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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Fundamentals of GPR operation -- 2. Wavelengths and why they matter -- 3. More fundamentals of GPR operation -- 4. The effect of water and air -- 5. Velocity calibration -- 6. Attenuation or loss -- 7. Survey strategies -- 8. Data processing -- 9. Antennas and screening -- 10. Three-dimensional data -- 11. Common GPR applications -- 12. Examples of practical problems -- 13. Multichannel and single channel systems -- 14. Reports and publication -- 15. Regulation.
Sommario/riassunto	This book is a practical guide to using this powerful underground surveying technique. It explains the critical factors in using GPR and how parameters, such as wavelength, attenuation and loss need to be properly considered to obtain good survey results.