9229-N10-2E

Terra Surveys Ltd.
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P1
Tel: (613) 731-3571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229 N10 2E

LINE NO. OSL-6

PART NO. 1 OF 4 R.R. 10

TIME| VRMS
0 1500
300 1600
400 2100
500 2300
600 2450
700 2750
800 3100
1000 3250
1200 3450
1300 3600
2000 4600

TIES LINE
SP 357

TIME| VRMS
0 1500
300 1700
400 1900
500 2100
600 2400
700 2750
800 2950
1000 3200
1300 3600
2000 4600

TIES LINE
SP 357

ELEVATION

TOTAL CORR. (MSEC)

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS (CALGARY)

CLIENT NORTHGOR ENERGY LTD

PROSPECT TRAINOR LAKE

WAVE EQUATION MIGRATION

LINE OSL-6 DIRECTION S.E.

FIELD PARAMETERS

SHOT BY	SEFEL GEOPHYSICAL
	PARTY 506
DATE SHOT	MARCH 1983
SOURCE	DYNAMITE
SOURCE PATTERN	SINGLE HOLE
CHARGE SIZE	2 KG AT 12 M
GEOPHONE TYPE	GEOSPACE
GEOPHONE FREQ	10 HZ
GEOPHONE PATTERN	9 AT 3 M INTERVALS
INSTRUMENTS	MDS-10 96 TRACES
FORMAT	SEG B
RECORDING FILTER	9-18 - 125-72 HZ
RECORD LENGTH	3 SEC
SAMPLE INTERVAL	2 MS
SPREAD GEOMETRY	1200-25-X-25-1200
GROUP INTERVAL	25 M
SHOT POINT INTERVAL	100 M

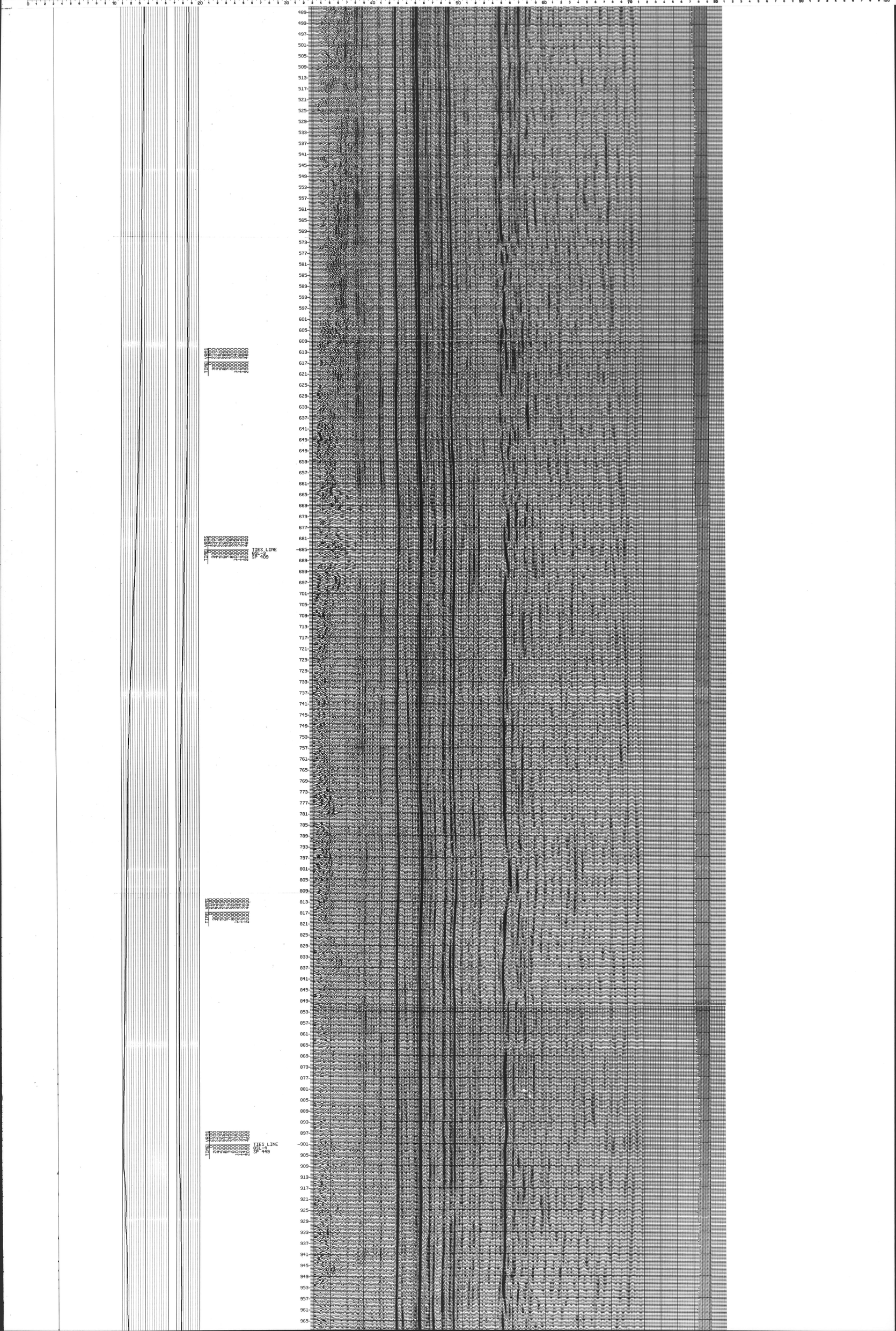
PROCESSING SEQUENCE

1 DEMULTIPLEX WITH GAIN REMOVAL	
PROCESSING SAMPLE RATE	2 MS
2 CDP TRACE GATHERS	1200 PERCENT
3 AUTOMATIC GAIN CURVE APPLICATION	
4 INSTRUMENT PHASE COMPENSATION	
5 GEOPHONE PHASE COMPENSATION	
6 SPIKING DECONVOLUTION	
WINDOW (MINIMUM OFFSET) (TAPERING WITH OFFSET)	300-1300 MS
OPERATOR LENGTH	60 MS
PREWHITENING	1 PERCENT
7 WEATHERING STATICS	
DATUM ELEVATION	700 M ASL
DATUM VELOCITY	2750 M/SEC
WEATHERING VELOCITY	610 M/SEC
8 VELOCITY ANALYSIS	
9 NMO AND EDITS	
10 AUTOMATIC RESIDUAL STATICS	
MAX CORRELATION LAG	+-30 MS
WINDOW	350-1300 MS
11 COMMON OFFSET STACK	
12 RESIDUAL NMO	
13 AUTOMATIC RESIDUAL STATICS	
MAX CORRELATION LAG	+-15 MS
WINDOW	350-950 MS
14 MUTE	
15 STACK	1200 PERCENT
16 WAVE EQUATION MIGRATION	
17 BANDPASS FILTER	
18 EQUALIZATION	
WINDOW	300-1700 MS
19 FILM DISPLAY	
POLARITY	REVERSE
	16 TRACE/IN.
	7.5 INCHES/SEC

QC GEOPHYSICIST TCS (INITIALS) DATE JUNE, 1983

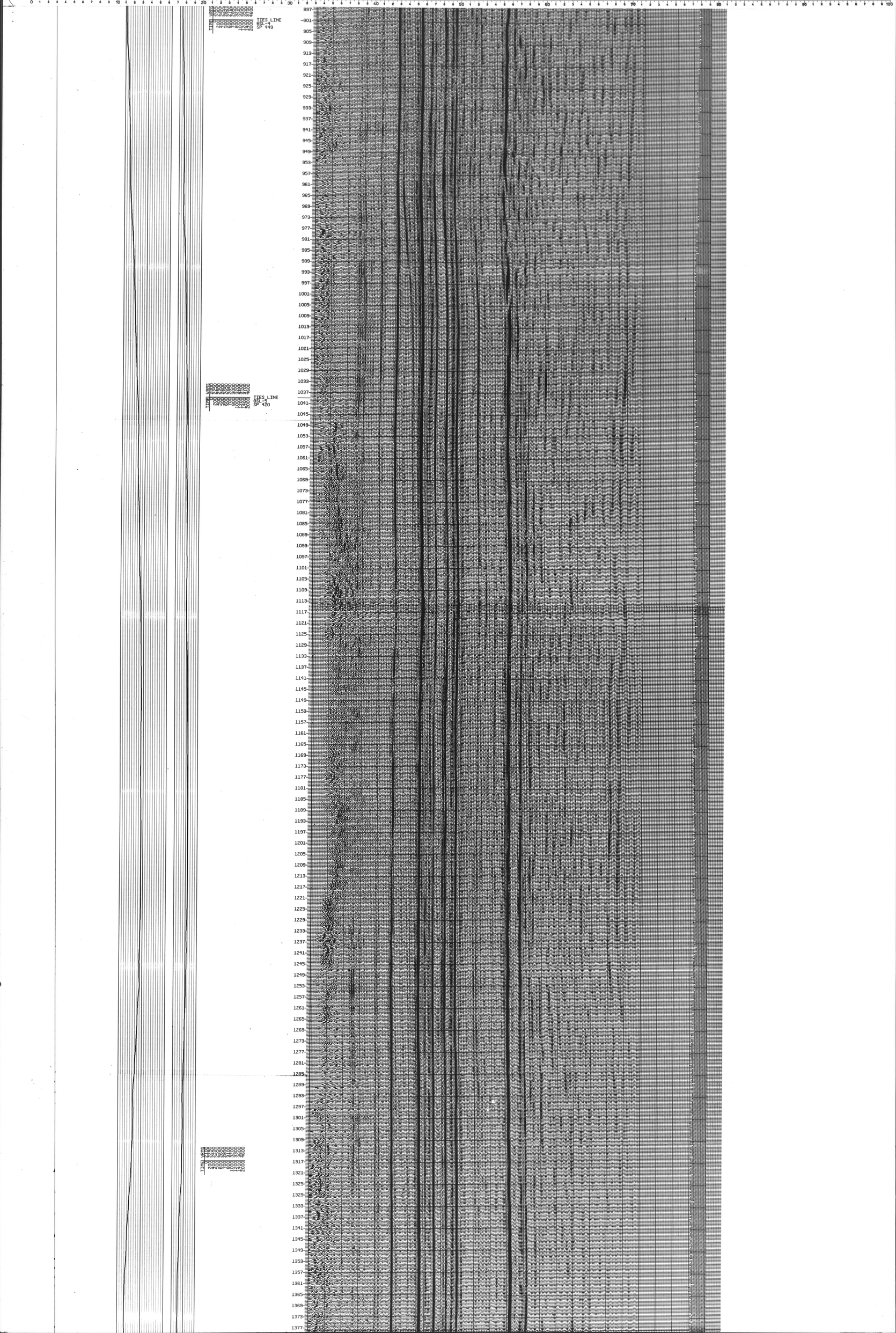
terra surveys inc
2060 Walkley Rd. Ottawa, Ont.
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PROJ. NO. 9229 N10 2E | LINE NO. OSL-6 | PART NO. 2 OF 4 | R.R. 10X



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PROJ. NO. 9229 N10 2E | LINE NO. OSL-6 | PART NO. 3 OF 4 | R.R. 10X



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PROJ. NO. 9229N10 2E LINE NO. OSL-6 PART NO. 4 OF 4 R.R. 10X

