

Name \_\_\_\_\_

# Mineral Identification Lab

## Mineral Properties

Mineral Number	Color	Luster (NM or M)	Light Interaction	Streak (Color)	Hardness 1 - 10	Cleavage or Fracture	Density
1							
2							
3							
4							
5							
6							
7							
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9							
10							
11							
12							
13							
14							
15							
16							

# Final Results

Mineral Number	Mineral Name
1	
2	
3	
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16	

# Mineral Characteristics Data Table

Mineral Name	Density	Color	Luster	Light Interaction	Streak	Hardness	Cleavage
Talc	2.5-2.8	White to brown	Non-metallic	Opaque	White-green	1	Good
Sulfur	2.0	Yellow	Non-metallic	Opaque	Yellow	2	Poor/No
Gypsum	2.3	White/pink	Non-metallic	Opaque	White	2	Good
Biotite	3.09	Black	Non-metallic	Opaque	Colorless to light brown	2.5	Perfect
Azurite Chrysocolla	3.83	Bluish-green	Non-metallic	Opaque	Light green	3	Poor/No
Copper	8.92	Copper with green-gray coating	Metallic	Opaque	Brownish-red	3	Poor/No
Calcite	2.71	White	Non-metallic	Opaque	White	3	Perfect
Fluorite	3.15	Light green	Non-metallic	Translucent/transparent	Colorless	4	Good
Limonite	2.7-4.3	Yellow-brown	Non-metallic	Opaque	Brown	6	Poor/No
Magnetite	5.2	Gray-brown	Metallic	Opaque	Dark brown	6	Good
Pyrite	4.9	Green-gray	Metallic	Opaque	Gray	6.5	Poor/No
Quartz, red/yellow	2.65	Orange-red	Non-metallic	Opaque	Colorless	7	Poor/No
Quartz, milky white	2.65	Clear white	Non-metallic	Translucent/transparent	Colorless	7	Good
Quartz, rose	2.65	Light pink	Non-metallic	Translucent/transparent	Colorless	7	Good
Feldspar	2.56	White, Pinkish	Non-Metallic	Opaque	White	6	Good
Hematite	5.26	Reddish, Gray	Metallic	Opaque	Reddish-Brown	5-6	Poor/No