

LINE CA-18



S. P. 100 S. P. 183

750% DBS-RPF-TVF

REFERENCE: 231179

SNIA

DIVISIONE MINERARIA

AREA CANCELLO
PROSPECT CANCELLO NOCELLETO

WESTERN
RICERCH
GEOFISICHE s.p.a.

RECORDING DATA

SHOT BY S.I.A.G.
PARTY 79-01-06
MAGNETIC RECORDER DFS V
GAIN _____
SAMPLE RATE 2 ms.
RECORD LENGTH 6000 ms.
FILTER HI 128 Hz.
LOW 12 Hz.
ALIASING FILTER _____ Hz
SUBSURFACE COVERAGE 750%
DATE AUGUST, 1979

PLAYBACK DATA

SAMPLE RATE 2 ms.
RECORD LENGTH 3000 ms.
AMPLITUDE 16
WEATHERING VEL. 600 m/sec.
SUBWEATHERING VEL. 2000 m/sec.
DATUM PLANE SEA LEVEL
Scale (VERTICAL 1 Sec. 10 cm.
HORIZONTAL 1 Km. 8 cm.)
PREPROCESSOR REEL No. 80254
STACK REEL No. 74516
DATE NOVEMBER, 1979

FIELD DATA

SPREAD CONFIGURATION 1475-25/25-1475 m.

30 SP 31 60
+1450 m. +25125+ 1450 m. -

ENERGY SOURCE

DYNAMITE
SHOT HOLES / S.P. _____
AVERAGE CHARGE / SHOT 5 Kg.
AVERAGE SHOT DEPTH 26 m.

GEOPHONE PATTERN

GROUP INTERVAL 50 m.
GEOPHONES / GROUP 24
GEOPHONE FREQUENCY 14 Hz.

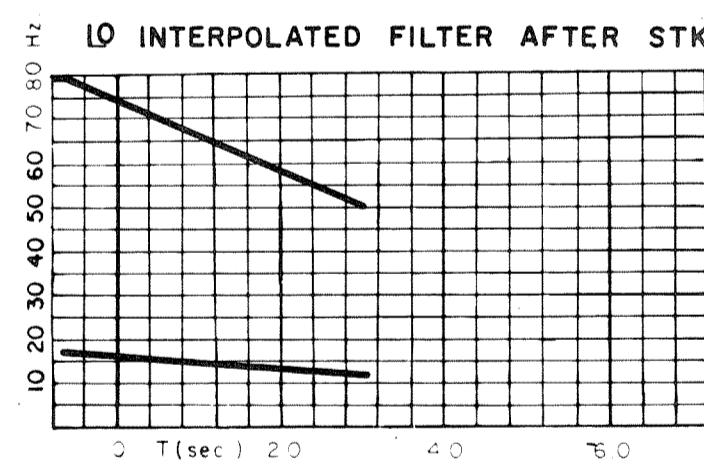
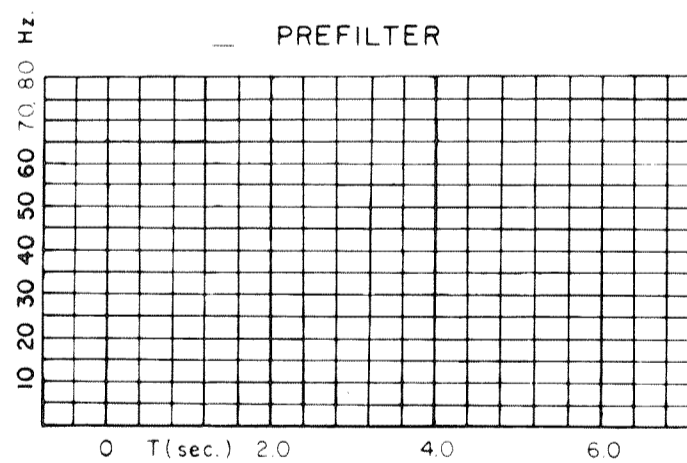
PROCESSING

TRANSCRIPTION
 EDIT DEMULTIPLEX ONLY
 EDIT GEOPHONE AMPLITUDE
 CORRELATION
 PREPROCESSOR
DYNAMIC CORRECTION
 STRAIGHT RAY
 CURVED RAY
 STATIC CORRECTIONS
 PRELIMINARY STACK
 100% CORRECTED
 VELOCITY ANALYSIS
 CONTINUOUS VELOCITY ANALYSIS
 PREDICTIVE TIME DOMAIN DECON
 BEFORE STACK
 AFTER STACK

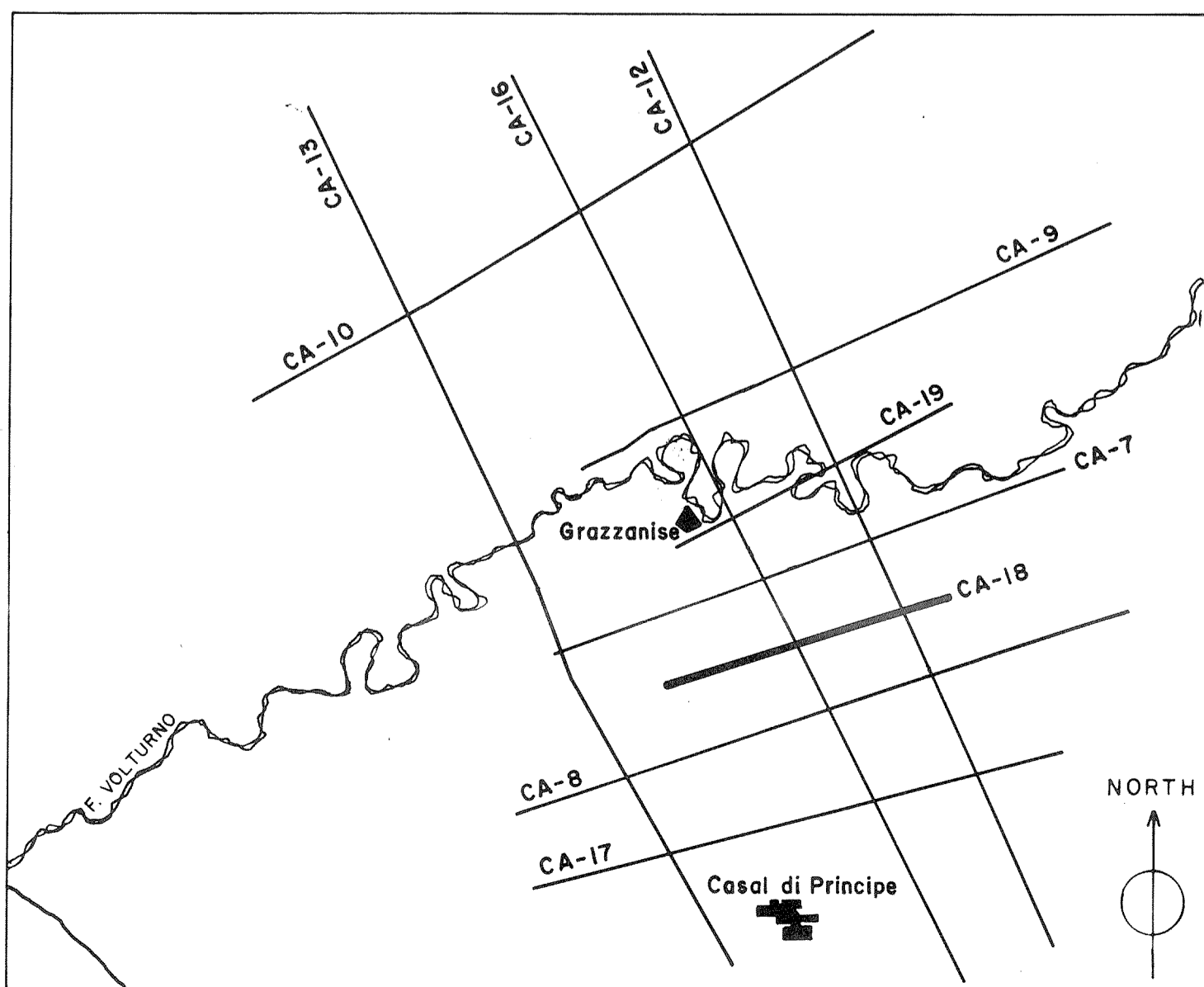
RESIDUAL STATICS
 MANUAL
 SURFACE CONSISTENT
 C.D.P. METHOD
 STACK
 WEIGHTED STACK
 SPECIAL GAIN ROUTINE
 SPECIAL MUTE
 MULTICHANNEL FILTER (PASS)
 MULTICHANNEL FILTER (REJECT)
 MIGRATION
 DEPTH CONVERSION

DISTANCE DEPENDENT MUTE			
DIST. (m.)	350	400	1500
MUTE (ms)	100	300	900

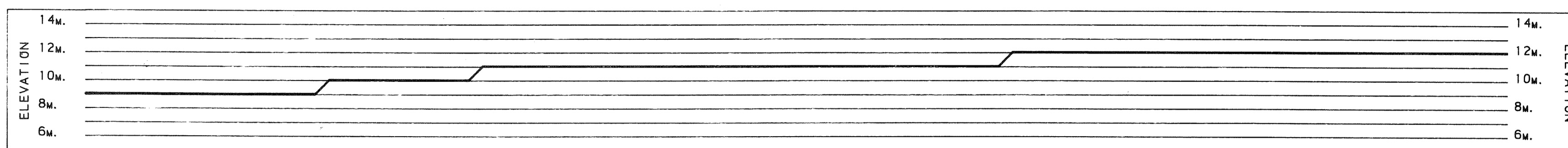
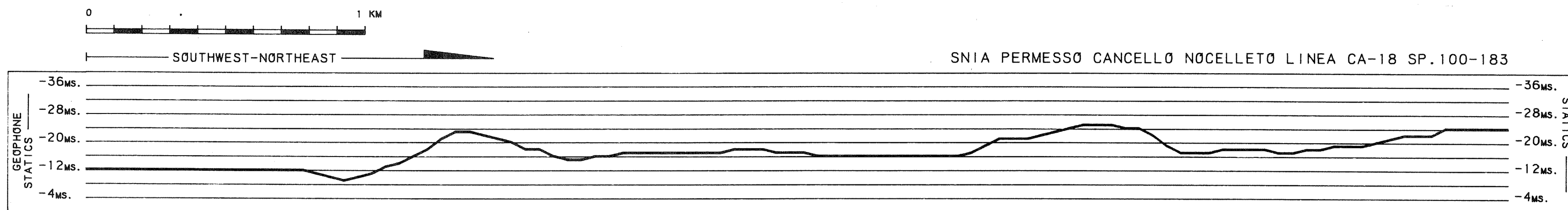
PREDICTION DISTANCE	OPERATOR LENGTH	No WINDOWS
2	130	1



▽ VELOCITY FUNCTION CHANGE ▼ INTERSECTION ▼ VELOCITY ANALYSIS LOCATION



ANALYST *Giambelli*



TIME	RMSV	TIME	RMSV	TIME	RMSV	TIME	RMSV
0.004	1600	0.004	1600	0.004	1600	0.004	1600
0.680	2000	0.680	1900	0.300	1700	0.500	1800
0.880	2100	0.840	2000	0.500	1800	0.720	1900
1.080	2300	1.000	2100	0.680	1900	1.000	2000
1.280	2400	1.120	2200	0.920	2000	1.080	2100
1.500	2550	1.360	2350	1.120	2200	1.300	2300
1.700	2900	2.000	3100	1.280	2250	1.480	2600
2.000	3300	2.200	3400	1.600	2700	2.000	3600
2.400	4000	3.000	4300	2.200	3400	3.000	4500
3.000	4300	4.000	4600	3.000	4300	4.000	4600

