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: 8261 PART NO: 1 of 3 R.R. 8 x

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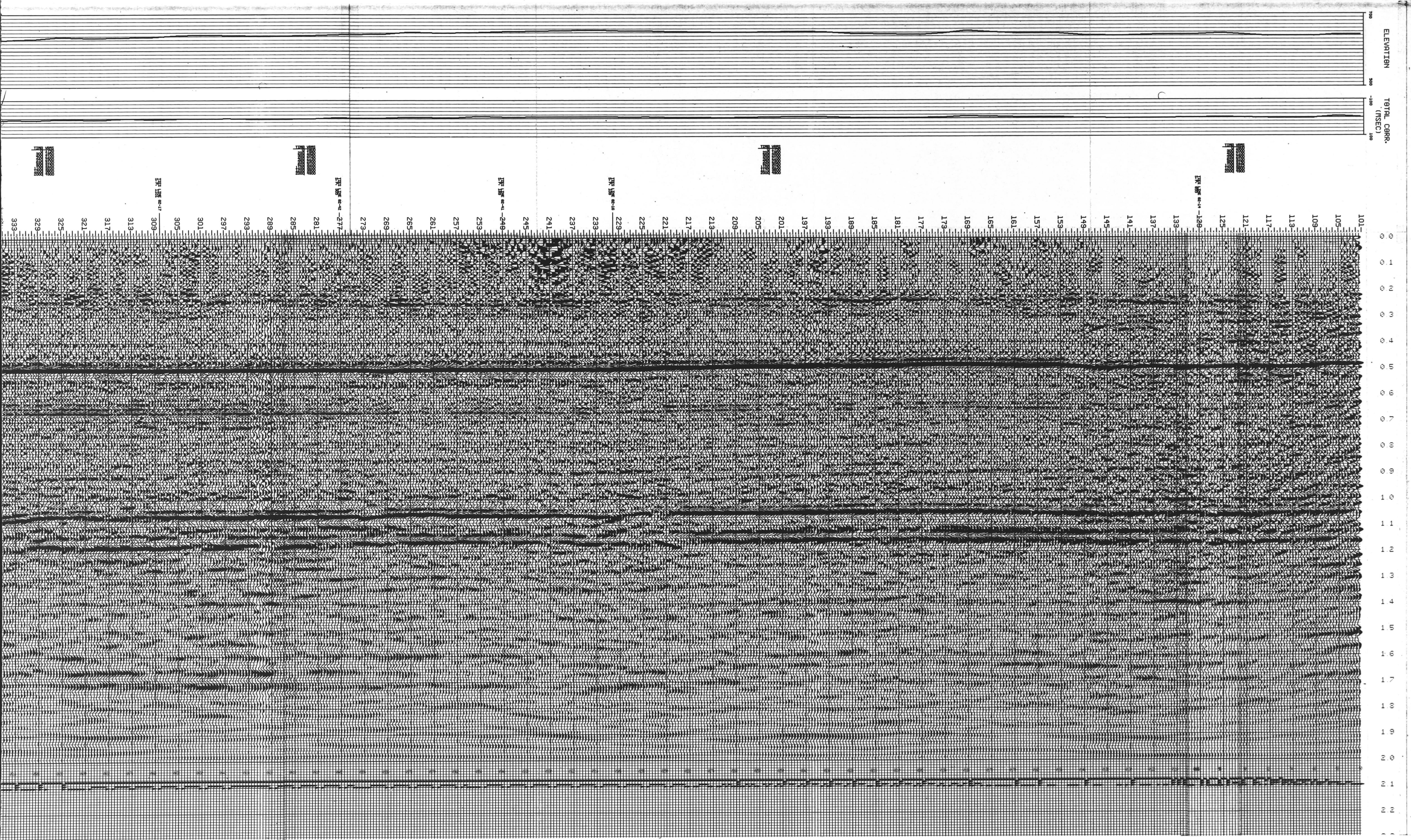
PROJ. NO: 9229C541E LINE NO: 8261 PART NO: 2 of 3 R.R. 8 x



9229-C54-1E

COHO RESOURCES LIMITED
CODE 93-10-82-61
NTS N.W.T.
FILE #666 c.

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

MIGRATED

LINE 82-61 DIRECTION N.E. →

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

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

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