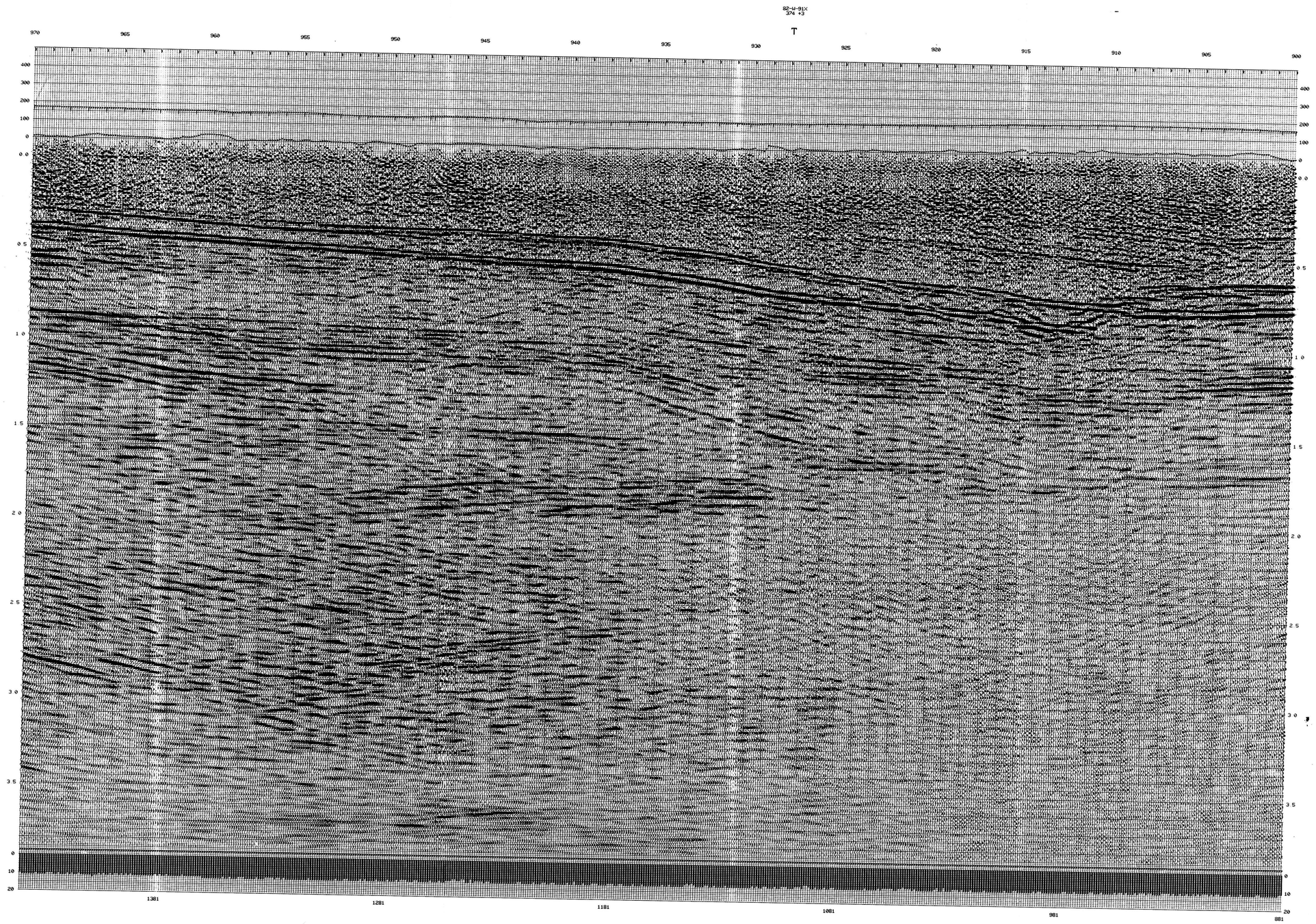

246-06-05-115

GEO-X SYSTEMS LTD.

CALGARY ALBERTA

LINE: 82-W-46X/70X TYPE: M-NP
DIRECTION ⟶ S.E. MIGRATED
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E
CLIENT: PETRO-CANADA EXPLORATION INC.

SHOT BY WESTERN GEOPHYSICAL, PTY 362 DATE 2/82

SPREAD: 1584 m - 33 m x 33 m - 1584 m
SOURCE: 2 kg of 18 m
RECEIVERS: GEOSPACE 200, 10 Hz, 9 OVER 53 m
SOURCE INTERVAL: 132 m. GROUP INTERVAL: 33 m

FLAG

AMPLIFIERS DFS V FIELD FILTER 8-128 Hz. NOTCH OUT
GAIN MODE IFP TAPE FORMAT SEG B

PROCESSED AT GEO-X DATE 3/82

1 DIGITAL CONVERSION SAMPLE RATE 2 ms

SURFACE ELEVATIONS

2 AMPLITUDE RECOVERY $At^{1.5}$

PREFILTER

3 DECONVOLUTION TYPE SPIKING
OPERATOR LENGTH 60 ms. PREWHITENING 1 %
DESIGN GATE 400-2400 ms. SLOPING

SURFACE IN TIME

4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL DATUM VELOCITY 3506 m./sec
PROCESSING DATUM +100 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 FOLD 12

15 STACK STACK REEL

17 FILTER (17) 12/15-80/90, 0-2500 ms.
( ) 12/16-50/60, 2500-4000 ms.
( )

16 18 ADDITIONAL PROCESSING
(16) K-K MIGRATION
(18) TIME: 0-130, 250-1600, 2300, 3000-4000
% SCALER: 70, 100 , 120 , 250

19 EQUALIZATION 400-2400 ms

PROJ. NO. 246-06-05-115

LINE NO. 82-W-46X

PART NO. 1 OF 1

R.G. 8X