



THE AQUAPULSE SYSTEM

AGIP		AREA : GELA - NOTO	PROSPECT : ZONE "C"	WESTERN GEOPHYSICAL DIVISION OF LITTON INDUSTRIES MILAN DIGITAL CENTER																																																	
RECORDING DATA		PROCESSING INFORMATION		PROCESSING SEQUENCE																																																	
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		SAMPLE RATE 4ms		1) EDIT - (SUM 4 POPS) 2) DECONVOLVED BEFORE STACK 3) NORMAL MOVE OUT 4) 1200 % STACK 5) TV FILTER 6) PLAYBACK (UNFILTERED) ▽ = VELOCITY ANALYSIS																																																	
		DECONVOLUTION	TIME VARIANT FILTER																																																		
		DECONVOLVED BEFORE STACK	<table border="1"> <thead> <tr> <th>TIME ZONE</th> <th>Hz</th> <th>dB</th> <th>OCT</th> <th>Hz</th> <th>dB</th> <th>OCT</th> </tr> <tr> <th colspan="2"></th> <th colspan="2">L.C.</th> <th colspan="2"></th> <th>H.C.</th> </tr> </thead> <tbody> <tr> <td>0.150 - 0.400</td> <td>20</td> <td>6</td> <td>60</td> <td>6</td> <td>6</td> <td></td> </tr> <tr> <td>0.400 - 1.500</td> <td>15</td> <td>6</td> <td>50</td> <td>6</td> <td>6</td> <td></td> </tr> <tr> <td>1.500 - 1.900</td> <td>10</td> <td>6</td> <td>50</td> <td>6</td> <td>6</td> <td></td> </tr> <tr> <td>1.900 - 2.200</td> <td>10</td> <td>6</td> <td>3.5</td> <td>6</td> <td>6</td> <td></td> </tr> <tr> <td>2.200 - 5.000</td> <td>5</td> <td>6</td> <td>3.0</td> <td>6</td> <td>6</td> <td></td> </tr> </tbody> </table>		TIME ZONE	Hz	dB	OCT	Hz	dB	OCT			L.C.				H.C.	0.150 - 0.400	20	6	60	6	6		0.400 - 1.500	15	6	50	6	6		1.500 - 1.900	10	6	50	6	6		1.900 - 2.200	10	6	3.5	6	6		2.200 - 5.000	5	6	3.0	6	6	
TIME ZONE	Hz	dB	OCT	Hz	dB	OCT																																															
		L.C.				H.C.																																															
0.150 - 0.400	20	6	60	6	6																																																
0.400 - 1.500	15	6	50	6	6																																																
1.500 - 1.900	10	6	50	6	6																																																
1.900 - 2.200	10	6	3.5	6	6																																																
2.200 - 5.000	5	6	3.0	6	6																																																
		AUTO CORR. INT. _____ TIME VARIANT MAX. APERTURE 0 - 400 ms. TIME ZONE 0 - 5 Sec. ITERATIONS 2																																																			
			REEL NO. 76 567 DATE JUNE 1969																																																		

LINE: C-604

S.P. 139 to S.P. 61^D

DATUM PLANE : SEA LEVEL

