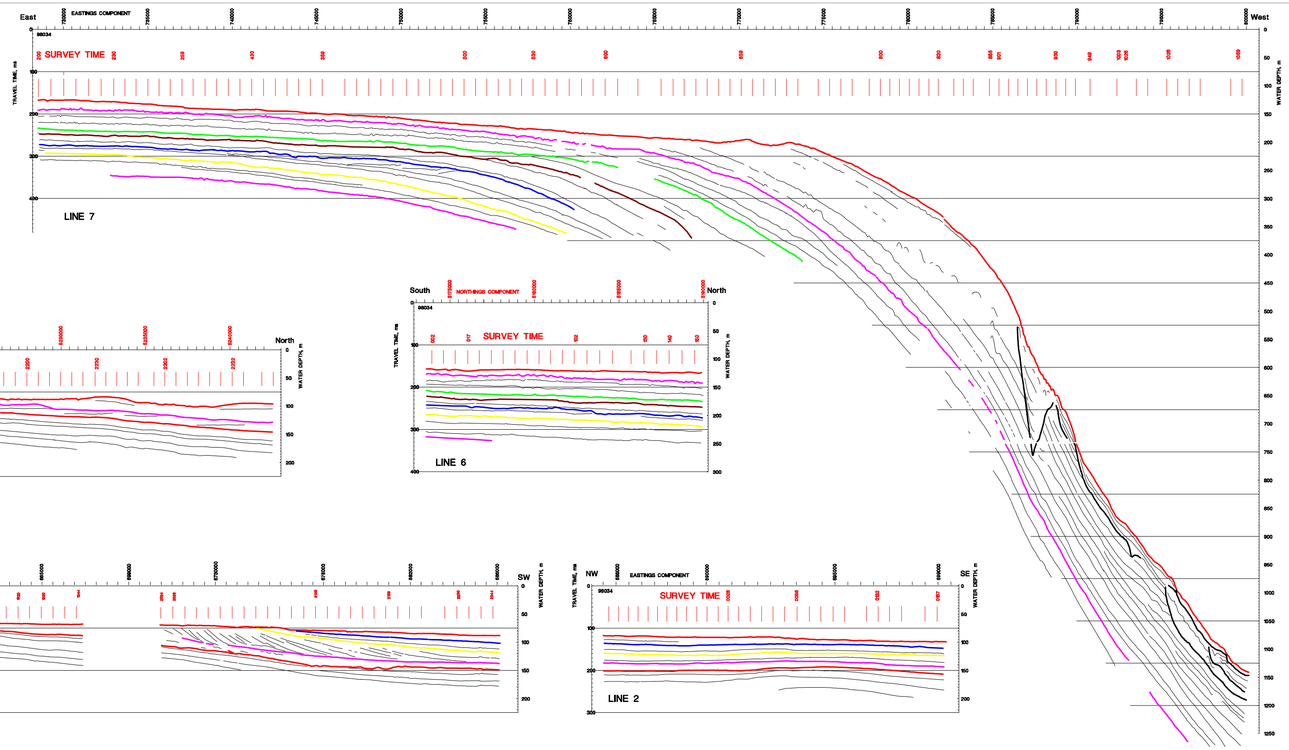
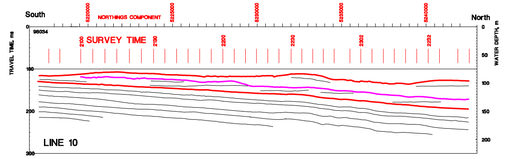
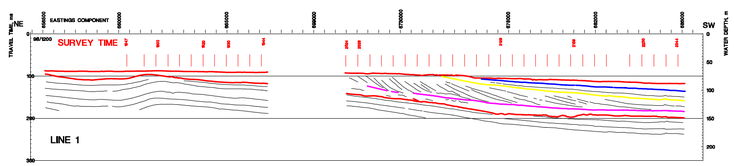
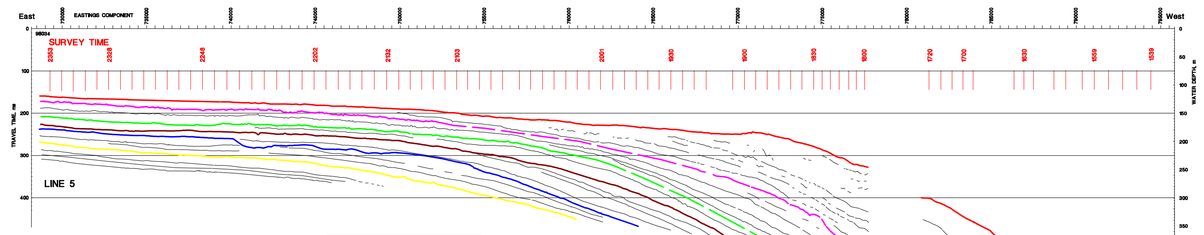
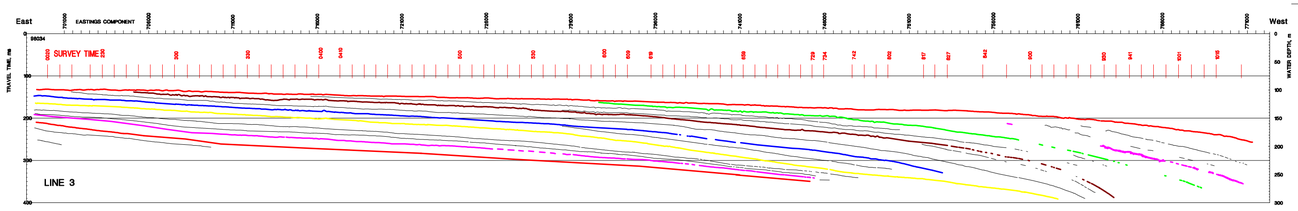
Canada











GEOLOGICAL SURVEY OF CANADA

COMMISSION GÉOLOGIQUE DU CANADA

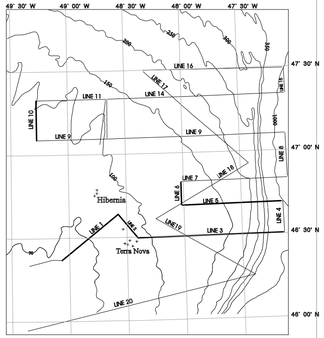
OPEN FILE
DOSSIER PUBLIC

GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA
3886

SHEET 3 OF 5

Recommended citation: King, E.L. 1999. Characterization of near-surface seismostratigraphy and features of Northeastern Brand Bank: Sea level fluctuations, glaciation and slope stability. GSC Open File No.3886, Oct. 1999.

Natural Resources Canada / Ressources naturelles Canada



Colours at top of Unit correspond with same coloured reflectors in profile			Unit Description/Interpretation
Barquereau Formation			Glacial-dominated deposits moraines, till-debris, till blanket, undifferentiated pro-glacial sediments
			UNCONFORMITY
	1	Undifferentiated	Shelf edge progradation thick, multi-phased shelf progradation and mass wasting
			UNCONFORMITY
	1	D	Shelf edge progradation correlations impredise due to sparse data coverage
			UNCONFORMITY
	1	C	Shelf aggradation, shelf-edge progradation
			UNCONFORMITY
	1	B	Shelf aggradation, shelf-edge progradation
			UNCONFORMITY
	1	A	Shelf aggradation, shelf-edge progradation locally dissected surface, local backward progradation
			UNCONFORMITY
	2	B	Expansive Progradational body and distal equivalents multi-phase lobes with high-angle, delta-like foresets
			UNCONFORMITY
	2	A (Alberta Delta)	Expansive Progradational body and distal equivalents multi-phase lobes occasionally with low angle foresets
			UNCONFORMITY
	3	B	Parallel to slightly splaying aggradational beds downlapping on top of Unit 3a
			UNCONFORMITY
	3	A	Parallel to slightly splaying aggradational beds low angle foresets at western end
			UNCONFORMITY
	4	B	Shelf aggradation to progradation occasional low angle delta-like foresets and distal equivalents
			UNCONFORMITY
	4	A	Progradational body steep delta-like foresets and distal equivalents

This Enclosure part of:
Nearsurface Charcterization of 1998 Seismic Reflection Data
Contract to GSC-Atlantic 23420-8-M502 and ammendment

Scale

0 2 4 6 8 10

Kilometres

Geological Survey of Canada
Atlantic

King Geological
Marine Consulting

Northeast Grand Bank
Selected Geologic Profiles
Cruise 98-034

DATE: Feb., 1998	GEOLOGIST: Edward L. King	
PROJECTION: UTM Zone 22 CM 51°W		SCALE: 1: 200 000
ENCL: 2B	DRAWN BY: E. King	KING GEOL. PROJ:98-03