



THE AQUAPULSE SYSTEM



AREA: PANTELLERIA

PROSPECT: ZONE "C"

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
MILAN DIGITAL CENTER

RECORDING DATA

PARTY NO. 62
ENERGY SOURCE AQUAPULSE
FILTER 10-80 HZ
CABLE 1600 m.
GEOPHONES 32 CRYSTAL ELEMENT
TAPERED ARRAY
LEAD IN 760'
AMPLIFIER REDCOR BINARY GAIN
CHARGE SIZE 4 GUNS POP
DATE SHOT MARCH 1969

PROCESSING INFORMATION

SAMPLE RATE 4ms

DECONVOLUTION

DECONVOLVED BEFORE STACK

AUTO CORR. INT. TIME VARIANT
MAX. APERTURE 0-400 m.
TIME ZONE 0-5 Sec.
ITERATIONS 2

TIME VARIANT FILTER

TIME ZONE	L.C.		H.C.	
	Hz	dB	OCT	Hz
0.100-0300	20	6	60	6
0.300-1200	10	6	60	6
1.200-2300	10	6	50	6
2.300-2800	10	6	35	6
2.800-5000	5	6	30	6

PROCESSING SEQUENCE

- 1) EDIT - (SUM 4 POPS)
 - 2) DECONVOLVED BEFORE STACK
 - 3) NORMAL MOVE OUT
 - 4) 1200 % STACK
 - 5) T.V. FILTER
 - 6) PLAYBACK (UNFILTERED)
- ▼ VELOCITY ANALYSIS
- REEL NO. 76699
DATE JUNE 1969

LINE: C-553A

S.P. I to S.P. 73^D

DATUM PLANE: SEA LEVEL



M-ITSI 5119

VELOCITY CHANGE

M-ITSI 5090

