COLVILLE LINE FR-51

TIME	V-RMS	V-INT
201	5740	5740
374	6261	6803
661	6181	6030
1029	6431	6839
1329	6464	6357
1592	6641	6271
1841	6939	7439

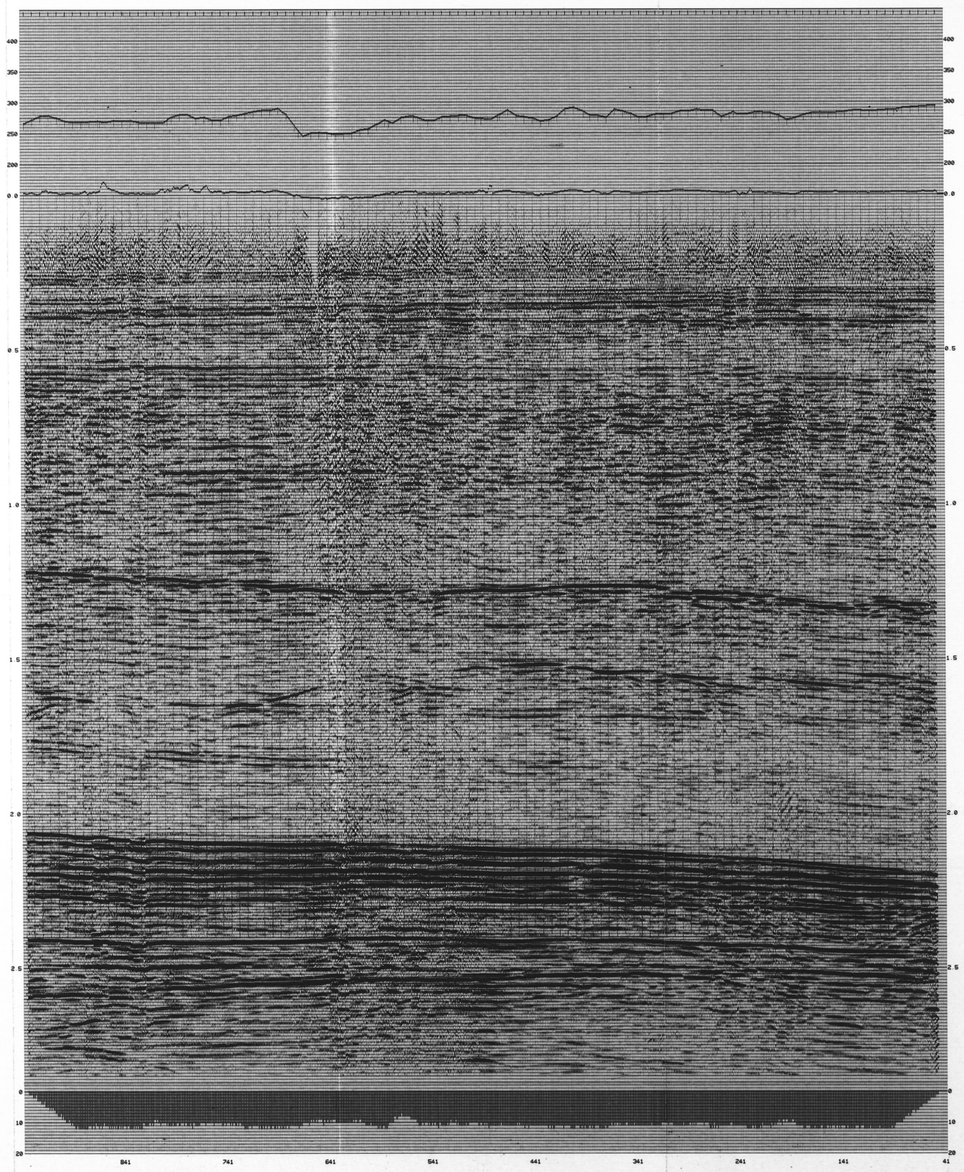
TIME	V-RMS	V-INT
658	6142	6142
1028	6848	8085
1329	6848	7980
1616	6838	7163
1875	6811	6138
2113	6814	6428
2429	6151	5898

TIME	V-RMS	V-INT
246	5785	5785
582	5926	6164
914	5901	5879
1216	6469	6925
1499	6447	6337
1769	6639	6925

TIME	V-RMS	V-INT
243	5782	5782
583	5909	6074
883	6214	6862
1146	6353	6383
1749	6721	8121
2189	6948	8143
2488	7439	7939

LINE
FR-50
STA
741
T

653 641 621 601 581 561 541 521 501 481 461 441 421 401 381 361 341 321 301 281 261 241 221 209



9229-F09-3E

GEO-X SYSTEMS LTD.
CALGARY, ALBERTA

LINE: FR-51 TYPE: S-RP
DIRECTION ⟶ N. ENHANCED
PROJECT: COLVILLE
LOCATION: N.W.T. 123°-125° E., 66°-67° N.
CLIENT: FORWARD RESOURCES LTD.
PROCESSING MONITORED BY: PETREL CONSULTANTS LTD.

SHOT BY PACER GEOPHYSICAL LTD. DATE: 1/83

SPREAD: 48 x 48, 1632 m. x 34 m. x 34 m. = 1632 m.
SOURCE: DYNAMITE, 1 HOLE @ 2 kg., 10 m. DEPTHS
RECEIVERS: L-28, 14 Hz., 9 OVER 33.5 m.
SOURCE INTERVAL: 136 m. GROUP INTERVAL: 34 m.

AMPLIFIERS: MDS-10 FIELD FILTER: 9/18-125 Hz.
GAIN MODE: TAPE FORMAT: SEG B

FLAG

SURFACE ELEVATIONS

SURFACE IN TIME

PROCESSED AT GEO-X DATE: 2/83

1 DIGITAL CONVERSION. SAMPLE RATE: 2 ms.
2 AMPLITUDE RECOVERY $At^{1.5}$

PREFILTER
3 DECONVOLUTION. TYPE: SPIKING TIME VARIANT, SLOPING
OPERATOR LENGTH: 60 ms., DESIGN GATE: 200-900 ms.
70 ms. 800-1800 ms.
80 ms. 1700-2700 ms.
PREWHITENING: 3%
4 STRUCTURAL CORRECTIONS
DATUM: 305 m. DATUM VELOCITY: 5500 m./sec.
PROCESSING DATUM: 100 m.
(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.) 307 579 1632
TIME (ms.) 200 300-400 640
14 GATHER FOLD: 12
15 STACK STACK REEL: GS048
16 FILTER (16) 18/25-90/100
( )
( )
18 ADDITIONAL PROCESSING
19 (18) LINEAR RAMP SCALING: 0-0.90, 150-0.70, 300-1.00, 3000-1.00
(19) AMPLITUDE COHERENCY ENHANCEMENT
17 EQUALIZATION 250-2700 ms.

2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 9229-F09-3E
LINE NO. FR-51
PART NO. 1 OF 1
R.R. 10X