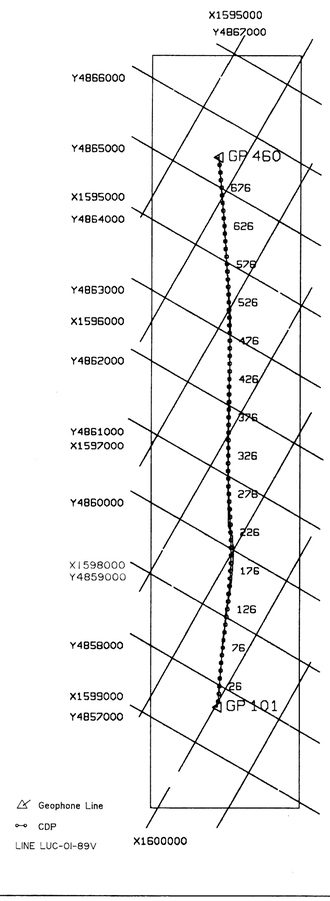
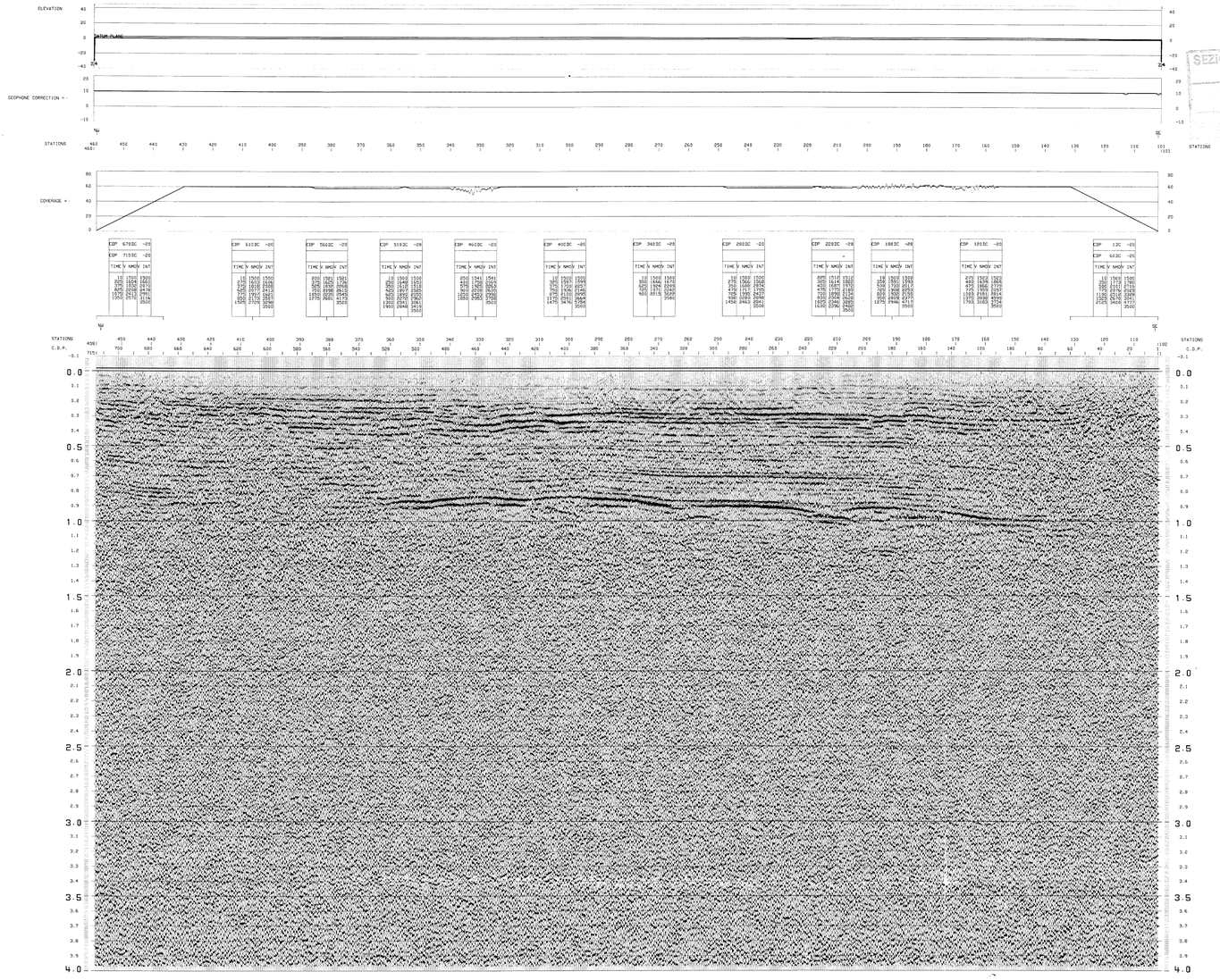




SEZIONE IDROCARBURI
di ROMA

CGG - DATA PROCESSING SERVICES
1 RUE JEAN ROBAIN 91341 MASSY CEDEX FRANCE

CANADA NORTHWEST

VIAREGGIO

LUC-01-89V

NW 459 — 101 SE
VIBRATED POINT

STACK TVF

60 FOLD COVERAGE
SLALOM LINE *
* CGG TRACE MARK

127 35 74CC * — PL : 159
* CGG PROJECT NUMBER — DATE : SEPT 1989

FIELD RECORDING

CONTRACTOR	CGG	SAMPLING RATE	2 MS
DATE	MAY 03-MAY 04 1989	RECORDING LENGTH	6000 MS
RECORDER	DR 968	FILTERS :	
TAPE 6250 BPI	NO.135-140	LC 8 HZ (1828-OCT)	
FORMAT	SEG-D	HC 170 HZ (1828-OCT)	
COVERAGE	60		

SHOT-GEOPHONE ARRAY-SPREAD

** SOURCE **

TYPE	VIBRATORS		
NUMBER	MERTZ 10	SWEEP : FREQUENCY	12 - 70 HZ
SPACING	2	LENGTH	12 S
POLARITY	20 M	NUMBER OF LOCATION / VP	4
ELECTRONIC CONTROL	ALTERNEX	NUMBER OF SWEEP / LOCATION	1
	NRV 310 A	LOCATION SPACING	6.25

** RECEPTION **

GEOPHONE TYPE	GSC 20 D	NUMBER OF TRACES	120
FREQUENCY	10 HZ	TRACE SPACING	25 M
GEOPHONE PER GROUP	16	GEOPHONE SPACING	1.5M

** SPREAD **

SURFACE CORRECTIONS

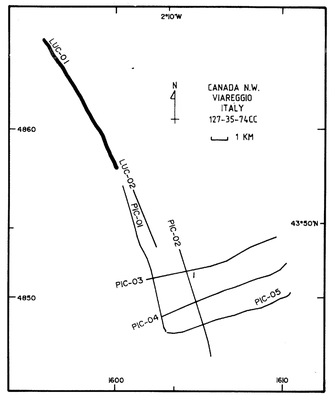
DATUM	SPHOLE VT	DATUM PLANE (SP-)	0 M
RETURN TO SP VELOCITY:	2000 M/S	CORRECTION SIGN:	+ SUBTRACT TIMES

PROCESSING : CGG

SIGNAL LENGTH PROCESSED : 4 S	SAMPLING INTERVAL : 4 MS
DEMULTIPLEXING AND RESAMPLING	SATAM IV MF 8
TRACE EDITING	VELOCITY ANALYSIS (AMVIT VELOCA)
AMPLITUDE RECOVERY	MBO CORRECTIONS LINEAR INTERPOLATION
REFLECTION POINT GATHERING	RETURN VELOCITY FUNCTIONS
ZERO PHASE DECONVOLUTION	STATIC CORRECTIONS (FROM DPC+ TO SP)
FILTERING :	AUTOMATIC STATICS :
. 13-64 HZ ? 0 - 800 MS	SURFACE CONSISTENT STATICS(SATAM I
. 15-55 HZ ? 2400 - 2600 MS	STACK 60SG 6-8 FOLD
. 15-40 HZ ? 4000 MS	BAND PASS FILTER 10 - 45 HZ
TRACE EQUALIZATION : 600 MS	TRACE EQUALIZATION :
STATIC CORRECTIONS (FROM GROUND	. L= 300 MS ? - 2 - 1800 MS
LEVEL TO DPC +)	. L= 800 MS ? +1800 - 4000 MS
AUTOMATIC STATICS :	
MEDIUM WAVE LENGTH SURFACE	ANALOG DISPLAY
CONSISTENT STATICS	

* DPC : 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 OF SECTION

SCALE
60 TR. = 1 KILOMETER