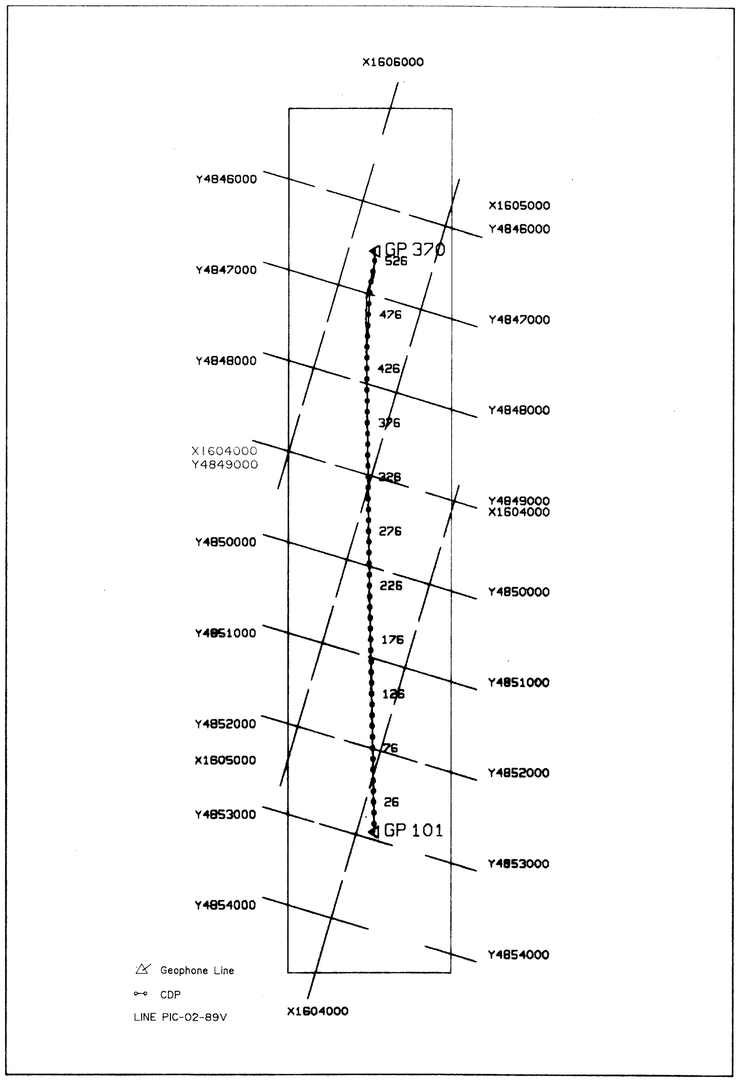
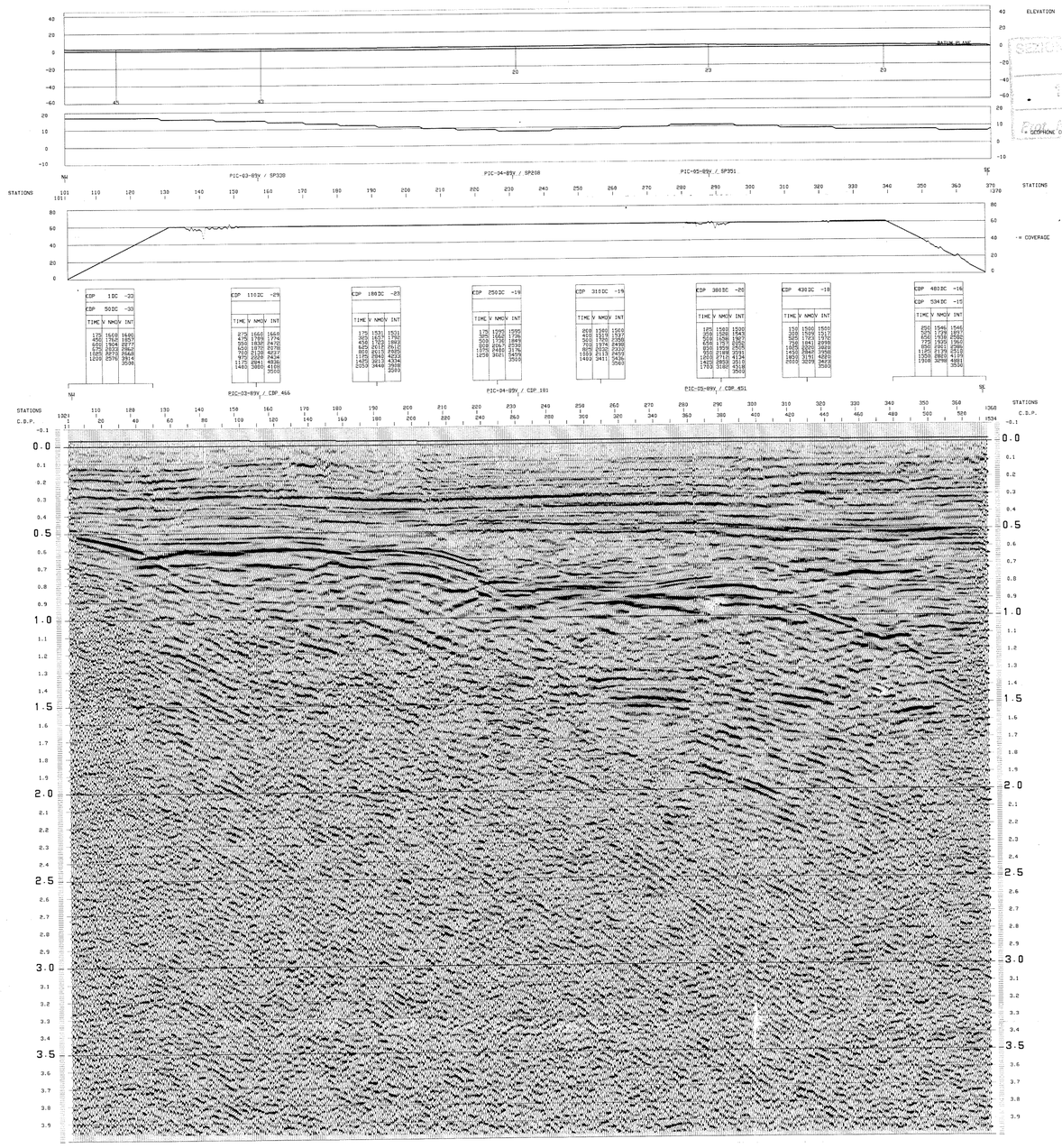




SEZIONE IDROGRAFICA
di ROMA

CGG - DATA PROCESSING SERVICES
1 RUE LEON BIGARTE 91341 MASSY CEDEX FRANCE

CANADA NORTHWEST

VIAREGGIO

PIC-02-89V

NW 101 — 369 SE
VIBRATED POINT

STACK TVF

RANDOM NOISE ATTENUATION
60 FOLD COVERAGE
SLALOM LINE *

* CGG TRADE MARK

127 35 74CC * — PL : 4AR
* CGG PROJECT NUMBER — DATE : OCT 1989

FIELD RECORDING

CONTRACTOR	CGG	SAMPLING RATE	2 MS
DATE	APR.17-APR.18 1989	RECORDING LENGTH	6000 MS
RECORDER	SN 368	FILTERS :	
TAPE 6250 BPI	NO.125-129	LC 8 HZ (1928/OCT)	
FORMAT	SEG-D	HC 178 HZ (1928/OCT)	
COVERAGE	60		

SHOT-GEOPHONE ARRAY-SPREAD

** SOURCE **

VIBRATORS

TYPE	KERTZ 18	SWEEP : FREQUENCY	10 - 70 HZ
NUMBER	3	LENGTH	12 S
SPACING	20 M	NUMBER OF LOCATION / VP	4
POLARITY	ALTERNATE	NUMBER OF SWEEP / LOCATION	1
ELECTRONIC CONTROL	SWV 910 A	LOCATION SPACING	6.25

20 M
6.25 M

** RECEPTION **

GEOPHONE TYPE	GSC 20 D	NUMBER OF TRACES	120
FREQUENCY	10 HZ	TRACE SPACING	25 M
GEOPHONE PER GROUP	18	GEOPHONE SPACING	1.56

1.56 M

** SPREAD **

SURFACE CORRECTIONS

DATUM	SPHERE VT	DATUM PLANE (SP0)	0 M
RETURN TO DP VELOCITY	3500 M/S	CORRECTION SIGN	+ SHORTENS TIMES

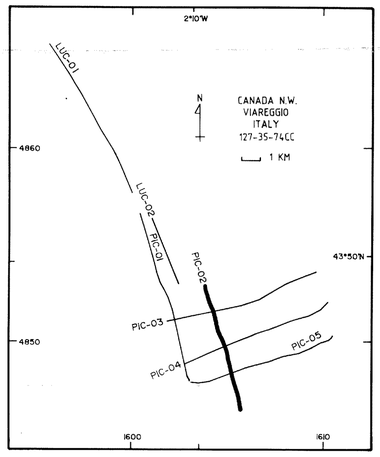
PROCESSING : CGG

SIGNAL LENGTH PROCESSED : 4 S — SAMPLING INTERVAL : 4 MS

DEMULTIPLEXING AND RESAMPLING — SATAN IV MF 3
TRACE EDITING — VELOCITY ANALYSIS (ANVST VELCOR)
AMPLITUDE RECOVERY — NMO CORRECTIONS LINEAR INTERPOLATION
REFLECTION POINT GATHERING — BETWEEN VELOCITY FUNCTIONS
ZERO PHASE DECONVOLUTION — STATIC CORRECTIONS (FROM DPO* TO SP)
FILTERING : — AUTOMATIC STATICS :
13-44 HZ T 0 - 4000 MS — SURFACE CONSISTENT STATICS:SATAN I
15-55 HZ T 2400 - 2600 MS — STACK 6000 0/0 FOLD
15-45 HZ T 4000 MS — RANDOM NOISE ATTENUATION
TRACE EQUALIZATION : 600 MS — BAND PASS FILTER : 10 - 60 HZ
STATIC CORRECTIONS (FROM GROUND — TRACE EQUALIZATION :
LEVEL TO DPO *) : L = 500 MS T = 0 - 1800 MS
AUTOMATIC STATICS : — L = 500 MS T =1800 - 4000 MS
MEDIUM WAVE LENGTH SURFACE — ANALOG DISPLAY
CONSISTENT STATICS

* DPO : THE AVERAGE GROUND LEVEL ELEVATION IS REPRESENTED BY A BLACK PEAK AT THE TOP OF THE SECTION.

POLARITY CONVENTION

COMPRESSION=NEGATIVE VALUE ON TAPE
AFTER PROCESSING=WHITE TROUGH ON SECTION

SCALE
60 TR. = 1 KILOMETER