



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov

February, 05 2026

### Phase 1 - FIT - Legacy Data Report

### Judevine Brook

SGAT Version: **4.56**

Reach:	<b>R11S0401</b>	<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	5.5	Dredging History:	
3.2	Grade Control:	6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	<u>One Side</u> <u>Both Sides</u>
5.1	Flow Regulation - Type:		Berms & Roads:	
	Use:		Berm:	
5.2	# of Bridges or Culverts:		Path:	
	Total Length:		Road:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Railroad:
	Data Armoring:			Corridor Development Data:
5.4	Straightening Length:			Length:
	Straightening Data:			Miander Migration:
				<u>Old</u> <u>New</u>
				Bank Erosion:
				Bank Height:

Reach:	<b>R11S0402</b>	<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	5.5	Dredging History:	
3.2	Grade Control:	6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	<u>One Side</u> <u>Both Sides</u>
5.1	Flow Regulation - Type:		Berms & Roads:	
	Use:		Berm:	
5.2	# of Bridges or Culverts:		Path:	
	Total Length:		Road:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Railroad:
	Data Armoring:			Corridor Development Data:
5.4	Straightening Length:			Length:
	Straightening Data:			Miander Migration:
				<u>Old</u> <u>New</u>
				Bank Erosion:
				Bank Height:



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov

February, 05 2026

Reach: **R11S0403**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	

Reach: **R11S0404**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

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February, 05 2026

Reach: **R11S0405**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	

Reach: **R11S0406**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

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February, 05 2026

Reach: **R11S0407**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	

Reach: **R11S0408**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov

February, 05 2026

Reach: **R11S0409**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	

Reach: **R11S0410**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:		5.5	Dredging History:	
3.2	Grade Control:		6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	
5.1	Flow Regulation - Type:			Berm:	
	Use:			Path:	
5.2	# of Bridges or Culverts:			Road:	
	Total Length:		6.2	Railroad:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Corridor Development Data:	
	Data Armoring:		6.4	Length:	
5.4	Straightening Length:			Miander Migration:	
	Straightening Data:			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	



# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov

February, 05 2026

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Reach:	<b>R11S0411</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>				
3.1		Alluvial Fan:			5.5	Dredging History:	
3.2		Grade Control:			6.1	Berms & Roads Data:	
4.3	4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
5.1	5.1	Flow Regulation - Type:				Berm:	
		Use:				Path:	
5.2	5.2	# of Bridges or Culverts:				Road:	
		Total Length:			6.2	Railroad:	
5.3	5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		Data Armoring:			6.4	Length:	
5.4	5.4	Straightening Length:				Miander Migration:	
		Straightening Data:				<u>Old</u>	<u>New</u>
					7.2	Bank Erosion:	
						Bank Height:	

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Reach:	<b>R11S04.05T.01</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>				
3.1		Alluvial Fan:			5.5	Dredging History:	
3.2		Grade Control:			6.1	Berms & Roads Data:	
4.3	4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
5.1	5.1	Flow Regulation - Type:				Berm:	
		Use:				Path:	
5.2	5.2	# of Bridges or Culverts:				Road:	
		Total Length:			6.2	Railroad:	
5.3	5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		Data Armoring:			6.4	Length:	
5.4	5.4	Straightening Length:				Miander Migration:	
		Straightening Data:				<u>Old</u>	<u>New</u>
					7.2	Bank Erosion:	
						Bank Height:	

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# Stream Geomorphic Assessment

## Agency of Natural Resources

VT DEC

Vermont.gov

February, 05 2026

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Reach:	<b>R11S04.05T.02</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>				
3.1		Alluvial Fan:			5.5	Dredging History:	
3.2		Grade Control:			6.1	Berms & Roads Data:	
4.3		Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
5.1		Flow Regulation - Type:				Berm:	
		Use:				Path:	
5.2		# of Bridges or Culverts:				Road:	
		Total Length:			6.2	Railroad:	
5.3		Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		Data Armoring:			6.4	Length:	
5.4		Straightening Length:				Miander Migration:	
		Straightening Data:				<u>Old</u>	<u>New</u>
					7.2	Bank Erosion:	
						Bank Height:	

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Reach:	<b>R11S04.05T.03</b>				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>				
3.1		Alluvial Fan:			5.5	Dredging History:	
3.2		Grade Control:			6.1	Berms & Roads Data:	
4.3		Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
5.1		Flow Regulation - Type:				Berm:	
		Use:				Path:	
5.2		# of Bridges or Culverts:				Road:	
		Total Length:			6.2	Railroad:	
5.3		Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		Data Armoring:			6.4	Length:	
5.4		Straightening Length:				Miander Migration:	
		Straightening Data:				<u>Old</u>	<u>New</u>
					7.2	Bank Erosion:	
						Bank Height:	

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