

South East

ARFR08H-02B

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 - 164 HZ SHOT INTERVAL 25 M.
 TAPE FORMAT SEG NO. OF CHANNELS 120
 DATA LENGTH 4 SECS
 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.

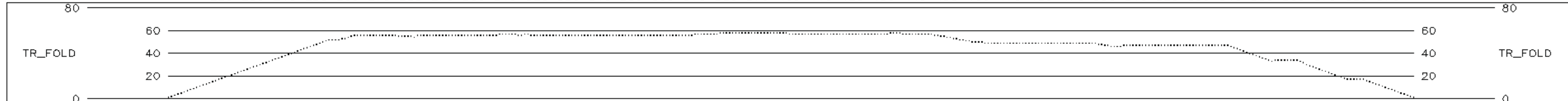
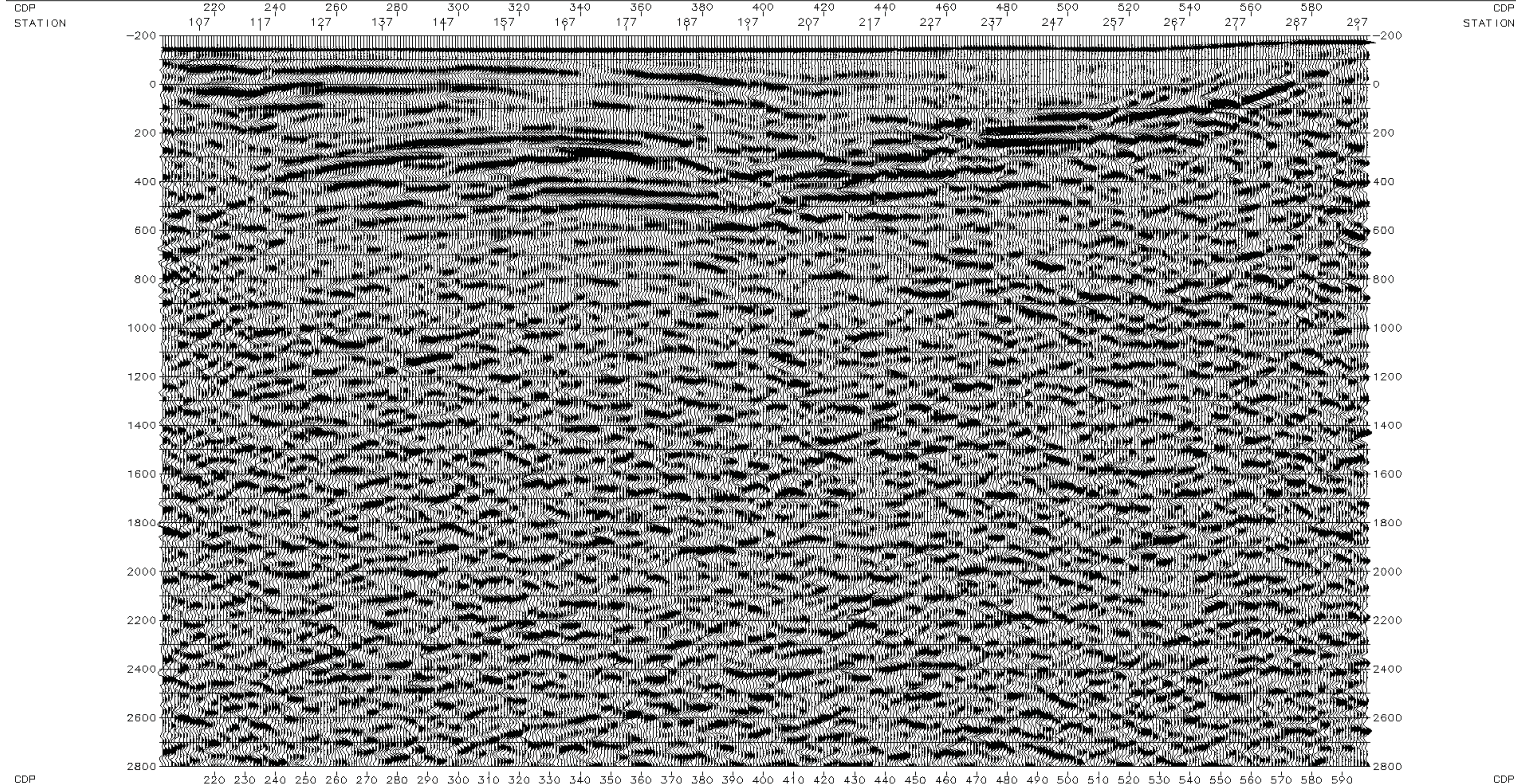
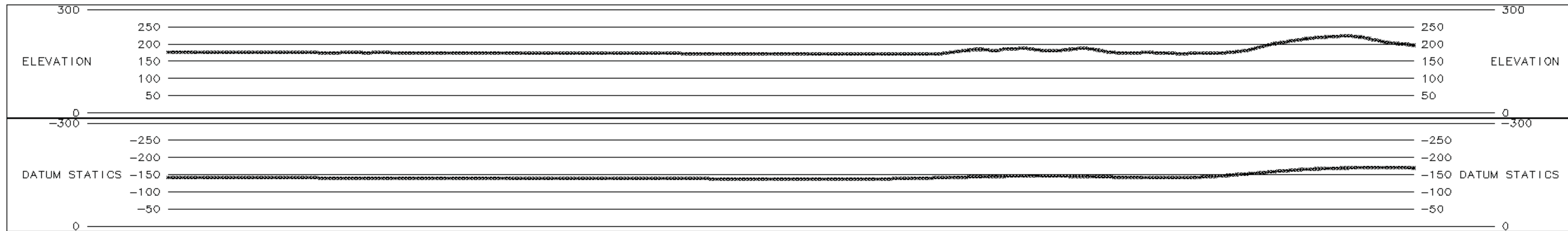
PROCESSING SEQUENCE

- (1) INPUT DEMULTIPLEX FROM SEG0
- (2) GEOMETRY ASSIGNMENT
- (3) TRACE AND SHOT RECORD EDITING FROM QC DISPLAYS.
- (4) FIELD STATICS CORRECTIONS TO FLOATING DATUM PLANE
- (5) REPLACEMENT VELOCITY 2500 M/SEC
- (6) SURFACE WAVE NOISE ATTENUATION
- (7) BAND PASS FILTER TEST
- (8) AMPLITUDE RECOVERY
- (9) SPHERICAL DIVERGENCE CORRECTION
- (10) DECONVOLUTION BEFORE STACK
- (11) SPIKE DECONVOLUTION
- (12) OPERATOR LENGTH : 120 MS. GAP : 32 MS.
- (13) TRACE EQUALISATION
- (14) AGC 500 MS.
- (15) INITIAL VELOCITY ANALYSIS
- (16) VELOCITIES OBTAINED FROM CONSTANT VELOCITY STACKS
- (17) AND SEMBLANCE ANALYSIS
- (18) AUTOMATIC RESIDUAL STATICS
- (19) SURFACE CONSISTENT RESIDUAL STATICS
- (20) FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS
- (21) MAXIMUM SHIFT: 12 MS.
- (22) SECOND VELOCITY ANALYSIS
- (23) CVS PANELS, AND SEMBLANCE ANALYSIS
- (24) AUTOMATIC RESIDUAL STATICS
- (25) SURFACE CONSISTENT RESIDUAL STATICS
- (26) FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS
- (27) MAXIMUM SHIFT: 12 MS.
- (28) FINAL VELOCITY ANALYSIS
- (29) VSCAN PANELS
- (30) NORMAL MOVEOUT CORRECTION TIMES TO FLOATING DATUM
- (31) MUTE PICKED AND NMO STRETCH
- (32) COMMON DEPTH POINT STRCK 60 FOLD NOMINAL
- (33) COHERENCY ENHANCEMENT
- (34) USING F-X DECONVOLUTION
- (35) TIME VARIANT FILTER
- (36) TIME FREQUENCY
- (37) 0.1 SECS. 10-72 HZ.
- (38) 0.5 SECS. 8-60 HZ.
- (39) 0.8 SECS. 8-40 HZ.
- (40) TRRCE EQUALISATION
- (41) AGC 1000 MS.
- (42) STATIC CORRECTION
- (43) FROM FLOATING DATUM TO DATUM = 0.0 M.

PROCESSED BY: AUGUST 2008
 GEOPHYSICAL INSTITUTE OF ISRAEL

DISPLAY PARAMETERS

Thu Aug 28 13:50:59 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



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