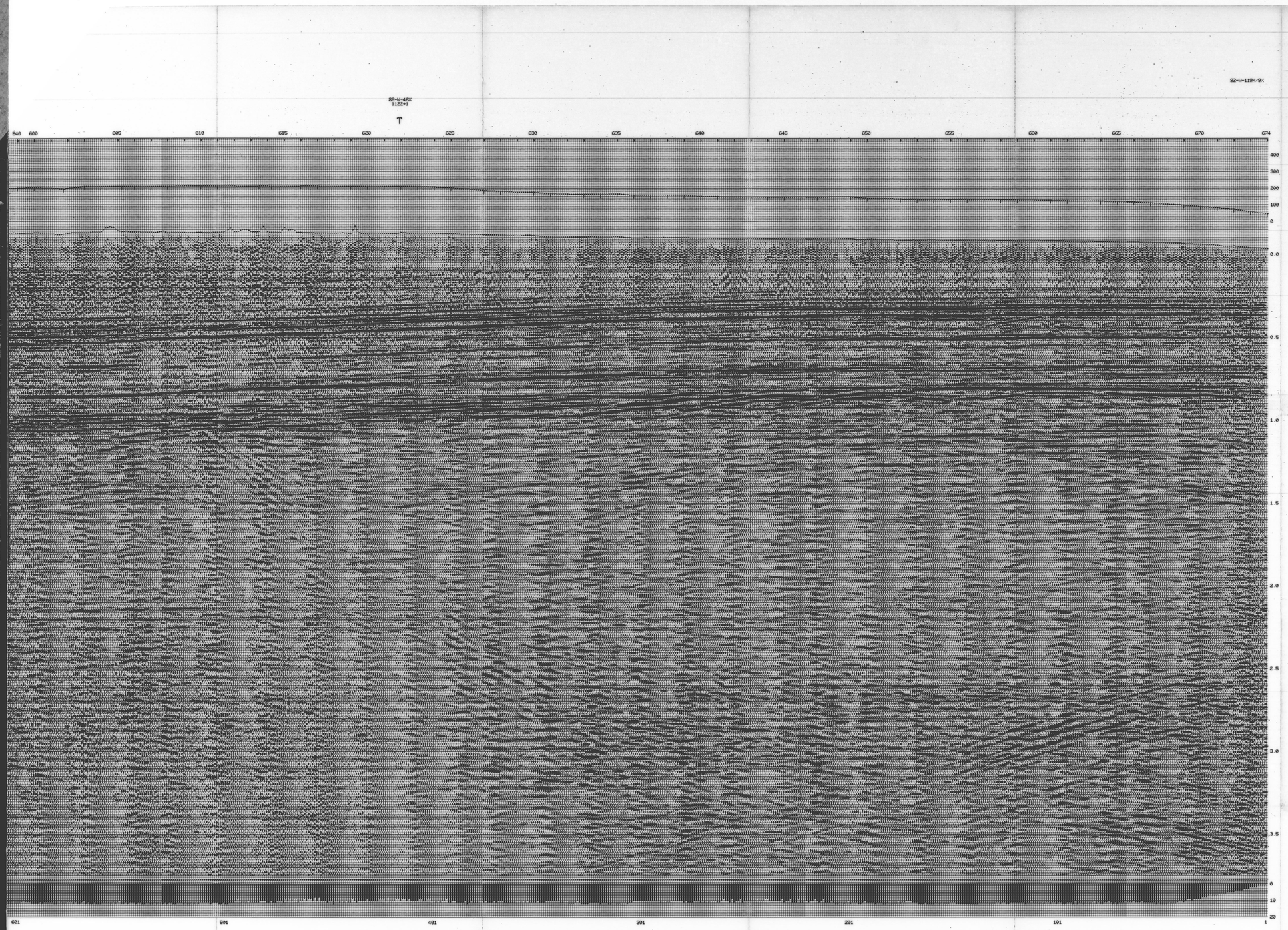

246-06-05-115

GEO-X SYSTEMS LTD.
CALGARY . ALBERTA

LINE: 82-W-119X/9X TYPE: S-NP
DIRECTION ——→ N.
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. - 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.

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 Ate^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
☒ 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
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 0-150 , 250-1600, 2300 , 3000-4000
% SCALE= 70 , 100 , 120 , 250
18 EQUALIZATION 400-2400 ms

VELOCITY TABULATION FROM PROCESSING DATUM

[redacted]

Geo-X Systems Ltd.
2050 Walkley 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-119X
PART NO. 1 OF 2 R.R. 8X

2060 Walkley Rd. Ottawa, Ont.
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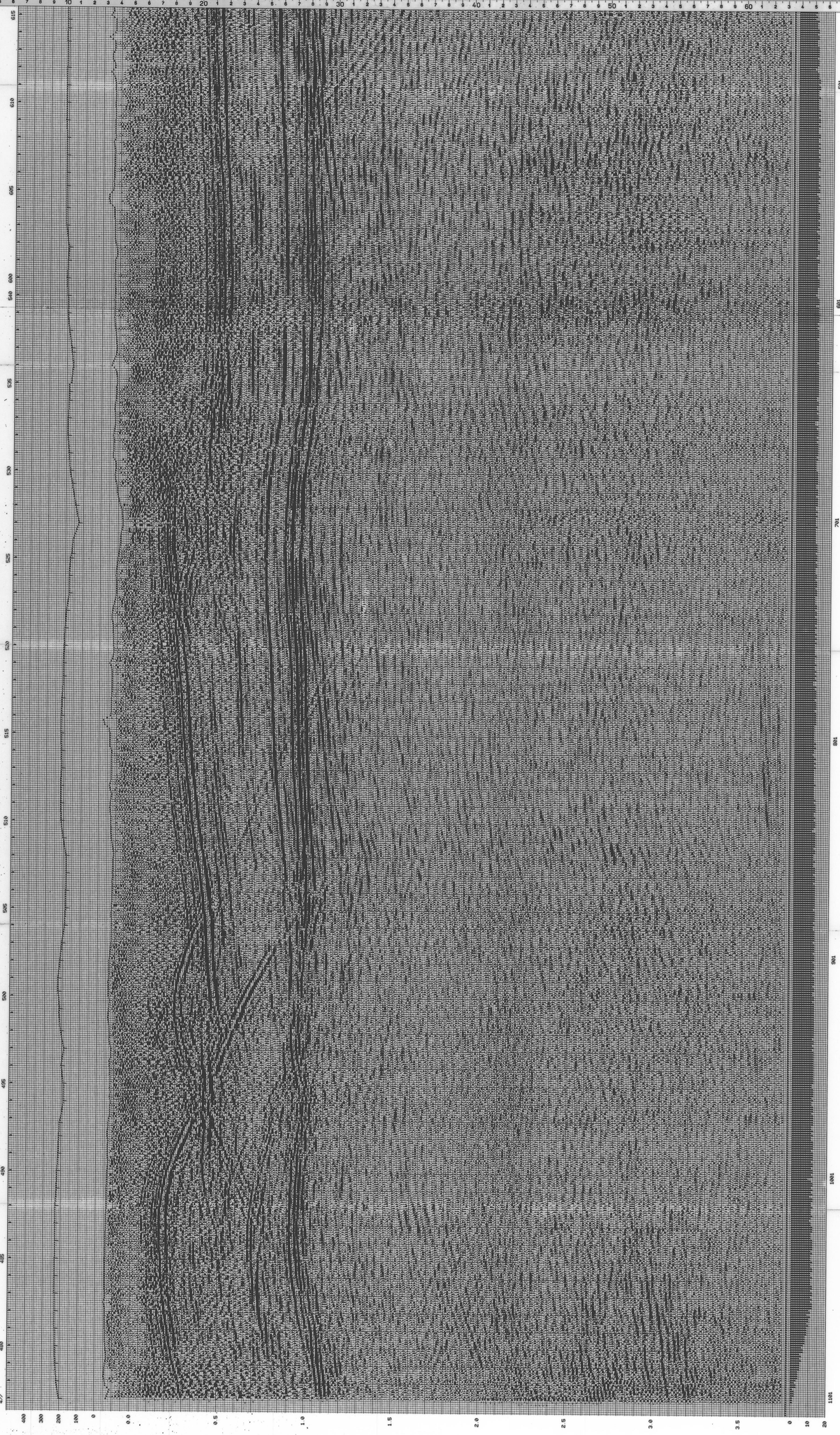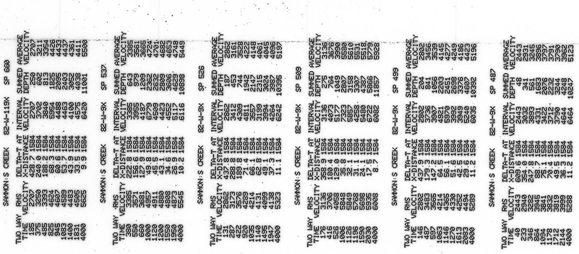
PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5 LINE NO. 8 2 - W - 1 1 9 X PART NO. 2 OF 2 R.R. 8X