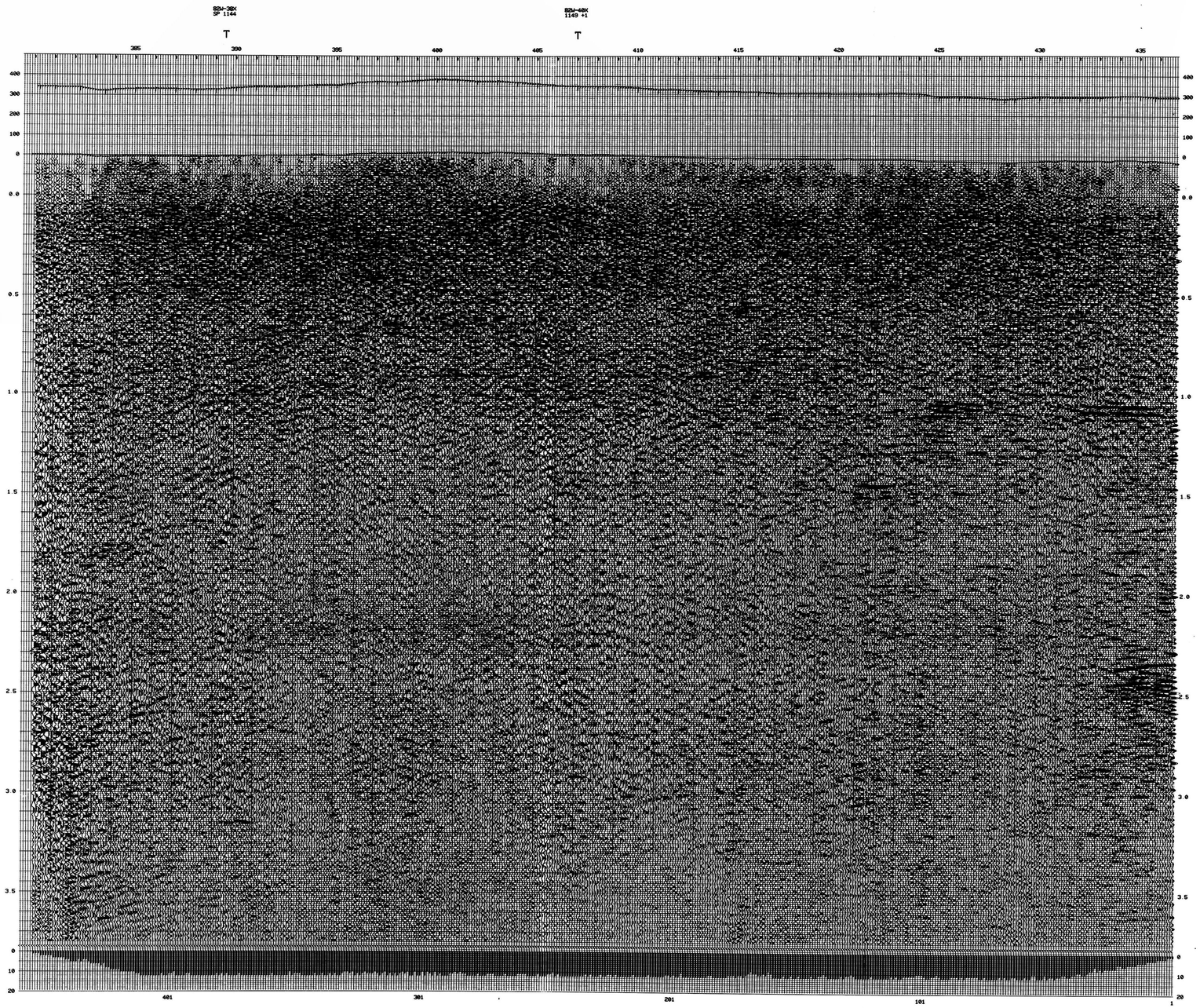
24C-06-05-115

SAMMON'S CREEK LINE 113X



GEO-X SYSTEMS LTD.
CALGARY ALBERTA

FLAG

LINE: 82-W-113X TYPE: S-RP
DIRECTION ⟶ N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E/106H
CLIENT: PETRO-CANADA EXPLORATION INC.

SURFACE ELEVATIONS

SHOT BY WESTERN GEOPHYSICAL, PTY. 362 DATE 3/82

SPREAD : 1584 m. - 33m. x 33m. - 1584 m.
SOURCE 2 kg. at 18m.
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 : 6/82

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

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 -200ms.
(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

[redacted]

2000 Walkley Rd. Ottawa, Ont.
Canada K1G 3P4
Tel (613) 731-9577
Telex 053-3502
LABORE TERRA
PROJ. NO. 24 0-06-05
LINE NO. 82-W-113X
PART NO. 1 OF 1