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CROP

CNR Eni

CROP ATLAS
SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

LINE : M-32

LOCATION MAP

SCALES:
HORIZONTAL 1: 200,000
VERTICAL 2.5 CM - 1 SEC

DATUM PLANE : SEA LEVEL

<p>RECORDING DATA</p> <p>RECORDING DATE: 1994</p> <p>RECORDING PARAMETERS</p> <p>CONTRACTOR: 052 S.P. G.S. SYSTEM: 5N 558-DK REAR: 17000 MS FILTER: 77 Hz TO 580 Hz SAMPLING INTERVAL: 45 FOLDS COVERAGE: 45 FOLDS</p> <p>SOURCE</p> <p>ENERGY SOURCE: AIRGUN WELL SOURCE DEPTH: 35 M TOTAL VOLUME: 4908 CU IN NO. OF SUBARRAYS: 8 N. GUNS FOR SUBARRAY: 8</p> <p>CABLE</p> <p>SINGLE STRAWER: 4500 M NO. OF BRUSHES: 288 BRUSH GROUP INTERVAL: 25 M NO. OF CABLE DEPTH: 12 M</p> <p>BOAT DIAGRAM</p> <p>LEGEND</p> <p>INTERSECTION</p> <p>COMMENTS</p> <p>RECORDING CONVENTION: RECORDING: COMPRESSION NEG. NUMBER DISPLAY: COMPRESSION PULSE THROUGH</p> <p>PLAYBACK</p> <p>11 TRACES EVERY 4 IS PLOTTED RESAMPLING: 100% 10MS TRACE EQUALIZATION: VA</p>	<p>PROCESSING SEQUENCE</p> <p>PROCESSING DATE: 1994</p> <p>1 SEG TO PHOENIX VECTOR CONVERSION</p> <p>REFORMATS</p> <p>1 RE-SAMPLING - TIME SAMPLING TO 4 MS</p> <p>TIME BREAK CORRECTION</p> <p>- 10 MS PULL UP DUE TO AIRGUN DELAY</p> <p>GEOMETRY UPDATE</p> <p>DEFILTER</p> <p>3/24 - OUT HZ/20</p> <p>AMPLITUDE RECOVERY</p> <p>SPHERICAL DIVERGENCE CORRECTION BY 24 SEGMENTATION REFERRED TO SEABOTTOM DEPTH</p> <p>PHASE CORRECTION</p> <p>INSTRUMENT RESPONSE TO MINIMUM PHASE</p> <p>ADJACENT TRACE SUB</p> <p>APPLIED ON SHOT DOMAIN WITH CORRECTION TO 08 TRACES AFTER 24 SEGMENT</p> <p>ARRAY STIMULATION</p> <p>5 TRACE MIXED WEIGHTS 10-30-100-08-15%</p> <p>DECONVOLUTION</p> <p>TYPE: PREDICTIVE MIN PHASE INV FILTER 4 AND 100 OF 40-300 MS</p> <p>PRE-TERTIARY VELOCITY ANALYSIS</p> <p>INTEGRATED VELOCITY DISPLAY ANALYSIS LOCATION EVERY 10 KM</p> <p>N-V B MULTIPLE ATTENUATION</p> <p>SPR F FILTER APPROACH IN COP DOMAIN (PRIMARY EVENTS OVERCORRECTED)</p> <p>FINAL VELOCITY ANALYSIS</p> <p>INTEGRATED VELOCITY DISPLAY 105 VELOCITIES BASED ON 28 STACK-COP CORRELATION RATIO ANALYSIS LOCATION EVERY 5 KM</p> <p>NO / STACK #5000</p> <p>COP ORDERED DATA AND CORRECTED</p> <p>OUTSIDE MUTE APPLIED TO REMOVE STRETCHED DATA AND REFRACTED SIGNALS INSIDE AFTER 11500 M STARTING ABOVE FIRST WATER BOTTOM MULTIPLE</p> <p>WATER BOTTOM</p> <p>WATER BOTTOM 2-3-30-40 HZ TRIANGULAR TIME 2-3-30-20 HZ TRIANGULAR LINE 1 & 2 dependent on water bottom Multiples period</p> <p>TRAINING STAFFERS</p> <p>13 MS CABLE AND SUM CORRECTION</p>
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