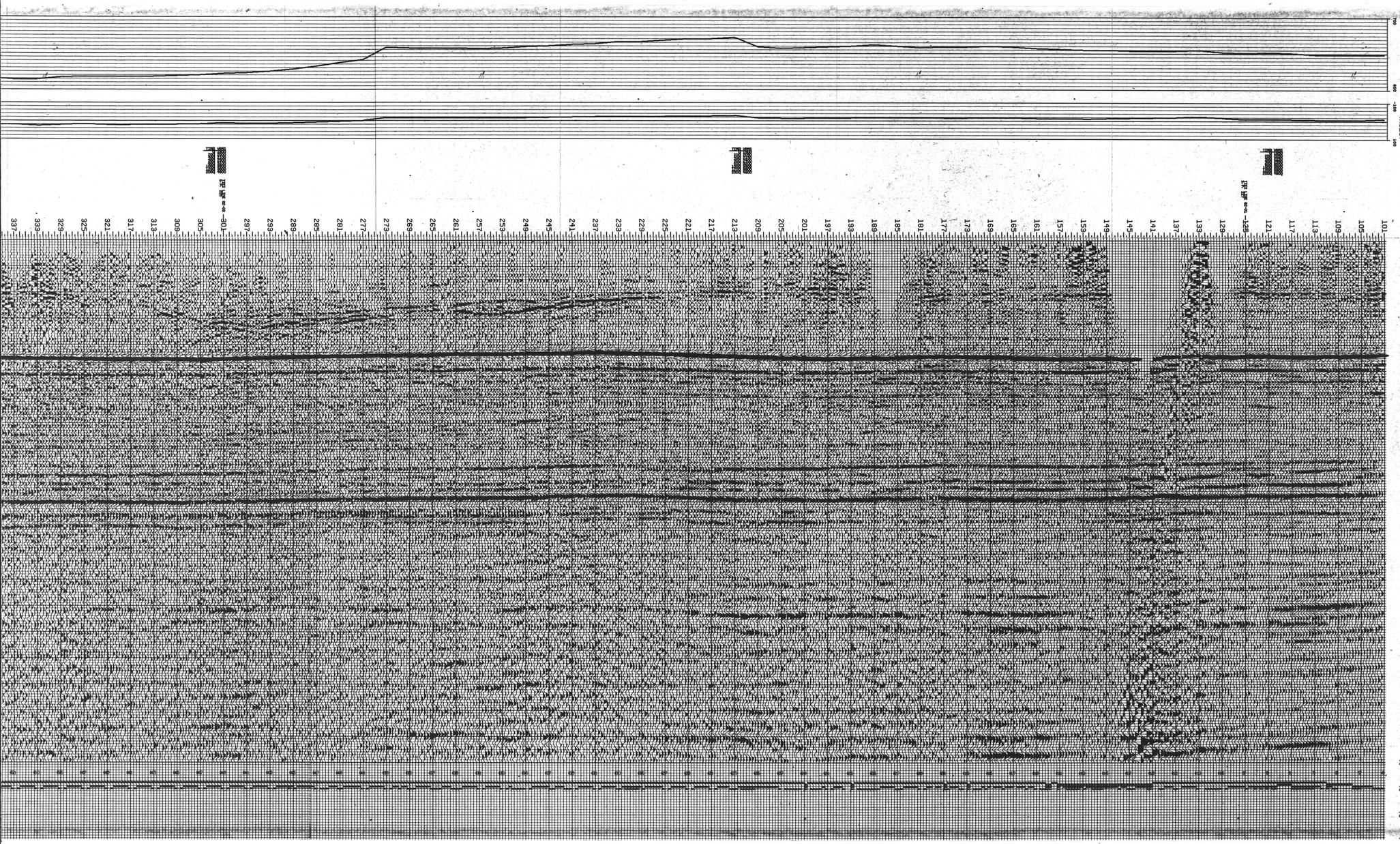


SEFEL

GEOPHYSICAL SERVICES LIMITED
CDP STACK SECTION
WEST CAMERON HILLS, ALBERTA
JAN/SEP 1982

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS (CALGARY)

CLIENT: CONWEST RESOURCES LIMITED

PROSPECT: WEST CAMERON HILLS

LINE 82-14 S.P.101-1373 DIRECTION EAST →

FIELD PARAMETERS

SHOT BY	SOURCEX GEOPHYSICAL LTD. PARTY NO. SX-1
DATE SHOT	FEBRUARY 1982
SOURCE TYPE	DYNAMITE
SOURCE PATTERN	1 HOLE
CHARGE SIZE	5 KG OVER 13 M
GEOPHONE TYPE	MO-79 14 HZ
RECORDER	DFS V
FORMAT	SEG-B
RECORD LENGTH	3 SEC
SAMPLE RATE	2 MS
NO. TRACES/RECORD	96
SPREAD GEOMETRY	1608-33.5-X-33.5-1608 M
GROUP INTERVAL	33.5 M
SHOT POINT INTERVAL	134 M

PROCESSING SEQUENCE

1 DEMULTIPLEX WITH GAIN RECOVERY
  PROCESSING INTERVAL 2 MS
  RECORD LENGTH 3 SEC
2 CDP TRACE GATHER 1200 PC
3 SURFACE CONSISTENT AMPLITUDE CORRECTIONS
4 ZERO PHASE LOW CUT FILTER 6-14 HZ
5 SPIKING DECONVOLUTION
  WINDOW 200-1400 MS
  OPERATOR LENGTH 100 MS
  P.C. WHITENING 1 PC
6 EQUALIZATION
  WINDOW 500-1500 MS
7 THEORETICAL STATICS
  DATUM ELEVATION 650 M
  DATUM VELOCITY 2100 M/SEC
  WEATHERING VELOCITY 610 M/SEC
8 VELOCITY ANALYSIS
9 NMO
10 AUTOMATIC RESIDUAL STATICS
  MAX CORRELATION LAG +-40 MS
  WINDOW 300-1300 MS
11 AVERAGE MUTE-VARIES WITH CDP

TIME(MS)	OFFSET(M)
0	201
234	200
1080	804
1250	1306

12 STACK
13 ZERO-PHASE BANDPASS FILTER 6/14-65/75 HZ
14 EQUALIZATION
  WINDOW 300-1300 MS
15 DISPLAY FILM 12 TPI, 7.5 IN/SEC
  NORMAL POLARITY (POSITIVE VALUE-PEAK)

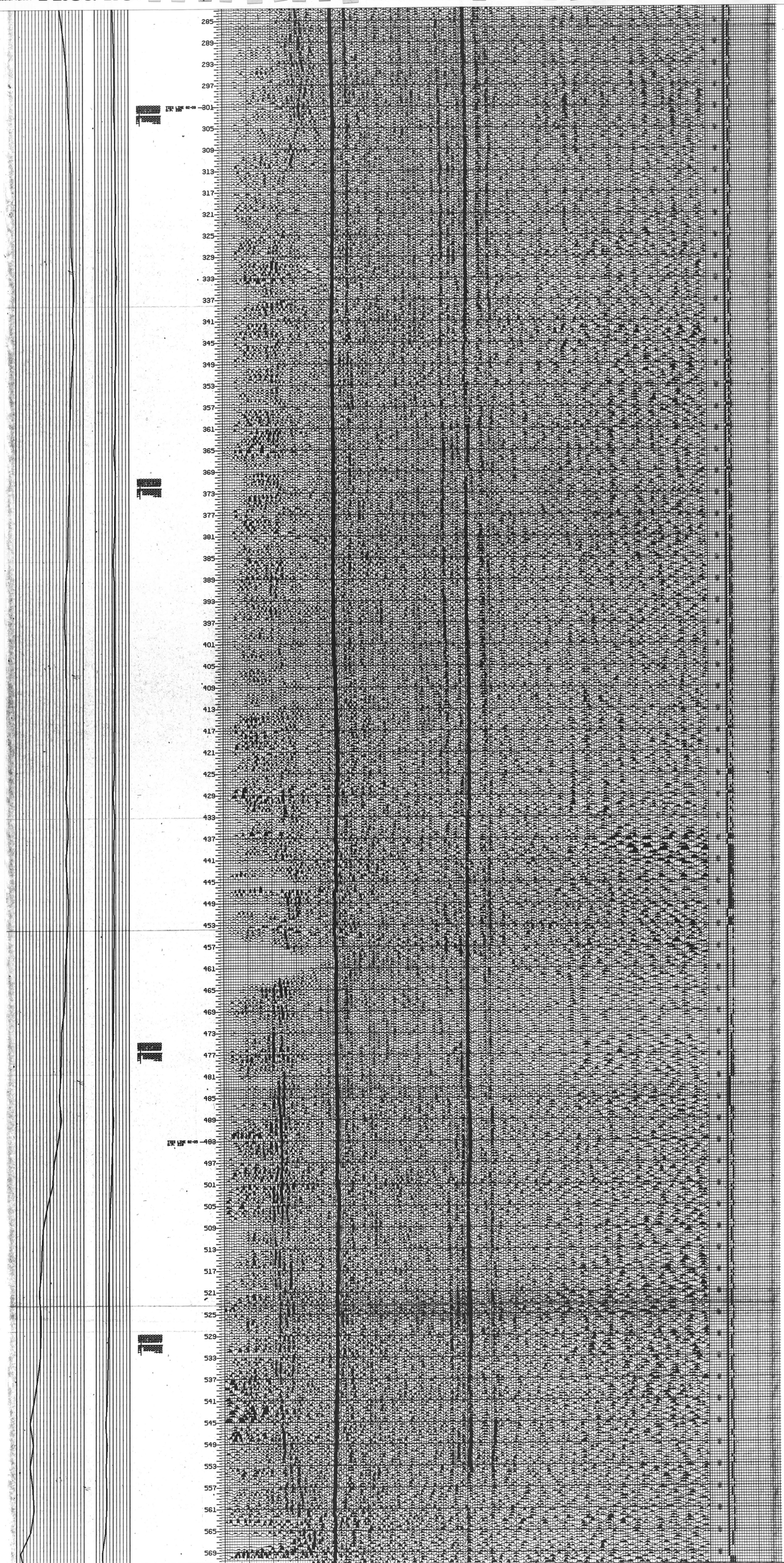
QC GEOPHYSICIST D.L.B. (INITIALS) DATE SEPTEMBER, 1982

terra
2050 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex 053-3502 Cable: TERRA

PROJ NO: 82 00 13 00
9229 C 541 E
LINE NO: 82 00 13 00
PART NO: 1 of 6 R.R. 8x

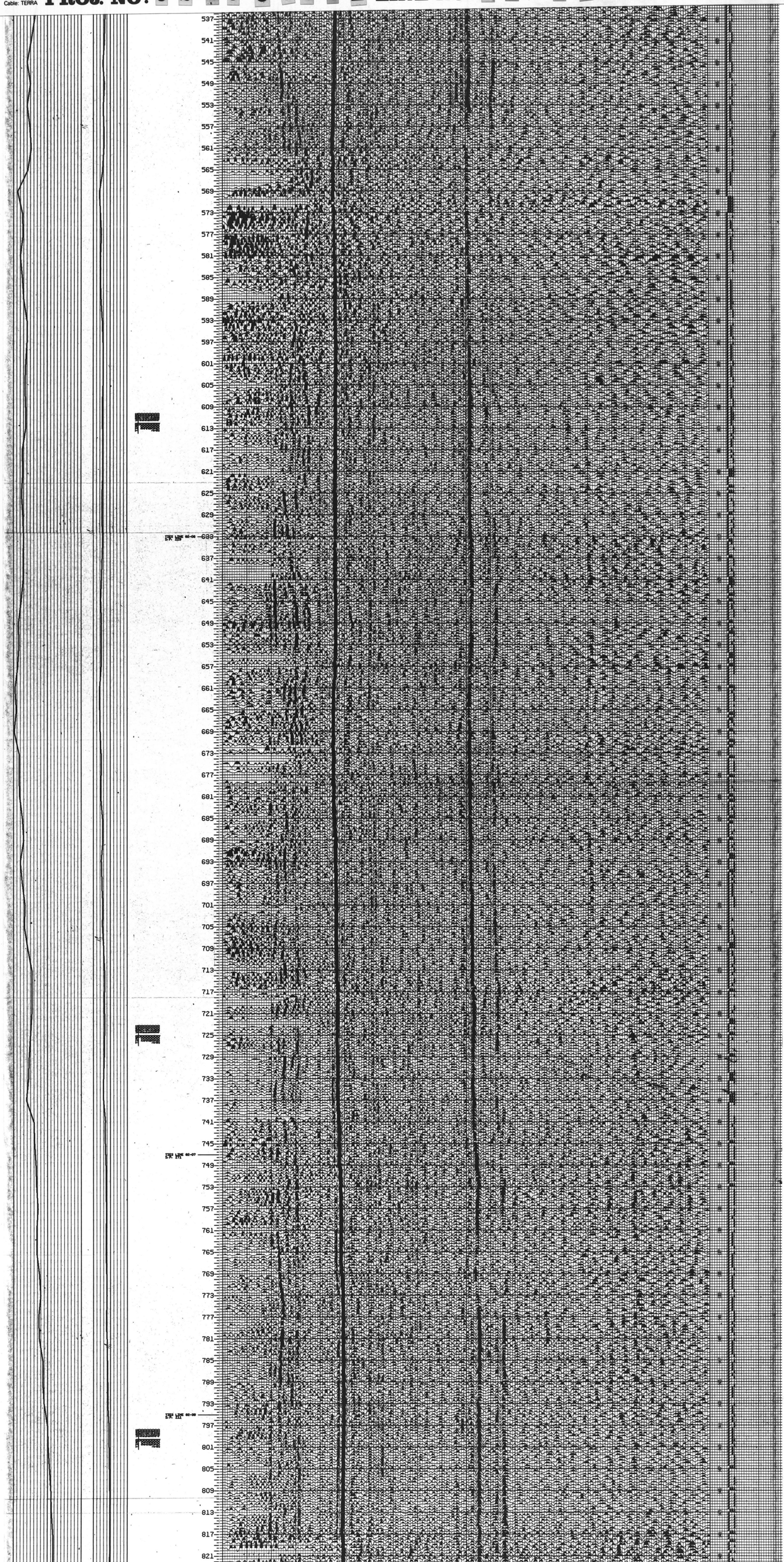
terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 8213 **PART NO:** 2 of 6 **R.R.** 8 x



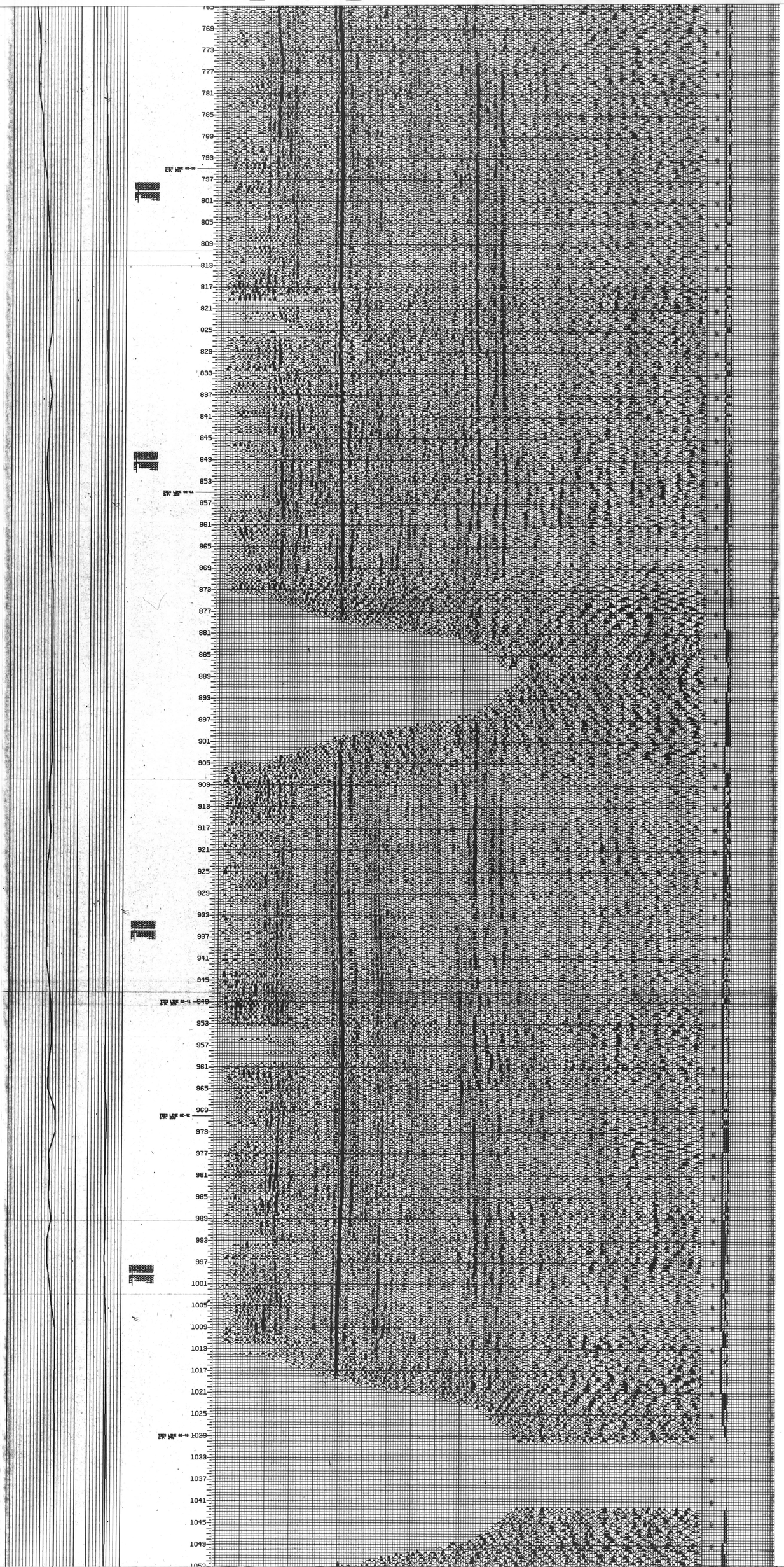
terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 8213 **PART NO:** 3 of 6 **R.R.** 8x



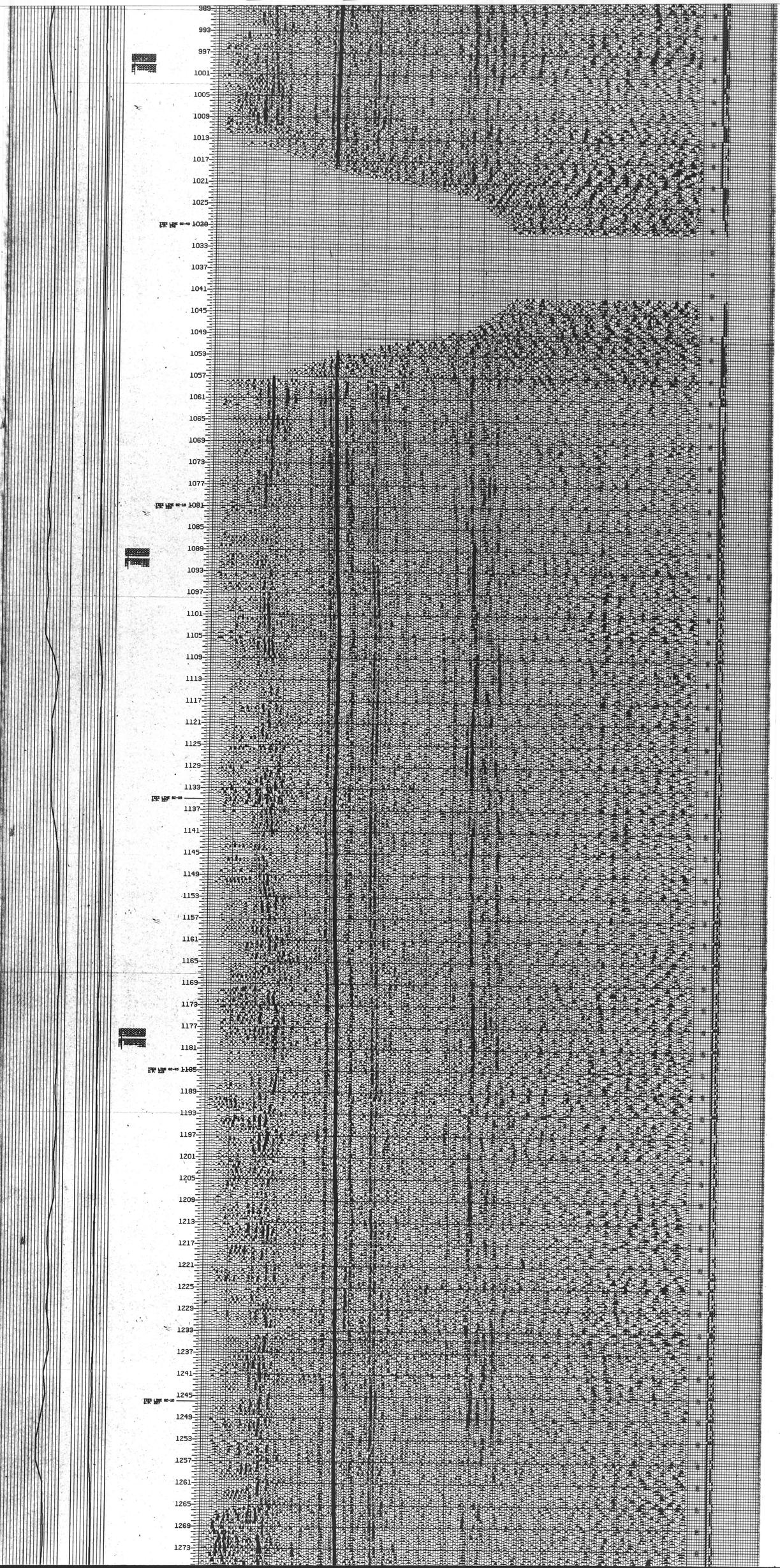
terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 8213 **PART NO:** 4 of 6 **R.R.** 8 x



terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 82-13 **PART NO:** 5 of 6 **R.R.** 8 x



terra surveys ltd.
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 8213 **PART NO:** 6 of 6 **R.R.** 8 x

