

Bruce Mines Dredging

Shipping Channel, Bruce Mines, Ontario, Canada



COMPLETION DATE

August 1995

VALUE OF CONTRACT

\$1,100,000.00

OWNER

Ontario Trap Rock Ltd.
Gloucester, Ontario

CONSULTANT

C.B. Fair & Associates
Mr. Colin Fair
416-449-3325



Project Description

DESCRIPTION

Dredging of Shipping Channel, approximately 114,000m³ of medium to hard clay, silt, sand and gravel mixture which was pumped into a pre-constructed contained disposal facility

EQUIPMENT

The 16 in cutter suction dredge "John Holden" with approximately 5200 ft of 16 in. Ø Pipeline was used to pump material to containment facility

DREDGING METHOD

Since the area to be dredged as well as the disposal site was environmentally sensitive, the owners chose to complete the work with a hydraulic cutter suction dredge. The dredged material was pumped into a confined disposal area with decant weirs & flocculent injections to control the amount of suspended solids going back into the water stream.