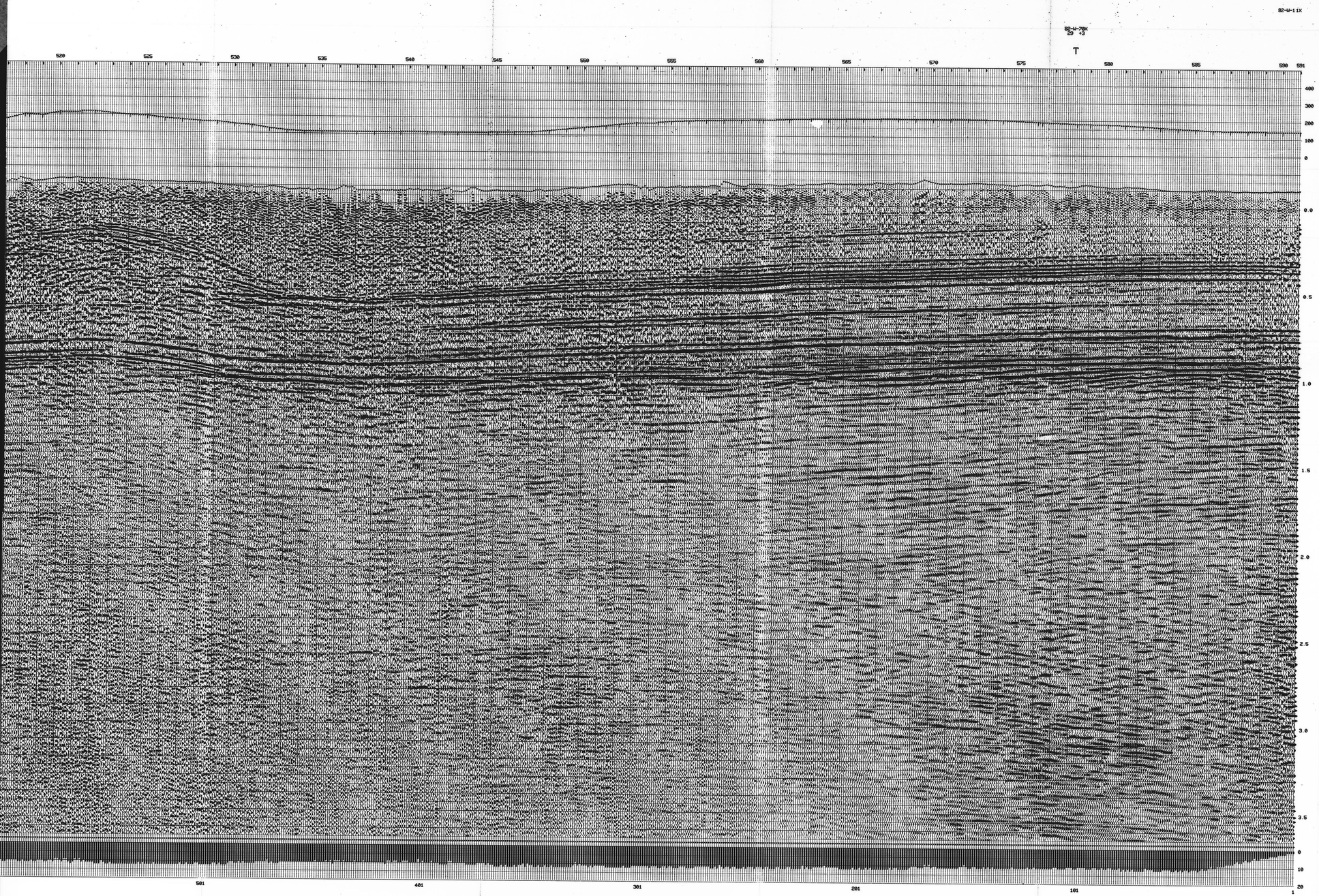



246-06-05-115

**GEO-X SYSTEMS LTD.**
CALGARY ALBERTA

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

FLAG

SURFACE ELEVATIONS

SHOT BY WESTERN GEOPHYSICAL, PTY 362 DATE /82

SPREAD: 1584 m - 33m. x 33m - 1584 m
SOURCE: 2 kg of IRm
RECEIVERS: GEOSPACE 200, 10 Hz, 9 OVER 53 m
SOURCE INTERVAL: 132 m GROUP INTERVAL: 33m

SURFACE IN TIME

AMPLIFIERS: DFS V FIELD FILTER: 8-128 Hz NOTCH-OUT
GAIN MODE: FP TAPE FORMAT: SEG B

PROCESSED AT GEO-X DATE 6/82

1 DIGITAL CONVERSION SAMPLE RATE 2 ms
2 AMPLITUDE RECOVERY Atn t

PREFILTER
3 DECONVOLUTION TYPE SPIKING
OPERATOR LENGTH 60 ms PREWHITENING 1%
DESIGN GATE 400-2400 ms SLOPING
4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL DATUM VELOCITY 3506 m/ms
PROCESSING DATUM +250 ms.
☒ ELEVATIONS ☒ WEATHERING ☒ DRIFT
10 ANALYSIS STATISTICAL SURFACE CONSISTENT STATICS
5 11 MOVEOUT 5 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 4500 ms
17 ADDITIONAL PROCESSING
NEAR RAMP SCALING
1 MS 2 130 250-1600, 2300, 3000 4000
100 120 250
18 EQUALIZATION 4[illegible]

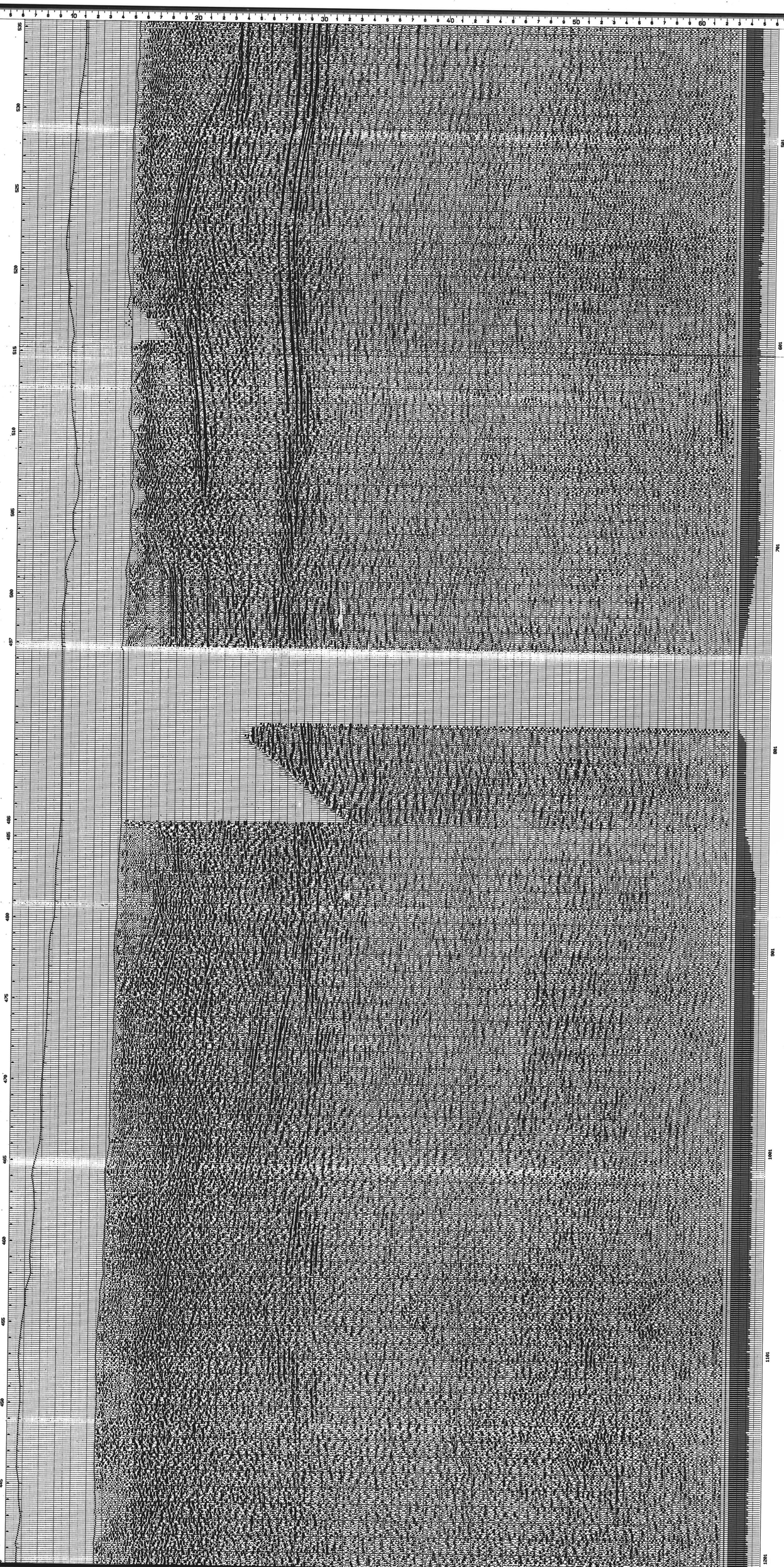
[illegible] TABULATION FROM PROCESSING DATUM

76423

tera
2000 Walker Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-8271
Telex: 053-3502 Cable: TERRA
PROJ. NO. 246-06-05-115
LINE NO. 82-W-11X
PART NO. 1 OF 4
R.R. 8X

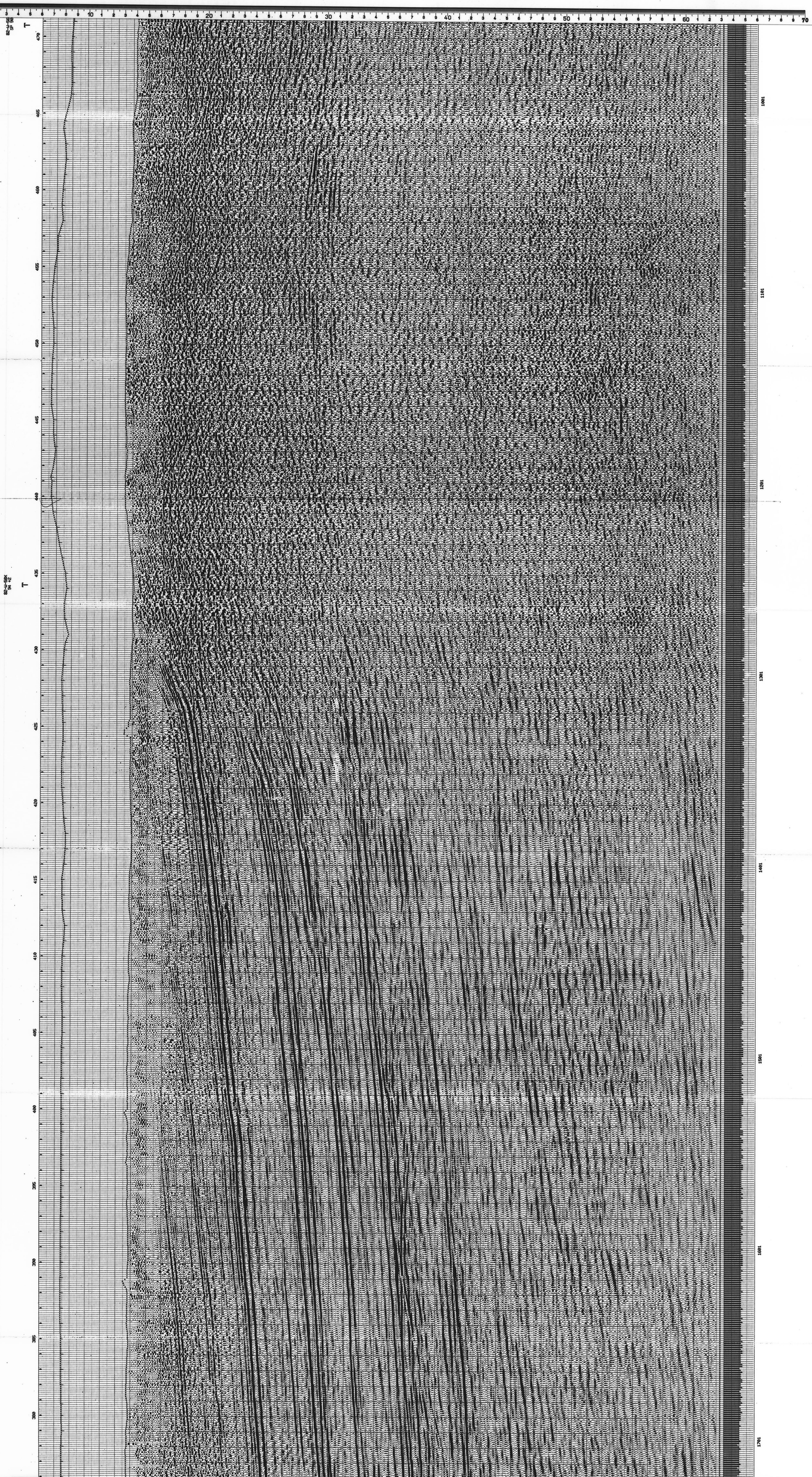
terra surveys inc
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3602 Cable: TERRA

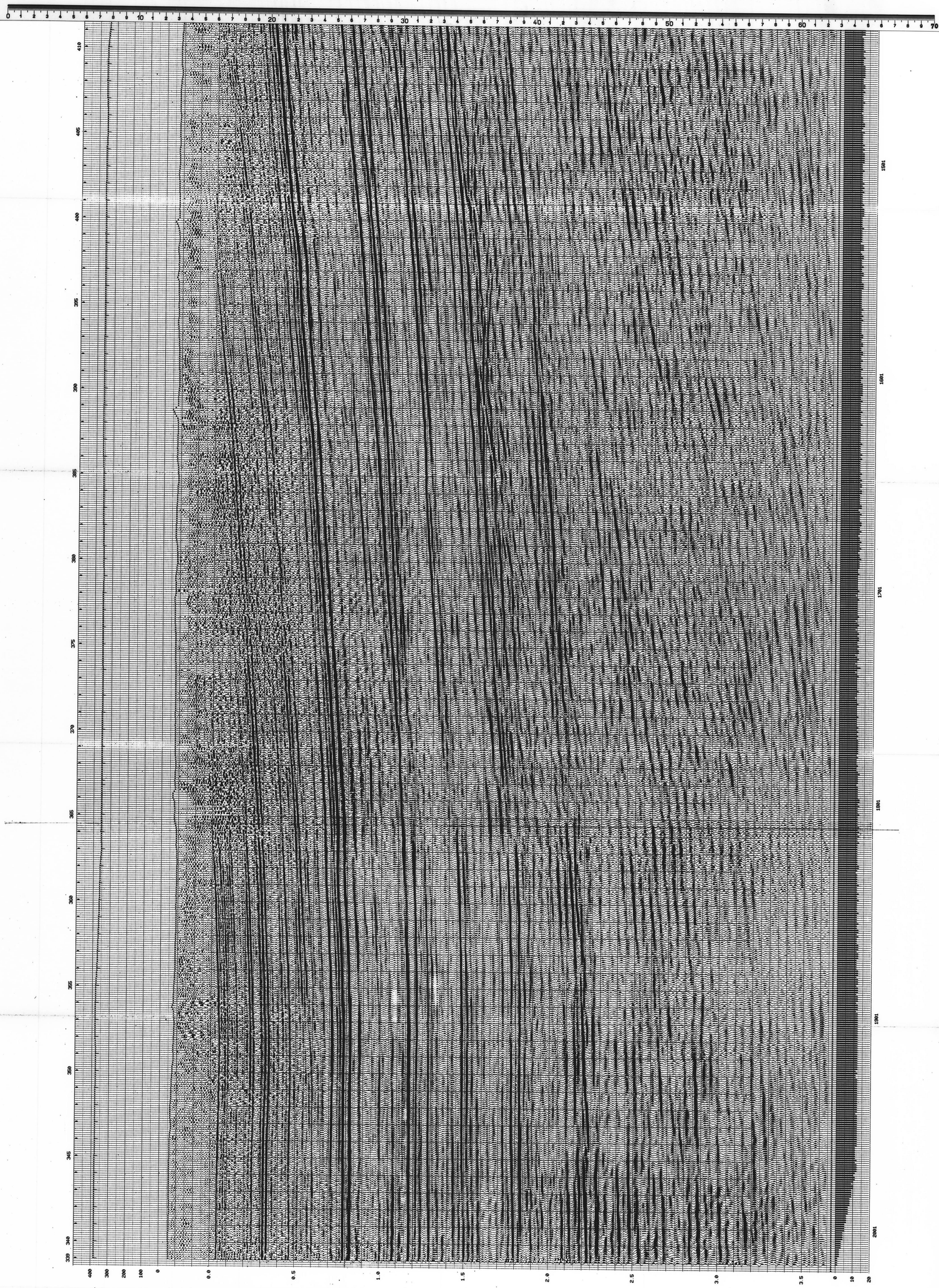
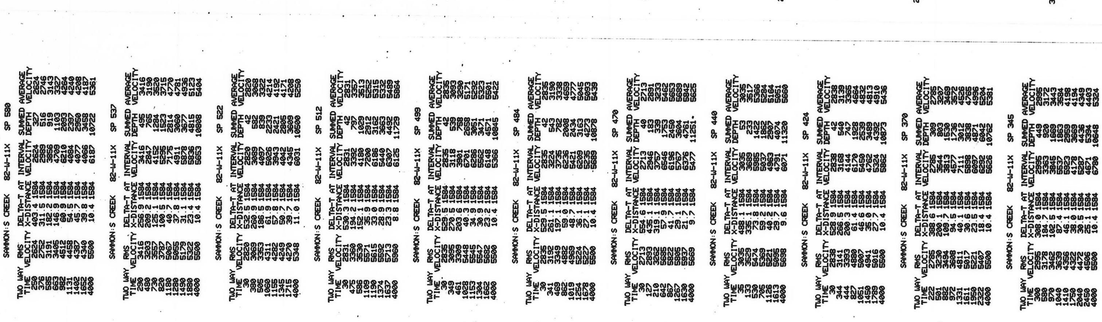
PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 5 LINE NO. 8 2 - W - 1 1 X PART NO. 2 OF 4 R.R. 8X



terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 246-06-05-115 LINE NO. 82-W-11X PART NO. 3 OF 4 R.R. 8X



terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
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