Record Nr. UNINA9910785066903321 A practical guide to the study of glacial sediments [[electronic resource] **Titolo** /] / edited by David J.A. Evans and Douglas I. Benn Pubbl/distr/stampa London,: Arnold, 2004 **ISBN** 0-203-78348-4 1-282-66706-8 9786612667060 1-4441-1914-1 Descrizione fisica 1 online resource (297 p.) Altri autori (Persone) EvansDavid J. A BennDouglas I 551.79 Disciplina Soggetti Drift Sedimentology Geology, Stratigraphic - Quaternary Geology - Fieldwork Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Book title; Contents; Preface; Acknowledgements; Figure Acknowledgements; Chapter 1 Introduction and rationale; Chapter 2 Facies description and the logging of sedimentary exposures; Chapter 3 The size of sedimentary particles; Chapter 4 Clast morphology; Chapter 5 Macrofabric; Chapter 6 Micro-scale features and structures; Chapter 7 Particle lithology (or mineral and geochemical analysis); Chapter 8 Engineering properties; Chapter 9 The research project - a case study of Quaternary glacial sediments; References; Index Sediments are the most valuable form of physical evidence for past Sommario/riassunto Earth surface processes. They have the potential to build up an archive of events and provide a window into the past. Through careful examination of sediments the shifting patterns of surface processes across space and time are revealed, allowing us to reconstruct past evironments and environmental change. A Practical Guide to the Study of Glacial Sediments is a guide to the standard techniques employed to

read the sedimentary record of former glaciers and ice sheets. It

demonstrates that the often complex and fragmentary glaci