

South East

ARFR08H-04

STRUCTURE STACK

PERMIT FROSINONE (ANAGNI)

PENTEX ITALIA

## FIELD PARAMETERS

RECORDED BY: G.I.I. DATE SHOT: JUNE-JULY 2008  
PARTY: G.I.I. ENERGY SOURCE: HYDRAPULSE  
INSTRUMENT: AramAries 2.622  
SOURCE CHARACTER: 30 POPS  
NOTCH FILTER: OUT GROUP INTERVAL: 25 M.  
FIELD FILTER: 3 SEC. SHOT INTERVAL: 25 M.  
TAPE FORMAT: SEG. NO. OF CHANNELS: 120  
DATA LENGTH: 4 SECS. SPLIT SPREAD SHOOTING  
SAMPLE RATE: 2 MS. COVERAGE: 60 FOLD NOMINAL  
TAPE: Fujitsu 3490  
GEOPHONE TYPE: Land Geo.GS-32CT.SEG  
PATTERN: 1 STRING 12 GEOPHONES CENTERED ON FLAG  
NEAR OFFSET: 62.5 M. FAR OFFSET: 1587.5 M.

## PROCESSING SEQUENCE

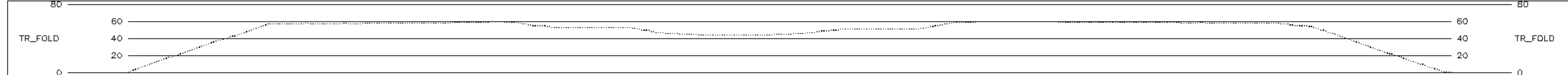
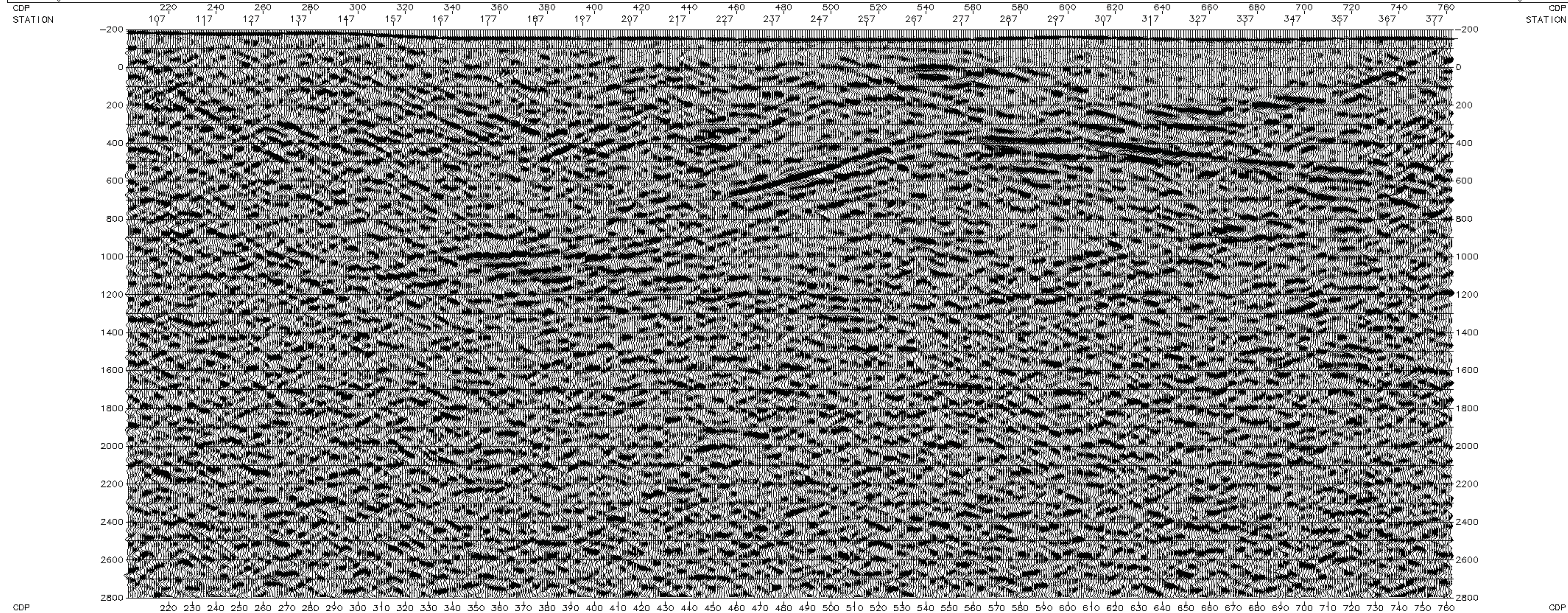
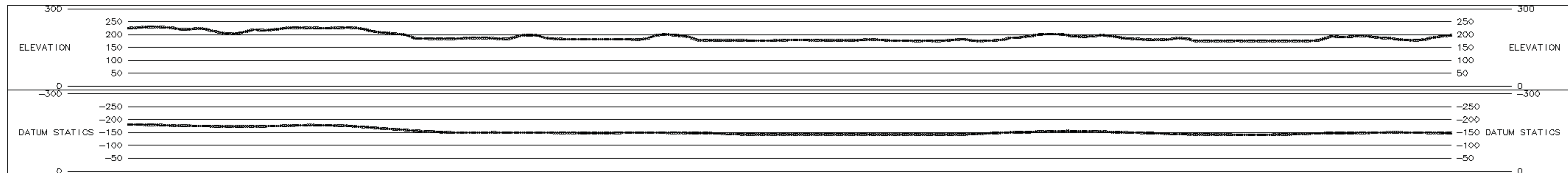
- (1) INPUT DEMULTIPLEX FROM SEG.D
- (2) GEOMETRY ASSIGNMENT  
TRACE AND SHOT RECORD EDITING FROM QC DISPLAYS
- (3) FIELD STATISTICS CORRECTIONS TO FLOATING DATUM PLANE  
REPLACEMENT VELOCITY 2500 M/SEC
- (4) SURFACE WAVE NOISE ATTENUATION
- (5) BAND PASS FILTER TEST
- (6) AMPLITUDE RECOVERY  
SPHERICAL DIVERGENCE CORRECTION
- (7) DECONVOLUTION BEFORE STACK  
SPIKE DECONVOLUTION  
OPERATOR LENGTH: 120 MS. GAP: 32 MS.
- (8) TRACE EQUALISATION  
AGC 500 MS.
- (9) INITIAL VELOCITY ANALYSIS  
VELOCITIES OBTAINED FROM CONSTANT VELOCITY STACKS  
AND SEMBLANCE ANALYSIS
- (10) AUTOMATIC RESIDUAL STATISTICS  
SURFACE CONSISTENT RESIDUAL STATISTICS  
FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS  
MAXIMUM SHIFT: 12 MS.
- (11) SECOND VELOCITY ANALYSIS  
CVS PANELS, AND SEMBLANCE ANALYSIS
- (12) AUTOMATIC RESIDUAL STATISTICS  
SURFACE CONSISTENT RESIDUAL STATISTICS  
FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS  
MAXIMUM SHIFT: 12 MS.
- (13) FINAL VELOCITY ANALYSIS  
VSCAN PANELS
- (14) NORMAL MOVEOUT CORRECTION TIMES TO FLOATING DATUM
- (15) MUTE  
PICKED AND NMO STRETCH
- (16) COMMON DEPTH POINT STRCK 60 FOLD NOMINAL
- (17) COHERENCY ENHANCEMENT  
USING F-X DECONVOLUTION
- (18) TIME VARIANT FILTER  
TIME FREQUENCY  
0.1 SECS. 10-72 HZ.  
0.5 SECS. 8-60 HZ.  
0.8 SECS. 8-40 HZ.
- (19) TRCF EQUALISATION  
AGC 1000 MS.
- (20) STATIC CORRECTION  
FROM FLOATING DATUM TO DATUM = 0.0 M.

PROCESSED BY: AUGUST 2008  
GEOPHYSICAL INSTITUTE OF ISRAEL

## DISPLAY PARAMETERS

Thu Aug 28 13:49:57 2008 Static Shift = -200  
Traces/Centimeters = 8 Centimeters/Second = 10  
Bias Percent = 10 Clip Limit = 3  
Gain Set = 0.7 RMS Amplitude = 1  
Gain Constant = 700

ADVANCE ProMAX



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