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CROP

CROP ATLAS

SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

LINE : M-12A

LOCATION MAP

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

DATUM PLANE : SEA LEVEL

RECORDING DATA	PROCESSING SEQUENCE
RECORDING DATE: 1991	PROCESSING DATE: 1993
RECORDING PARAMETERS	REFORMAT
CONTRACTOR: OGS	-SEG TO PHOENIX VECTOR CONVERSION
VESSEL: OGS EXPLORA	RESAMPLING
SYSTEM: SN 358-DW8	-TIME SAMPLING TO 8 MS
RECORD LENGTH: 17000 MS	TIME BREAK CORRECTION
FILTER: L.C. OUT	-10 MS PULL UP DUE TO AIRGUN DELAY
SAMPLING INTERVAL: 4 MS	GEOMETRY UPDATE
COVERAGE: 25 FOLD	PREFILTER
SOURCE	-WIND @ 0.8 17.4 SEC 3.24 - OUT HZ/DB
ENERGY SOURCE: AIRGUN	TRACE BALANCE
AVG. SOURCE DEPTH: 7 M	-COMPUTATION WINDOW 7000-12000 MS
SHOT INTERVAL: 50 M	AMPLITUDE RECOVERY
N. OF SUBARRAYS: 9	-SPHERICAL DIVERGENCE
N. GUNS FOR SUBARRAY: 4900 CU INC	F-K FILTER
TOTAL VOLUME: 4900 CU INC	-IN SHOT DOMAIN -0-18 MS/TR PASS
CABLE	DECONVOLUTION
SINGLE STREAMER: 4500 M	-TYPE: PREDICTIVE MIN PHASE INV. FILTER
N. OF GROUPS: 180	OP 48-256 MS
HYDROPHONES FOR GROUP: 32	WATER BOTTOM MULTIPLE VELOCITY ANAL.
GROUP INTERVAL: 25 M	ON DISPLAY: PLOTTING BY WATER BOTTOM
AVG. CABLE DEPTH: 1.4 M	MULTIPLE VELOCITY FUNCTIONS
BOAT DIAGRAM	WATER BOTTOM MULTIPLE ATTENUATION
	-KARHUNEN LOEVE FILTERING ON MULTIPLE
LEGEND	AND CORRECT TO GUN GATHERS
INTERSECTION	AND REMOVAL AFTER FILTERING
COMMENTS	VELOCITY ANALYSIS
POLARITY CONVENTION	-CONSTANT VELOCITY STACK: 20 GPP'S
RECORDING: COMPRESSION NEG. NUMBER	DISPLAY OF CONSTANT VELOCITY
PROCESSING: COMPRESSION NEG. NUMBER	CORRECTED GENERAL GATHER
DISPLAY: COMPRESSION PULSE THROUGH	-NUMBER OF VELOCITIES TESTED: 48
PLAYBACK	NON 7 STACK 4500%
-1 TRACES EVERY 4 IS PLOTTED	-CDF ORDERED DATA AND CORRECTED
-PRESENTATION: VA	WITH FINAL VELOCITIES
-RMS TRACE EQUALIZATION	-SPLITTING ROUTE APPLIED TO REMOVE
	STRETCHED DATA AND REFRACTED SIGNALS
	INSIDE PLOT (14 TRACES) STARTING
	ABOVE FIRST WATER BOTTOM MULTIPLE
	TIME VARIANT FILTER
	ABOVE FIRST SB MULTIPLE 1-2-25-35 HZ
	BELOW FIRST SB MULTIPLE 1-3-15-25 HZ
	GATHER STATISTICS
	14 MS CABLE AND GUN CORRECTION

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