		Group	XL system	Hard.	Sp.Gr.	Luster	Streak	Cleavage	Fracture
1	Albite (Plagioclase group)								
2	Almandine (Garnet)								
3	Amazonite (Microcline)								
4	Apatite								
5	Aragonite								
6	Augite (Pyroxene)								
7	Azurite								
8	Bauxite								
9	Barite								
10	Beryl								
11	Biotite (Mica)								
12	Bornite								
13	Calcite								
14	Celestite								
15	Chalcopyrite								
16	Copper								
17	Corundum								
18	Diamond								
19	Dolomite								
20	Epidote								
21	Feldspar (Orthoclase group)								
22	Fluorite								
23	Galena								
24	Goethite								
25	Gold								
26	Graphite								
27	Gypsum (Alabaster)								
28	Gypsum (Satin-Spar)								
29	Gypsum (Selenite)								
30	Halite								

		Group	XL system	Hard.	Sp.Gr.	Luster	Streak	Cleavage	Fracture
31	Hematite								
32	Hornblende (Amphibole)								
33	Kaolinite								
34	Lepidolite								
35	Magnetite								
36	Malachite								
37	Muscovite (Mica)								
38	Olivine								
39	Opal								
40	Pyrite								
41	Quartz (Agate/Onyx)								
42	Quartz (Amethyst)								
43	Quartz (Chalcedony)								
44	Quartz (Citrine)								
45	Quartz (Crystal)								
46	Quartz (Jasper)								
47	Quartz (Milky)								
48	Quartz (Rose)								
49	Rhodonite								
50	Silver								
51	Sodalite								
52	Sphalerite								
53	Staurolite								
54	Sulfur/Sulphur								
55	Talc								
56	Topaz								
57	Tourmaline group								
58	Tremolite								
59	Ulexite								

Chemical composition

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