

CALCITE

Feel: Smooth on sides
Color: Clear
Streak: White or gray
Hardness: Soft to medium; barely scratched by penny (also scratches penny)
Light: A lot of light shines through
Luster: Glassy
Shape: Crystal may look like a box that has been bent over

Mineral Identification Card

STC/Rocks and Minerals

FELDSPAR

Feel: Rough
Color: Milky white, pinkish brown, or light greenish gray
Streak: White
Hardness: Medium to hard; barely scratched by nail (may also scratch nail)
Light: No light shines through
Luster: Glassy
Shape: No special shape, flat sides

Mineral Identification Card

STC/Rocks and Minerals

FLUORITE

Feel: Smooth
Color: Blue, green, yellow, purple
Streak: White or pale
Hardness: Medium; scratched by nail
Light: A little light shines through
Luster: Glassy
Shape: Cube

Mineral Identification Card

STC/Rocks and Minerals

GALENA

Feel: Smooth
Color: Gray, silver
Streak: Gray
Hardness: Soft; scratched by penny
Light: No light shines through
Luster: Metallic
Shape: Cube

Mineral Identification Card

STC/Rocks and Minerals

GRAPHITE

Feel: Rough
Color: Silver black
Streak: Black
Hardness: Soft; scratched by penny
Light: No light shines through
Luster: Metallic; sometimes dull or greasy
Shape: No special shape

Mineral Identification Card

STC/Rocks and Minerals

GYPSUM (ALABASTER)

Feel: Rough; often crumbling at edges
Color: White or light pink, gray, or brown
Streak: White or pale
Hardness: Soft; scratched by penny
Light: A little light shines through
Luster: Waxy, pearly
Shape: No special shape

Mineral Identification Card

STC/Rocks and Minerals

HEMATITE

Feel: Rough
Color: Black or red
Streak: Gray, black, or reddish brown
Hardness: Medium; scratched by nail
Light: No light shines through
Luster: Metallic or dull
Shape: No special shape

Mineral Identification Card

STC/Rocks and Minerals

MAGNETITE

Feel: Rough
Color: Black
Streak: Black or gray
Hardness: Medium; scratched by nail
Light: No light shines through
Luster: Metallic
Shape: No special shape

Mineral Identification Card

STC/Rocks and Minerals

MUSCOVITE

Feel: Smooth, slippery
Color: Clear to yellow or pale brown
Streak: White or pale
Hardness: Soft; scratched by penny
Light: A lot of light shines through in thin places
Luster: Glassy
Shape: Thin, flat layers

Mineral Identification Card

STC/Rocks and Minerals

QUARTZ

Feel: Smooth
Color: Clear, white, green, pink, gray, yellow, brown, or red
Streak: White
Hardness: Hard; no scratch
Light: A lot of light shines through
Luster: Glassy
Shape: Six-sided crystal or a crystalline mass

Mineral Identification Card

STC/Rocks and Minerals

SULFUR

Feel: Parts smooth and parts rough; crumbly
Color: Yellow
Streak: White
Hardness: Soft; scratched by penny
Light: No light shines through
Luster: Waxy
Shape: Masses not fully crystallized, some crystals

Mineral Identification Card

STC/Rocks and Minerals

TALC

Feel: Soft; like powder
Color: Light to medium gray
Streak: White
Hardness: Very soft; scratched by penny
Light: No light shines through
Luster: Pearly, waxy
Shape: No special shape

Mineral Identification Card

STC/Rocks and Minerals