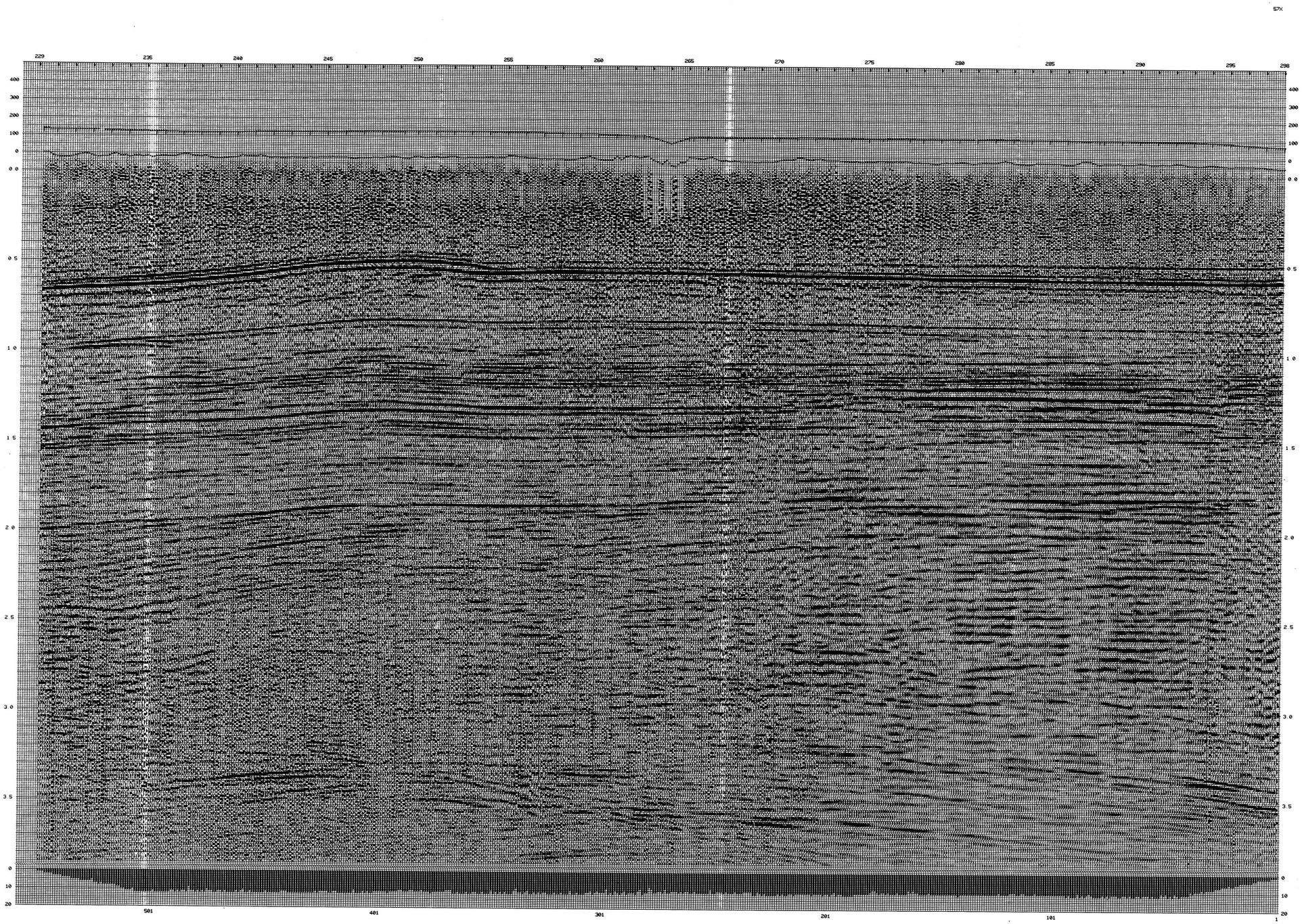

246-06-05-115

GEO-X SYSTEMS LTD.
CALGARY ALBERTA

FLAG

LINE: 82-W-57X TYPE: S-RP
DIRECTION ⟶ N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS
CLIENT: PETRO-CANADA EXPLORATION

SURFACE ELEVATIONS

SHOT BY WESTERN GEOPHYSICAL, PTY. 362 DATE: 2/82

SPREAD: 1584 m - 33 m. x 33 m. - 1584 m.
SOURCE: 2 kg. at 18 m.
RECEIVERS: GEOSPACE 20D, 10 Hz., 9 OVER 55 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

SURFACE IN TIME

PROCESSED AT GEO-X DATE: 3/82

1 DIGITAL CONVERSION: SAMPLE RATE: 2 ms.
2 AMPLITUDE RECOVERY $At^{1.0}$

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 = 100 ms.
[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: 400-2400 ms

2030 Walden 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-57X
PART NO. 1 OF 1
R.R. 8