

AREA: Shubenacadie, NS
 LINE 2: Crombe Road
 SP 1299 EAST SP #
 REVERSE POLARITY

MIGRATION STACK

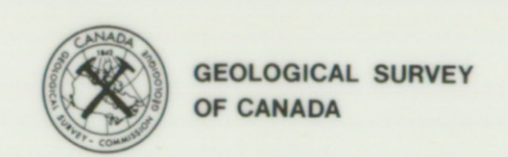
FIELD PARAMETERS

Date shot: Oct. 1994
 Instrument: OYO 085-1
 Filter: 3175 - OUT, NOTCH OUT
 Spread: 24 trace, 5 - 120 m.
 Source: 12 gram
 Spacing: 5 m.
 Geophone: 5 m.
 Array: Single geophone.
 Sampling: 5 ms.

PROCESSING PARAMETERS

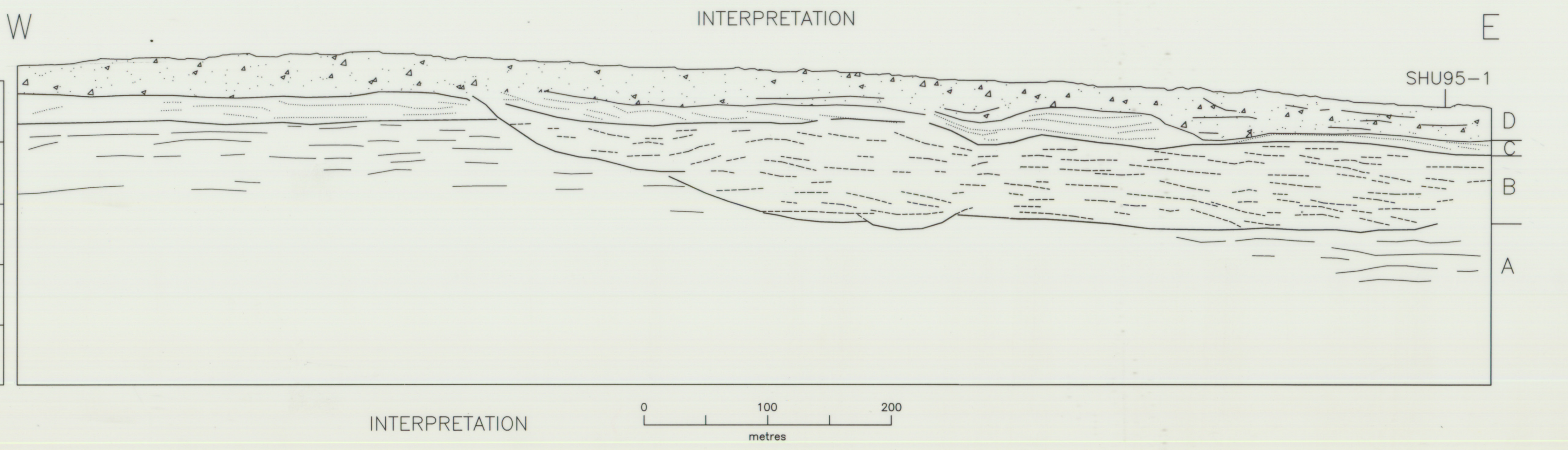
Date: Dec 1994
 Trace Edit: Retros(Bt)
 Exponential Scaling: Geophone response only
 Phase Compression: Surface consistent mean amplitude
 Trace Equalization: 5 component surface consistent
 Denoising: First break region
 Equalization Scaling: Trace Gaters
 Trace Gaters: Datum 0 m., W 1500 m/s.
 Residual Statics: Station, hand picked
 Velocity Analysis: Semblance
 Move: 20m, 140m, 85 m.
 Cdp Trim Statics: +/- 3.0 ms.
 Stack: 12 fold
 Filter: 50-90 - 280/320 Hz.
 Trace Equalization: Mean amplitude scale 10 - 200 ms.
 Migration: Circraft summation

SCALE: Horizontal 21 Transvers Vertical 20 In/second



Nova Scotia Department of Natural Resources

Canada-Nova Scotia Mineral Development Agreement



SEISMIC STRATIGRAPHIC INTERPRETATION

- | SEISMIC SEQUENCE | INTERPRETATION |
|------------------|---|
| D | Quaternary drift; mainly till; 2 till sheets with intervening sand - gravel lenses |
| C | Quaternary drift; mainly glaciolacustrine deposits, clay, sand, gravel |
| B | Early Cretaceous sediments; mainly silica sand, lenses of kaolinitic clay - lignite |
| A | Carboniferous bedrock; limestone, dolostone |

INTERPRETATION