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: 82-22 PART NO: 1 of 6 R.R. 8x

9229-054-1E 4

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

LINE 82-22 DIRECTION EAST
SP 97-1333

FILE 7334.0
NTS 86E Cameron Hills/Mt.
CODE 89-10-84-34
COHO RESOURCES LIMITED

FIELD PARAMETERS

SHOT BY	SAURCEK GEOPHYSICAL LTD.
	PARTY NO. SX-1
DATE SHOT	FEBRUARY 1982
SOURCE TYPE	DYNAMITE
SOURCE PATTERN	1 HOLE
CHARGE SIZE	5 KG @ VER 13 M
GEOPHONE TYPE	MD-79 14 HZ
RECEIVER	SPS 9
PATTERN	SPS 0
RECORD LENGTH	3 SEC
SAMPLE RATE	2 MS
NO. TRACES/RECORD	96
FIELD RECORD FORMAT	SEG-33-X-X-33.5-1600 M
GROUP INTERVAL	33.5 M
SHOT POINT INTERVAL	134 M

PROCESSING SEQUENCE

1 DEMULTIPLEX WITH GAIN RECOVERY	2 MS
RECORD SAMPLE INTERVAL	2 SEC
RECORD LENGTH	1600 MS
TRACE GATHER	12 CDP TRACES
2 CDP ASSIGNMENT AMPLITUDE CORRECTIONS	
3 ZERO PHASE LOW CUT FILTER	6-14 HZ
4 SPIKING DECONVOLUTION	200-1400 MS
WINDOW	100 MS
OPERATOR LENGTH	1 PC
P.C. WHITENING	
6 EQUALIZATION	500-1500 MS
WINDOW	
7 THEORETICAL STATICS	650 M
WEATHERING VELOCITY	2100 M/SEC
DATUM VELOCITY	610 M/SEC
WEATHERING VELOCITY	
8 VELOCITY ANALYSIS	
NMO	
10 AUTOMATIC RESIDUAL STATICS	
CORRELATION LAG	+-40 MS
WINDOW	300-1300 MS
11 AVERAGE MUTE-VARIES WITH CDP	
TIME (MS)	OFFSET (M)
0	201
234	200
1000	804
1250	1806
12 STACK	
13 ZERO-PHASE BANDPASS FILTER	6/14-65/75 HZ
14 EQUALIZATION	300-1300 MS
15 DISPLAY FILM	12 TPI
	7.5 IN/SEC
NORMAL POLARITY (POSITIVE VALUE-PEAK)	

QC GEOPHYSICIST J.L.B. DATE SEPTEMBER,1982

ELEVATION
650 550

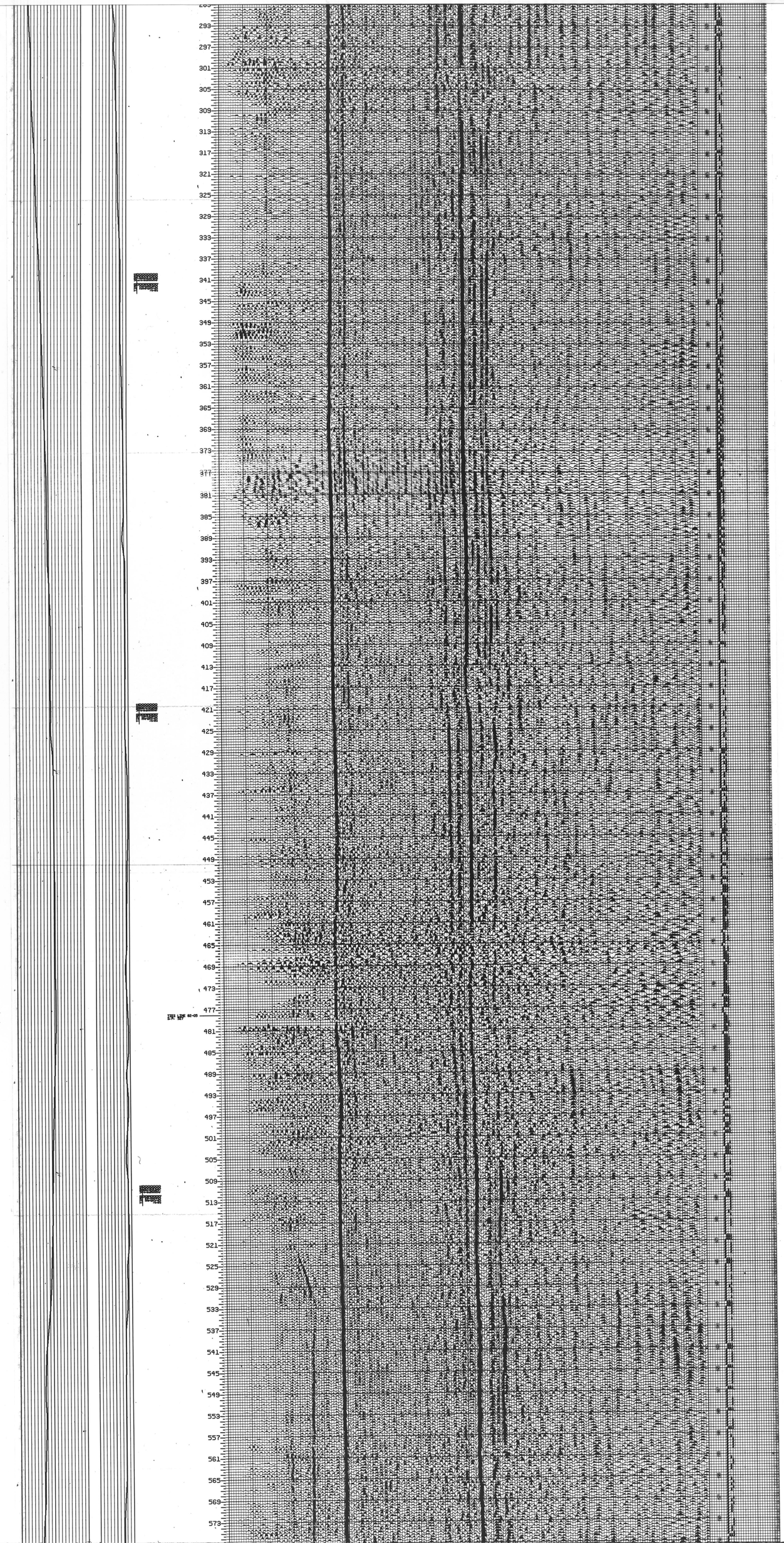
TOTAL CORR. (MSEC)
-50 50

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2

97 101 105 109 113 117 121 125 129 133 137 141 145 149 153 157 161 165 169 173 177 181 185 189 193 197 201 205 209 213 217 221 225 229 233 237 241 245 249 253 257 261 265 269 273 277 281 285 289 293 297 301 305 309 313 317 321 325 329

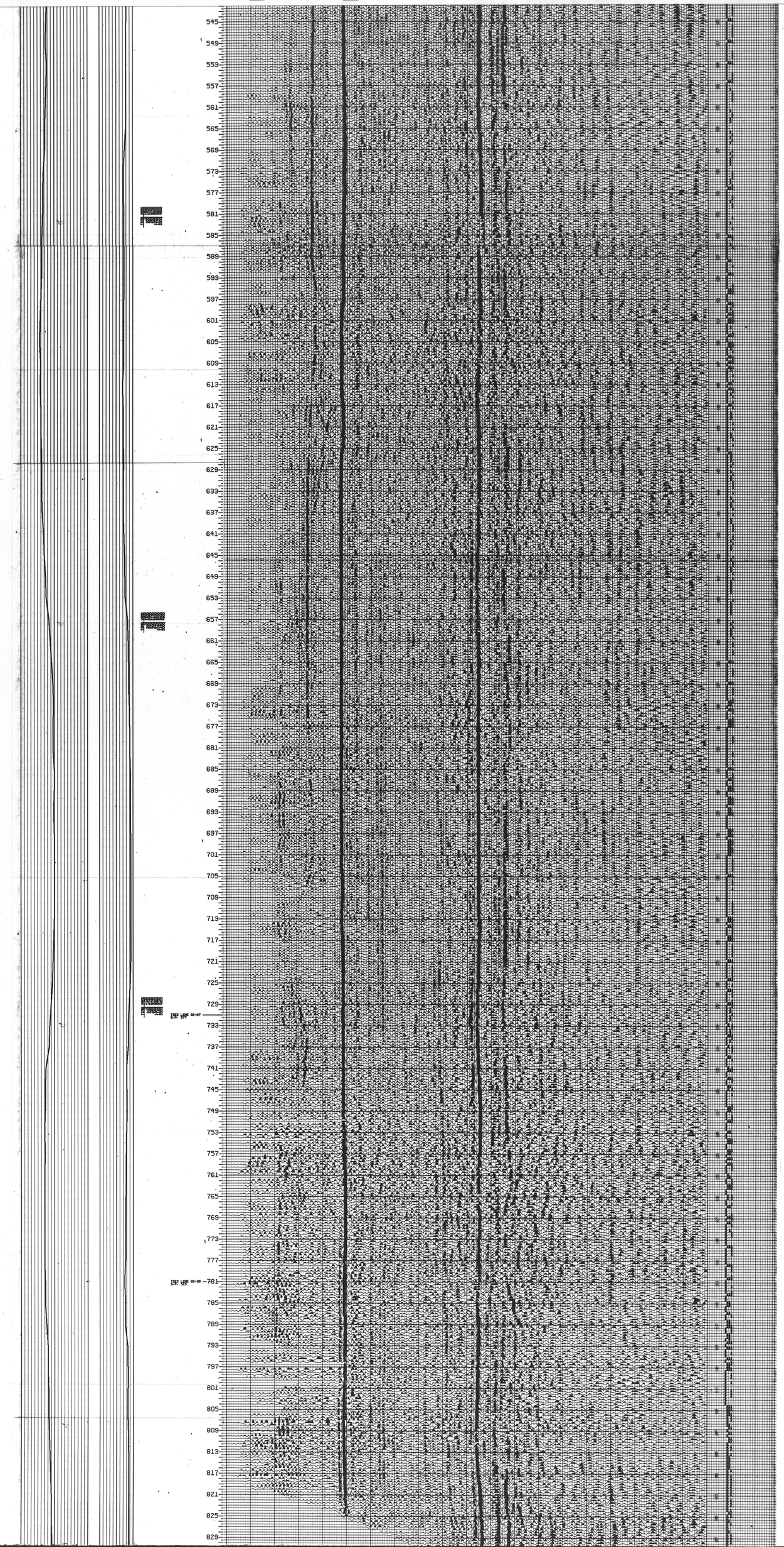
terra surveys ltd
2060 Walkley Rd. Ottawa. Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 8222 **PART NO:** 2 of 6 **R.R.** 8x



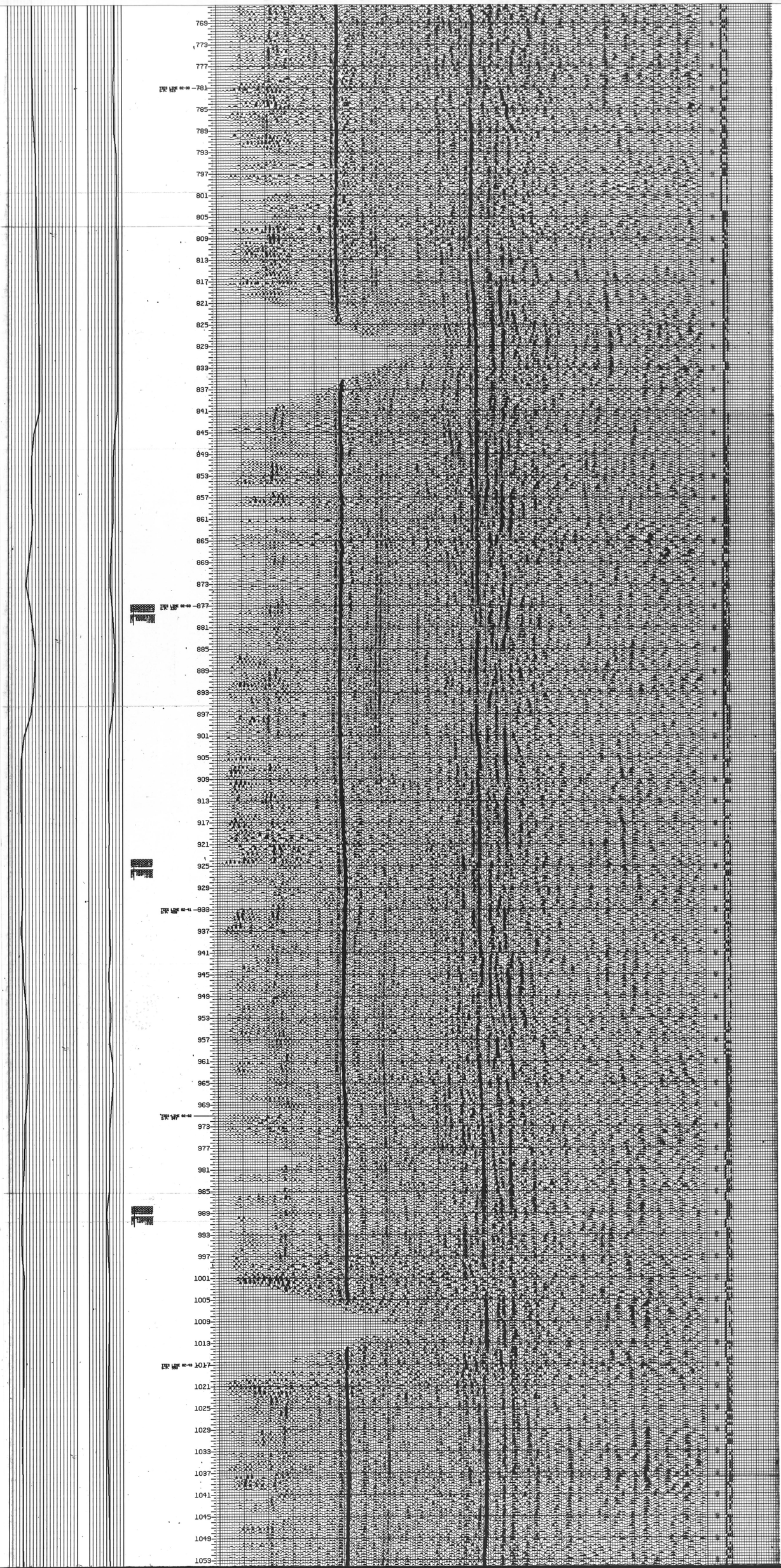
terra surveys ltd.
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E **LINE NO:** 82-22 **PART NO:** 3 of 6 **R.R.** 8x



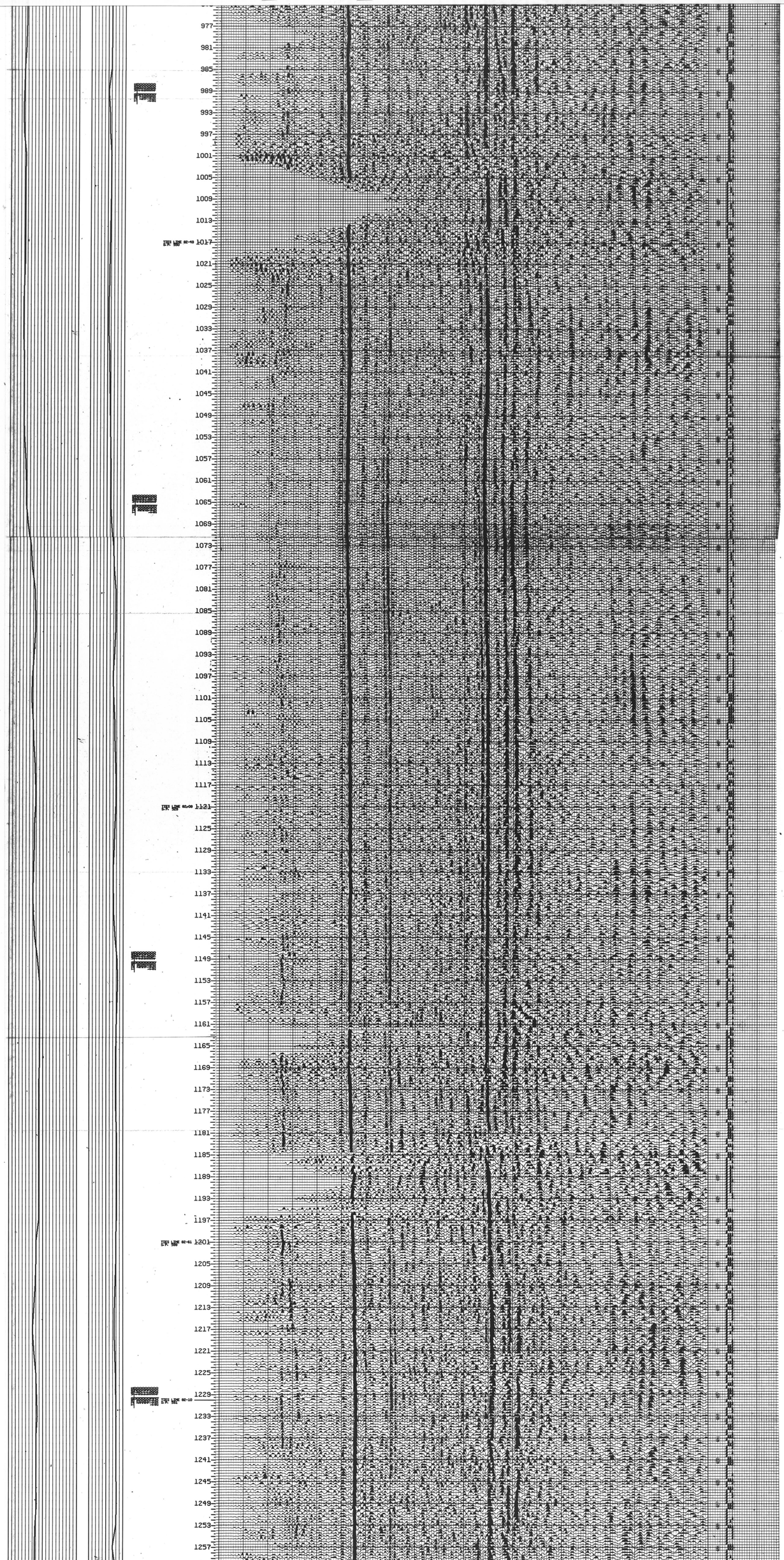
terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C5411E LINE NO: 82-22 PART NO: 4 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:** 8222 **PART NO:** 5 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:** 8222 **PART NO:** 6 of 6 **R.R.** 8 x

