

Kyanite

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General Mineral Formula: Al_2SiO_5

Mineral Chemical Class: Neosilicates

Specific Gravity: 3.5-3.7

Hardness: 4.5-7

Cleavage: 1,1;2,1

Luster: Vitreous

Streak: Colorless

Characteristic Color(s): Patchy blue, gray, or white

Crystal System: Triclinic

Crystal Class: $\bar{1}$

Crystal Description (common forms, habit, etc.): Most often in long, slender, bladed crystals. Also in bladed crystal groups. In veins and reticulated, tabular crystals.

Environment (where you find the material): in metamorphosed schists and gneisses. Also granite pegmatites.

Common Mineral Associations (in samples, also consult text,
notes: Quartz, Almandine, Biotite, Staurolite, Andalusite, Albite

Scientific Usage/Significance: None

Industrial or Social Use/Significance: None

Environmental Significance: None