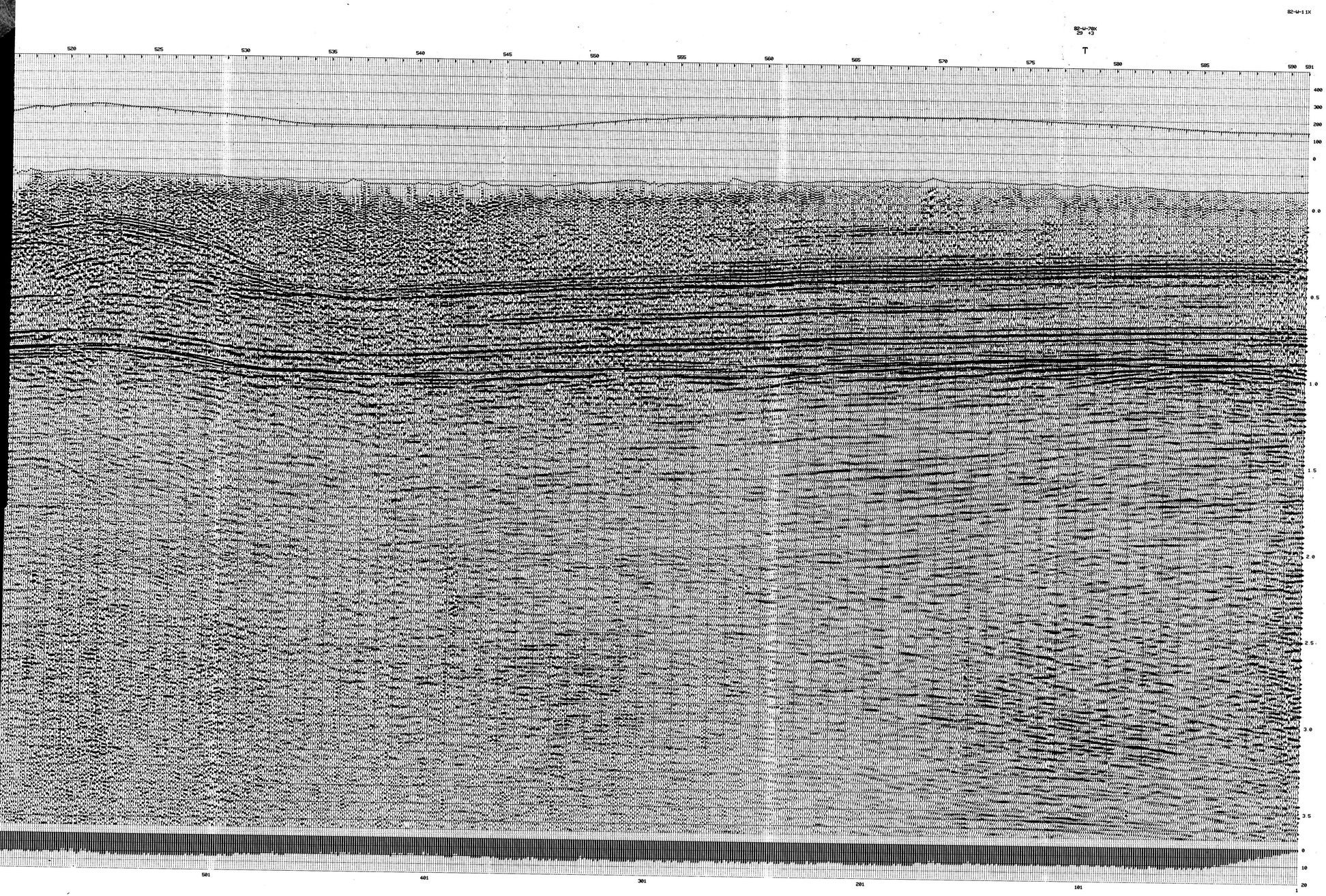
24C-06-03-115



GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 82-W-11X TYPE: S-RP
DIRECTION ⟶ N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 106 H
CLIENT: PETRO-CANADA EXPLORATION INC.

SHOT BY WESTERN GEOPHYSICAL, PTY. 362 DATE /82

SPREAD 1584 m - 33m, 33m - 1584 m
SOURCE 2 kg of 18m
RECEIVERS GEOSPACE 200, 10 Hz, 9 OVER 53 m
SOURCE INTERVAL 132 m GROUP INTERVAL 33m
AMPLIFIERS DFS V FIELD FILTER 8-128 Hz NOTCH OUT
GAIN MODE IFP - TAPE FORMAT SEG B

PROCESSED AT GEO-X DATE 6 /82

1 DIGITAL CONVERSION SAMPLE RATE
2 AMPLITUDE RECOVERY
PREFILTER
3 DECONVOLUTION TYPE SPIKING
OPERATOR LENGTH 60 ms PREWHITENING
DESIGN GATE 400-2400 ms SLOPING
4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL DATUM VELOCITY 3506 m/s
PROCESSING DATUM -250 ms.
[X] ELEVATIONS [X] WEATHERING [X] DRIFT
10 ANALYSIS STATISTICAL SURFACE CONSISTENT STATICS
5 11 MOVEOUT [S] PRELIMINARY [11] FINAL
6 SCALING
7 12 STATICS [7] SURFACE STACK RESIDUAL
[12] CROSS CORRELATION
8 WORK SECTION DISPLAY
9 TRACE KILLS
13 MUTE DISTANCE (m) 314 924 3168
TIME (ms.) 300 550-650 1700
14 GATHER FOLD 12
15 STACK STACK REEL
16 FILTER 16/12/16-80/90 Hz, 0-2500 ms
12/16-50/60 Hz, 2500-4000 ms
17 ADDITIONAL PROCESSING
17 LINEAR RAMP SCALING
TIME 0-130, 250-1600, 2300, 3000-4000
% SCALER 75, 100, 120, 150
18 EQUALIZATION 400-2400 ms

16485

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5
LINE NO. 8 2 - W - 1 1 X
PART NO. 1 OF 4
R.R. 8X

2060 Walkley Rd., Ottawa, Ont.
Canada K1G 3P4
Tel: (613) 731-9571
Telex: 053-3202

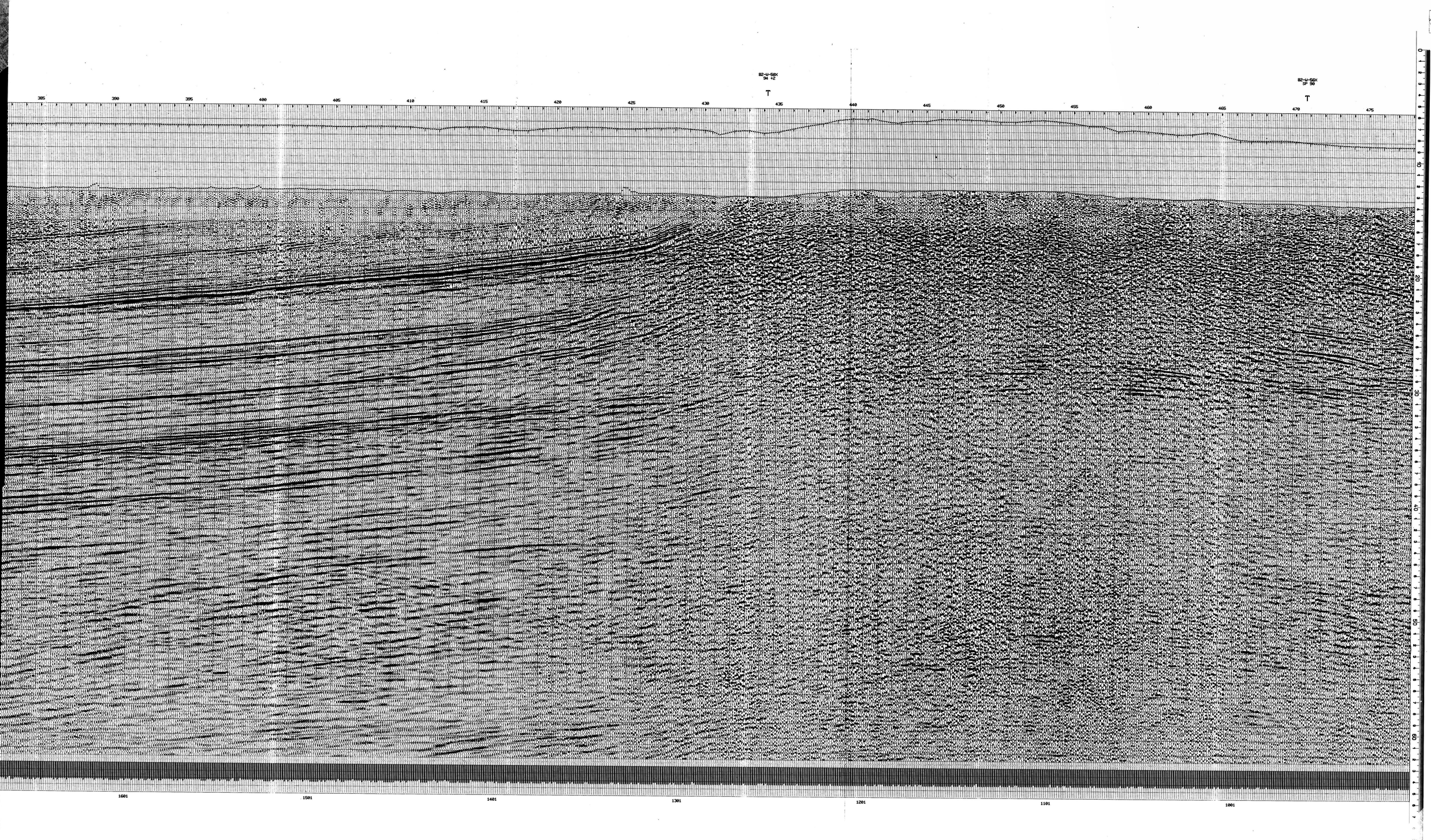
CADM: TERRA

PROJ. NO. 2 4 6 - 0 6 6 - 0 5 - 1 5

LINE NO. 8 2 - W - 1 1 X

PART NO. 2 OF 4

R.R.8X

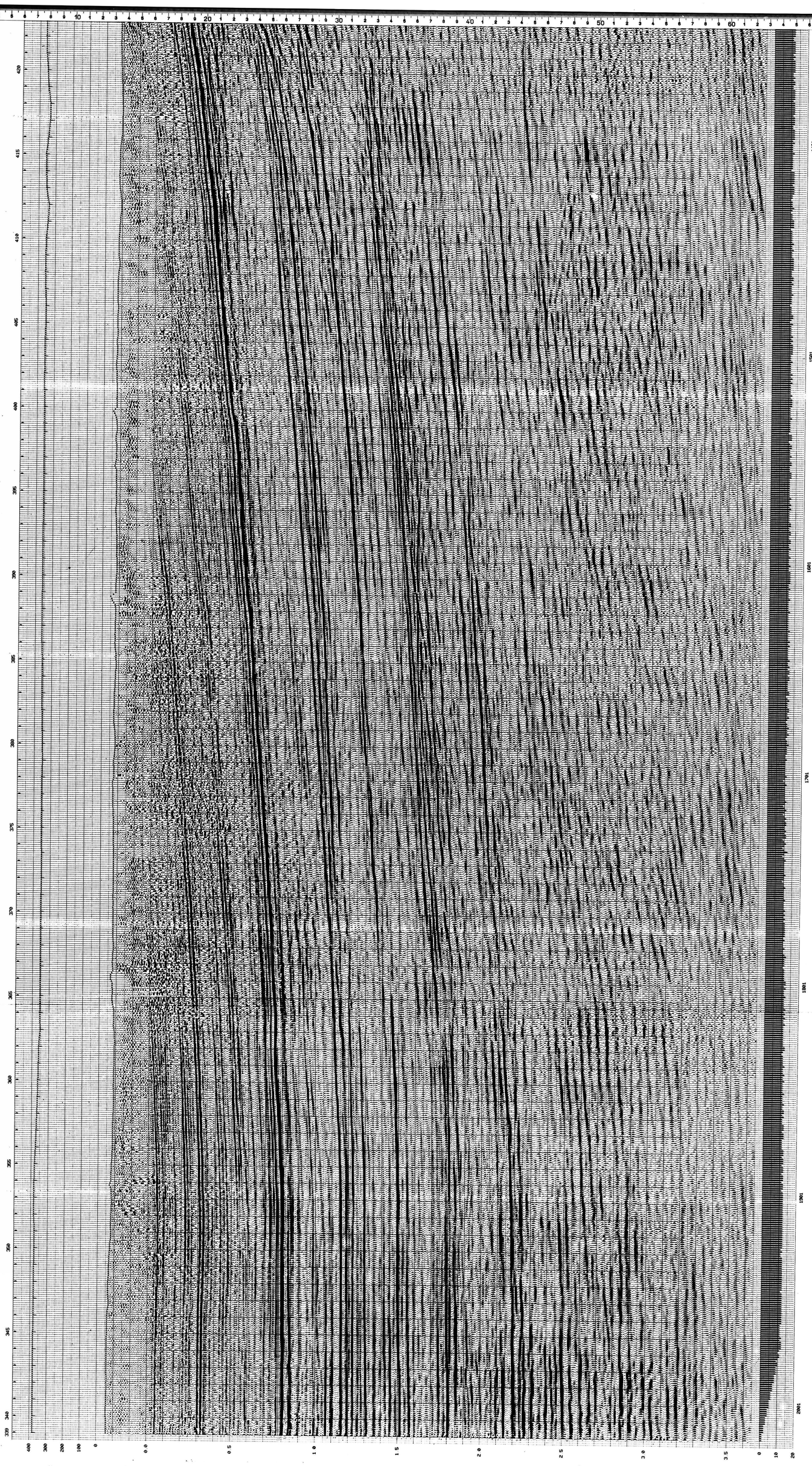


2000 Walker Rd.
Windsor, ON
Tel: (519) 971-9971
Toll Free: (877) 370-7227
Ottawa, Ont.
Cable: TERRA

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 5

LINE NO. 0 0 - W - 1 1 X

PART NO. 3 OF 4

terra surveys Inc
2060 Walkley Rd Ottawa, Ont.
Canada K1G 3P2
Tel: (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5 LINE NO. 8 2 - W - 1 1 X PART NO. 4 OF 4 R.R. 8X