



THE AQUAPULSE SYSTEM

LINE: C-586

S.P. 139 to S.P. 49D

DATUM PLANE : SEA LEVEL

AGIP		AREA : GELA-NOTO	PROSPECT : ZONE "C"	WESTERN GEOPHYSICAL DIVISION OF LITTON INDUSTRIES MILAN DIGITAL CENTRE																									
RECORDING DATA		PROCESSING INFORMATION																											
PARTY NO. <u>62</u> ENERGY SOURCE <u>AQUAPULSE</u> FILTER <u>10-80 Hz</u> CABLE <u>1600 m.</u> GEOPHONES <u>32 CRYSTAL ELEMENT</u> <u>TAPERED ARRAY</u> LEAD IN <u>760'</u> AMPLIFIER <u>REDCOR BINARY GAIN</u> CHARGE SIZE <u>4 GUNS POP</u> DATE SHOT <u>MARCH 1969</u>		SAMPLE RATE <u>4ms</u> DECONVOLUTION DECONVOLVED BEFORE STACK TIME VARIANT FILTER L.C. <u>TIME ZONE</u> <u>Hz</u> <u>dB OCT</u> H.C. <u>Hz</u> <u>dB OCT</u> <table border="1"> <tr> <td><u>0.400 - 0.900</u></td> <td><u>20</u></td> <td><u>6</u></td> <td><u>60</u></td> <td><u>12</u></td> </tr> <tr> <td><u>0.900 - 1.400</u></td> <td><u>15</u></td> <td><u>6</u></td> <td><u>50</u></td> <td><u>12</u></td> </tr> <tr> <td><u>1.400 - 2.000</u></td> <td><u>10</u></td> <td><u>6</u></td> <td><u>50</u></td> <td><u>12</u></td> </tr> <tr> <td><u>2.000 - 3.800</u></td> <td><u>10</u></td> <td><u>6</u></td> <td><u>35</u></td> <td><u>12</u></td> </tr> <tr> <td><u>3.800 - 5.000</u></td> <td><u>5</u></td> <td><u>6</u></td> <td><u>30</u></td> <td><u>12</u></td> </tr> </table> 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			<u>0.400 - 0.900</u>	<u>20</u>	<u>6</u>	<u>60</u>	<u>12</u>	<u>0.900 - 1.400</u>	<u>15</u>	<u>6</u>	<u>50</u>	<u>12</u>	<u>1.400 - 2.000</u>	<u>10</u>	<u>6</u>	<u>50</u>	<u>12</u>	<u>2.000 - 3.800</u>	<u>10</u>	<u>6</u>	<u>35</u>	<u>12</u>	<u>3.800 - 5.000</u>	<u>5</u>	<u>6</u>	<u>30</u>	<u>12</u>
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