

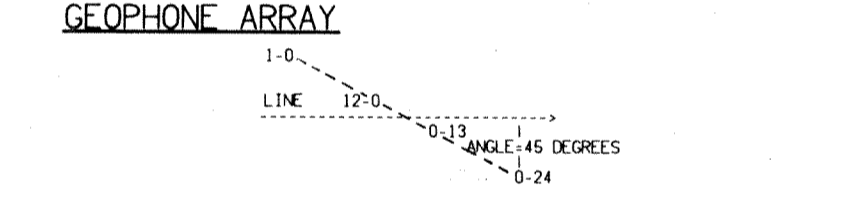
AGIP MINERARIA
 COUNTRY : ITALY
 PROSPECT : ROCCABERNARDA

LINE : RCB-75-02
 SHOTPOINTS 272 TO 1152
 EAST

FILTERED STACK

FIELD RECORDING DATA DISPLAY NO. 95
 RECORDED BY G. S. I. PARTY 693
 DATE RECORDED NOV. 1976 INSTRUMENTS DF54 48 TRACE
 FILTERS HIGH CUT 62HZ LOW CUT 1018 (BYPASS)
 GAIN CONTROL MODE JFP SOURCE DYNAMITE CHARGE 4-8 KG
 NO. OF HOLES SINGLE HOLE HOLE DEPTH 22-32 METRES
 RECORDED DATA LENGTH 6 SECONDS (RECORDING SAMPLE PERIOD 2 MSEC.)
 SPREAD 1740-340-0-340-780
 SEISMOLOGERS/GROUP 24
 SEISMOLOGER TYPE SMA
 GROUP INTERVAL 40 METRES

SHOT PATTERN
 DIRECTION OF PROGRESSION: 36 SP NUMBER INCREASE: 48
 GEOPHONES 36 37 48
 1400 3400 4400



PROCESSING SEQUENCE
 DATA PROCESSED TO 6 SECONDS - SAMPLE PERIOD 4 MSEC.
 1. REFORM
 2. TRUE AMPLITUDE RECOVERY
 3. TIME VARIANT GATED DECONVOLUTION OPERATOR LENGTH 14MM SECS (CAP: 24 M SECS)
 4. TIME VARIANT SCALING (SHOT GATES IN SHALLOW SECTION INCREASING TO THE SECOND SECTION BY 2 SECONDS)
 5. FIELD TRACE EDITING
 6. APPLICATION OF NORMAL MOVEOUT CORRECTION (VELLOC. VELOCITY ANALYSIS) (SURFACE REFERENCED VELOCITIES)
 7. APPLICATION OF FIELD STATISTICS (DATA: SEA LEVEL)
 8. APPLICATION OF RESIDUAL STATISTICS
 9. 6-FOLD COMMON DEPTH POINT STACK
 10. TIME VARIANT FILTERING
 TIME PASSBAND
 2000 12.5-45
 4000 10.0-35
 6000 10.0-35
 11. TIME VARIANT SCALING (250 MSEC. GATES)

DISPLAY
 HORIZONTAL SCALE (1.0 IN) DISPLAY UNIT (0.3 IN)
 VERTICAL SCALE (1.0 IN/SEC)
 DISPLAY GAIN
 50 200 500

20 FEB 1976 PARTY 3682-F-02
 GEOPHYSICAL SERVICE INTERNATIONAL
 (A SUBSIDIARY OF TEXAS INSTRUMENTS INCORPORATED)
 PROCESSED BY TI'S ADVANCED SCIENTIFIC COMPUTER
 AUSTIN, TEXAS, U.S.A.

