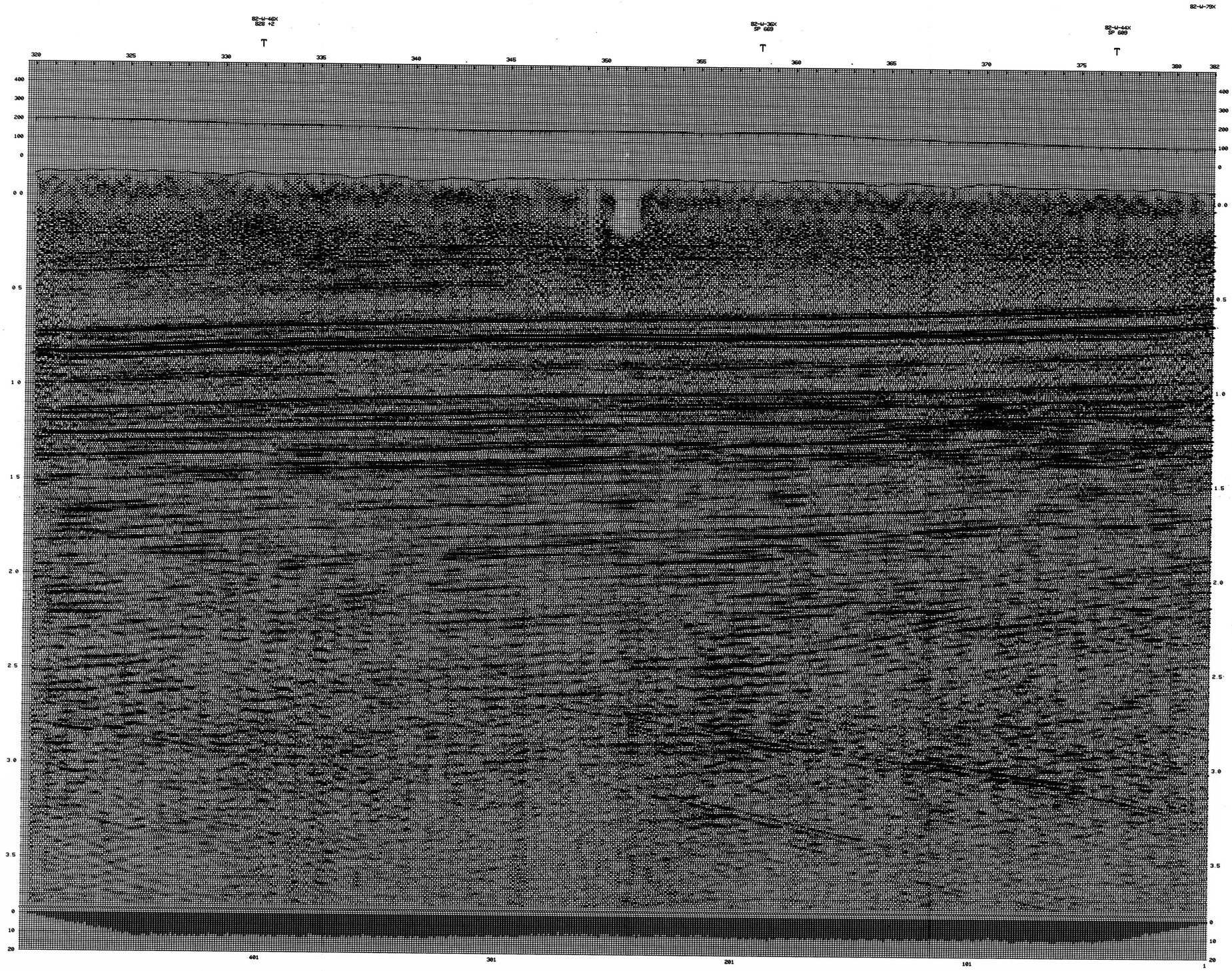

246-06-05-115

GEO-X SYSTEMS LTD.
CALGARY, ALBERTA

FLAG

LINE: 82-W-79X TYPE: S-RP
DIRECTION ⟶ N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E
CLIENT: PETRO-CANADA EXPLORATION INC.

SURFACE ELEVATIONS

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

SPREAD: 1584 m. - 33m. x 33m. - 1584 m.
SOURCE: 2 kg. at 18 m.
RECEIVERS: GEOSPACE 20D, 10 Hz., 9 OVER 53 m.
SOURCE INTERVAL: 132 m. GROUP INTERVAL: 33m.

SURFACE IN TIME

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.
2 AMPLITUDE RECOVERY $At e^{1.5}$

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: -200 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 400-2400ms.

Journal Ont.
Calgary, Alta. T2P 3G2
Tel (403) 731-8071
Cdn. TERRA
PROJ. NO. 246-06-05-115
LINE NO. 82-W-79X
PART NO. 1 OF