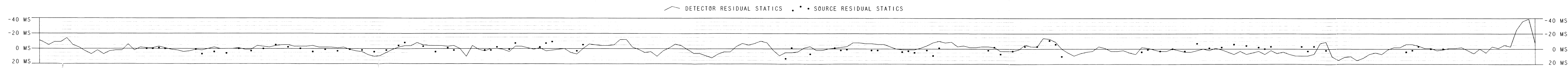
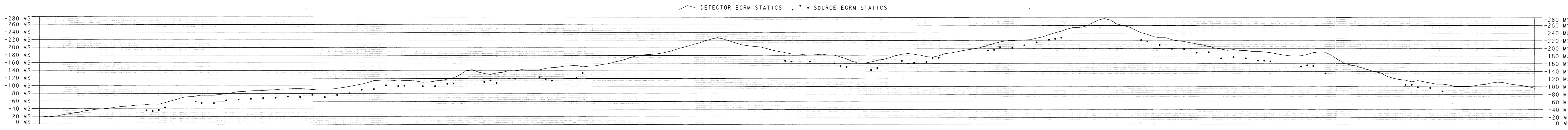
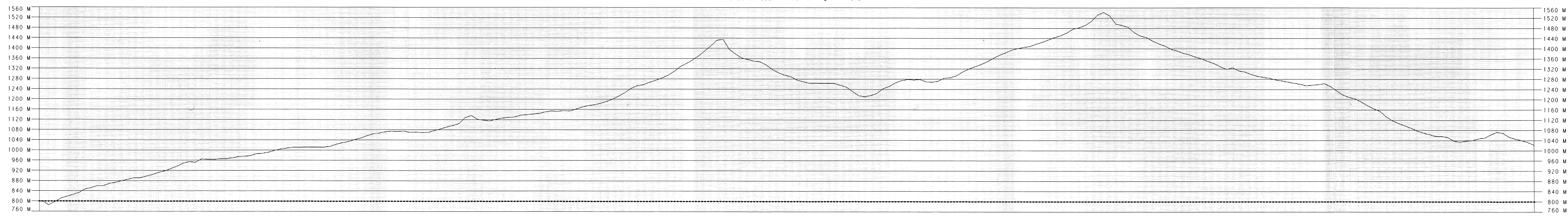


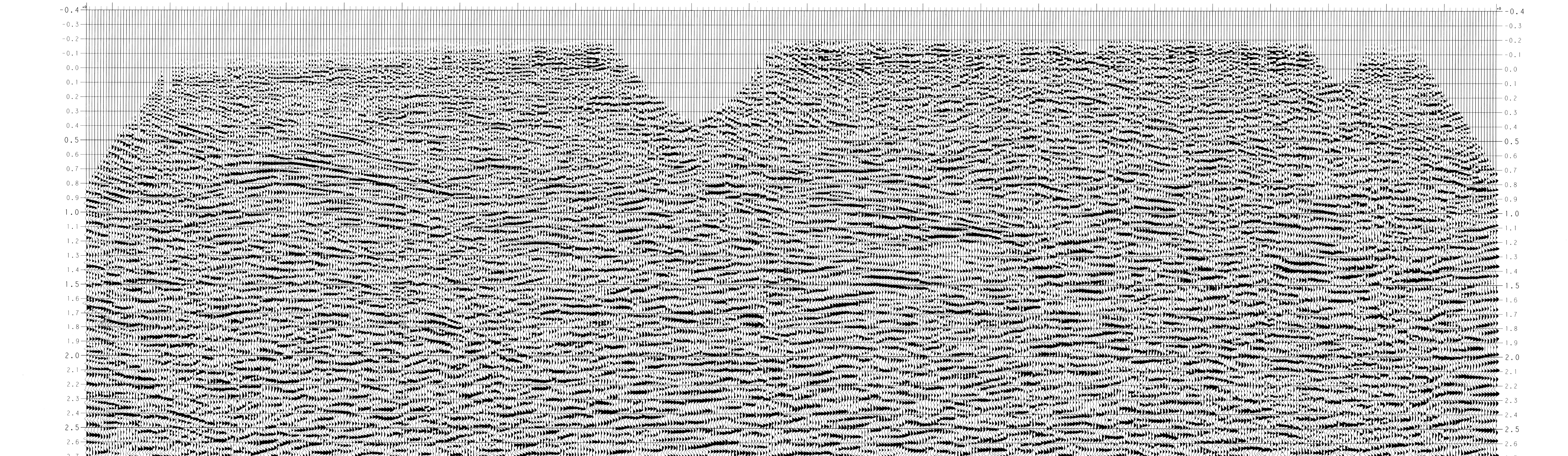
QDR-02-83
DBS, 750% DMO STACK,
TVF, GAIN



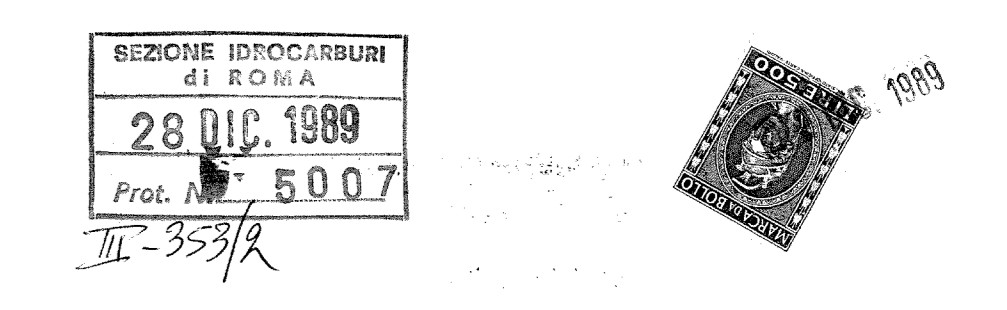
STATION	DEPTH (M)	CHARGE (KG)	DEPTH (M)	CHARGE (KG)	DEPTH (M)	CHARGE (KG)	DEPTH (M)	CHARGE (KG)	DEPTH (M)	CHARGE (KG)
110	175.0	1.0	130	313.3	1.0	150	225.0	1.0	210	210.0
120	175.0	1.0	140	313.3	1.0	160	225.0	1.0	220	210.0
130	175.0	1.0	150	313.3	1.0	170	225.0	1.0	230	210.0
140	175.0	1.0	160	313.3	1.0	180	225.0	1.0	240	210.0
150	175.0	1.0	170	313.3	1.0	190	225.0	1.0	250	210.0
160	175.0	1.0	180	313.3	1.0	200	225.0	1.0	260	210.0
170	175.0	1.0	190	313.3	1.0	210	225.0	1.0	270	210.0
180	175.0	1.0	200	313.3	1.0	220	225.0	1.0	280	210.0
190	175.0	1.0	210	313.3	1.0	230	225.0	1.0	290	210.0
200	175.0	1.0	220	313.3	1.0	240	225.0	1.0	300	210.0
210	175.0	1.0	230	313.3	1.0	250	225.0	1.0	310	210.0
220	175.0	1.0	240	313.3	1.0	260	225.0	1.0	320	210.0
230	175.0	1.0	250	313.3	1.0	270	225.0	1.0	329	210.0

STN 85 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 329 STN

CDP 171 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 658 CDP



LINE : QDR-02-83
STN 71 TO STN 344
SP 100 TO SP 314
SOUTHEAST
EGRM, DBS, 750% DMO STACK,
RPF, TVF, GAIN



TOTAL

MINERARIA

PERMIT
**MONTENERODOMO
ITALY**

WESTERN
GEOPHYSICAL

W.G.C. CONTRACT.....OCTOBER, 1983
DATE SHOT.....MAY 1985
SHOT BY.....
PROCESSED IN IGE.....MAY 1985
DATABASE.....034108
STACK REEL NO.....387615

RECORDING DATA

RECORDING PARAMETERS

RECORDING INSTRUMENT.....S.D.S.V.
RECORD LENGTH.....6 SECONDS
RECORDING FILTER.....12.0-128 Hz
SAMPLING RATE.....20 M
RECORDING TAPE FORMAT.....SEG 8 8250 BPI

SOURCE

SOURCE.....DYNAMITE
NO. OF HOLES/SP.....10 KG
DEPTH OF CHARGE.....20 M
S.P. INTERVAL.....200 M

RECEIVER

NUMBER OF GROUPS.....400
GEOPHONES PER GROUP.....24
GEOPHONE TYPE.....S.M. SP 1000
GROUP INTERVAL.....50 M

SPREAD DIAGRAM

AREA MAP

PROCESSING SEQUENCE

EDIT/MULTIPLY

ALL PRIMES DISPLAY
EDIT OUT BAD TRACES

PREPROCESSOR

1 SUB-SAMPLE BY 4
2 GEOMETRIC SPREADING FUNCTION
3 TRACE SEGMENTATION
4 DATUM PLANE.....800 M

SURFACE CONSISTENT DECONVOLUTION

1 MAIN PHASE INVERSE FILTER
2 NO. OF WINDOWS.....20 MS
3 MIN PREDICTIVE.....20 MS
4 ACTIVE OPERATOR LENGTH.....100 MS
5 COMMON DEPTH POINT GATHER
6 TRACE BALANCE

REFRACTION STATICS UPDATE

BASED ON EGRM TECHNIQUE

VELOCITY ANALYSIS

CONSTANT VELOCITY STACK PANELS
ON 15 CDP'S FOR 30 VELOCITIES

AUTO RESIDUAL STATISTICS WISER

WINDOW.....500-3000 MS
MAX STRETCH.....24 MS

VELOCITY ANALYSIS

CONSTANT VELOCITY STACK PANELS
ON 15 CDP'S FOR 30 VELOCITIES

AUTO RESIDUAL STATISTICS WISER

WINDOW.....200-2000 MS
MAX STRETCH.....20 MS

VELOCITY ANALYSIS

CONSTANT VELOCITY STACK PANELS
ON 15 CDP'S FOR 30 VELOCITIES

STATICS NMO-MUTE

500% STRETCH
FINAL VELOCITIES

RADIAL PREDICTIVE FILTER

TIME VARIAN FILTERS

TIME (SEC)	10	20	30
0.500	14/24	45/72	
1.000	12/24	40/72	
1.500	10/24	35/72	
2.000	10/24	30/72	

TRACE EQUALIZATION

RMS GAIN 200-400 MS WINDOW

PI (TRACE)

GEOSPACER PLOTTER.....G4710
PRESENTATION.....1A/50
GAIN.....1.00
BIAS.....0.00
DISPLAY POLARITY.....NORMAL

LEGEND

VELOCITY FUNCTION
INTERSECTIONS
D.C. FOR W.G.C.