LINE AV-307-77 S.P. 98 S.P. 562

600% DBS-TVF REFERENCE: 150378/9

Agip — AREA: ITALIA - ZONA 4 — WESTERN GEOPHYSICS

PROSPECT: GUARDIA LOMBARDI

RECORDING DATA		PLAYBACK DATA	
TAPE №:	WESTERN	SAMPLE RATE:	4 ms
PARITY:	ODD	RECORD LENGTH:	6.000 sec
MAGNETIC RECORDER:	909 FR	AMPLITUDE:	LOG
	1600 BPI	MIXER TYPE: VEL	6000 ohms
SAMPLE RATE:	4000 ms	SUBSTATIONING: VEL	6000 ohms
RECORD LENGTH:	7000 ms	DATUM PLANE:	600 m
	233 ms		
FILTER: LOW:	12 Hz	Sonic: PARTIAL:	1 Sec 20.0 ms
	62.5 Hz	TOTAL:	5 Sec 5.0 ms
ALIASING FILTER:	62.5 Hz	PREPROCESSOR REEL №:	78452
SUBSURFACE COVERAGE:	400%	STACK REEL №:	78453
DATE: NOVEMBER	1977	DATE: MARCH	1978

FIELD DATA

SPREAD CONFIGURATION: 1225 - 75 - 75 - 1225 ft.

SKETCH: 12 24 36 48 — H1150 H75 H75 H1150

ENERGY SOURCE: DYNAMITE
SHOT HOLES / SHOT:
SHOT HOLE SPACE-UNIT: 12 ft.
AVERAGE SHOT-DEPTH: 27 ft.

GEOPHONE PATTERN:
GROUP INTERVAL: 50 ft.
GEOPHONES / GROUP: 24
GEOPHONE FREQUENCY: SM-500HL

PROCESSING

TRANSCRIPTION
- EDIT-DEMULTIPLEX ONLY OUTPUT
- EDIT-SINGLE OUTPUT
- EDIT-GEOPHONE AMPLITUDE OUTPUT

CORRELATION

3 PREPROCESSOR

STATIC CORRECTIONS
- 3 BEFORE NMO
- 12 AFTER NMO

DYNAMIC CORRECTIONS
- 6 STRAIGHT RAY (PRELIMINARY)
- 10 STRAIGHT RAY (FINAL)

7 PRELIMINARY STACK

- 9 100% CORRECTED
- 100% SELECTED TRACES
- MINI SECTION

8 VELOCITY ANALYSIS

- 4 PREDICTIVE TIME DOMAIN DECON AFTER STACK

RESIDUAL STATICS
- 11 COMMON DEPTH POINT METHOD
- COMMON OFFSET METHOD
- COMMON SHOT METHOD
- COMMON RECEIVER METHOD

MANUAL

- STACK
- 2 WEIGHTED STACK
- 13 COHERENCY STACK

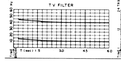
- PREFILTER
- SPECIAL MUTE ROUTINE (Ch 69)
- SPECIAL MUTE
- FREQUENCY FILTER
- MULTICHANNEL FILTER
- RADIAL PREDICTIVE FILTER
- CONTINUOUS VELOCITY ANALYSIS

2 PREFILTER

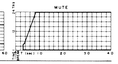
TIME	LOW CUT	HI CUT
000	8	62
2000	8	62
5000	12	62
7000		

PREDICTION DISTANCE	OPERATOR LENGTH	WINDOWS
24	160	3

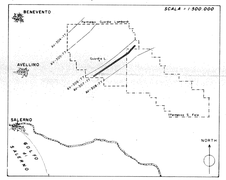
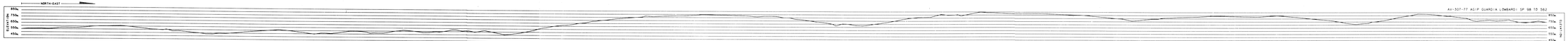
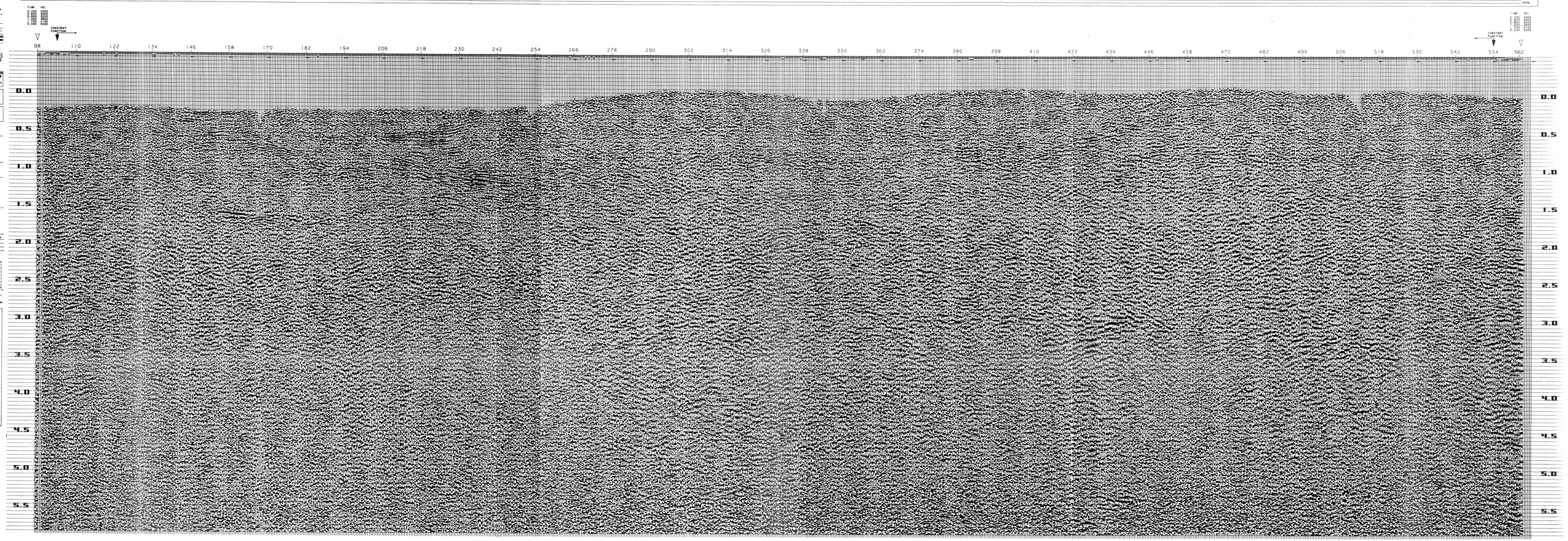
TV FILTER



MUTE



▽ VELOCITY FUNCTION CHANGE ▼ INTERSECTION ▼ VELOCITY ANALYSIS LOCATION



ANALYST