



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 1 - FIT - Legacy Data Report

## Bartlett Brook

SGAT Version: **4.56**

Reach: **M01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>253.840</b>	<b>253.140</b>
		<b>00</b>	<b>00</b>
	Data Armoring:		
5.4	Straightening Length:	<b>177.25000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>86.2099991</b>
	Bank Height:	<b>Medium</b>	<b>9.000</b>



# Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov  
July, 17 2024

Reach: **T1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>49</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>120.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>105.190</b>	<b>125.870</b>
		<b>00</b>	<b>00</b>
	Data Armoring:		
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Flood Chute</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	<b>445.3900146</b>
	Bank Height:	<b>N.D.</b>	<b>3.426</b>

Reach: **T1.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>126</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>2</b>	
	Total Length:	<b>105.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>440.5000</b>	<b>173.3000</b>
6.4	Miander Migration:	<b>Multiple</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	<b>348.2799988</b>
	Bank Height:	<b>N.D.</b>	<b>2.940</b>



# Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov  
July, 17 2024

Reach: **T1.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>40.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>9.59000</b>
	Data Armoring:		
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	<b>0.0000000</b>
	Bank Height:	<b>N.D.</b>	<b>0.000</b>

Reach: **T1.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	<b>1400.00000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



# Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov  
July, 17 2024

Reach: **T1.03S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	<b>1242.00000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **T1.01S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts:	<b>2</b>	
	Total Length:	<b>252.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	<b>1421.00000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>160.0000</b>	<b>507.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>320.000000</b>
	Bank Height:	<b>Medium</b>	<b>15.004</b>

Reach: **M01S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>45.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>1029.00000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>282.0000</b>	<b>1035.0000</b>
6.4	Miander Migration:	<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

Reach: **M01S1.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts:	<b>2</b>	
	Total Length:	<b>275.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	<b>744.00000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>375.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **M03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:	<b>None</b>	
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	<b>0.0000000</b>
	Bank Height:	<b>N.D.</b>	<b>0.000</b>



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

Reach: **M04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:		
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		<b>306.0000000</b>
	Bank Height:		<b>1.500</b>

Reach: **M05**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data: <b>None</b>		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		<b>Flood Chute</b>
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	<b>0.0000000</b>
	Bank Height:	<b>N.D.</b>	<b>0.000</b>