

AGGREGATE SEARCH ATLANTIC CANADA COAST LINE



PROBLEM

A global industrial client identified a need for a bedrock derived aggregate supply for eastern coastal United States markets. A major project requirement was that the site would need to support construction of a port facility capable of servicing panamax class bulk carriers.

APPROACH

Jagger Hims Limited conducted an extensive record search of coastal geologic information. Specific bedrock aggregate related data is generally poor in Atlantic Canada owing to the regions use of sand and gravel resources. Our experience in understanding the needs and constraints of the aggregate industry as it applies to bedrock resources proved valuable. Infrastructure, cultural constraints and harbour suitability were also considered. Geologists in the field surveyed over 800 km of coastline exposure.

RESULTS

A detailed report was submitted which identified and ranked constraints encountered during the search. The process used to narrow such a wide search area to a few selected target sites was explained. The report concluded that fewer than ten potential sites met the project constraints. These sites were mapped and discussed in detail.