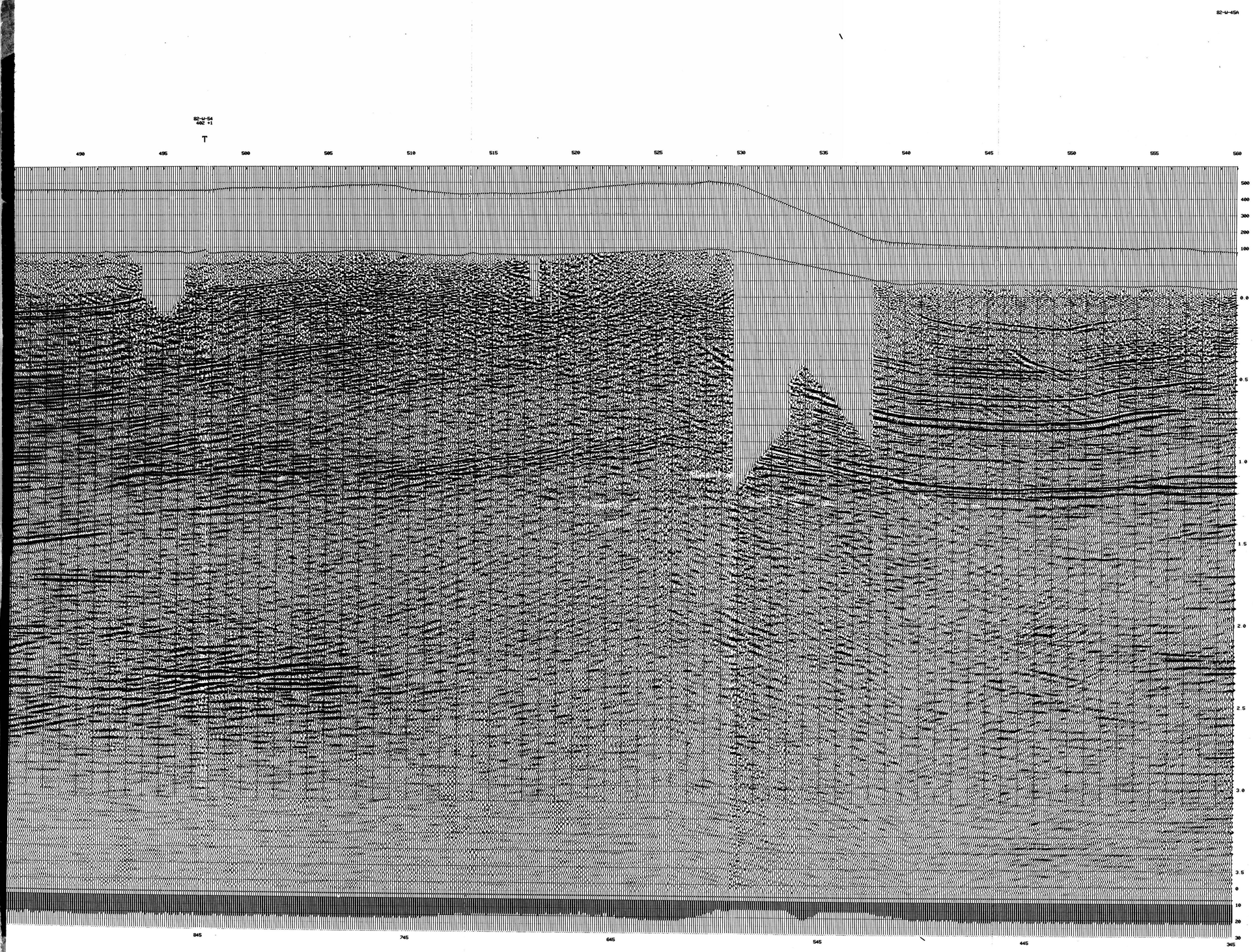


FLAG

SURFACE ELEVATIONS

SURFACE IN TIME

246-06-05-115

GEO-X SYSTEMS LTD.
CALGARY, ALBERTA

LINE: 82-W-45A TYPE: M-NP
DIRECTION → N. MIGRATED
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 - 33 m x 33 m - 1584 m.
SOURCE: 2 kg. at 18 m.
RECEIVERS: GEOSPACE 200, 10 Hz, 9 OVER 53 m.
SOURCE INTERVAL: 132 m. GROUP INTERVAL: 33 m

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 $A t^{1.0}$
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: -300 ms.
[1] ELEVATIONS [2] WEATHERING [3] 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
17 FILTER (17) 12/16-80/90, 0-2500 ms.
( ) 12/16-50/60, 2500-4000 ms.
( )
16 18 ADDITIONAL PROCESSING
(16) K-K MIGRATION
(18) TIME: 0-150, 250-1800, 2300, 3000-4000
% SCALER: 70, 100 , 120 , 250
19 EQUALIZATION 400-2400 ms

Geo-X Systems Ltd. 245 Queensway Rd. Ottawa, Ont. K1S 4P1 (613) 730-9671 Cable: TERRA

PROJ. NO. 246-06-05-115

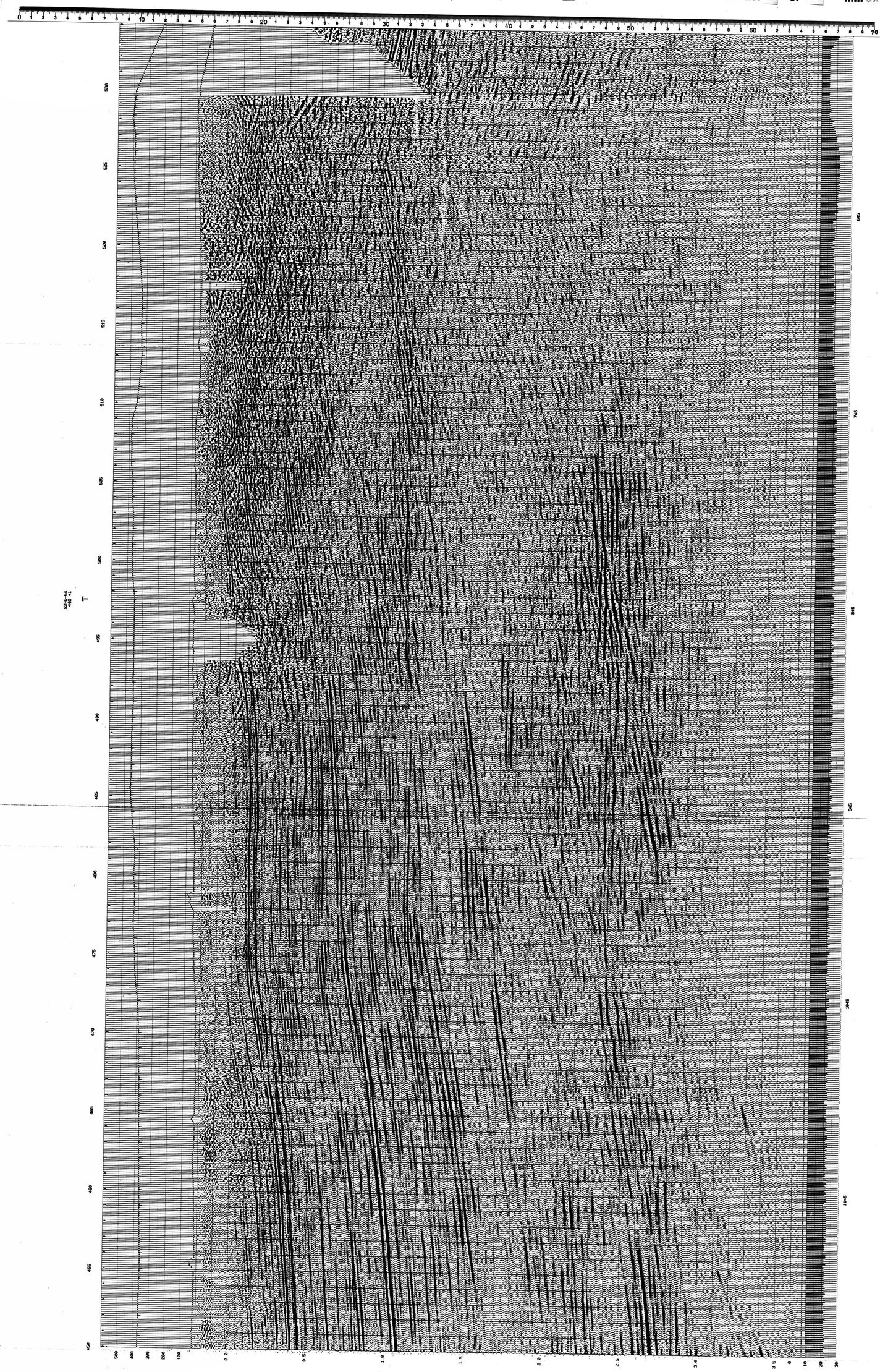
LINE NO. 82-W-45A

PART NO. 1 OF 2 R.R. 8X

2060 Walkley Rd Ottawa, Ont.
Canada K1G 3P5
Tel. No. (613) 731-9571
Telex: 053-3402 Cable: TERRA

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

LINE NO. 8 2 - W - 4 5 A

PART NO. 2 OF 2

R.R. 8X