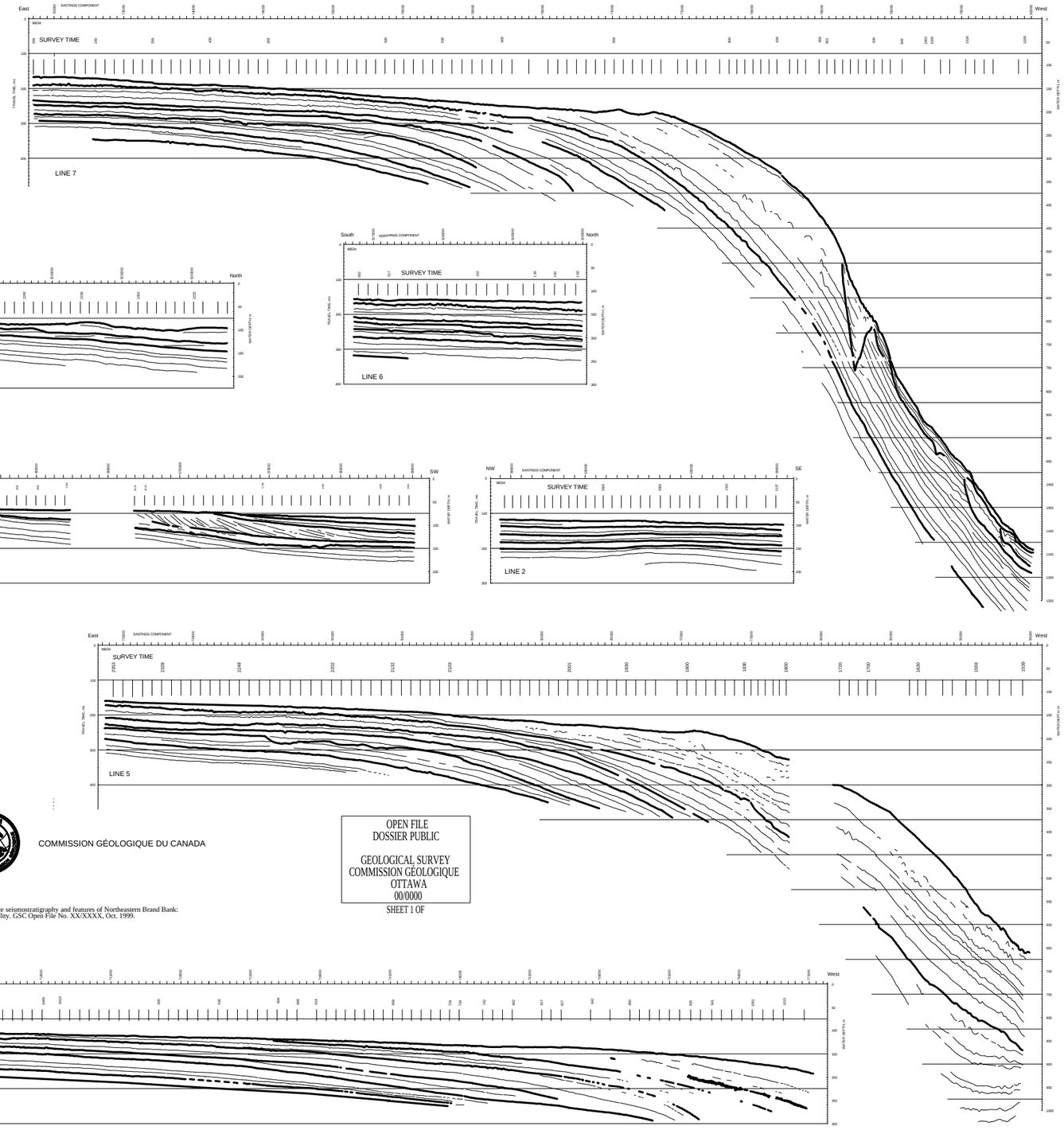
Canada

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SHEET 1 OF

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. XX/XXXX, Oct. 1999.

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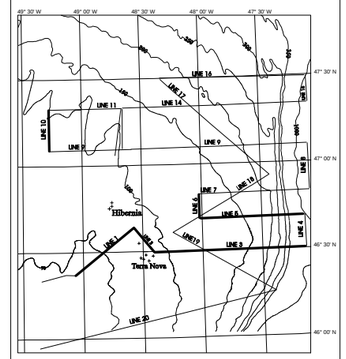
Enclosure 2B

See full size version
in back envelope




| Colours at top of Unit correspond with same coloured reflection in profile | | | Unit Description/Interpretation |
|---|---|---|---|
| Banquereau Formation | | | Glacial-dominated deposits<br>moraines, till-delta, till blanket, undifferentiated pro-glacial sediments<br>UNCONFORMITY |
| | 1 | Undifferentiated | Shelf edge progradation<br>thick, multiphased shelf progradation and mass wasting<br>UNCONFORMITY |
| | | D | Shelf edge progradation<br>correlations imprecise due to sparse data coverage<br>UNCONFORMITY |
| | | C | Shelf aggradation, shelf-edge progradation<br>UNCONFORMITY |
| | | B | Shelf aggradation, shelf-edge progradation<br>UNCONFORMITY |
| | | A | Shelf aggradation, shelf-edge progradation<br>locally dissected surface, local landward progradation<br>UNCONFORMITY |
| | 2 Hibernia Delta | B | Expansive Progradational body and distal equivalents<br>multiphase lobes with high-angle, delta-like foresets<br>UNCONFORMITY |
| | | A | Expansive Progradational body and distal equivalents<br>multiphase lobes occasionally with low angle foresets<br>UNCONFORMITY |
| | 3 | B | Parallel to slightly splaying aggradational beds<br>downlaps on top of Unit 3a<br>UNCONFORMITY |
| | | A | Parallel to slightly splaying aggradational beds<br>low angle foresets at western end<br>UNCONFORMITY |
| | 4 | B | Shelf aggradation to progradation<br>occasional low angle delta-like foresets and distal equivalents<br>UNCONFORMITY |
| | | A | Progradational body<br>deep 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 |