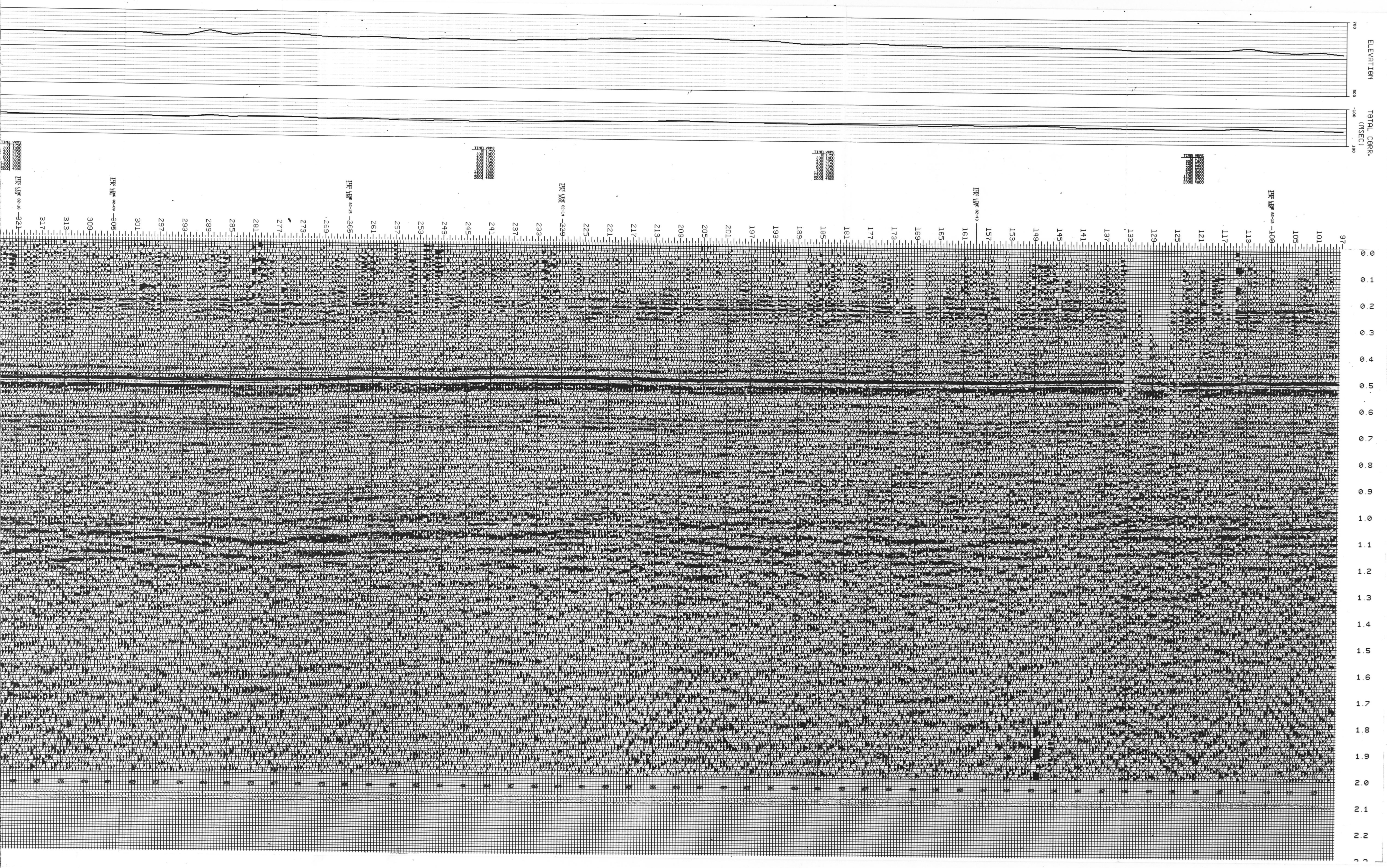

COHO RESOURCES LIMITED
CODE 93-10-82-18
NTS West Cameron Hills, N.W.T.
FILE 70 B b.

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

LINE 82-18 **DIRECTION** N.E. →
S.P. 97-641

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	MD-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                      2 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
   REVERSE POLARITY (NEGATIVE  VALUE-PEAK )
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QC GEOPHYSICIST D.L.B. (INITIALS) DATE SEPTEMBER, 1982

9229-C54-1E

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:** 82-18 **PART NO:** 1 of 8 **R.R.** 8 x

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PROJ. NO: 9229C541E LINE NO: 82-18 PART NO: 2 of 3 R.R. 8 x

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PROJ. NO: 9229C541E LINE NO: 82 18 PART NO: 3 of 3 R.R. 8 x