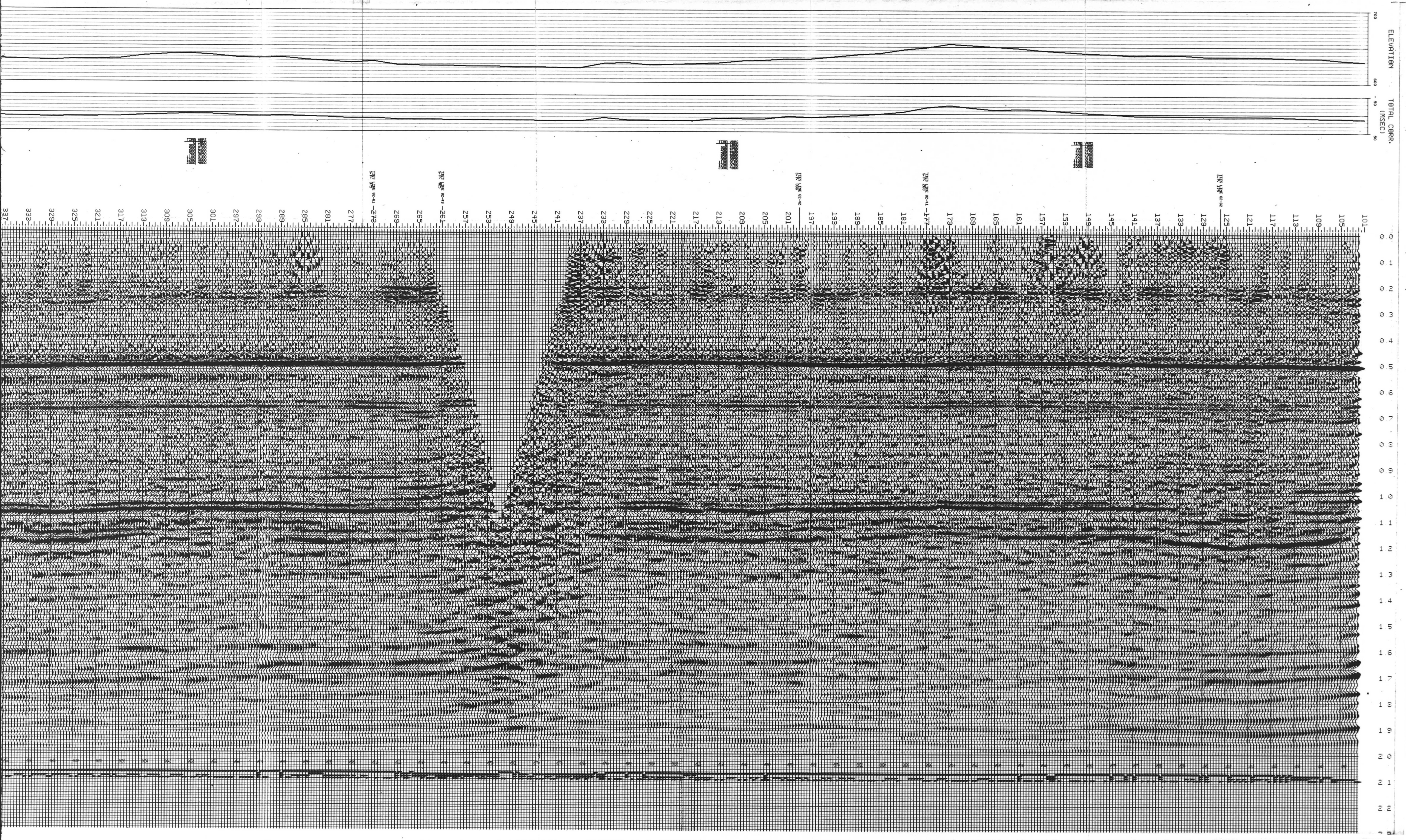

9229-C54-1E

COHO RESOURCES LIMITED
CODE 93-10-82-19
NTS N.W.T.
FILE #667 F.

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

MIGRATED

LINE 82-19 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	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 WAVE EQUATION MIGRATION
14 ZERO-PHASE BANDPASS FILTER
6/14-65/75 HZ
15 EQUALIZATION
WINDOW 300-1300 MS
16 DISPLAY FILM 12.0 TPI
7.5 IN/SEC
NORMAL POLARITY (POSITIVE VALUE-PEAK)

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

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

PROJ. NO: 9229C541E LINE NO: 82-19 PART NO: 1 of 3 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: 82-19 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 [illegible] 2 9 C 5 4 [illegible] E **LINE NO:** [illegible] **PART NO:** [illegible] **of** [illegible] **R.R. 8 x**