"Silvery" specular hardness=5.5-6.5 DARK BROWN HEMATITE (iron ore) STREAK Pink, gray, white, even blue. Black to silvery gray. Fractures. FELDSPAR GRAPHITE Smudges and feels slippery. Two cleavage planes at $\sim 90^{\circ}$. Hardness = 6. (orthoclase, plagioclase) Hardness = 1. (pencil lead) **WILL SCRATCH** Silvery to dark gray. Dense! GLASS GALENA Cubic crystals, cubic cleavage. Milky, rose, smoky, optical, etc. QUARTA Hardness = 2.5. (lead ore) Hexagonal crystals, but fractures. METALLIC Hardness = 7. Glassy luster LUSTER Black. Metallic to dull luster. MAGNETITE START Magnetic. Fractures. Hardness = 6. (lodestone) BLACK Cloudy white to pink (Alabaster). GYPSUM HERE Non-elastic. (Selenite if transparent) Hardness = 2. White streak. Brassy yellow. Very dense. PYRITE Cubic crystals. Fractures. Hardness = 6-6.5. (fool's gold) Colorless to silvery. **MUSCOVITE MICA** One perfect cleavage plane. Layers Hardness = 4. Elastic. Black, shiny, sparkly. HORNBLENDE ШСНТ DARK Two planes of cleavage. Hardness = 5-6. Colorless to white. Salty taste. HALITE Cubic crystals, cubic cleavage. Hardness = 2.5. (salt) Black to brown. Elastic. BIOTITE MICA One perfect cleavage plane. (LEAVAGES Colorless to white, gray, etc. Hardness = 2.5-3.0.CALCITE Cleavages not at 90°, (rhombohedral) NON-METALLIC Hardness=3. Fizzes in HCl acid. **WILL NOT** LUSTER **SCRATCH GLASS** Flint = gray, Jasper = red. OUARTZ Conchoidial fracture. Dull luster. Purple to green to colorless. FLUORITE Hardness=7.. (chalcedony) Glassy luster. Octahedral cleavage. Hardness = 4. Will not fizz in HCl acid. REDDIS Dark gray to rusty red. HEMATITE ARK BROWN Dull luster. Sometimes "silvery." White to greenish gray. TALC STREAK Hardness = 5.5-6.5. (iron ore) Feels soapy. Pearly luster. RUSTY Hardness=1. (soapstone) LUSTER White, but often stained. KAOLIN Yellowish to rusty brown. LIMONITE Dull luster. Earthy odor when damp. Dull luster. CLEAVAGE Hardness = 2. (chalky) Hardness = 6. (goethite) Yellow, smells like matches when SULFUE scratched hardness=2