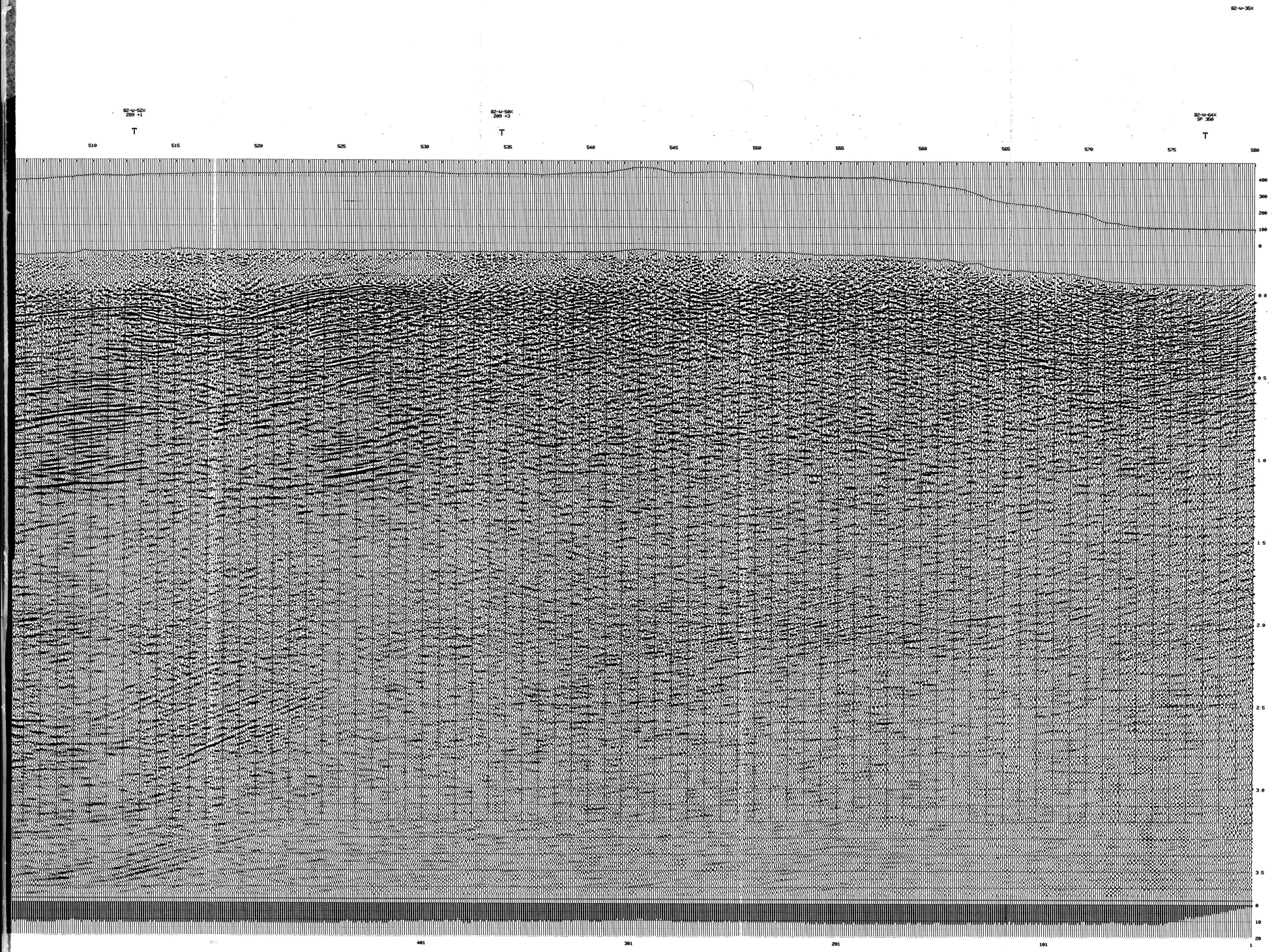


24 6-06-05-115

GEO-X SYSTEMS LTD.
CALGARY . ALBERTA

LINE: 82-W- 35X TYPE: M -NP
DIRECTION ⟶ N.E. MIGRATED
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 106H
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

FLAG

PROCESSED AT GEO-X DATE : 6 /82

1 DIGITAL CONVERSION . SAMPLE RATE : 2 ms
2 AMPLITUDE RECOVERY Ate^{-1}

SURFACE ELEVATIONS

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 -250 ms.
☒ ELEVATIONS ☒ WEATHERING ☒ DRIFT

SURFACE IN TIME

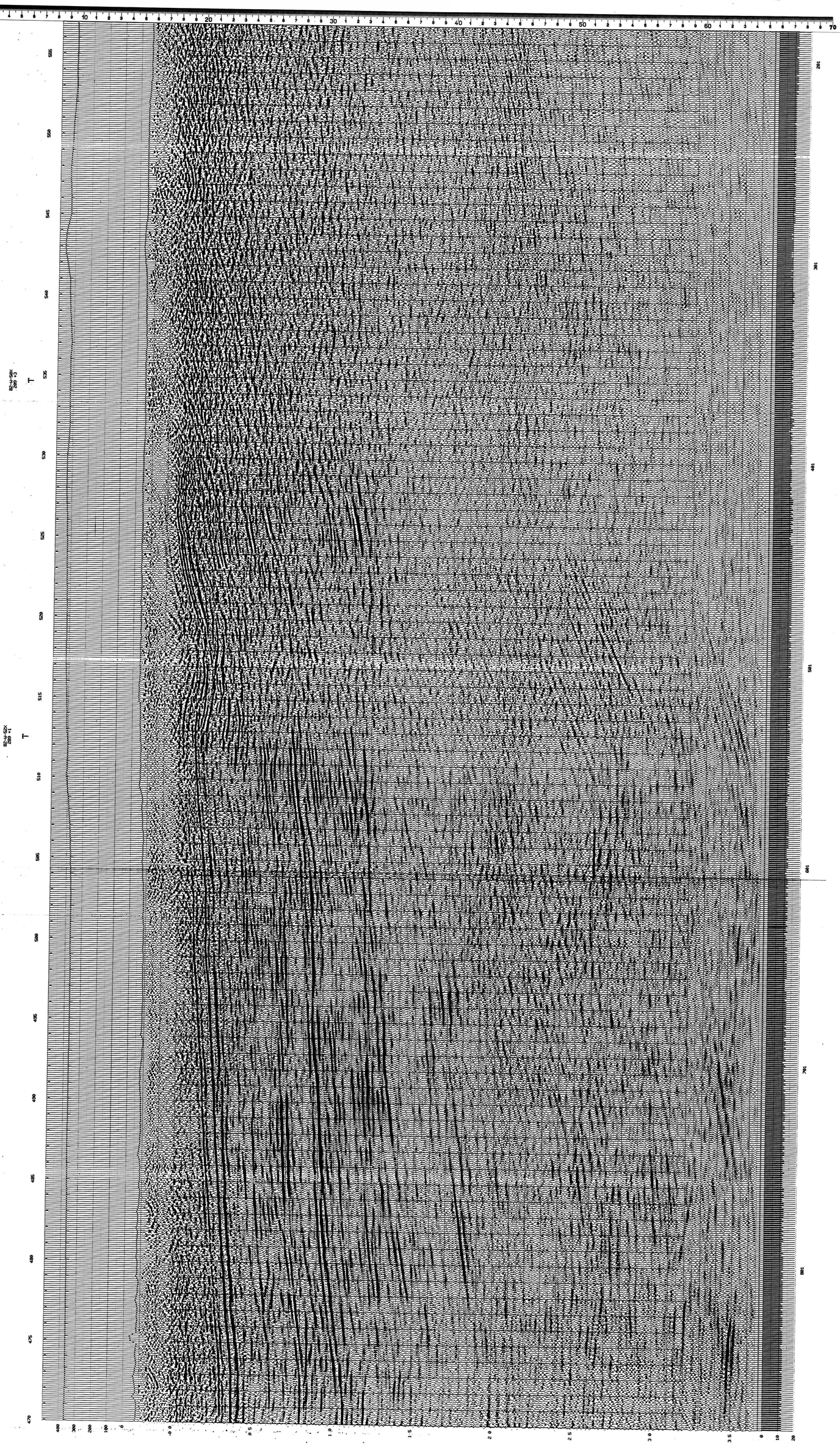
10 ANALYSIS STATISTICAL SURFACE CONSISTENT STATICS
5 11 MOVEOUT (5) PRELIMINARY (11) FINAL
6 SCALING
7 12 STATICS (7) SURFACE STACK RESIDUAL
(12) CROSS CORRELATION
( )
8 WORK SECTION DISPLAY
9 TRACE KILLS
13 MUTE DISTANCE (m.) 314 924 3168
TIME (ms.) 300 550-650 1700
14 GATHER FOLD 12
15 STACK STACK 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, 250-1600, 2300, 3000-4000
% SCALER 70, 100 , 120 , 250
19 EQUALIZATION 400-2400 ms

Ottawa, Ont.
Canada K1G 3P3
Tel. (613) 731-8571
Telex: 053-3502 Cable: TERRA

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

LINE NO. 8 2 - W - 3 5 X

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

2080 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 - 3 5 X PART NO. 2 OF 2 R.R. 8X