



Geologie Der Schweiz Mittelzone Und Südliche Nebenzzone Der Alpen (1)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Original publisher: Reston, Va. : U. S. Geological Survey, 2008. OCLC Number: (OCoLC)233644270 Subject: Oligochaeta -- Habitat. Excerpt: . . . 100 FINER 90 80 SUBSTRATE 70 60 50 OF 40 PERCENT 30 20 10 0 0. 01 0. 1 1 10 100 PARTICLE SIZE, MILLIMETERS Figure 10. Grain size distribution of three samples of fine sediment in the pool. Step 3. Determine flushing flows needed to remove the sediment The equation used to calculate the shear stress on the stream bed required to move sediment is: $(1) \tau = k G \gamma_p s$ where τ is the shear stress required to move sediment particles of size d , G is the specific gravity γ_p of the particles, s is the unit weight of water, and k is an empirical coefficient relating the s downward force caused by the weight of the particles to the horizontal and uplift forces needed to move the particles. The logic (model) behind the equation is presented below. The (hydraulic) driving force is down slope: $2S \sin \theta$ where...



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