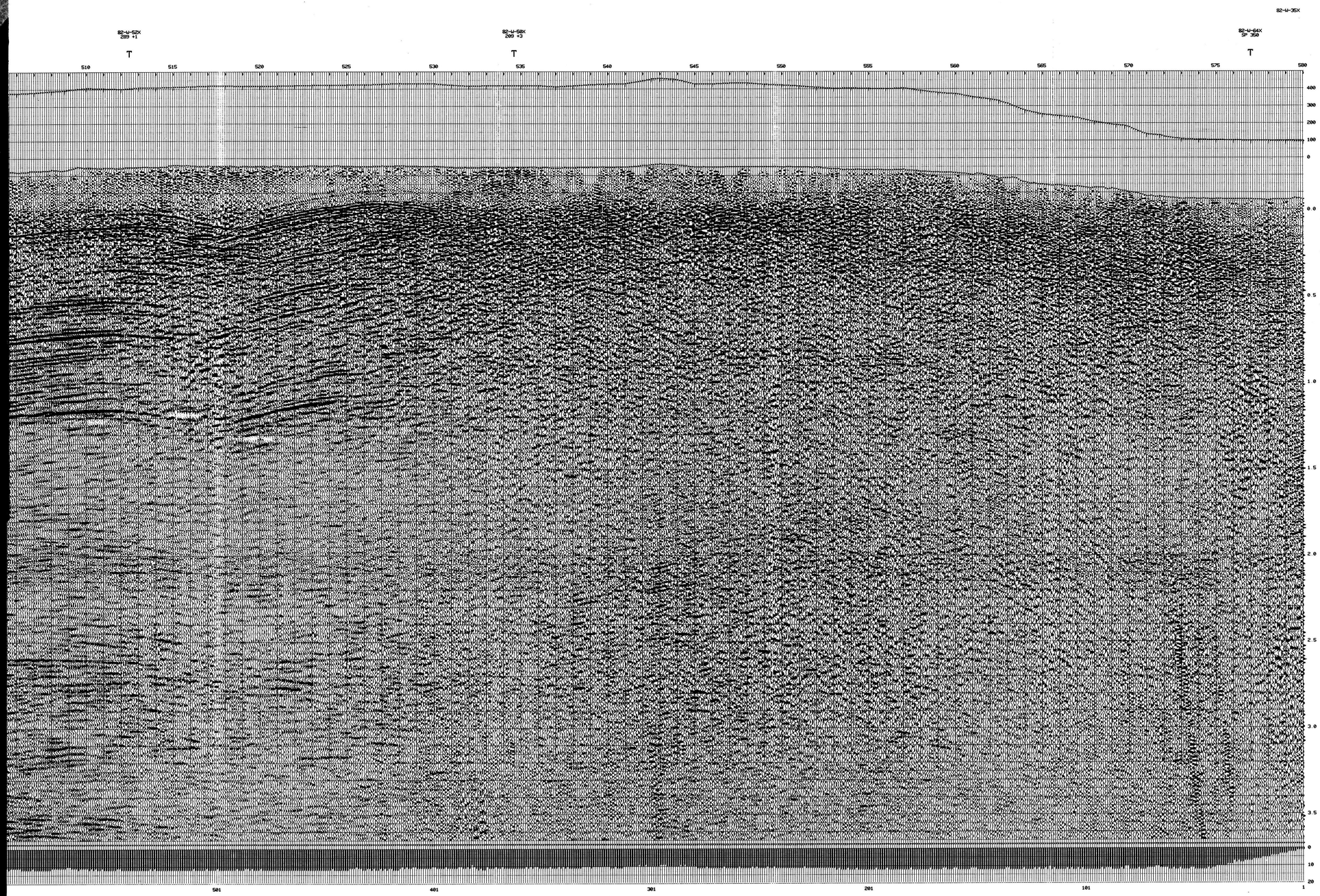
24C-06-05-115



GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 82-W-35X TYPE: S-NP
DIRECTION > N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 106H
CLIENT: PETRO-CANADA EXPLORATION INC.

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

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

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 AGC

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 -250ms.
☒ 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 90-110 Hz 2500 4900 ms
17 ADDITIONAL PROCESSING
NEAR RAMP SCALING
50 250 1600, 2300, 3000-4000
100 120 250
18 EQUALIZATION

TABULATION FROM PROCESSING DATUM

Geo-X Systems Ltd.
7250 Woodbine 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-35X

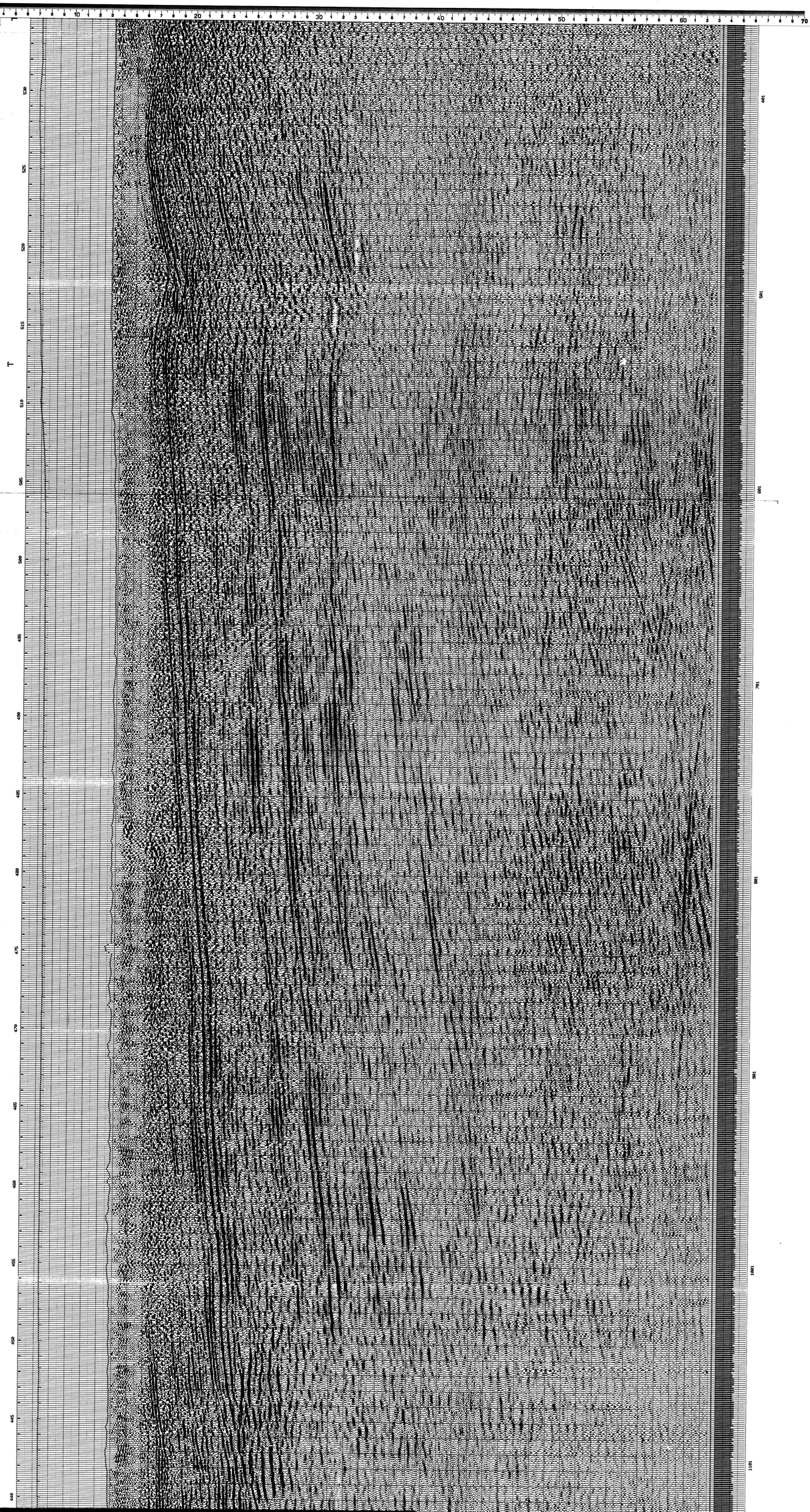
PART NO. 1 OF 3

R.R. 8X

1P33P

2000 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3602 Cable: TERRA

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 5 LINE NO. 8 2 - W - 3 5 X PART NO. 2 OF 3 R.R. 8X



2062 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
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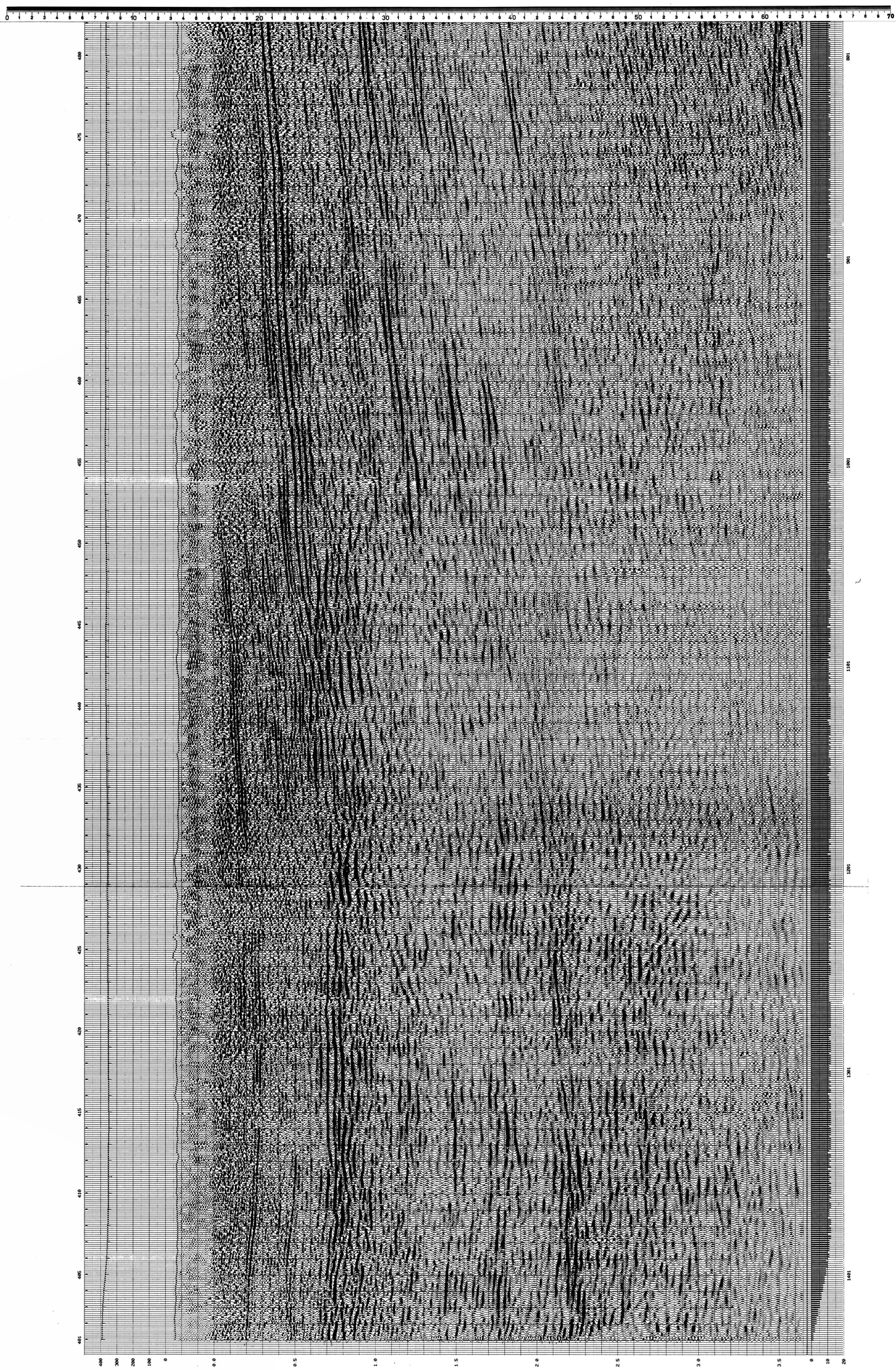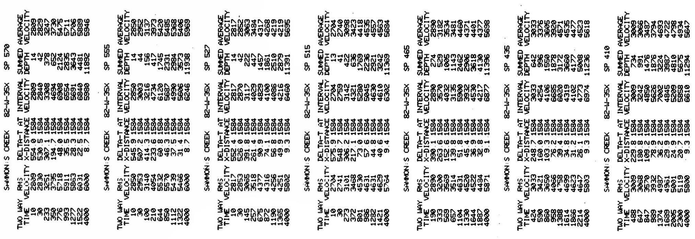
PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5 LINE NO. 8 2 - W - 3 5 X PART NO. 3 OF 3 R.R. 8X