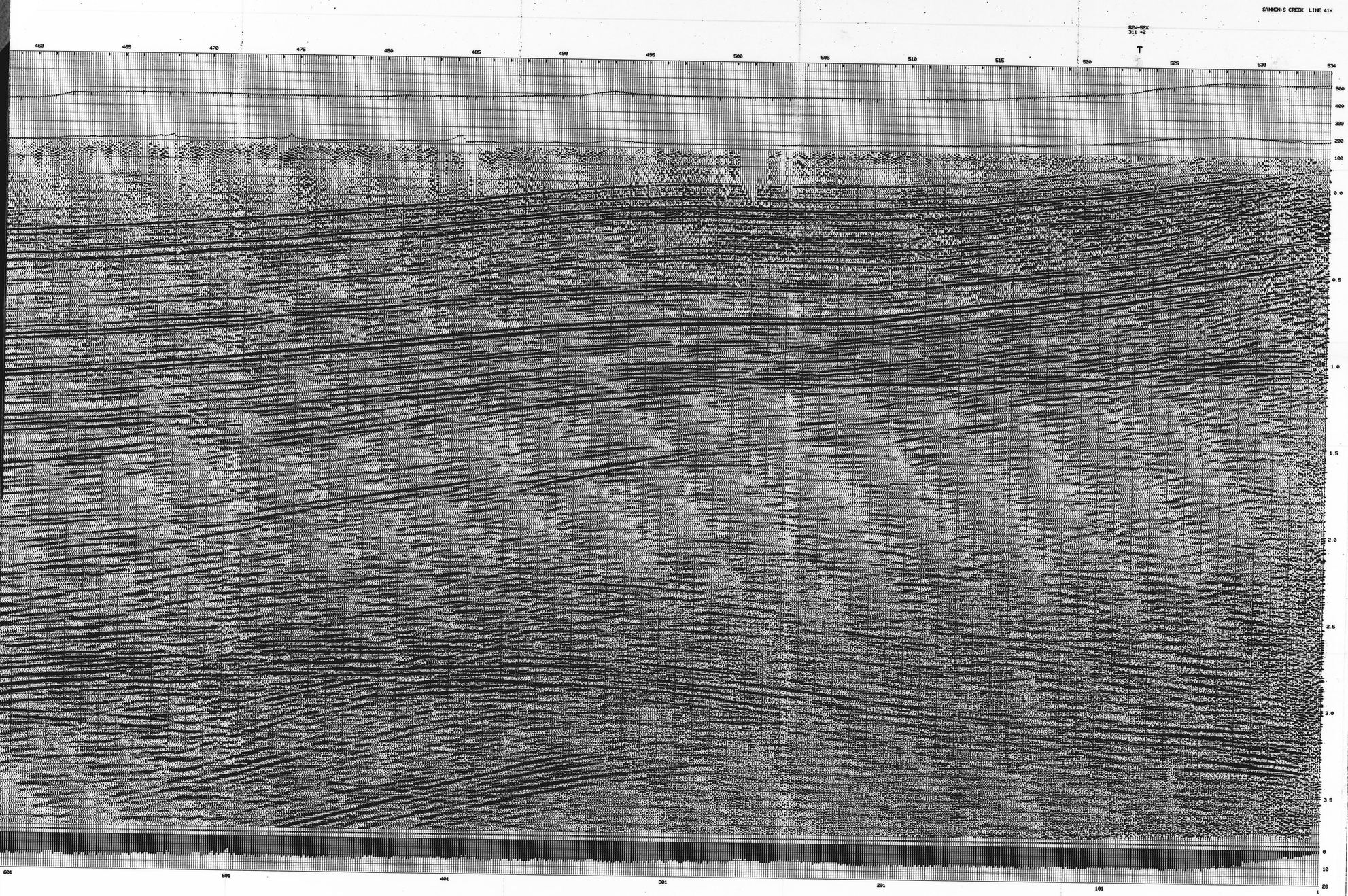

246-06-05-115

GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 82-W-41X TYPE: S-NP
DIRECTION > N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 106H
CLIENT: PETRO-CANADA EXPLORATION INC.

SURFACE ELEVATIONS

SHOT BY WESTERN GEOPHYSICAL, PTY 3G2 DATE 3/82

SPREAD: 1584 m - 33m x 33m - 1584 m
SOURCE: 2 kg of 18m
RECEIVERS: GEOSPACE 200, 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

SURFACE IN TIME

PROCESSED AT GEO-X DATE 6/82

1 DIGITAL CONVERSION SAMPLE RATE 2 ms
2 AMPLITUDE RECOVERY [illegible]

PREFILTER
3 DECONVOLUTION TYPE SPIKING
OPERATOR LENGTH 60 ms PREWHITENING 1%
DESIGN GATE 400-2400 ms SEPPING
4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL DATUM VELOCITY 3506 m/ms
PROCESSING DATUM +200 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 [illegible]
15 STACK [illegible]
16 FILTER 16 [illegible] 80-90 Hz 0-2500 ms
[illegible] 50/60 Hz 2500-4000 ms
17 ADDITIONAL PROCESSING
[illegible] RAMP SCALING
[illegible] 30 250-1600, 2300-3000-4000
[illegible] 90 120 250
18 EQUALIZATION [illegible]

[illegible] TABULATION FROM PROCESSING DATUM

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Cable: TERRA
PROJ. NO. 2
LINE NO. 82-W-41X
PART NO. 1 OF 2
R.R. 8X