

Magnetite

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General Mineral Formula: $\text{Fe}^{2+}\text{Fe}_2^{3+}$

Mineral Chemical Class:

Specific Gravity:

Hardness:

Cleavage:

Luster:

Streak:

Characteristic Color(s): Always black to grey

Crystal System:

¹Here, we see magnetites Always-Black-and-Grey color and it's octahedral crystal habit/form. Can always check with a magnet.

²This sample of magnetite is less obvious. It displays it's black/grey form as expected, but it's difficult to see it's octahedral form. In cases like these, put metal to it to find out for sure.

Crystal Class:

Special: This one is magnetic. Dead giveaway.

Crystal Description (common forms, habit, etc.): Octahedral Form

Environment (where you find the material):

Common Mineral Associations (in samples, also consult text, notes):

Scientific Usage/Significance:

Industrial or Social Use/Significance:

Environmental Significance: