

Norsk Grotteblad nr 5, Mars 1980

Typeinndeling av kalkspat og dolomitmarmor

Type determination of calcite and dolomite marbles

Based on detailed geological mapping and chemical analysis, 8 types of calcite marble and 5 types of dolomite marble have been distinguished. Purest are types 2, 3, 7 and 11 (see text).

Fig. 1 shows the chemical composition and grain size of the different marbles.

Fig. 2 illustrates the relation between the sodium-potassium content and the amount of insoluble material (weight %).

Fig. 3 gives duality definitions for the marbles.

Fig. 4 compares P values of types 1, 2 and 9.