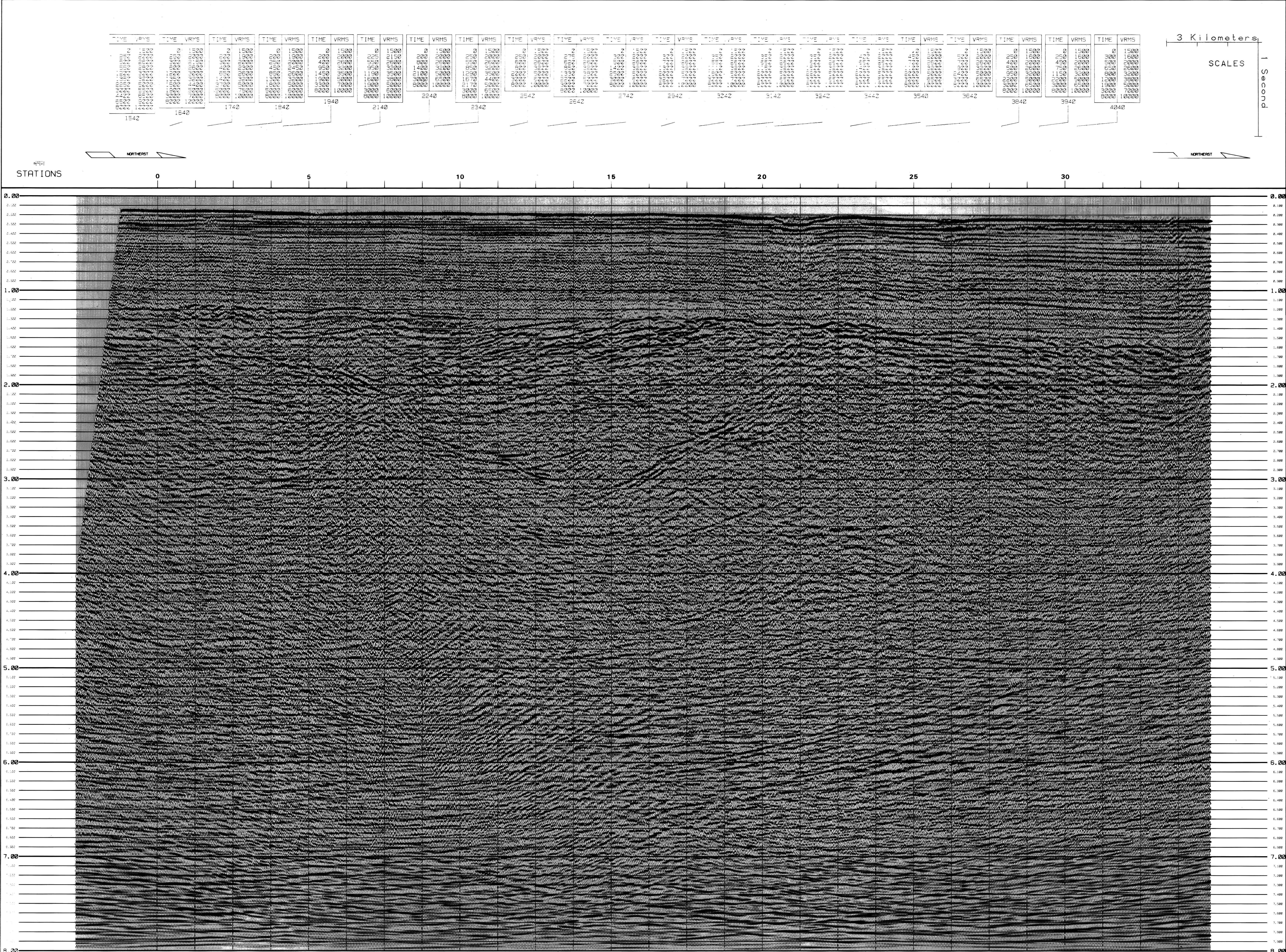




GRANT-NORPAC
LINE: LS-10
SPS: 760 - 2200
NORTHEAST

AREA: GREAT LAKES SURVEY 1985
LOCATION: LAKE SUPERIOR

MIGRATION

FIELD RECORDING PARAMETERS			
RECORDED BY	GRANT/NORPAC #507	INSTRUMENTS	T.I. OFS-V
SAMPLE INTERVAL	2 MS	TRACES/RECORD	128
RECORD LENGTH	8.0 SECONDS	FIELD FILTERS	8/18-128 HZ
DATE RECORDED	MAR 1985	PRE AMP GAIN	36 DB
GROUP INTERVAL	25 METERS	SP INTERVAL	25 METERS
NO. OF GUNS	18	VOLUME	1500 CU. IN.
CABLE TYPE	SECO CENTURY	NAVIGATION	LOGAN E
NEAR OFFSET	200 METERS	SPREAD DIAPHRAM	3104 METERS
FAR 0M GUN 98.5M NEAR 200M FAR 3104M			

PROCESSING SEQUENCE

- DEMULTIPLYX
30 BIT FLOATING POINT
4 MS. SAMPLE RATE
- TRACE EDIT
- AUTOMATIC GAIN CONTROL
- SPIKING DECONVOLUTION
454 MS OPERATOR
PRE WHITENING 1X
- COMMON DEPTH POINT GATHER
50 FOLD
25 METER CDP INTERVAL
- VELOCITY ANALYSIS
EVERY 1000 METERS
- NORMAL MOVEOUT CORRECTION
- TRACE MUTE
- COMMON DEPTH POINT STACK
- GAP DECONVOLUTION
144 MS OPERATOR
24 MS LAG
12 PREWHITENING
- FILTER
8 - 40 HZ.
- FK FILTER
- TRACE BALANCE
- MIGRATION (FINITE DIFFERENCE)

DISPLAY PARAMETERS	
HORIZONTAL SCALE	50.0 TRACES/IN.
VERTICAL SCALE	2.5 IN./SEC.
POLARITY	BLACK-POSITIVE
DIRECTION	TO R
1 KM = ----- (0.8 IN.)	

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DATE *5/90*

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APRIL 1990

Miscellaneous Paper 91-2: Seismic Reflection
Profiling and Tectonic Evolution of the
Midcontinent Rift in Lake Superior
Plate 3: Line 10
1992

These profiles have been photomechanically
reduced from an original plotted scale of 1 second
= 2.5 inches; as a result, some of the image may
have been degraded.

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