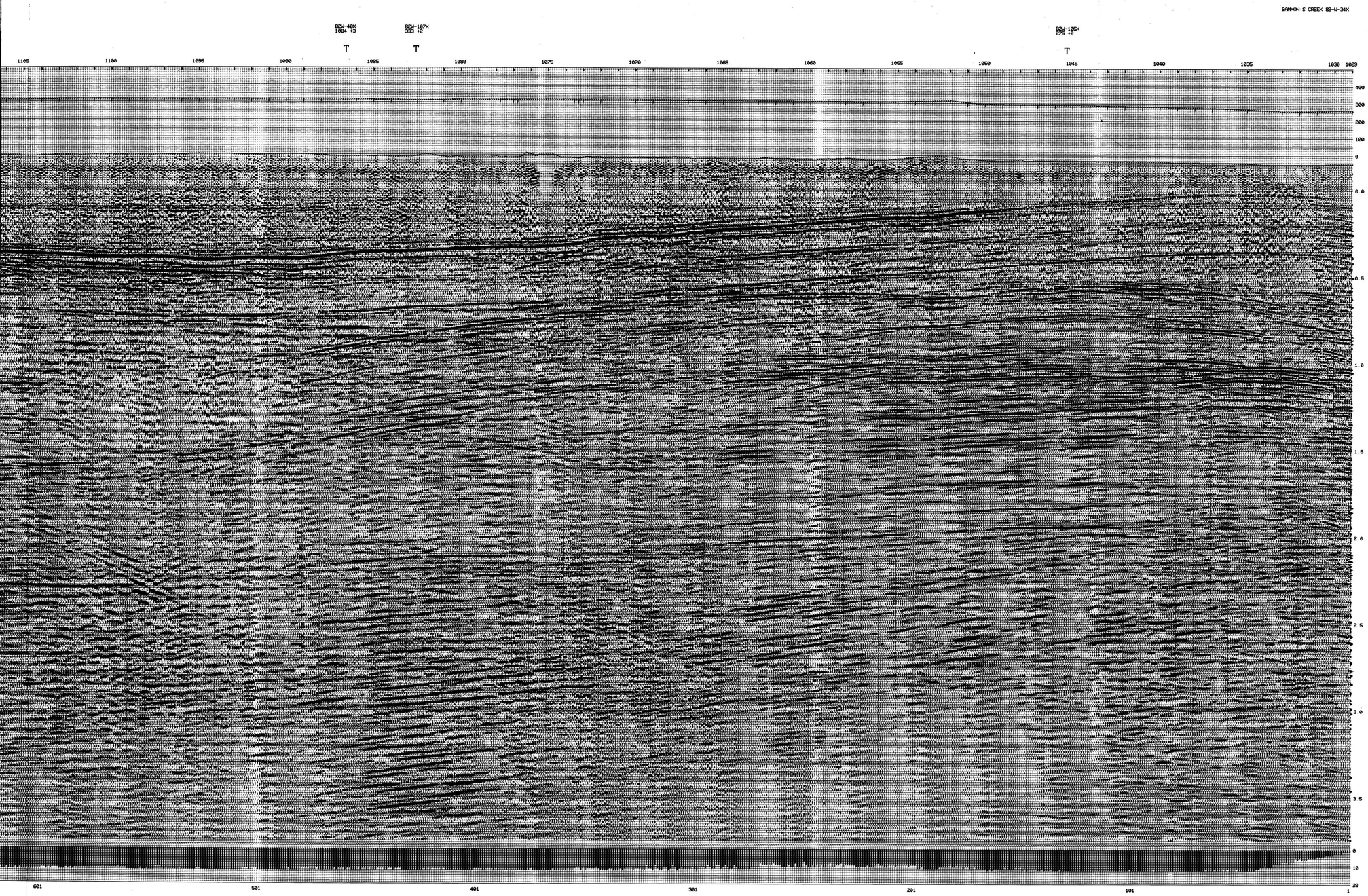


24C-00-00-115

GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 82-W-34X TYPE: S-RP
DIRECTION ⟶ E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E/ 106H
CLIENT: PETRO-CANADA EXPLORATION INC.

FLAG

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 $A t e^{+t}$
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 -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 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
(IP) LINEAR RAMP SCALING
( ) TIME : 0-130 , 250-1600, 2300 , 3000-4000
% SCALER 70 , 100 , 120 , 250
18 EQUALIZATION 400-2400ms

78438

Terra Surveys Ltd.
2000 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9571
Telex: 053-3502
Cable: TERRA

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5

LINE NO. 8 2 - W - 3 4 X

PART NO. 1 OF 2 R.R. 8X

GETTY GEOPHYSICAL SURVEYS INC.
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9561
Telex: 053-3562

Cable: TERRA

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5

LINE NO. 8 2 - W - 3 4 X

PART NO. 2 OF 2

R.R. 8X

B24-8X
SP 325 +2

B24-111X
SP 348

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1192 1190 1185 1180 1175 1170 1165 1160 1155 1150 1145 1140 1135 1130 1125 1120 1115 1110 1105

400 300 200 100 0 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 0 10 20

1301 1201 1101 1001 901 801 701 601

0 1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 20 1 2 3 4 5 6 7 8 9 30 1 2 3 4 5 6 7 8 9 40 1 2 3 4 5 6 7 8 9 50 1 2 3 4 5 6 7 8 9 60 1 2 3 4 5 6 7 8 9 70