

Michigan Minerals Listed by Mineral Name

Based on MI DEQ GSD Bulletin 6 "Mineralogy of Michigan"

Actinolite, Dickinson, Gogebic, Gratiot, and Marquette counties

Aegirinaugite, Marquette County

Aegirine, Marquette County

Albite, Dickinson, Gratiot, Houghton, Keweenaw, and Marquette counties

Algodonite, Baraga, Houghton, Keweenaw, and Ontonagon counties

Allanite, Gogebic, Iron, and Marquette counties

Almandite, Dickinson, Keweenaw, and Marquette counties

Alunite, Iron County

Analcite, Houghton, Keweenaw, and Ontonagon counties

Anatase, Gratiot, Houghton, Keweenaw, Marquette, and Ontonagon counties

Andalusite, Iron, and Marquette counties

Andesine, Keweenaw County

Andradite, Dickinson County

Anglesite, Marquette County

Anhydrite, Bay, Berrien, Gratiot, Houghton, Isabella, Kalamazoo, Kent, Keweenaw, Macomb, Manistee, Marquette, Mason, Mecosta, Midland, Monroe, Muskegon, Newaygo, Ogemaw, Ontonagon, Osceola, St. Clair, and Wayne counties

Ankerite, Alpena, Houghton, Keweenaw, and Marquette counties

Annabergite, Keweenaw County

Anorthite, Dickinson County

Anthonyite, Houghton County

Anthophyllite, Dickinson, and Marquette counties

Antigorite, Dickinson, and Marquette counties

Apatite, Baraga, Dickinson, Houghton, Iron, Kalkaska, Keweenaw, Marquette, and Monroe counties

Aphrosiderite, Gogebic, Iron, and Marquette counties

Apophyllite, Houghton, and Keweenaw counties

Aragonite, Gogebic, Iron, Jackson, Marquette, and Monroe counties

Arsenopyrite, Marquette, and Menominee counties

Atacamite, Houghton, Keweenaw, and Ontonagon counties

Augite, Dickinson, Genesee, Gratiot, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Awarurite, Marquette County

Axinite, Gogebic, and Marquette counties

Azurite, Dickinson, Keweenaw, Marquette, and Ontonagon counties

Babingtonite, Keweenaw County

Barite, Alpena, Baraga, Eaton, Gogebic, Houghton, Iron, Keweenaw, Marquette, Monroe, and Ontonagon counties

Bassetite, Iron County

Bastnaesite, Ontonagon County

Beryl, Baraga, Dickinson, and Marquette counties

Biotite, Marquette County

Bismuthinite, Marquette County

Blomstrandine, Marquette County

Bornite, Gratiot, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Brannerite, Marquette County

Braunite, Iron, and Keweenaw counties

Brochantite, Keweenaw County

Brookite, Genesee, and Jackson counties

Brucite, Houghton, and Marquette counties

Brunsvigite, Marquette County

Buttgenbachite, Houghton County

Bytownite, Dickinson, and Keweenaw counties

Calciovolborthite, Keweenaw County

Calcite, Alpena, Arenac, Baraga, Calhoun, Chippewa, Dickinson, Eaton, Gogebic, Houghton, Huron, Iron, Jackson, Kent, Keweenaw, Marquette, Monroe, Ontonagon, Ottawa, Presque Isle, Shiawassee, St. Clair, St. and Joseph counties

Calumetite, Houghton County

Carnallite, Wayne County

Celestite, Chippewa, Eaton, Kent, Marquette, Monroe, Newaygo, and Wayne counties

Chalcocite, Baraga, Gogebic, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Chalconatronite, Houghton County

Chalcopyrite, Alpena, Baraga, Dickinson, Gogebic, Gratiot, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Chamosite, Gogebic, Houghton, Iron, Keweenaw, Marquette County

Chloanthite, Keweenaw County

Chlorite, Baraga, Dickinson, Gogebic, Gratiot, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Chloritoid, Houghton, Iron, Keweenaw, and Marquette counties

Chromite, Dickinson, Marquette, and Ontonagon counties

Chromium Silicates, Gogebic, and Marquette counties

Chrysocolla, Houghton, Keweenaw, and Ontonagon counties

Chrysotile, Dickinson, and Marquette counties

Cinnabar, Baraga County

Clinochlore, Baraga, and Marquette counties

Clino-Chrysotile, Marquette County

Clinzoisite, Dickinson, Houghton, Iron, Keweenaw, and Marquette counties

Columbite, Dickinson, and Marquette counties

Copper, Alpena, Baraga, Dickinson, Gogebic, Gratiot, Houghton, Iron, Kent, Keweenaw, Marquette, Ontonagon, and Tuscola counties

Cordierite, Marquette County

Corundum, Iron, Marquette, and Wayne counties

Covellite, Keweenaw, Marquette, and Ontonagon counties

Cubanite, Marquette County

Cumingtonite, Dickinson, and Marquette counties

Cuprite, Houghton, Keweenaw, and Ontonagon counties

Datolite, Houghton, Keweenaw, and Ontonagon counties

Delessite, Houghton, Keweenaw, and Ontonagon counties

Diabantite, Houghton, Keweenaw, and Marquette counties

Diamond, Cass, Ingham, Iron, and Kent counties

Dickite, Gogebic, Iron, and Marquette counties

Digenite, Gratiot, Keweenaw, and Ontonagon counties

Diopside, Dickinson, Houghton, Keweenaw, and Marquette counties

Dioptase, Ontonagon County

Djurleite, Keweenaw, and Ontonagon counties

Dolomite, Alpena, Charlevoix, Dickinson, Gogebic, Houghton, Huron, Iron, Jackson, Keweenaw, Mackinac, Marquette, Monroe, Newaygo, Ontonagon, Ottawa, and Wayne counties

Domeykite, Houghton, Keweenaw, and Ontonagon counties

Enstatite, Dickinson, Genesee, Iron, and Marquette counties

Epidote, Gratiot, Houghton, Keweenaw, Marquette, and Ontonagon counties

Epsomite, Wayne County

Erythrite, Keweenaw County

Euclase, Marquette County

Euxenite, Marquette County

Faujasite, Keweenaw, and Marquette counties

Fluorite, Bay, Dickinson, Eaton, Gogebic, Houghton, Isabella, Kalkaska, Keweenaw, Marquette, Monroe, Ontonagon, Wayne, and Wexford counties

Freirinite, Keweenaw County

Fuchsitep, Keweenaw County

Galena, Baraga, Branch, Dickinson, Dickinson, Eaton, Gogebic, Huron, Huron, Huron, Iron, Keweenaw, Marquette, Marquette, and Ontonagon counties

Gibbsite, Marquette County

Glauconite, Alger, Eaton, Huron, and Jackson counties

Goethite, Baraga, Calhoun, Dickinson, Gogebic, Iron, Jackson, Marquette, Monroe, Schoolcraft, Van and Buren counties

Gold, Allegan, Antrim, Baraga, Charlevoix, Dickinson, Emmet, Gogebic, Ingham, Ionia, Iron, Kalkaska, Kent, Leelanau, Livingston, Manistee, Marquette, Montcalm, Newaygo, Oakland, Oceana, Ontonagon, Ottawa, St. Joseph, and Wexford counties

Graphite, Baraga, Dickinson, Gogebic, Iron, Livingston, and Marquette counties

Greenalite, Dickinson, Gogebic, Iron, and Marquette counties

Greenockite, Iron, and Ontonagon counties

Grunerite, Baraga, Dickinson, Gogebic, Iron, and Marquette counties

Guerinite, Keweenaw County

Gypsum, Arenac, Baraga, Delta, Dickinson, Eaton, Gogebic, Houghton, Huron, Ionia, Iosco, Iron, Kent, Keweenaw, Mackinac, Marquette, Monroe, Newaygo, Ogemaw, Ontonagon, and Wayne counties

Halite, Alpena, Bay, Houghton, Manistee, Mason, Midland, Newaygo, Presque Isle, Saginaw, St. Clair, and Wayne counties

Halloysite, Marquette County

Halotrichite, Iron County

Hausmannite, Gogebic, Iron, and Marquette counties

Hematite, Dickinson, Gogebic, Houghton, Iron, Keweenaw, and Marquette counties

Heulandite, Keweenaw County

Hisingerite, Gogebic County

Hollandite, Keweenaw County

Hornblende, Dickinson, Gogebic, Iron, Keweenaw, and Marquette counties

Hydrocarbon, Ontonagon County

Hydrohausmannite, Iron County

Hypersthene, Genesee, Keweenaw, and Marquette counties

Iddingsite, Houghton, and Keweenaw counties

Illite, Baraga, Houghton, Iron, Marquette, and Ontonagon counties

Imenite, Dickinson, Genesee, Gratiot, Houghton, Iron, and Keweenaw counties

Jacobsite, Marquette County

Julgoldite, Keweenaw County

Kamiokite, Keweenaw County

Kaolinite, Gogebic, Houghton, Iron, Keweenaw, and Marquette counties

Kinoite, Houghton County

Kutnahorite, Marquette County

Kyanite, Genesee, Iron, and Marquette counties

Labradorite, Dickinson, Houghton, Iron, Keweenaw, Keweenaw, and Marquette counties

Langite, Keweenaw County

Laumontite, Dickinson, Gogebic, Houghton, and Keweenaw counties

Lavendulan, Keweenaw County

Leonhardite, Houghton, and Keweenaw counties

Lepidocrocite, Dickinson County

Leucoxene, Genesee, Houghton, and Keweenaw counties

Lizardite, Dickinson, and Marquette counties

Mackinawite, Marquette County

Magnesiosussexite, Gogebic County

Magnetite, Baraga, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Malachite, Dickinson, Gogebic, Houghton, Keweenaw, Marquette, and Ontonagon counties

Manganite, Baraga, Gogebic, Houghton, Iron, Keweenaw, and Marquette counties

Manganocalcite, Marquette County

Marcasite, Alpena, Antrim, Baraga, Calhoun, Charlevoix, Chippewa, Dickinson, Eaton, Huron, Iron, Jackson, Marquette, Monroe, and Ontonagon counties

Margarite, Marquette County

Maucherite, Keweenaw County

Melanterite, Baraga, and Huron counties

Melilite, Houghton County

Mesolite, Iron, and Keweenaw counties

Meta-Autunite, Iron County

Metatorbernite, Iron County

Metatyuyamunite, Iron County

Microcline, Dickinson, Gogebic, Gratiot, Houghton, Iron, Keweenaw, Marquette, and Ontonagon counties

Millerite, Huron, and Marquette counties

Minnesotaite, Baraga, Gogebic, and Marquette counties

Mirabilite, Dickinson, and Houghton counties

Molybdenite, Dickinson, Gogebic, Marquette, and Ontonagon counties

Monazite, Houghton, and Marquette counties

Montmorillonite, Baraga, Emmet, Gogebic, Houghton, Marquette, Ontonagon, and Wexford counties

Muscovite, Dickinson, Gogebic, Houghton, Iron, Keweenaw, and Marquette counties

Nacrite, Marquette County

Nantokite, Ontonagon County

Natrojarosite, Iron County

Natrolite, Houghton, and Keweenaw counties

Neltnerite, Keweenaw County

Neotocite, Gogebic, and Iron counties

Niccolite, Keweenaw County

Nontronite, Dickinson, Gogebic, and Marquette counties

Oligoclase, Dickinson, and Marquette counties

Olivenite, Houghton County

Olivine, Houghton, Iron, Keweenaw, and Marquette counties

Orientite, Keweenaw County

Orthoclase, Houghton, Keweenaw, and Marquette counties

Palygorskite, Baraga, and Gogebic counties

Paragonite, Dickinson, and Marquette counties

Paramelaconite, Ontonagon County

Pararammelsbergite, Keweenaw County

Paratacamite, Houghton, and Ontonagon counties

Pargasite, Marquette County

Patricianite, Keweenaw County

Pectolite, Keweenaw County

Pennine, Dickinson, Houghton, and Keweenaw counties

Pentlandite, Marquette County

Pharmacolite, Keweenaw County

Phlogopite, Dickinson, Iron, and Marquette counties

Picropharmacolite, Keweenaw County

Pigeonite, Dickinson, Iron, Keweenaw, Marquette, and Ontonagon counties

Plancheite, Ontonagon County

Polyhalite, Newaygo, and Wayne counties

Posnjakite, Keweenaw County

Powellite, Houghton, and Marquette counties

Prehnite, Gratiot, Houghton, Keweenaw, and Ontonagon counties

Prochlorite, Houghton, Keweenaw, and Marquette counties

Pseudomalachite, Marquette County

Psilomelane, Calhoun, Dickinson, Gogebic, Iron, and Marquette counties

Pumpellyite, Houghton, and Keweenaw counties

Pyrite, Alger, Alpena, Antrim, Baraga, Branch, Calhoun, Clare, Dickinson, Eaton, Gogebic, Gratiot, Houghton, Huron, Iron, Jackson, Keweenaw, Marquette, Monroe, Newaygo, Ogemaw, Ontonagon, Presque Isle, Saginaw, Washtenaw, and Wayne counties

Pyrolusite, Baraga, Calhoun, Gogebic, Iron, Keweenaw, and Marquette counties

Pyrope, Iron County

Pyrophyllite, Marquette County

Pyrostilpnite, Marquette County

Pyrrhotite, Dickinson, Houghton, Iron, and Marquette counties

Quartz, Alger, Antrim, Arenac, Charlevoix, Chippewa, Dickinson, Gogebic, Houghton, Huron, Iron, Keweenaw, Luce, Marquette, Monroe, Ontonagon, Schoolcraft, Van Buren, and Wayne counties

Rammelsbergite, Keweenaw County

Rauenthalite, Keweenaw County

Rhodochrosite, Gogebic, Houghton, Iron, Keweenaw, and Marquette counties

Rhodonite, Iron, and Marquette counties

Riebeckite, Dickinson, Gogebic, and Marquette counties

Rutherfordine, Dickinson County

Rutile, Iron, and Marquette counties

Sanidine, Iron, Keweenaw, and Ontonagon counties

Saponite, Houghton, Keweenaw, and Ontonagon counties

Scapolite, Dickinson County

Scheelite, Marquette County

Schefferite, Marquette County

Seamanite, Iron County

Siderite, Alpena, Branch, Dickinson, Eaton, Gogebic, Houghton, Huron, Iron, and Marquette counties

Sillimanite, Iron, and Marquette counties

Silver, Baraga, Dickinson, Houghton, Iron, Keweenaw, Livingston, Marquette, and Ontonagon counties

Smaltite, Keweenaw County

Spessartite, Marquette County

Sphalerite, Alpena, Baraga, Branch, Eaton, Gogebic, Huron, Iron, Keweenaw, Marquette, Ontonagon, and Tuscola counties

Sphene, Gogebic, Gratiot, Houghton, Iron, Marquette, and Ontonagon counties

Spinel, Huron, Iron, and Marquette counties

Spodumene, Marquette County

Staurolite, Baraga, Dickinson, Iron, and Marquette counties

Stilbite, Houghton, and Keweenaw counties

Stilpnomelane, Gogebic, Iron, and Marquette counties

Strontianite, Alpena, Iron, and Monroe counties

Sulfur, Monroe County

Sussexite, Iron County

Sylvite, Midland, and Newaygo counties

Synchisite, Ontonagon County

Talc, Dickinson, Gogebic, Iron, and Marquette counties

Tellurium, Marquette County

Tenorite, Keweenaw, and Ontonagon counties

Tetrahedrite, Marquette county

Thomsonite, Alger, Houghton, and Keweenaw counties

Thuringite, Houghton, and Keweenaw counties

Tourmaline, Dickinson, Houghton, Iron, Marquette, and Monroe counties

Tremolite, Dickinson, Gogebic, Gratiot, Houghton, Iron, and Marquette counties

Trichalcite, Keweenaw County

Tridymite, Ontonagon County

Tyrolite, Keweenaw County

Uraninite, Dickinson, and Iron counties

Uvarovite, Genesee County

Vermiculite, Houghton, Keweenaw, and Marquette counties

Violarite, Marquette County

Vivianite, Eaton County

Vladimirite, Keweenaw County

Wollastonite, Dickinson, and Keweenaw counties

Wurtzite, Ontonagon County

Xonotlite, Keweenaw County

Zircon, Dickinson, Houghton, Keweenaw, Marquette,
and Ontonagon counties

Zoisite, Dickinson, and Genesee counties

Zonochlorite, Keweenaw County

Michigan Minerals Listed by County

Alger County, Glaucosite, Pyrite, Quartz,
Thomsonite

Allegan County, Gold

Alpena County, Ankerite, Barite, Calcite,
Chalcopyrite, Copper, Dolomite, Halite, Marcasite,
Pyrite, Siderite, Sphalerite, Strontianite

Antrim County, Gold, Marcasite, Pyrite, Quartz

Arenac County, Calcite, Gypsum, Quartz

Baraga County, Algodonite, Apatite, Barite, Beryl,
Calcite, Chalcocite, Chalcopyrite, Chlorite, Cinnabar,
Clinocllore, Copper, Galena, Goethite, Gold,
Graphite, Grunerite, Gypsum, Illite, Magnetite,
Manganite, Marcasite, Melanterite, Minnesotaite,
Montmorillonite, Palygorskite, Pyrite, Pyrolusite,
Silver, Sphalerite, Staurolite

Bay County, Anhydrite, Fluorite, Halite

Berrien County, Anhydrite

Branch County, Galena, Pyrite, Siderite,
Sphalerite

Calhoun County, Calcite, Goethite, Marcasite,
Psilomelane, Pyrite, Pyrolusite

Cass County, Diamond

Charlevoix County, Dolomite, Gold, Marcasite,
Quartz

Chippewa County, Calcite, Celestite, Marcasite,
Quartz

Clare County, Pyrite

Delta County, Gypsum

Dickinson County, Actinolite, Albite, Almandite,
Andradite, Anorthite, Anthophyllite, Antigorite,
Apatite, Augite, Azurite, Beryl, Bytownite, Calcite,
Chalcopyrite, Chlorite, Chromite, Chrysotile,
Clinzoisite, Columbite, Copper, Cumingtonite,
Diopside, Dolomite, Enstatite, Fluorite, Galena,
Galena, Goethite, Gold, Graphite, Greenalite,
Grunerite, Gypsum, Hematite, Hornblende, Ilmenite,
Labradorite, Laumontite, Lepidocrocite, Lizardite,

Magnetite, Malachite, Marcasite, Microcline,
Mirabilite, Molybdenite, Muscovite, Nontronite,
Oligoclase, Paragonite, Pennine, Phlogopite,
Pigeonite, Psilomelane, Pyrite, Pyrrhotite, Quartz,
Riebeckite, Rutherfordine, Scapolite, Siderite, Silver,
Staurolite, Talc, Tourmaline, Tremolite, Uraninite,
Wollastonite, Zircon, Zoisite

Eaton County, Barite, Calcite, Celestite, Fluorite,
Galena, Glaucosite, Gypsum, Marcasite, Pyrite,
Siderite, Sphalerite, Vivianite

Emmet County, Gold, Montmorillonite

Genesee County, Augite, Brookite, Enstatite,
Hypersthene, Ilmenite, Kyanite, Leucocoxene,
Uvarovite, Zoisite

Gogebic County, Actinolite, Allanite,
Aphrosiderite, Aragonite, Axinite, Barite, Calcite,
Chalcocite, Chalcopyrite, Chamosite, Chlorite,
Chromium Silicates, Copper, Dickite, Dolomite,
Fluorite, Galena, Goethite, Gold, Graphite,
Greenalite, Grunerite, Gypsum, Hausmannite,
Hematite, Hisingerite, Hornblende, Kaolinite,
Laumontite, Magnesiosussexite, Magnetite,
Malachite, Manganite, Microcline, Minnesotaite,
Molybdenite, Montmorillonite, Muscovite, Neotocite,
Nontronite, Palygorskite, Psilomelane, Pyrite,
Pyrolusite, Quartz, Rhodochrosite, Riebeckite,
Siderite, Sphalerite, Sphene, Stilpnomelane, Talc,
Tremolite

Gratiot County, Actinolite, Albite, Anatase,
Anhydrite, Augite, Bornite, Chalcopyrite, Chlorite,
Copper, Digenite, Epidote, Ilmenite, Microcline,
Prehnite, Pyrite, Sphene, Tremolite

Houghton County, Albite, Algodonite, Analcite,
Anatase, Anhydrite, Ankerite, Anthonyite, Apatite,
Apophyllite, Atacamite, Augite, Barite, Bornite,
Brucite, Buttgenbachite, Calcite, Calumetite,
Chalcocite, Chalconatronite, Chalcopyrite,
Chamosite, Chlorite, Chloritoid, Chrysocolla,
Clinzoisite, Copper, Cuprite, Datolite, Delessite,
Diabantite, Diopside, Dolomite, Domeykite, Epidote,
Fluorite, Gypsum, Halite, Hematite, Iddingsite, Illite,
Ilmenite, Kaolinite, Kinoite, Labradorite, Laumontite,
Leonhardite, Leucocoxene, Magnetite, Malachite,
Manganite, Melilite, Microcline, Mirabilite, Monazite,
Montmorillonite, Muscovite, Natrolite, Olivenite,
Olivine, Orthoclase, Paratacamite, Pennine,
Powellite, Prehnite, Prochlorite, Pumpellyite, Pyrite,
Pyrrhotite, Quartz, Rhodochrosite, Saponite,
Siderite, Silver, Sphene, Stilbite, Thomsonite,

Thuringite, Tourmaline, Tremolite, Vermiculite, Zircon

Huron County, Calcite, Dolomite, Galena, Galena, Galena, Glauconite, Gypsum, Marcasite, Melanterite, Millerite, Pyrite, Quartz, Siderite, Sphalerite, Spinel

Ingham County, Diamond, Gold

Ionia County, Gold, Gypsum

Iosco County, Gypsum

Iron County, Allanite, Alunite, Andalusite, Apatite, Aphrosiderite, Aragonite, Augite, Barite, Bassetite, Bornite, Braunite, Calcite, Chalcocite, Chalcopyrite, Chamosite, Chlorite, Chloritoid, Clinozoisite, Copper, Corundum, Diamond, Dickite, Dolomite, Enstatite, Galena, Goethite, Gold, Graphite, Greenalite, Greenockite, Grunerite, Gypsum, Halotrichite, Hausmannite, Hematite, Hornblende, Hydrohausmannite, Illite, Ilmenite, Kaolinite, Kyanite, Labradorite, Magnetite, Manganite, Marcasite, Mesolite, Meta-Autunite, Metatorbernite, Metatyuyamunite, Microcline, Muscovite, Natrojarosite, Neotocite, Olivine, Phlogopite, Pigeonite, Psilomelane, Pyrite, Pyrolusite, Pyrope, Pyrrhotite, Quartz, Rhodochrosite, Rhodonite, Rutile, Sanidine, Seamanite, Siderite, Sillimanite, Silver, Sphalerite, Sphene, Spinel, Staurolite, Stilpnomelane, Strontianite, Sussexite, Talc, Tourmaline, Tremolite, Uraninite

Isabella County, Anhydrite, Fluorite

Jackson County, Aragonite, Brookite, Calcite, Dolomite, Glauconite, Goethite, Marcasite, Pyrite

Kalamazoo County, Anhydrite

Kalkaska County, Apatite, Fluorite, Gold

Kent County, Anhydrite, Calcite, Celestite, Copper, Diamond, Gold, Gypsum

Keweenaw County, Albite, Algodonite, Almandite, Analcite, Anatase, Andesine, Anhydrite, Ankerite, Annabergite, Apatite, Apophyllite, Atacamite, Augite, Azurite, Babingtonite, Barite, Bornite, Braunite, Brochantite, Bytownite, Calciovolborthite, Calcite, Chalcocite, Chalcopyrite, Chamosite, Chloanthite, Chlorite, Chloritoid, Chrysocolla, Clinozoisite, Copper, Covellite, Cuprite, Datolite, Delessite, Diabantite, Digenite, Diopside, Djurleite, Dolomite, Domeykite, Epidote, Erythrite, Faujasite, Fluorite, Freirinite, Fuchsite, Galena,

Guerinite, Gypsum, Hematite, Heulandite, Hollandite, Hornblende, Hypersthene, Iddingsite, Ilmenite, Julgoldite, Kamiokite, Kaolinite, Labradorite, Labradorite, Langite, Laumontite, Lavendulan, Leonhardite, Leucosene, Magnetite, Malachite, Manganite, Maucherite, Mesolite, Microcline, Muscovite, Natrolite, Neltnerite, Niccolite, Olivine, Orientite, Orthoclase, Pararammelsbergite, Patricianite, Pectolite, Pennine, Pharmacolite, Picropharmacolite, Pigeonite, Posnjakite, Prehnite, Prochlorite, Pumpellyite, Pyrite, Pyrolusite, Quartz, Rammelsbergite, Rauenthalite, Rhodochrosite, Sanidine, Saponite, Silver, Smaltite, Sphalerite, Stilbite, Tenorite, Thomsonite, Thuringite, Trichalcite, Tyrolite, Vermiculite, Vladimirite, Wollastonite, Xonotlite, Zircon, Zonochlorite

Leelanau County, Gold

Livingston County, Gold, Graphite, Silver

Luce County, Quartz

Mackinac County, Dolomite, Gypsum

Macomb County, Anhydrite

Manistee County, Anhydrite, Gold, Halite

Marquette County, Actinolite, Aegirinaugite, Aegirine, Albite, Allanite, Almandite, Anatase, Andalusite, Anglesite, Anhydrite, Ankerite, Anthophyllite, Antigorite, Apatite, Aphrosiderite, Aragonite, Arsenopyrite, Augite, Awarurite, Axinite, Azurite, Barite, Beryl, Biotite, Bismuthinite, Blomstrandine, Bornite, Brannerite, Brucite, Brunsvigite, Calcite, Celestite, Chalcocite, Chalcopyrite, Chamosite, Chlorite, Chloritoid, Chromite, Chromium Silicates, Chrysotile, Clinocllore, Clino-Chrysotile, Clinozoisite, Columbite, Copper, Cordierite, Corundum, Covellite, Cubanite, Cummingtonite, Diabantite, Dickite, Diopside, Dolomite, Enstatite, Epidote, Euclase, Euxenite, Faujasite, Fluorite, Galena, Galena, Gibbsite, Goethite, Gold, Graphite, Greenalite, Grunerite, Gypsum, Halloysite, Hausmannite, Hematite, Hornblende, Hypersthene, Illite, Jacobsite, Kaolinite, Kutnahorite, Kyanite, Labradorite, Lizardite, Mackinawite, Magnetite, Malachite, Manganite, Manganocalcite, Marcasite, Margarite, Microcline, Millerite, Minnesotaitite, Molybdenite, Monazite, Montmorillonite, Muscovite, Nacrite, Nontronite, Oligoclase, Olivine, Orthoclase, Paragonite, Pargasite, Pentlandite, Phlogopite, Pigeonite, Powellite, Prochlorite, Pseudomalachite, Psilomelane, Pyrite, Pyrolusite, Pyrophyllite, Pyrostilpnite, Pyrrhotite, Quartz, Rhodochrosite, Rhodonite, Riebeckite, Rutile, Scheelite, Schefferite,

Siderite, Sillimanite, Silver, Spessartite, Sphalerite, Sphene, Spinel, Spodumene, Staurolite, Stilpnomelane, Talc, Tellurium, Tetrahedrite, Tourmaline, Tremolite, Vermiculite, Violarite, Zircon

Mason County, Anhydrite, Halite

Mecosta County, Anhydrite

Menominee County, Arsenopyrite

Midland County, Anhydrite, Halite, Sylvite

Monroe County, Anhydrite, Apatite, Aragonite, Barite, Calcite, Celestite, Dolomite, Fluorite, Goethite, Gypsum, Marcasite, Pyrite, Quartz, Strontianite, Sulfur, Tourmaline

Montcalm County, Gold

Muskegon County, Anhydrite

Newaygo County, Anhydrite, Celestite, Dolomite, Gold, Gypsum, Halite, Polyhalite, Pyrite, Sylvite

Oakland County, Gold

Oceana County, Gold

Ogemaw County, Anhydrite, Gypsum, Pyrite

Ontonagon County, Algodonite, Analcite, Anatase, Anhydrite, Atacamite, Augite, Azurite, Barite, Bastnaesite, Bornite, Calcite, Chalcocite, Chalcopyrite, Chlorite, Chromite, Chrysocolla, Copper, Covellite, Cuprite, Datolite, Delessite,

Digenite, Diopside, Djurleite, Dolomite, Domeykite, Epidote, Fluorite, Galena, Gold, Greenockite, Gypsum, Hydrocarbon, Illite, Magnetite, Malachite, Marcasite, Microcline, Molybdenite, Montmorillonite, Nantokite, Paramelaconite, Paratacamite, Pigeonite, Plancheite, Prehnite, Pyrite, Quartz, Sanidine, Saponite, Silver, Sphalerite, Sphene, Synchronite, Tenorite, Tridymite, Wurtzite, Zircon

Osceola County, Anhydrite

Ottawa County, Calcite, Dolomite, Gold

Presque Isle County, Calcite, Halite, Pyrite

Saginaw County, Halite, Pyrite

Schoolcraft County, Goethite, Quartz

Shiawassee County, Calcite

St. Clair County, Anhydrite, Calcite, Halite

St. Joseph County, Calcite, Gold

Tuscola County, Copper, Sphalerite

Van Buren County, Goethite, Quartz

Washtenaw County, Pyrite

Wayne County, Anhydrite, Carnallite, Celestite, Corundum, Dolomite, Epsomite, Fluorite, Gypsum, Halite, Polyhalite, Pyrite, Quartz

Wexford County, Fluorite, Gold, Montmorillonite

Mineral Names and Chemical Formulas

Actinolite	$\text{Ca}_2(\text{Mg}, \text{Fe}^{++})_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Kaolinite	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$
Almandine	$\text{Fe}^{++}_3\text{Al}_2(\text{SiO}_4)_3$	Kyanite	$\text{Al}_2\text{SiO}_5 = \text{Al}[6]\text{Al}[6]\text{OSiO}_4$
Amalgam	Ag_2Hg_3	Labradorite	$(\text{Ca}, \text{Na})(\text{Si}, \text{Al})_4\text{O}_8$
Amber	$[\text{C}, \text{H}, \text{O}]$	Laumontite	$\text{CaAl}_2\text{Si}_4\text{O}_{12} \cdot 4(\text{H}_2\text{O})$
Analcime	$\text{NaAlSi}_2\text{O}_6 \cdot (\text{H}_2\text{O})$	Lechatelierite	SiO_2
Andalusite	$\text{Al}_2\text{SiO}_5 = \text{Al}[6]\text{Al}[5]\text{OSiO}_4$	Lepidolite	$\text{K}(\text{Li}, \text{Al})_3(\text{Si}, \text{Al})_4\text{O}_{10}(\text{F}, \text{OH})_2$
Andesine	$(\text{Na}, \text{Ca})(\text{Si}, \text{Al})_4\text{O}_8$	Magnesite	MgCO_3
Andradite	$\text{Ca}_3\text{Fe}^{+++}_2(\text{SiO}_4)_3$	Magnetite	$\text{Fe}^{++}\text{Fe}^{+++}_2\text{O}_4$
Anhydrite	CaSO_4	Malachite	$\text{Cu}_2(\text{CO}_3)(\text{OH})_2$
Ankerite	$\text{Ca}(\text{Fe}^{++}, \text{Mg}, \text{Mn})(\text{CO}_3)_2$	Marcasite	FeS_2
Anorthite	$\text{CaAl}_2\text{Si}_2\text{O}_8$	Melanophlogite	SiO_2
Anthophyllite	$\text{Mg}_7\text{Si}_8\text{O}_{22}(\text{OH})_2$	Mercury	Hg
Apatite	$\text{Ca}_5(\text{PO}_4)_3(\text{OH}, \text{F}, \text{Cl})$	Mesolite	$\text{Na}_2\text{Ca}_2\text{Al}_6\text{Si}_9\text{O}_{30} \cdot 8(\text{H}_2\text{O})$
Apophyllite	$\text{KCa}_4(\text{Si}_4\text{O}_{10})_2\text{F} \cdot 8(\text{H}_2\text{O})$	Microcline	KAlSi_3O_8
Aragonite	CaCO_3	Millerite	NiS
Augite	$(\text{Ca}, \text{Na})(\text{Mg}, \text{Fe}, \text{Al}, \text{Ti})(\text{Si}, \text{Al})_2\text{O}_6$	Muscovite	$\text{KAl}_2(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH}, \text{F})_2$
Azurite	$\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$	Natrolite	$\text{Na}_2\text{Al}_2\text{Si}_3\text{O}_{10} \cdot 2(\text{H}_2\text{O})$
Barite	BaSO_4	Oligoclase	$(\text{Na}, \text{Ca})(\text{Si}, \text{Al})_4\text{O}_8$
Biotite	$\text{K}(\text{Mg}, \text{Fe}^{++})_3(\text{Al}, \text{Fe}^{+++})\text{Si}_3\text{O}_{10}(\text{OH}, \text{F})_2$	Olivine	$(\text{Mg}, \text{Fe})_2\text{SiO}_4$
Bytownite	$(\text{Ca}, \text{Na})(\text{Si}, \text{Al})_4\text{O}_8$	Opal	$\text{SiO}_2 \cdot n(\text{H}_2\text{O})$
Calcite	CaCO_3	Orthoclase	KAlSi_3O_8
Cassiterite	SnO_2	Paranatrolite	$\text{Na}_2\text{Al}_2\text{Si}_3\text{O}_{10} \cdot 3(\text{H}_2\text{O})$
Celestine	SrSO_4	Plagioclase	$(\text{Na}, \text{Ca})(\text{Si}, \text{Al})_4\text{O}_8$
Chabazite	$\text{CaAl}_2\text{Si}_4\text{O}_{12} \cdot 6(\text{H}_2\text{O})$	Prehnite	$\text{Ca}_2\text{Al}_2\text{Si}_3\text{O}_{10}(\text{OH})_2$
Chalcocite	Cu_2S	Psilomelane	$(\text{Ba}, \text{H}_2\text{O})_2\text{Mn}_5\text{O}_{10}$
Cinnabar	HgS	Pumpellyite	$\text{Ca}(\text{Al}, \text{Mg}, \text{Fe})_3(\text{SiO}_4)_3(\text{OH}) \cdot (\text{H}_2\text{O})$
Clinocllore	$(\text{Mg}, \text{Fe}^{++})_5\text{Al}(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_8$	Pyrite	FeS_2
Coesite	SiO_2	Pyrope	$\text{Mg}_3\text{Al}_2(\text{SiO}_4)_3$
Copper	Cu	Quartz	SiO_2
Corundum	Al_2O_3	Ramsdellite	MnO_2
Covellite	CuS	Sanidine	$(\text{K}, \text{Na})(\text{Si}, \text{Al})_4\text{O}_8$
Cristobalite	SiO_2	Scapolite	$(\text{Na}, \text{Ca})_4[(\text{Al}, \text{Si})_4\text{O}_8]_3(\text{Cl}, \text{CO}_3)$
Cummingtonite	$\text{Mg}_7\text{Si}_8\text{O}_{22}(\text{OH})_2$	Schorl	$\text{NaFe}^{++}_3\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_4$
Cuprite	Cu_2O	Scolecite	$\text{CaAl}_2\text{Si}_3\text{O}_{10} \cdot 3(\text{H}_2\text{O})$
Datolite	$\text{CaBSiO}_4(\text{OH})$	Seamanite	$\text{Mn}_3(\text{PO}_4)\text{B}(\text{OH})_6$
Diamond	C	Siderite	$\text{Fe}^{++}\text{CO}_3$
Diopside	$\text{CaMgSi}_2\text{O}_6$	Sillimanite	$\text{Al}_2\text{SiO}_5 = \text{Al}[6]\text{Al}[4]\text{OSiO}_4$
Dolomite	$\text{CaMg}(\text{CO}_3)_2$	Silver	Ag
Edingtonite	$\text{BaAl}_2\text{Si}_3\text{O}_{10} \cdot 4(\text{H}_2\text{O})$	Spessartine	$\text{Mn}^{++}_3\text{Al}_2(\text{SiO}_4)_3$
Enstatite	$\text{Mg}_2\text{Si}_2\text{O}_6$	Sphalerite	$(\text{Zn}, \text{Fe})\text{S}$
Epidote	$\text{Ca}_2(\text{Fe}^{+++}, \text{Al})_3(\text{SiO}_4)_3(\text{OH}) =$	Staurolite	$(\text{Fe}^{++}, \text{Mg}, \text{Zn})_2\text{Al}_9(\text{Si}, \text{Al})_4\text{O}_{22}(\text{OH})_2$
Fayalite	$\text{Fe}^{++}_2\text{SiO}_4$	Stishovite	SiO_2
Fluorite	CaF_2	Sulfur	S_8
Forsterite	Mg_2SiO_4	Sylvite	KCl
Galena	PbS	Talc	$\text{Mg}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$
Goethite	$\text{Fe}^{+++}\text{O}(\text{OH})$	Tetranatrolite	$\text{Na}_2\text{Al}_2\text{Si}_3\text{O}_{10} \cdot 2(\text{H}_2\text{O})$
Gold	Au	Thomsonite	$\text{NaCa}_2\text{Al}_5\text{Si}_5\text{O}_{20} \cdot 6(\text{H}_2\text{O})$
Gonnardite	$\text{Na}_2\text{CaAl}_4\text{Si}_6\text{O}_{20} \cdot 7(\text{H}_2\text{O})$	Titanite	$\text{CaTiSiO}_5 = \text{CaTiOSiO}_4$
Graphite	C	Topaz	$\text{Al}_2\text{SiO}_4(\text{F}, \text{OH})_2$
Grossular	$\text{Ca}_3\text{Al}_2(\text{SiO}_4)_3$	Tosudite	$\text{Na}_{0,5}(\text{Al}, \text{Mg})_6(\text{Si}, \text{Al})_8\text{O}_{18}(\text{OH})_{12} \cdot 5(\text{H}_2\text{O})$
Gypsum	$\text{CaSO}_4 \cdot 2(\text{H}_2\text{O})$	Tremolite	$\text{Ca}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$
Halite	NaCl	Tridymite	SiO_2
Hedenbergite	$\text{CaFe}^{++}\text{Si}_2\text{O}_6$	Uvarovite	$\text{Ca}_3\text{Cr}_2(\text{SiO}_4)_3$
Hematite	Fe_2O_3	Wollastonite	CaSiO_3
Hypersthene	$(\text{Mg}, \text{Fe}^{++})_2\text{Si}_2\text{O}_6$		