

<b>Sample</b>	<b>Rock or Mineral</b>	<b>Source Location</b>	<b>Physical Sample Available</b>	<b>Notes</b>
1	Banded Iron	Jasper Knob, Ishpeming, MI	Y	
2	Talc	Corundum Knob, Shooting Creek, NC	Y	
3	Chapel Rock Sandstone (Arkosic)	Tahquamenon Falls, MI		
4	Jacobsville Sandstone (Lithic)	Marquette, MI		
5	Kona Dolomite (Quartzose)	Harvey, MI	Y	
6	Bentonite (After volcanic ash)	Sharps Fm., SD	Y	
7	Diamict Clay	Lakeside park on Fabun Rd, Glenn, MI		
8	Crystalline Dolomite (Niagaran)	MGRRE core library, Kalamazoo, MI		
9	White Gypsum	Unknown	Y	Labeled Sample
10	Chromite	Stillwater Complex, MT		Labeled Sample
11	Orange Gypsum	Unknown		Labeled Sample
12	Biotite	Lake Mine, Sylvan Lake, SD	Y	
13	Almandine Garnet	Keystone, SD		
14	Malachite	Unknown	Y	Labeled Sample. Does not appear to actually be malachite in entirety.
15	Calcite	Unknown	Y	
16	Azurite	Unknown	Y	Labeled Sample. Appears to include Bismuth.
17	Anthracite Coal	Grand Ledge, MI	Y	
18	Dunite (Olivinite)	Corundum Knob, Shooting Creek, NC	Y	
19	Antrim Shale	MGRRE core library, Kalamazoo, MI	Y	
20	Limestone (Upper Niagaran)	MGRRE core library, Kalamazoo, MI	Y	
21	Shale (Lower Niagaran)	MGRRE core library, Kalamazoo, MI	Y	
22	Powdery Chert (Niagaran)	MGRRE core library, Kalamazoo, MI	Y	Powdery chert is largely halides
23	Halite (Niagaran)	MGRRE core library, Kalamazoo, MI	Y	Actually a mixture of Na+Mg+K+Ca, and Cl+Br
24	Sandstone (Micaceous Siltstone)	MGRRE core library, Kalamazoo, MI	Y	Calhoun County, near-surface

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25	Limestone (Petoskey Stone)	MGRRE core library, Kalamazoo, MI	Y	
26	Limestone (Muddy)	MGRRE core library, Kalamazoo, MI	Y	
27	Obsidian (White)	Unknown		
28	Amygdaloidal Basalt	Portage Lake Volcanics, Marquette, MI	Y	
29	Specularite (Hematite)	Beacon Mine, Champion, MI	Y	
30	Iron Pyrite	Unknown	Y	Labeled Sample, glassy variety
31	Muscovite	Helicopter Mine, Sanator, SD	Y	
32	Magnesite	Unknown	Y	Labeled Sample
33	Chlorite-Garnet Schist	Beacon Mine, Champion, MI	Y	
34	Chrystalline Marble	Unknown	Y	Labeled Sample
35	Schorl Tourmaline	Helicopter Mine, Sanator, SD	Y	Blue tinted by high zinc content (RARE)
36	Brown Gypsum (Selenite Rose)	Unknown	Y	Labeled Sample
37	Magnetite	Beacon Mine, Champion, MI	Y	Shows triple pile-ups and double pile-ups with escapes. May show quad pile-up.
38	Amazonite (Microcline)	Unknown	Y	
39	Zinc-Cadmium Pyrite	Unknown	Y	High Cadmium
40	Orthoclase	Bob Ingersol Mine, Keystone, SD	Y	Appears to be a solution of Na+Ca+K Feldspar
41	Metagranite	Compeau Creek, Marquette, MI	Y	
42	Staurolite Schist	Keystone, SD		Staurolite, Muscovite, Almandine
43	Copper Porphyry	Kewanawan Basalts, Kewanawan Peninsula, MI	Y	
44	Triphyllite	Bob Ingersol Mine, Keystone, SD	Y	Appears to contain mostly phosphophyllite
45	Taconite Pellet	Palmer, MI		
46	Blue Phyllite (Schist)	Keystone, SD	Y	

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47	Smaragdite (Tremolite)	Corundum Knob, Shooting Creek, NC	Y	Contains rubies
48	Sandstone (Pennsylvanian)	Breathitt Fm., Jellico, TN		Contains stump fossils
49	Lollingite	Bob Ingersol Mine, Keystone, SD	Y	
50	Blue Slate	Unknown	Y	
51	Kona Slate (Interbed from Dolomite)	Harvey, MI		Possible ash bed
52	Galena	Howardsville, CO	Y	
53	Hornblende	Unknown	N	Labeled Sample
54	Aragonite (fibrous)	Unknown	Y	Labeled Sample, Probably cave fm.
55	Rhodochrosite	Unknown	N	Labeled Sample
56	Celestite	Unknown	N	Labeled Sample
57	Sylvite	Unknown	N	Labeled Sample
58	Sandstone (Pure White)		N	Crushed Sample (Neal Turluck Thesis)
59	Ankerite (Dolomite)	Beacon Mine, Champion, MI	N	Metamorphic, adjacent to chlorite schist
60	Diopside	Unknown	Y	Labeled Sample
61	Tantalite	Bob Ingersol Mine, Keystone, SD	N	
62	Vanadinite	Unknown	N	Labeled Sample
63	Pyrolusite	Unknown	N	Labeled Sample
64	Cassiterite	Unknown	N	Also contains Ta/Nb
65	Kyanite	Bob Ingersol Mine, Keystone, SD		Also contains Ta/Nb/Sn
66	Molybdenite	Unknown	N	Labeled Sample, also contains Ta/Nb
67	Albite (Cleavelandite)	Bob Ingersol Mine, Keystone, SD	Y	Also contains Ta/Nb/Sn
68	Mesnard Quartzite	Harvey, MI		
69	Metabasalt (Mona Schist)	Ishpeming, MI	Y	
70	Sulfide Deposit	Beacon Mine, Champion, MI	Y	Contains Fe Cu
71	Gneiss	Lake Superior lakeshore	Y	
72	Diorite	Kalamazoo gravel pit	Y	

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73	Gabbro	Kalamazoo gravel pit	Y	
74	Granite	Kalamazoo gravel pit	Y	
75	Lepidolite	Bob Ingersol Mine, Keystone, SD		Includes Cs
76	Lollingite	Unknown	N	Unlabeled, Thrown out by WMU GeoClub
77	Glacial Cement	Kalamazoo gravel pit	Y	
78	Limestone (Ooidic, Missippian)	Newman Limestone Outcrop, Olive Hill, KY	Y	Dolomitized, Crystalline in places
79	Basalt	Unknown	Y	
80	Rhyolite	Unknown	Y	Contains P
81	Tremolite	Unknown	Y	Contains pyrite