



THE AQUAPULSE SYSTEM



AREA: GELA-NOTO

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	dB OCT
0.125 - 0.400	20	6	60	6
0.400 - 0.700	15	6	50	6
0.700 - 0.900	10	6	50	6
0.900 - 1.500	10	6	3.5	6
1.500 - 5.000	5	6	3.0	6

PROCESSING SEQUENCE

- 1) EDIT - (SUM 4 POPS)
 - 2) DECONVOLVED BEFORE STACK
 - 3) NORMAL MOVE OUT
 - 4) 1200 % STACK
 - 5) TV FILTER
 - 6) PLAYBACK (UNFILTERED)
- ▽ = VELOCITY ANALYSIS

REEL NO. 76572
DATE MAY 1969

LINE: C-537W

S.P. 517 to S.P. 601^D

DATUM PLANE: SEA LEVEL

SOUTHEAST

M - ITS1 5210

INTERSECTION
LINE S.P.
C-594 4

INTERSECTION
LINE S.P.
C-562 5
Ext.

INTERSECTION
LINE S.P.
C-525 2
Ext.

