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GEOPHYSICAL SERVICE INCORPORATED

LINE: FL-97-03
PROJECT: FORT LIARD
LOCATION: NORTHWEST TERRITORIES

SP.1701 → E SP.103

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. LTD
DATE:	APR. 1997
SPREAD:	2730:- 45 NP 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, 18.0 %., 8-96 HZ
RECEIVERS:	NAMA UNI-4, 10 HZ., 6 OVER 15 M.
INSTRUMENTS:	ARAM 24 360 TRACE
SAMPLE FORMAT:	IEEE
TAPE FORMAT:	SEG X
FIELD FILTERS:	3-123 HZ. NOTCH: OUT
SAMPLE RATE:	2 MS.

PROCESSING PARAMETERS

GEO-X SYSTEMS LTD. FK

PROCESSED BY: GEO-X	
DATE: MAY 1997	
DIGITAL CONVERSION	2 MS. SAMPLE RATE
AMPLITUDE RECOVERY	(TIME)**1.0T: B=0.0010
DECONVOLUTION	TYPE: ADAPTIVE 1 COMPONENT SURFACE CONSISTENT SIGNATURE WITH ZERO PHASE FREQUENCY DOMAIN OFFSET COMPONENT DOMAIN: TIME/FREQ. DATE: 2730-2500 MS. AT 0 OFFSET 1800-2700 MS. AT 2730 M. OFFSET NOTE: SYSTEM CONVERTED TO MINIMUM PHASE
STRUCTURAL CORRECTIONS	DATUM ELEVATION: 500 M. DATUM VELOCITY: 3000 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 ANALYSES FINAL MOVEOUT	INTERVAL: 60 CDPS
MEAN SCALING	WINDOW: 300-2500 MS.
TIME-VARIANT SCALING	WINDOW: 0-300,2500-6000 MS.
MUTE DISTANCE(M.) TIME(MS.)	230 305 1750 2730 750 250 700 1250
STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 100-3500 MS.
TRACE GATHER	MAXIMUM FOLD: 51
STATICS	CDP CROSS CORRELATION WINDOW: 100-3500 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 3000 Wolfer Road Victoria, BC V8X 3P6 (250) 721-8021

PROJ. NO. 9229 G005 1 P

LINE NO. FL-97-03

PART NO. 1 OF 2

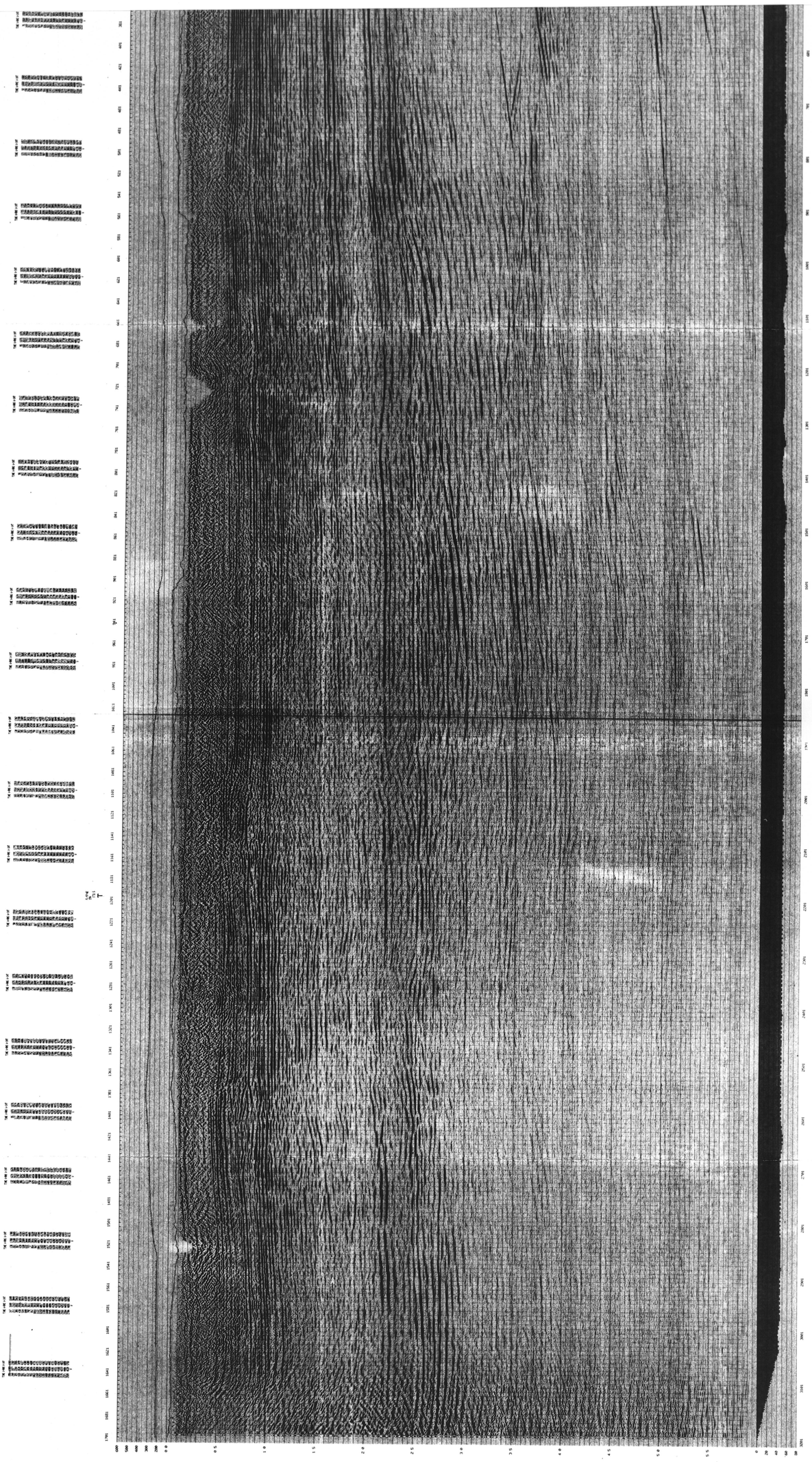
R.R. 5.5X

TRIATHLON 2000 Walkley Road Ottawa, ON K1B 3P6 (613) 731-0571

PROJ. NO. 9228 6005 IP

LINE NO. FL-97-03

PART NO. 2 OF 2

R.R. 5.5X

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