

## ROCKS & MINERALS OF THE UNITED STATES



### Adamite - $Zn_3(AsO_4)_2(OH)$

Streak: White  
Luster: Vitreous  
Crystal Shape: Clustered prisms  
Fluorescent: Yes  
Hardness: 3.5 Magnetic: No  
Transparency: Transparent to translucent  
Color: Various, most commonly yellow-green  
Misc: Commonly found near zinc and lead ore



### Amethyst - $SiO_2$

Streak: White  
Luster: Vitreous  
Crystal shape: 6-sided prism  
Fluorescent: No  
Hardness: 7 Magnetic: No  
Transparency: Transparent to translucent  
Color: Shades of purple  
Misc: Widely found within geodes



### Agate - $SiO_2$

Streak: White  
Luster: Waxy  
Crystal Shape: Microcrystalline  
Fluorescent: Sometimes  
Hardness: 6.5-7 Magnetic: No  
Transparency: Translucent to opaque  
Color: Various, banded in a variety of colors  
Misc: Often found in volcanic rocks and ancient lava flows



### Amphibolite - Various

Streak: White to gray  
Luster: Submetallic to dull  
Texture: Weakly foliated  
Fluorescent: No  
Hardness: 5-6 Magnetic: No  
Transparency: Opaque  
Color: Dark green, black, or brown  
Misc: Widely used as construction material



### Alexandrite - $BeAl_2O_4$

Streak: White  
Luster: Vitreous  
Crystal shape: Tabular  
Fluorescent: Sometimes  
Hardness: 8.5 Magnetic: No  
Transparency: Transparent to translucent  
Color: Green to reddish-purple depending on lighting  
Misc: Frequently found in mica schists



### Andalusite - $Al_2SiO_5$

Streak: White  
Luster: Vitreous to pearly  
Crystal shape: Prismatic  
Fluorescent: No  
Hardness: 7.5 Magnetic: No  
Transparency: Transparent to translucent  
Color: Most commonly brown, green, or pink  
Misc: Can change color when viewed from different angles



### Amazonite - $KAlSi_3O_8$

Streak: White  
Luster: Vitreous to pearly  
Crystal shape: Prismatic  
Fluorescent: No  
Hardness: 6-6.5 Magnetic: No  
Transparency: Translucent to opaque  
Color: Green to blue-green  
Misc: Named for the Amazon River but was never found there!



### Andesite - Various

Streak: White to light gray  
Luster: Vitreous  
Texture: Usually fine-grained  
Fluorescent: No  
Hardness: 6-7 Magnetic: No  
Transparency: Opaque  
Color: Gray to black  
Misc: Often contains phenocrysts (large conspicuous crystals)



### Amber - $C_{10}H_{16}O$

Streak: White  
Luster: Resinous  
Crystal shape: Amorphous  
Fluorescent: Yes  
Hardness: 2-2.5 Magnetic: No  
Transparency: Transparent to translucent  
Color: Yellow, orange, brown, sometimes red  
Misc: Can contain ancient insects and plants



### Anorthosite - Various

Streak: White  
Luster: Vitreous to pearly  
Texture: Coarse-grained  
Fluorescent: No  
Hardness: 6-6.5 Magnetic: No  
Transparency: Opaque  
Color: Light to dark gray, bluish-gray, or white  
Misc: Gives the Moon's surface its light color



# Field Guide Mineral Rock

**WJ Hussar**



**Field Guide Mineral Rock:**

## Reviewing **Field Guide Mineral Rock**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Field Guide Mineral Rock**," an enthralling opus penned by a highly acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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