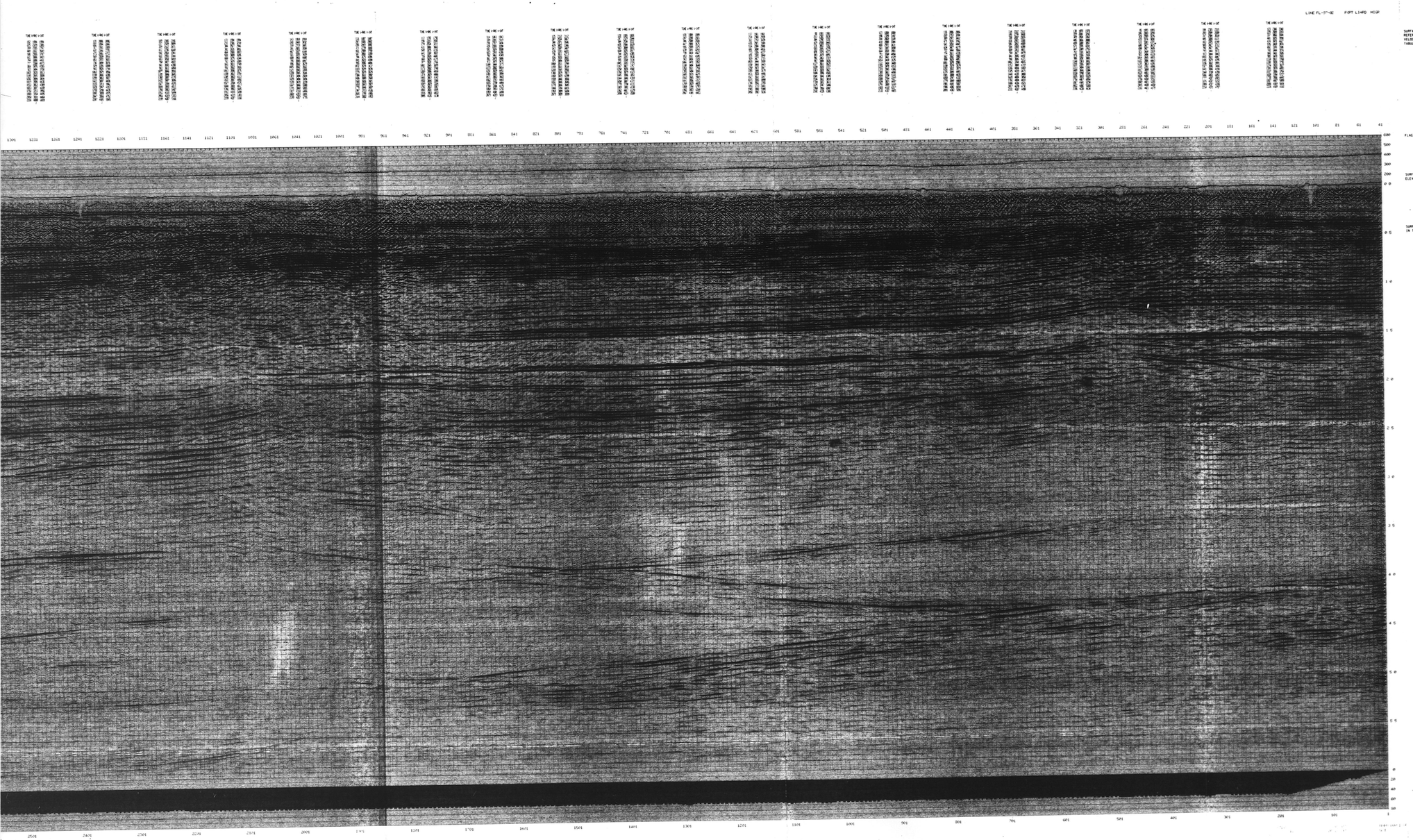

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GEOPHYSICAL SERVICE INCORPORATED

LINE: FL-97-02
PROJECT: FORT LIARD
LOCATION: NORTHWEST TERRITORIES

SP.2367 ——→ NE SP.41

STRUCTURE STACK MIGRATED

POLARITY ■ NP □ RP

FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT FOR:	G.S.I.
SHOT BY:	ENERTEC GEOPHYSICAL SERVICES LTD., PTY: 178
DATE:	APR. 1997
SPREAD:	2730 - 45 GP 45 - 2730 M.
SOURCE INTERVAL:	60 M.
RECEIVER INTERVAL:	15 M.
ACQUISITION FOLD:	4500 %
SOURCE: VIBROSEIS	4 VIBS.OVER 30 M., DRAG 30 M
SWEEP:	4 SWEEPS, 12.0 OR 16.0 %, 8-96 HZ.
RECEIVERS:	MARK UNI-A, 10 HZ., 6 OVER 15 M.
INSTRUMENTS:	ARAM 24 360 TRACE
GAIN MODE:	IFP
TAPE FORMAT:	SEG Y
FIELD FILTERS:	3-123 HZ. NOTCH: OUT
SAMPLE RATE:	2 MS.

PROCESSING PARAMETERS

GEOX SYSTEMS LTD

PROCESSED BY: GEO-X DATE: MAY 1997	FK
DIGITAL CONVERSION	2 MS. SAMPLE RATE
AMPLITUDE RECOVERY	:TIEW:BT: B-10.0R10
DECONVOLUTION	TYPE: ADAPTIVE 5 COMPONENT SURFACE CONSISTENT SIGNATURE DOMAIN: TIME/FREQUENCY DOMAIN OFFSET COMPONENT DOMAIN: FREQUENCY GATE: 230-2500 MS. AT 0 OFFSET 1800-2500 MS. AT 2730 M. OFFSET NOTE: SYSTEM CONVERTED TO MINIMUM PHASE
STRUCTURAL CORRECTIONS	DATUM ELEVATION: 500 M. DATUM VELOCITY: 3600 M./SEC. PROCESSING DATUM: 0 MS. ELEVATION, WEATHERING, AND DRIFT
NOTE: ALL FOLLOWING TIMES REFERENCED FROM PROCESSING DATUM	
ANALYSIS	PRELIMINARY VELOCITIES AND STATICS
STATICS TRACE KILLS	SURFACE STACK RESIDUAL
VELOCITY ANALYSIS FINAL MUTEOUT	INTERVAL: 60 CDP'S
MEAN SCALING	WINDOW: 300-2500 MS.
TIME VARIANT SCALING	WINDOW: 0-300,2500-6000 MS.
MUTE DISTANCE(M.): TIME(MS.):	230 305 1350 2730 150 200 700 1250
STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 100-3000 MS.
TRACE LATHER	MAXIMUM FOLD: 96
STATICS	LDF CROSS CORRELATION WINDOW: 100-3000 MS.
STACK	CROSS CORRELATION WEIGHTED
F-D MIGRATION	85 % THEORETICAL VELOCITIES
FILTER	8/12-50/60 HZ.
EQUALIZATION	MEAN WINDOW: 300-2500 MS.

9229-G005-001P

TRIATHLON 2806 Walkley Road Ottawa, ON (613)731-6071

PROJ. NO. 9229 G005 1 P

LINE NO. FL-97-02

PART NO. 1 OF 2

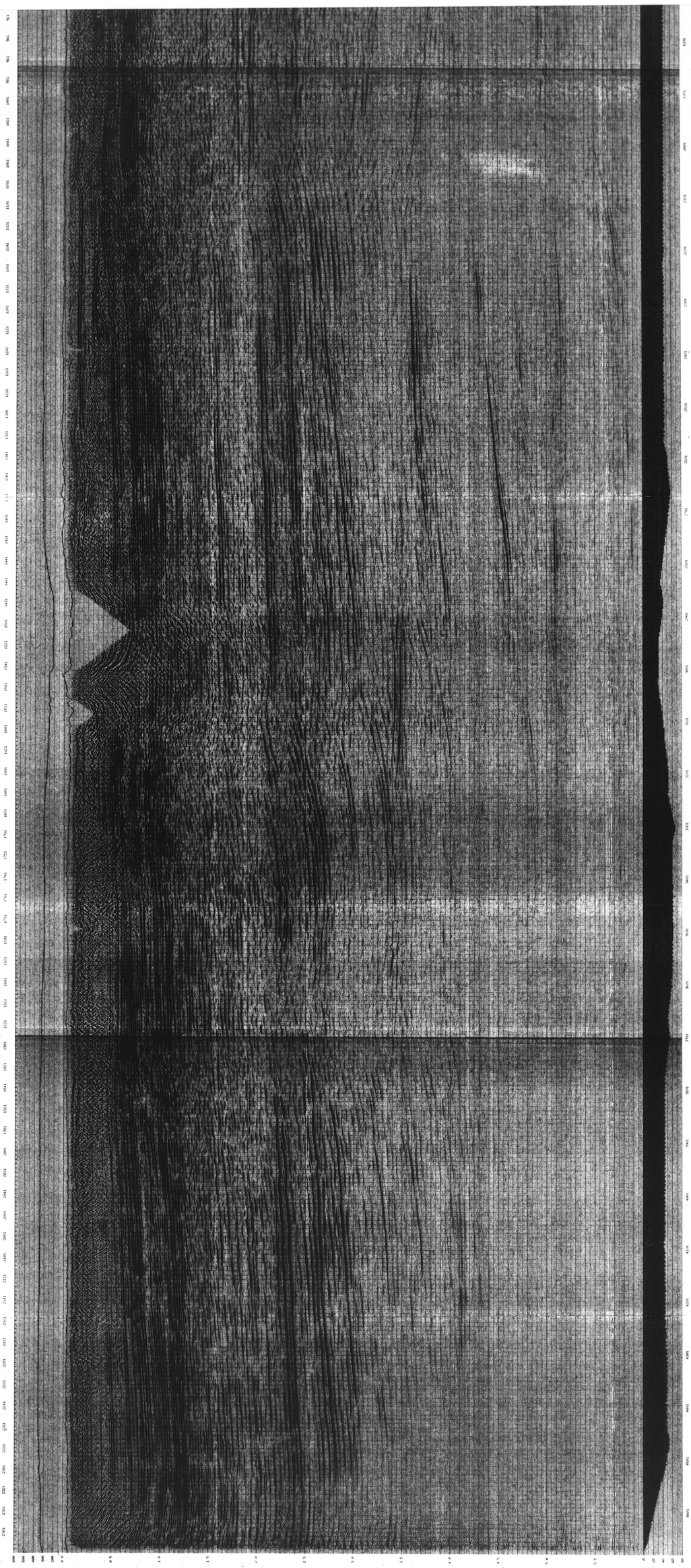
R.R. 5.5X

TRIATHLON 2000 Walkley Road Ottawa, ON K1B 3P6 (613) 731-8571

PROJ. NO. 9228 6005 IP

LINE NO. FL-97-02

PART NO. 2 OF 2

R.R. 5.5X

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