## **CEMENT GRADE LIMESTONE**

Does your company want to increase its cement output, expand markets and guarantee a strategic reserve into the next century?

## Nova Scotia has a lot to offer:

- Carbonate deposits containing more than 1 billion tonnes, most of which is cement grade limestone.
- Coastal land available in an area zoned as heavy industrial.
- Deep water shipping at the Strait of Canso Superport, an ice-free harbour.
- Shared access to marine bulk-cargo terminals and lay-down areas.
- Dockside coal supplies.

potentia

• An educated work force.

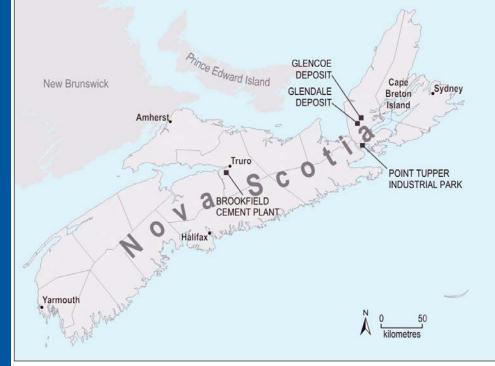
- Communities and governments committed to resource-based industrial development.
- A favourable and proven permitting environment.
- Clinker and Portland cement are currently shipped out of Halifax by Lafarge to meet production shortfalls in New England.
- Nova Scotia is a proven exporter of industrial minerals.
- Eight million tonnes of gypsum and 3.5 million tonnes of crushed stone are shipped annually to the eastern seaboard of the USA, the Gulf Coast and the Caribbean.-

Point Tupper Industrial Park



2006 Information Circular ME 62





Map of Nova Scotia showing the sites discussed in text

- On Cape Breton Island, limestone resources exceed 1 billion tonnes, with large quantities of cement grade stone. The deposits are close to highways or can be linked to the Strait of Canso Superport through the Cape Breton and Central Nova Scotia short line railroad (a subsidiary of Rail America).
- A large area zoned as heavy industrial is located in the Point Tupper area of Cape Breton Island. Active industrial operations in this zone include the Stora Forest Industries paper mill, Georgia Pacific's gypsum export terminal, Sable Offshore Energy's gas fractionation plant, Statia Terminals' oil transshipment terminal, Federal Gypsum's wallboard plant, and Nova Scotia Power's Point Tupper coal-fired Power Generation Station and coal transhipment terminal operated by Savage CANAC.
- Water depths in the Canso Superport allow inshore dockage of Supertankers and Post-Panamax cargo vessels.
- Under-utilized bulk cargo export terminals have room for expansion to accommodate lay-down areas for new cargoes.
- Nova Scotia Power's Coal Trans-shipment Terminal allows access to global coal resources. A large provincial coal resource, the Donkin Mine, is expected to go into production in 2010. Rail connections are available between the mine site and Point Tupper.

- Over 55% of the working age population of Nova Scotia have post-secondary education. In the 25 to 34 year age class, 60% have post-secondary education certificates.
- Municipal, provincial and federal government agencies are working together to promote mineralbased development opportunities in Nova Scotia. The "Minerals Team" operating out of Port Hawkesbury, adjacent to the Point Tupper Industrial Park, can facilitate site tours and access to relevant business information.
- In Nova Scotia, over the last seven years, operating and environmental approvals were given to new gypsum, coal, silica and crushed stone quarries, and the Sable Offshore Energy Project, including offshore gas wells, sub-sea pipelines, a gas plant and the Maritimes & Northeast natural gas pipeline to New England. In addition, in December 2005, Anadarco received the federal and provincial environmental permits required to construct an LNG plant at Bear Head, in the Point Tupper Industrial Park.
- Lafarge produces cement at its Brookfield Plant for local Maritime Canada markets and has been shipping 50 000 to 75 000 tonnes of clinker and Portland cement annually to meet production shortfalls in New England. In recent years cement consumption in the US has exceeded domestic production, with imports of clinker and cement accounting for 20% to 25% of the total consumption.







Natural Resources Mineral Resources Branch

> 1701 Hollis Street Halifax, Nova Scotia B3J 2T9 Canada

For more information contact:

R. J. (Bob) Ryan Manager, Resource Evaluation phone: 902-424-8148 E-mail: rjryan@gov.ns.ca or visit our website: http://www.gov.ns.ca/natr/meb