

AGIP MINERARIA

SEISMIC REFLECTION EXPLORATION
COUNTRY ITALY PROJECT GUARDIA LOMBARDI

LINE GUL76-01
SP. 100-368

600 % T.V. FILT

OGS OSSERVATORIO GEOFISICO SPERIMENTALE

RECORDING

- Shot by G.S.S.
- Party TG-180
- Recording instrument D.F.S.-M
- Sample rate 2 msec
- Record length 4 sec
- Spread length 2350m
- Number of traces 98
- Groups interval 50 m
- Geoph/ group 24
- Coverage 6 fold
- Shot holes 1
- Average charge/shot 10 Kg
- Average shot depth 20 m
- Recording filters 12-50
- Aliasing filter
- Gate March-May 1976

PROCESSING

- Sample rate 4 msec
 - Gain recovery
 - SDC Spectral Divergency Correction
 - Edit
 - CVS velocity analysis SP 170-180
 - Automatic velocity analysis
 - Datum Statics datum plane 500 m (after NMO)
 - NMO Normal Moveout Correction
 - Prefiltering 8-60
 - 100% display
 - Brute Stack
 - Automatic Statics gate 700-1100 SP 280-308
 - TV Decomposition at length 41 pts = 164 msec (before Stack DBS)
 - TV Digital Filters at length 41 pts
- | SP | low | high | time |
|-----|-----|------|------|
| 200 | 14 | 45 | 0.4 |
| | 12 | 38 | 0.8 |
| | 10 | 35 | 2.5 |
| | 8 | 28 | 4.5 |
| 350 | 14 | 45 | 0.8 |
| | 12 | 38 | 0.8 |
| | 10 | 35 | 2.0 |
| | 8 | 28 | 4.5 |
- 6 fold Stack
 - Digital ABC at length 700 msec
 - Film display w/gate VA
 - scale vertical 1 sec = 10 cm
horizontal 1 Km = 66 cm

APPROXIMATE LOCATION MAP

