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 21 PART NO: 1 of 4 R.R. 8 x

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PROJ. NO: 9 2 2 9 C 5 4 1 E LINE NO: 8 2 2 1 PART NO: 2 of 4 R.R. 8 x

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2060 Walkley Rd. Ottawa, Ont.
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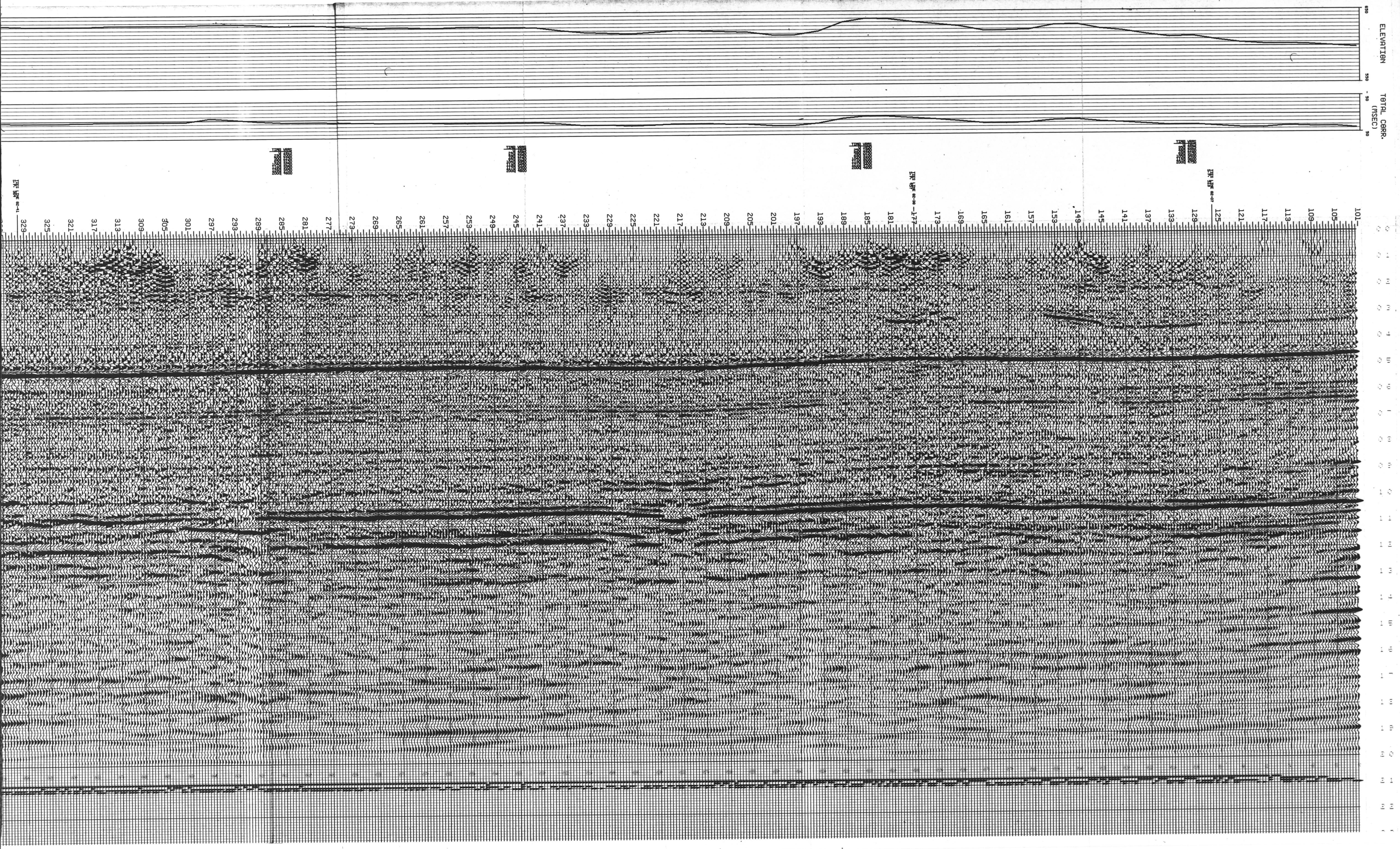
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO: 9229C541E LINE NO: 8221 PART NO: 3 of 4 R.R. 8x



9229-C54-1E

COHO RESOURCES LIMITED
CODE 93-10-82-21
NTS N.W.T.
FILE #478f.

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT COHO RESOURCES LIMITED

PROSPECT WEST CAMERON HILLS

MIGRATED

LINE 82-21 **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

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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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PROJ. NO: 9229C541E LINE NO: 82-21 PART NO: 4 of 4 R.R. 8 x