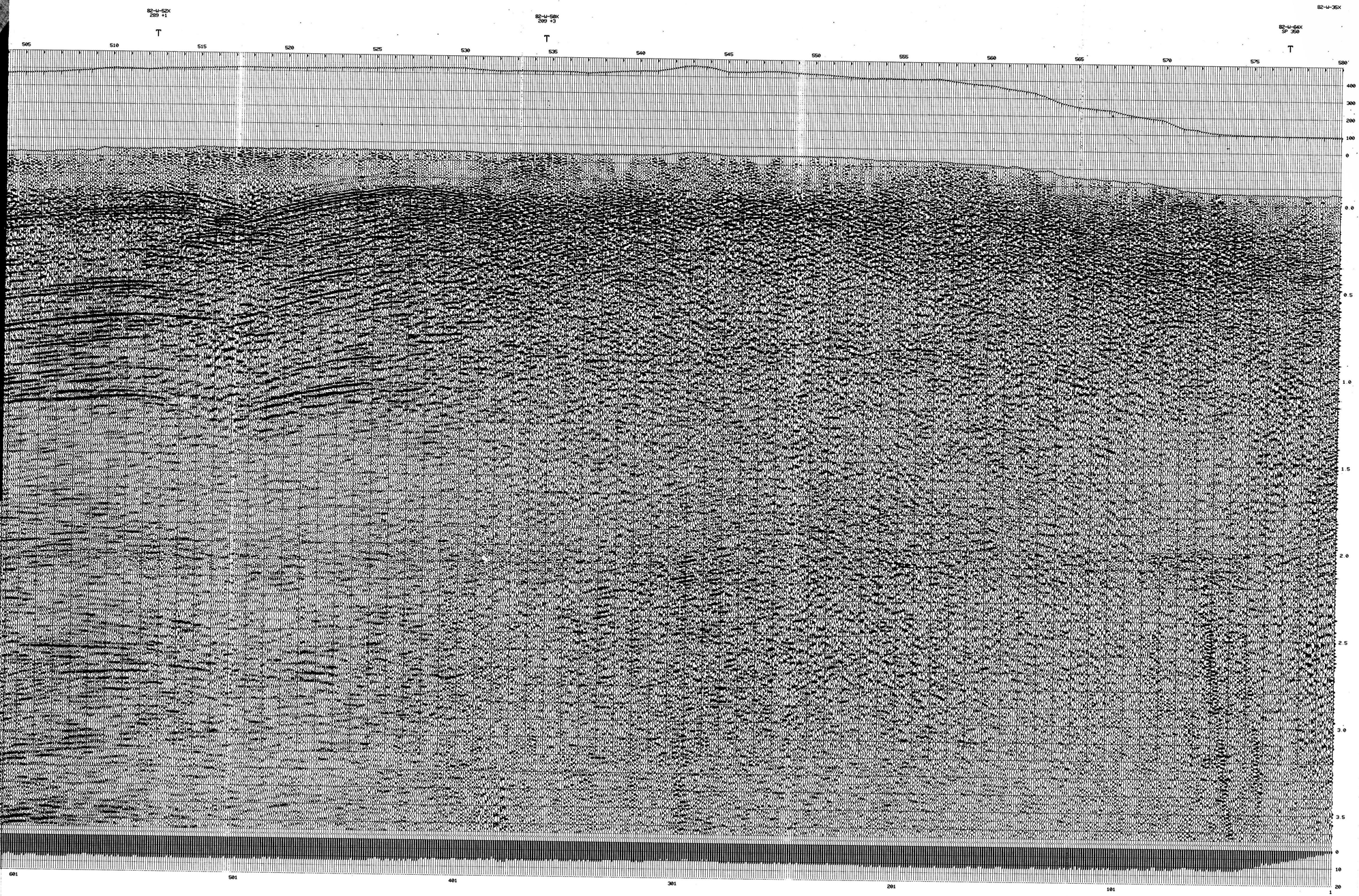


24 6-06-05-115

GEO-X SYSTEMS LTD.

CALGARY ALBERTA

LINE: 82-W-35X 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 3/82

SPREAD 1584 m - 33m. x 33m. - 1584 m
SOURCE 2 kg at 18 m
RECEIVERS GEOSPACE 20D, 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 ms
2 AMPLITUDE RECOVERY Atm
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/sec
PROCESSING DATUM ~250ms.
[X] ELEVATIONS [X] WEATHERING [X] 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, 2500-4000 ms
17 ADDITIONAL PROCESSING
(17) LINEAR RAMP SCALING
TIME 0-130, 250-1600, 2300, 3000 4000
% SCALER 70, 100, 120, 250
18 EQUALIZATION 400-2400ms

[redacted]

2060 Walkley Rd
Ottawa Ont
Canada K1G 3P5
Tel (613) 731-8571
Telex 053-3502
Cable: TERRA

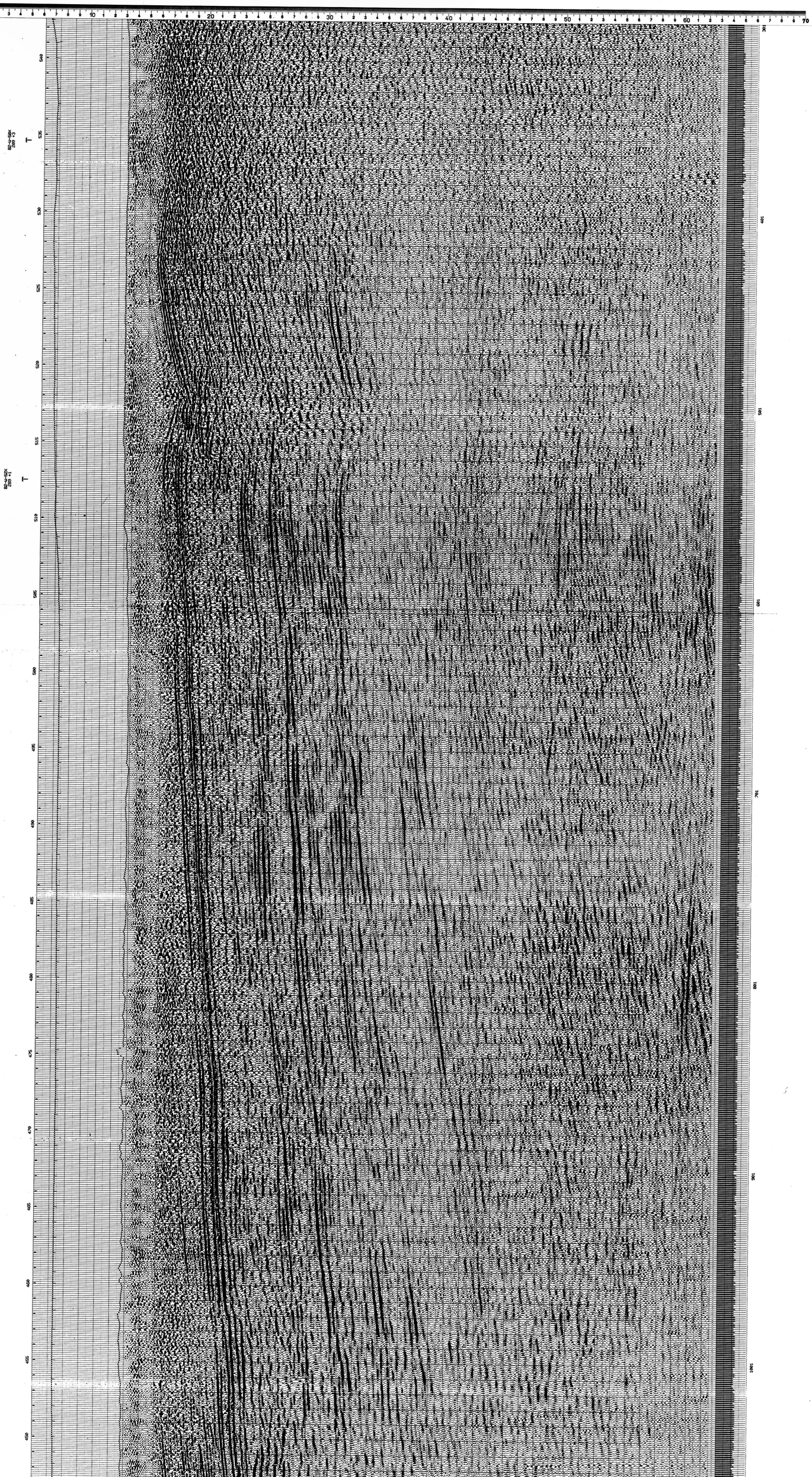
PROJ. NO. 246-06-05-115

LINE NO. 82-W-35X

PART NO. 1 OF 3 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-35X PART NO. 2 OF 3 R.R. 8X



Terra
2360 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 737-1355
Telex: 053-3502

CLIENT: TERRA

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

LINE NO. 8 2 - W - 0 5 X

PART NO. 3 OF 3 R.R. 8X