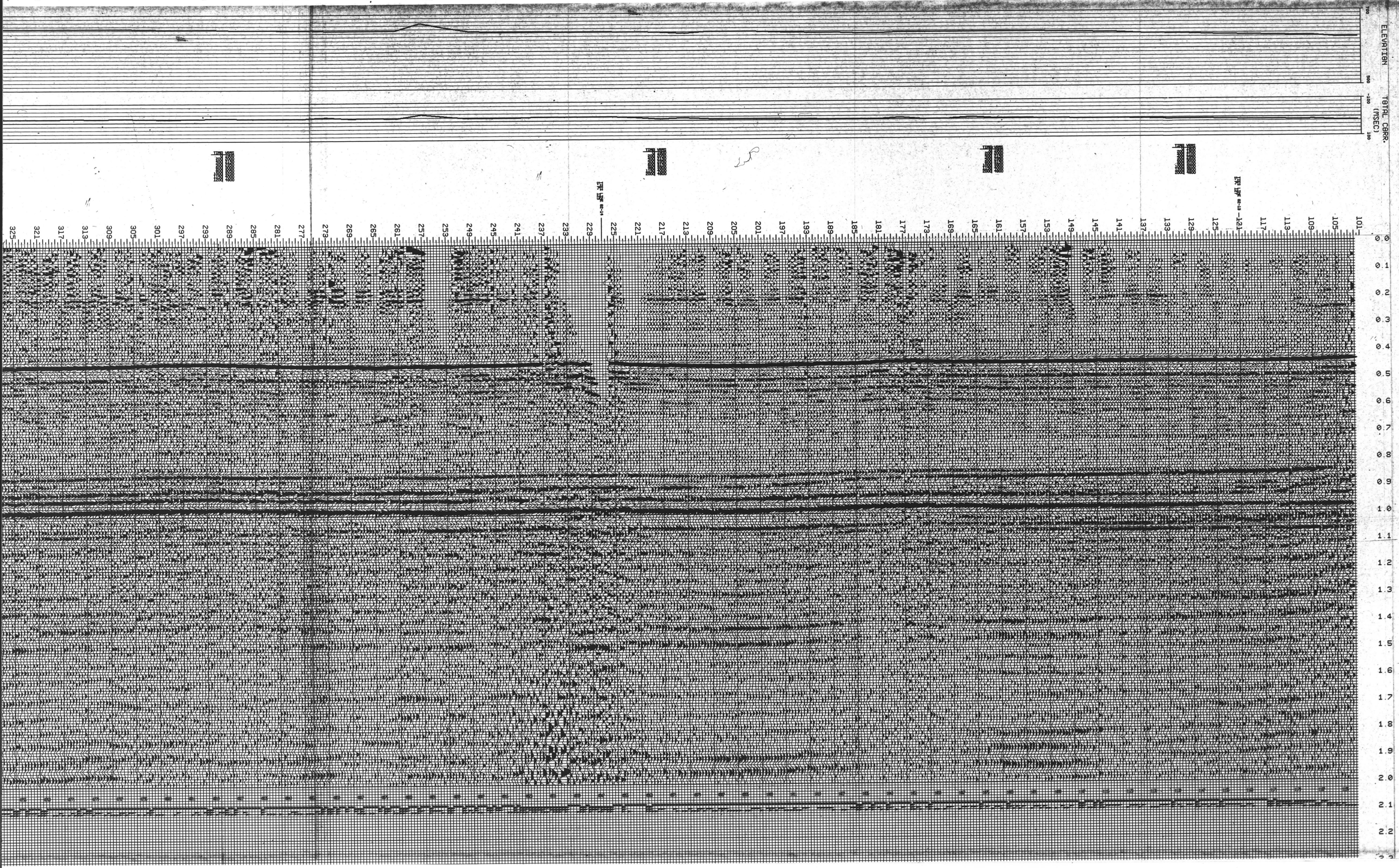

SEFEL

COHO RESOURCES LIMITED
CODE 93-10-82-01
NTS West Cameron Hills, N.W.T.
FILE 709 Q

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS (CALGARY)

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

LINE 82-01 **DIRECTION** NORTH →
S.P. 101-677

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 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: 8201 PART NO: 1 of 3 R.R. 8 x

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PROJ. NO: 9229C541E LINE NO: 82 01 PART NO: 2 of 3 R.R. 8 x

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