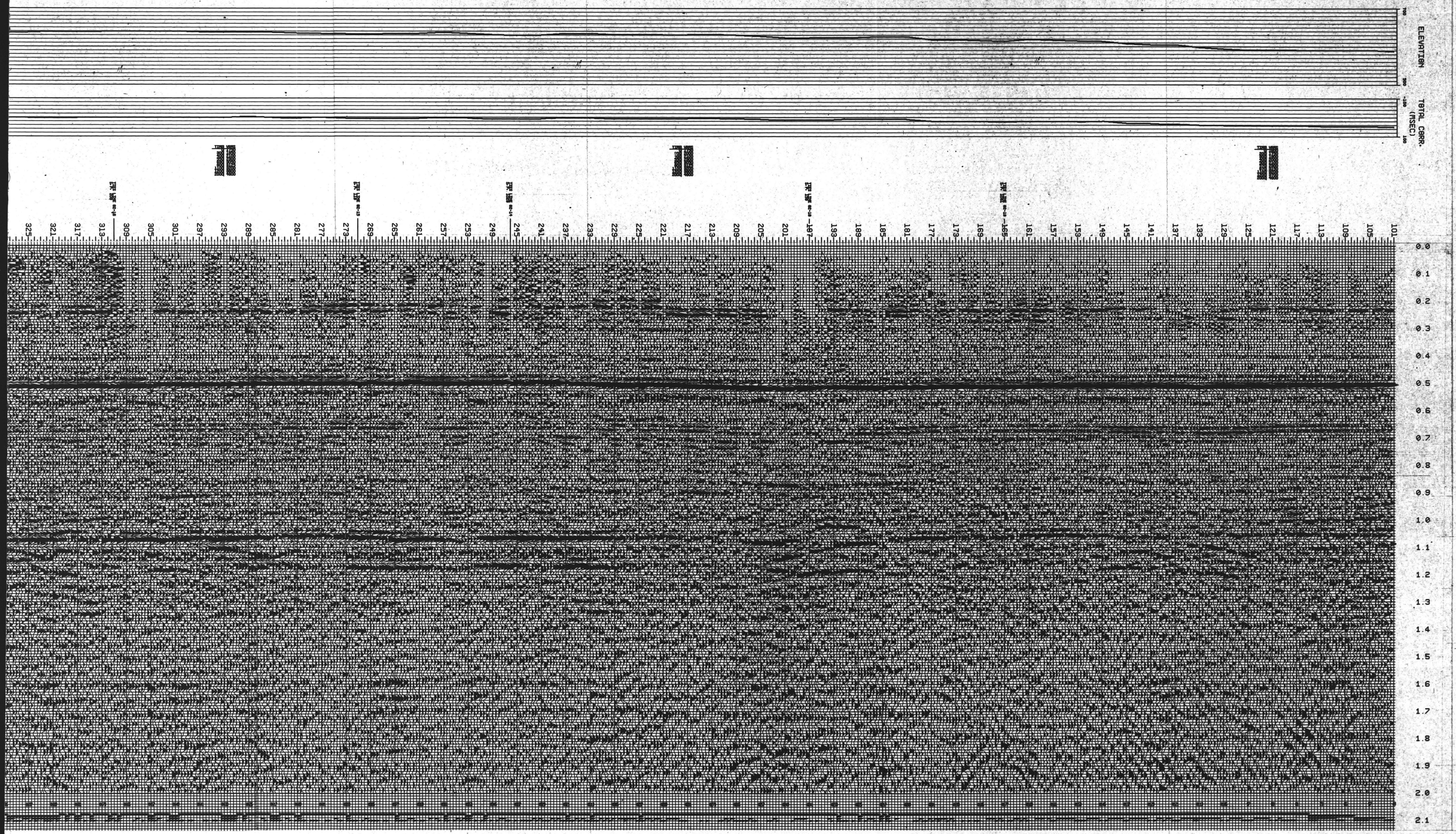

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

COHO RESOURCES LIMITED
CODE 98-10-82-82-43
NTS West Cameron Hills NWT.
FILE 650 a

9229-C54-1E
1

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

LINE 82-43 **DIRECTION** NORTH →
S.P. 101-597

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
   NORMAL  POLARITY (POSITIVE   VALUE-PEAK )
```

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

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: 82-43 PART NO: 1 of 3 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: 8243 PART NO: 2 of 3 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: 9 2 2 9 C 5 4 1 E LINE NO: 8 2 4 3 PART NO: 3 of 3 R.R. 8 x