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Autore	Peck Lee C. <1904->
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Sommario/riassunto	Detailed procedures are given for the analysis for 17 constituents commonly present in silicates: SiO, AlO, FeO, FeO, MgO, CaO, NaO, KO, HO+, HO-, TiO, PO, MnO, CO, BaO, total S, and SO. Problems in analysis that may occur are also discussed. The use of special equipment to facilitate analysis is stressed.