

EVALUATION OF DEGRADED ORNAMENTAL STONE SLABS GPR METHOD

Site: residential building (Novara, Italy. 2009)

The purpose of the survey: The survey was conducted to evaluate the consistency of stone slabs which form the floor of the balconies of the building , with visible signs of breaking and fracturing .

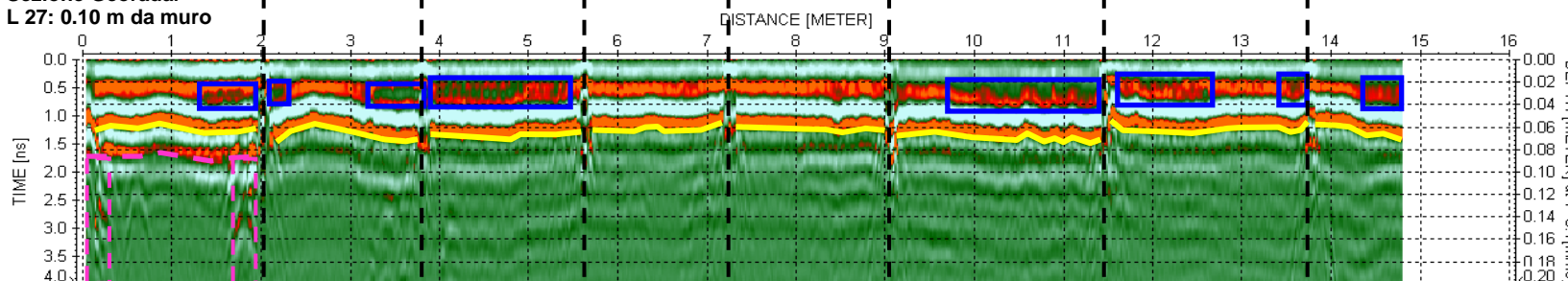
Design Survey: The survey was carried out with GPR method (2 GHz antenna) on the three building balconies (for a total of 25 stone slabs) .

Results: The survey showed that 8 slabs have partially degraded (and affected by moderate fracturing), 9 slabs show strong signs of degradation to their full extent, and the resting 8 slabs appear intact .

A	B	C	D	E	F	G	H
Part. degraded	Parz. Amm.	Degraded	Intact	Intact	Degraded	Part. degraded.	Degraded



Sezione Georadar
L 27: 0.10 m da muro



LEGENDA

- Zone anomale**
- Passaggio lastra-aria**
- Interventi di messa in sicurezza**

Interpretazione

