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CROP

CROP ATLAS

SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

LINE : M-14

LOCATION MAP

Projection: Gauss-Bouge (Bornewick-Meyer), East Zone
Spheroid: Hayford 1909 / International 1924 - Datum: Roma 1940
Longitude is referred to the Roma Meridiano (former national astronomical observatory)

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

DATUM PLANE : SEA LEVEL

RECORDING DATA		PROCESSING SEQUENCE	
RECORDING DATE: 1995		PROCESSING DATE: 1997	
RECORDING PARAMETERS		CODE-4 CONVERSION	
CONTRACTOR: 0. C. S.	VESSEL: 6710NA	*SEG TO CODE4 CONVERSION	
SYSTEM: SN 358-DMX	SYSTEM LENGTH: 17000 MS	RESAMPLING	
FILTER L.C.: 77 Hz 70 08/01	SAMP. INT. INTERVAL: 4 MS	-TIME SAMPLING TO 8 MS	
COVERAGE: 45 FOLD		GEOMETRY UPDATE	
SOURCE		PREFILTER	
ENERGY SOURCE: AIRGUN	AVG. SOURCE DEPTH: 8 M	*WIND 0.0 17.9 SEC 2/24 OUT HZ/DB	
HYDROPHONES FOR GROUP: 32	SHOT INTERVAL: 50 M	ARRAY SIMULATION	
CABLE		*APPLIED ON SHOT DOMAIN WITH 2 WND	
SINGLE: 4500 M	N. OF GROUPS: 130	*8 SEC FROM S. B. 10/0.20/0.25/0.20/0.10	
GROUP INTERVAL: 25 M	WIND CABLE DEPTH: 12 M	*CHANNELS REDUCTION TO 90	
BOAT DIAGRAM		TRACE EQUALIZATION	
		*OUTPUT RMS LEVEL: 512-1024 MS	
LEGEND		DECONVOLUTION	
COMMENTS		*TYPE: PREDICTIVE PHASE INV. FILTER	
POLARITY CONVENTION		*ANALYSIS INTERVAL: 15 KM	
RECORDING: COMPRESSION NEG. NUMBER		*TRACES BALANCE TO RMS 2000	
PROCESSING: COMPRESSION NEG. NUMBER		PRELIMINARY VELOCITY ANALYSIS	
DISPLAY: COMPRESSION PULSE TROUGH		*VARIABLE PARAMETERS BY	
PLAYBACK		INTERACTIVE WORK-STATION	
*1 TRACES EVERY 4 IS PLOTTED		ANALYSIS INTERVAL: 5 KM	
*PRESENTATION: 124110		*CDP'S USED: 11	
*RMS TRACE EQUALIZATION		MULTIPLE ATTENUATION	
		*FK DOMAIN FILTER	
		*APPLIED ON CDP GATHERS AND CORRECTED	
		BY MULTIPLE VELOCITY FIELD AND	
		PASS ONLY NEGATIVE EVENTS	
		VELOCITY ANALYSIS	
		*VARIABLE PARAMETERS BY	
		INTERACTIVE WORK-STATION	
		ANALYSIS INTERVAL: 5 KM	
		*CDP'S USED: 11	
		NMO / STACK 4500%	
		*CDF ORDERED DATA AND CORRECTED	
		WITH FINAL VELOCITIES	
		*OUTSIDE ROUTE APPLIED TO REMOVE	
		STRETCHED DATA AND REFRACTED SIGNALS	
		INSIDE ROUTE	
		ZERO PHASE CONVERSION	
		*OPERATOR STATISTICALLY COMPUTED	
		F-K FILTER	
		*STARTING ABOUT 2.127-48 MS/TR REJECT	
		*FROM 5.0	
		MULTICHANNEL FILTER	
		*APPLIED ON STACK DATA	
		*RADIAL PREDICTIVE FILTER (RPF)	
		WIND 0.0-1.3 SEC. DIP -9/+9 MS/TR	
		*TIME VARIANT FEEDBACK: 80%	
		TIME VARIANT FILTER	
		*3.0 5.0 2/24 35/48 HZ-DB/OCT	
		*17.0 5.0 2/36 35/48 HZ-DB/OCT	

Data processed by: AGIP
Cgm file generated by: ENI-AGIP DIVISION

