

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW101

LINE G82.34

630 NE

BOAT MOTION

→

PL N°554

STACK 4800%. DBS.TVF

DEC 9 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY: SYLEDIS
SHOOTING DATE: JUNE 23 82

INSTRUMENTS

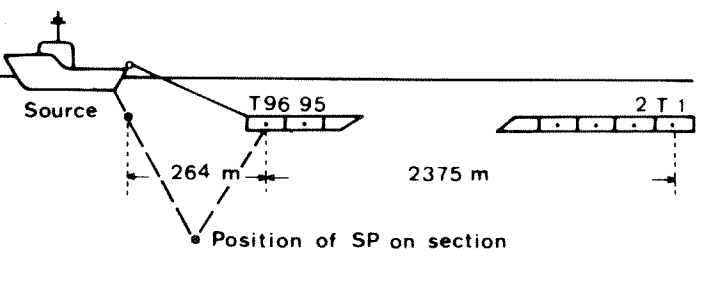
DPS X
FORMAT: 9 tracks 1600 BPI
FILTER: Low 8 Hz, High: 128 Hz
SAMPLING: 2 ms

SOURCE

AIRGUN ARRAY
DEPTH: 6 m
CAPACITY: 2000 m³
SP INTERVAL: 25 m

STREAMER

LENGTH: 2400 m
DEPTH: 16.5 m
GROUPS: 96
GROUP INTERVAL: 25 m



Source
264 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 3/2*
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY: 51 ms

MUTES

DECONVOLUTION
Operator length: 200 ms
Windows: 0-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3Kml)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC: 15 ms

TIME VARIANT FILTERS*
0-400 ms 12/80 Hz
900 ms 10/45 Hz
1400 ms 8/45 Hz
2000 ms 8/40 Hz
2600-6000 ms 8/55 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WB

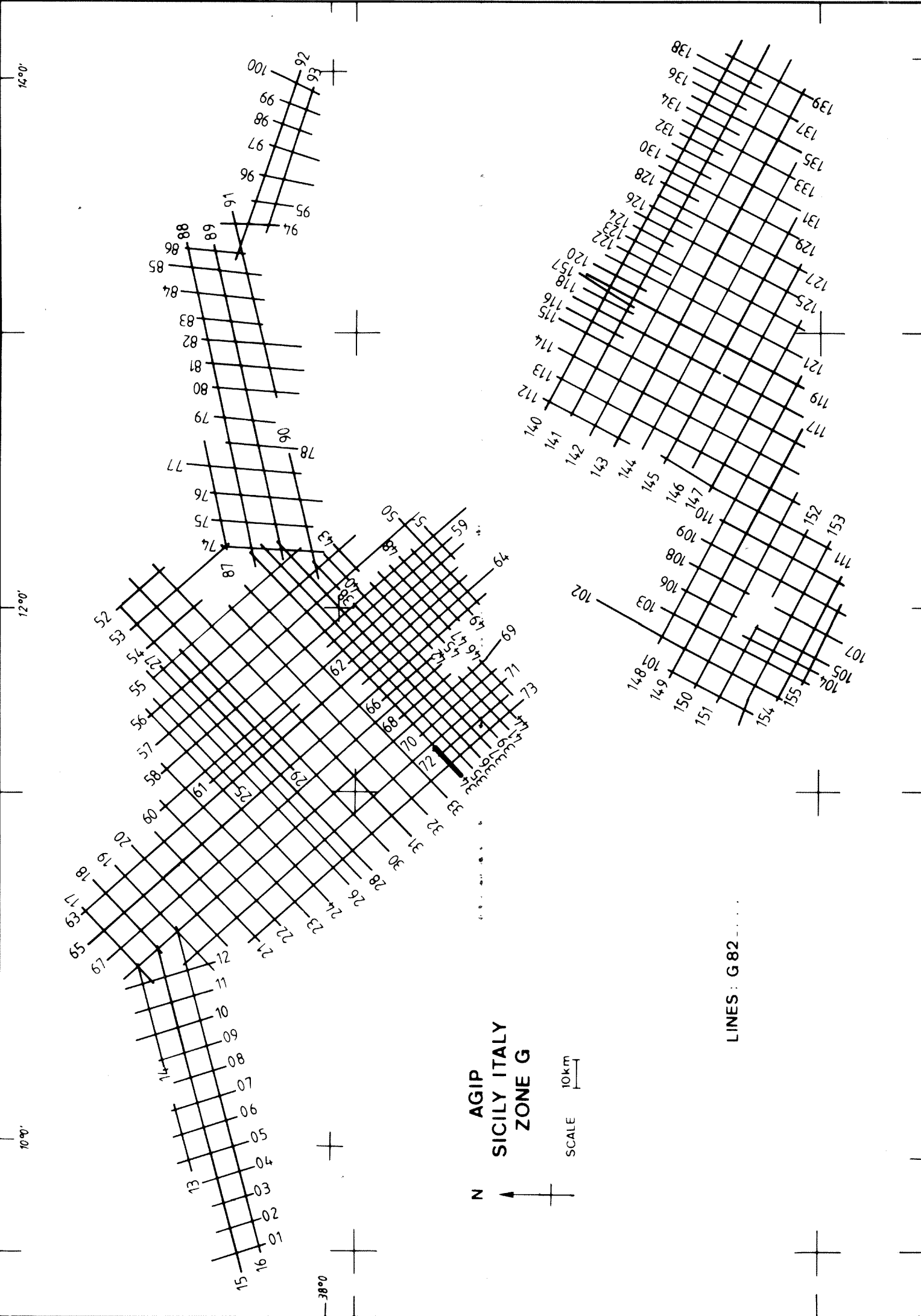
POLARITY
Geophone compression: negative number on field tape
= white trough on display

TIME ORIGIN: M.S.L.
Source and streamer static correction applied: 15 ms

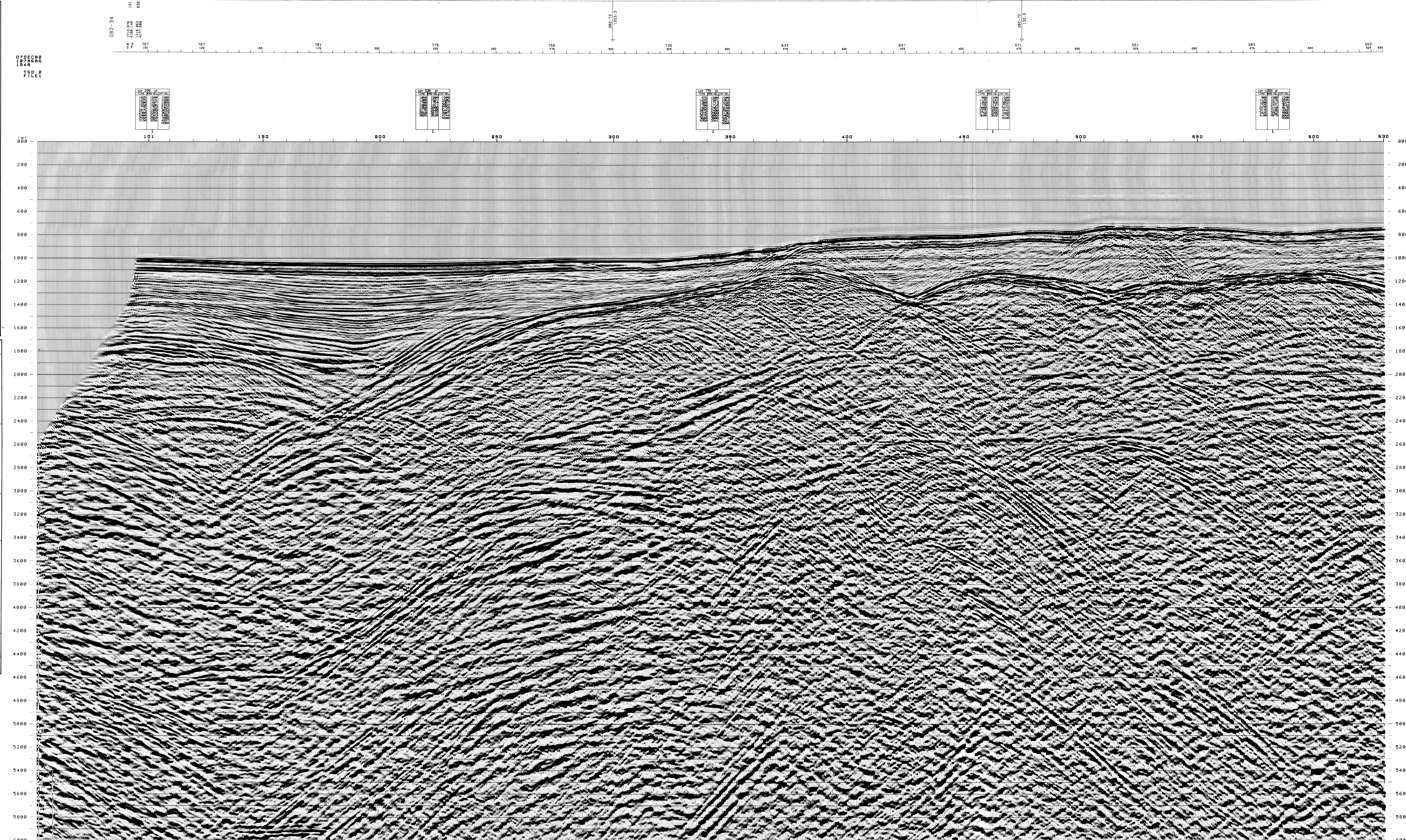
HORIZONTAL SCALE
0.5 Km
80 Traces/km

* C.G.G.'s processing code 127. MS. 86

 COMPAGNIE GENERALE DE GEOPHYSIQUE
8, Rue Galvani, 91301, MASSY - FRANCE



Geological map showing the location of the seismic line G82.34 in Sicily Zone G. The map includes a grid of coordinates and a scale bar.



Seismic data plot showing a series of stacked seismic traces. The plot includes a time axis on the left (0 to 6000 ms) and a depth axis on the right (0 to 6000 m). The traces are labeled with station numbers 101, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, and 630. The plot shows a complex pattern of seismic waves, with a prominent reflection at approximately 1000 ms depth.

140