

LINE 76-CR24-8 S.P. 107 S.P. 191

1200% DBS-TVF

STATION ID	S.P. 107 S.P. 191
DATE	10 MAG 1980
TIME	1200
POST	

MONTEISON AREA: SICILY WESTERN RICERCH GEOFISICHE S.p.A.
 PERMITS: CR 24-CO

RECORDING DATA		PLAYBACK DATA	
SHOT BY	WESTERN R.S. S.p.A.	DATUM PLANE	SEA LEVEL
PARTY	F-5	WEATHERING VEL.	600 m / sec.
MAGNETIC RECORDER	SDS1010	SUBWEATHERING VEL.	3000 m / sec.
GAIN	BINARY	Scale	VERTICAL 1 Sec. 10 cm HORIZONTAL 1 Km. 6.6 cm
SAMPLE RATE	2 m.s.	PREPROCESSOR REEL No.	80844
RECORD LENGTH	6000 m.s.	STACK REEL No.	82993
FILTER	HI - c.p.s. LOW 8.5 c.p.s.	DATE	MARCH, 1976
ALIASING FILTER	125 c.p.s.		
SUBSURFACE COVERAGE	1200%		
DATE	JAN, 1976		

FIELD DATA

SPREAD CONFIGURATION - MARINE

GROUP INTERVAL	60 m.	NEAR TRACE OFFSET	120 m.	FAR " "	1500 m.
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GEOPHONE GROUP CONFIGURATION MARINE

GEOPHONES TYPE / FREQUENCY	P-38 / 7.5 c.p.s. (PRESSURE SENSITIVE)
" " / GROUP	4
CONNECTIONS	SERIES PARALLEL (2X2)

LAND

GEOPHONES TYPE / FREQUENCY	EV 22 B / 7.5 c.p.s.
" " / GROUP	24
CONNECTIONS	SERIES PARALLEL (12 X 2)

ENERGY SOURCE MARINE

AQUAPULSE	2
No. OF GUNS + CAPACITY	2
No. OF POPS / S.P.	3
AVERAGE GUN DEPTH	4-10 m.

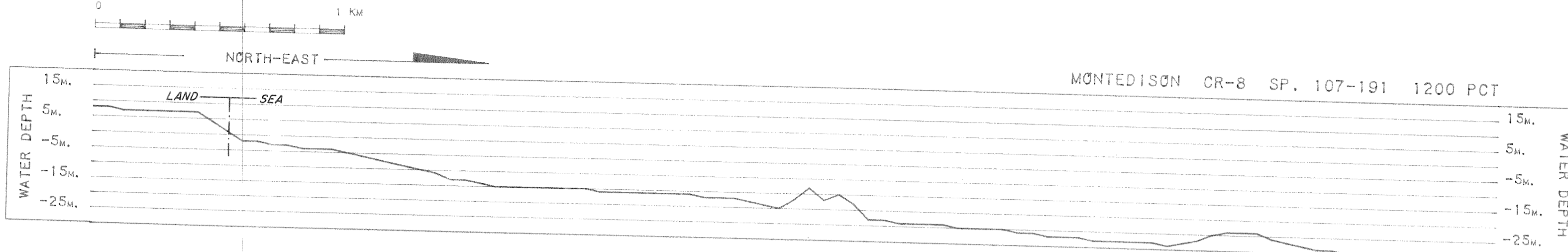
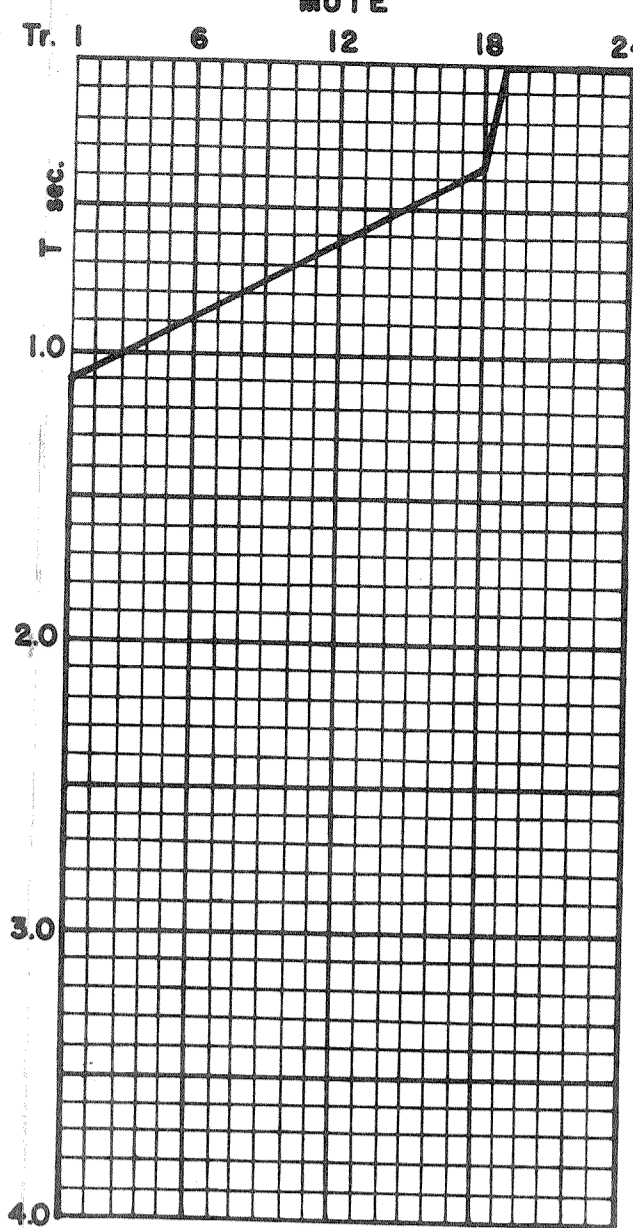
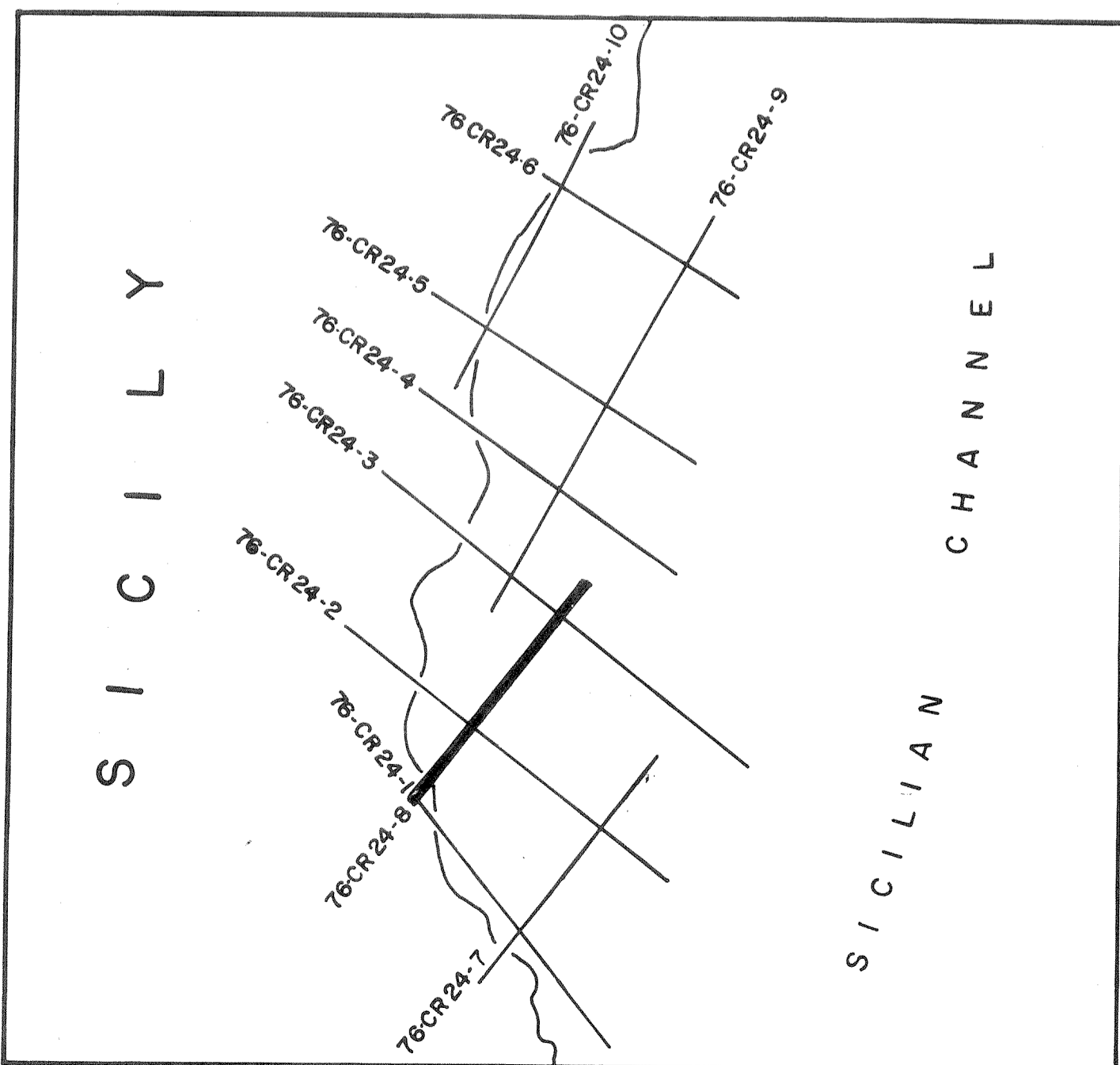
PROCESSING SEQUENCE

- 1) EDIT
- 2) VERTICAL SUM (2-3 POPS)
- 3) PREPROCESSOR
- 4) DECONVOLUTION BEFORE STACK

PREDICTIVE DECON TIME DOMAIN	
No. OF WINDOWS	2
MIN. PREDICTION DISTANCE	24ms.
OPERATOR LENGTH	136ms.
- 5) STATIC CORRECTIONS - BEFORE NMO - CDP METHOD
- 6) VELOCITY ANALYSIS
- 7) DYNAMIC CORRECTIONS - STRAIGHT RAY
- 8) RESIDUAL STATIC CORRECTIONS
- 9) COHERENCY STACK
- 10) RADIAL PREDICTIVE FILTER
- 11) TIME VARIANT FILTER (SEE GRAPH)
- 12) REFORMAT

NOTE

VELOCITY FUNCTION CHANGE



TIME	VEL	TIME	VEL	TIME	VEL	TIME	VEL
0.100	1900	0.100	1900	0.100	1900	0.100	1900
0.200	2000	0.200	2000	0.200	2100	0.200	2100
0.300	2100	0.300	2100	0.300	2250	0.300	2300
0.400	2250	0.400	2250	0.400	2400	0.400	2300
0.500	2400	0.500	2400	0.500	2500	0.500	2500
0.600	2500	0.600	2500	0.600	2700	0.600	2600
0.800	2700	0.800	2700	0.800	2800	0.800	2800
1.000	2800	1.000	2800	1.000	3000	1.000	2800
1.200	2900	1.200	2900	1.200	3200	1.200	2800
1.400	3000	1.400	3000	1.400	3400	1.400	3200
1.600	3100	1.600	3100	1.600	3600	1.600	3600
1.800	3200	1.800	3200	1.800	3800	1.800	3600
2.000	3300	2.000	3300	2.000	4000	2.000	3600
2.200	3400	2.200	3400	2.200	4200	2.200	4200
2.400	3500	2.400	3500	2.400	4350	2.400	4200
2.600	3600	2.600	3600	2.600	4400	2.600	4200
2.800	3700	2.800	3700	2.800	4400	2.800	4200
3.000	3800	3.000	3800	3.000	4400	3.000	4400

