CH-476-86

S.P. 121 TO S.P. 359

SE

1200PCT DBS-MIG-TVF

1 0 1

1.0KM

SORI

WESTERN RICERCHE GEOFISICHE

MILAN - ITALY

AREA ITALIA
PERMIT PUNTA DELLA PENNA

DATE SHOT APRIL/1986
DATE PROCESSED.....SEPTEMBER /1986

RECORDING DATA

CONTRACTOR.....GLOBE EXPL.
PARTY NUMBER.....GLOBE-4
RECORDING SYSTEM.....SEG-B
SAMPLE RATE.....2 MS
RECORD LENGTH.....7 SEC
L.C.FILTERS.....10HZ-24DB/OCT
ANTIALIAS FILTERS.....107HZ-62DB/OCT
NOTCH FILTER.....OUT

SUBSURFACE COVERAGE.....1200 PCT
GROUP INTERVAL.....30 M
NUMBER OF GROUPS.....96

VEL. USED FOR STAT. CORR.....1700 M/S
DATUM PLANE ELEVATION.....SEA LEVEL

UPWARD GROUND MOTION = NEGATIVE NUMB. ON TAPE

SPREAD DIAGRAM

0 48 96
15M 15M
1425M 1425M

CENTRE OF SOURCE ARRAY
DIRECTION OF LINE SOUTH-EAST

GEOPHONE PATTERN DIAGRAM

GEOPHONE/GROUP 12
GEOPHONE TYPE/HZ SM-4B/10HZ

X = 50 M Y = 6 M Z = 5 M

SOURCE

ENERGY SOURCE.....DYNAMITE
SOURCE PATTERN.....SINGLE SHOT
AVERAGE SHOT DEPTH.....30 M
AVERAGE SHOT CHARGE.....5-10 KG

PROCESSING SEQUENCE

1 EDIT GEOPHONE AMPLITUDE
S.R.=4 MS. LENGTH=7 SEC.

2 TIME VARIANT FILTER
VERTICAL INTERPOLATION
100 MS 10/OUT HZ 18/OUT DB
7000 MS 10/OUT HZ 18/OUT DB

3 PREPROCESSOR/DECON
MINIMUM PHASE INSTRUMENT SHAPING
GEOMETRICAL SPREADING GAIN APPLIED
DECON TYPE MINIMUM PHASE INVERSE FILTER
N. OF WINDOWS 3 W.L.: PCT
MIN. PRED. DIST 24-160MS ON 1ST WINDOW
MIN. PRED. DIST 36-160MS ON 2ND WINDOW
MIN. PRED. DIST 36-160MS ON 3RD WINDOW

4 SURF.CONSISTENT RESID. STATICS.

5 VELOCITY ANALYSIS

6 NMO-STATICS-MUTE APPLICATION
STRETCHING DEPENDENT MUTE 150PCT

7 SURF.CONSISTENT RESID. STATICS.

8 CDP CONSISTENT RESID. STATICS.

9 STACK 1200 PCT
TAPE CONVERSION TO SEGY FORMAT

10 ZERO PHASE CONVERSION
STATISTICAL APPROACH

11 AMS GAIN

12 MIGRATION FINITE DIFFERENCE
STK VELOCITY REDUCED BY 10 PCT

13 TIME VARIANT FILTER
VERTICAL INTERPOLATION
100 MS 18-70 HZ 24/48 DB
1500 MS 14-56 HZ 24/48 DB
3200 MS 10-44 HZ 24/48 DB
5200 MS 10-36 HZ 24/48 DB

14 PLAT BACK
PLOT DIRECTION L.TO R.
NEGATIVE NUMBERS = WHITE TROUGHS

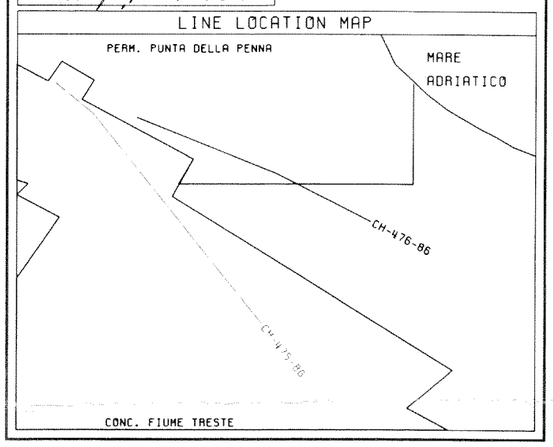
LEGEND

V VELOCITY ANALYSIS

INTERSECTIONS

ANALYST ..... DATE 25/9

LINE LOCATION MAP



All.4

MARCA DA BOLLO
LIRE 500

SP 145.50		
TIME	AVG VEL	DIS INT
0.09	1940	1940
0.40	2110	2157
0.52	2280	2722
0.73	2430	2767
0.85	2500	2890
0.90	2570	3555
1.15	2700	3124
1.59	2940	3480
2.52	3400	4782
3.29	4000	4801
5.01	4490	5203
7.00	4990	6069

CH-368-80
SP 1219

SP 189.50		
TIME	AVG VEL	DIS INT
0.29	1930	1930
0.58	2060	2227
0.89	2300	2521
1.14	2430	3156
1.70	2590	2888
2.22	3360	5125
2.90	3790	4940
5.00	4550	5427
7.00	5040	6095

CH-423-83
SP 429

CH-466-84
SP 259

SP 228.50		
TIME	AVG VEL	DIS INT
0.09	1740	1740
0.39	2010	2084
0.52	2100	2349
0.80	2300	2631
1.15	2480	2849
1.39	2530	2908
1.69	2910	3890
1.83	3350	4991
2.98	3930	4945
3.82	4510	5243
7.00	5030	6155

CH-456-84
SP 149

SP 290.50		
TIME	AVG VEL	DIS INT
0.10	1860	1860
0.25	1980	2056
0.42	2110	2288
0.55	2100	2067
0.65	2300	3183
0.79	2440	2517
0.94	2470	3065
1.19	2580	3553
1.35	2680	3530
1.50	2750	3622
1.98	3250	4465
2.79	3900	5155
3.00	4510	5174
7.00	4970	5967

SP 341.00		
TIME	AVG VEL	DIS INT
0.10	1890	1890
0.30	1990	2038
0.43	2080	2274
0.57	2130	2677
0.88	2380	2782
1.14	2590	3280
1.40	2905	3880
1.65	3100	4562
1.85	3390	4817
2.81	3850	4556
3.01	4420	5255
7.00	4930	6026

CH-368-80
SP 1219

CH-423-83
SP 429

CH-466-84
SP 259

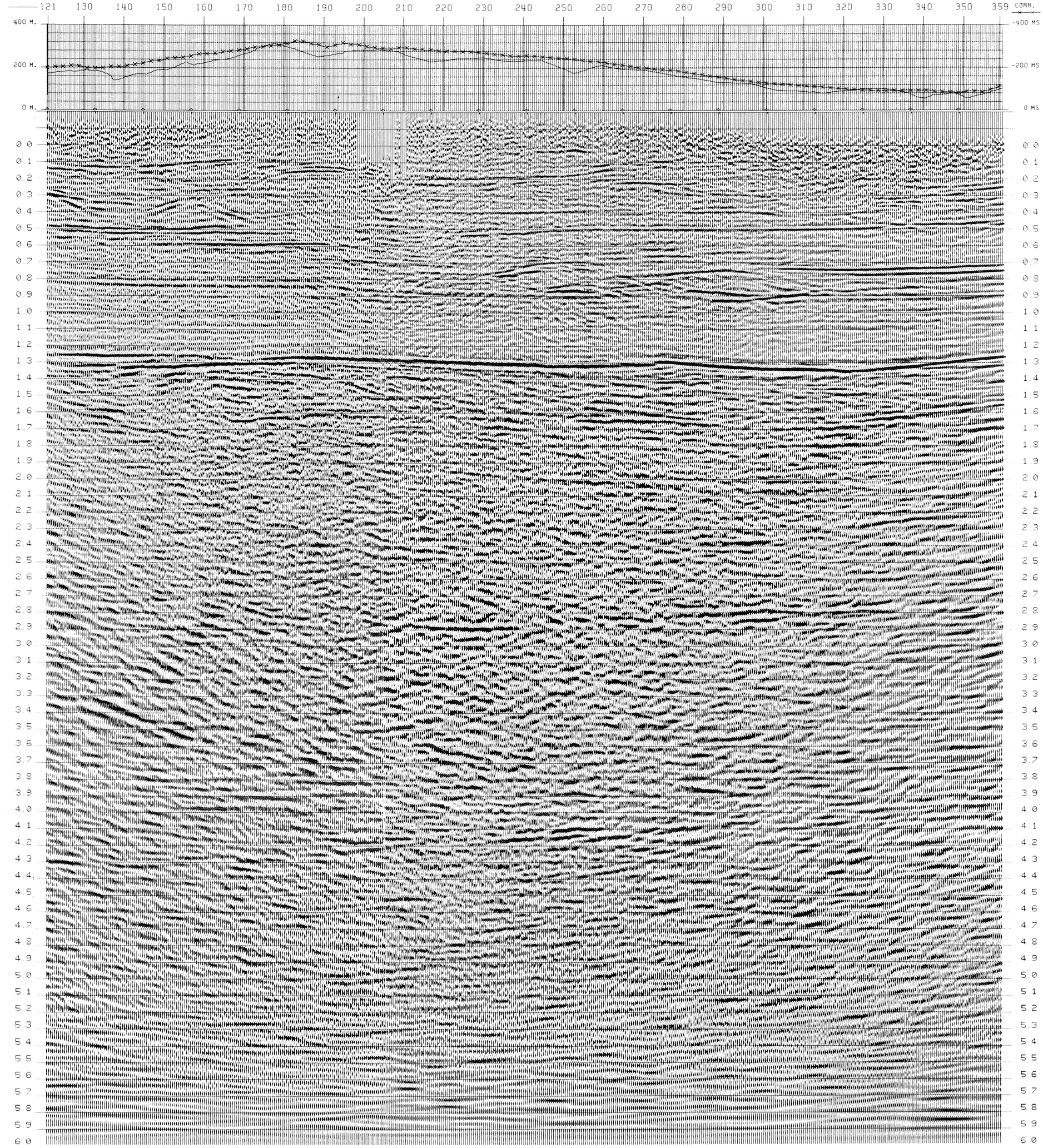
CH-456-84
SP 149

SP 146 SP 190 SP 229 SP 291 SP 341

LINE CH-476-86

ELEV. 121 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 359 DATUM CORR.

400 M. -400 MS

200 M. -200 MS

0 M. 0 MS