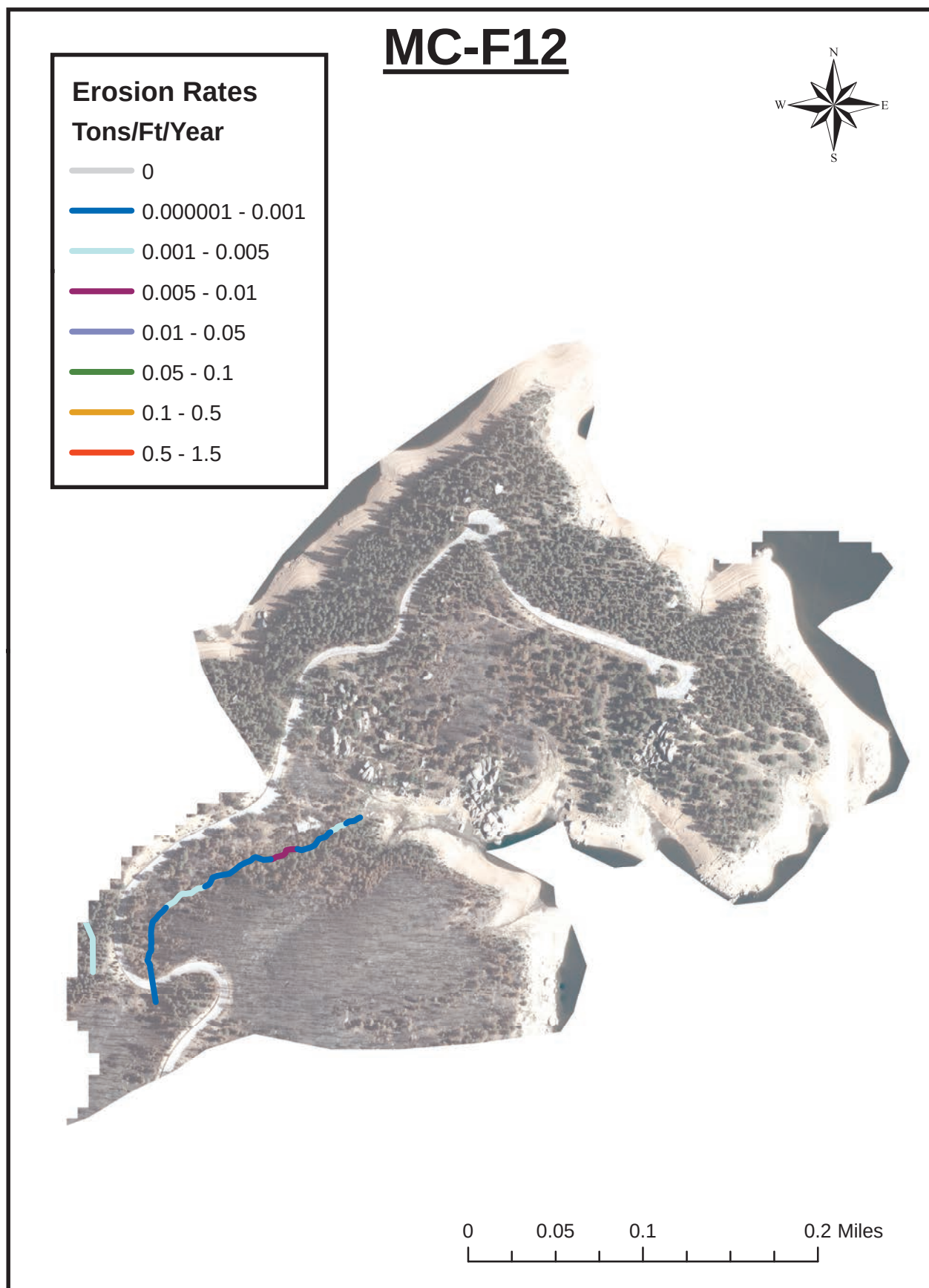
Monument Creek, Sub-Watershed F12 (MC-F12)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F12							
Watershed Characteristics	Drainage Area (mi ²)	0.11		High	Moderate	Low	Unburned				
				Burn Severity (%)	1.0%	15.0%	29.0%	55.0%			
	Drainage Density	1.72									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	20%	9%	0%	71%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	100%	0%	0%	Total Erosion (tons/yr)	2				
	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%	71%	20%	9%	0%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	3,828		Sediment from Surface Erosion (tons/yr)	24.71						
	Total Sediment from Roads (tons/yr)	0.49		Introduced Sediment Roads & Hillslope (tons/yr)	25						
Hydrology		Q _{BKF} (cfs)	1.1003	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	N/A		N/A	N/A	N/A					
	Flow-Related Sediment (tons/yr)	N/A		N/A	N/A	N/A					
Erosion Summary	Total Introduced Sediment (tons/yr)	27		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
					2	0	25	N/A			
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☒ Aggradation							



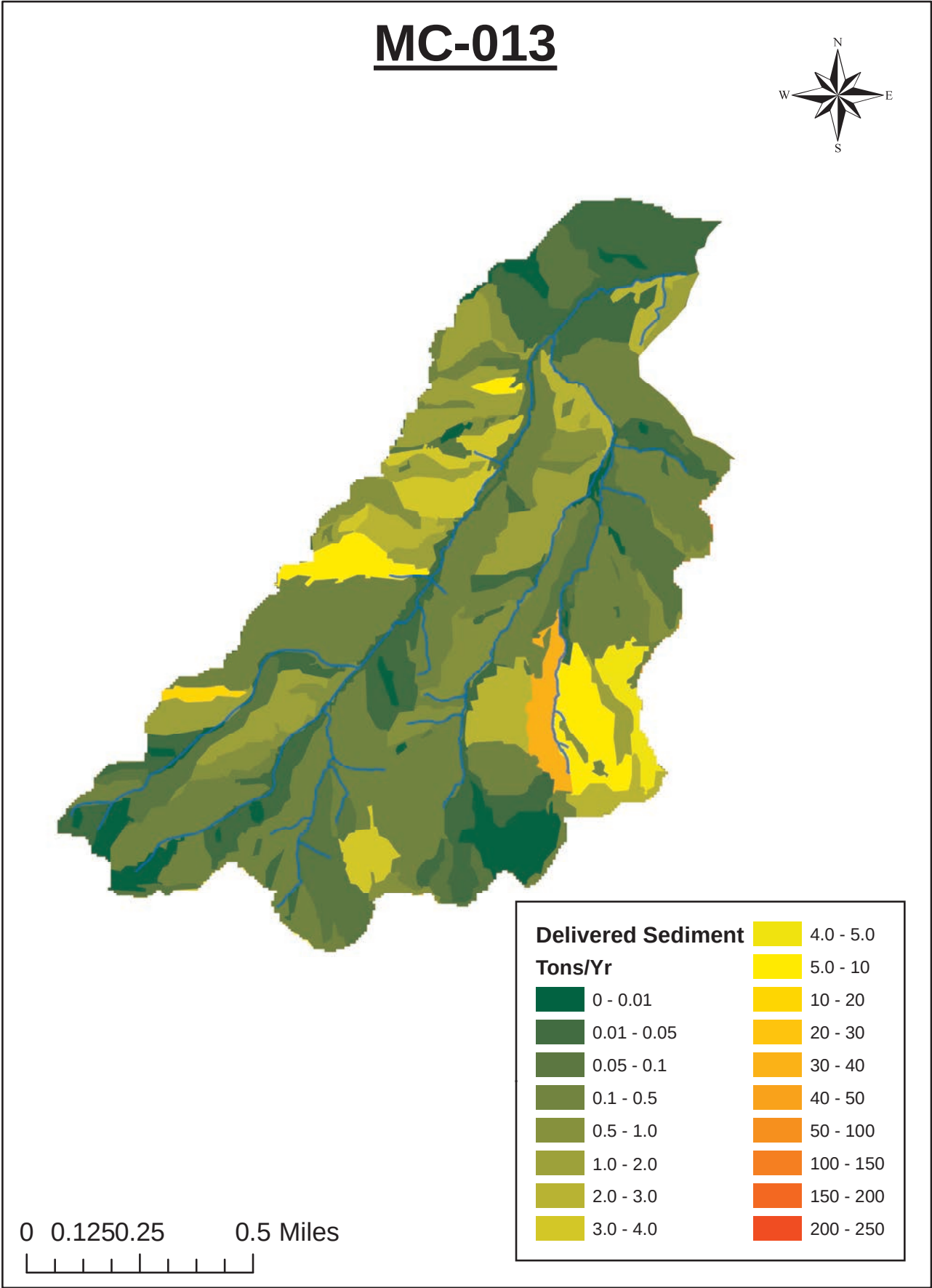


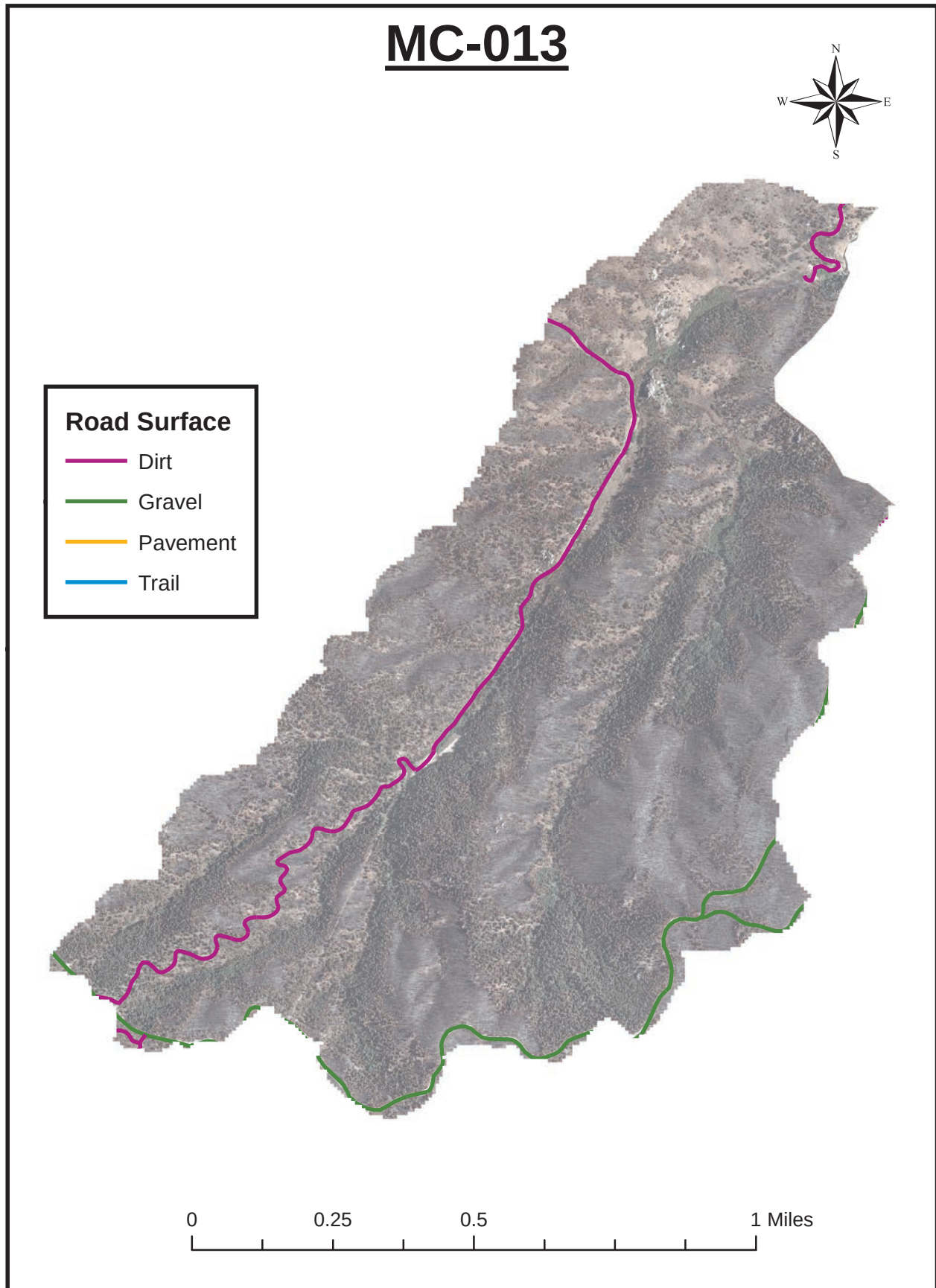


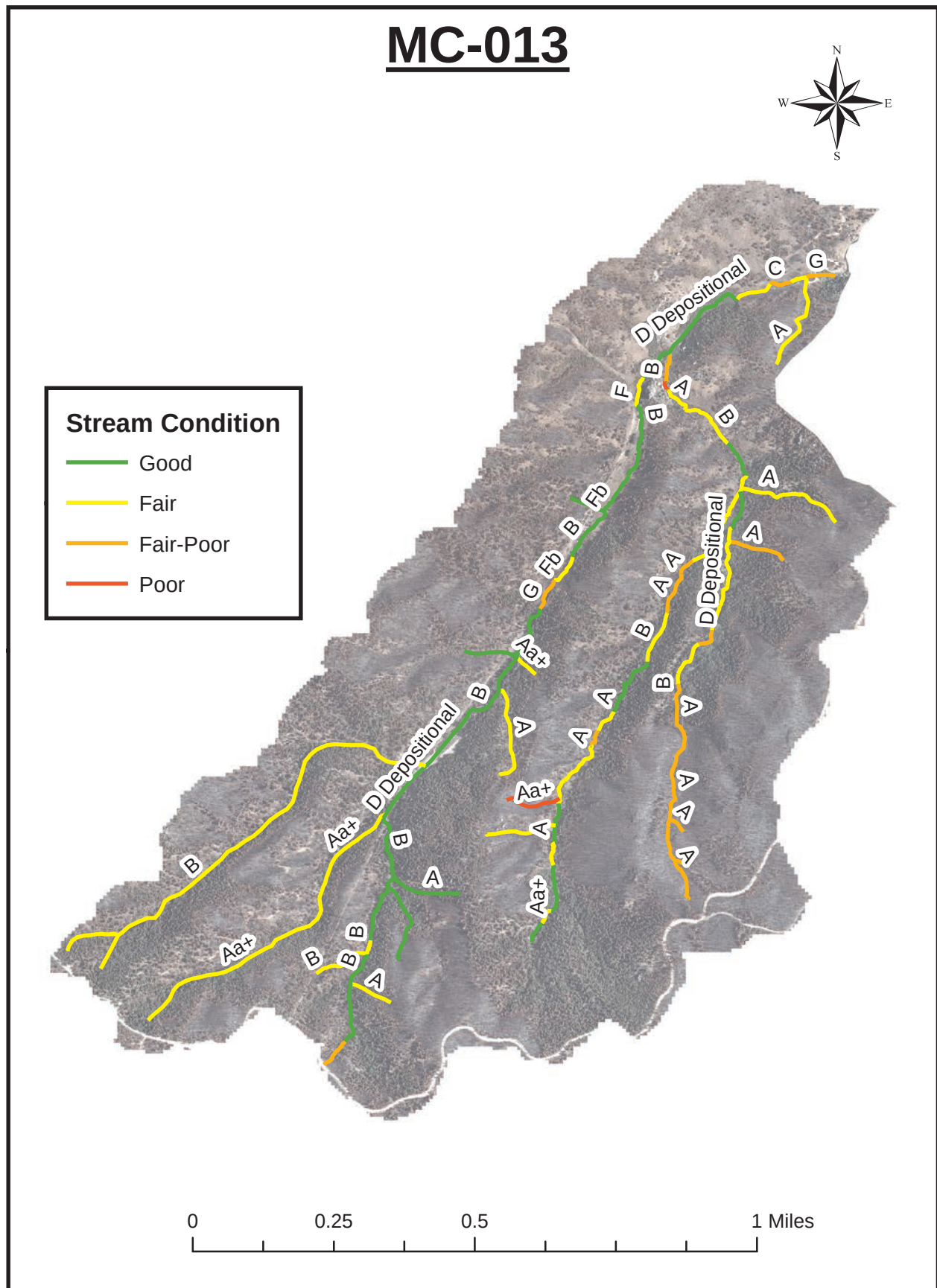


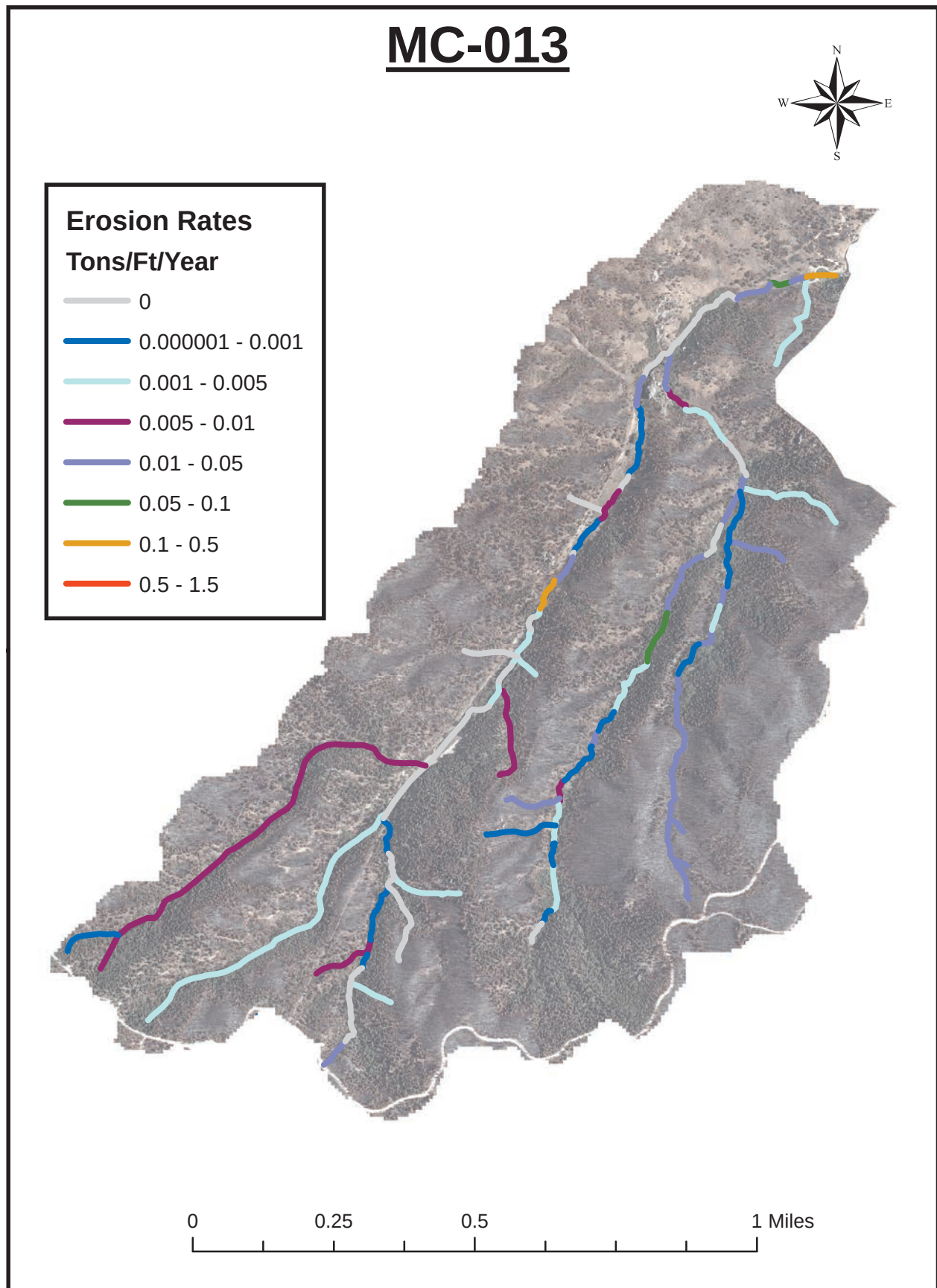
Monument Creek, Sub-Watershed 013 (MC-013)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-013							
Watershed Characteristics	Drainage Area (mi ²)	1.24		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	4.0%	14.0%	82.0%			
	Drainage Density	5.80									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		12%	28%	27%	1%	24%	4%	0%	2%	2%	2%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	34%	50%	14%	2%	Total Erosion (tons/yr)	601				
	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	19%	14%	12%	21%	31%	2%	2%	0%	0%	
Hillslope Processes	Length of Road (ft)	20,941		Sediment from Surface Erosion (tons/yr)		156.67					
	Total Sediment from Roads (tons/yr)	95.76		Introduced Sediment Roads & Hillslope (tons/yr)		252					
Hydrology		Q _{BKF} (cfs)	5.4181	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	588		742	154						
	Flow-Related Sediment (tons/yr)	23		1,322	1,299						
Erosion Summary	Total Introduced Sediment (tons/yr)	853		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				601	96	157	469				
	Total Flow Related Sediment (tons/yr)	1,322		Percent of Total Yield	45%	7%	12%	35%			
		☒ Degradation		☐ Aggradation							



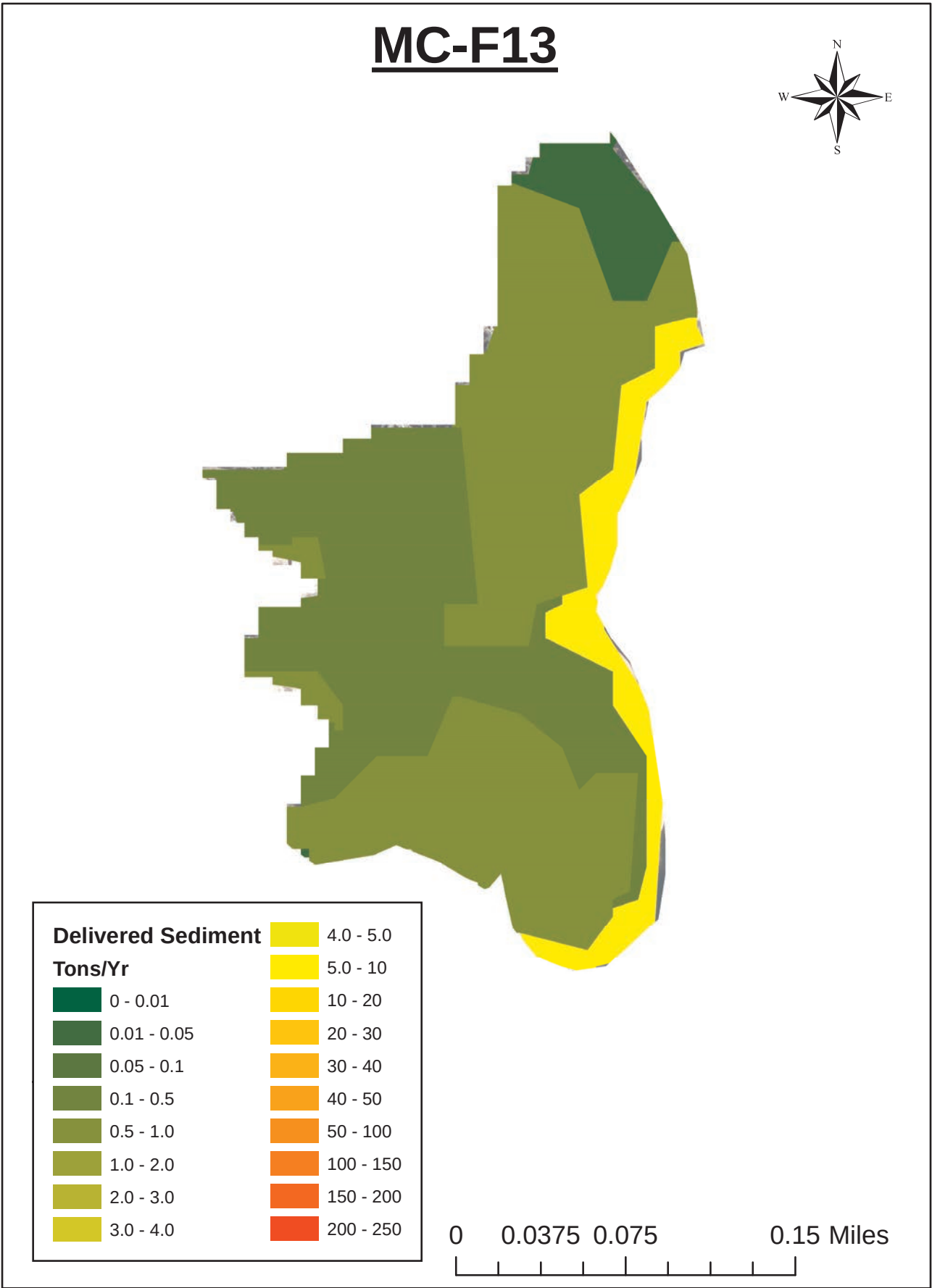






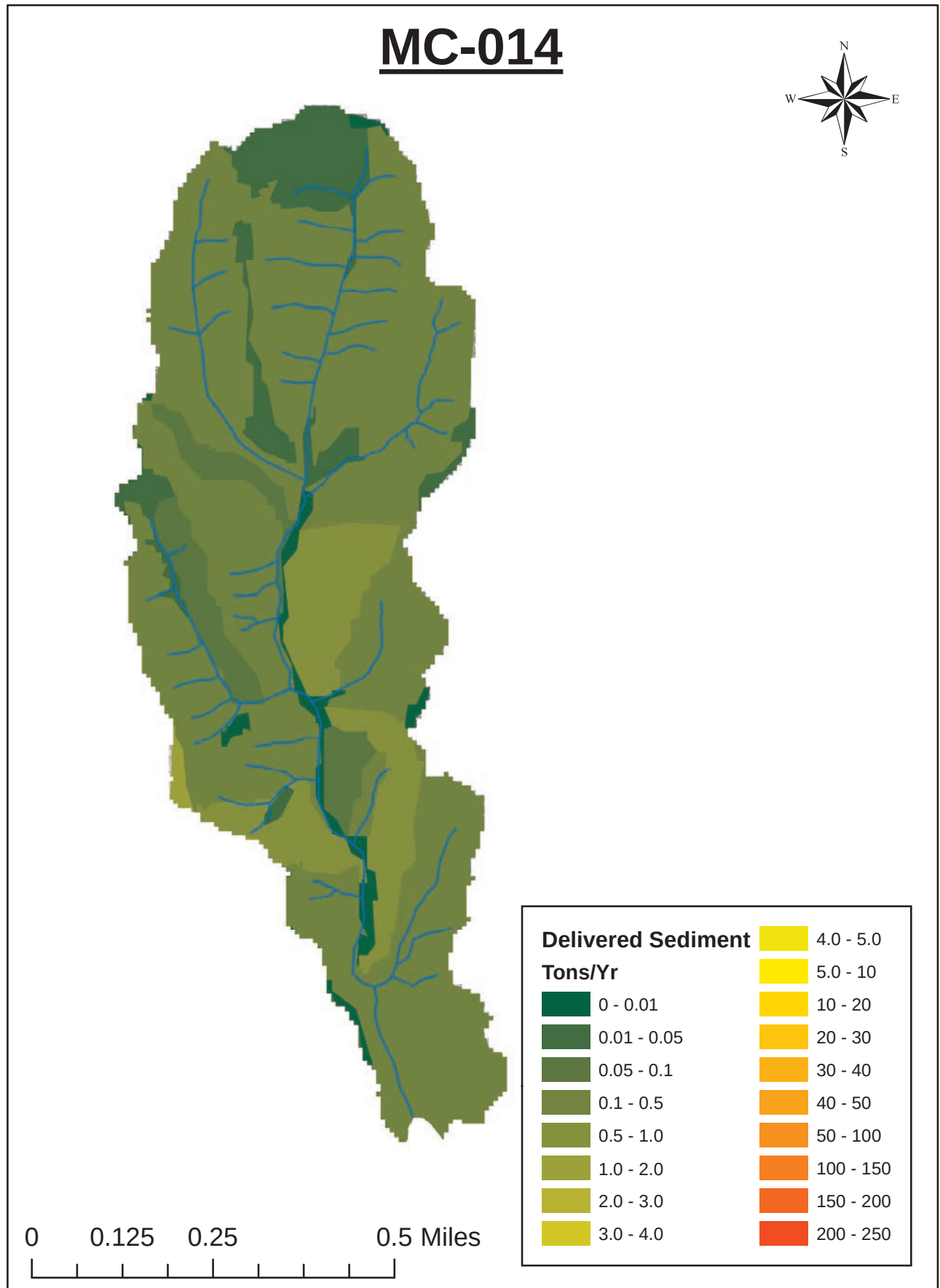
Monument Creek, Sub-Watershed F13 (MC-F13)

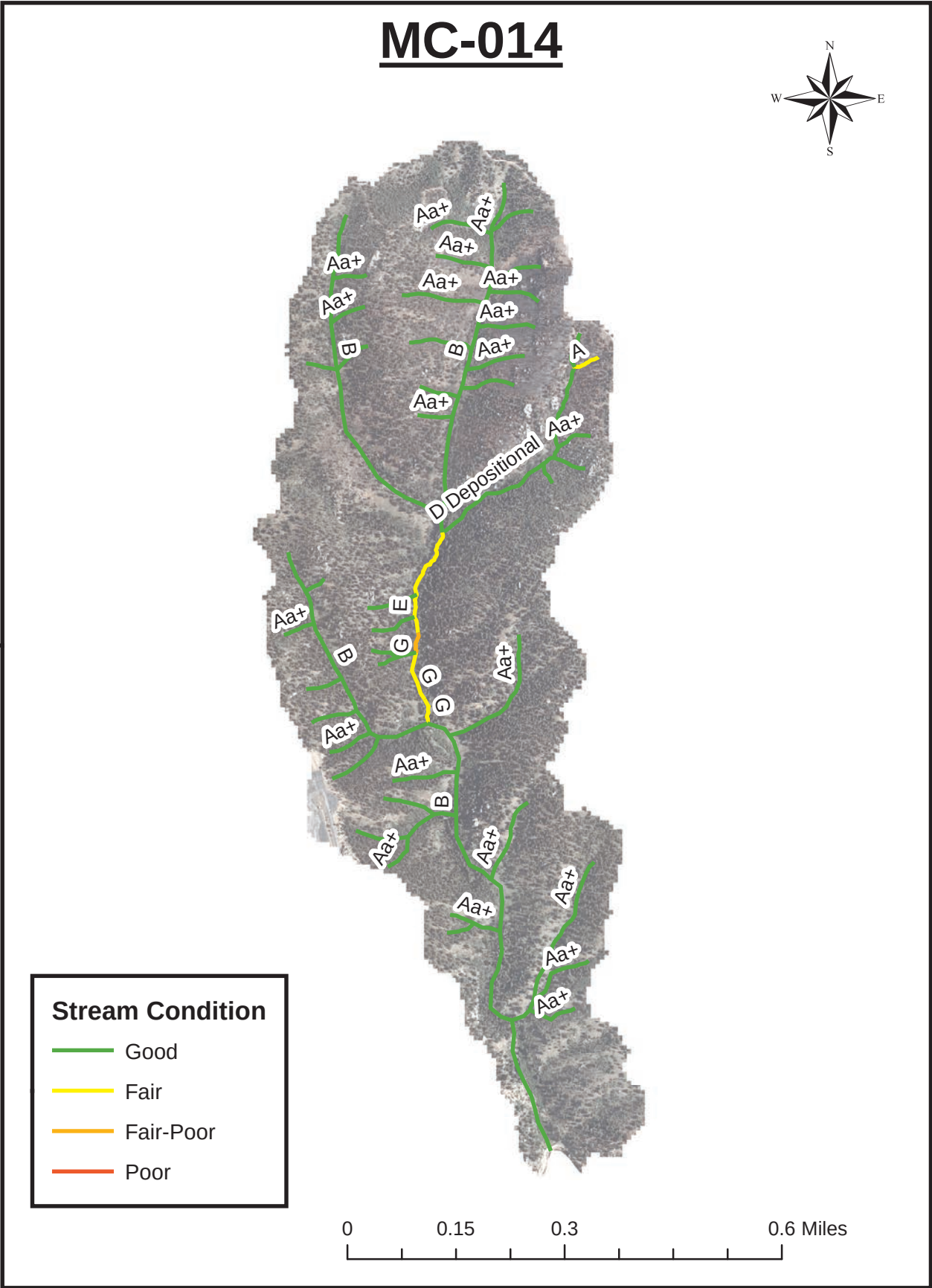
Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F13							
Watershed Characteristics	Drainage Area (mi ²)	0.04		High	Moderate	Low	Unburned				
				Burn Severity (%)	13.0%	49.0%	10.0%	28.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	12.21						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	12						
Hydrology		Q _{BKF} (cfs)	0.5919	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	64		N/A	N/A						
	Flow-Related Sediment (tons/yr)	8		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	12		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				0	0	12	N/A				
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☐ Aggradation							

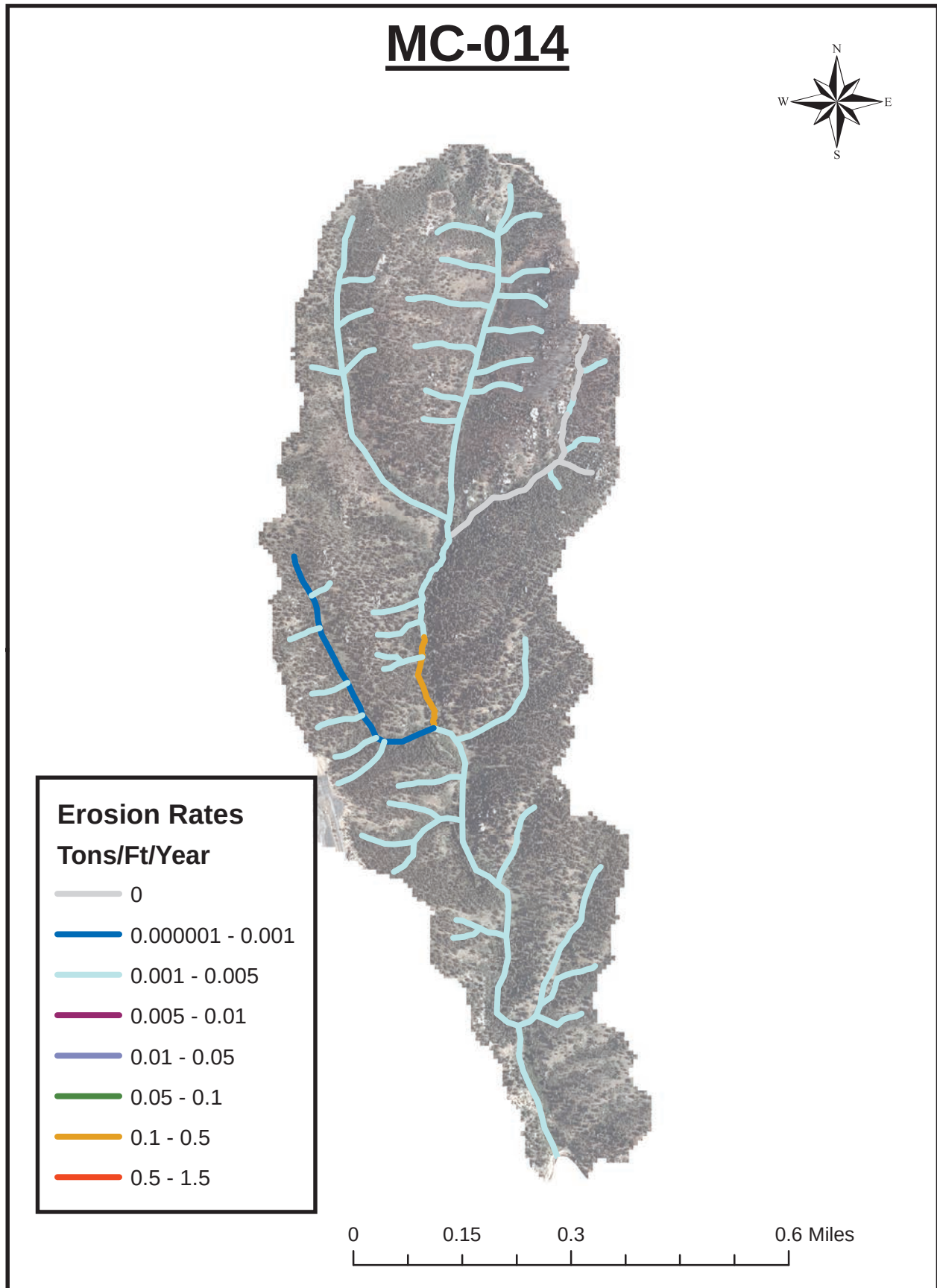


Monument Creek, Sub-Watershed 014 (MC-014)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-014							
Watershed Characteristics	Drainage Area (mi ²)	0.47		High	Moderate	Low	Unburned				
				Burn Severity (%)	34.0%	42.0%	10.0%	14.0%			
	Drainage Density	12.36									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		55%	1%	32%	0%	7%	0%	3%	0%	0%	2%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	94%	5%	1%	0%	Total Erosion (tons/yr)	196				
	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%	6%	83%	1%	0%	0%	2%	0%	0%	
Hillslope Processes	Length of Road (ft)	0		Sediment from Surface Erosion (tons/yr)	8.18						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	8						
Hydrology		Q _{BKF} (cfs)	2.859	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	310		326	16						
	Flow-Related Sediment (tons/yr)	16		18	2						
Erosion Summary	Total Introduced Sediment (tons/yr)	204		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				196	0	8	-186				
	Total Flow Related Sediment (tons/yr)	18		Percent of Total Yield	N/A	N/A	N/A	N/A			
☐ Degradation ☒ Aggradation											

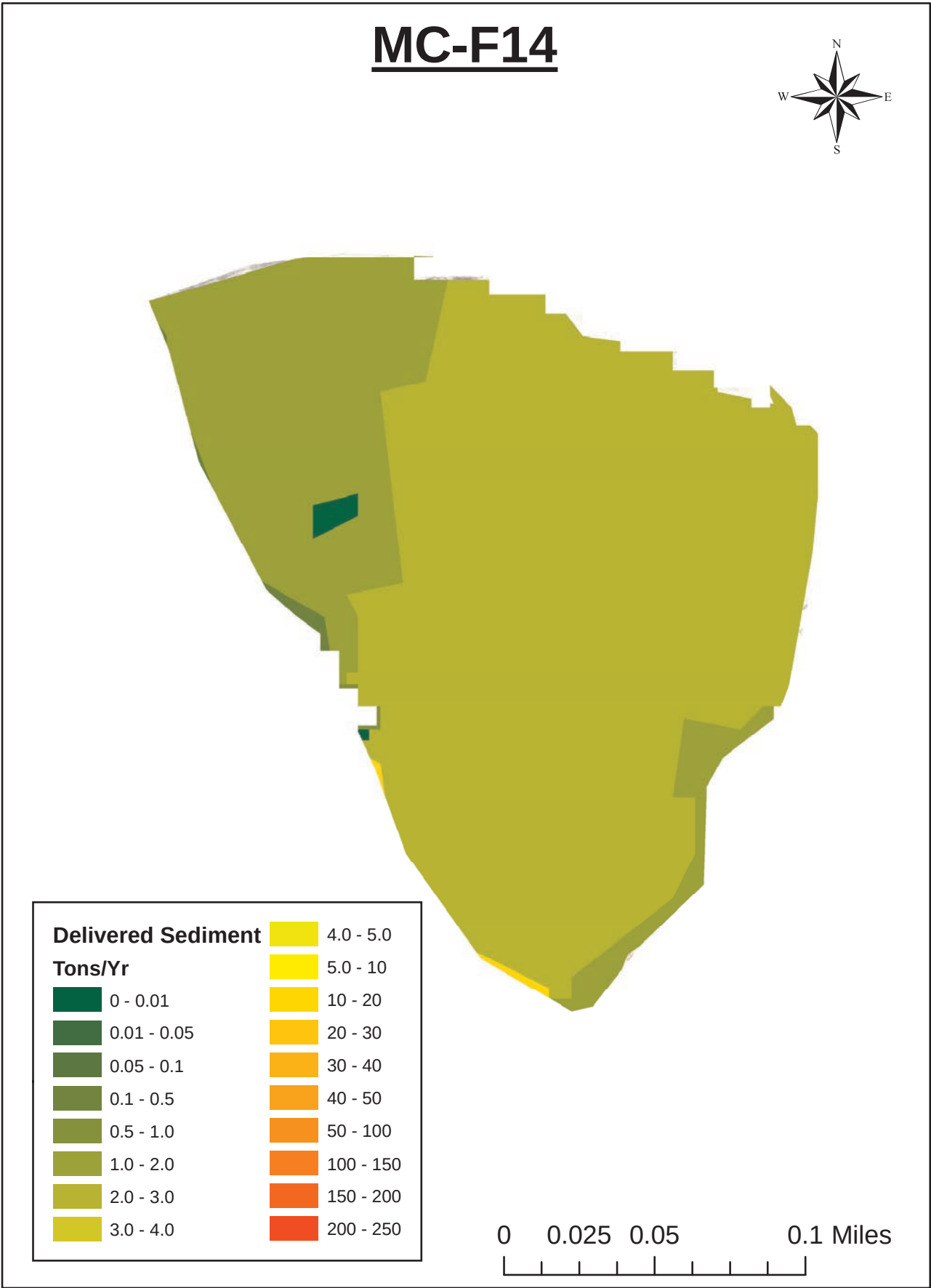






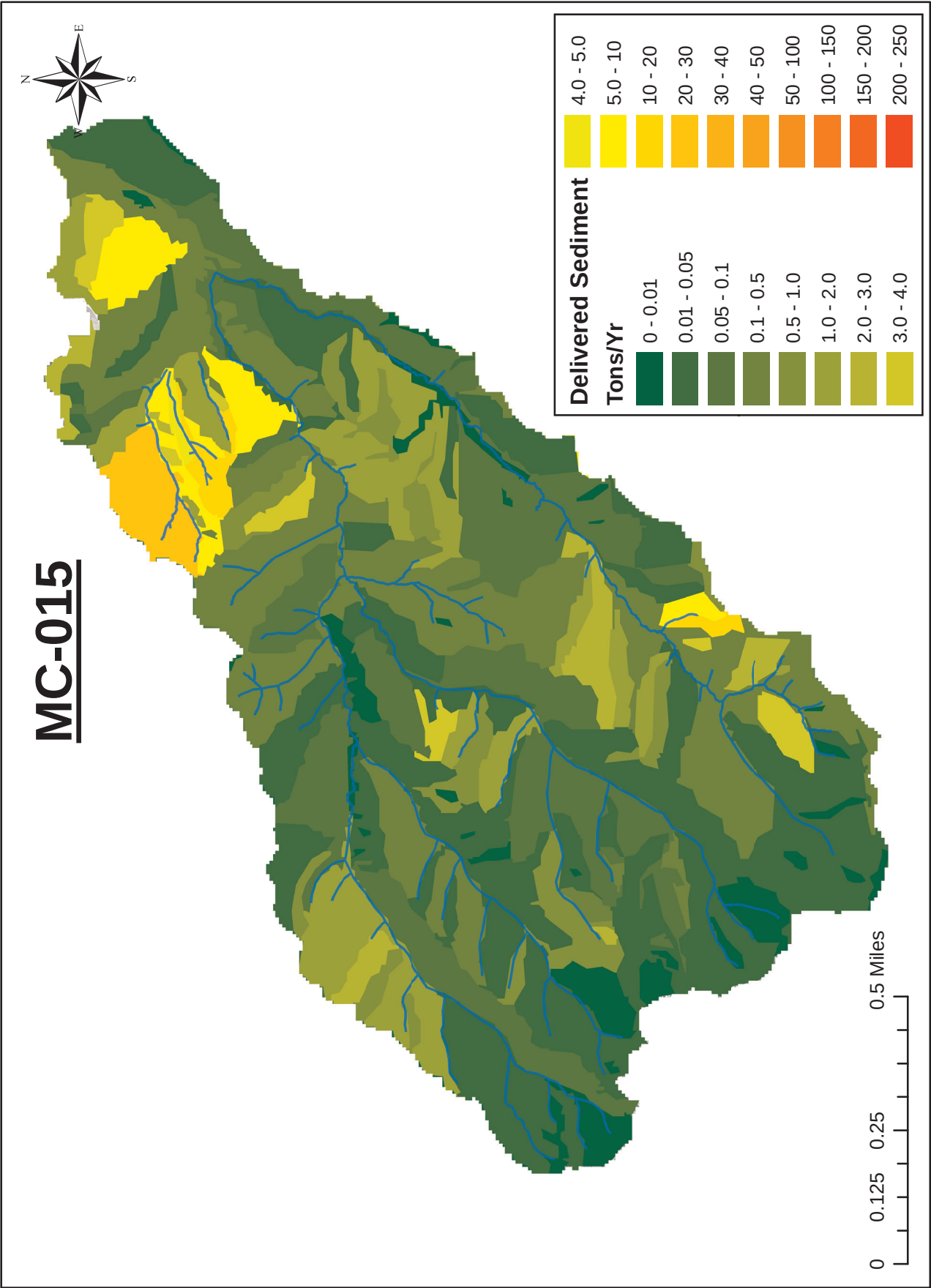
Monument Creek, Sub-Watershed F14 (MC-F14)

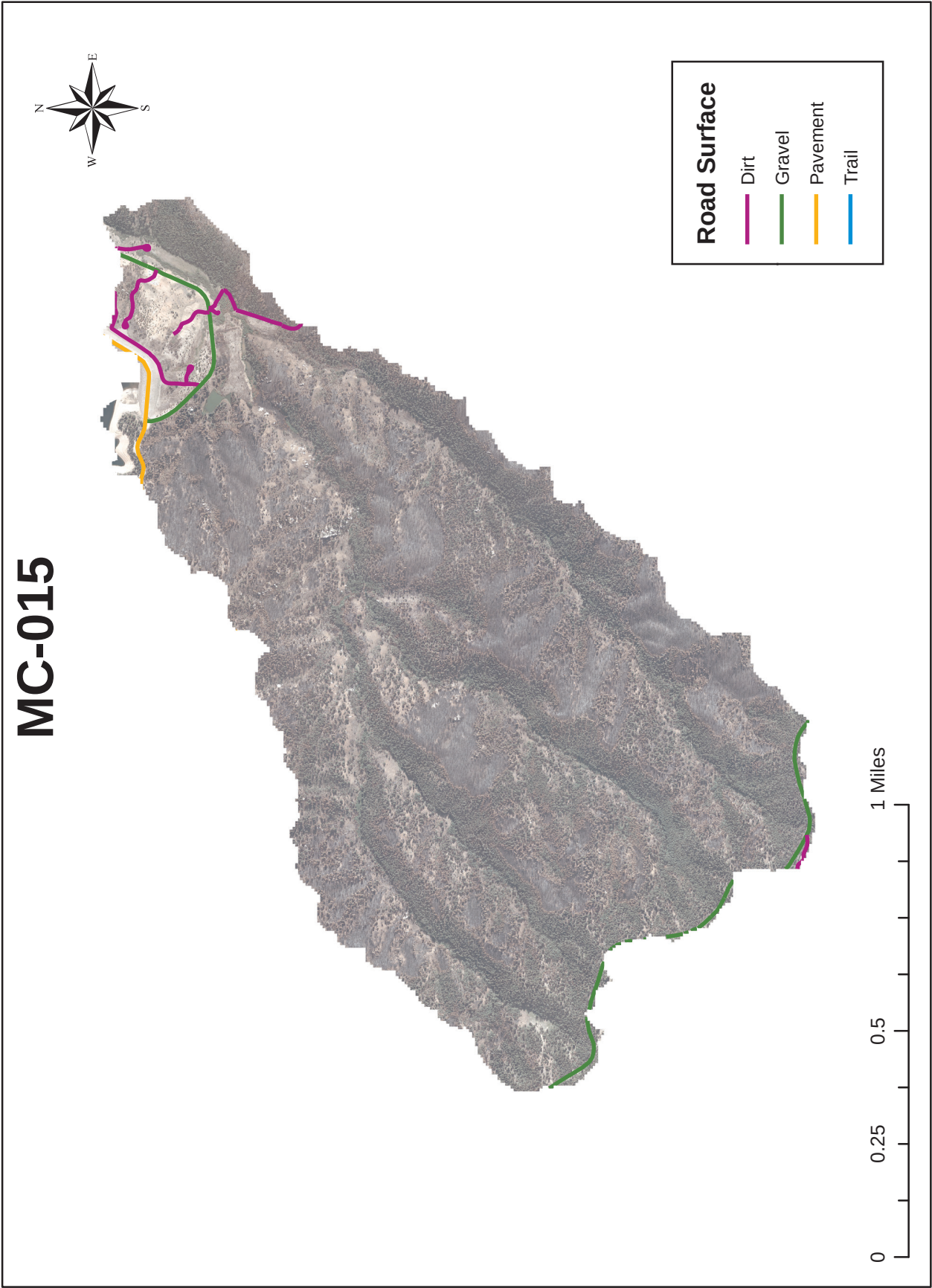
Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F14								
Watershed Characteristics	Drainage Area (mi ²)	0.03		High	Moderate	Low	Unburned					
			Burn Severity (%)	0.0%	3.0%	45.0%	52.0%					
	Drainage Density	0.00										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	0%
Hillslope Processes	Length of Road (ft)		0		Sediment from Surface Erosion (tons/yr)		11.11					
	Total Sediment from Roads (tons/yr)		0.00		Introduced Sediment Roads & Hillslope (tons/yr)		11					
Hydrology			Q _{BKF} (cfs)	0.5049	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)		55		N/A		N/A					
	Flow-Related Sediment (tons/yr)		7		N/A		N/A					
Erosion Summary	Total Introduced Sediment (tons/yr)		11		Banks	Roads	Surface Erosion	Streambed				
	Total Flow Related Sediment (tons/yr)		N/A		Sediment (tons/yr)	0	0	11	N/A			
					Percent of Total Yield	N/A	N/A	N/A	N/A			
				☐ Degradation		☐ Aggradation						

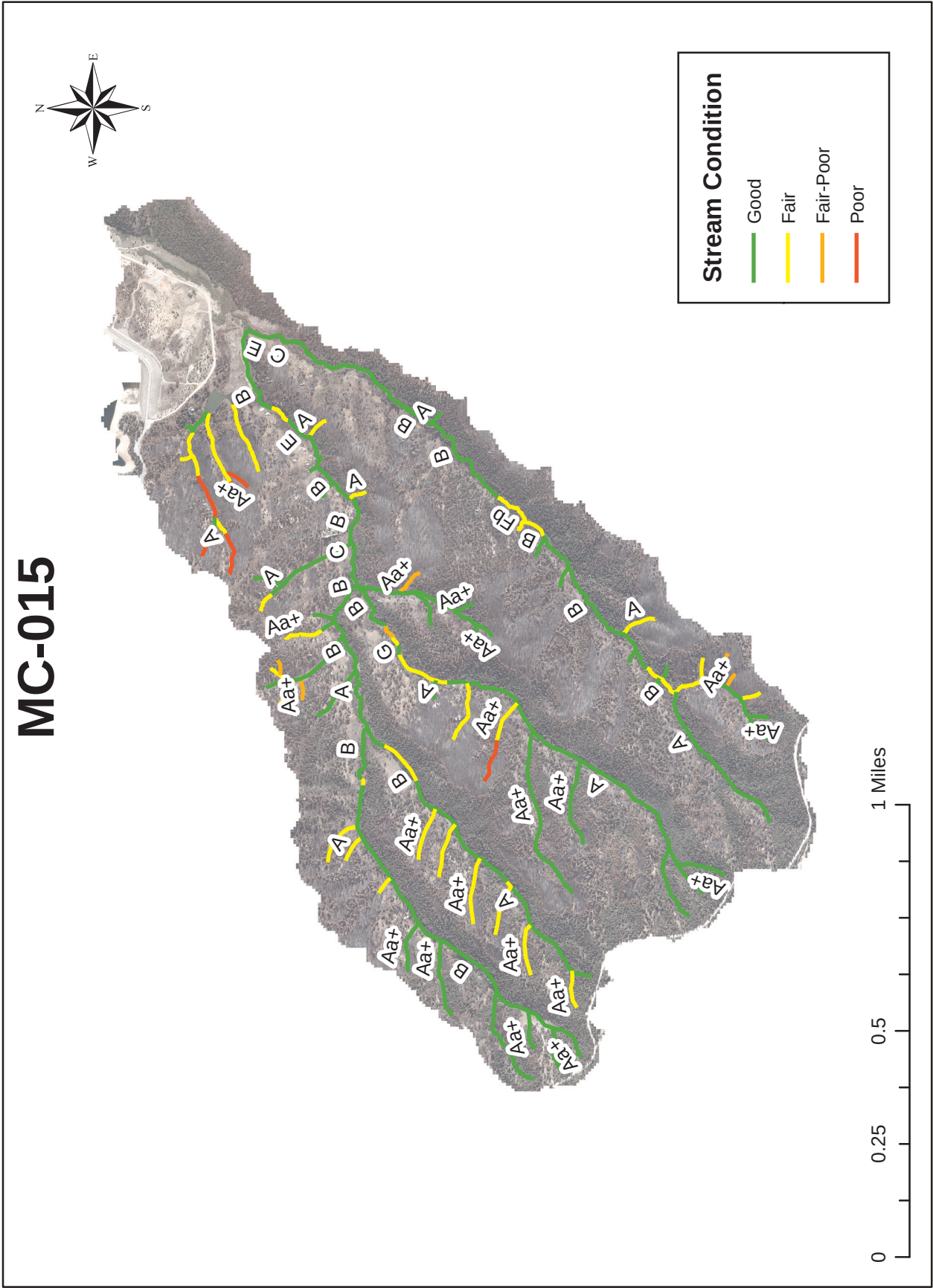


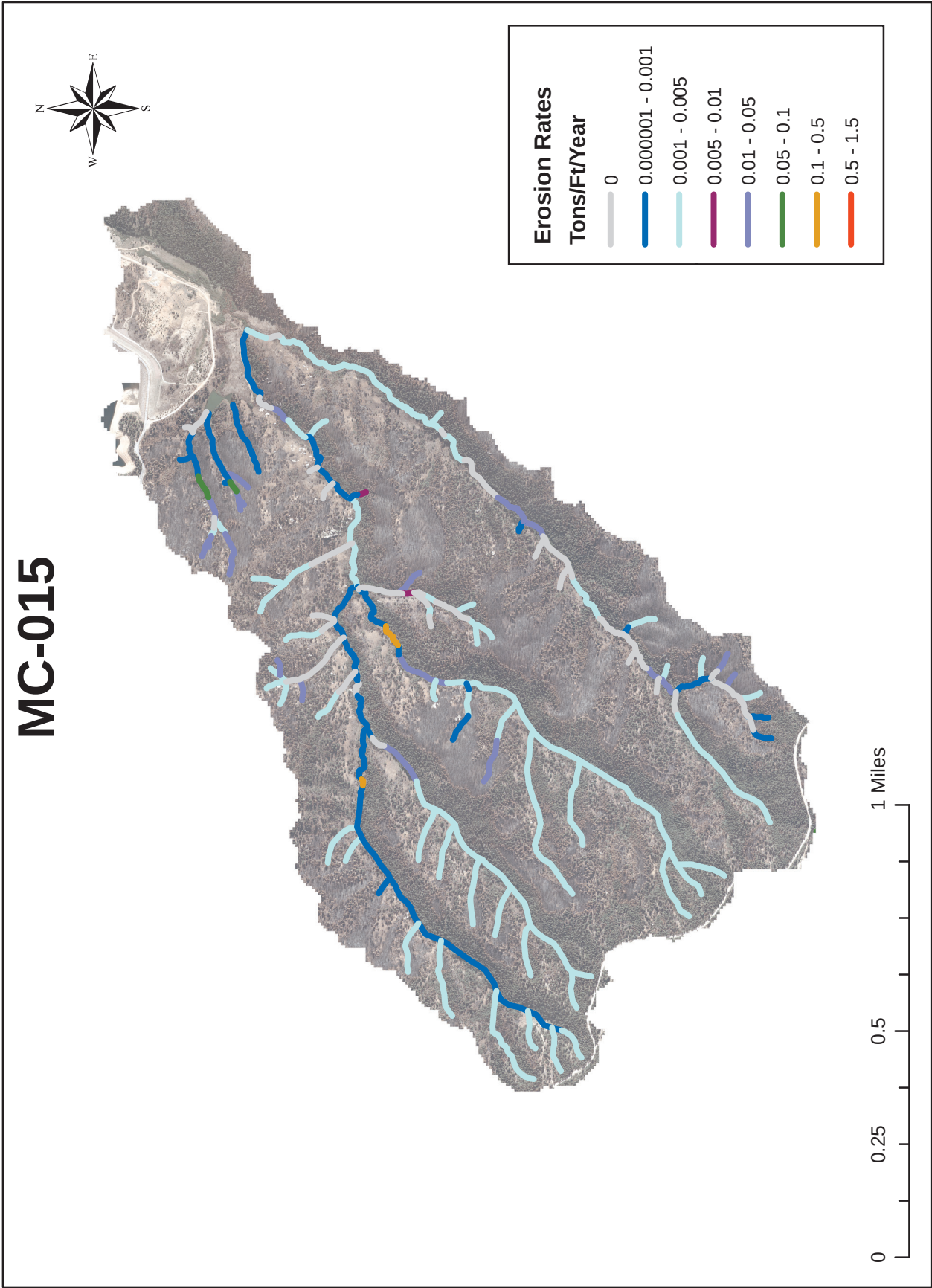
Monument Creek, Sub-Watershed 015 (MC-015)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-015							
Watershed Characteristics	Drainage Area (mi ²)	1.50		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	0.0%	2.0%	98.0%			
	Drainage Density	8.90									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		30%	19%	29%	1%	15%	5%	1%	0%	1%	1%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	73%	22%	2%	4%	Total Erosion (tons/yr)	383				
	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%	26%	42%	5%	12%	1%	1%	0%	0%	
Hillslope Processes	Length of Road (ft)	15,592		Sediment from Surface Erosion (tons/yr)	178.47						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	178						
Hydrology		Q _{BKF} (cfs)	6.1547	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			668	873	205					
	Flow-Related Sediment (tons/yr)			25	46	22					
Erosion Summary	Total Introduced Sediment (tons/yr)	561		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				383	0	178	-515				
	Total Flow Related Sediment (tons/yr)	46		Percent of Total Yield	N/A	N/A	N/A	N/A			
☐ Degradation ☒ Aggradation											



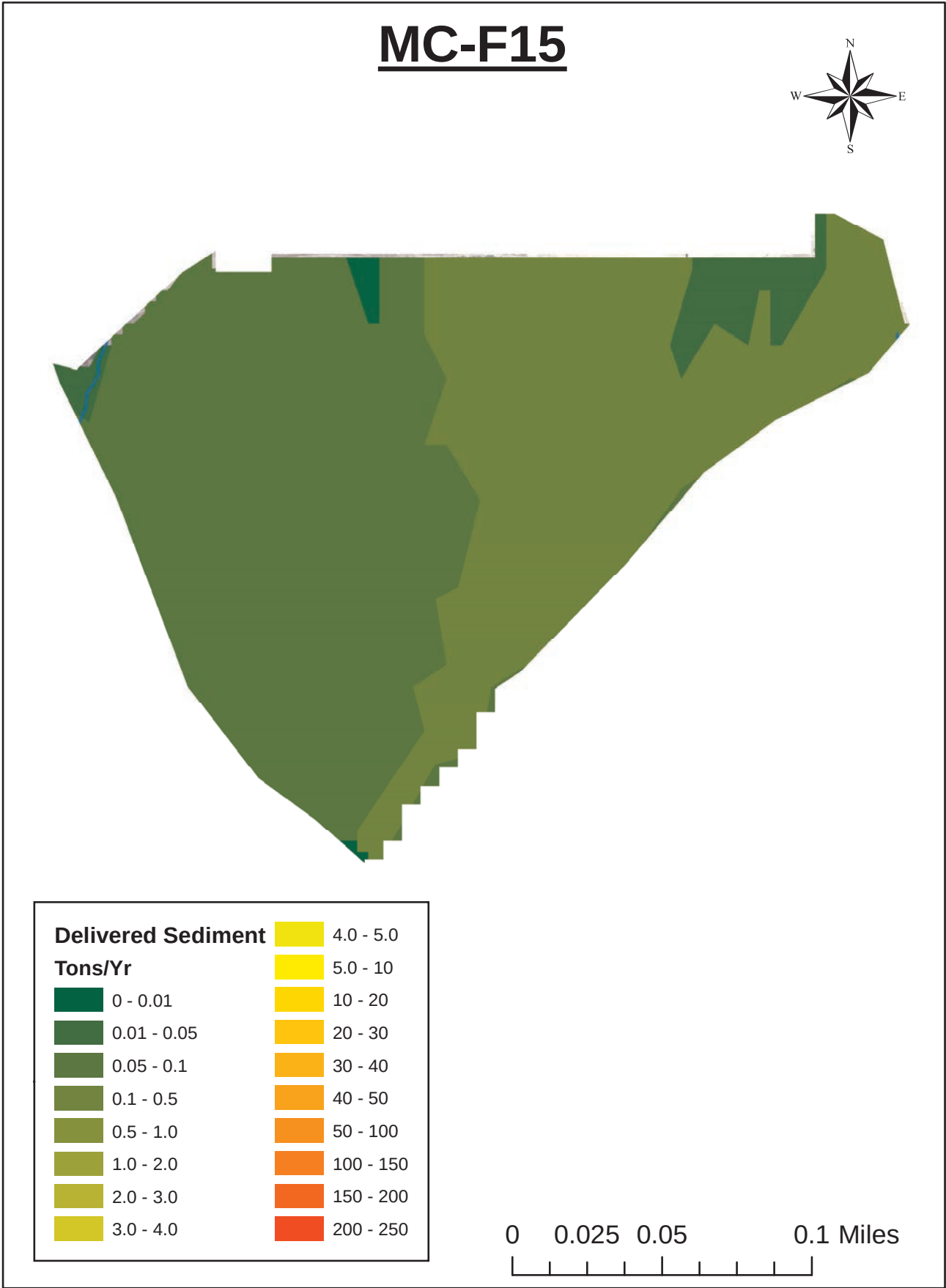






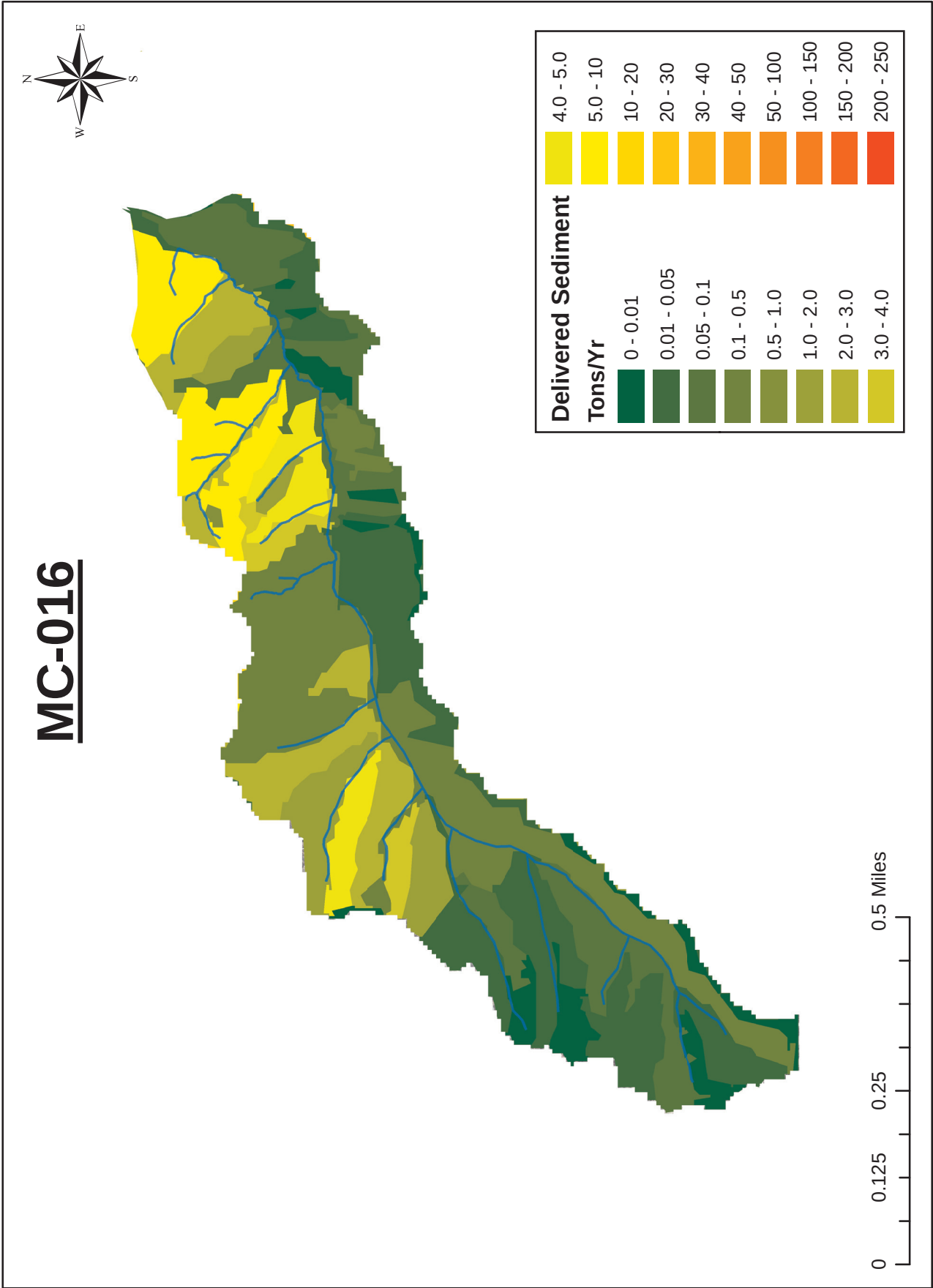
Monument Creek, Sub-Watershed F15 (MC-F15)

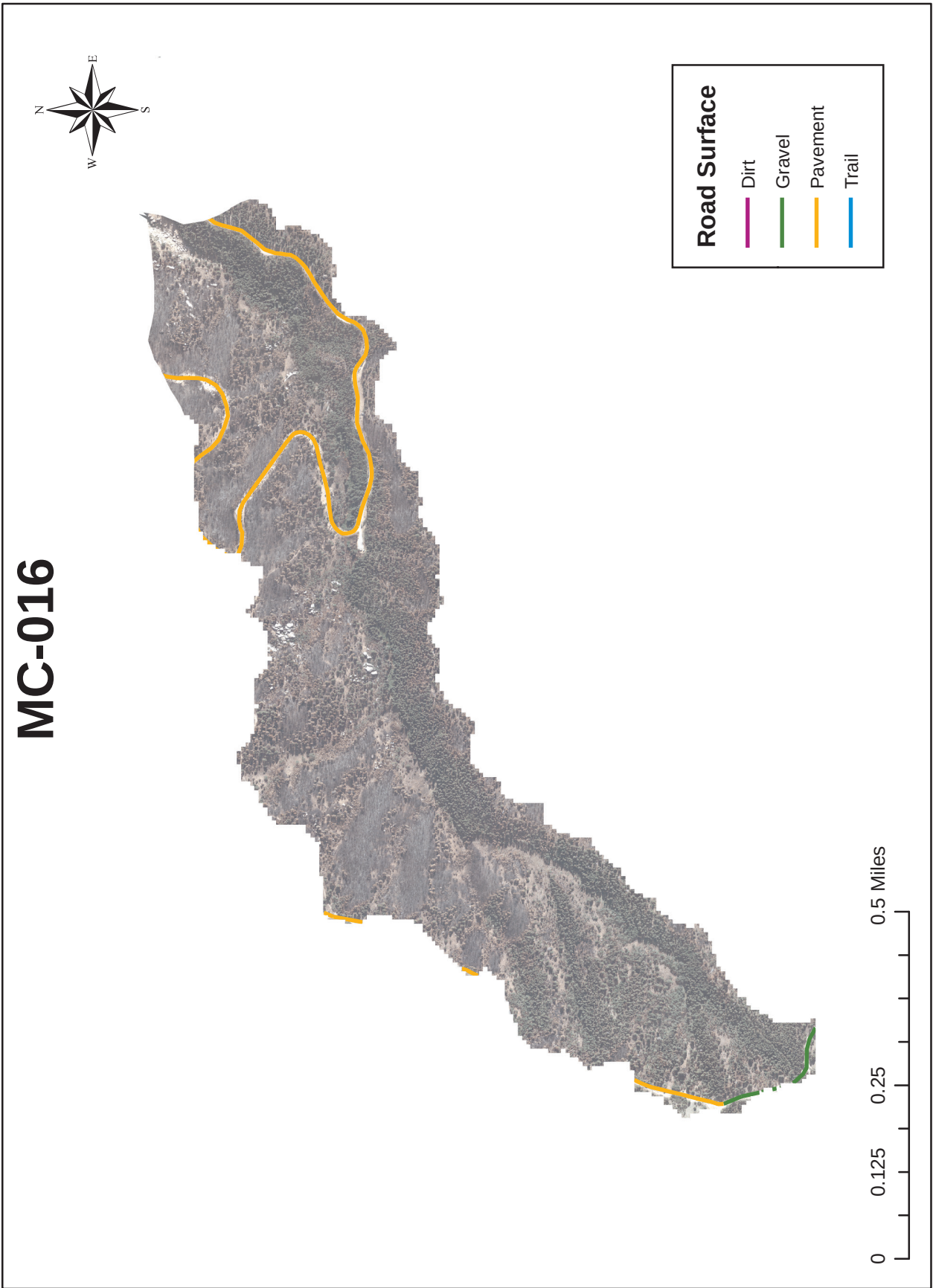
Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-F15							
Watershed Characteristics	Drainage Area (mi ²)	0.03		High	Moderate	Low	Unburned				
				Burn Severity (%)	1.0%	15.0%	29.0%	55.0%			
	Drainage Density	0.00									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	0%	0%	0%	0%	Total Erosion (tons/yr)	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%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	272		Sediment from Surface Erosion (tons/yr)	0.24						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)	0						
Hydrology		Q _{BKF} (cfs)	0.4961	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	54		N/A	N/A						
	Flow-Related Sediment (tons/yr)	7		N/A	N/A						
Erosion Summary	Total Introduced Sediment (tons/yr)	0		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				0	0	0	N/A				
	Total Flow Related Sediment (tons/yr)	N/A		Percent of Total Yield	N/A	N/A	N/A	N/A			
		☐ Degradation		☐ Aggradation							

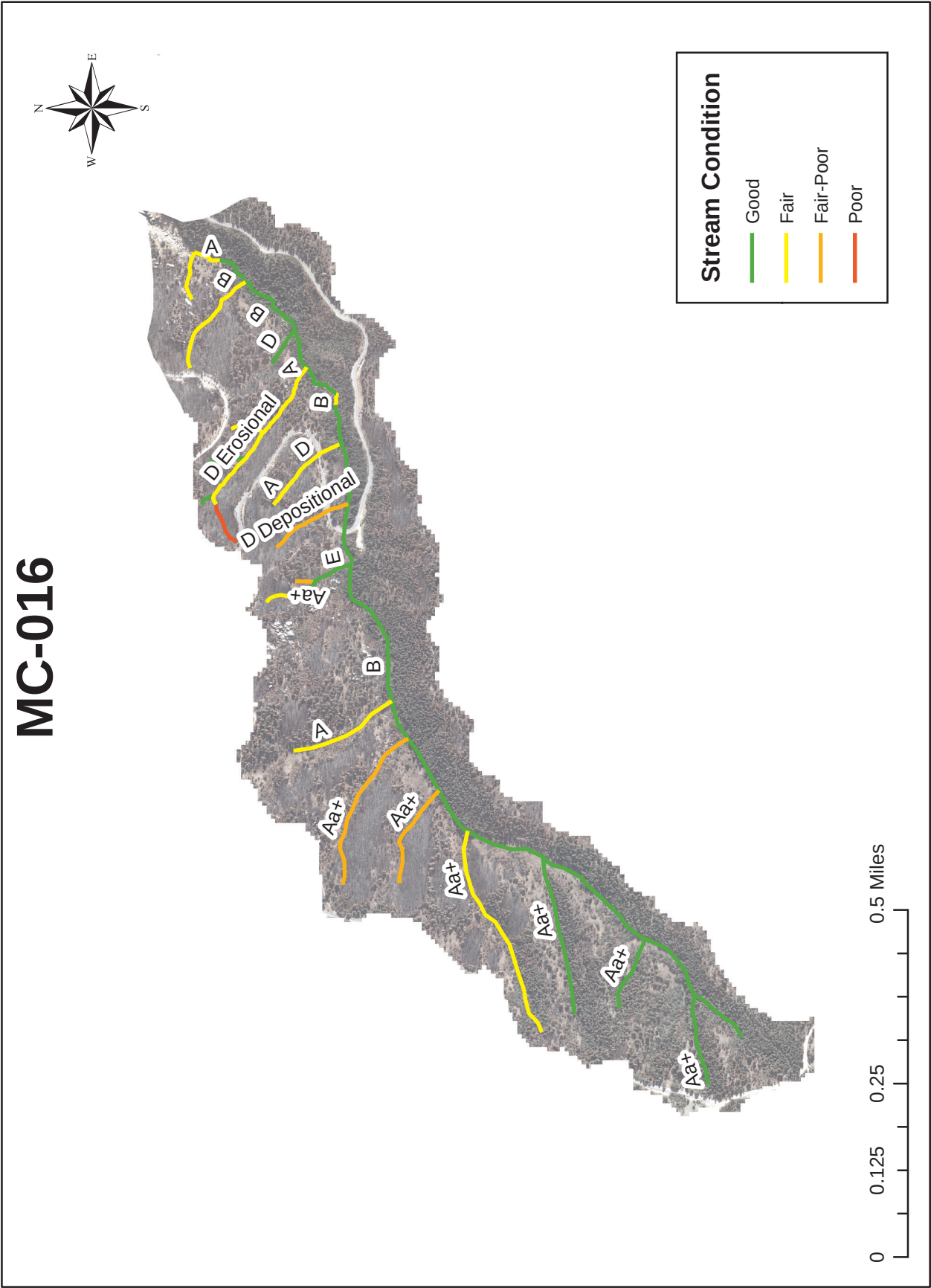


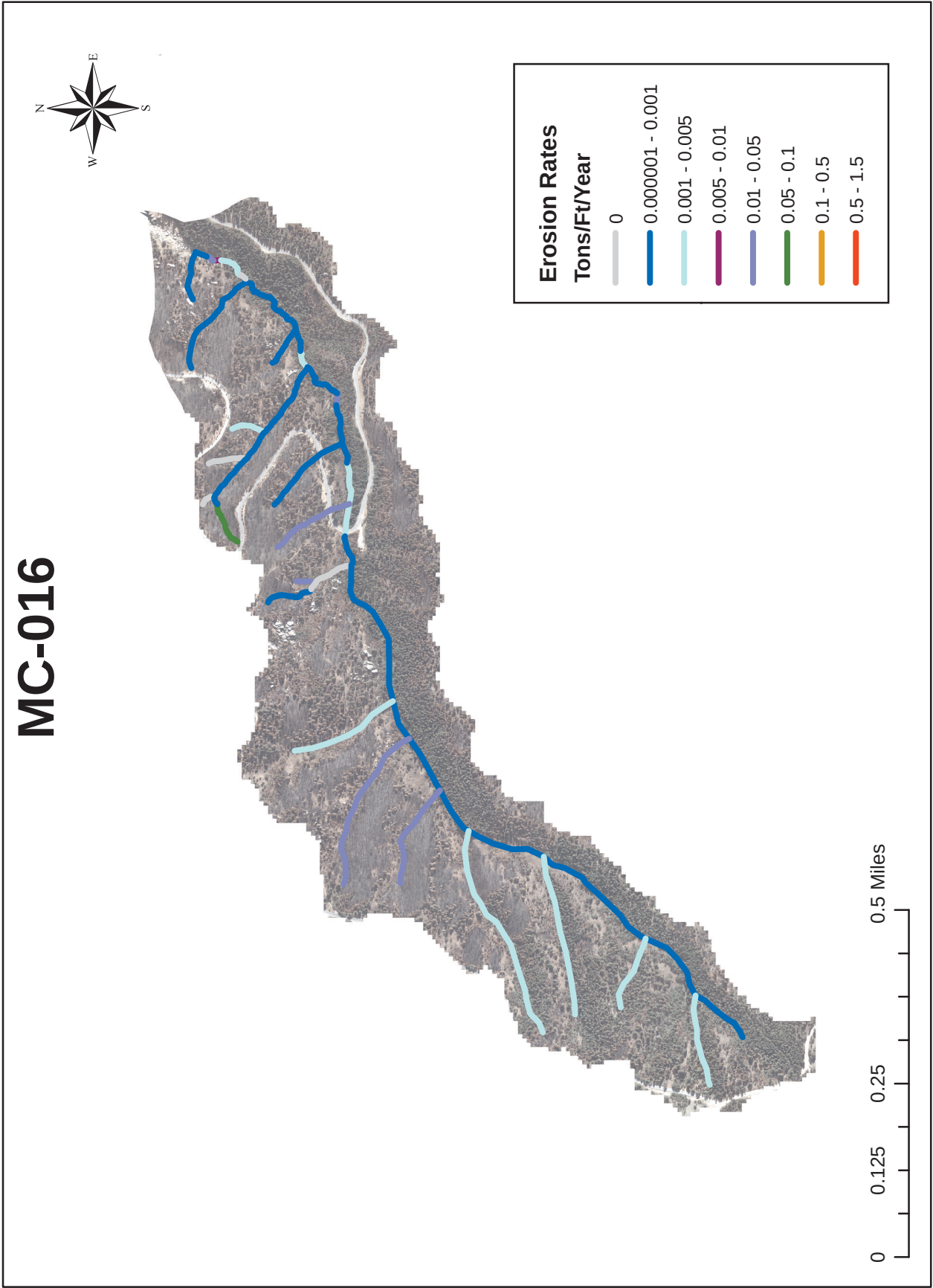
Monument Creek, Sub-Watershed 016 (MC-016)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-016							
Watershed Characteristics	Drainage Area (mi ²)	0.41		High	Moderate	Low	Unburned				
				Burn Severity (%)	6.0%	38.0%	51.0%	5.0%			
	Drainage Density	7.62									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		39%	11%	11%	3%	32%	0%	3%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	39%	41%	18%	2%	Total Erosion (tons/yr)	98				
	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	5%	28%	37%	8%	20%	2%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	8,313		Sediment from Surface Erosion (tons/yr)		70.99					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		71					
Hydrology		Q _{BKF} (cfs)	2.6129	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	284		349	66						
	Flow-Related Sediment (tons/yr)	16		655	639						
Erosion Summary	Total Introduced Sediment (tons/yr)	169		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				98	0	71	486				
	Total Flow Related Sediment (tons/yr)	655		Percent of Total Yield	15%	0%	11%	74%			
☒ Degradation ☐ Aggradation											



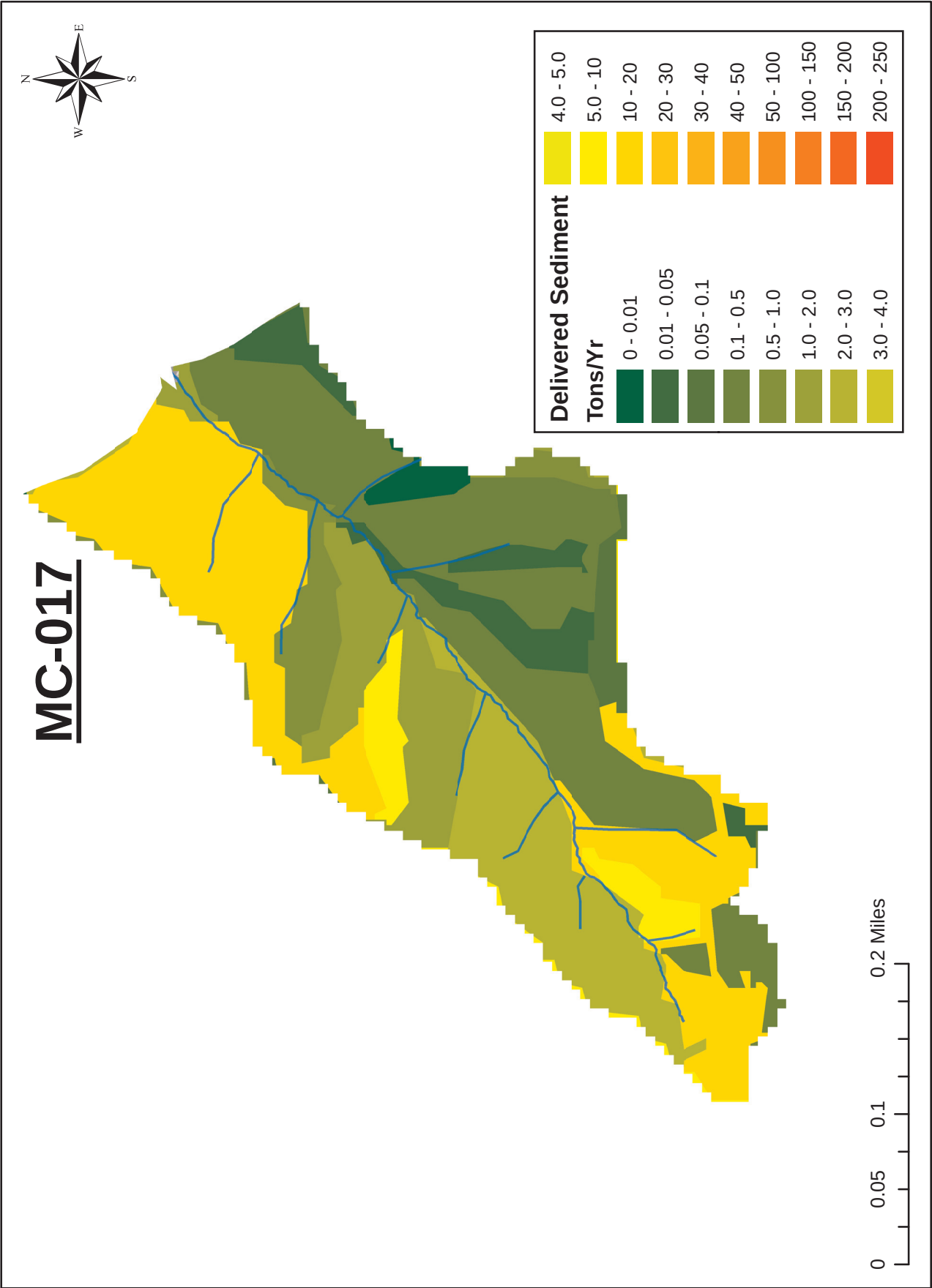


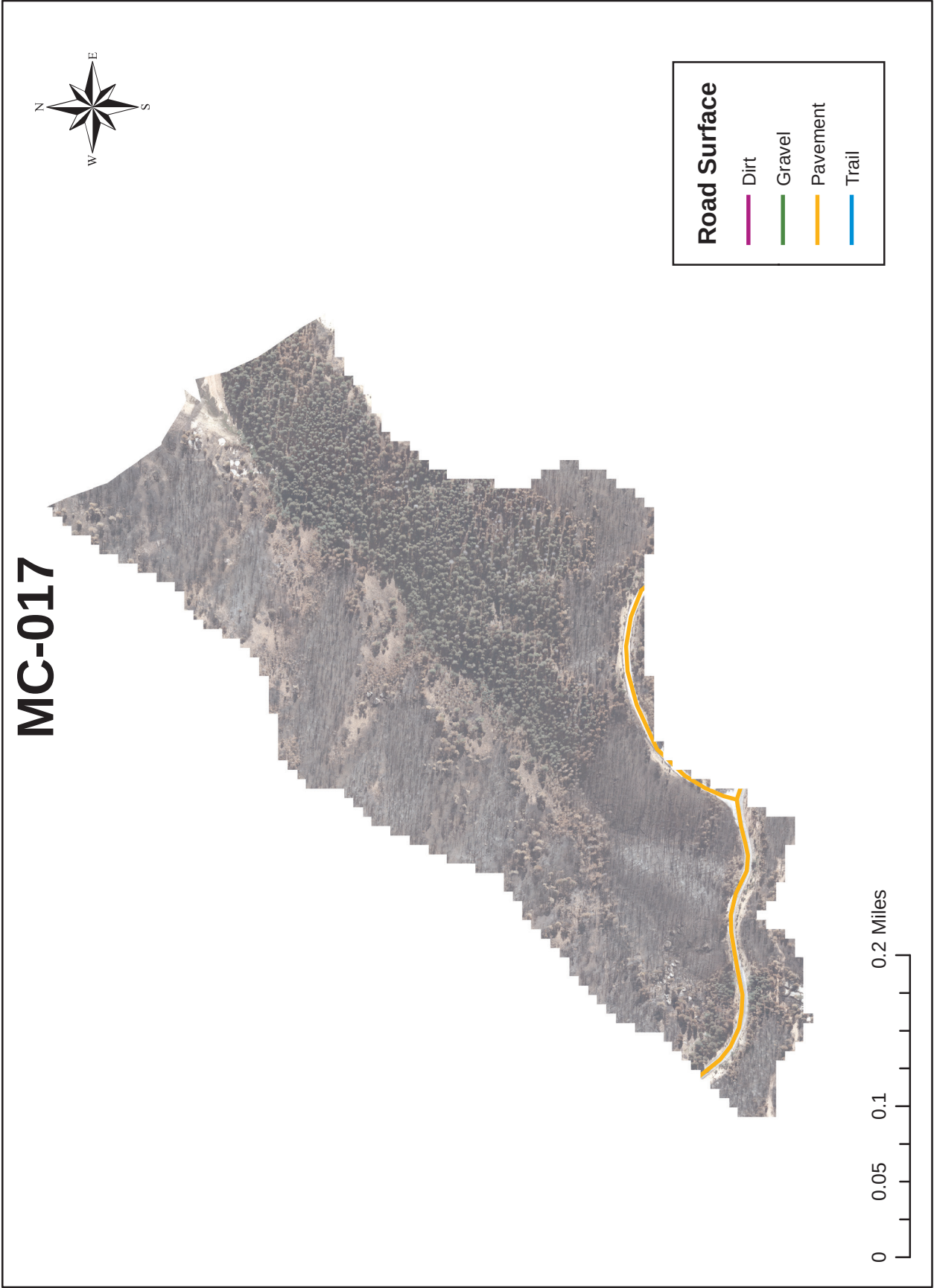


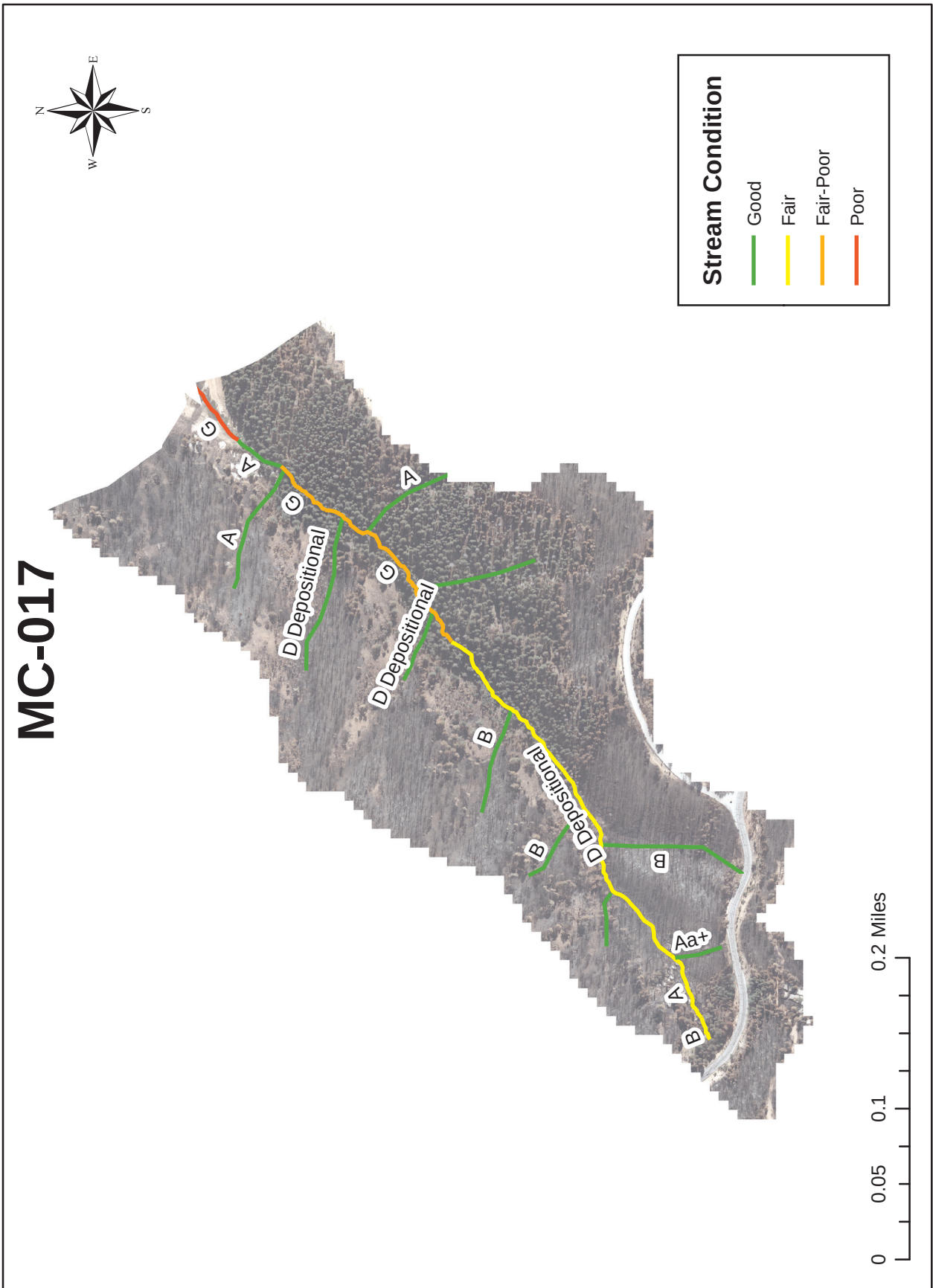


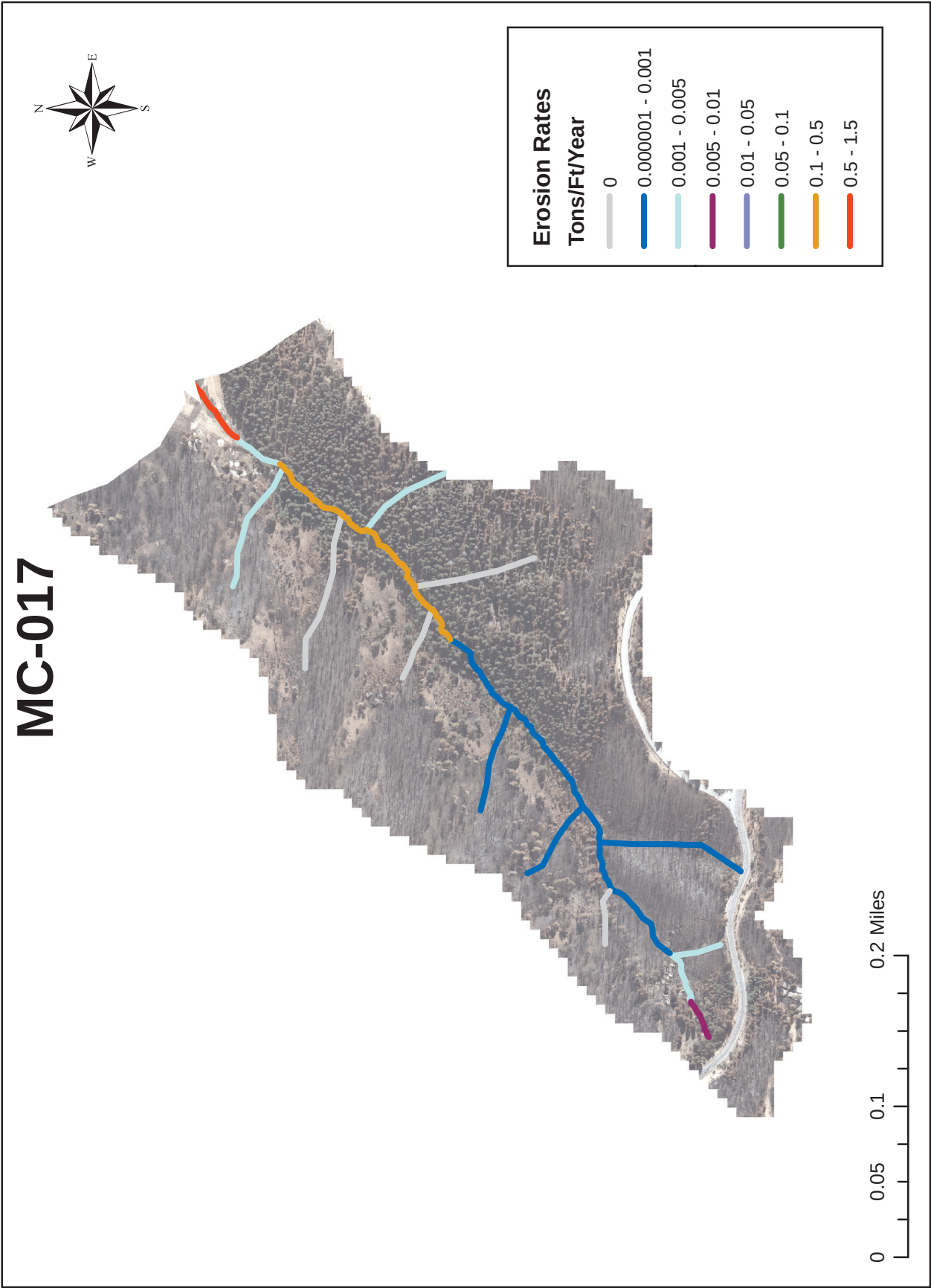
Monument Creek, Sub-Watershed 017 (MC-017)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-017								
Watershed Characteristics	Drainage Area (mi ²)	0.11		High	Moderate	Low	Unburned					
			Burn Severity (%)	0.0%	0.0%	17.0%	83.0%					
	Drainage Density	12.38										
	Stream Types (%)		Aa+	A	B	C	D	Da+	E	F	Fb	G
			2%	19%	19%	0%	41%	0%	0%	0%	0%	18%
Streambank Erosion			Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions		57%	25%	13%	4%	Total Erosion (tons/yr)	424				
	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		21%	20%	5%	33%	2%	0%	13%	4%	0%	
Hillslope Processes	Length of Road (ft)	1,952		Sediment from Surface Erosion (tons/yr)		45.21						
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		45						
Hydrology	Q _{BKF} (cfs)		1.0791	Pre-Fire	Post-Fire	Total Increase						
	Water Yield (ac ft)			117	133	16						
	Flow-Related Sediment (tons/yr)			10	508	498						
Erosion Summary	Total Introduced Sediment (tons/yr)	469		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed				
				424	0	45	39					
	Total Flow Related Sediment (tons/yr)	508		Percent of Total Yield	83%	0%	9%	8%				
				☒ Degradation		☐ Aggradation						



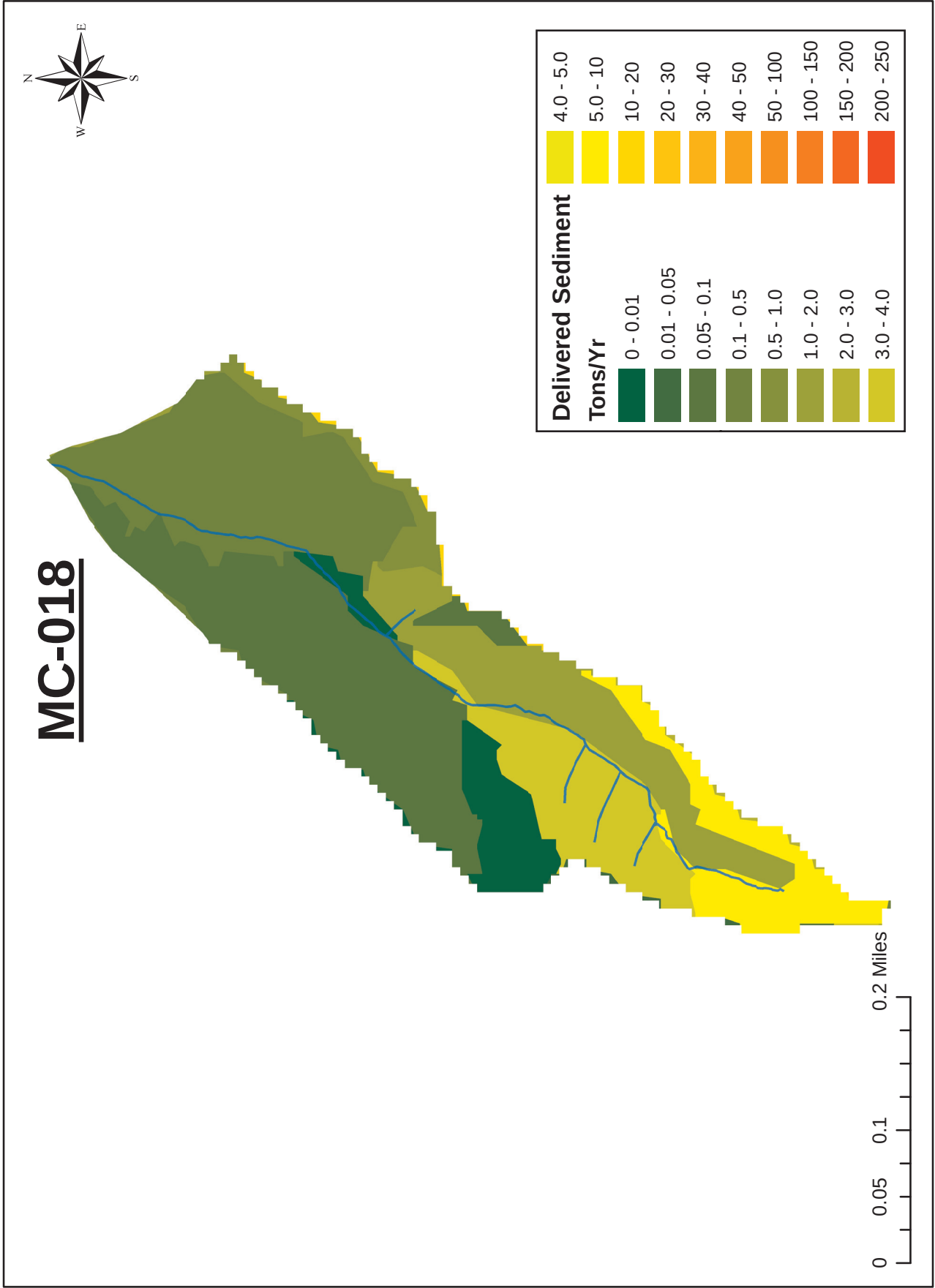


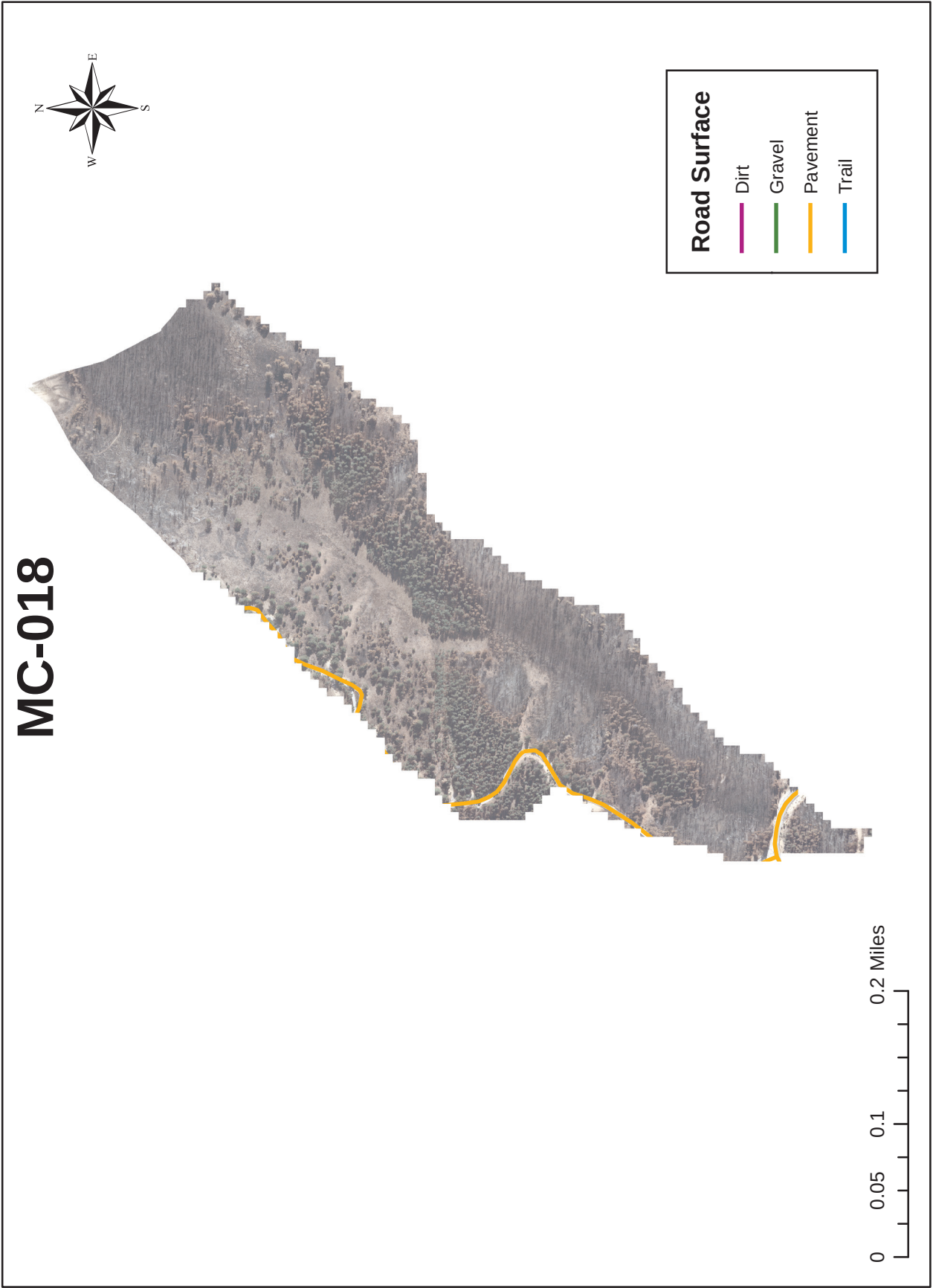


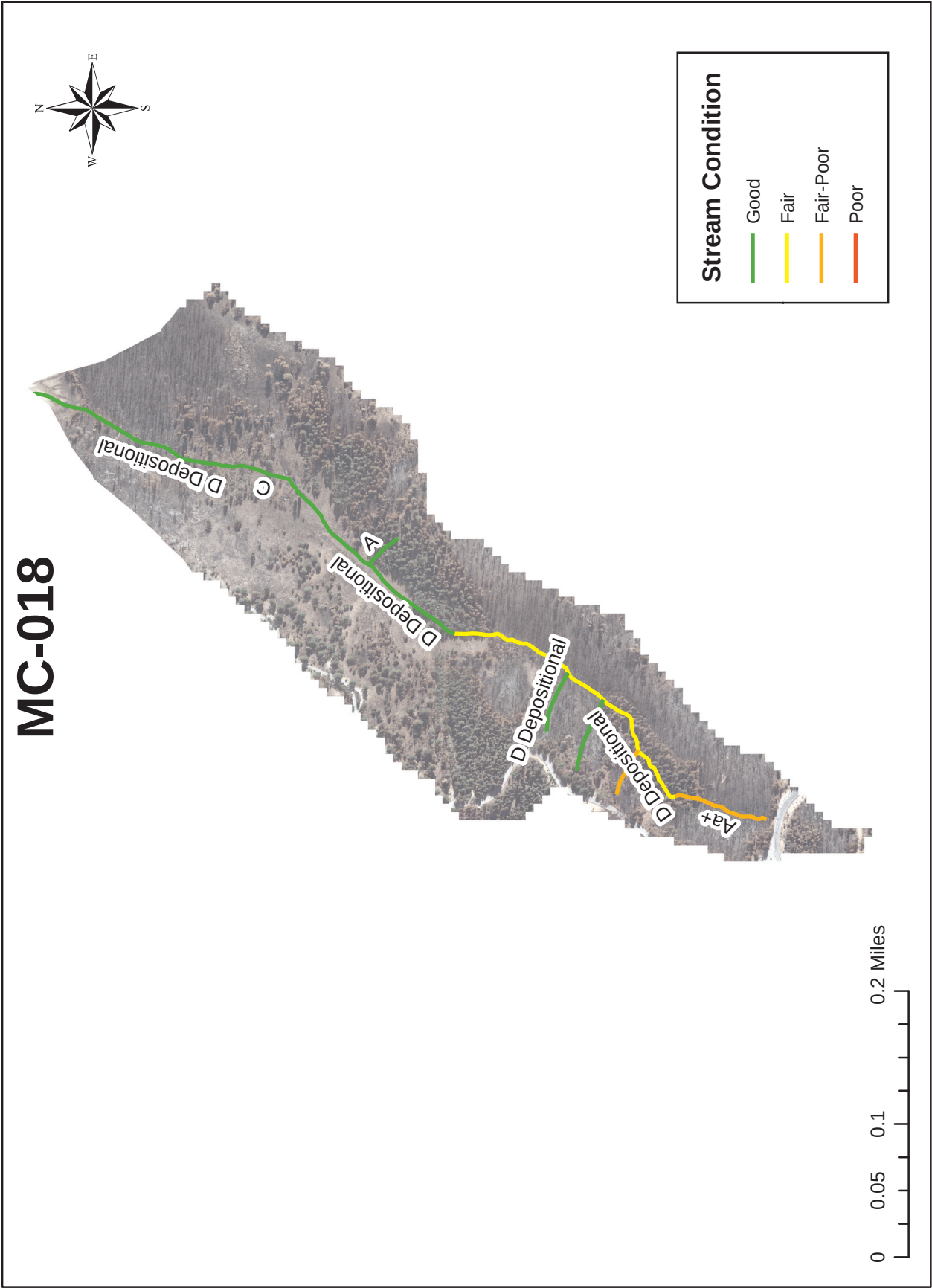


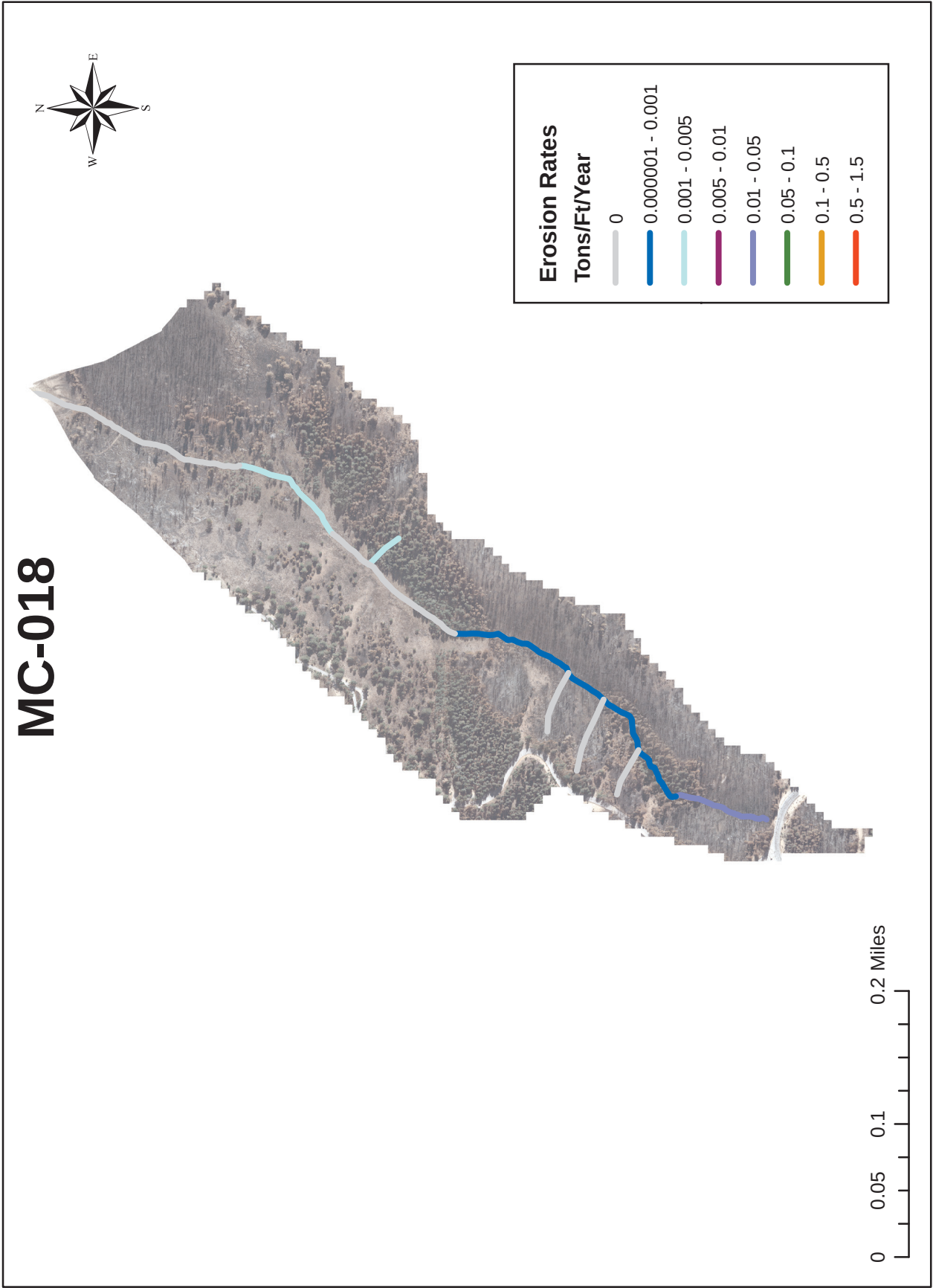
Monument Creek, Sub-Watershed 018 (MC-018)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-018							
Watershed Characteristics	Drainage Area (mi ²)	0.09		High	Moderate	Low	Unburned				
				Burn Severity (%)	0.0%	3.0%	20.0%	77.0%			
	Drainage Density	9.04									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		9%	3%	0%	11%	77%	0%	0%	0%	0%	0%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	60%	27%	13%	0%	Total Erosion (tons/yr)	13				
	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	50%	27%	11%	3%	9%	0%	0%	0%	0%	
Hillslope Processes	Length of Road (ft)	1,885		Sediment from Surface Erosion (tons/yr)		13.27					
	Total Sediment from Roads (tons/yr)	0.00		Introduced Sediment Roads & Hillslope (tons/yr)		13					
Hydrology	Q _{BKF} (cfs)	0.9966		Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)			108	129	21					
	Flow-Related Sediment (tons/yr)			10	15	5					
Erosion Summary	Total Introduced Sediment (tons/yr)	26		Banks	Roads	Surface Erosion	Streambed				
				Sediment (tons/yr)	13	0	13	-11			
	Total Flow Related Sediment (tons/yr)	15		Percent of Total Yield	N/A	N/A	N/A	N/A			
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Monument Creek, Sub-Watershed 019 (MC-019)

Watershed Summary		Stream: Monument Creek		Sub-Watershed: MC-019							
Watershed Characteristics	Drainage Area (mi ²)	0.12		High	Moderate	Low	Unburned				
				Burn Severity (%)	11.0%	45.0%	10.0%	34.0%			
	Drainage Density	8.42									
	Stream Types (%)	Aa+	A	B	C	D	Da+	E	F	Fb	G
		0%	17%	6%	0%	69%	0%	0%	5%	0%	2%
Streambank Erosion		Good	Fair	Fair-Poor	Poor						
	Percent of Stream Conditions	55%	33%	12%	0%	Total Erosion (tons/yr)	67				
	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	45%	21%	0%	20%	7%	0%	8%	0%	0%	
Hillslope Processes	Length of Road (ft)	3,983		Sediment from Surface Erosion (tons/yr)	8.90						
	Total Sediment from Roads (tons/yr)	0.01		Introduced Sediment Roads & Hillslope (tons/yr)	9						
Hydrology		Q _{BKF} (cfs)	1.1886	Pre-Fire	Post-Fire	Total Increase					
	Water Yield (ac ft)	129		148	19						
	Flow-Related Sediment (tons/yr)	11		15	4						
Erosion Summary	Total Introduced Sediment (tons/yr)	76		Sediment (tons/yr)	Banks	Roads	Surface Erosion	Streambed			
				67	0	9	-61				
	Total Flow Related Sediment (tons/yr)	15		Percent of Total Yield	N/A	N/A	N/A	N/A			
☐ Degradation ☒ Aggradation											

