PLATE 16 - Attached to: Memorie Descrittive della Carta Geologica d'Italia VOL. LXII

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CROP

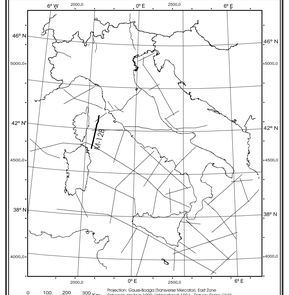
CNR Eni Enel

CROP ATLAS

SEISMIC REFLECTION PROFILES OF THE ITALIAN CRUST

LINE : M-12B

LOCATION MAP



Projection: Gauss-Boaga (Transverse Mercator, East Zone
Spheroid: Hayford 1909 (International 1924) - Datum: Roma 940
Longitude is referred to the Monte Mario (Rome) astronomical (astronomical observatory)

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

DATUM PLANE : SEA LEVEL

RECORDING DATA

RECORDING DATE: 1991

RECORDING PARAMETERS

CONTRACTOR ..... C.G.G.
VESSEL ..... OGS BAPLIDRA
SHOT INTERVAL ..... 24 SECONDS
RECORD LENGTH ..... 7000 MS
FILTER L-C ..... OUT
H-C ..... 77 HZ 75 DB/OCT
SAMPLING INTERVAL ..... 2 MS
SPREAD ..... 48 FOLD

SOURCE

ENERGY SOURCE ..... AIRGUN
AVG. SOURCE DEPTH ..... 10 M
AVG. INTERDUCE ..... 50 M
N. OF SUBARRAYS 2
N. GUNS FOR SUBARRAY 3
TOTAL VOLUME ..... 4906 CU. IN

CABLE

SINGLE
STREAMER ..... 4500 M
N. OF STREAMERS 1
HYDROPHONES PER GROUP 12
GROUP INTERVAL ..... 75 M
AVG. CABLE DEPTH ..... 8 M

BOAT DIAGRAM

LEGEND

▼ INTERSECTION

COMMENTS

POLARITY CONVENTION

ACCORDING TO SEG STANDARDS - REVISED 1979
RECORDING : COMPRESSION NEG. NUMBER
PROCESSING : COMPRESSION NEG. NUMBER
DISPLAY : COMPRESSION PULSE TROUGH

PLAYBACK

F1-TRACES EVERY 4 (5 PLOTTED
-PRESENTATION ..... VA
-RMS TRACE EQUALIZATION

PROCESSING SEQUENCE

PROCESSING DATE: 1993

DEFORMA
-SEGD TO PHOENIX VECTOR CONVERSION

DEGAUSS-LOW
-TIME SAMPLING 10 M MS

FINE DELAY CORRECTION
-18 MS FULL UP SUB TO AIRGUN DELAY

GEOMETRY UPDATE

DEBFILTER
-WND 8-8 17.8 SEC 2/20 - OUT HZ/DB

PRIME BULDING
-COMPUTATION WINDOW 7000-12000 MS

AMPLITUDE RECOVERY
-SPHERICAL DIVERGENCE

F-K FILTER
-IN SHOT DOMAIN 4/18 WEITE PASS

PREDONVOLUTION
-TYPE: PREDICTION DISTANCE 240 / FILTER LENGTH 480 - 48-1024 MS

WATER BOTTOM MULTIPLE VELOCITY ANAL
-WATER BOTTOM MULTIPLE VELOCITY BOTTOM MULTIPLE VELOCITY FUNCTIONS

WATER BOTTOM MULTIPLE ATTENUATION
-WAVE-ZERO PHASE FILTERING ON MULTIPLE
-WMS CORRELATE FOR FILTERING
-WMS ALPHA: 1 FOR FILTERING

VELOCITY ANALYSIS
-CONSTANT VELOCITY STACK TOP 5
-DISPLAY CONTINUOUS VELOCITY
-NUMBER OF VELOCITIES TESTED: 48

TIME-VARIANT FILTER
-TYP. HIGH CUT FILTER 60 HZ
-WITH ALL ATTENUATION ON MULTIPLE
STRETCHING DATA AND REFRACTED SIGNALS
-WITH ALL ATTENUATION ON MULTIPLE BOTTOM
ABOVE FIRST WATER BOTTOM MULTIPLE

TIME VARIANT FILTER
ABOVE FIRST WATER BOTTOM MULTIPLE 1-2-70-28 HZ
BELOW FIRST WATER BOTTOM MULTIPLE 1-2-70-28 HZ

REVERSE POLARITY
14 MS CABLE AND GUN CORRECTION

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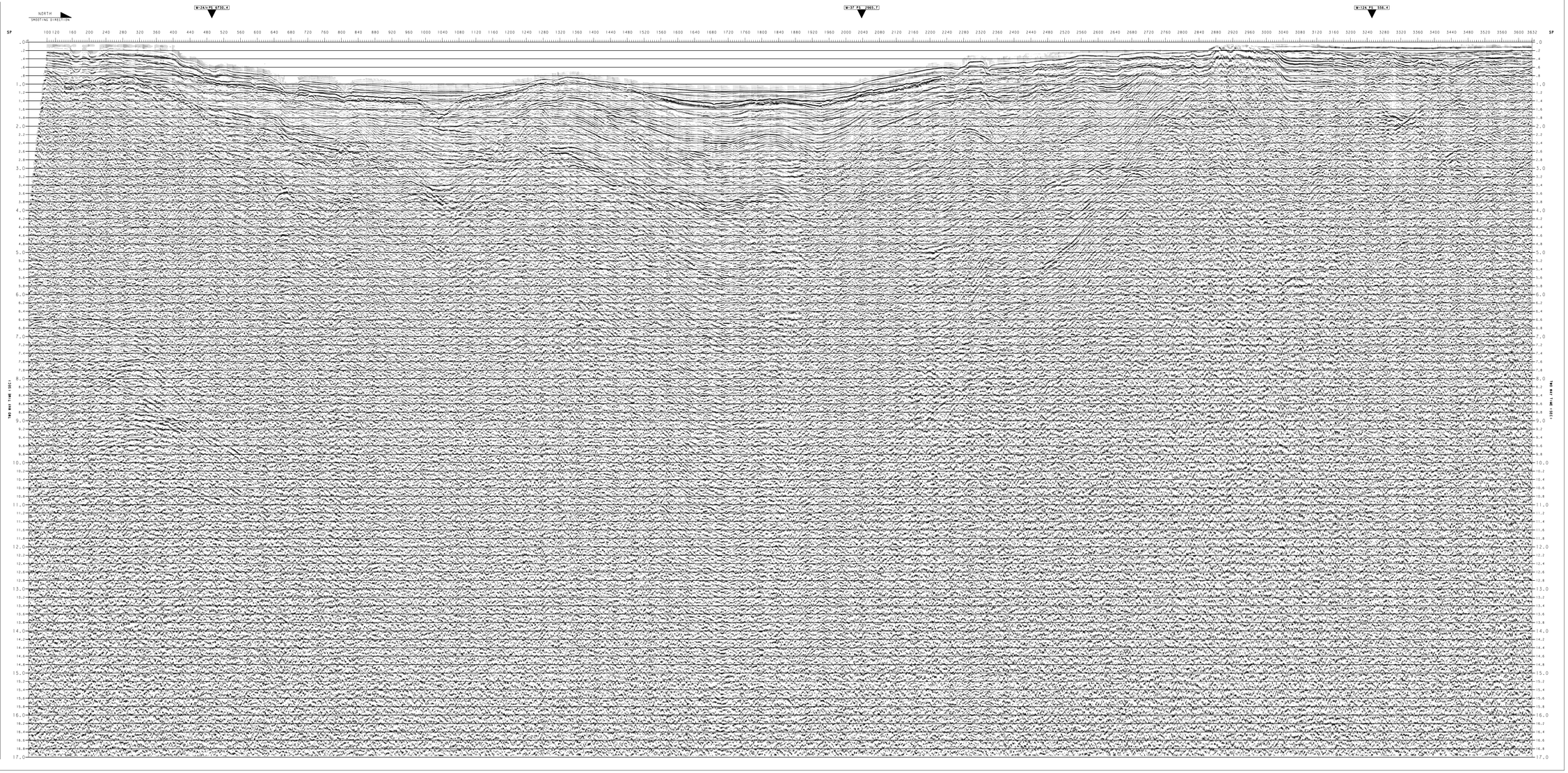
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