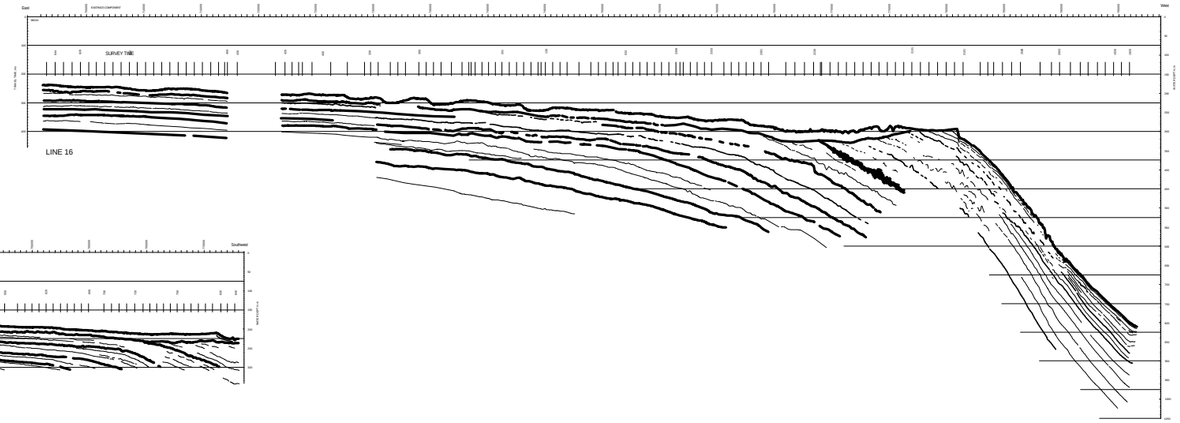
Canada

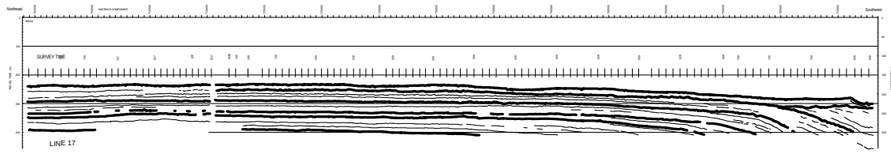
GEOLOGICAL SURVEY OF CANADA — COMMISSION GÉOLOGIQUE DU CANADA

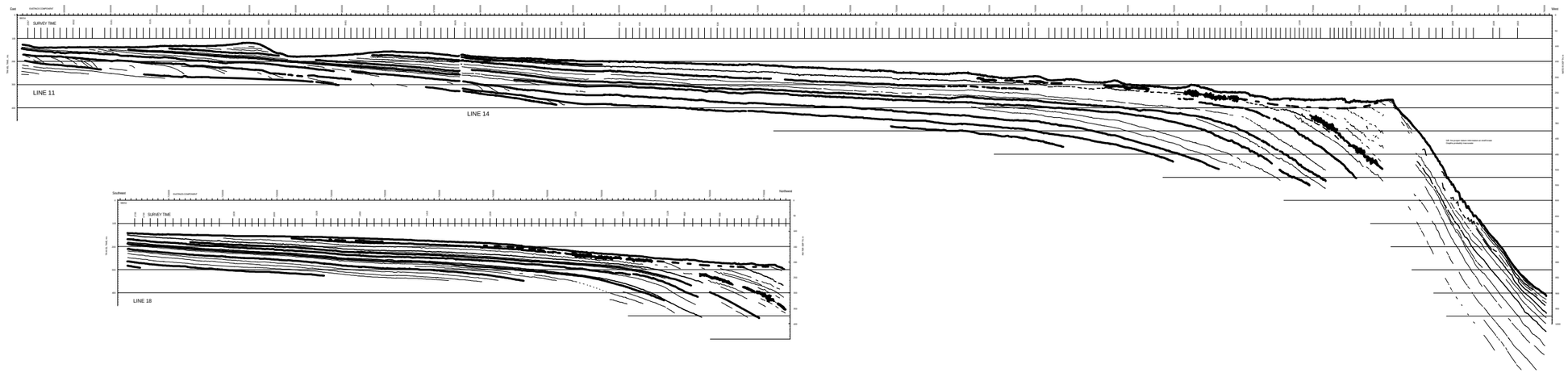
OPEN FILE
DOSSIER PUBLIC

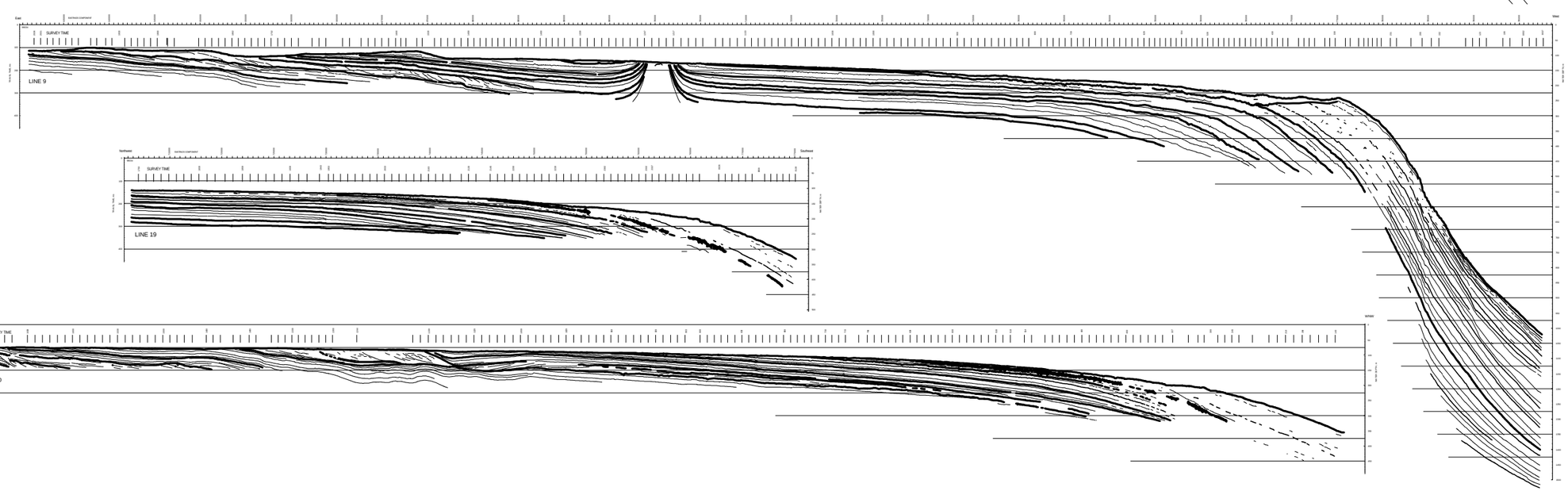
GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA
3886

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.





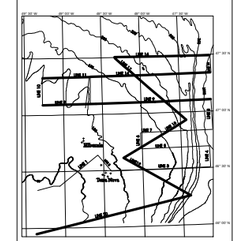




Natural Resources Canada — Ressources naturelles Canada

Enclosure 2A

See full size version
in back envelope



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

Seismic stratigraphy of Late Cenozoic sediments on Northeastern Grand Bank and adjacent slope			Unit Description/Interpretation
Progradational Unit/Subunit			**Glacial-transported deposits** Morainic, till ridges, glaciomarine, ice-rafted material and glacial sediments GLACIAL/GLACIOMARINE
	1	Undifferentiated	**Shelf-edge progradation** Sands, muddy sandstone and prograding sequence and mass wasting SHELF/SLOPE
	1	D	**Shelf-edge progradation** Sands, muddy sandstone and prograding sequence and mass wasting SHELF/SLOPE
	1	C	**Shelf-aggradation, shelf-edge progradation** Sands, muddy sandstone and prograding sequence and mass wasting SHELF/SLOPE
	1	B	**Shelf-aggradation, shelf-edge progradation** Sands, muddy sandstone and prograding sequence SHELF/SLOPE
	1	A	**Shelf-aggradation, shelf-edge progradation** Sands, muddy sandstone and prograding sequence SHELF/SLOPE
	2	B	**Aggrading Progradational body and distal equivalents** Sands and muddy sandstone with some clinoforms SHELF/SLOPE
	2	A	**Aggrading Progradational body and distal equivalents** Sands and muddy sandstone with some clinoforms SHELF/SLOPE
	3	B	**Parallel to slightly sloping aggradational beds** Sands and muddy sandstone SHELF/SLOPE
	3	A	**Parallel to slightly sloping aggradational beds** Sands and muddy sandstone SHELF/SLOPE
	4	B	**Shelf-aggradation to progradation** Mostly muddy sandstone with some sands and distal equivalents SHELF/SLOPE
	4	A	**Progradational body** Muddy sandstone with some sands and distal equivalents SHELF/SLOPE

Scale

0 2 4 6 8 10

Kilometres

Geological Survey of Canada
Atlantic

King Geological Profile Collection

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: 2A	DRAWN BY: E. King	KING GEOL. PROD: 98-03	