

Publication sponsored by
SERVIZIO GEOLOGICO D'ITALIA

CROP

CNR Eni Enel

CROP ATLAS

SEISMIC REFLECTION PROFILES
OF THE ITALIAN CRUST

LINE : M-39

LOCATION MAP

Projection: Gauss-Bouge (Transverse Mercator), East Zone
Spheroid: Hayford 1909 International 1903 - Datum: Roma 1902
Longitude is referred to the Aperta Italia (Italian) national astronomical observatory

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

DATUM PLANE : SEA LEVEL

RECORDING DATA		PROCESSING SEQUENCE	
RECORDING DATE: AUGUST, 1995		PROCESSING DATE: MAY 1996	
RECORDING PARAMETERS		CODE - 4 CONVERSION	
CONTRACTOR: 0651 0-0-5		-REGO TO CODE CONVERSION	
VESSELS: 99 EPFLORA		RESAMPLING	
SYSTEM: SN 358-DWS		-1 TIME SAMPLING TO 8 MS	
RECORD LENGTH: 17000 MS		GEOMETRY UPDATE	
FILTER: 77 62 70 09 001		-PRE FILTER	
SAMPLING INTERVAL: 40 MS		-SND 0.8 17.0 SEC 2724 - OUT HZ/DB	
COVERAGE: 45 FOLD		ARRAY SIMULATION	
SOURCE		-APPLIED ON SHOT DOMIN WITH 2 SND	
ENERGY SOURCE: AIRGUN		2 SEC FROM 5.0	
AVG. SOURCE DEPTH: 8 M		-S 10/0 20 0 25/0 30/0 35	
N. GUNS FOR SUBARRAY: 8		-CHANNELS REDUCTION TO 90	
N. MICROPHONES FOR GROUP: 8		TRACE EQUALIZATION	
SHOT INTERVAL: 50 M		-GAIN RMS LEVEL 512-1024 MS	
CABLE		-WINDOWS 1024-1024 MS	
S. SINGLE STREAMER: 4500 M		DECONVOLUTION	
N. OF GROUPS: 10		-1 WVD PREDICTIVE FEN PHASE INV. FILTER	
N. MICROPHONES FOR GROUP: 8		-TRACES BALANCE TO RMS 2800	
GROUP INTERVAL: 15 M		DEPTH-INTENSITY VELOCITY ANALYSIS	
AVG. CABLE DEPTH: 12 M		-VARIABLE PARAMETERS 01	
BOAT DIAGRAM		-INTERACTIVE WORK-STATION	
S. BOAT: 4475 M		-ANALYSIS INTERVAL: 15 MS	
ENERGY SOURCE: AIRGUN		-COP'S USED 11	
LEGEND		MULTIPLE ATTENUATION	
- INTERSECTION		-F/R DOMAIN FILTER	
COMMENTS		-APPLIED ON COP GATHERS WHO CORRECTED	
QUALITY CONVENTION		BY MULTIPLE VELOCITY FIELD AND	
RECORDING COMPRESSION NEG. NUMBER		PASS ONLY NEGATIVE EVENTS	
PROCESSING COMPRESSION NEG. NUMBER		VELOCITY ANALYSIS	
DISPLAY : COMPRESSION PULSE TROUGH		-PARTIAL VELOCITY	
PLAYBACK		-INTERACTIVE WORK-STATION	
-1 TRACES EVERY 4 IS PLOTTED		-ANALYSIS INTERVAL: 5 MS	
PRESENTATION: VA		-COP'S USED 11	
-RMS TRACE EQUALIZATION		NMO STACK CROSS	
		-COP ORDERED DATA WHO CORRECTED	
		WITH FINAL VELOCITIES	
		-RADIATION PULSE APPLIED TO REMOVE	
		STRETCHED DATA AND REFRACTED SIGNALS	
		-RADIATION PULSE	
		ZERO PHASE CONVERSION	
		-OPERATOR STATISTICALLY COMPUTED	
		F-K FILTER	
		-STARTING ABOUT 2 SEC FROM 5.0	
		--12--40 MS/TR REJECT	
		MULTI CHANNEL FILTER	
		-APPLIED ON STACK DATA	
		-RADIATION PREDICTIVE FILTER (RRF)	
		-RADIATION PULSE APPLIED TO REMOVE	
		THE VARIANT FEEDBACK.....88%	
		ANTI-VARIANT FILTER	
		S. B. 2/24 = 48/48 HZ-DB/OCT	
		S. N. S. 2/24 = 48/48 HZ-DB/OCT	
		S. P. S. 2/24 = 48/48 HZ-DB/OCT	

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

