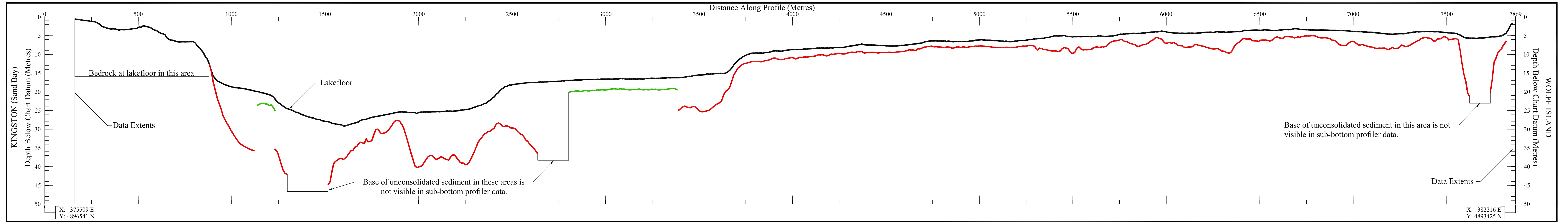
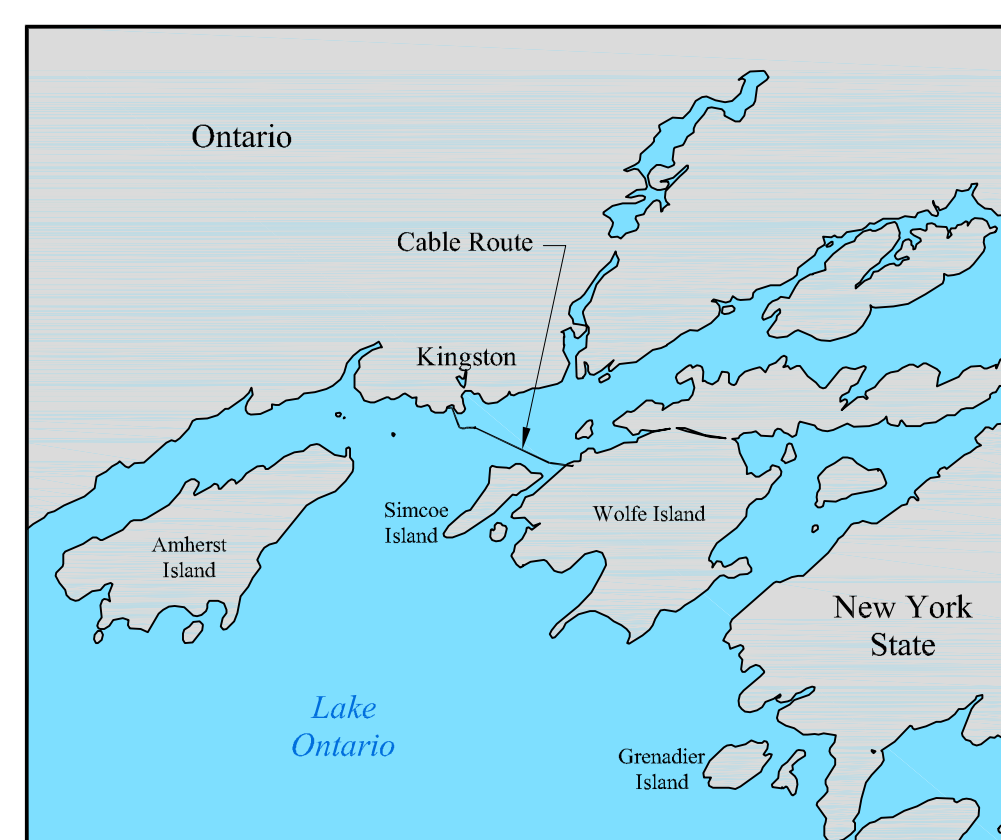


PROFILE ALONG PROPOSED CABLE ROUTE



ENGINEERING NOTES

KEY MAP



LEGEND

- Lakefloor
- Base of unconsolidated sediments
- Top of Gas

NOTES

FIELD SURVEY

The survey was conducted by Canadian Seabed Research Ltd. on June 8 and 9, 2005.

Party Chief: Blaine Carr

SURVEY VESSEL AND EQUIPMENT

Vessel: "Seastar"
 Positioning System: Differential GPS
 Survey Navigation Software: Hypack Max
 Echo Sounder: Odom Echotrac CV3 (33 & 200 kHz)
 Side Scan Sonar: Klein 595 (100 kHz)
 Sub-bottom Profiler: Klein 3.5 kHz
 Digital Acquisition System: Coda DA-100

BASEMAP

Projection: Universal Transverse Mercator (Zone18)
 Meridian of Origin: 78° West of Greenwich
 Latitude of Origin: Equator
 False Co-ords of Origin: 500,000m East
 Nil m North
 Horizontal Datum: North American Datum 1983 (NAD83)
 Vertical Datum: Chart Datum (74.2 metres above I.G.L.D. 1985)
 Units: Metres

BATHYMETRY

Soundings were recorded continuously along each survey line using a Odom Echotrac CV3 dual frequency echosounder (33-200 kHz).

Raw Sounding data were collected in digital format. Raw digital soundings were post processed, and reduced to Chart Datum (74.2 metres above I.G.L.D. 1985) with hourly observed water level data from the CHS Kingston water level station(13988).

Additional sounding data was digitized from CHS Field Sheets 8078 (1981[sounding in metres]) and 3664 (1970 [soundings in feet]). Soundings were spaced approximately 50 to 100 metres apart on both field sheets. Since the soundings obtained from Field Sheet 3664 were in feet, a conversion to metres was performed. The projection of both field sheets was UTM (Zone18) NAD27 with the Chart Datum of 74.005m above IGLD 1985. The soundings obtained from the field sheets were then shifted so that the data was projected in UTM (Zone18) NAD83. In addition, these soundings were adjusted vertically so that the data would be represented in the more recent Chart Datum of 74.2m above IGLD 1985. This data set was combined with the sounding data collected and processed by CSR.

The data was imported into Surfer, a surface modelling package, to create 10 metre by 10 metre grid cells based on a kriging interpolation algorithm. The bathymetric profile was created from the gridded data.

The survey was conducted using a primary bathymetric line spacing of 10m. The bathymetric profile found on this map was interpolated between adjacent survey lines and between digitized soundings.

SUB-BOTTOM GEOLOGY

The shallow sub-surface geological interpretation was based on sub-bottom profiler data digitally collected with a Coda DA-100 Acquisition System. Depths below lakebed were determined using a seismic velocity of 1600 m/s.

HORIZONTAL SCALE:
1:7500

VERTICAL SCALE:
1:375

VERTICAL EXAGGERATION: 20 Times

CANADIAN SEABED RESEARCH LTD.
 341 MYRA ROAD, PORTERS LAKE, NOVA SCOTIA
 CANADA B3E 1G2
 Tel: (902) 827-4208 Fax: (902) 827-2002
 Email: info@csr-marine.com

ENGINEERING & ENVIRONMENTAL GEOPHYSICS

Prepared For: Canadian Renewable Energy Corp.

c/o Canadian Projects Limited
 #240, 523 Woodpark Blvd. SW
 Calgary, AB, T2W 4J3
 Phone: (403) 508-1560 Fax: (403) 238-5460

Wolfe Island Cable Route Survey Kingston, Ontario Proposed Cable Route Profile Enclosure 4

REV	DATE	REMARKS	INTERPRETED BY	COMPILED BY	CHECKED BY
0	June 18, 2007	Draft	AC	MW	GG
0	July 9, 2007	Final	AC	MW	GG

HORIZONTAL SCALE: 1:7500
 VERTICAL SCALE: 1:375
 PROJECTION: UTM Zone 18
 CSR PROJECT #: 0716 FILE: 0716E04_Profile.dwg