

Table 2

Impact Summary Tables

Valued Environmental Component Impact Summary

Whites Point Quarry and Marine Terminal
Environmental Impact Statement

Table 2, Part 1

Physical Environment	Time		Type/Significance of Effect				Scale
	Short Term	Long Term	Significant Positive	Significant Negative	Neutral	Insignificant Positive	Insignificant Negative
	☐	☐	●	●	●	●	●
Climate - Greenhouse Gas	☐	☐	●	●	●	●	●
Geology - Basalt rock	☐	☐	●	●	●	●	●
Hydrogeology - Residential Well Water Yield	☐	☐	●	●	●	●	●
Hydrogeology - Residential Well Water Quality	☐	☐	●	●	●	●	●
Surficial Geology and Soils	☐	☐	●	●	●	●	●
Little River Watershed	☐	☐	●	●	●	●	●
On-site Surface Water Drainage - Wetlands	☐	☐	●	●	●	●	●
On-site Surface Water Drainage - Quality	☐	☐	●	●	●	●	●
Physical Oceanography - Turbidity	☐	☐	●	●	●	●	●
Physical Oceanography - Tides and Currents	☐	☐	●	●	●	●	●
Air Quality - Particulate Emmissions	☐	☐	●	●	●	●	●
Noise and Vibration - Blasting	☐	☐	●	●	●	●	●
Noise and Vibration - Processing Plant	☐	☐	●	●	●	●	●
Noise and Vibration - Shiploading	☐	☐	●	●	●	●	●
Light - Night	☐	☐	●	●	●	●	●

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Table 2, Part 2

Biological Environment	Time		Type/Significance of Effect		Scale	
	Short Term	Long Term	Significant Positive	Significant Negative	Local	Regional
Terrestrial Ecology - Habitat Alteration	●		●			
Terrestrial Ecology - Habitat Diversity	●	●				
Terrestrial Floral Species at Risk	●	●				Ⓟ
Terrestrial Vertebrate Species at Risk	●		●			
Terrestrial Odonata Species at Risk	●			●		
Terrestrial Lepidoptera Species at Risk	●		●			
Terrestrial Wetlands	●			●		
Migratory Land Birds	●		●			
Aquatic Ecology - Freshwater Fish Habitat	●			●		
Aquatic Ecology - Marine Intertidal Habitat	○					
Aquatic Ecology - Marine Intertidal Habitat	●			●		
Aquatic Ecology - Marine Nearshore Habitat	○			●		
Aquatic Ecology - Marine Nearshore Habitat	●					
Marine Mammals and Waterbirds - Nearshore	●					
Fish - Endangered (Inner Bay of Fundy Salmon)	●					Ⓝ

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Table 2, Part 3

	Time		Type/Significance of Effect					Scale	
	Short Term	Long Term	Significant Positive	Insigificant Positive	Neutral	Significant Negative	Local	Regional	National/International
Fish - Threatened and Special Concern	●		●						Ⓝ
Waterfowl - Special Concern	●		●						Ⓝ
Marine Reptiles - Endangered	●		●						Ⓝ
Blasting - Fish Habitat	●		●		●	Ⓛ			
Blasting - American Lobster	●		●		●	Ⓛ			
Blasting - Marine Mammals	●		●		●	Ⓛ			
Blasting - Marine Mammals - Species at Risk	●		●		●				Ⓝ
Blasting - Waterbirds	●		●		●	Ⓛ			
Ship Interactions - North Atlantic Right Whale Conservation Area	●		●						Ⓝ
Ship Interactions - North Atlantic Right Whale Nearshore	●		●		●				Ⓝ
Ballast Water	●		●					Ⓡ	
Noise and Vibration Marine	●		●		●	Ⓛ			
Human Environment									
Heritage Resources - Marine Archaeology	●								Ⓛ
Heritage Resources - Land Archaeology	●								Ⓛ

Valued Environmental Component Impact Summary

Table 2, Part 4

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	Time		Type/Significance of Effect				Scale				
	Short Term	Long Term	Significant Positive	Significant Negative	Neutral	Significant Positive	Significant Negative	Local	Regional	Provincial	National/International
	●	●	●	●	●	●	●	(L)	(R)	(N)	(I)
Heritage Resources - History	●										
Heritage Resources - Heritage Properties	●								(R)		
Aesthetics - Highway #217	●								(R)		
Aesthetics - Bay of Fundy	●								(R)		
Economy - Quarry Construction Employment	○	●							(R)		
Economy - Quarry Construction GDP	○		●							(P)	
Economy - Quarry Operation Employment	●		●						(R)		
Economy - Quarry Operation GDP	●		●							(P)	
Economy - Quarry Operation Tax Revenue	●		●							(P)	(N)
Economy - Quarry Operation Mun. Tax Revenue	●		●						(R)		
Economy - Fishery - Aquaculture	●								(R)		
Economy - Fishery - Intertidal	●								(R)		
Economy - Fishery - Nearshore	●										(L)
Economy - Tourism	●										(R)
Economy - Land Value	●										(L)
Recreation	●										(L)

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Table 2, Part 5

Valued Environmental Component	Time		Type/Significance of Effect					Scale			
	Short Term	Long Term	Significant Positive	Significant Negative	Neutral	Insignificant Positive	Insignificant Negative				
Socio-Cultural - Quality of Life - Social Relations	●	●	●	●				(R)	(R)	Regional	
Socio-Cultural - Social Capital - Pre-project	○			●						(R)	Regional
Socio-Cultural - Social Capital - Life of Project				●						(R)	Regional
Socio-Cultural - Commercial Patterns				●						(R)	Regional
Socio-Cultural - Quality of Life - Environmental					●				(L)		Local
Community Infrastructure				●						(R)	Regional
Community Institutional Capacity				●						(R)	Regional
Education Training and Skills				●						(R)	Regional
Transportation - Land - Construction	○				●					(R)	Regional
Transportation - Land - Operation					●					(R)	Regional
Transportation - Marine - Construction and Operation	○				●				(L)		Local
Human Health - Offsite Drinking Water Quality					●					(L)	Local
Human Health - Onsite Drinking Water Quality					●					(L)	Local
Human Health - Marine Contaminates					●					(L)	Local
Human Health - Land Contaminates					●					(L)	Local
Human Health - Country Foods					●					(L)	Local