

SEISMIC SECTION

CREW : TD-143

SEISMIC REFLECTION SURVEY

FOR

MINERARIA TEXAS ITALIANA S.p.A.

PROJECT

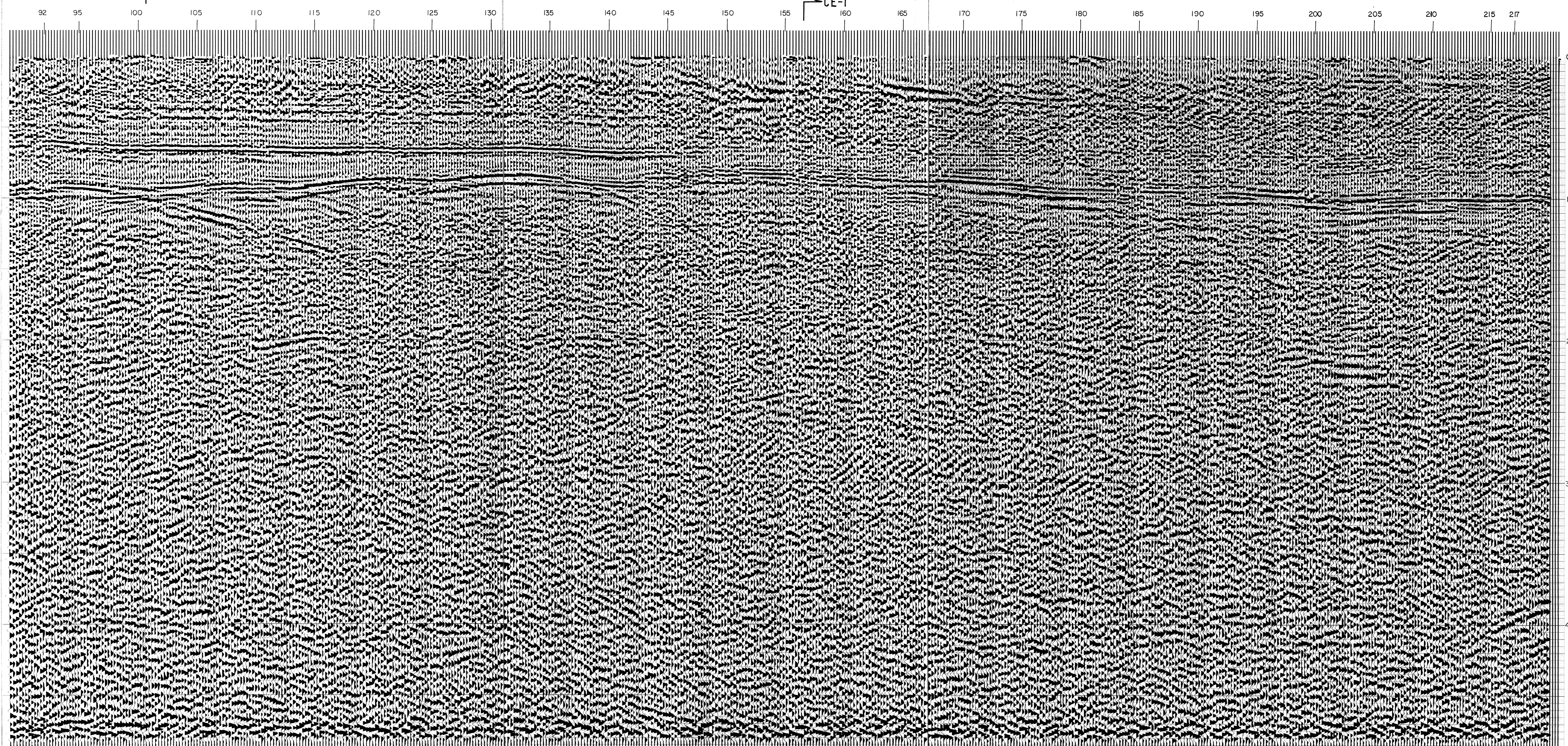
GIARDINETTO

LINE GI-5

NORTHEAST →

GI-4

CE-1



Supervisor : Prof. Italo Finetti
 Party Chief : Luciano Zampieri
 Trieste, December 31, 1971
 Report n° 71455
 Enclosure n° 8
 TC - 1134

RECORDING:

PROCESSING:

O.G.S. - PARTY TD-143

Recording instrument: T.I. DFS/10000
 Sample rate: 2 msec.
 Record length: 5 sec
 Spread length: 1200 m
 Number of traces: 24
 Group interval: 50 m
 Geoph./group: 24
 Coverage: 6 fold
 Recording filters: 12/36-70/24

O.G.S./DIGICON-BARI

Gain removal
 Spherical divergence correction
 Trace edit
 Digital AGC
 CVS Velocity analysis S.P. 120-130
 Wide band normal moveout correction
 Datum statics datum plane = sea level
 Band pass filters:

Low	High	Slope
8	64	3db/cycle

Digital AGC
 Digitat automatic statics
 6 Fold gather and stack
 T.V. Predictive deconvolution
 T.V. FILTER

Low	High	Time	Slope
20	50	0.1	3db/cycle
12	46	0.4	3db/cycle
10	38	1.0	3db/cycle
10	25	4.0	3db/cycle

Digital AGC
 Film display

VELOCITY FUNCTION :	Refraction Time	Average velocity
SP. 89-95	0	2150
	.1	2150
	.4	2240
	.65	2297
	.80	2390
	1.0	2540
	1.5	2698
	2.5	2973
	5.0	3885
SP. 133-220	0	2100
	.1	2100
	.4	2200
	.65	2297
	.80	2390
	1.0	2440
	1.5	2688
	2.5	2973
	5.0	3885

Section n 284

Date: October - December 1971