Table 2

Impact Summary Tables
### Valued Environmental Component Impact Summary

**Whites Point Quarry and Marine Terminal Environmental Impact Statement**

<table>
<thead>
<tr>
<th>Physical Environment</th>
<th>Time</th>
<th>Type/Significance of Effect</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate - Greenhouse Gas</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Geology - Basalt rock</td>
<td>[ ]</td>
<td>! [ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Hydrogeology - Residential Well Water Yield</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Hydrogeology - Residential Well Water Quality</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Surficial Geology and Soils</td>
<td>[ ]</td>
<td>! [ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Little River Watershed</td>
<td>[ ]</td>
<td>! [ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>On-site Surface Water Drainage - Wetlands</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>On-site Surface Water Drainage - Quality</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Physical Oceanography - Turbidity</td>
<td>[ ]</td>
<td>! [ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Physical Oceanography - Tides and Currents</td>
<td>[ ]</td>
<td>! [ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Air Quality - Particulate Emmissions</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Noise and Vibration - Blasting</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Noise and Vibration - Processing Plant</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Noise and Vibration - Shiploading</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Light - Night</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

*Table 2, Part 1*
<table>
<thead>
<tr>
<th>Biological Environment</th>
<th>Time</th>
<th>Type/Significance of Effect</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terrestrial Ecology - Habitat Alteration</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Terrestrial Ecology - Habitat Diversity</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Terrestrial Floral Species at Risk</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Terrestrial Vertebrate Species at Risk</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Terrestrial Odonata Species at Risk</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Terrestrial Lepidoptera Species at Risk</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Terrestrial Wetlands</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Migratory Land Birds</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Aquatic Ecology - Freshwater Fish Habitat</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Aquatic Ecology - Marine Intertidal Habitat</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Aquatic Ecology - Marine Intertidal Habitat</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Aquatic Ecology - Marine Nearshore Habitat</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Aquatic Ecology - Marine Nearshore Habitat</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Marine Mammals and Waterbirds - Nearshore</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Fish - Endangered (Inner Bay of Fundy Salmon)</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
</tbody>
</table>
# Valued Environmental Component Impact Summary

Whites Point Quarry and Marine Terminal Environmental Impact Statement

<table>
<thead>
<tr>
<th></th>
<th>Time</th>
<th>Type/Significance of Effect</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fish - Threatened and Special Concern</strong></td>
<td>![Green]</td>
<td>![Gray]</td>
<td>![National/International]</td>
</tr>
<tr>
<td><strong>Waterfowl - Special Concern</strong></td>
<td>![Green]</td>
<td>![Gray]</td>
<td>![National/International]</td>
</tr>
<tr>
<td><strong>Marine Reptiles - Endangered</strong></td>
<td>![Green]</td>
<td>![Gray]</td>
<td>![National/International]</td>
</tr>
<tr>
<td><strong>Blasting - Fish Habitat</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![Local]</td>
</tr>
<tr>
<td><strong>Blasting - American Lobster</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![Local]</td>
</tr>
<tr>
<td><strong>Blasting - Marine Mammals</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![Local]</td>
</tr>
<tr>
<td><strong>Blasting - Marine Mammals - Species at Risk</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![National/International]</td>
</tr>
<tr>
<td><strong>Blasting - Waterbirds</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![Local]</td>
</tr>
<tr>
<td><strong>Ship Interactions - North Atlantic Right Whale Conservation Area</strong></td>
<td>![Green]</td>
<td>![Gray]</td>
<td>![National/International]</td>
</tr>
<tr>
<td><strong>Ship Interactions - North Atlantic Right Whale Nearshore</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![National/International]</td>
</tr>
<tr>
<td><strong>Ballast Water</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![Local]</td>
</tr>
<tr>
<td><strong>Noise and Vibration Marine</strong></td>
<td>![Green]</td>
<td>![Yellow]</td>
<td>![Local]</td>
</tr>
</tbody>
</table>

## Human Environment

<table>
<thead>
<tr>
<th></th>
<th>Time</th>
<th>Type/Significance of Effect</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heritage Resources - Marine Archaeology</strong></td>
<td>![Green]</td>
<td>![Gray]</td>
<td>![Local]</td>
</tr>
<tr>
<td><strong>Heritage Resources - Land Archaeology</strong></td>
<td>![Green]</td>
<td>![Gray]</td>
<td>![Local]</td>
</tr>
</tbody>
</table>
### Valued Environmental Component Impact Summary

**Whites Point Quarry and Marine Terminal Environmental Impact Statement**

<table>
<thead>
<tr>
<th>Heritage Resources - History</th>
<th>Time</th>
<th>Type/Significance of Effect</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aesthetics - Highway #217</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aesthetics - Bay of Fundy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Quarry Construction Employment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Quarry Construction GDP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Quarry Operation Employment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Quarry Operation GDP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Quarry Operation Tax Revenue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Quarry Operation Mun. Tax Revenue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Fishery - Aquaculture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Fishery - Intertidal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Fishery - Nearshore</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Tourism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economy - Land Value</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recreation</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Valued Environmental Component Impact Summary

**Whites Point Quarry and Marine Terminal Environmental Impact Statement**

<table>
<thead>
<tr>
<th>Component</th>
<th>Time</th>
<th>Type/Significance of Effect</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Socio-Cultural - Quality of Life - Social Relations</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Socio-Cultural - Social Capital - Pre-project</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Socio-Cultural - Commercial Patterns</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Socio-Cultural - Quality of Life - Environmental</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Community Infrastructure</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Community Institutional Capacity</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Education Training and Skills</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Transportation - Land - Construction</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Transportation - Land - Operation</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Transportation - Marine - Construction and Operation</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Human Health - Offsite Drinking Water Quality</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Human Health - Onsite Drinking Water Quality</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Human Health - Marine Contaminates</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Human Health - Land Contaminates</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
<tr>
<td>Human Health - Country Foods</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
<td>![Symbol]</td>
</tr>
</tbody>
</table>