

## Systematic Mineral List

ABERNATHYITE - Rivieral, Lodeve, Herault Dept., France  
ABHURITE - Wreck of SS Cheerful, 14 Miles NNW of St. Ives, Cornwall, England  
ACANTHITE – Alberoda, Erzgebirge, Saxony, Germany  
ACANTHITE – Brahmaputra Vein, Alberoda, Schlema-Hartenstein District, Erzgebirge, Saxony, Germany  
ACANTHITE – Centennial Eureka Mine, Tintic District, Juab County, Utah  
ACANTHITE – Horn Silver Mine, near Frisco, Beaver County, Utah  
ACANTHITE – Ingleterra Mine, Santa Eulalia, Chihuahua, Mexico  
ACANTHITE – Pribram-Trebsco, Central Bohemia, Czech Republic  
ACANTHITE – Tombstone, Cochise County, Arizona  
ACHTARAGDITE - Acharagda River/Wilui River District, Sakha Republic (Yakutia), Russian Fed.  
ADAMITE Var. Cuproadamite – Kintore Opencut, Broken Hill, New South Wales, Australia  
ADAMITE Var. Cuproadamite - Mine de Cap-Garonne, near Hyers, Dept. Var, France  
ADAMITE Var. Cuproadamite - Tsumcorp Mine, Tsumeb, Namibia  
ADAMITE Var. Cuproadamite – Zinc Hill, Darwin, Inyo County, California  
ADAMITE Var. Manganooan Adamite – El Potosi Mine, Santa Eulalia, Chihuahua, Mexico  
ADREALITE – Moorba Cave, Jurien Bay, W.A., Australia  
AEGIRINE Var. Blanfordite - Tirodi Mines, Madhya Pradesh, Central Provinces, India T  
AENIGMATITE – Chibiny (Khibina) Massif, Kola Peninsula, Russia  
AERINITE - Estopinan, Pyrenees Mountains, Huesca Province, Spain  
AESCHYNITE-(Y) (Priorite) – Arendal, Aust-Adger, Norway  
AFGHANITE – Casa Collina, Pitigliano, Grosseto, Tuscany (Toscana), Italy  
AFGHANITE - Laacher See Region, Ettringen, Bellerberg, Eifel District, Rheinland-Pfalz, Germany  
AFGHANITE – Sar-e-Sang, Bedakhshan Province, Afghanistan  
AFWILLITE - Crestmore Quarry, near Riverside, Riverside County, California  
AGARDITE-(Ce) - Tin Stope, Majuba Hill, Pershing County, Nevada  
AGARDITE-(La) - Hilarion Mine, near Kamareza, Laurium, Attica Peninsula, Greece  
AGARDITE-(La) - Red Cloud Copper Mine, Gallinas Mountains, Lincoln County, New Mexico  
AGARDITE-(Y) - Bou-Skour Mine, Jebel Sarhro, Ouarzazate, Southern Morocco T  
AGARDITE-(Y) - Clara Mine, Black Forest (Schwarzwald), Baden, Germany  
AGARDITE-(Y) - Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
AGRELLITE - Kipawa Complex, Villedieu Township, Temiscaming County, Quebec, Canada T  
AHLFELDITE – El Dragon Mine, Potosi, Bolivia  
AIKINITE – Amax Mine, Kitsault, near Alice Arm, B.C., Canada  
AIKINITE - Beresovsk District, near Ekaterinburg (Sverdlovsk), Ural Mountains, Russia T  
AIKINITE - Magruder Mountains, Esmeralda County, Nevada  
AJOITE – New Cornelia Mine, Ajo, Pima County, Arizona T  
AKATOREITE - near the mouth of Akatore Creek, Taieri, Eastern Otago Prov., New Zealand T  
AKTASHITE - Bambollita Mine, Moctezuma, Sonora, Mexico  
ALABANDITE - near the mouth of Akatore Creek, Taieri, Eastern Otago Province, New Zealand  
ALABANDITE - Preciosa Sangue de Cristo Mine, near Tlalchichuca, State of Puebla, Mexico  
ALABANDITE – Uchucchacua Mine, Oyon Province, Lima Department, Peru  
ALAMOSITE – Artillery Peak, Mohave County, Arizona  
ALBERTITE - Frederick Brook, 6.4 Km SW of Hillsborough, Albert County, N.B., Canada T  
ALBITE Var. Andesine – Portland Harbour Trust Quarry, Cape Sir William Grant, Portland, Victoria, Australia  
ALDERMANITE - "Klemm's" Mocluta Phosphate Quarry, near Angaston, S.A., Australia T  
ALGODONITE - Mohawk #2 Mine, Keweenaw Peninsula, Michigan  
ALGODONITE - Sheldon-Columbia Mine, Portage Lake, Houghton County, Michigan  
ALLANITE - Ashe County, North Carolina  
ALLANITE-(Ce) - 20 Miles No. of Reno, Washoe County, Nevada  
ALLANITE-(Ce) - Bastnaes Mine, Riddarhyttan, Vastmanland, Sweden  
ALLANITE-(Ce) - Bucky Mine, Ohio City, Gunnison County, Colorado  
ALLANITE-(Ce) – Burroughs Pegmatite, Jefferson County, Colorado  
ALLANITE-(Ce) - Cuzzago, Ossola Valley, Italy  
ALLANITE-(Ce) – Gloserheia, Froland, near Arendal, Aust-Adger, Norway

ALLANITE-(Ce) - McAlmond Creek, Potrero, San Diego County, California  
ALLANITE-(Ce) - Mina Tiro Estrella, El Capitan Mountains, Lincoln County, New Mexico  
ALLANITE-(Ce) – Sawatch Mountains, near Buena Vista, Chaffee County, Colorado  
ALLANITE-(Y) – Sawatch Mountains, near Buena Vista, Chaffee County, Colorado  
ALLEGHANYITE – Trotter Dump, Franklin Mine, Franklin, Sussex County, New Jersey  
ALLEMONTITE - Rio Moctezuma, Municipio de Moctezuma, Sonora, Mexico - See STIBARSEN  
ALLEMONTITE - Trebsco, Bohemia, Czechoslovakia - See STIBARSEN  
ALLOPHANE – Apex Mine, Washington County, Utah  
ALLOPHANE - El Dragon Mine, Potosi, Bolivia  
ALLOPHANE - Inspiration Mine, Globe-Miami District, Gila County, Arizona  
ALLOPHANE – Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona  
ALLOPHANE - Tynagh Mine, near Maam, County Galway, Southern Ireland  
ALSTONITE – Bromley Hills Mine, Nenthead, Cumbria, England  
ALSTONITE – Brownley Hill Mine, Nenthead, Cumbria, England  
ALSTONITE – Fallowfield Mine, Northumberland, England  
ALTAITE - Hilltop Mine, Organ Mountains, Dona Ana County, New Mexico  
ALTAITE - Koch-Bulak Gold Deposit, near Angren, Eastern Uzbekistan  
ALTHAUSITE - Overntjern, Modum, Buskerud, Norway  
ALTHAUSITE - Skutterud, Modum, Norway  
ALTHAUSITE - Tingelstadtjern, Modum, Norway T  
ALUMOHYDROCALCITE - Mt. Hamilton, Santa Clara County, California  
ALUNITE – El Dragon Mine, Potosi, Bolivia  
ALUNITE – Marysvale, Piute County, Utah  
ALUNITE – Wendy Pit, El Indio Gold Mine, Tambo, Coquimbo District, Chile  
ALUNITE - Willow Springs, near Mojave, Kern County, California  
ALURGITE - Praborna Mine, St. Marcel, Aosta, Italy - See MUSCOVITE Var. Alurgite  
AMBLYGONITE – Beecher Lode Claim, 4.9 Mi. SE of Custer, Custer Co., South Dakota  
AMEGHINITE – Tincalayu Borax Deposit, Salta, Argentina T  
AMEGHINITE – Tincalayu Borax Deposit, Salta, Argentina T  
AMESITE (Chromian) – Sarany Chromite Deposit, Bisersk, Ural Mountains, Russia  
AMOSITE (variety of GRUNERITE) - Penge Mine, Transvaal, Republic of South Africa – See GRUNERITE  
AMPANGABEITE – Ampangabe, Madagascar - See SAMARSKITE-(Y)  
ANANDITE - Esquire No. 7 Claim, Big Creek, Fresno County, California  
ANAPAITE - Kerch Peninsula, Crimea Oblast, Ukraine  
ANCYLITE-(Ce) – DeMix Quarry, Mont St. Hilaire, Quebec, Canada  
ANDERSONITE – Atomic King #2 Mine, Cane Wash, San Juan County, Utah  
ANDERSONITE – D-Day No. 2 Mine, Yellow Cat District, Grand County, Utah  
ANDERSONITE - Monte Cristo Mine, Cane Springs Canyon, near Moab, San Juan County, Utah  
ANDORITE – San Jose Mine, Dept. Oruro, Bolivia  
ANDRADITE Var. Polyadelphite (Manganiferous) – Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey  
ANHYDRITE – Campiano Mine, Boccheggiano, near Grosseto, Tuscany, Central Italy  
ANHYDRITE – Naica, Municipio de Saucillo, Chihuahua, Mexico  
ANNABERGITE - Candelaria Mine, Mineral County, Nevada  
ANNABERGITE - Kalkar Quarry, Santa Cruz County, California  
ANNABERGITE – Kamareza Mine, Laurium, Attica, Greece  
ANNABERGITE – Ramsbeck Mine, Dornberg, Sauerland, Germany  
ANNITE – Katugin River, Siberia, Russia  
ANNITE – Saga Quarry, Tvedalen, Norway  
ANNITE – Suishoyama Pegmatite, Fukushima Prefecture, Tohoku Region, Honshu Island, Japan  
ANORTHITE – Miyake Island, Tokyo Bay, Honshu, Japan  
ANORTHITE – Yoichi City, Yoichi-Gun, Hokkaido Pref., Japan  
ANTHOPHYLLITE - Carleton Talc Mine, near Chester, Windsor County, Vermont  
ANTHOPHYLLITE – Kopperberg, Sweden  
ANTHOPHYLLITE – Kragero, near Risor, Vestfold, Southern Norway  
ANTIMONPEARCEITE – Clara Mine, Oberwolfach, Baden, Germany  
ANTIMONY (native) - Alpha Shaft, Murchison Mine, Gravelotte, Transvaal, Republic of South Africa  
ANTIMONY (native) - Consolidated Durham Mines, Lake County, New Brunswick, Canada  
ANTIMONY (native) – Huasco, Atacama, Chile  
ANTIMONY (native) – Kalliolampi (Kalliosalo), Nurmo, Finland  
ANTIMONY (native) - Lac Nicolet Antimony Mine, Ham Sud Township, Quebec, Canada  
ANTIMONY (native) - near Kernville, Kern County, California  
ANTIMONY (native) - Seinajoki, Vassa, Central Finland  
ANTIMONY (native) - Tom Moore Mine, Erskine Creek Mining District, Kern County, California  
ANTLERITE – Chuquicamata, Antofagasta Province, Chile  
APACHITE - Christmas Mine, near Hayden, Gila County, Arizona T  
APATITE-(CaOH) - Oksoyekollen, Snarum, Modum, Buskerud, Norway

APATITE-(CaOH) - David Mosiah Claim, Cerro Huanaquino, Potosi Department, Bolivia  
APATITE-(CaOH) – Mo-i-Rana, Rana, Nordland, Norway  
APHTHITALITE - Searles Lake, San Bernardino County, California  
APUANITE - Buca della Vena Mine, Apuan Alps, Lucca Province, Tuscany, Italy T  
a-QUARTZ psu. b-QUARTZ – Luzon Island, Philippines  
ARAGONITE Var. Tarnowitzite - Tsumeb, Namibia T  
ARDENNITE - Salm-Chateau, Ardennes, Belgium T  
ARGENTOJAROSITE – Santa Ana, State of Sonora, Mexico  
ARMENITE - 10 Miles N.E. of North Bend, King County, Washington  
ARMENITE - Simplon Pass, Wasenalp, Valais, Switzerland  
ARMSTRONGITE - Khan-Bogdinskii Massif, Central Gobi Desert, Mongolia T  
ARROJADITE – Nancy No. 2 Mine, Groton Area, New Hampshire  
ARROJADITE – Rapid Creek/Big Fish River Area, Yukon Territory, Canada  
ARSENIC (native) – Jachymov (Joachimstahl), Bohemia, Czech Republic  
ARSENIC (native) - Niederschlema, Saxony, Germany - See CHLOANTHITE  
ARSENIC (native) - Pöhla-Tellerhäuser Mine, Pöhla, Schwarzenberg District, Erzgebirge, Saxony, Germany  
ARSENIC (native) – Svornost Mine, Jachymov (Joachimstahl), Bohemia, Czech Republic  
ARSENIC (native) - Vancouver Island, British Columbia, Canada  
ARSENOSIDERITE – Gold Hill, Tooele County, Utah  
ARSENOSIDERITE – Mina Ojuela, Mapimi, Durango, Mexico  
ARSENOSIDERITE – Prospect W. of Rhyolite Pass, N. of Luning, Mineral County, Nevada  
ARSENOCRANDALLITE - Dolores Mine, Pastrana, Murcia, Spain – See BARAHONAITE-(Fe)  
ARSENOLITE – Chichibu Mining District, Saitama Prefecture, Honshu Island, Japan  
ARSENOLITE - Sauberg Mine, Ehrenfriedersdorf, Erzgebirge, Saxony, Germany  
ARSENOLITE – White Caps Mine, Nye County, Nevada  
ARSENTSUMEBITE - Tsumeb, Namibia T  
ARTHURITE - Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
ARTHURITE - Hingston Down Consols Mine, Calstock, Cornwall, England T  
ARTHURITE – Mine de Cap-Garonne, Dept. Var, France  
ASTROPHYLLITE – Aris Mine, approx. 20 Miles So. of Windhoek, Namibia  
ASTROPHYLLITE – Mt. Eveslogchorr, Khibina Massif, Kola Peninsula, Russia  
ASTROPHYLLITE – Rosa No. 1 Trench, Mount Rosa, El Paso County, Colorado  
ATACAMITE – Chuquicamata, Antofagasta Province, Chile  
ATELESTITE – Schmiedestollen, near Wittichen, Schwarzwald (Black Forest), Baden, Germany  
AUGELITE – Mt. Kourou Diakouma, Faleme River Basin, East Senegal  
AURORITE - Aurora Mine, Treasure Hill, Hamilton, White Pine County, Nevada T  
AUSTINITE - Gold Hill, Tooele County, Utah T  
AWARUITE (JOSEPHINITE) – Josephine Creek, Josephine County, Oregon  
AXINITE-(Mn) – Parker Shaft, Franklin, Sussex County, New Jersey

BADDELEYITE – Palabora Mine, Phalaborwa, Transvaal, South Africa  
BADDELEYITE pseudo after KIMZEYITE – Perovskite Hill, Magnet Cove, Hot Spring County, Arkansas  
BAHIANITE – Paramirim Region, Bahia, Brazil T  
BAKERITE - Corkscrew Mine, Corkscrew Canyon, Furnace Creek District, DVNM, Inyo Co., California  
BAKERITE - Corkscrew Mine, Furnace Creek District, Death Valley N.M., Inyo County, California T  
BALANGEROITE - Poggio San Vittore Asbestos Mine, Balangero, Lanzo Valleys, Torino Province, Piedmont, Italy TL  
BALANGEROITE - Poggio San Vittore Asbestos Mine, Torino Province, Piedmont, Italy T  
BANALSITE – Benallt Mine, Rhiw, Lleyen Peninsula, Caernarvonshire, Wales  
BANDYLITE – Chuquicamata, Antofagasta Province, Chile T  
BANNISTERITE – ZC Mine, Broken Hill, New South Wales, Australia  
BARAHONAITE-(Fe) – Dolores Mine, Pastrana, Murcia, Spain  
BARARITE - Katherina Mine, Radvanice, Bohemia, Czech Republic – See CRYPTOHALITE  
BARARITE - Kehley’s Run Mine, Shenandoah, Schuylkill Co., Pennsylvania – See HIERATITE  
BARATOVITE - Dara-I-Pioz Massif, Altai Range, Southern Tien-Shan, Tadzhikistan T  
BARBERTONITE - Kaapsehoop, Barberton District, Eastern Transvaal, Republic of South Africa T  
BARBERTONITE – Nevada Creek, Dundas, Tasmania, Australia  
BARICITE - Cross-Cut Creek, Big Fish River-Rapid Creek Area, Yukon Territory, Canada T  
BARIUM-PHARMACOSIDERITE - Burrus Mine, Washoe County, Nevada  
BARIUM-PHARMACOSIDERITE - Clara Mine, Oberwolfach, Schwarzwald, Baden, Germany T  
BARIUM-PHARMACOSIDERITE - Prospect W. of Rhyolite Pass, N. of Luning, Mineral Co., Nevada  
BARRERITE – Daye Mine, Huangshi, Hubei Province, China  
BARTONITE - Coyote Peak, near Orick, Humboldt County, California T  
BARYSILITE – Parker Shaft, Franklin, Sussex County, New Jersey  
BARYTE Var. Radian Barite – Lahost, Duchov, Usti Region, Bohemia, Czech Republic  
BARYTOCALCITE – Blagill Mine, Alston Moor, Cumbria, England  
BARYTOCALCITE – Langban, Varmland, Sweden

**BARYTOCALCITE** – Nentsberry Hags Mine, Nenthead, Cumbria, England  
**BARYTOLAMPORPHYLLITE** – Coyote Peak, Humboldt County, California  
**BARYTOLAMPORPHYLLITE** – Gordon Butte, Meagher County, Montana  
**BASALUMINITE** - El Dragon Mine, Potosi, Bolivia  
**BASALUMINITE** - Lavender Pit, Bisbee, Cochise County, Arizona  
**BASALUMINITE** - near Weymouth, Dorset, England  
**BASALUMINITE** – Rayburn Barite Mine, Magnet Cove, Garland County, Arkansas  
**BASTNASITE-(Ce)** - Mountain Pass Mine, San Bernardino County, California  
**BASTNASITE-(Ce)** – Poudrette Quarry, Mont St. Hilaire, Quebec, Canada  
**BASTNASITE-(La)** - Tundulu Complex, Phalombe District, Malawi  
**BATISITE** - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia T  
**BATISITE** – Inagli Chrome Diopside Deposit, Inagli Massif, Saha Republic, Eastern-Siberian Region, Russia  
**BAUMHAUERITE** - Lengenbach Quarry, Binnental, Valais, Switzerland T  
**BAUMHAUERITE-2a** - La Libertad Mine, Quiruvilca, Peru T  
**BAUXITE** - Pulaski Bauxite District, Pulaski County, Arkansas  
**BAVENITE** - Foote Mineral Company Mine, Kings Mountain, Cleveland County, North Carolina  
**BAYLDONITE** - Brandy Ghyll Mine, Caldbeck Fells, Cumbria, England  
**BAYLDONITE** - Kintore Opencut, Broken Hill, N.S.W., Australia  
**BAYLDONITE** – Tsumeb, Namibia  
**BAYLDONITE** – Wheal Carpenter, Hayle, Cornwall, England  
**BAYLEYITE** – Ambrosia Lake District, McKinley County, New Mexico  
**BAYLEYITE** - Rifle Mine, Garfield County, Colorado  
**BAYLEYITE** - Yellow Cat District, Grand County, Utah  
**BAZIRITE** - Esquire No. 8 Claim, Big Creek, Fresno County, California  
**BAZZITE** - Kentsk Granitic Massif, Central Kazakhstan  
**BEAVERITE** - Horn Silver Mine, near Frisco, Beaver County, Utah T  
**BECQUERELITE** - Happy Jack Mine (Blue Dike Mine), White Canyon, White Canyon District, San Juan Co., Utah  
**BECQUERELITE** - Happy Jack Mine, White Canyon District, San Juan County, Utah  
**BECQUERELITE** – Lookout #22 Mine, Marshall Pass, Saguache County, Colorado  
**BECQUERELITE** - Pick's Delta Mine (Delta Mine; Pick's Mine), Delta, San Rafael District (San Rafael Swell), Emery Co., Utah  
**BEMENTITE** – Franklin, Sussex County, New Jersey  
**BEMENTITE** - Hale Creek Mine, Trinity County, California  
**BENITOITE** – Benitoite Gem Mine, Southern San Benito County, California T  
**BENITOITE** - Junnila Mine, New Idria District, Southern San Benito County, California  
**BENITOITE** - Mina Numero Uno, Clear Creek Area, Southern San Benito County, California  
**BENITOITE** - Victor Mine, Clear Creek District, So. San Benito County, California  
**BERAUNITE** - Hagendorf Sud, Hessen, Bavaria, Germany  
**BERAUNITE** - Mina Arkansas, Polk County, Arkansas  
**BERAUNITE** – Shady, Polk County, Arkansas  
**BERAUNITE** - York Mine, Polk County, Arkansas  
**BERGSLAGITE** - Langban Mine Dump, Langban, Varmland, Sweden T  
**BERMANITE** – El Criollo Mine, Cerro Blanco District, Tanti, Cordoba, Argentina  
**BERMANITE** – El Criollo Mine, Cerro Blanco District, Tanti, Cordoba, Argentina  
**BERTHIERITE** – 25 Uncor Mine, Pribram-Bohutin, Central Bohemia, Czech Republic  
**BERTHIERITE** – Braunsdorf, Freiberg District, Erzgebirge, Saxony, Germany  
**BERTHIERITE** – Braunsdorf, near Freiberg, Saxony, Germany  
**BERTHIERITE** – Herja Mine (Kisbanya), Baia Mare (Nagybanya), Maramures County, Romania  
**BERTHIERITE** – Kutna Hora, Central Bohemia Region, Czech Republic  
**BERTHIERITE** – Red Lake Mine, Balmertown, Ontario, Canada  
**BERTHIERITE** – San Martin Mine, Sombrerete, Zacatecas, Mexico  
**BERTRANDITE** – Golconda Mine, near Governador Valadares, Minas Gerais, Brazil  
**BERTRANDITE** - Mt. Antero, Chaffee County, Colorado  
**BERTRANDITE** – Strickland Quarry, Portland, Middlesex County, Connecticut  
**BERYL** Var. Bixbite – Violet Claims, Wah Wah Mountains, Beaver County, Utah  
**BERYL** Var. Vorobyevite - Raymond, Rockingham County, New Hampshire  
**BERYLLITE** - Kvanefjeld, Ilimaussaq Complex, Southern Greenland  
**BERZELIANITE** - Bukov Mine, near Tisnova, Western Moravia, Czechoslovakia  
**BERZELIANITE** - Skrikerum, near Tryserum, Kalmar, Sweden T  
**BERZELIITE** - Langban, Varmland, Sweden T  
**BETAFITE** – Ambolotara, Betafo Commune, Vakinakaratra Region, Antananarivo Province, Madagascar  
**BETAFITE** - Antsirabe, Madagascar  
**BETAFITE** - Silver Crater Mine, Bancroft, Ontario, Canada  
**BETPAKDALITE** – Krupka, near Teplica, Krune Hory Mts., N.W. Bohemia, Czech. Republic  
**BETPAKDALITE** – Vrchoslav Fluorite Deposit, Krupka, Usti Region, Bohemia, Czech Republic  
**BEUDANTITE** - Kintore Opencut, Broken Hill, New South Wales, Australia  
**BEUDANTITE** - Mina Ojuela, Mapimi, Durango, Mexico

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**BEUDANTITE** - Tsumeb, Namibia  
**BIEBERITE** - Happy Jack Mine, White Canyon District, San Juan County, Utah  
**BIGCREEKITE** – Trumbull Peak, Mariposa County, California T  
**BIKITAITE** – Foote Mineral Company Mine, Kings Mountain, Lincoln County, North Carolina  
**BILLIETITE** - "A" Group, Inter-River/Green River Region, near Moab, Emery County, Utah  
**BINDHEIMITE** - Djebel Nador, Constantine, Algeria  
**BINDHEIMITE** – Red Bird Mercury Mine, Antelope Springs District, Pershing County, Nevada  
**BINDHEIMITE** – Silver Hill Mine, Pima County, Arizona  
**BINDHEIMITE** – Snyder Hill Mine, Tucson Mountains, Pima County, Arizona  
**BIOTITE** Var. Eastonite – Easton, Northampton County, Pennsylvania – See EASTONITE  
**BIPHOSPHAMITE** - Murra El Elevyn Cave, Cocklebidy, W.A., Australia  
**BIRAITE-(Ce)** – Birya / Bya Rivers, Chara River Basin, 500 Km So. of Bodiabo, Siberia, Russia T  
**BIRNESSITE** – Gold Hill Mine (Western Utah Mine), Gold Hill, Tooele County, Utah  
**BIRNESSITE** – Gold Hill Mine, Tooele County, Utah  
**BIRNESSITE** - Mont St. Hilaire, Quebec, Canada  
**BISMITE** - Dayu Mining District, Jiangxi Province, China  
**BISMUTH (native)** – Dayu Mining District, Jiangxi Province, China  
**BISMUTH (native)** - Llallagua, Potosi, Bolivia  
**BISMUTH (native)** – Nagyborzony, Hungary  
**BISMUTH (native)** - Shaft 366, Alberoda, Schlema-Hartenstein District, Erzgebirge, Saxony, Germany  
**BISMUTH (native)** – Wolfram Camp Mine, Queensland, Australia  
**BISMUTHINITE** - Bonsor Mine, Coniston, Cumbria, England  
**BISMUTHINITE** – Carrock Mine, Caldbeck Fells, Cumberland, England  
**BISMUTHINITE** – Chorolque District, Dept. Potosi, Bolivia  
**BISMUTHINITE** - Cjellebekk, Lier, Drammen, Norway  
**BISMUTHINITE** - Mt. Biggenden Mine, Queensland, Australia  
**BISMUTHINITE** – Nikolaevskiy Mine, Dal'negorsk, Primorskiy Kray, Russia  
**BISMUTHINITE** – Outlaw Mine, Round Mountain District, Nye County, Nevada  
**BISMUTHINITE** - Tunnel Extension #2 Mine, Marysvale, Piute County, Utah  
**BISMUTITE** – Midnight Owl Mine, Yavapai County, Arizona  
**BIXBYITE** – Barranca del Cobre, Chihuahua, Mexico  
**BIXBYITE** - N'Chwaning II Mine, Kuruman, Kalahari Manganese Field, No. Cape Province, South Africa  
**BIXBYITE** – Ultevis, Lappland, Sweden  
**BLANFORDITE** - Tirodi Mines, Central Prov., India - See AEGIRINE Var. Blanfordite T  
**BLIXITE** - Amerika Stope, Langban, Varmland, Sweden T  
**BLODITE** – Chuquicamata Mine, Calama, El Loa Province, Chile  
**BOGGSITE** - Neer Road Pit, Goble, Columbia County, Oregon T  
**BOHMITE** - Saga Quarry, Langesundsfjord Area, Norway  
**BOHMITE** –Mas Rouge, Les Baux-de-Provence, Provence-Alpes-Cote d'Azur, France  
**BOLEITE** - Amelia Mine, Boleo, Santa Rosalia, Baja California, Mexico T  
**BOLEITE** - Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona  
**BOLEITE** - San Francisco Mine (Mina Beatrix), Antofagasta Province, Chile  
**BOLTWOODITE** – "A" Group, Inter-River / Green River Area, Emery County, Utah  
**BOLTWOODITE** - Delta Mine (Pick's Mine), Emery County, Utah T  
**BOLTWOODITE** – Goanikontes Claim, Arandis, Swakopmund District, Erongo Region, Namibia  
**BOLTWOODITE** – Lookout No. 22 Claim, Marshall Pass District, Saguache County, Colorado  
**BOLTWOODITE** - New Method Mine, near Amboy, San Bernardino County, California  
**BOLTWOODITE** - Rossing Mine, near Arandis, Namibia  
**BORACITE** - Bischofferode Potash Works (Thomas Müntzer Potash Works), Bleicherode, Thuringia, Germany  
**BORACITE** - Boulby Mine, Loftus, Cleveland, England  
**BORACITE** - Luneberg, Hannover, Germany T  
**BORACITE** – Niedersachsen/Riedel Mine, Kreis Celle, Hannover, Germany  
**BORACITE** - Sonderhausen, Thuringia, Germany  
**BORACITE** – Zechstein Deposit, Thuringia, Germany  
**BORAX** – Borax Lake, Lake County, California  
**BORNEMANITE** – Yubileynaya Pegmatite, Mount Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**BORNITE** – Maybe Mine, San Rafael District, Emery County, Utah  
**BOTALLACKITE** – 130 Fm. South Lode, Levant Mine, St. Just, Cornwall, England  
**BOTALLACKITE** - Doonen Mine, Allihies, County Cork, Ireland  
**BOTRYOGEN** – Libiola Mine, Sestri Levante, Genova Province, Liguria, Italy  
**BOTTINOITE** - Ramsbeck Mine, Dornberg, Sauerland, Germany  
**BOULANGERITE** (Falkmanite) - Boliden, Vasterbotten, Sweden **BRAUNITE** – Langban, Varmland, Sweden  
**BOURNONITE** – Ramsbeck Mine, Dornberg, Sauerland, Germany  
**B-QUARTZ** – Copper Stope, Majuba Hill, Pershing County, Nevada  
**BRACKEBUSCHITE** – Venus Mine, Sierra de Cordoba, Cordoba Province, Argentina T

**BRANDTITE** – Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey  
**BRAUNITE** - N’Chwaning II Mine, Kalahari Mn Field, No. Cape Province, South Africa  
**BRAUNITE** – Tirodi Mines, Madhya Pradesh, Central Provinces, India  
**BRAVOITE** - Argentine Mine, near Rico, Dolores County, Colorado  
**BRAVOITE** - Mechernich Mine, Gey, Eifel, Germany  
**BRAVOITE** – Victoria Mine, Musen, N. Rhine-Westphalia, Germany  
**BREWSTERITE** - Whitesmith Mine, Strontian, Argyllshire, Scotland T  
**BREWSTERITE** - Yellow Lake, near Olalla, British Columbia, Canada  
**BRIANYOUNGITE** - Brownley Hill Mine, Nenthead, Cumbria, England T  
**BRIARTITE** – Prince Leopold Mine, Kipushi, Shaba Province, Zaire  
**BRITHOLITE-(Ce)** – Kipawa Complex, Villedieu Township, Quebec, Canada  
**BRITHOLITE-(Ce)** – Rusty Gold Mine, Jamestown District, Boulder County, Colorado  
**BRITHOLITE-(Ce)** - Svensken Quarry, Tvedalen, Telemark, Norway  
**BROCHANTITE** – Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
**BROCHANTITE** – Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**BROCKITE** – Anna Lee Mine, Custer County, South Dakota  
**BROMARGYRITE** - 200 Level, Shattuck Shaft, Bisbee, Cochise County, Arizona  
**BROMARGYRITE** – Headley Mine, Garfield, Mineral County, Nevada  
**BROMIAN CHLORARGYRITE** - Broken Hill, New South Wales, Australia- See **CHLORARGYRITE**  
**BROOKITE** – Magnet Cove, Hot Spring County, Arkansas  
**BROOKITE** - Poudrette Quarry, Mont St. Hilaire, Rouville Co., Quebec, Canada  
**BROWNMILLERITE** – Ettringer, Bellerberg, Mayen, Laacher See Area, Eifel, Germany T  
**BRUCITE** - Asbest, near Ekaterinburg, Central Ural Mountains, Russia  
**BRUCITE** – Buckwheat Dump, Franklin, Sussex County, New Jersey  
**BRUCITE** - N’Chwaning II Mine, Kalahari Mn Field, No. Cape Province, South Africa  
**BRUCITE** Var. Manganbrucite – Buckwheat Dump, Franklin, Sussex County, New Jersey  
**BRUGNATELLITE** – Higasi-Kuroda-guchi, Inasa-cho, Inasa-gun, Aichi Prefecture, Japan  
**BRUGNATELLITE** – Monte Ramazzo, Genoa, Liguria, Italy  
**BRUSHITE** – Moorba Cave, Jurien Bay, W.A., Australia  
**BUDDINGTONITE** - Atherton, San Mateo County, California  
**BUDDINGTONITE** - Sharon Heights, Menlo Park, San Mateo County, California  
**BUERGERITE (TOURMALINE)** - Mexquitic, San Luis Potosi, Mexico T  
**BUKOVSKYITE** – Kutna Hora, Bohemia, Czechoslovakia  
**BULTFONTEINITE** - N’Chwaning II Mine, near Kuruman, No. Cape Province, Republic of South Africa  
**BURBANKITE** - Big Sandy Creek, near Rocky Bay, Bearpaw Mountains, Hill Co., Montana T  
**BURBANKITE** - Mont St. Hilaire, Rouville County, Quebec, Canada  
**BURCKHARDTITE** – Moctezuma Mine, Moctezuma District, Sonora, Mexico T  
**BURKEITE** – Searles Lake, San Bernardino County, California  
**BUSTAMITE** – New Jersey Zinc Company Mine, Franklin, Sussex County, New Jersey  
**BUTTGENBACHITE** – Likasi Mine, Jadotville, Shaba Province, Zaire T  
**BYELORUSSITE-(Ce)** – Diabazovoe, Zhitkovskiy Horst, near Gromel City, Belorussia T  
**BYSTROMITE** – El Antimonio, 27 Km. SW of Agua Prieta, State of Sonora, Mexico D, T

**CALAUERITE** – Cresson Mine, Cripple Creek, Teller County, Colorado  
**CALAUERITE** – Norseman Mine, Kalgoorlie, W.A., Australia  
**CALCIOFERRITE** - "Klemm's" Moolta Phosphate Quarry, near Angaston, S.A., Australia  
**CALCIOVOLBORTHITE** - Monument Valley, Garnet Ridge, Apache County, Arizona – See Tangeite  
**CALCIOVOLBORTHITE** - Richardson, Grand County, Utah – See TANGEITE  
**CALCIOVOLBORTHITE** - Ridenour Mine, Grand Canyon, Coconino County, Arizona – See Tangeite  
**CALCITE** “Lithographic Stone” – Solenhofen, Bavaria, Germany  
**CALDERONITE** - Las Colmenitas Mine, Santa Marta, Badajoz, Extremadura, Spain T  
**CALEDONITE** – Hard Luck Claim, near Baker, San Bernardino Co., California  
**CALEDONITE** - Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona (micros only)  
**CALLAGHANITE** - Gabbs Basic Refractories Mine, Gabbs, Nye County, Nevada T  
**CALOMEL** - Cahill Mine, Poverty Peak District, Humboldt County, Nevada  
**CALOMEL** – Clear Creek Claim, Southern San Benito County, California  
**CALOMEL** - Emerald Lake District, Redwood City, San Mateo County, California  
**CALOMEL** - Mariposa Mine, Terlingua, Brewster County, Texas  
**CALOMEL** – Perry Pit, Terlingua, Brewster County, Texas  
**CALOMEL** - Red Bird Mercury Mine, E. of Lovelock, Pershing County, Nevada  
**CAMEROLAITE** – Piesky Mine, Spania Dolina, Slovakia  
**CANASITE** - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia  
**CANAVESITE** - Brosso Mine, Cállea, Léssole, Canavese District, Torino Province, Piedmont, Italy  
**CANAVESITE** - Galleria Valagera, Cantiere Salvere, Miniera di Brosso, Ivrea, Italy T  
**CANCRINITE** – Saga Quarry, Tvedalen, Norway  
**CANCRINITE-VISHNEVITE** - Loch Borrolan, Rosshire, Scotland

**CARACOLITE** – Challacollo Mine, Iquique, Chile  
**CARBONATE-FLUORAPATITE** – Manhattan, Nye County, Nevada  
**CARBONATE-CYANOTRICHITE** - Engels Mine, Copper Canyon, Plumas County, California  
**CARBONATE-CYANOTRICHITE** – Widomaker Mine, White Canyon, San Juan County, Utah  
**CARBONATE-FLUORAPATITE** – Levant Mine, St. Just, Cornwall, England  
**CARBONATE-FLUORAPATITE** – Little Green Monster Mine, Fairfield, Utah County, Utah  
**CARBONATE-FLUORAPATITE** – Little Green Monster Mine, Fairfield, Utah County, Utah  
**CARBONATE-FLUORAPATITE (Holmbushite)** – Holmbush Mine, Callington, Cornwall, England  
**CARBONATE-FLUORAPATITE (Tavistockite)** – Holmbush Mine, Callington, Cornwall, England  
**CARBONATE-HYDROXYLAPATITE** - near Cody, Beartooth Mountains, Park Co., Wyoming  
**CARBONATE-HYDROXYLAPATITE** – Tip Top Mine, Custer County, South Dakota  
**CARBONATE-HYDROXYLAPATITE Var. Dahllite** – near Cody, Beartooth Mts., Park Co., Wyoming  
**CARLETONITE** - Poudrette Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada T  
**CARLFRIESITE** – Bambollita Mine, Moctezuma District, Sonora, Mexico  
**CARLOSTURANITE** - Auriol Mine, Sempeyre, Varaita Valley, Cuneo Province, Piedmont, Italy T  
**CARMINITE** - Gold Hill, Tooele County, Utah  
**CARMINITE** – Kintore Opencut, Broken Hill, N.S.W., Australia  
**CARMINITE** - Las Animas Mine, State of Sonora, Mexico  
**CARMINITE** - Mina Ojuela, Mapimi, Durango, Mexico  
**CARMINITE** - Santa Ana, State of Sonora, Mexico  
**CARNALLITE** – Hildesia/Diekholzen Mine, Hannover, Germany  
**CARNOTITE** – “A” Group, Inter-River / Green River Region, near Moab, Emery County, Utah  
**CARNOTITE** – Blue Jay Mine, San Juan County, Utah  
**CARNOTITE** – Jo Dandy Hill Area, Paradox Valley, Montrose County, Colorado  
**CARNOTITE** – Mashamba West Mine, near Kolwezi, Shaba Province, Zaire  
**CARNOTITE** – Moab Valley, Grand County, Utah  
**CARNOTITE** – Monument #2 Mine, Monument Valley, Apache County, Arizona  
**CARNOTITE** – Rattlesnake Mine, Big Indian Wash, San Juan County, Utah  
**CARNOTITE (on petrified wood)** - Santa Maria River District, Yavapai County, Arizona  
**CARNOTITE (replacing wood)** – Continental Uranium Mine, Powder River Basin, Wyoming  
**CARPHOLITE** - Biesenrode, Harz Mountains, Germany  
**CARPHOLITE** - Horn Slavhov (Schlaggenwald), Krasno, Bohemia, Czechoslovakia D, T  
**CARROLLITE** - Kamoto Pit, Kolwezi, Shaba Province, Zaire  
**CARROLLITE** - Kamoya South II Mine, Kambove District, Katanga, (Zaire) Democratic Republic of Congo  
**CARYOPILITE** - N’Chwaning II Mine, Kalahari Mn Field, Northern Cape Province, South Africa  
**CASSITERITE Var. Varlamoffite** - Hingston Quarry, near Callington, Cornwall, England  
**CATAPLEHITE** - Mt. Aikuaiventchorr, near Kirovsk, Khibiny Massif, Kola Peninsula, Russia  
**CATTIERITE** - Nordmine, Finnsyttan, Nordmark, Sweden  
**CATTIERITE** - Shinkolobwe Mine, Shaba Province, Zaire T  
**CAVANSITE** - Owyhee Dam, Malheur County, Oregon T  
**CAYSICHITE-(Y)** – Evans-Lou Mine, Potimore, 22 Miles N. of Ottawa, Quebec, Canada  
**CECHITE** - Vrancice, near Pribram, Bohemia, Czechoslovakia T  
**CELADONITE** – Columbia River Road Cut, 3 Miles W. of Hood Pines, Hood River County, Oregon  
**CELADONITE** – Yanda, Kawazu, Shizuoka Prefecture, Chubu Region, Honshu Island, Japan  
**CELSIAN** – Benallt Mine, Rhiw, Leyen Peninsula, Caernarvonshire, Wales  
**CELSIAN** – La Madrelena Mine, Tres Pozos, Baja California, Mexico  
**CELSIAN** – Parker Shaft, Franklin, Sussex County, New Jersey  
**CELSIAN** – Trumbull Peak, near Incline, Mariposa County, California  
**CERITE-(Ce)** – Poudrette Quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, Québec, Canada  
**CERITE-(Ce)** – Rusty Gold Mine, Jamestown District, Boulder County, Colorado – See BRITHOLITE-(Ce)  
**CERULEITE** - Emma Luisa Gold Mine, Huanuco, Taltal Province, Chile  
**CERULEITE** - Emma Luisa Mine, Guanaco, Antofagasta Province, Chile  
**CERULEITE** - Wheal Gorland, St. Day, Cornwall, England  
**CERULEITE** – Wheal Gorland, St. Day, Cornwall, England  
**CERUSSITE (Chromian)** - Magnet Mine, Dundas, Tasmania, Australia  
**CERVANTITE** - Tom Moore Mine, Erskine Creek Mining District, Kern County, California  
**CESAROLITE** – Sidi Amor Ben Salem, Tunisia T  
**CETINEITE** – Cetine Mine, near Siena, Toscana, Italy T  
**CHABAZITE-(Na)** – Aci Castle, Catania, Sicily, Italy  
**CHABOURNEITE** - Jas Roux, Chabourneou, Htes Alpes, France T  
**CHALCOALUMITE** - Grandview Mine, Grand Canyon National Park, Coconino County, Arizona  
**CHALCOALUMITE** - Sacramento Mine, Bisbee, Cochise County, Arizona  
**CHALCOCITE (replacing wood)** – Mi Vida Mine, Big Indian District, San Juan County, Utah  
**CHALCOMENITE** - Eagle Claims, Hal Lake, Beaverlodge Lake area, Saskatchewan, Canada  
**CHALCOMENITE** – El Dragon Mine, Potosi, Bolivia  
**CHALCOPHANITE** - "Glory Hole", Gold Hill Mine, Tooele County, Utah

**CHALCOPHANITE** – Mina Ojuela, Mapimi, Durango, Mexico  
**CHALCOPHANITE** – Mohawk Mine, San Bernardino County, California  
**CHALCOPHANITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**CHALCOPHYLLITE** - Burrus Mine, Washoe County, Nevada  
**CHALCOPHYLLITE** - Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
**CHALCOPHYLLITE** - El Teniente Mine, Rancagua, Chile  
**CHALCOSIDERITE** - Douglas Hill Copper Mine, Yerington District, Lyon County, Nevada  
**CHALCOSIDERITE** – Douglas Hill Copper Mine, Yerington District, Lyon County, Nevada  
**CHALCOSIDERITE** - Lake Boga Granite Quarry, Northwest Victoria, Australia  
**CHALCOSIDERITE** - Wheal Phoenix, Liskeard, Cornwall, England  
**CHALCOSTIBITE** – Rar el Anz, Wadi of Cherrat, East of Casablanca, Morocco  
**CHAMBERSITE** - Venice Salt Dome, Plaquemines County, Louisiana  
**CHAMOSITE** – Bonita, San Diego County, California  
**CHAMOSITE (DAPHNITE)** - South Caradon Mine, Caradon Hill, St. Cleer, Liskeard District, Cornwall, England  
**CHAPMANITE** – Mine de la Bessade, Massiac, Haute Loire, France  
**CHAROITE** - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia T  
**CHENEVIXITE** - Chuquicamata, Antofagasta Province, Chile  
**CHENEVIXITE** - Copper Stope, Majuba Hill, Pershing County, Nevada  
**CHENEVIXITE** - Gold Hill (U.S.) Mine, Gold Hill, Tooele County, Utah  
**CHENEVIXITE** - Wheal Gorland, St. Day, Cornwall, England  
**CHERALITE-(Ce)** – Thabayadiotsa Hill, NE of Rustenburg, Transvaal, Republic of So. Africa  
**CHEVKINITE-(Ce)** - Mtn. Drive, Bethlehem, Northampton County, Pennsylvania  
**CHIAVENNITE** - Heia Quarry, Tvedalen, Larvik, Langesundsford Area, Southern Norway  
**CHIBINSKITE** - Khibiny Massif, Kola Peninsula, Russia  
**CHILDRENITE** – Crinnis Mine, St. Austell, Cornwall, England  
**CHILDRENITE** – Drakewalls Mine, Gunnislake, Cornwall, England  
**CHILDRENITE** - George & Charlotte Mine, Tavistock, Devonshire, England T  
**CHILDRENITE** – Joao Modesto dos Santos Mine, NW of Linopolis, Minas Gerais, Brazil  
**CHILDRENITE** – Prince of Wales Mine, Calstock, Cornwall, England  
**CHIOLITE** - Ivigtut, Arsuk Fjord, Southwest Greenland  
**CHKALOVITE** - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**CHLOANTHITE** - Niederschlema, Saxony, Germany  
**CHLORAPATITE** – Sannidal, near Kragero, Telemark, Norway  
**CHLORARGYRITE** – Bullfrog Mine, Rhyolite District, Nye County, Nevada  
**CHLORARGYRITE** – Horn Silver Mine, near Frisco, Beaver County, Utah  
**CHLORARGYRITE** – Las Herrerias, Almeria, Spain  
**CHLORARGYRITE** - Minietta Mine, Argus Range, Inyo County, California  
**CHLORARGYRITE** - South Wall, South Pit, Gold Hill, Tooele County, Utah  
**CHLORARGYRITE** - Tin Stope, Majuba Hill, Pershing County, Nevada  
**CHLORARGYRITE** – Wade Hampton Mine, Caribou District, Boulder County, Colorado  
**CHLORARGYRITE (Bromian)** - Blue Bell Mine, San Bernardino County, California  
**CHLORARGYRITE (Bromian)** – North Mine, Broken Hill, Yancowinna Co., N.S.W., Australia  
**CHLORARGYRITE (Bromian)** (= Iodembolite) – Proprietary Mine, Broken Hill, N.S.W., Australia  
**CHLORELLESTADITE** - Crestmore Quarry, Riverside County, California  
**CHLORITE** Var. "Strigovite" - Streigau (Strezgom), Wojew. Wroclaw, Silesia, Poland  
**CHLORITOID** – Piescie's Knob, East of Broken Hill, N.S.W., Australia  
**CHLORITOID** – Saint-Jacques-de-Leeds, Les Appalaches RCM, Chaudiere-Appalaches, Quebec, Canada  
**CHLOROPHOENICITE** - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**CHONDRODITE** – Crestmore Quarry, near Riverside, Riverside County, California  
**CHONDRODITE** – Franklin, Sussex County, New Jersey  
**CHONDRODITE** – Sparta, Sussex County, New Jersey  
**CHROMITE** – All California localities – See **MAGNESIOCHROMITE**  
**CHROMITE** – Nakauri, Shinshiro, Aichi Prefecture, Japan  
**CHROMITE** – Saranovskii Mine, Saranovskaya Village, Middle Urals Region, Russia  
**CHROMO-ALUMINO-POVONDRAITE** – American #1 Talc Mine, Balmat, St. Lawrence County, New York  
**CHROMRUTILE** – Red Ledge Mine, Washington District, Nevada County, California – See **REDLEDGITE D, T**  
**CHRYSOTILE** - Tunnel Hill Quarry, Serpentine Hill, North Dundas, Zeehan District, Tasmania, Australia  
**CHURCHITE-(Y)** – Auerbach, Oberpfalz, Bavaria, Germany  
**CHURCHITE-(Y)** – Mt. Ploskaja, West Keivy, Kola Peninsula, Russia  
**CHURCHITE-(Y) (WEINSCHENKITE)** - 1/2 Mile So. of Sausalito, Marin County, California  
**CHURCHITE-(Y) (WEINSCHENKITE)** - Garies, Cape Province, Republic of South Africa  
**CHURCHITE-(Y) (WEINSCHENKITE)** – Indian Mountain, Cherokee County, Alabama  
**CHURCHITE-(Y) (WEINSCHENKITE)** - South River Mine, Rockbridge County, Virginia  
**CINNABAR** – Culver-Baer Mine, Sonoma County, California  
**CINNABAR** – Felix Fluorite Mine, near Azusa, Los Angeles County, California  
**CINNABAR** – Guadalupe Mine, Santa Clara County, California



**CINNABAR** – New Idria Mine, Southern San Benito County, California  
**CLARITE** – GruBe Clara, Oberwolfach, Schwarzwald, Baden, Germany T  
**CLAUSTHALITE** - Eskaborn Adit, Tilkerode (Abberode), Harz, Saxony-Anhalt, Germany  
**CLAUSTHALITE** - Slavkovice, Central Moravia, Czech. Republic  
**CLINOBSIVANITE** - Londonderry Feldspar Quarry, 12 Mi. So. of Coolgardie, W.A., Australia  
**CLINOCHALCOMENITE** - El Dragon Mine, Potosi, Bolivia  
**CLINOCHLORE** – Akhmatovskaya Kop’ (Akhmatovsk Mine), Zlatoust, Southern Urals, Russia  
**CLINOCHLORE** – Southern San Benito County, California  
**CLINOCHLORE (CHROMIAN) (KAMMERERITE)** – Kop Krom Mine, Kop Daglari, Erzurum Province, Turkey  
**CLINOCHLORE (Chromian) (Kammererite)** – Mistake Mine, Fresno County, California  
**CLINOCHLORE (CHROMIAN) (KAMMERERITE)** - Red Ledge Mine, Nevada County, California  
**CLINOCHLORE Var. Kammererite** – Mistake Mine (Butler Estate Mine), Fresno County, California  
**CLINOCHLORE Var. Kammererite** – Saranovskii Mine, Saranovskaya, Middle Ural Mountains, Russia  
**CLINOCHLORE Var. Kotschubeite** – Janokis Ranch, Altaville, Calaveras County, California  
**CLINOCHRYSOTILE** – Bell Mine, Thetford Mines, Chaudiere-Appalaches, Quebec, Canada  
**CLINOCHRYSOTILE** - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**CLINOCLASE** – 150 Level, Gold Hill Mine, Tooele County, Utah  
**CLINOCLASE** - Copper Stope, Majuba Hill, Pershing County, Nevada  
**CLINOCLASE** - Tin Stope, Majuba Hill, Pershing County, Nevada  
**CLINOCLASE** - Wheal Gorland, St. Day, Cornwall, England  
**CLINOCLASE** - Wheal Gorland, St. Day, Gwennap, Cornwall, England  
**CLINOENSTATITE** – Astor, Astor Valley, Gilgit-Baltistan, Northern Area, Pakistan  
**CLINOENSTATITE** – Shigar Valley, Skardu District, Gilgit-Baltistan (Northern Area), Pakistan  
**CLINOHEDRITE** – Franklin, Sussex County, New Jersey  
**CLINOHEDRITE** – Parker Shaft, Franklin, Sussex County, New Jersey  
**CLINOHUMITE** – Crestmore Quarry, Riverside County, California  
**CLINOHUMITE (Ti-Clinohumite)** – Jacupiranga Mine, Sao Paulo State, Brazil  
**CLINOSAFFLORITE** – Arhbar Mine, Bou Azzer, Anti Atlas Mountains, Morocco  
**CLINOSAFFLORITE** – Nordmine, Finnshyttan, Nordmark, Sweden  
**CLINOTYROLITE** - Lovelock Mine, Bolivia, Cottonwood Canyon, Churchill County, Nevada  
**CLINOZOISITE** – Raza Mine, Los Gavilanes, Municipio de Tecate, Baja California, Mexico  
**CLINOZOISITE** – Tepueste Ranch, Alamos, Mun. de Alamos, Sonora, Mexico  
**CLINTONITE Var. Xanthophyllite** – Crestmore Quarry, near Riverside, Riverside County, California  
**CLINTONITE Var. Xanthophyllite** – Mt. Lake Mine, near Brighton, Utah  
**COALINGITE** - Union Carbide Pit, Southern San Benito County, California T  
**COBALTAUSTINITE** - Dome Rock Copper Mine, Olary Province, S.A., Australia  
**COBALTITE** - Marrgruvan Mine, Hakansboda, Vastmanland, Sweden  
**COBALTITE** - Pnerd Claim, Bonnett Plume River, Yukon Territory, Canada  
**COBALTITE** – Sara Alicia Mine, San Bernardo, Alamos, Sonora, Mexico  
**COBALTOMENITE** - A.E.C. Mine #8, Temple Mountain, Emery County, Utah  
**COBALTOMENITE** - El Dragon Mine, Potosi, Bolivia  
**COBALTZIPPEITE** – Happy Jack Mine (Blue Dike Mine), White Canyon, White Canyon District, San Juan Co., Utah  
**COESITE** - Dora-Maira Massif, Parigi, near Martiniana Po, Piedmont, Italy  
**COESITE** - Meteor Crater, Coconino County, Arizona T  
**COFFINITE** – Allen #2 Mine, Red Canyon District, San Juan County, Utah  
**COFFINITE** – La Sal No. 2 Mine, Beaver Mesa, Mesa County, Colorado  
**COFFINITE** - Skrdlovice, West-Central Moravia, Czech. Republic - See URANINITE  
**COFFINITE** - Temple Mountain Consolidated Mine, Emery County, Utah  
**COLEMANITE** – Bigadic Mine, Bigadic, Balikesir Province, Marmara Region, Turkey  
**COLEMANITE** – Kestelek Mine, Mustafa Kemalpafla, Bursa Province, Marmara Region, Turkey  
**COLLINSITE** - Big Fish River-Rapid Creek Area, Yukon Territory, Canada (xls.)  
**COLLINSITE** – Kamloops Lake, British Columbia, Canada  
**COLLINSITE** – Lavra de Ilha, Rio Jequitinhonha, Taquaral, Minas Gerais, Brazil  
**COLLINSITE** - Reaphook Hill, near Blinman, S.A., Australia  
**COLLOPHANE** - near Drummond, Powell County, Montana – See Hydroxylapatite  
**COLORADOITE** - Gold Hill District, Boulder County, Colorado  
**COLUMBITE-(Fe)** – Aracuai, Jequitinhonha Valley, Minas Gerais, Brazil  
**COLUSITE** - Colusa Mine, Butte, Silver Bow County, Montana T  
**COMANCHEITE** – Mariposa Mine, Terlingua Mining District, Brewster County, Texas  
**COMPREGNACITE** – Lookout #22 Claim, Marshall Pass, Saguache County, Colorado  
**CONNELLITE** - "Spangolite Pillar", Main Level, Majuba Hill, Pershing County, Nevada  
**CONNELLITE** - 150' Level, Gold Hill Mine, Gold Hill, Tooele County, Utah  
**CONNELLITE** - Fontana Rossa, Agonisha, Corsica Island (Mediterranean Sea)  
**CONNELLITE** – Levant Mine, Pendeen, St. Just, Cornwall, England  
**CONNELLITE** – Pole Star Copper Company Mine, Gold Hill District, Tooele County, Utah  
**CONNELLITE** - Southwest Mine, Bisbee, Cochise County, Arizona

CONNELLITE - Trawnamoe Mine, Bunmahon, County Waterford, So. Ireland  
CONNELLITE - Wheal Edward, Cornwall, England  
COOPERITE – Bushveld Complex, Rustenburg, Transvaal, Republic of South Africa  
COQUIMBITE - Dexter #7 Mine, San Rafael Swell, Utah  
CORKITE - Horn Silver Mine, Frisco, Beaver County, Utah  
CORNETITE - Empire-Nevada Mine, Yerington, Lyon County, Nevada  
CORNETITE - L'Etoile du Congo Mine, near Elizabethville, Shaba Prov., Zaire T  
CORNUBITE - Copper Stope, Majuba Hill, Pershing County, Nevada  
CORNUBITE - Humboldt Mine, Patagonia, Santa Cruz County, Arizona  
CORNUBITE - Tin Stope, Majuba Hill Mine, Pershing County, Nevada  
CORNWALLITE - Burrus Mine, Washoe County, Nevada  
CORNWALLITE - Copper Stope, Majuba Hill, Pershing County, Nevada  
CORNWALLITE - Middle Pit, Gold Hill Mine, Gold Hill, Tooele County, Utah  
CORNWALLITE - Tin Stope, Majuba Hill Mine, Pershing County, Nevada  
CORONADITE - Tsumeb, Namibia  
CORONADITE – Upper Level, Mt. Bonnie Mine, Grove Hill, Northern Territory, Australia  
CORRENSITE – Bolet, Vasterbotten, Sweden  
CORUNDUM pseudo after SPINEL - Bathurst Township, Lanark County, Ontario, Canada  
CORVUSITE - Cactus Rat Mine, Cisco, Yellow Cat District (W. part of Thompsons District), Grand Co., Utah  
CORVUSITE – Monument No. 2 Mine, Monument Valley, Apache County, Arizona  
CORVUSITE - Paradox Valley, Montrose County, Colorado  
CORVUSITE – Temple Mountain, Emery County, Utah  
COULSONITE - Buena Vista Iron Mine, Churchill County, Nevada  
COVELLITE - Bor Mine, Bor, Bor-Majdanpek Mining District, Bor District, Serbia  
COVELLITE – Sierra de Famatina, La Rioja Province, Argentina  
COWLESITE - Burnt Cabin Creek, Spray, Wheeler County, Oregon  
COWLESITE - Cape Schanck, Victoria, Australia  
COWLESITE - Dunseverick, County Antrim, Northern Ireland  
COWLESITE – Middle Fork of the John Day River, E. of Ritter, Grant County, Oregon  
COWLESITE - Neer Road, North of Goble, Columbia County, Oregon T  
CRANDALLITE – Lavra da Ilha Pegmatite, Rio Jequitinhonha, Taquaral, Minas Gerais, Brazil  
CRANDALLITE - Little Green Monster Mine, Fairfield, Utah County, Utah  
CRANDALLITE - Little Green Monster Mine, Fairfield, Utah County, Utah  
CRANDALLITE – Mt. Kourou Diakouma, Faleme River Basin, East Senegal  
CREASEYITE - Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona T  
CREDNERITE – Merehead Quarry, Mendip Hills, Somerset, England  
CREEDITE – 0.8 Mi. W. of Ocala Cave, Mopung Hills, Churchill County, Nevada  
CREEDITE – Mina Navidad, Rodeo, Durango, Mexico  
CREEDITE - Nevada Moly Mine, near Tonopah, Nye County, Nevada  
CRICHTONITE (Plumbian) - Fazenda Guariba, Minas Gerais, Brazil  
CRISTOBALITE – Cougar Butte, Siskiyou County, California  
CRISTOBALITE - Obregon, State of Sonora, Mexico  
CRISTOBALITE – Summit Rock, Klamath County, Oregon  
CRISTOBALITE - Thomas Range, Juab County, Utah  
CROCOITE – Baita Bihor (Rezbanya), Romania  
CROCOITE - Beresov District, near Ekaterinburg (Sverdlovsk), Ural Mountains, Russia  
CROCOITE – Callenberg North Open Cut, Glauchau, Saxony, Germany  
CRONSTEDTITE - Herja (Kisbanya), Transylvania, Romania  
CRONSTEDTITE – Pribram, Central Bohemia, Czech Republic  
CRYOLITE – Ivigtut, Arsuk Firth, Kitaa Province, West Greenland  
CRYOLITE – St. Peters Dome Area, West of Cheyenne Mountain, El Paso County, Colorado  
CRYPTOHALITE – Katherina Mine, Radvanice, Bohemia, Czech Republic  
CRYPTOHALITE - Kehley's Run Mine, Shenandoah, Schuylkill Co., Pennsylvania – See HIERATITE  
CRYPTOMELANE - Kokko Mine, Fugoppe Zawa, Yoichi Machi, Hokkaido Province, Japan  
CRYPTOMELANE – Reaphook Hill, near Blinman, S.A., Australia  
CRYPTOMELANE – Reaphook Hill, SE of Blinman, S.A., Australia  
CUBANITE - Henderson #2 Mine, Chibougamau, Quebec, Canada  
CUBANITE - Mackinaw Mine, Monte Cristo, Snohomish County, Washington  
CUBANITE – Morro Velho Gold Mine, Nova Lima, Minas Gerais, Brazil  
CUMENGITE – Santa Rosalia, Baja California, Mexico T  
CUMMINGTONITE – 3800' Level, Homestake Mine, Lead, Lawrence County, South Dakota  
CUPRITE Var. Chalcotrichite – Tsumeb, Namibia  
CUPROSKLODOWSKITE – Happy Jack Mine, White Canyon District, San Juan County, Utah  
CUPROSKLODOWSKITE - Jachymov, Northwest Bohemia, Czech. Republic  
CUPROSKLODOWSKITE - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
CUPROTUNGSTITE - 1/2 Mi. N. of Crystal Peak Guard Station, Sierra County, California

CUPROTUNGSTITE - Wilson Consolidated Mine, Gold Hill District, Tooele County, Utah  
CURETONITE - near Golconda, Humboldt County, Nevada T  
CURIENITE – Mounana Uranium Mine, Haut-Ogoue Province, Gabon  
CURITE - Kasolo Pit, Shinkolobwe Mine, Shaba Province, Zaire  
CURITE – Shinkolobwe Mine, Shaba Province, Dem. Republic of the Congo (Zaire)  
CUSPIDINE - Commercial Quarry, Crestmore, Riverside County, California  
CYANOTRICHITE - Burrus Mine, Washoe County, Nevada  
CYANOTRICHITE – Copper Stope, Majuba Hill, Pershing County, Nevada  
CYANOTRICHITE - Maid of Sunshine Mine, Cochise County, Arizona  
CYLINDRITE - near Llallagua, Potosi Dept., Bolivia  
CYLINDRITE - Porvenir Mine, Huanuni, Bolivia  
CYMRITE – Langban, Varmland, Sweden  
CYMRITE - Pacheco Pass Road, Santa Clara County, California  
CYRILOVITE - Milgun Station, W.A., Australia  
CYRTOLITE - Little Patsy Pegmatite, South Platte, Jefferson Co., Colo. – See ZIRCON Var. Cyrtolite

D'ANSITE – synthetic, made in Germany (Zn end member)  
DACHIARDITE – Altoona, Wahkiakum County, Washington  
DACHIARDITE-Ca – Cape Lookout, Tillamook County, Oregon  
DADSONITE - Wolfsberg, Harz Mountains, Germany  
DAKEITE – Lost Creek, near Wamsutter, Sweetwater County, Wyoming – See SCHROCKINGERITE  
DALIRANITE – Zarshouran As-Au Mine, 35 Km. No. of Takab, Northwestern Iran  
DANNEMORITE - Brunsjogruvan (Brunsjö Mine), near Grythyttan, Orebro, Sweden – See MANGANOGRUNERITE  
DANNEMORITE - Brunsjogruvan (Brunsjö Mine), near Grythyttan, Orebro, Sweden  
DAPHNITE – South Caradon Mine, Caradon Hill, St. Cleer, Liskeard District, Cornwall, England – See CHAMOSITE  
DAVIDITE-(La) - Crocker's Well, Olary Province, S.A., Australia  
DAWSONITE – Limoncino, Valle Benedetta, Tuscany (Toscana), Italy  
DAWSONITE – Monticolo, Terlano, Alto Adige, Italy  
DAWSONITE - Mte. Amiata, Province of Siena, Tuscany, Italy  
DAWSONITE - Orciatice, Val D'Era, Tuscany (Toscana), Italy  
DAWSONITE – Siele Mine, Piancastagnaio, Amiata Mt., Siena Province, Tuscany (Toscana), Italy  
DAWSONITE (Chromian) – Limoncino, Valle Benedetta, Livorno, Italy  
DECRESPIGNYITE-(Y) – Paratoo Mine, Paratoo, S.A., Australia T  
DEERITE - Longvale Quarry, near Laytonville, Mendocino County, California T  
DEFERNITE - Kombat Mine, Namibia  
DELAFOSSITE – Copper Queen Mine, Bisbee, Cochise County, Arizona  
DELHAYELITE - Mt. Yukspor, Khibiny Massif, Kola Peninsula, Russia  
DELINDEITE - Diamond Jo Quarry, Magnet Cove, Hot Spring County, Arkansas T  
DENNINGITE – San Miguel Prospect, Moctezuma District, Sonora, Mexico  
DESAUTELSITE - Southern San Benito County, California T  
DEVILLINE – 3<sup>rd</sup> Level, Hilarion Mine, Kamariza Mines, Lavrion, Attiki Prefecture, Greece  
DEVILLINE - Glucksrad, Oberschulenburg, Harz Mountains, Germany  
DEVILLINE – Herrendgrund (Spania Dolina-Piesky), North of Neusohl, Czech Republic  
DEVITOITE – Esquire No. 8 Claim, Big Creek, near Pine Flat Lake, Fresno County, California T  
DEWINDTITE – San Cristobal Pegmatite, North of Santander, Colombia  
DEWINDTITE – Shinkolobwe Mine, Shaba Province, Zaire  
DIABOLEITE - Higher Pitts, Merehead Quarry, Mendip Hills, Somerset, England  
DIADOCHITE - New Idria Mine, Southern San Benito County, California  
DIAMOND (native C) - Akwatia Mine, Birim Diamond Field, Eastern Region, Ghana  
DIAMOND (native C) - Miba Mine, Mbuji Mayi (Bakwanga), Kasai-Oriental, Democratic Republic of Congo (Zaire)  
DIAMOND (native C) - Mirny Mine (Mir Mine; Mir Pipe; Myr Pipe), Mirny, Saha Republic, Eastern-Siberian Region, Russia  
DIAMOND (native C) - Premier Mine, Transvaal, Republic of South Africa  
DIAMOND (native C) - Quebrada Grande River, Guaniamo, Bolivar, Venezuela  
DIAPHORITE - Van Silver Claim, near Whistler, B.C., Canada  
DIAPHORITE – Van Silver Claims, near Whistler, British Columbia, Canada  
DIASPORE – Dover Mine, near Hawthorne, Mineral County, Nevada  
DIASPORE - Selçuk, Muğla Province, Aegean Region, Turkey  
DIASPORE Var. Mangandiaspore – near Postmasburg, Griqualand-West, South Africa  
DICKTHOMSENITE – Firefly-Pigmy Mine, La Sal Quadrangle, San Juan County, Utah T  
DIGNITE Var. Selenian Digenite - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
DIOPSIDE Var. Violane - Min. Praborna, St. Marcel, Valle D'Aosta, Italy  
DIOPSIDE Var. Zinc Schefferite - Franklin, Sussex County, New Jersey  
DIVERSILITE-(Ce) – Mt. Yukspor, Khibiny Massif, Kola Peninsula, Russia  
DJERFISHERITE – Coyote Peak, Humboldt County, California  
DJERFISHERITE – Mt. Rasvumchorr, Kola Peninsula, Russia T  
DJURLEITE - Gem Mine, Southern San Benito County, California

**DJURLEITE** - Green Monster Mine, Dome Rock Mountains, near Quartzsite, Yuma County, Arizona  
**DJURLEITE** - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**DOLOMITE** Var. Co-Dolomite – Tsumeb, Namibia  
**DOLORESITE** – Runge Mine, Fall River County, South Dakota  
**DOMEYKITE** – Cashin Mine, Montrose County, Colorado  
**DOMEYKITE** Var. Mohawkite – Mohawk Mine, Houghton County, Michigan T  
**DONNAYITE**-(Y) - Poudrette Quarry, Mont St. Hilaire, Rouville Co., Quebec, Canada T  
**DUFRENITE** - Rock Run, Cherokee County, Alabama  
**DUFRENITE** - Wheal Phoenix, Linkinhorne, Cornwall, England  
**DUFRENITE** - York Mine, Polk County, Arkansas  
**DUFTITE** - Tsumeb, Namibia T  
**DUGGANITE** – 400’ Level, Empire Mine, Tombstone, Cochise County, Arizona  
**DUHAMELITE** - Navojoa, Sonora, Mexico  
**DUNDASITE** – Padstow Consols, Padstow, Cornwall, England  
**DUNDASITE** - Tynagh Mine, Killimor, Loughrea, County Galway, Southern Ireland  
**DUNDASITE** - West Comet Mine, Dundas, Tasmania, Australia T  
**DUNDASITE** Var. Cuproundasite – Tsumeb Mine, Tsumeb, Otjikoto Region, Namibia  
**DUNDASITE** Var. Cuproundasite - Tui Mine, Mt. Te Aroha, North Island, New Zealand  
**DURANGITE** - Thomas Range, Juab County, Utah  
**DUSSERTITE** – Djebel Debar, Hamman Meskoutine, Constantine, Algeria  
**DUSSERTITE** - Prospect W. of Rhyolite Pass, N. of Luning, Mineral County, Nevada  
**DUSSERTITE** - Tecoma, Elko County, Nevada  
**DYPINGITE** - Brosso Mine, Cálea, Léssolo, Canavese District, Torino Province, Piedmont, Italy  
**DYPINGITE** - Clear Creek District, Southern San Benito County, California  
**DYPINGITE** – Nakauri, Shinshiro, Aichi Prefecture, Japan  
**DYPINGITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**DYPINGITE** (Yoshikawaite) - Yoshikawa, Shinshiro Shi, Aichi Pref., Japan  
**DYSANYLITE** – Perovskite Hill, Magnet Cove, Garland County, Arkansas – See **PEROVSKITE**  
**DYSCRASITE** – Imiter Mine, Imiter, Djebel Saghro, Ouarzazate Province, Morocco  
**DYSCRASITE** - Mine Wenzel, Black Forest, Wittichen, Baden, Germany  
**DYSCRASITE** - St. Andreasberg, Harz Mountains, Germany  
**DYSCRASITE** - Wolfach, Black Forest, Baden, Germany

**EAKERITE** - Foote Mineral Company Mine, Kings Mountain, Cleveland County, North Carolina T  
**EASTONITE** (variety of **BIOTITE**) – Easton, Northampton County, Pennsylvania  
**ECKERMANNITE** – Longvale Quarry, near Laytonville, Mendocino County, California  
**ECKERMANNITE** - Norra Karr Complex, near Granna, Ostergotsland, Sweden  
**ECLARITE** – Barenbad, S. of Hollersbachtal, Salzburg Province, Austria  
**EDENITE** – Merkerstein, Tanzania – See **ZOISITE** Var. Chrome Zoisite  
**EDENITE** – Palabora Mine, Loolekop, Phalaborwa, Limpopo Province, Republic of South Africa  
**EDGARBAILEYITE** - Clear Creek Claim, San Benito County, California T  
**EDGARBAILEYITE** - Socrates Mine, Sonoma County, California T  
**EDINGTONITE** - Ice River, near Golden, British Columbia, Canada  
**EDOYLERITE** - Clear Creek Claim, San Benito County, California T  
**EGGLETONITE** - Big Rock Quarry, Little Rock, Pulaski County, Arkansas T  
**EGLESTONITE** - Cahill Mine, Poverty Peak District, Humboldt County, Nevada  
**EGLESTONITE** - Challenge Deposit (Emerald Lake Mine), San Mateo Co., California  
**EGLESTONITE** – Clear Creek Claim, Southern San Benito County, California  
**EGLESTONITE** – Mariposa Mine, Terlingua Mining District, Brewster County, Texas T  
**EKANITE** - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia - See **STEACYITE**  
**ELECTRUM** – Double Decker Vein, Engineer Mine, Tagish Lake, Atlin, British Columbia, Canada – See **GOLD** (Electrum)  
**ELPIDITE** - Gjerdingen, Nordmarka, N. of Oslo, Norway  
**ELPIDITE** - Khan-Bogdinskii Massif, Central Gobi Desert, Mongolia  
**ELPIDITE** - Mt. Alluaiv, Khibiny Massif, Kola Peninsula, Russia  
**EMBOLITE** - Blue Bell Mine, San Bernardino County, California - See **CHLORARGYRITE** (Bromian)  
**EMBOLITE** - Proprietary Mine, Broken Hill, N.S.W., Australia - See **CHLORARGYRITE** (Bromian)  
**EMMONSITE** - McGinnity Shaft, Goldfield, Esmeralda County, Nevada  
**EMMONSITE** - Mina Bambollita, Moctezuma District, Sonora, Mexico  
**EMMONSITE** – San Miguel Mine, Moctezuma District, Sonora, Mexico  
**EMPRESSITE** - Rex Mine, Boulder County, Colorado  
**ENGLISHITE** - Tip Top Mine, Custer County, South Dakota  
**ENSTATITE** – Crestmore Quarry, near Riverside, Riverside County, California  
**ENSTATITE** – Magadi, Kenya, East Africa  
**ENSTATITE** – Mirabel Springs, Mount St. Helena, Lake County, California  
**ENSTATITE** Var. Bronzite – Kjørrestad, near Bamble, Telemark, Norway  
**EOSPHORITE** – Foote Mineral Company Mine, Kings Mountain, Cleveland County, North Carolina

EOSPHORITE – Hagendorf Sud, Oberpfalz, Bavaria, Germany  
EOSPHORITE – Palermo No. 1 Mine, Groton, Grafton County, New Hampshire  
EOSPHORITE – Rio Jequitinhonha, Taquaral, Minas Gerais, Brazil  
EPHESITE – near Postmasburg, Griqualand-West, South Africa  
EPIDIDYMITE – Mont St. Hilaire, Rouville County, Quebec, Canada  
EPIDIDYMITE - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
EPIDIDYMITE - Ovre-Aro Island, Langesundsfjorden, Norway  
ERDITE - Coyote Peak, near Orick, Humboldt County, California T  
ERICSSONITE – Langban, Varmland, Sweden  
ERIONITE - Dunseverick, County Antrim, Ireland  
ERIONITE - Giants Causeway, County Antrim, Northern Ireland  
ERNSTITE – La Viquita Mine, Chacabuco Dept., San Luis Province, Argentina  
ERYTHRITE – Gortdrum Mine, Tipperary, Ireland  
ERYTHRITE – Huercal Overa, Almeira Province, Spain  
ERYTHRITE – Lovelock Mine, Bolivia, Table Mountain District, Churchill County, Nevada  
ERYTHROSIDERITE – 1926 Eruption, Mt. Vesuvius, Italy T  
ESKOLAITE Var. Merumite - Merume River, Mazaruni-Potaro District, British Guyana  
ESPERITE – Parker Shaft, Franklin, Sussex County, New Jersey  
ESSENEITE - Kopeisk, Chelyabinskiy Coal Basin, Ural Mountains, Russia  
ETTRINGITE - N'Chwaning II Mine, Kalahari Mn Field, No. Cape Province, South Africa  
EUCRYPTITE - Al Hayat Lithium Mine, near Bikita, Southern Rhodesia (Zimbabwe)  
EUCRYPTITE - Etta Mine, near Keystone, Pennington County, South Dakota  
EUCRYPTITE - Foote Mineral Company Mine, Kings Mountain, Cleveland County, North Carolina  
EUCRYPTITE – Midnight Owl Mine, Maricopa County, Arizona  
EUDIALYTE – Aris Mine, approx. 20 miles south of Windhoek, Namibia  
EUDIALYTE – Kangerdluarssuk, Ilimaussaq, Greenland T  
EUDIALYTE - Kipawa Complex, Villedieu Township, Quebec, Canada  
EUDIALYTE – Mt. Karnasurt, Lovozero Massif, Russia  
EUDIALYTE – Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia  
EUDIALYTE Var. Eucolite - Aroy, Langesundsfjorden, Norway  
EUDIDYMITE – Mt. Malosa, Zomba District, Malawi  
EUDIDYMITE - Ovre Aro Island, Langesundsfjorden, Norway  
EUDIDYMITE - Vesle-Aro Island, Langesundsfjorden, Norway  
EULYTITE - Schneeberg, Saxony, Germany  
EUREKADUMPITE – Centennial Eureka Mine, Eureka, Juab County, Utah T  
EVANSITE - Creu Olorde, Barcelona, Spain  
EVANSITE – Kociha, Rimavska Sobota County, Banska Bystrica Region, Slovakia  
EWALDITE – Dolyhir Quarry, Wethel, Old Radnor, Powys (Radnorshire), Wales, UK  
EZCURRITE – Tincalayu Borate Mine, Salta Province, Argentina T

FAIRFIELDITE – Foote Mineral Company Mine, Kings Mountain, Cleveland County, North Carolina  
FAMATINITE – Morning Star Mine, Alpine County, California  
FAUJASITE – Quarry #1, Sasbach, Kaiserstuhl, Baden, Germany T  
FAUSTITE - Maggie Creek District, Eureka County, Nevada  
FAYALITE – Coso Hot Springs, Inyo County, California  
FAYALITE – Cougar Butte, Modoc County, California  
FAYALITE – Kajia-Kanagawa Ken, Honshu, Japan  
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FAYALITE Var. Manganfayalite (Knebelite) – Dannemora Mine, Dannemora, Osthhammar, Uppland, Sweden  
FEDORITE - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia  
FEITKNECHTITE – Kuratomi Mine, Tsukumi Shi, Oita Ken, Kyushu, Japan  
FENAKSITE - Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia  
FENCOOPERITE – Trumbull Peak, Mariposa County, California T  
FERGUSONITE-(Y) – Auswurflinge, Laacher See Region, Bellerberg, Eifel District, Rheinland-Pfalz, Germany  
FERGUSONITE-(Y) – Evje, Tvedalen, Norway  
FERGUSONITE-(Y) - Little Patsy pegmatite (Patsy pegmatite), South Platte Pegmatite District, Jefferson Co., Colorado  
FERGUSONITE-(Y) - Oregon #3 Mine, South Platte, Jefferson County, Colorado  
FERGUSONITE-(Y) – Ytterby, Sweden – See TENERITE-(Y)  
FERRARISITE - GruBe Gift (Gift Mine), Saint Marie-Aux-Mines, Alsace, France T  
FERRIERITE – Kamloops Lake, British Columbia, Canada  
FERRIERITE – Monte Lake, British Columbia, Canada  
FERRIMOLYBDITE - Little Cottonwood Canyon, near Alta, Salt Lake County, Utah  
FERRISICKLERITE – Palermo Mine, North Groton, Grafton County, New Hampshire  
FERRISICKLERITE – Palermo Quarry, North Groton, Grafton County, New Hampshire  
FERRISTRUNZITE – Blaton Hainaut, Belgium T  
FERRISURITE – Shirley Ann Claim, Death Valley National Monument, Inyo County, California

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**FERROACTINOLITE** – Lower Adit, DH Claims, Gila County, Arizona  
**FERROCOLUMBITE** – Virgem de Lapa Pegmatite, State of Minas Gerais, Brazil  
**FERROCOLUMBITE** - Great Divide Quarry, Topsham, Sagadahoc County, Maine  
**FERROGLAUCOPHANE** – Ile de Groix, Bay of Biscay, Bretagne, France  
**FERROKESTERITE** - Cligga Mine, Perranzabuloe, Cornwall, England T  
**FERROPYROSMALITE** - Monchi Mine, Burguillos del Cerro, Badajoz Province, Spain  
**FERROSELITE** - A.E.C. Mine #8, Temple Mountain, Emery County, Utah  
**FERROSILITE** – Mansjoberg, Los, Halsingland, Sweden  
**FERROSILITE** - NEIGC Stop #9, Route 16 Road Cut, Little Squaw, Maine  
**FERROSILITE** – Route 16 Roadcut, Little Moose Township, Piscataquis County, Maine  
**FERROTAPIOLITE** – Zundum Mine, Pontal District, Governador Valadares, M.G., Brazil  
**FERROWYLLIEITE** - Victory Mine, Custer County, South Dakota  
**FERSMITE** - Dark Star Claim, Bitterroot Base Line, Ravalli County, Montana  
**FINNEMANITE** – Puttapa Zinc Mine, Puttapa, Flinders Ranges, S.A., Australia  
**FLORENCITE-(Ce)** – Mina Rumi Tucu, Cerro Leon Muerto, Catamarca, Argentina  
**FLORENCITE-(Ce)** – Oberjosbach, Taunus, Germany  
**FLORENCITE-(Nd)** – 1/2 Mile So. of Sausalito, Marin County, California T  
**FLUELLITE** - Tom's Phosphate Quarry, near Kapunda, S.A., Australia  
**FLUOBORITE** – New Method Mine, Bristol Mountains, San Bernardino Co., California  
**FLUOBORITE** - Palabora Open Pit, Phalaborwa, Transvaal, Republic of South Africa  
**FLUOCERITE-(Ce)** – Little Patsy Pegmatite, South Platte District, Jefferson County, Colorado  
**FLUOCERITE-(Ce)** – Osterby, St. Skedevi, Sater, Dalarna, Sweden  
**FLUORAPATITE (Arsenical)** - Sitipar, Chindwara District, Central Provinces, India  
**FLUORAPATITE** Var. Carbonatian - Levant Mine, St. Just, Cornwall, England – See Carbonate Fluorapatite  
**FLUORAPATITE** Var. Saamite (Strontium Apatite) – Pegmatite No. 47, Lovozero Massif, Kola Peninsula, Russia  
**FLUORELLESTADITE (Wilkeite)** - Crestmore Quarry, near Riverside, Riverside County, California  
**FLUORITE** Var. Yttrifluorite - Hundholmen, Tysfjord, Northern Norway D, T  
**FLUORITE** Var. Yttrifluorite – White Cloud Pegmatite, Jefferson County, Colorado  
**FLUORO-POTASSIC-HASTINGSITE** – Greenwood Mine, Orange Co., Maine (see POTASSIC-FLUORO-HASTINGSITE)  
**FOITITE** – Erongo Mountains, Usakos, Namibia  
**FOITITE** – White Queen Mine, San Diego County, California  
**FORNACITE** – Chah Khuni Mine, near Anarak, Iran  
**FORNACITE** – Reneville, Shaba Province, Zaire  
**FORNACITE** - Shattuck Shaft, Bisbee, Cochise County, Arizona  
**FORNACITE** – Vekol Mine, Pinal County, Arizona  
**FORSTERITE** - Apache Indian Reservation, San Carlos, Gila County, Arizona  
**FORSTERITE** – Jacupiranga Mine, Sao Paulo State, Brazil  
**FORSTERITE** - Mount Shadwell Quarry, Mortlake, Moyne Shire, Victoria, Australia  
**FORSTERITE** - Mt Briançon, Saint-Arcons-d'Allier, Langeac, Haute-Loire, Auvergne, France  
**FORSTERITE** - Sigurdfjelet Volcano, Svalbard, Spitzbergen Island, off the coast of Norway  
**FORSTERITE** (= Olivine, Peridot) – Dreisler Weiher Daun, Eifel District, Rhineland, Germany  
**FORSTERITE** (= Olivine, Peridot) – Ray Pic, Central France  
**FORSTERITE** (= Olivine, Peridot) - Cuervo Crater, Le Geria, Lanzarote, Las Palmas Province, Canary Islands, Spain  
**FOSHAGITE** - Crestmore Quarry, near Riverside, Riverside County, California  
**FOURMARIERITE** - Lookout #22 Mine, Marshall Pass, Saguache County, Colorado  
**FRAIPONTITE (Cuprian)** - Defiance-Silver Bill Mines, Gleeson, Cochise County, Arizona  
**FRANCEVILLITE** - Mounana Mine, Haut-Ogoue Province, Gabon T  
**FRANCISCANITE** - Pennsylvania Mine, Santa Clara County, California T  
**FRANCKEITE** - "D" Vein, 220 Level, San Jose Mine, Dept. of Oruro, Bolivia  
**FRANCKEITE** - Kalkar Quarry, Santa Cruz County, California  
**FRANCONITE** – Francon Quarry, Mont St. Hilaire, Rouville County, Ontario, Canada T  
**FREIBERGITE** - Sweet Home Mine, Alma, Park County, Colorado  
**FREIBERGITE** – Zaca Mine, Monitor-Mogul Mining District, Alpine County, California  
**FRESNOITE** - Esquire #7 Mine, Big Creek, Fresno County, California T  
**FRESNOITE** – Junnila Mine, New Idria District, Southern San Benito County, California  
**FRESNOITE** - Victor Mine, Clear Creek District, San Benito County, California  
**FRIEDELITE** - Franklin, Sussex County, New Jersey  
**FRIEDELITE** – N'Chwaning II Mine, Kuruman District, Northern Cape Province, Rep. of South Africa  
**FRIEDRICHITE** – Vysna Boca, Slovakia  
**FRONDELITE** - Sapucaia Pegmatite, Conselheiro Pena, Minas Gerais, Brazil T  
**FRONDELITE** - Tip Top Mine, Custer County, South Dakota  
**FULOPPITE** - Wet Swine Gill, Caldbeck Fells, Cumberland, England  
  
**GADOLINITE** – White Cloud Mine, Jefferson County, Colorado  
**GADOLINITE-(Y)** - Hydra (Hitterø), Flekkefjord, Vest-Agder, Norway

**GADOLINITE-(Y)** – Ytterby, Resaro, Sweden  
**GADOLINITE-(Y)** - Ytterby, Sweden  
**GAGEITE** - Pennsylvania Mine, Santa Clara County, California  
**GAHNITE** – Falun Mine, Falun, Dalarna, Sweden  
**GAHNITE** – near Stratford, Alleghany County, North Carolina  
**GAHNITE** – Trotter Mine, Franklin, Sussex County, New Jersey  
**GAIDONNAYITE** – DeMix Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada  
**GAIDONNAYITE** - Mont St. Hilaire, Rouville County, Quebec, Canada  
**GALENOBISMUTITE** – Cariboo Gold Mine, Cariboo District, British Columbia, Canada  
**GALKHAITE** - 4850 Level, South Pit, Getchell Mine, Humboldt County, Nevada  
**GALKHAITE** - North Pit, Getchell Mine, Humboldt County, Nevada  
**GANOMALITE** - Crestmore Quarry, near Riverside, Riverside County, California  
**GANOMALITE** - Langban, Varmland, Sweden  
**GARNIERITE** - Mabilikne Hill, Pafuri, Transvaal, Republic of South Africa  
**GARNIERITE** - Riddle, Douglas County, Oregon  
**GASPEITE** - Lemieux Township, Gaspé Nord County, Gaspé Peninsula, Quebec, Canada T  
**GASPEITE** - Widgie Mooltha, W.A., Australia  
**GAUDEFROYITE** - N'Chwaning II Mine, No. Cape Province, Republic of South Africa  
**GAUDEFROYITE** - No. 2 Vein, Tachgagalt, Ouarzazate, Morocco  
**GAUDEFROYITE** – Wessels Mine, Kalahari Manganese Field, Northern Cape Province, South Africa  
**GAYLUSSITE** - Teels Marsh, Mineral County, Nevada  
**GEARKSUTITE** – Anaconda Moly Mine, San Antonio Mountains, Nye County, Nevada  
**GEARKSUTITE** – Vergenoeg, Settlers, South Africa  
**GEDRITE** – Bamle, Telemark, Norway  
**GEDRITE** – Bjordammen, near Kragero, Southern Norway  
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**GEHLENITE** - Casa Collina Quarry, Pitigliano, Grosseto, Tuscany, Italy  
**GEHLENITE** – Crestmore Quarry, near Riverside, Riverside County, California  
**GEHLENITE** – Crestmore Quarry, near Riverside, Riverside County, California  
**GENTHELVITE** – Mont St. Hilaire, Rouville County, Quebec, Canada  
**GEOCRONITE** – Manzano Mine, Tuscany (Toscana), Italy  
**GEOCRONITE** – Sala Mine, Vastmanland, Sweden  
**GEOCRONITE** Var. Kilbrickenite - Kilbricken Mine, County Clare, Southern Ireland  
**GEORGEITE** – Carr Boyd Nickel Mine, Carr Boyd Rocks, W.A., Australia  
**GERMANITE** - Tsumeb, Namibia  
**GERSDORFFITE** - Kalkar Quarry, Santa Cruz County, California  
**GERSDORFFITE** – Tapacari, Dept. Oruro, Bolivia  
**GERSTLEYITE** - Baker Mine, Boron, Kern County, California  
**GERSTLEYITE** - Western Mine, Kramer Borate District, Kern County, California  
**GETCHELLITE** - Getchell Mine, Humboldt County, Nevada T  
**GETCHELLITE** - Khaidarkan (Hajdarkan), Kirgizstan (Kirgizia), Uzbekistan  
**GIBBSITE** - Hargreaves, Ouro Preto, Minas Gerais, Brazil  
**GIBBSITE** – Holbrook Extension, Lavender Pit, Bisbee, Cochise County, Arizona  
**GIBBSITE** Var. Cuprogibbsite - Kamareza Mine, Laurium, Attica, Greece  
**GILALITE** - Christmas Mine, near Hayden, Gila County, Arizona T  
**GILLARDITE** – 132 North Mine, Widgiemooltha, W.A., Australia  
**GILLESPIE** - Esquire No. 7 Claim, Big Creek, Fresno County, California  
**GILLESPIE** - La Madrelena (Madrellana) Mine, Tres Pozos, Baja California, Mexico  
**GILLESPIE** - Trumbull Peak, near Incline, Mariposa County, California  
**GILLULYITE** - Lulu Cut, Level 6810, Barrick Gold Mine, Mercur Dist., Tooele Co., Utah T  
**GILSONITE (UINTAHITE)** - Uinta Valley, near Ft. Duchesne, Utah  
**GINORITE** - East Coleman Hills, Furnace Creek District, Death Valley N.M., Inyo County, California  
**GISMONDINE** - Arensberg, near Zilsdorf, Eifel, Germany  
**GITTINSITE** – Kipawa Complex, Villedieu Township, Quebec, Canada  
**GLAUCOCERINITE** - Hilarion Mine, Kamareza, Laurium, Attica, Greece  
**GLAUCONITE** – 1/2 Mile So. of Sausalito, Marin County, California  
**GLAUCONITE** – Beers Mine, Monmouth County, New Jersey  
**GLAUCOPHANE** – Reed Station, Tiburon Peninsula, Marin County, California  
**GLAUKOSPHAERITE** - Carr Boyd Nickel Mine, Carr Boyd Rocks, W.A., Australia  
**GMELINITE** - Cape Schanck, Victoria, Australia  
**GMELINITE** - Flinders, Victoria, Australia  
**GMELINITE** - Island Magee, County Antrim, Northern Ireland  
**GMELINITE** - Poudrette Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada  
**GMELINITE** - Stony Creek, Grant County, Oregon  
**GMELINITE-(Na)** – Simmon's Bay, Flinders, Victoria, Australia  
**GOBBINSITE** - Island Magee, County Antrim, Northern Ireland T

**GOLD** – Worldwide localities – request our separate list  
**GOLD (Electrum)** – Double Decker Vein (No. 8 Vein), Engineer Mine, Tagish Lake, Atlin, British Columbia, Canada  
**GOLD (native)** – Bjorkdals Mine, Kagedalen, Skelleftea, Northern Sweden  
**GOLD (native)** – Bomlo, Haugesund Gangen, Hordaland, Western Norway  
**GOLD (native)** - E. Branch of the "Wild Ammonoosuc", near Bath, Grafton County, New Hampshire  
**GOLD (native)** – Hope's Nose, Torquay, Devon, England  
**GOLD (native)** – Laurieras, Haute Vienne, France  
**GOLD (native)** - Mt. Kare, near Porgera, Enga Province, Papua, New Guinea  
**GOLD (Pd-rich)** – Hope's Nose, Torquay, Devon, England  
**GOLDFIELDITE** - Bambollita Mine, Moctezuma District, Sonora, Mexico  
**GOLDICHITE** – Dexter No. 7 Mine, Calf Mesa, San Rafael Swell, Utah T  
**GOLDMANITE** - Sandy Mine, Laguna Uranium District, Valencia County, New Mexico  
**GONNARDITE** - Bundoora, Victoria, Australia  
**GONNARDITE** - Hills Port, So. of Gobbins Cliff, Island of Magee, County Antrim, Northern Ireland  
**GONNARDITE** - Magnet Cove, Hot Spring County, Arkansas  
**GONNARDITE** - Schellkopf, Brenk, Eifel, Germany  
**GONNARDITE** Var. Ranite - Barkevik, Langesunds fjord, Norway  
**GOSECREEKITE** – Pandulena Quarry, Nasik, Maharashtra State, India  
**GORCEIXITE** – Beauvoir Quarry, Eschassieres, Allier, Auvergne, France  
**GORCEIXITE** – Ehrenfriedersdorf, Sachsen (Saxony), Germany  
**GORCEIXITE** – Magnet Mine, Dundas, Tasmania, Australia  
**GORDAITE** – Hilarion Mine, Kamareza Mines, Laurion District, Attica Prefecture, Greece  
**GORMANITE** – Rapid Creek Area, Yukon Territory, Canada  
**GORMANITE / SOUZALITE** – Big Fish / Blow River Area, Yukon Territory, Canada TL  
**GOSLARITE** – Rammelsberg Mine, Goslar, Harz Mountains, Germany T  
**GOUDEYITE** - Copper Stope, Majuba Hill, Pershing County, Nevada T  
**GOWERITE** – Corkscrew Mine, Corkscrew Canyon, Furnace Creek District, DVNM, Inyo Co., California  
**GOWERITE** – Furnace Creek District, Death Valley National Monument, Inyo County, California  
**GOWERITE** – Hard Scramble Claim, Ryan, Death Valley National Monument, Inyo County, California  
**GOYAZITE (BARIAN GOYAZITE)** - Alto Bernardino, Picui, Paraiba, Brazil  
**GRANDIDIERITE** - Mobetsu, Malagasy Republic  
**GRAPHITE** – Fowler Quarry, Franklin, Sussex County, New Jersey  
**GRAPHITE** – Kipawa Complex, Villedieu Township, Quebec, Canada  
**GRAPHITE (native C)** – Andarabato, Madagascar  
**GRAPHITE (native C)** – Dillon, Beaverhead County, Montana  
**GRAPHITE (native C)** – Fowler Quarry, Franklin, Sussex County, New Jersey  
**GRAPHITE (native C)** – Kalkar Quarry, Santa Cruz County, California  
**GRAPHITE (native C)** - Lead Hill Mine, near Ticonderoga, Essex County, New York (xls.)  
**GRAPHITE (native C)** – Gjerstad - Tvedestrand area, Tvedestrand, Aust-Agder, Norway  
**GRAPHITE (native C)** - Plumbago Mine, Seathwaite, near Lomever, Cumbria, England  
**GRAPHITE (native C)** - Ratnapura District, Sri Lanka (Ceylon)  
**GRAPHITE (native C)** – Seathwaite Mine, Borrowdale, Cumbria, England  
**GRAPHITE (native C)** – Siberia, Russia  
**GRAPHITE (native C)** – Sims Quarry, Jurupa Mountains, Riverside County, California  
**GRATONITE** - Rio Tinto Mines, Huelva Province, Spain  
**GREENOCKITE** – Gold Quarry Mine, Maggie Creek District, Eureka County, Nevada  
**GREENOCKITE** – Llallagua, Potosi, Bolivia  
**GREENOCKITE** - New Glencrieff Mine, Wanlockhead, Scotland  
**GREENOCKITE** – Příbram, Central Bohemia, Czech Republic  
**GREENOCKITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**GREENOCKITE** – Ueberroth Mine, Friedensville, Lehigh County, Pennsylvania  
**GREENOCKITE** - United Keno Hill Mine, May, Yukon Territory, Canada  
**GREENOCKITE (Zincian)** - Barrick Side, Post Pit, Carlin Gold Mine, Eureka County, Nevada  
**GREIGITE** - Matra, Island of Corsica (Mediterranean Sea)  
**GRIFFITHITE** – See SAPONITE Var. Griffithite – Griffith Park, Los Angeles County, California T  
**GRIPHITE** – Sitting Bull Mine, near Keystone, Pennington County, South Dakota  
**GROUTITE** - Winterberg, Harz Mountains, Germany  
**GRUNERITE** – Chester, Windsor County, Vermont  
**GRUNERITE** Var. Amosite - Mount Bollatshwene, Lepele-Nkumpi Municipality, Capricorn Dist., Limpopo Prov., South Africa  
**GRUNERITE** Var. Amosite - Penge Mine, Sekhukhune District, Limpopo Province, South Africa  
**GRUNERITE** Var. Amosite – Penge Mine, Transvaal, Republic of South Africa  
**GUDMUNDITE** – Kolarsky Vrch, Pezinok, near Penek, South-West Slovakia, Slovak Republic  
**GUDMUNDITE** – Uranium Mine #19, Příbram, Bohemia, Czech Republic  
**GUILLEMINITE** - Musonoi Mine, Kolwezi, Shaba Province, Zaire T  
**GUMMITE** – Allen Mica Mine, Alstead, Cheshire County, New Hampshire  
**GUMMITE** - Ruggles Mine, Grafton Center, Grafton County, New Hampshire



GUSTAVITE – Rorgulden Mine, Salzburg, Austria

HAGGITE - Runge Mine, Fall River County, South Dakota

HADINGERITE - Joachimsthal (Jachymov), Bohemia, Czechoslovakia

HAIWEEITE – Haiwee Reservoir, Inyo County, California T

HAIWEEITE – Teofilo Ottoni, State of Minas Gerais, Brazil

HAMBERGITE – Mesa Grande, Pala District, San Diego County, California

HAMBERGITE – Tvedalen, Langesundsfjord, Norway

HAMMARITE – Vysna Boca, Slovakia

HANCOCKITE - Parker Shaft, Franklin, Sussex County, New Jersey T

HANNEBACHITE - Hannebacher Ley, near Hannebach, Eifel, West Germany T

HARDYSTONITE – 850 Level, Hamburg Mine, Franklin, Sussex County, New Jersey

HARDYSTONITE – Franklin, Sussex County, New Jersey

HARDYSTONITE – Parker Shaft, Franklin, Sussex County, New Jersey

HARKERITE - Camas Malag, near Bradford, Isle of Skye, Scotland T

HARMOTOME - Achat, Steinbruch Setz, Idar-Oberstein, Rhineland, Germany

HARMOTOME - Middleshop Mine, Strontian, Argyllshire, Scotland

HATCHITE – Lengenbach Quarry, Binntal, Wallis, Switzerland T

HAUERITE – Radussa, Sicily, Italy

HAUSMANNITE - Alum Rock Park, Santa Clara County, California

HAUSMANNITE - Kombat Mine, Otavi Mts., near Tsumeb, Namibia – See HEMATOPHANITE

HAUSMANNITE - N'Chwaning II Mine, Kalahari Mn Field, No. Cape Province, South Africa

HAUSMANNITE – Noda-Tamagawa Mine, Noda Mura, Kunohe Gun, Iwate Ken, Honshu, Japan

HAUYN – Sludjanka, Lake Baikal Region, Russia

HAUYN – Taiarapu Beach, Teahupoo, Tahiti Iti, Tahiti, French Polynesia

HAUYNE - Ariccia, near Rome, Italy

HAWLEYITE – Silver Queen Mine, Eureka District, Eureka County, Nevada

HAYNESITE - Repete Mine, San Juan County, Utah

HEAZLEWOODITE - Lord Brassey Nickel Mine, Heazlewood, Tasmania, Australia T

HEAZLEWOODITE – Nickel Reward Mine, Trial Harbour, Tasmania, Australia

HECTORITE – Lyles Clay Deposit, near Hillside, Yavapai County, Arizona

HEDENBERGITE – Akadani Mine, Niigata Prefecture, Chubu Region, Honshu Island, Japan

HEDENBERGITE – Dal'negorsk, Primorskiy Kray, Far Eastern Russia

HEDENBERGITE – Min. Temperino, Campiglia, Toscana (Tuscany), Italy

HEDENBERGITE / JOHANNSENITE - Temperino Mine, Temperino, Campiglia Marittima, Livorno Province, Tuscany, Italy

HEDENBERGITE Var. Manganhedenbergite – Duquesne Mine, Santa Cruz County, Arizona

HEDENBERGITE Var. Manganhedenbergite – Old Westinghouse Property, Duquesne Mine, Santa Cruz Co., AZ

HEDLEYITE – Good Hope Mine, Hedley, B.C., Canada T

HEDYPHANE - Harstigen Mine, Pajsberg, near Persberg, Varmland, Sweden

HEDYPHANE – Langban Mines, Langban, Varmland, Sweden T

HEDYPHANE - Puttapa Zinc Mine, Beltana Pb-Zn Deposit, Flinders Ranges, S.A., Australia

HEINRICHITE - White King Mine, 14 Miles N.W. of Lakeview, Lake County, Oregon

HELLANDITE-(Y) – Evans-Lou Mine, Poltimore, 22 Miles No. of Ottawa, Quebec, Canada

HELLYERITE - Lord Brassey Nickel Mine, Heazlewood, Tasmania, Australia T

HELVITE - Foote Mineral Company Mine, Kings Mountain, North Carolina

HELVITE - Wushan Spessartine Mine, Tongbei, Yunxiao Co., Zhangzhou Prefecture, Fujian Province, China

HEMATOPHANITE – Kombat Mine, Otavi Mountains, near Tsumeb, Namibia

HEMIHEDRITE – Chah Khuni Mine, near Anarak, Iran

HEMIHEDRITE – Pack Rat Claim (Rat Tail Claim), Wickenburg area, Maricopa County, Arizona

HEMIHEDRITE – Potter-Cramer Mine, Vulture Mountains, Maricopa County, Arizona

HEMIMORPHITE - Laochang Mine, Gejiu County, Honghe Autonomous Prefecture, Yunnan Province, China

HEMIMORPHITE – Wenshan Mine, Wenshan Autonomous Prefecture, Yunnan Province, China

HENDRICKSITE – Parker Shaft, Franklin, Sussex County, New Jersey

HENMILITE – Fuka Mine, Bitchu-Cho, Okayama Prefecture, Honshu Island, Japan T

HENRITERMIERITE – N'Chwaning II Mine, Kuruman, Kalahari Mn Field, No. Cape Province, South Africa

HERBERTSMITHITE – Kali Kafi Mine, Anarak District, Esfahan Province, Iran

HERBERTSMITHITE – San Francisco Mine, Sierra Gorda, Antofagasta, Chile

HERSCHELITE – Horseshoe Dam, Maricopa County, Arizona

HESSITE - Cash Mine, Boulder County, Colorado

HETAEROLITE – Mohawk Mine, San Bernardino County, California

HETAEROLITE - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey

HETEROGENITE – Goodsprings, Clark County, Nevada

HETEROGENITE – Mashamba-West Mine, Shaba Province, Zaire (Congo)

HETEROGENITE - Mine LaMotte, Missouri

HETEROGENITE – Mupine Mine, Shaba Province, Zaire

HETEROGENITE – Mupine, Shaba Province, Zaire

**HETEROGENITE** – Musonoi Mine, near Kolwezi, Shaba Province, Zaire (Congo)  
**HETEROGENITE-3R** Var. Stainierite - Mindingi, Shaba Province, Zaire T  
**HETEROMORPHITE** - Eugenia Mine, Belmont del Priortat, Catalonia, Spain  
**HEULANDITE-(Na)** – Rat’s Nest Claim, near Specimen Hill, Challis County, Idaho  
**HEWETTITE** - Cactus Rat Mine, Cisco, Yellow Cat District (W. part of Thompsons District), Grand Co., Utah  
**HEWETTITE** - Parco #8 Mine, Yellow Cat District, near Thompson, Grand County, Utah  
**HEXAHYDRITE** – Basque Lakes, near Ashcroft, B.C., Canada  
**HEYROVSKYITE** - Hurky, near Cista, 65 KM W. of Prague, Bohemia, Czechoslovakia T  
**HIBSCHITE** – Faiallo Pass, Urbe, Savona Province, Liguria, Italy  
**HIDALGOITE** - Gold Hill Mine, Tooele County, Utah  
**HIDALGOITE** - Kintore Opencut, Broken Hill, N.S.W., Australia  
**HIERATITE** – Kehley’s Run Mine, Shenandoah, Schuylkill County, Pennsylvania  
**HILAIRITE** - Mont St. Hilaire, Rouville County, Quebec, Canada T  
**HILGARDITE** Var. Strontiohilgardite - High Angara, Siberia, Russia  
**HILGARDITE-1Tc** - Boulby Mine, Loftus, Cleveland, England  
**HILLEBRANDITE** – Crestmore Quarry, Riverside County, California  
**HINSDALITE** pseudo after PYROMORPHITE - Sylvester Mine, Zeehan, Tasmania, Australia  
**HISINGERITE** – Longvale Quarry, near Laytonville, Mendocino County, California  
**HOCHLAGAITE** - DeMix Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada  
**HODGKINSONITE** - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**HOGBOMITE** - Bathurst Township, Lanark County, Ontario, Canada  
**HOGBOMITE-15R** – Castor Claim, Routevaara, Lapland, Sweden  
**HOGTUVAITTE** - Moi Rana, Altermark, Nordland, Norway  
**HOHMANNITE** - Quetena, Antofagasta Province, Chile  
**HOLLANDITE** – Sorharas Mt., Ultevis Range, Lappland, Sweden  
**HOLLANDITE** – Taouz, Morocco  
**HOLMQUISTITE** - Lemonade Springs, Greenbushes, W.A., Australia  
**HOLMQUISTITE** - Uto Island, Sodermanland, Sweden T  
**HOLTEDAHLITE** – Tingelstadtjern, Modum, Norway T  
**HOLTITE** – Mt. Ploskaja, Kola Peninsula, Russia  
**HOPEITE** - #2 Kopje Open Cut, Broken Hill Mine, Kabwe, Zambia  
**HORTONOLITE** – Obsidian Cliffs, Lane County, Oregon  
**HOWIEITE** - Longvale Quarry, near Laytonville, Mendocino County, California T  
**HOWLITE** – East Coleman Hills, Furnace Creek Dist., Death Valley N.M., Inyo Co., California  
**HUBEITE** – Fengjishan Mine (Daye Mine), Huangshi Prefecture, Hubei Province, China t  
**HUEMULITE** - The Fish, Eureka County, Nevada  
**HUMMERITE** - Hummer Mine, Paradox Valley, Montrose County, Colorado T  
**HUNTITE** - Crestmore Quarry, near Riverside, Riverside County, California  
**HUNTITE** - Currant Mining District, Nye County, Nevada  
**HUREAULITE** - Cigana Mine, Galileia, Minas Gerais, Brazil  
**HUTCHINSONITE** - La Libertad Mine, Quiruvilca, Peru  
**HYALOPHANE** - Jakobsberg Mine, Nordmark, Filipstad, Varmland, Sweden  
**HYALOPHANE** – Ultevis, Lappland, Sweden  
**HYALOPHANE** - Zagradski Creek, near Busovaca, Bosnia, Yugoslavia (xls.)  
**HYDROBORACITE** – Boron Mine, Kern County, California  
**HYDROBORACITE** – Inder Borate Deposit, Atyrau Province, Kazakhstan T  
**HYDROBORACITE** – Kohnstein Quarry, Niedersachswerfen, Thuringia, Germany  
**HYDROBORACITE** - Lake Inder, Central Kazakhstan  
**HYDROCERUSSITE** - C. & B. Mine, Gila County, Arizona  
**HYDROCERUSSITE** - Higher Pitts, Merehead Quarry, Mendip Hills, Somerset, England  
**HYDROCERUSSITE** – Langban Mines, Langban, Varmland, Sweden  
**HYDROCERUSSITE** – Langban, Varmland, Sweden  
**HYDROCERUSSITE** - Tsumeb, Namibia  
**HYDRODELHAYELITE** - Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia T  
**HYDROGLAUBERITE** – Bertram Siding, Imperial County, California  
**HYDROGROSSULAR** - Red Mountain, near Ukiah, Mendocino County, California  
**HYDROHETAEROLITE** – Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey  
**HYDROMAGNESITE** – Artinite Pit, Clear Creek District, Southern San Benito County, California  
**HYDROMAGNESITE** – Del Puerto Canyon, Stanislaus County, California  
**HYDROMAGNESITE** – Gabbs Basic Refractories Mine, Gabbs, Nye County, Nevada  
**HYDROMOLYSITE** – 1926 Eruption, Mt. Vesuvius, Italy – See ERYTHROSIDERITE  
**HYDRONIUM JAROSITE** (Carphosiderite) – Rustler Mine, Tooele County, Utah  
**HYDROPHANE** - Square Top Mountain, Dalby, Southeast Queensland, Australia - See OPAL Var. Hydrophane  
**HYDROPYROCHLORE** (Safiannikoffite) – Lueshe Mine, Kivu, Democratic Republic of Congo (Zaire)  
**HYDROTALCITE** – Dypingdal Serpentinite-Magnesite Deposit, Snarum, Modum, Buskerud, Norway  
**HYDROTALCITE** - Modum, Buskerud, Norway

HYDROTALCITE - Snarum, Vikersund, Norway  
HYDROXYAPOPHYLLITE - Mofjellet Mine, near Mo I Rana, Western Norway  
HYDROXYAPOPHYLLITE-(K) - N'Chwaning II Mine, Kuruman, Kalahari Manganese Field, No. Cape Province, South Africa  
HYDROXYAPOPHYLLITE-(K) - Wessels Mine, Kalahari Manganese Field, Northern Cape Province, South Africa  
HYDROXYLAPATITE – David Mosiah Claim, Cerro Huanaquino, Potosi Department, Bolivia (See APATITE-(CaOH)  
HYDROXYLAPATITE - Mo-i-Rana, Rana, Nordland, Norway (See APATITE-(CaOH)  
HYDROXYLAPATITE – Oksoyekollen, Snarum, Modum, Buskerud, Norway (See APATITE-(CaOH)  
HYDROXYLAPATITE – Sapo Mine, Goiaberias, Minas Gerais, Brazil  
HYDROXYLAPATITE (Collophane) – near Drummond, Powell County, Montana  
HYDROXYLBASTNASITE-(Ce) – Tundulu Hill, Blantyre, Malawi  
HYDROXYL-HERDERITE – Palermo Mine, North Groton, New Hampshire  
HYDROZINCITE – Argentina Mine, Goodsprings, Clark County, Nevada  
HYDROZINCITE – Franklin, Sussex County, New Jersey  
HYDROZINCITE – Fredrickson Mine, Goodsprings District, Clark County, Nevada  
HYDROZINCITE – Mina Ojuela, Mapimi, Durango, Mexico  
HYDROZINCITE – Yellow Pine Mine, Goodsprings District, Clark County, Nevada  
HYPERCINNABAR – Mt. Diablo Mine, Contra Costa County, California  
HYPERSTHENE - Summit Rock, near Diamond Lake, Klamath County, Oregon

IDAITE – Gruvberget, Lapland, Sweden  
IDRIALITE – Culver-Baer Mine, near Cloverdale, Sonoma County, California  
IDRIALITE - Skaggs Springs, Sonoma County, California  
IIMORIITE-(Y) – Mt. Ploskaja, Keivy, Kola Peninsula, Russia  
IIMORIITE-(Y) – Mt. Ploskaja, West Keivy, Kola Peninsula, Russia  
ILESITE - Penn Mine, Summit County, Colorado  
ILMENITE – between Union Carbide Pit & the Gem Mine, So. San Benito Co., California  
ILMENITE – Gem Mine district, Southern San Benito County, California  
ILMENITE – Old Mica Mine, near Saluda, Saluda County, South Carolina  
ILMENITE – Snarum, Buskerud, Norway  
ILMENITE (Mg-Ilmenite) – Jacupiranga Mine, Sao Paulo State, Brazil  
ILMENORUTILE - Sierra Albarrana, Cordoba, Spain  
ILSEMANNITE - Bullion Monarch Mine, Marysvale District, Piute County, Utah  
IMANDRITE – Vuonnemik River, Khibiny Massif, Kola Peninsula, Russia  
IMITERITE - Imiter Mine, Jbel Sarhro, Anti-Atlas Mountains, Morocco T  
INCAITE – Santa Cruz Mine, Poopo, Poopo Province, Oruro Department, Bolivia T  
INDERBORITE - Inder Borate Deposit, Atyrau Province, Kazakhstan T  
INDERBORITE – Lake Inder, Kazakhstan T  
INDERITE – Boron Mine, Boron, Kern County, California  
INDIALITE – Schoeller Mine, Kladno, Czech Republic  
INESITE – Fengjishan Mine (Daye Mine), Huangshi Prefecture, Hubei Province, China  
INESITE – Hale Creek Mine, Trinity County, California  
INESITE – Kawazu Mine, Shimoda City, Izu Peninsula, Shizuoka Prefecture, Honshu Island, Japan  
INESITE – New Broken Hill Consolidated Mine, Broken Hill, N.S.W., Australia  
INESITE – Zinc Corporation (ZC) Mine, Broken Hill, New South Wales, Australia  
INYOITE – Haulage Tunnel, Ryan, Kern County, California  
INYOITE - Lake Inder Borate Deposit, Central Kazakhstan  
INYOITE - Pastos Grandes, Argentina  
INYOITE - West Wall, Boron Mine, Boron, Kern County, California  
IODARGYRITE – Kintore Open Cut, Broken Hill, New South Wales, Australia  
IODARGYRITE - Proprietary Mine, Broken Hill, New South Wales, Australia  
IODARGYRITE - Tin Stope, Majuba Hill, Pershing County, Nevada  
IODEMBOLITE - Proprietary Mine, Broken Hill, N.S.W., Australia – See CHLORARGYRITE (Bromian)  
IOWAITE - Palabora Open Pit, Phalaborwa, Transvaal, Republic of South Africa  
IRANITE – Chah-Khuni Mine, near Anarak, Iran  
IRANITE - Seh-Changi Mine, Khorasan Province, Eastern Iran  
IRIDIUM in Pt - Fox Gulch, Upper Platinum Creek, Goodnews Bay, Alaska  
IRIGINITE - Hervey's Range Deposit, 55 Km W. of Townsville, Queensland, Australia  
IRON (native) - Khungtukun Massif, Taymyr Peninsula, E. Siberia, Russia  
IRON (native) - Ozernaya Mount, Dzheltul'skii Massif, Taymyrskiy Autonomous Okrug, Eastern-Siberian Region, Russia  
IRON (native) – Southeastern Region of Putorano Plato, Russia  
ISHIKAWAITE – Ishikawa-Machi, Ishikawa-Gun, Fukushima Prefecture, Japan T  
ISOMERTIEITE – Itabira, State of Minas Gerais, Brazil  
IVIGTITE - Ivigtut, Arsuk Fjord, Southwest Greenland T  
IXIOLITE (Ashanite) – Old Allen Mica Mine, Alstead, Cheshire County, New Hampshire

**JACOBSITE - Langban, Varmland, Sweden**  
**JADEITE xx - 4.5 Mi. N. of Cloverdale, Mendocino County, California**  
**JAGOWERITE - 16 Miles N. of Hess River, Yukon Territory, Canada T**  
**JAHSITE - Tip Top Mine, Custer County, South Dakota**  
**JAHSITE-(CaMnMg) – Tip Top Mine, Custer County, South Dakota**  
**JAHSITE-(CaMnMg) – White Elephant Mine, near Pringle, Custer County, South Dakota**  
**JAHSITE-(MnMnMn) – Stewart Mine, near Pala, San Diego County, California**  
**JAIPURITE – Khetri Mine, Jhunjhunu District, Jaipur Division, Rajasthan, India T**  
**JALPAITE - La Mesa, Chihuahua, Mexico**  
**JAMESITE - Tsumeb, Namibia**  
**JAMESONITE – Concepcion del Oro Mine, Zacatecas, Mexico**  
**JAMESONITE – Mina Noche Buena, Sombrerete, Zacatecas, Mexico**  
**JOANGODOYITE - Santa Rosa Mine, Alto Hospicio, Taparaca Region, Chile T**  
**JOAQUINITE-(Ce) - Gem Mine (Dallas Gem Mine), Southern San Benito Co., California T**  
**JOHANNITE – Happy Jack Mine, White Canyon District, San Juan County, Utah**  
**JOHANNSENITE – Aguascaliente Creek, Tretto di Schio, Vicenza Province, Vento, Italy**  
**JOHANNSENITE – Franklin, Sussex County, New Jersey**  
**JOHANNSENITE - Min. Temperino, Campiglia, Toscana, Italy – See HEDENBERGITE**  
**JOHANNSENITE – Onagusa Mine, Katsuyam-cho Township, Okayama-ken Pref., Honshu, Japan**  
**JOHANNSENITE – Onagusa Mine, Okayama-ken Prefecture, Honshu, Japan**  
**JOHANNSENITE / HEDENBERGITE - Temperino Mine, Temperino, Campiglia Marittima, Livorno Province, Tuscany, Italy**  
**JONESITE - Gem Mine, Southern San Benito County, California T**  
**JORDANITE - Lengensch Quarry, Binntal, Valais, Switzerland T**  
**JOSEPHINITE– Josephine Creek, Josephine County, Oregon – See Awaruite**  
**JUANGODOYITE – Sierra Gorda, Atacama Province, Chile T**  
**JUNTOITE - Christmas Mine, near Hayden, Gila County, Arizona T**

**KAATIALAITE – Jachymov, Northwest Bohemia, Czech. Republic**  
**KAERSUTITE - 8.2 Mi. E. of Hoover Dam, Rt. 93 Road Cut, Mohave County, Arizona**  
**KAERSUTITE – Linosa, Pelagic Islands, Agrigento Province, Sicily, Italy**  
**KAERSUTITE – Lugar Sill, Strathclyde (Ayrshire), Scotland**  
**KAINOSITE-(Y) - Liberty Bell Mountain, Washington Pass, Okanogan County, Washington**  
**KALBORSITE – Apatitovyi Tsirk Quarry, Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia**  
**KALIBORITE (PATERNOITE) - Lake Inder, Kazakhstan**  
**KALIPYROCHLORE - Lueshe Carbonatite Deposit, Kivu, Zaire**  
**KALSILITE – Mt. Poachvumcorr, Khibiny Massif, Kola Peninsula, Murmansk Oblast, Russia**  
**KAMMERERITE – Kop Krom Mine, Kop Daglari, Erzurum, Turkey – See CLINOCHLORE**  
**KAMMERERITE – Red Ledge Mine, Nevada Co., California – See CLINOCHLORE**  
**KAMMERERITE – Various localities – see CLINOCHLORE Var. Kammererite**  
**KAMPFITE – Esquire #1 Claim, Rush Creek, Fresno County, California T**  
**KANKITE - Kank, Kutna Hora, Czechoslovakia T**  
**KARIBIBITE - Corrego do Urucum, Galileia, Minas Gerais, Brazil**  
**KARPATITE - 4th of July Mine, Southern San Benito County, California**  
**KASOLITE - Musonoi Mine, Kolwezi, Shaba Province, Zaire**  
**KASOLITE - near Globe, Gila County, Arizona**  
**KASOLITE - Shinkolobwe Mine, Shaba Province, Zaire**  
**KASOLITE – Swambo, Shaba Province, Zaire**  
**KASOLITE – War Eagle Mine, near Tecopa, Inyo County, California**  
**KASSITE - Diamond Jo Quarry, Magnet Cove, Hot Spring County, Arkansas**  
**KATAYAMALITE - Iwagi District, Ehime Prefecture, Southwest Japan T**  
**KAZAKOVITE – Mt. Karnasurt, Khibiny Massif, Kola Peninsula, Russia**  
**KECKITE - Hagendorf Sud, Hessen, Bavaria, Germany**  
**KEIVYITE-(Y) – Mt. Ploskaja, West Keivy, Kola Peninsula, Russia T**  
**KENTROLITE - Langban, Varmland, Sweden**  
**KERMESITE – Braunsdorf, near Freiberg, Saxony, Germany**  
**KERMESITE – Kalkar Quarry (Pacific Limestone Products Quarry), Santa Cruz County, California**  
**KERMESITE - Pezinok, Czechoslovakia**  
**KERMESITE – Poopo, Bolivia**  
**KERMESITE – Tom Moore Mine, Erskine Creek Mining District, Kern County, California**  
**KERNITE - B-Level, Mudd Mine, Boron, Kern County, California T**  
**KERNITE - Boron Mine, Boron, Kern County, California T**  
**KERNITE - Western Mine, Boron, Kern County, California**  
**KERNITE – Western Mine, Boron, Kern County, California**  
**KERSTENITE - El Dragon Mine, Potosi, Bolivia**  
**KESTERITE - Cligga Mine, Perranzabuloe, Cornwall, England**  
**KETTNERITE - Blue Bell Mine, San Bernardino County, California**

**KETTNERITE** - Krupka, near Teplica, N.W. Bohemia, Czechoslovakia  
**KHAIDARKANITE** – Khaidarkan Sb-Hg Deposit, Fergana Valley, Osh Oblast, Kyrgyzstan T  
**KIDWELLITE** - Mina Arkansas, Polk County, Arkansas  
**KIDWELLITE** – Wheal Phoenix, Linkinhorne, Cornwall, England  
**KIDWELLITE** - York Mine, Polk County, Arkansas  
**KIESERITE** - Strassfurt, Prussia, Germany T  
**KIMZEYITE** – Perovskite Hill, Magnet Cove, Hot Spring County, Arkansas  
**KINGITE** - Tom's Phosphate Quarry, near Kapunda, S.A., Australia  
**KINGITE** - Union Carbide Vanadium Mine, Wilson Springs, Garland County, Arkansas  
**KINOITE** - Christmas Mine, near Hayden, Gila County, Arizona T  
**KLADNOITE** – Kladno, near Prague (Praha), Czech. Republic  
**KLEBELSBERGITE** – Baia Sprie (Felsobanya), Maramures, Romania T  
**KLEBELSBERGITE** - Pereta Mine, near Grosseto, Tuscany, Italy  
**KLEINITE** - McDermitt Mine (Cordero Mercury Deposit), Humboldt County, Nevada  
**KNEBELITE** - Dannemora, Uppland, Sweden - See **FAYALITE** Var. Manganfayalite  
**KNORRINGITE** – Red Ledge Mine, Washington District, Nevada County, California  
**KOBELLITE** - Nello Teer Crabtree Creek Quarry, NW of Raleigh, Wake County, North Carolina  
**KOBELLITE** - Superior Stone Quarry, NW of Raleigh, Wake County, North Carolina  
**KOCHUBEITE** - near Altaville, Calaveras County, California - See **CLINOCHLORE** Var. Kochubeite  
**KOECHLINITE** – Vergenoeg Mine, Rust de Winter, South Africa  
**KOLBECKITE** – Klausen Quarry, Gleichenberg, Styria, Austria  
**KOLBECKITE** - Magnet Cove, Hot Spring County, Arkansas  
**KOLWEZITE** – Mupine, Shaba Province, Zaire  
**KOMAROVITE** - Mt. Flora, Lovozero Massif, Kola Peninsula, Russia  
**KORITNIGITE** - Jachymov, Northwest Bohemia, Czech. Republic  
**KORNERUPINE** – Stakholmen, Halsingland, Sweden  
**KORNERUPINE** - Waldheim, Granulitgebirge, Saxony, D.D.R., Germany  
**KORNERUPINE** (chromian) – Magda, Kenya  
**KOTOITE** – Brosso Mine, Ivrea, Torino, Piemonte Region, Italy  
**KOTTIGITE** - Mina Ojuela, Mapimi, Durango, Mexico  
**KOTTIGITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**KOVDORSKITE** - Kovdor Massif, Kola Peninsula, Russia T  
**KOZULITE** - Tanohata Mine, Iwate Prefecture, Japan  
**KRAISSLITE** - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey T  
**KRATOCHVILITE** - Kladno, Bohemia, Czechoslovakia  
**KRAUSKOPFITE** - Esquire No. 1 Mine, Rush Creek, Fresno County, California T  
**KRENNERITE** – Mayflower Mine, Madison County, Montana  
**KROHNKITE** – Chuquicamata, Antofagasta Province, Chile  
**KRUPKAITE** - Krupka, near Teplica, Krune Hory Mts., N.W. Bohemia, Czechoslovakia T  
**KRUTAITE** – El Dragon Mine, Potosi, Bolivia  
**KTENASITE** - 79 Mine, near Hayden, Gila County, Arizona  
**KTENASITE** - OH Mine, Gila County, Arizona  
**KULANITE** - Cross-Cut Creek, Big Fish River-Rapid Creek Area, Yukon Territory, Canada T  
**KULIOKITE**-(Y) – Mt. Ploskaja, West Keivy, Kola Peninsula, Russia T  
**KUPLETSKITE** - 3 M Quarry, Little Rock, Pulaski County, Arkansas  
**KUPLETSKITE** - Mt. Lepche-Nelm, Lovozero Massif, Kola Peninsula, Russia  
**KURNAKOVITE** – Boron Mine, Kern County, California  
**KUTNOHORITE** – Franklin, Sussex County, New Jersey  
**KUTNOHORITE** – N'Chwaning II Mine, No. Cape Province, Rep. of South Africa  
**KUTNOHORITE** - near Levane, Arezzo, Tuscany, Italy  
**KUTNOHORITE** - Ore Dumps near the Holy Trinity Church, Kutna Hora, Bohemia, Czech. T  
**KUTNOHORITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**KUZELITE** - Laacher See Region, Ettringen, Bellerberg, Eifel District, Rheinland-Pfalz, Germany

**LABUNTSOVITE** - Khibiny Massif, Kola Peninsula, Russia T  
**LABUNTSOVITE** - Mont St. Hilaire, Rouville County, Quebec, Canada  
**LAFFITTITE** - Getchell Mine, Humboldt County, Nevada  
**LAMMERITE** – El Guanaco Mine, 70 Km. E. of Taltal, Antofagasta Region, Chile  
**LAMPROPHYLLITE** – Mt. Pankaruaive, Lovozero Massif, Kola Peninsula, Russia  
**LANDESITE** – Cigana Mine, Galileia, Minas Gerais, Brazil  
**LANGBANITE** - Langban, Varmland, Sweden T  
**LANGITE** - Bedford United Mine, near Tavistock, Devon, England  
**LANGITE** - Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
**LANGITE** - Copper Stope, Majuba Hill, Pershing County, Nevada  
**LANGITE** - Libethen (Lubietova) (Libethbanya), near Neusohl, Slovensko, Czechoslovakia  
**LANGITE** - Mackinaw Mine, Monte Cristo, Snohomish County, Washington

**LANGITE** – Piazza Mine, Deiva, La Spezia Province, Liguria, Italy  
**LANGITE** – Spania Dolina (Herrengrund), Banska Bystrica Region, Slovak Republic  
**LANGITE** – Tankardstown Mine, Bonmahon, Waterford, Ireland  
**LANNONITE** - Lone Pine Mine, Catron County, New Mexico T  
**LANTHANITE-(Nd-La)** - Curitiba, Parana, Brazil  
**LANTHANITE-(Nd-La)** - Santa Isabel, Sao Paulo State, Brazil  
**LASALITE** - Firefly-Pigmy Mine, La Sal Quadrangle, San Juan County, Utah  
**LATRAPPITE** - LaTrappe, Oka District, Quebec, Canada T  
**LAUBMANNITE** - York Mine, Polk County, Arkansas  
**LAUEITE** - Fletcher Mine, North Groton, Grafton County, New Hampshire, Collected by J. Parnau 1974  
**LAUEITE** - Hagedorf Sud, Hessen, Bavaria, Germany  
**LAUEITE** - Palermo Mine, North Groton, New Hampshire  
**LAURIONITE** - Laurium, Attica, Greece T  
**LAURITE** - Verkhneivinsk, Ural Mountains, Russia  
**LAVENDULAN** – Hilarion Mine, Laurium, Attica, Greece  
**LAVENDULAN** - Preamimma Mine, near Callington, Mt. Lofty Ranges, S.A., Australia  
**LAVENDULAN** – South Dump, Gold Hill Mine, Tooele County, Utah  
**LAWSONITE** - 1/2 Mile East of Reed Station, Tiburon Peninsula, Marin County, California T  
**LAZULITE** – Halsjoberget, Sweden  
**LAZULITE** – Pamir Mountains, Tadjikistan  
**LAZULITE** – Ranomainty, Betafo Dept., Betafo-Antsirabe Region, Antananarivo Province, Madagascar  
**LAZULITE** – Starucha, Ural Mountains, Russia  
**LAZURITE** – Malobystrinskoje, Lake Baikal Region, Russia  
**LEAD (native)** – Garpenberg North Mine, So. of Falun, Sweden  
**LEAD (native)** - Langban Mines, Langban, Varmland, Sweden  
**LEAD (native)** – Pajsbeg, Varmland (Wermland), Sweden  
**LEADHILLITE** - Hard Luck Claim, near Baker, San Bernardino Co., California  
**LEGRANDITE** – Mina Ojuela, Mapimi, Durango, Mexico  
**LEGRANDITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**LEIFITE** – DeMix Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada  
**LEIFITE** - Poudrette Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada  
**LEITEITE** - Tsumeb, Namibia T  
**LEMANSKIITE** – El Guanaco Gold Mine, 93 Km E. of Taltal, Antofagasta Province, Chile T  
**LEPIDOCROCITE** – Perran Mine, near Perranporth, Cornwall, England  
**LEUCOCHALCITE** - Copper Stope, Majuba Hill Mine, Pershing County, Nevada – See OLIVENITE Var. Leucochalcite  
**LEUCOPHANITE** - Saga I Quarry, Morje, Porsgrunn, Telemark, Norway  
**LEUCOPHOENICITE** - Parker Shaft, Franklin, Sussex County, New Jersey  
**LEUCOPHOSPHITE** – Gunheath Pit, St. Austell, Cornwall, England  
**LEUCOPHOSPHITE** – Kintore Opencut, Broken Hill, New South Wales, Australia  
**LEUCOSPHEENITE** - Jubilee Pegmatite, Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**LEVYNE-(Ca)** – Beech Creek, Grant County, Oregon  
**LIBETHENITE** – Empire-Nevada Mine, near Yerington, Lyon County, Nevada  
**LIBETHENITE** – Lake Boga Granite Quarry, Northwest Victoria, Australia  
**LIBETHENITE** - Libethen (Lubietova), near Neusohl, Slovensko, Czechoslovakia T  
**LIBETHENITE** – Panoche Valley, San Benito County, California  
**LIBETHENITE** – Panoche Valley, Southern San Benito County, California  
**LIBETHENITE** – Prince Leopold Mine, (Kipushi Mine), Lubumbashi (Elizabethville), Shaba Province, Zaire  
**LIEBIGITE** – Pitch Mine, Marshall Pass District, Saguache County, Colorado  
**LIEBIGITE** - Pumpkin Buttes Area, Wyoming  
**LIEBIGITE** - Rifle Mine, Garfield County, Colorado  
**LIEBIGITE** - Schwartzwalder Mine, near Golden, Jefferson Co., Colorado  
**LIKASITE** – Dzhezkazgan, Kazakhstan  
**LINARITE** – Grand Reef Mine, Santa Teresa Mountains, Graham County, Arizona  
**LINARITE** – Hard Luck Mine, San Bernardino County, California  
**LINARITE** - King Arthur Mine, Kirki, Xanthi Prefecture, Thraki Department, Greece  
**LINARITE** – Kintore Opencut, Broken Hill, New South Wales, Australia  
**LINARITE** – Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona  
**LINARITE** - Red Gill, Caldbeck Fells, Cumbria, England  
**LINARITE** - Tsumeb, Namibia  
**LINDGRENITE** - Chuquicamata, Antofagasta Province, Chile T  
**LINDGRENITE** – Inspiration Mine, Globe-Miami District, Gila County, Arizona  
**LINDGRENITE** - Superior Mine, Globe-Miami District, Gila County, Arizona  
**LINNAEITE** - Eugenia Mine, Bellmont del Priortat, Catalonia, Spain  
**LINNAEITE** – Musen, Siegerland, Nordrhein-Westfalen, Germany  
**LIOTTITE** - Pitigliano Quarry, Latera Caldera, Tuscany, Italy T  
**LIPSCOMBITE** – Silver Coin Mine, Humboldt County, Nevada

**LITHARGE** - Langban Mines, Langban, Varmland, Sweden  
**LITHIOPHILITE** – Stewart Mine, Pala District, San Diego County, California  
**LITHIOPHORITE** – 1/2 Mi. So. of Sausalito, Marin County, California  
**LITHIOPHORITE** – 1/2 Mile So. of Sausalito, Marin County, California  
**LITHIOPHORITE** – Capoeira Mine, near Parelhas, Rio Grande do Norte, Brazil  
**LIVINGSTONITE** - Khaidarkan (Hajdarkan), Kirgizstan (Kirgizia), Uzbekistan  
**LIVINGSTONITE** – La Cruz Mine, Huitzuco de la Figueroa, State of Guerrero, Mexico  
**LIZARDITE** – Øvre Dypingdal Mine, Dypingdal Serpentine-Magnesite Deposit, Snarum, Modum, Buskerud, Norway  
**LIZARDITE** – Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey  
**LOKKAITE-(Y)** – Evans-Lou Mine, Poltimore, 22 Miles No. of Ottawa, Quebec, Canada  
**LOLLINGITE** – Bob Ingersoll Mine, Custer County, South Dakota  
**LOLLINGITE** - Cruvino Mine, Brozolo, Susa Valley, Piedmont, Italy  
**LOLLINGITE** – Drum Valley, Tulare County, California  
**LOLLINGITE** – Franklin, Sussex County, New Jersey  
**LOLLINGITE** – Huanggang Fe-Sn Deposit, Chifeng Prefecture, Inner Mongolia Autonomous Region, China  
**LOLLINGITE** – Meadow Lake, Nevada County, California  
**LOLLINGITE** – Megilligar Rocks, near Porthleven, Cornwall, England  
**LOLLINGITE** - Mont St. Hilaire, Rouville County, Quebec, Canada  
**LOLLINGITE** – South Mine, Broken Hill, New South Wales, Australia  
**LOLLINGITE** – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
**LOMONOSOVITE** - Lovozero Massif, Kola Peninsula, Russia T  
**LOPARITE-(Ce)** - Bratthagen, Lagendalen, near Larvik, Norway  
**LOPARITE-(Ce)** - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**LORENZENITE** – Mont St. Hilaire, Rouville County, Quebec, Canada  
**LORENZENITE** - Mt. Flora, Lovozero Massif, Kola Peninsula, Russia  
**LOTHARMEYERITE** - 6th Level, San Judas Dept., Mina Ojuela, Mapimi, Durango, Mexico T  
**LOURENSWALSITE** - Diamond Jo Quarry, Magnet Cove, Hot Spring County, Arkansas T  
**LOVOZERITE** - Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia  
**LOVOZERITE** - Mt. Yukspor, Khibina Massif, Kola Peninsula, Russia  
**LUDLOCKITE** - Tsumeb, Namibia T  
**LUDWIGITE** - Brosso Mine, Ivrea, Torino, Piemonte Region, Italy  
**LUDWIGITE** – Crestmore Quarry, near Riverside, Riverside County, California  
**LUDWIGITE** Var. Magnesioludwigite - Mountain Lake Mine, Big Cottonwood Canyon, Utah  
**LUESHITE** – Lueshe Carbonatite Deposit, Kivu, Zaire T  
**LUINAITE** – Mt. Cleveland Tin Mine, Heazlewood, Tasmania, Australia  
**LUINAITE-(OH)** – Mount Cleveland Tin Mine, Luina, Tasmania, Australia  
**LULZACITE** – Saint-Aubin-Des-Chateaux, Loire-Atlantique, France T  
**LUZONITE** – Lepanto Mine, Mancayan, Benguet Province, Luzon Island, Philippines T

**MACFALLITE** - near Manganese Lake, Copper Harbor, Keweenaw County, Michigan T  
**MACKAYITE** - McGinnity Shaft, Goldfield, Esmeralda County, Nevada T  
**MACKAYITE** - San Miguel Mine, Moctezuma, Sonora, Mexico  
**MACKINAWITE** - Hitura, Finland  
**MACQUARTITE** – Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona  
**MAGNESIO-ARFVEDSONITE** - Norra Karr Complex, near Granna, Ostergotsland, Sweden  
**MAGNESIOAUBERTITE** - Grotta de Faraglione, Vulcano, Italy T  
**MAGNESIOCHROMITE** – Black Lake, Quebec, Canada  
**MAGNESIOCHROMITE** – Clear Creek Claim, Southern San Benito County, California  
**MAGNESIOCHROMITE** – Marsh Flat, near Jacksonville, Tuolumne County, California  
**MAGNESIOCHROMITE** – Mistake Mine (Butler Estate Mine), Fresno County, California  
**MAGNESIOCHROMITE** – Red Ledge Mine, Washington District, Nevada County, California  
**MAGNESIOFERRITE** - Crestmore Quarry, near Riverside, Riverside County, California  
**MAGNESIOFERRITE** - Kaiserstuhl, Black Forest, Baden, Germany  
**MAGNESIOFERRITE** - Langban, Varmland, Sweden  
**MAGNESIOHASTINGSITE** – Sterling Hill Mine, Ogdensburg, Sussex Co., New Jersey  
**MAGNESIO-HORNBLLENDE** – Kragero, Telemark, Norway  
**MAGNESIO-KATOPHORITE** - Kipawa Complex, Villedieu Township, Quebec, Canada  
**MAGNESIO-RIEBECKITE** - Filadelfia Mine, Alto Chapare District, Chapare Province, Cochabamba Department, Bolivia  
**MAGNESITE** Var. Breunnerite - Moi Rana, Altermark, Nordland, Norway  
**MAGNESIUM ASTROPHYLLITE** - Mt. Yukspor, Khibiny Massif, Kola Peninsula, Russia T  
**MAGNETITE** Var. Nickellean Magnetite - Bon Accord, Barberton Mountain Land, Rep. So. Africa  
**MAGNETOPLUMBITE** – Bolivia Stope, Langban, Varmland, Sweden  
**MAGNIOTRIPLITE** – Kara-Su, Kirgizstan  
**MAGNOPHORITE** (titanian potassian RICHTERITE) - Walgidee Hills Intrusion, W.A., Australia  
**MAHLMOODITE** - Union Carbide Vanadium Mine, Wilson Springs, Garland County, Arkansas T  
**MAKATITE** - Aris Mine, approx. 20 miles So. of Windhoek, Namibia

MALACHITE (Zincian) - Cole Shaft, Bisbee, Cochise County, Arizona  
MALAYAITE - Red-A-Venn Mine, Meldon, Dartmoor, Devon, England  
MANASSEITE - Jacupiranga Pegmatite, Sao Paulo State, Brazil - See QUINTINITE-2H  
MANASSEITE - Kovdor Massif, Kola Peninsula, Russia  
MANGANAXINITE - Parker Shaft, Franklin, Sussex County, New Jersey – See AXINITE-(Mn)  
MANGANBABINGTONITE - Iron Cap Mine, Aravaipa District, Graham County, Arizona T  
MANGANDIASPORE - near Postmasburg, Griqualand-West, South Africa – See DIASPORE  
MANGAN-FLUORAPATITE - Strickland Quarry, Portland, Connecticut - See FLUORAPATITE  
MANGAN-NEPTUNITE - Poudrette Quarry, Mont St. Hilaire, Rouville Co., Quebec, Canada  
MANGANOGRUNERITE – Brunsjogruvan, near Grythyttan, Orebro, Sweden  
MANGANOGRUNERITE (DANNEMORITE) - Brunsjogruvan (Brunsjö Mine), near Grythyttan, Orebro, Sweden  
MANGANOTANTALITE – Alto de Furnas Mine, Equador Rio Grande do Norte, Brazil  
MANGANOTANTALITE – Alto Ligonha Pegmatite Field, Mozambique  
MANGANVESUVIANITE – N’Chwaning II Mine, Kalahari Mn Field, No. Cape Province, South Africa T  
MANJIROITE - N’Chwaning II Mine, Kalahari Mn Field, No. Cape Province, South Africa  
MANJIROITE - Prompter Mine, near Tombstone, Cochise County, Arizona  
MARECOTTITE – Bukov Mine, Vysocina Region, Moravia, Czech Republic  
MARGARITASITE - Margaritas Open Pit, Sierra Pena Blanca, Chihuahua, Mexico T  
MARGAROSANITE - Franklin, Sussex County, New Jersey  
MARGAROSANITE - Jakobsberg Mine, South of Nordmark, Varmland, Sweden  
MARIALITE – Dhading, Dhading District, Bagmati Zone, Nepal  
MARIALITE – Singatse Range, near Yerington, Lyon County, Nevada  
MARICOPAITE – Moon Anchor Mine, Maricopa County, Arizona T  
MARICOPAITE – Moon Anchor Mine, Maricopa County, Arizona T  
MAROKITE - No. 2 Vein, Tachgagalt, Ouarzazate, Morocco T  
MARSHITE - Junction Mine, Broken Hill, New South Wales, Australia  
MARSHITE – Proprietary Mine, Broken Hill, New South Wales, Australia  
MARSTURITE - Molinello Mine, Van Graveglia, Liguria, Italy  
MARTHOZITE – Musonoi Mine, near Kolwezi, Shaba Province, Zaire (Congo)  
MARTYITE – Blue Cap Mine, Lyon Creek Canyon, San Juan County, Utah T  
MASSICOT - Arenas, Sardinia, Italy  
MASUYITE – Shinkolobwe Mine, Shaba Province, Zaire  
MATULAITE - Bachman Iron Mine, Hellertown, Pennsylvania T  
MAUCHERITE - Mansfeld, Thuringen, Germany  
MAWBYITE – Kintore Opencut, Broken Hill, NSW, Australia  
MCGOVERNITE - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey T  
MCGUINNESSITE - Red Mountain, Mendocino County, California T  
MCGUINNESSITE - Rockville Crushed Stone Corp. Quarry, 6.4 Km. W. of Rockville, Maryland  
MCKINSTRYITE - near Mogollon, Catron County, New Mexico  
MCKINSTRYITE - Vrancice, near Pribram, Bohemia, Czechoslovakia  
MEIONITE – Dading, Nepal  
MELANOCERITE-(Ce) - Cardiff Mine, Wilberforce, Ontario, Canada  
MELANOPHLOGITE – Agoura Hill, Los Angeles County, California  
MELANOPHLOGITE - Mt. Hamilton, Santa Clara County, California  
MELANOTEKITE - Langban Mine, Langban, Varmland, Sweden  
MELANOVANADITE – Polar Mesa, Grand County, Utah  
MELANOVANADITE - Wilson Mesa District, Grand County, Utah  
MELILITE – Crestmore Quarry, near Riverside, Riverside County, California  
MELIPHANITE - Aroy, Langesundsfjord, Norway  
MELONITE – Kambalda, W.A., Australia  
MENDIPITE - Higher Pitts, Merehead Quarry, Mendip Hills, Somerset, England T  
MENDOZAVILITE - Rustler Mine, Tooele County, Utah  
MENEGHINITE - Kalkar Quarry (Pacific Limestone Products Quarry), Santa Cruz County, California  
MERCURY (native) - Almaden, Ciudad Real, Spain  
MERCURY (native) - Clear Creek Claim, San Benito County, California  
MERCURY (native) - Emerald Lake District, Redwood City, San Mateo County, California  
MERCURY (native) – Mariposa Mine, Terlingua Mining District, Brewster County, Texas  
MERCURY (native) - Socrates Mine, Sonoma County, California  
MERLINOITE - Cupaello Quarry, near Rieti, Latium, Italy T  
MERWINITE – Crestmore Quarry, near Riverside, Riverside County, California  
MESSELITE - Messel, near Darmstadt, Hesse, Germany T  
META-AUTUNITE – Allen Mica Mine, Alstead, Cheshire County, New Hampshire  
META-AUTUNITE – Rock Landing Quarry, Haddam Neck, Middlesex County, Connecticut  
META-AUTUNITE – State Forest #1, East Hampton, Middlesex County, Connecticut  
METACINNABAR – Clear Creek Claim, Southern San Benito County, California  
METACINNABAR - Mt. Diablo Mine, Contra Costa County, California



**METACINNABAR** – New Idria Mine, Southern San Benito County, California  
**METACINNABAR** – Socrates Mine, Sonoma County, California  
**METAKIRCHHEIMERITE** – Schmiedestollen, Wittichen, Black Forest, Baden, Germany  
**METASIDERONATRITE** – Namib Lead Mine (Deblin Mine), Spitzkopje Area, Karibib Dist., Erongo Region, Namibia  
**METASTIBNITE** – Antimony King Mine, Churchill County, Nevada  
**METASTIBNITE** – Pereta Mine, near Grosseto, Tuscany, Italy  
**METASTIBNITE** - Steamboat Springs, near Reno, Washoe County, Nevada T  
**METASTRENGITE** - Stewart Mine, Pala, San Diego Co., California - See PHOSPHOSIDERITE  
**METASWITZERITE** - Foote Mineral Company Mine, Kings Mountain, Cleveland County, North Carolina  
**METATORBERNITE** – 3 Mi. So. of Crown King, Bradshaw Mountains, Yavapai County, Arizona  
**METATORBERNITE** – 7 Mile Canyon, near Moab, Grand County, Utah  
**METATORBERNITE** – Apex Mine, Lander County, Nevada  
**METATORBERNITE** – Aubrey Ladwig Lease, Golden Gate Canyon, Jefferson Co., Colorado  
**METATORBERNITE** – Aubrey Ladwig Lease, Golden Gate Canyon, Jefferson Co., Colorado  
**METATORBERNITE** – Husband #2 Quarry, Glastonbury, Hartford County, Connecticut  
**METATORBERNITE** - Les Montmins Mine (Ste Barbe Vein), Échassières, Ébreuil, Allier, Auvergne, France  
**METATORBERNITE** - Majuba Fault Zone, Lower Adit, Majuba Hill, Pershing County, Nevada  
**METATORBERNITE** – Majuba Fault Zone, Lower Adit, Majuba Hill, Pershing County, Nevada  
**METATORBERNITE** – Musonoi Mine, near Kolwezi, Shaba Province, Zaire  
**METATORBERNITE** – Shinkolobwe Mine, Katanga Copper Zone, Shaba Province, Zaire  
**METATORBERNITE** - Margabal, Entraygue, Aveyron, France  
**METATYUYAMUNITE** - Happy Jack Mine (Blue Dike Mine), White Canyon, White Canyon District, San Juan Co., Utah  
**METATYUYAMUNITE** – Joe Dandy Mine, Paradox Valley, Montrose County, Colorado T  
**METATYUYAMUNITE** - Mashamba West Mine, Shaba Province, Zaire  
**METATYUYAMUNITE** – Monument #2 Mine, Monument Valley, Apache County, Arizona  
**METATYUYAMUNITE** - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**METAVARISCITE** – Utahlite Hill, Lucin, Box Elder County, Utah T  
**METAVAXUITE** - Siglo XX Mine, Llallagua, Potosi Dept., Bolivia T  
**METAVOLTINE** - Chuquicamata, Antofagasta Province, Chile  
**METAZEUNERITE** – "A" Group, Inter-River/Green River Area, Emery County, Utah  
**METAZEUNERITE** - Copper Mountain Mine, So. of St. George, Washington Co., Utah  
**METAZEUNERITE** - Copper Stope, Majuba Hill, Pershing County, Nevada  
**METAZEUNERITE** – Gold Hill Mine, Tooele County, Utah  
**METAZEUNERITE** – Lookout No. 22 Claim, Marshall Pass District, Saguache County, Colorado  
**METEORITES** - many types and localities available -- ask for separate listing.  
**MEURIGITE** – Teskov, Czech. Republic  
**MEYERHOFFERITE** – 20 Mule Team Canyon, Death Valley N.M., Inyo County, California  
**MEYERHOFFERITE** – Boron Mine, Kern County, California  
**MEYERHOFFERITE** – Monte Blanco Mine, Death Valley National Monument, Inyo Co., California T  
**MIARGYRITE** – Kelly Mine, Randsburg, Rand District, Kern County, California  
**MICROLITE** – Amelia Court House, Amelia County, Virginia  
**MIERSITE** – Proprietary Mine, Broken Hill, New South Wales, Australia  
**MILARITE** – La Valenciana Mine, Guanajuato, Mexico  
**MILARITE** – Rossing Mine, near Arandis, Namibia  
**MILLERITE** – 3900 Level, Strathcona Mine, Levack, Levack Township, Ontario, Canada  
**MILLERITE** – Eugenia Mine, Bellmunt de Priortat, Catalonia, Spain  
**MILLERITE** – Kladno, near Prague (Praha), Czech. Republic  
**MILLERITE** - McCreedy West Mine, Levack, Ontario, Canada  
**MILLERITE** – Perseverance Mine, 37 Km. N.E. of Agnew, W.A., Australia  
**MILLISITE** - Little Green Monster Mine, near Fairfield, Utah County, Utah  
**MIMETITE** – Hat Yai District, Songkhla Province, Thailand  
**MINIUM** – 79 Mine, Gila County, Arizona  
**MINIUM** - Central Mine, Broken Hill, New South Wales, Australia  
**MINIUM** – Felix Fluorite Mine, near Azusa, Los Angeles County, California  
**MINIUM** – Tsumeb, Namibia  
**MINYULITE** - Ross Hannibal Mine, Lawrence County, South Dakota  
**MISERITE** - Kipawa Complex, Villedieu Township, Quebec, Canada  
**MISERITE** - Wilson Springs, Garland County, Arkansas  
**MISERITE** -Hodzha-Ochkan Massif, Tien-Shan Mountains, Tajikistan  
**MITRIDATITE** - Palermo #1 Mine, North Groton, Grafton County, New Hampshire  
**MIXITE** - Boss Tweed Mine, Tintic District, Juab County, Utah  
**MIXITE** - Central Pit, Gold Hill Mine, Gold Hill, Tooele County, Utah  
**MIXITE** - Mammoth Mine, Tintic District, Juab County, Utah  
**MIXITE** - Tin Stope, Majuba Hill, Pershing County, Nevada  
**MOHAWKITE** – Mohawk Mine, Houghton County, Michigan – See DOMEYKITE Var. Mohawkite  
**MOLYBDENITE-3R** - Desourdy Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada

**MONAZITE – Hinman Mine, Indian Hills, Jefferson County, Colorado**  
**MONAZITE - Madiamby Pegmatite, Anjozorobe District, Analamanga Region, Antananarivo Province, Madagascar**  
**MONAZITE-(Ce) – Allen Mica Mine, Alstead, Cheshire County, New Hampshire**  
**MONAZITE-(Ce) – Ambatoharanana Pegmatite, Betsiboka Region, Mahajanga Province, Madagascar**  
**MONAZITE-(Ce) – Ankazobe, Antanarivo Province, Central Madagascar**  
**MONAZITE-(Ce) – Bjertnes Pegmatite, Kroderen, Buskerud, Norway**  
**MONAZITE-(Ce) – Bob Cat Mine, Crestone, Saguache County, Colorado**  
**MONAZITE-(Ce) – Burroughs Mine, Clear Creek Pegmatite Province, County, Colorado**  
**MONAZITE-(Ce) – Eureka Farm 99, Usakos, Karibib District, Erongo Region, Namibia**  
**MONAZITE-(Ce) – Oberaar Hydroelectric Water Tunnel, Grimsel Pass, Switzerland**  
**MONAZITE-(Ce) – Yard Mine, Trout Creek Pass, Chaffee County, Colorado**  
**MONTEREGIANITE-(Y) - Poudrette Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada T**  
**MONTGOMERYITE - "Klemm's" Moculta Phosphate Quarry, near Angaston, S.A., Australia**  
**MONTGOMERYITE – Little Green Monster Mine, near Fairfield, Utah County, Utah**  
**MONTGOMERYITE - Tip Top Mine, Custer County, South Dakota**  
**MONTROSEITE – Bitter Creek Mine, Paradox Valley, Montrose County, Colorado T**  
**MONTROSEITE – Uranium Mine #21, Pribram-Haje, Central Bohemia, Czech Republic**  
**MONTROSEITE – Uranium Mine #21, Pribram-Haje, Central Bohemia, Czech Republic**  
**MONTROYDITE - Alpine Mine, New Idria Mining Dist., So. San Benito County, California**  
**MONTROYDITE - Cahill Mine, Humboldt County, Nevada**  
**MONTROYDITE - Clear Creek Claim, Southern San Benito County, California**  
**MONTROYDITE – Mariposa Mine, Terlingua Mining District, Brewster County, Texas T**  
**MONTROYDITE - Socrates Mine, Mayacamas District, Sonoma County, California**  
**MOOIHOEKITE - Oktyabrskiy Mine, Talnakh Ore Deposit, Noril'sk Region, W. Siberia, Russia**  
**MOOIHOEKITE - Stillwater Complex, Sweetwater County, Montana**  
**MOOREITE - North Ore Body, Sterling Hill Mine, Ogdensburg, Sussex Co., New Jersey T**  
**MORAESITE - Itinga, Minas Gerais, Brazil**  
**MORDENITE – Succor Creek, Malheur County, Oregon**  
**MORDENITE - Yanda, Kawazu, Shizuoka Prefecture, Chubu Region, Honshu Island, Japan**  
**MOSANDRITE (Rinkite) - Kipawa Complex, Villedieu Township, Quebec, Canada**  
**MOSESITE – Mariposa Mine, Terlingua District, Brewster County, Texas**  
**MOTTRAMITE - Crestmore Quarry, near Riverside, Riverside County, California**  
**MOUNTAINITE - Jubilee Pegmatite, Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia**  
**MUIRITE - Esquire No. 7 Mine, Big Creek/Rush Creek Sanbornite Deposit, Fresno County, California**  
**MULLITE - Loch Scridian, Island of Mull, Scotland T**  
**MURDOCHITE - 5th Level, Southwest Mine, Bisbee, Cochise County, Arizona**  
**MURDOCHITE – Blue Bell Mine, near Baker, San Bernardino County, California**  
**MURDOCHITE - Mex-Tex Mine, near Bingham, Socorro County, New Mexico**  
**MURMANITE - Mt. Punkuruain, Lovozero Massif, Kola Peninsula, Russia**  
**MUSCOVITE Var. Alurgite – Hamarandita, State of Minas Gerais, Brazil**  
**MUSCOVITE Var. Alurgite - Praborna Mine, St. Marcel, Aosta, Italy**

**NADORITE - Djebel Nador, Constantine, Algeria T**  
**NADORITE Var. Ochrolite - Langban, Varmland, Sweden**  
**NAGYAGITE – Sacaramb/Nagyag, Metaliferi Mountains, Romania T**  
**NAKAURIITE - Nakauri, Shinshiro, Aichi Prefecture, Japan T**  
**NAMIBITE – Mesopotamie 504, Khorixas, Copper Valley, Namibia**  
**NAMUWITE - Hilarion Mine, Laurium, Attica, Greece**  
**NANTOKITE – Mina La Farola, Copiapo District, Chile**  
**NARSARSUKITE – DeMix Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada**  
**NARSARSUKITE – Illutalik Island (Igdlutalik), Narsaq, Kujalleq, Greenland**  
**NARSARSUKITE – Kvanefjeld Mountain, Kuannersuit Plateau, Ilimaussaq, Narsaq, Kujalleq, Greenland**  
**NARSARSUKITE - Mt. Flora, Lovozero Massif, Kola Peninsula, Russia**  
**NASONITE – Crestmore Quarry, near Riverside, Riverside County, California**  
**NASONITE – Parker Shaft, Franklin, Sussex County, New Jersey**  
**NATISITE – Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia**  
**NATROCHALCITE - Chuquicamata Mine, Antofagasta Province, Chile**  
**NATROJAROSITE - 15 Km. N.W. of HS, Milgun Station, W.A., Australia**  
**NATROJAROSITE - Gilbert, 25 Mi. E. of Mina, Esmeralda County, Nevada**  
**NATROJAROSITE - Laurium, Attica, Greece**  
**NATROZIPPEITE – Widowmaker Mine, White Canyon District, San Juan County, Utah**  
**NAUJAKASITE – Tuperssuatsiat Bay, Ilimaussaq Alkaline Complex, Greenland**  
**NAUMANNITE - Knob Hill Mine, near Republic, Ferry County, Washington**  
**NAVAJOITE – Monument No. 2 Mine, Navajo Indian Reservation, Apache County, Arizona T**  
**Na-ZIPPEITE - Bukov Mine, Vysocina Region, Moravia, Czech Republic – See MARECOTTITE**  
**NEKOITE – Crestmore Quarry, near Riverside, Riverside County, California**

**NENADKEVICHITE** - DeMix Quarry, Mont St. Hilaire, Rouville Co., Quebec, Canada  
**NENADKEVICHITE** - Gjerdingen, Nordmark, Norway  
**NENADKEVICHITE** - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**NENADKEVICHITE** – Poudrette Quarry, Mont St. Hilaire, Quebec, Canada  
**NEOTOCITE** – Min. Gambatesa, Val Graveglia, Liguria, Italy  
**NEPHELINE** – Davis Hill, Hastings County, Ontario, Canada  
**NEPOUITE** - Bon Accord, Barberton Mountain Land, Republic of South Africa  
**NEPTUNITE** – Benitoite Gem Mine, Southern San Benito County, California  
**NEPTUNITE** – Dara-I-Pioz Massif, Altai Range, Southern Tien-Shan, Tadjikistan  
**NEPTUNITE** - Mina Numero Uno, Clear Creek Area, So. San Benito Co., California  
**NESQUEHONITE** - Restivalques, Massif Central, France  
**NEVADAITE** – Gold Quarry Mine, Carlin Trend, Eureka County, Nevada T  
**NEWBERYITE** – Skipton Caves, Ballarat, Victoria, Australia T  
**NEWBERYITE** – Skipton Caves, near Ballarat, Victoria, Australia T  
**NICKELINE** – Eisleben, Thuringia, Germany  
**NICKELINE** – Nipissing Mine, Cobalt, Ontario, Canada  
**NICKELINE (NICCOLITE)** – Eisleben, Thuringia, Germany  
**NICKENICHITE** – Nickenicher Sattel, Laacher See Region, Bellerberg, Eifel, Rheinland-Pfalz, Germany  
**NINGYOITE** - Ningyo-toge Mine, Tottori Prefecture, Chugoku Region, Honshu Island, Japan T  
**NIOCALITE** - Oka, near Montreal, Quebec, Canada  
**NISSONITE** - Panoche Valley, Southern San Benito County, California T  
**NOBLEITE** - 0.6 Miles N. of DeBely Mine, Furnace Creek District, Death Valley N.M., Inyo Co., California T  
**NOBLEITE** - Corkscrew Mine, Furnace Creek District, Death Valley N.M., Inyo County, California T  
**NONTRONITE** - Crestmore Quarry, near Riverside, Riverside County, California  
**NORBERGITE** – Franklin Limestone Quarry, Franklin, Sussex County, New Jersey  
**NORBERGITE** – Furnace Quarry, Franklin, Sussex County, New Jersey  
**NORBERGITE** – Rudeville Quarry, Rudeville, Sussex County, New Jersey  
**NORBERGITE** – Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey  
**NORDSTRANDITE** - Gunong Kabor, Bau, Sarawak, Malaysia T  
**NORDSTRANDITE** - Mt. Alluaiv, Allakurty, Lovozero Massif, Kola Peninsula, Russia  
**NORDSTRANDITE** - Stradner Hill, near Wilhelmsdorf, So. of Gleichenberg, Styria, Austria  
**NORDSTROMITE** - Ostra Hardmalmen Orebody, Falun, Sweden  
**NORMANDITE** – Mt. Partomchorr, Kola Peninsula, Russia  
**NORMANDITE (UK59)** - Poudrette Quarry, Mont St. Hilaire, Rouville Co., Quebec, Canada  
**NORRISHITE** – Hoskins Mine, Grenfell, N.S.W., Australia T  
**NOVACEKITE** - Las Animas Mine, Municipio de Aquiles Serdan, Chihuahua, Mexico  
**NSUTITE** - Nsuta Mine, Nsuta, Ghana T  
**NSUTITE** – Truth or Consequences, Sierra County, New Mexico  
**NULLAGINITE** - Otway Prospect, Nullagine Plains, W.A., Australia  
  
**OFFRETITE** – Beech Creek, Grant County, Oregon  
**OFFRETITE** - Herbstein, Vogelsberg, Hessen, Germany  
**OFFRETITE** – McGowan Creek, Lane County, Oregon  
**OFFRETITE** – Spray, Wheeler County, Oregon  
**OJUELAITE** – Mina Ojuela, Mapimi, Durango, Mexico T  
**OLGITE** – Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia T  
**OLIGOCLASE** – Bero Feldspar Quarry, Sannidal, Kragero, Telemark, So. Norway  
**OLIVENITE** Var. Leucochalcite – Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
**OLIVINE** – Apache Indian Reservation, San Carlos, Gila County, Arizona – See FORSTERITE  
**OLIVINE** - Dreisler Weiher Daun, Eifel District, Rhineland, Germany – See FORSTERITE  
**OLIVINE** – La Cuerva Volcano, Le Geria, Tias, Lanzarote, Canary Islands – See FORSTERITE  
**OLIVINE** – Mount Shadwell Quarry, Mortlake, Moyne Shire, Victoria, Australia – See FORSTERITE  
**OLIVINE** - Mt Briançon, Saint-Arcons-d’Allier, Langeac, Haute-Loire, Auvergne, France – See FORSTERITE  
**OLIVINE** – Ray Pic, Central France – See FORSTERITE  
**OLIVINE** - Sigurdfjelet Volcano, Svalbard, Spitzbergen Island, off the coast of Norway – See FORSTERITE  
**OLMIITE** - N’Chwaning II Mine, Kuruman, Kalahari Manganese Field, Northern Cape Province, South Africa T  
**OLMSTEADITE** – Big Chief Pegmatite, Glendale, Pennington County, South Dakota T  
**OMPHACITE** – Glaucophane Ridge, 5 Miles No. of Llanada, Southern San Benito County, California  
**ONORATOITE** – Le Cetine Mine, Grosseto, Italy  
**OPAL** Var. Geyselite – Lower Geysers Basin, Yellowstone Park, Wyoming  
**OPAL** Var. Hyalite – Square Top Mountain, near Dalby, Southeast Queensland, Australia  
**OPAL** Var. Hyalite - Valeč (Waltsh), Doupov (Duppau), Karlovy Vary Region, Bohemia (Böhmen; Boehmen), Czech Republic  
**OPAL** Var. Hydrophane - Square Top Mountain, near Dalby, Southeast Queensland, Australia  
**ORDONEZITE** - 27 Km. SW of Agua Prieta, La Morita, Sonora, Mexico  
**ORIENTITE** - Manganese Exploration Mine, Copper Harbor, Michigan  
**ORPIMENT** – Allchar, Macedonia (formerly Yugoslavia)

**ORTHOJOAQUINITE-(Ce)** – Dallas Gem Mine, Southern San Benito County, California T  
**OSARIZAWAITE** - Cordillera Mine, New South Wales, Australia  
**OSARIZAWAITE** - Omega Mine, Pima County, Arizona  
**OSARIZAWAITE** - Osarizawa Mine, Kazumo Shi, Akita Prefecture, Japan T  
**OSARIZAWAITE** - Silver Hill Mine, Pima County, Arizona  
**OSARIZAWAITE** - Teutonic Bore, near Agnew Ni Deposit, W.A., Australia  
**OSUMILITE** - Funtanafigu Quarry, Monte Arci, near Oristano, Sardinia, Italy  
**OSUMILITE** – Obsidian Cliffs, Lane County, Oregon  
**OSUMILITE** - Sakkabira, Kagosima Prefecture, Kyushu, Japan  
**OTWAYITE** - Otway Prospect, Nullagine Plains, W.A., Australia  
**OWYHEEITE** - Banner Mine, Boise County, Idaho  
**OWYHEEITE** - Broken Hills Mining District, Mineral County, Nevada  
**OWYHEEITE** - Morey Mine, Nye County, Nevada  
**OXYKERCHENITE** - Kerch Peninsula, Crimea Oblast, Ukraine - See VIVIANITE  
**OYELITE** - N'Chwaning II Mine, Kalahari Manganese Field, N. Cape Prov., Rep. S. Africa

**PABSTITE** - Pacific Limestone Products Quarry (Kalkar Quarry), Santa Cruz Co., California T  
**PAINITE** – Ohngaing, Mogok District, Sagaing, Myanmar (Burma) T  
**PAPAGOITE** - New Cornelia Pit, Ajo, Pima County, Arizona  
**PARACELSIAN** - Benallt Mine, Rhiw, Lyeon Peninsula, Caernarvonshire, Wales  
**PARADAMITE** – Mina Ojuela, Mapimi, Durango, Mexico  
**PARAGONITE** – Oya-cho, Yabu-gun, Hyogo Prefecture, Kinki Region, Honshu Island, Japan  
**PARAPIERROTITE** - Lookout Pass area, S.E. Tooele County, Utah  
**PARAREALGAR** - Boron Mine, Boron, Kern County, California  
**PARAREALGAR** - near Palmer, King County, Washington  
**PARASCHACHNERITE** – Mina Bambollita, Moctezuma District, Sonora, Mexico  
**PARASCHOLZITE** - #2 Kopje Open Cut, Broken Hill Mine, Kabwe, Zambia  
**PARASPURRITE** – near Darwin, Inyo County, California  
**PARASYMPLESITE** – Ojuela Mine, Mapimi, Durango, Mexico  
**PARATACAMITE** – 5th Level, Southwest Mine, Bisbee, Cochise County, Arizona  
**PARATACAMITE** – Mason Pass, Lyon County, Nevada  
**PARATACAMITE** – San Francisco Mine, Sierra Gorda, Chile  
**PARATACAMITE** – Wheal Hazard, St. Just, Cornwall, England  
**PARATELLURITE** - Bambollita Mine, Moctezuma District, Sonora, Mexico  
**PARATELLURITE** - San Miguel Mine, Moctezuma District, Sonora, Mexico  
**PARAUAUXITE** - Siglo XX Mine, Llallagua, Potosi Dept., Bolivia T  
**PARGASITE** – Allabad, Hunza Valley, Gilgit District, Northern Areas, Pakistan  
**PARISITE-(Ce)** – F & S Mine, Tarkio, Ravalli County, Montana  
**PARISITE-(Ce)** - Snowbird Mine, Ravalli County, Montana  
**PARISITE-(Ce) / SYNCHYSITE-(Ce)** - Holmestrand, Vestfold, Southern Norway  
**PARNAUTE** - Burrus Mine, Washoe County, Nevada  
**PARNAUTE** - Copper Stope, Majuba Hill, Pershing County, Nevada T  
**PARNAUTE** - Mine de Cap-Garonne, Dept. Var, France  
**PARSETTENSITE** - Foote Mineral Company Mine, Kings Mountain, North Carolina  
**PARSETTENSITE** - Molinello Mine, Val Graveglia, Genova, Italy  
**PARSONSITE** – La Faye Mine, Grury, Saone-et-Loire, France  
**PARTZITE** - Gilbert, Esmeralda County, Nevada  
**PASCOITE** – Ambrosia Lake District, McKinley County, New Mexico  
**PASCOITE** - Ambrosia Lakes District, McKinley County, New Mexico  
**PASCOITE** – La Sal District, San Juan County, Utah  
**PASCOITE** - Monument No. 2 Mine, Monument Valley, Apache County, Arizona  
**PATERNOITE** - Lake Inder, Kazakhstan- See KALIBORITE  
**PAULINGITE** - near Riggins, Adams County, Idaho  
**PAULINGITE** – near Ritter, Grant County, Oregon  
**PAULINGITE** – Three Mile School, near Ritter, Grant County, Oregon  
**PAULKERRITE** - Folgoso, Portugal  
**PAVONITE** - Poughkeepsie Gulch, San Juan County, Utah  
**PEARCEITE** – Uchucchacua Mine, Oyon Province, Lima Department, Peru  
**PECORAITE** – Clear Creek Mine, Southern San Benito County, California  
**PECORAITE** - Culver-Baer Mine, near Cloverdale, Sonoma County, California  
**PECORAITE** – Otway Prospect, Nullagine Plains, W.A., Australia  
**PECTOLITE-M2abc** - Rauchermuhle, Pfalz, Germany  
**PELLYITE** - Esquire #8 Mine, Big Creek, Fresno County, California  
**PELLYITE** - La Madrelena Mine, Tres Pozos, Baja California, Mexico  
**PENFIELDITE** – Sierra Gorda, Antofagasta, Chile  
**PENKVIKSITE** - Jubilee Pegmatite, Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia T

**PENROSEITE** – El Dragon Mine, Potosi, Bolivia  
**PENTAGONITE** – Wagholi Mine, near Pune (Poona), Maharashtra State, India  
**PENTAHYDROBORITE** - Fuga Mine, Bicchu-cho, Okayama Prefecture, Japan  
**PENTLANDITE** - 3900 Level, Strathcona Mine, Levack, Levack Township, Ontario, Canada  
**PENTLANDITE** – Copper Cliff South Mine, Sudbury Dist., Ontario, Canada  
**PENTLANDITE** – Fraser Mine, Levack Township, Sudbury District, Ontario, Canada  
**PENTLANDITE** – Frood Mine, McKim Township, Sudbury District, Ontario, Canada  
**PENTLANDITE** – Onaping Mine, Sudbury District, Ontario, Canada  
**PENTLANDITE** – Voisy’s Bay Mine, Voisy’s Bay, Newfoundland / Labrador, Canada  
**PERETAITE** - Pereta Mine, near Grosseto, Tuscany, Italy T  
**PERICLASE** - Persberg, Varmland, Sweden  
**PERIDOT** - Apache Indian Reservation, San Carlos, Gila County, Arizona – See FORSTERITE  
**PERIDOT** - Dreisler Weiher Daun, Eifel District, Rhineland, Germany – See FORSTERITE  
**PERIDOT** – La Cuerva Volcano, Le Geria, Tias, Lanzarote, Canary Islands – See FORSTERITE  
**PERIDOT** - Mount Shadwell Quarry, Mortlake, Moyne Shire, Victoria, Australia – See FORSTERITE  
**PERIDOT** - Mt Briançon, Saint-Arcons-d’Allier, Langeac, Haute-Loire, Auvergne, France – See FORSTERITE  
**PERIDOT** - Sigurdfjelet Volcano, Svalbard, Spitzbergen Island, off the coast of Norway – See FORSTERITE  
**PERIDOT** (= Forsterite, or Olivine) – Ray Pic, Central France – See FORSTERITE  
**PERITE** - 8 Miles N.E. of Benson, Cochise County, Arizona  
**PERITE** - Blue Bell Mine, San Bernardino County, California  
**PERLIALITE** – Mt. Yukspor, Khibina Massif, Kola Peninsula, Russia  
**PEROVSKITE** – Oka, Quebec, Canada  
**PEROVSKITE** – Perovskite Hill, Magnet Cove, Hot Spring County, Arkansas  
**PEROVSKITE** – Perovskite Peak, Southern San Benito County, California  
**PEROVSKITE** – Walgidee Hills Intrusion, W.A., Australia  
**PEROVSKITE** - Zelentsovskaya Pit, Zlatoust, Chelyabinsk Oblast', Southern Urals, Urals Region, Russia  
**PERRIERITE** - Buer, Bjorkedal, Langesundsfjord District, Norway  
**PERROUDITE** - Mine de Cap-Garonne, Dept. Var, France T  
**PETALITE** – Maxixe Mine, Piaui Valley, Taquaral, Itinga, Minas Gerais, Southeast Region, Brazil  
**PETALITE** - Varutrask, Skelleftea, Vasterbotten, Sweden  
**PETARASITE** - DeMix Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada T  
**PETERSITE**-(Y) - Laurel Hill (Snake Hill), Secaucus, New Jersey T  
**PETZITE** - Cash Mine, Gold Hill, Boulder County, Colorado  
**PETZITE** – Enterprise Mine, Eldora District, Boulder County, Colorado  
**PHARMACOLITE** – Gabe Gottes Mine, Neuenberg, Ste Marie-aux-Mines (Markirch), Haut-Rhin, Alsace, France  
**PHARMACOLITE** (Cobaltian) – Bou Azzer, Anti-Atlas Mountains, Morocco  
**PHARMACOSIDERITE** – Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
**PHARMACOSIDERITE** - Linkinhorne, Cornwall, England  
**PHARMACOSIDERITE** – Wheal Gorland, Camborne-Redruth-St. Day District, Cornwall, England  
**PHENAKITE** – Beilke's Quarry, Town of Rib Mountain, Marathon County, Wisconsin  
**PHENAKITE** – Mt. Antero, Chaffee County, Colorado  
**PHILIPSBORNITE** – Red Lead Mine, Dundas, Tasmania, Australia T  
**PHILIPSBURGITE** - Black Pine Mine, Philipsburg, Granite County, Montana T  
**PHILIPSBURGITE** - Central Pit, Gold Hill Mine, Gold Hill, Tooele County, Utah  
**PHILLIPSITE** – "The Doughboys", Cape Grim, Tasmania, Australia  
**PHILLIPSITE** – Ariccia, near Rome, Italy  
**PHILLIPSITE** – Limberg, Sasbach, Kaiserstuhl, Germany  
**PHILLIPSITE-K** - Osa Quarry, near Rome, Latium, Italy  
**PHILLIPSITE-K** – Quarry # 1, Sasbach, Kaiserstuhl, Baden, Germany  
**PHOENICOCHROITE** – Beresovsk, near Ekaterinburg, Ural Mountains, Russia  
**PHOENICOCHROITE** – Beresovsk, near Ekaterinburg, Ural Mountains, Russia  
**PHOENICOCHROITE** - Potter-Cramer Claim, Maricopa County, Arizona  
**PHOSPHOHEDYPHANE** – Whytes Cleuch, Wanlockhead, Dumfriesshire, Scotland  
**PHOSPHOHEDYPHANE**-(F) – 2C Adit, Blue Bell Claims, Soda Mountains, San Bernardino County, California  
**PHOSPHOPHYLLITE** – Big Chief Mine, near Keystone, Pennington County, South Dakota  
**PHOSPHOSIDERITE** - Bull Moose Mine, Custer County, South Dakota  
**PHOSPHOSIDERITE** - El Criollo Mine, Cerro Blanco District, Tanti, Cordoba, Argentina – See Bermanite  
**PHOSPHOSIDERITE** - Sapucaia Pegmatite, Conselheiro Pena, M.G., Brazil  
**PHOSPHOSIDERITE** - Stewart Mine, Pala, San Diego County, California  
**PHOSPHOSIDERITE** – York Mine, Polk County, Arkansas  
**PHOSPHURANYLITE** - Happy Jack Mine (Blue Dike Mine), White Canyon, White Canyon District, San Juan Co., Utah  
**PHOSPHURANYLITE** – Les Bois Noirs, Loire, France  
**PHOSPHURANYLITE** – Rattlesnake Mine, Big Indian Wash, San Juan County, Utah  
**PHOSPHURANYLITE** - Ruggles Mine, Grafton Center, Grafton County, New Hampshire  
**PHURCALITE** – La Gloria Mine, Cura Brochero, Traslasierra, Cordoba, Argentina  
**PICKINGERITE** - Libiola Mine, Sestri Levante, Genova Province, Liguria, Italy – See BOTRYOGEN

**PICROPHARMACOLITE** - Getchell Mine, Humboldt County, Nevada  
**PIEMONTITE** – 1 Mile No. of Boyd School, Buchanan Valley, Pennsylvania  
**PIEMONTITE** – Dabaga, Kimalagarti, Tanzania  
**PIEMONTITE** – Jakobsberg Mine, Nordmark, Filipstad, Varmland, Sweden  
**PIEMONTITE** – Phoebe Creek, Matukutuki River, New Zealand  
**PIEMONTITE** – Praborna Mine, Aosta Valley, St. Marcel, Italy  
**PIEMONTITE** - Prabornaz Mine (Praborna Mine), Saint-Marcel, Aosta Valley, Italy T  
**PIEMONTITE** – Sidewinder Mountain, Victorville, San Bernardino County, California  
**PIEMONTITE** – Uma-Ken, Iyo-gun, Ehime Prefecture, Shikoku Island, Japan  
**PIEMONTITE** – Yuba Canyon, Peavine Mountain, Nevada  
**PIETERSITE** - Outjo, Damaraland District, Kuene Region, Namibia – See RIEBECKITE  
**PINAKIOLITE** - Langban, Varmland, Sweden T  
**PINNOITE** – Lake Inder Borate Deposit, Central Kazakhstan  
**PIRSSONITE** – Searles Lake, San Bernardino County, California T  
**PLAGIONITE** - Wolfsberg, Harz Mountains, Germany  
**PLANCHEITE** - Azurite Mine, Tortolita Mountains, Pinal County, Arizona  
**PLANCHEITE** – Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**PLANCHEITE** - near Reneville, Shaba Province, Zaire  
**PLANCHEITE** - Pimbi, Zaire  
**PLANCHEITE** - Tsumeb, Namibia  
**PLANERITE** - Mauldin Mountain Quarry, Mt. Ida, Montgomery County, Arkansas  
**PLATINUM** (native) - Bear Creek Mine, Kateel Mining District, Seward Peninsula, Alaska  
**PLATINUM** (native) - Nizhni Tagilsk, Ural Mountains, Russia  
**PLATINUM** (native) - Tulameen River, near Princeton, British Columbia, Canada  
**PLATTNERITE** – Mina Ojuela, Mapimi, Durango, Mexico  
**PLOMBIERITE** - Crestmore Quarry, near Riverside, Riverside County, California  
**PLUMBOGUMMITE** – Daoping Mine, Yangshuo, Guangxi Province, China  
**PLUMBOGUMMITE** – Dry Gill Mine, Caldbeck Fells, Cumbria, England  
**PLUMBOJAROSITE** – Lomo de Toro Mine, Zimapan, Hidalgo, Mexico  
**PLUMBOJAROSITE** - near Tombstone, Cochise County, Arizona  
**POITEVINITE** – Julcani Mine, Huancavelica Department, Peru  
**POKROVSKITE** - Lytton, Sonoma County, California  
**POLDERVAARTITE** – Wessels Mine, Kalahari Manganese Field, Northern Cape Prov., South Africa T  
**POLLUCITE** – Dassu, Shigar Valley, Skardu District, Baltistan, Gilgit-Baltistan, Pakistan  
**POLLUCITE** – Himalaya Mine, Pala, San Diego County, California  
**POLLUCITE** – near Warner Springs, San Diego County, California  
**POLLUCITE** - Tanco Mine, Bernic Lake, Manitoba, Canada  
**POLYBASITE** – Highland Bell Mine, Beaverdell, British Columbia, Canada  
**POLYBASITE** – Zaca Mine, Alpine County, California  
**POLYCRASE-(Y)** – Overlook Quarry, Overlook, Saratoga County, New York  
**POLYCRASE-(Y)** - Yard Mine, Trout Creek Pass, Chaffee County, Colorado  
**POLYLITHIONITE** – Dara-I-Pioz Massif, Altai Range, Southern Tien-Shan, Tadjikistan  
**POLYLITHIONITE** – Mont Saint-Hilaire, Rouville County, Quebec, Canada  
**POLYLITHIONITE** - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**POLYLITHIONITE** - Mt. Ploskaja, Kola Peninsula, Russia  
**POSNJAKITE** - Coxheath Copper Mine, Frenchvale, Cape Breton County, Nova Scotia, Canada  
**POSNJAKITE** – Drakeheads Mine, Gunnislake, Cornwall, England  
**POSNJAKITE** - Eaglehead, near Louisburg, Nova Scotia, Canada  
**POSNJAKITE** - New Cornelia Mine, Ajo, Pima County, Arizona  
**POTASSIC-FLUORO-HASTINGSITE** - Greenwood Mine, Orange Co., Maine T  
**POTASSIC-FLUORO-PARGASITE** – Tranomaro-Maromby Area, Tulear Province, Madagascar  
**POTOSITE** – 380 Meter Level, San Jose Mine, Dept. of Oruro, Bolivia  
**POTTSITE** – Linka Mine, Lander County, Nevada  
**POTTSITE** – Linka Tungsten Mine, Toquima Range, Potts, Lander County, Nevada  
**POVONDRAITE** – San Francisco Mine, near Villa Tunari, Alto Chapare, Cochabamba, Bolivia T  
**POWELLITE** - Jardinera No. 1 Mine, Inca del Oro, N. of Copiapo, Atacama Province, Chile  
**POWELLITE** – Tonopah Divide Mine, Tonopah, Nye County, Nevada  
**POWELLITE** - White Picacho District, near Crown King, Yavapai County, Arizona  
**PREISINGERITE** – Mine Josef Moldava, Czech. Republic  
**PRICEITE** – Hard Scramble Claim, Ryan, Death Valley National Monument, Inyo County, California  
**PRIDERITE** - Walgidee Hills Intrusion, W.A., Australia  
**PRIORITE** – Arendal, Aust-Adger, Norway – See AESCHYNITE-(Y)  
**PRISMATINE** – Stakholmen, Halsingland, Sweden – See KORNERPINE  
**PROBERTITE** - Harmony Borax Works, Furnace Creek District, Death Valley N.M., Inyo County, California  
**PROBERTITE** – Mudd Mine, Boron, Inyo County, California  
**PROBERTITE** - Sterling Borax Mine, Tick Canyon, Los Angeles County, California

PROBERTITE - Tenneco (Thompson) Mine, Death Valley National Monument, Inyo County, California  
PROBERTITE – Western Mine, Boron, Kern County, California  
PROBERTITE – Western Mine, Boron, Kramer District, Kern County, California T  
PROUSTITE - Imiter Mine, Jbel Sarhro, Anti-Atlas Mountains, Morocco  
PSEUDOBOLEITE - Mina Beatrix, Sierra Gorda, Caracoles Dist., Antofagasta Province, Chile  
PSEUDOBOLEITE overgrowth on BOLEITE - Amelia Mine, Santa Rosalia, B.C., Mexico T  
PSEUDOBROOKITE – Lake Lemolo, Lane County, Oregon  
PSEUDOBROOKITE – Topaz Valley, Thomas Range, Juab County, Utah  
PSEUDOMALACHITE – Chingola Open Pit, (formerly Nchanga Mine), Zambia (Northern Rhodesia)  
PSEUDOMALACHITE – Empire-Nevada Mine, near Yerington, Lyon County, Nevada  
PSEUDOMALACHITE – Harquahala Mine, near Salome, La Paz County, Arizona  
PSEUDOMALACHITE - Mt. Glorious Mine, Cloncurry, Queensland, Australia  
PSEUDOMALACHITE – Musonoi Mine, Kolwezi, Shaba Province, Zaire  
PSEUDOMALACHITE - Vila Vicosa, Alentejo, Portugal  
PSEUDOMALACHITE – West Bogan Mine, New South Wales, Australia  
PUCHERITE - Pucher Shaft, Wolfgang Mine, Schneeberg, Saxony, Germany T  
PUMPELLYITE – Kreimbach-Kaulbach, Wolfstein, Rhineland-Palatinate, Germany  
PUMPELLYITE – near Cazadero, Sonoma County, California  
PUMPELLYITE – near Cloverdale, Mendocino County, California  
PUMPELLYITE – near El Cerrito, Contra Costa County, California  
PUMPELLYITE – Reed Station, Marin County, California  
PURPURITE – near Usakos, Kleinspitzkoppe Area, Namibia  
PYRARGYRITE - Zaca Mine, Alpine County, California  
PYROAURITE - 1020 Stope, 1300 Ft. Level, Sterling Hill Mine, Ogdensburg, New Jersey  
PYROAURITE - 220 Meter Level, Main Shaft, Langban Mine, Varmland, Sweden  
PYROAURITE – Nakauri, Shinshiro, Aichi Prefecture, Japan  
PYROAURITE - Rutherglen, Ontario, Canada  
PYROBELONITE - Ty Coch Manganese Mine, near South Cornelly, Mid Glamorganshire, Wales  
PYROCHLORE – Tatarskii Massif, Enisei Range, Krasnoyarskiy Krai, Eastern-Siberian Region, Russia  
PYROCHLORE – Union Carbide Vanadium Mine, Wilson Springs, Garland County, Arkansas  
PYROCHLORE - Verity Property, Blue River, British Columbia, Canada  
PYROCHROITE - Langban, Varmland, Sweden  
PYROCHROITE - N'Chwaning II Mine, No. Cape Province, Rep. of South Africa  
PYROCHROITE – Noda Tamagawa Mine, Kunobe-gun, Iwate Ken, Honshu, Japan  
PYROCHROITE – North Orebody, Sterling Hill Mine, Ogdensburg, New Jersey  
PYROLUSITE – Broken Hill, New South Wales, Australia  
PYROPHANITE - 3 M Quarry, Little Rock, Pulaski County, Arkansas  
PYROPHANITE - South of the Gem Mine, San Benito County, California  
PYROSMALITE - Monchi Mine, Burgillos Del Cerro, Badajoz Province, Spain - See FERROPYROSMALITE  
PYROSMALITE – Nordmark, Vermland, Sweden  
PYROSTILPNITE - Morey Mine, Nye County, Nevada  
PYROSTILPNITE - Van Silver Claim, near Whistler, B.C., Canada  
PYROXOMANGITE - Conselheiro Lafaiete, Minas Gerais, Brazil  
PYROXOMANGITE - Taguchi Mine, Shidara-gun, Aichi Prefecture, Japan

QUADRILAVYNE – Laacher See Region, Ettringen, Bellerberg, Eifel Dist., Rheinland-Pfalz, Germany  
QUENSELITE – America Stope, Langban Mines, Varmland, Sweden  
QUINTINITE-2H - Jacupiranga Mine, Sao Paulo State, Brazil  
QUISQUEITE – Minasragra, near Cerro de Pasco, Peru

RABEJACITE - Happy Jack Mine (Blue Dike Mine), White Canyon, White Canyon District, San Juan Co., Utah  
RADTKEITE – McDermitt Mine, Humboldt County, Nevada T  
RAITE - Jubilee Pegmatite, Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia T  
RALSTONITE - Ivigtut, Arsuk-Fjord, Greenland  
RAMSAYITE - Mt. Flora, Lovozero Massif, Kola Peninsula, Russia - See LORENZENITE  
RAMSDELLITE - Mistake Mine, Yavapai County, Arizona  
RASHLEIGHITE - Bunny Mine, near St. Austell, Cornwall, England - See TURQUOISE  
RASRITE – Proprietary Mine, Broken Hill, New South Wales, Australia  
RASVUMITE - Coyote Peak, near Orick, Humboldt County, California  
RASVUMITE – Mt. Rasvumchorr, Khibina Massif, Kola Peninsula, Russia T  
RAUENTHALITE – GruBe Gift (Gift Mine), Saint Marie-Aux-Mines, Alsace, France  
REDDINGITE - Cigana Mine, Galileia, Minas Gerais, Brazil  
REEDMERGNERITE – Dara-I-Pioz Massif, Garm Region, Tien-Shan, Tajikistan  
REEVESITE - Bon Accord, Barberton Mountain Land, Republic of South Africa  
REINHARDBRAUNSITE – Laacher See Region, Ettringen, Bellerberg, Eifel Dist., Rheinland-Pfalz, Germany  
REMONDITE-(Ce) - Poudrette Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada

**RENIERITE** - Tsumeb, Namibia  
**REYERITE** - Drynoch, Isle of Skye, Scotland  
**RHENIITE** – Kudryaviy Volcano, Iturup Island, Kurilian Island Chain, Russia T  
**RHODIZITE** – Antandrokamby, near Mt. Bity, Madagascar  
**RHODIZITE** – Sahaniivotry, Sahatany Valley, Madagascar  
**RHONITE** – Nickenicher Sattel, Laacher See District, Eifel, Germany  
**RICHELLITE** - Richelle, near Vise, Belgium T  
**RICHELSDORFITE** - Burrus Mine, Washoe County, Nevada  
**RICHELSDORFITE** - Wilhelm Mine, Bauhaus, Richelsdorf District, Hesse, Germany T  
**RICHTERITE** – Langban Mines, Langban, Varmland, Sweden  
**RICKARDITE** – Hilltop Mine, Dona Ana County, New Mexico  
**RIEBECKITE** - Alto Chapare District, Chapare Province, Cochabamba Department, Bolivia  
**RIEBECKITE** – Alto Chapare District, Chapare Province, Cochabamba Dept., Bolivia  
**RIEBECKITE** - Longvale Quarry, near Laytonville, Mendocino County, California  
**RIEBECKITE** – Rosa No. 1 Trench, Mount Rosa, El Paso County, Colorado  
**RIEBECKITE** Var. Crocidolite - Asbestos Mountains, N. of the Orange River, West Griqualand, N. Cape Prov., South Africa  
**RIEBECKITE** Var. Crocidolite – Asbestos Mts., No. Cape Province, Rep. of So. Africa  
**RIEBECKITE** Var. Crocidolite – Griekwastad, Northern Cape Province, Rep. of South Africa  
**RIEBECKITE** Var. Crocidolite – Griqualand West, Northern Cape Province, Rep. of South Africa  
**RIEBECKITE** Var. Crocidolite – Koegas Mine, No. Cape Prov., Rep. of South Africa  
**RIEBECKITE** Var. Crocidolite – Mooiwater, Limpopo Province, Rep. of South Africa  
**RIEBECKITE** Var. Crocidolite - Mount Brockman, Hamersley Ranges, Pilbara Region, W.A., Australia  
**RIEBECKITE** Var. Crocidolite – Mount Brockman, Pilbara Region, W.A., Australia  
**RIEBECKITE** Var. Crocidolite – Wittenoom Gorge, Pilbara Region, W.A., Australia  
**RIEBECKITE** Var. Crocidolite (Pietersite) – Outjo, Damaraland District, Kuene Region, Namibia  
**RIVERSIDEITE** – Crestmore Quarry, near Riverside, Riverside County, California  
**ROBERTSITE** – Tip Top Mine, Custer County, South Dakota  
**ROBINSONITE** - Maloe Zelenoe, Czechoslovakia  
**ROBINSONITE** - Red Bird Mercury Mine, East of Lovelock, Pershing County, Nevada  
**RODALQUILARITE** - Joe Mine, near Tombstone, Cochise County, Arizona  
**RODALQUILARITE** - Wendy Pit, El Indio Gold Mine, Tambo, Coquimbo District, Chile  
**ROEDDERITE** – Bellerberg, near Mayen, Eifel District, Germany  
**ROEDDERITE** – Satsumo-Iwojima, Kagoshima Prefecture, Nansei Archipelago, Kyushu Region, Japan  
**ROMANECHITE** - 6.5 Mi. So. of Palo Verde, Imperial County, California  
**ROMEITE** - Praborna Mine, Aosta Valley, St. Marcel, Italy  
**ROQUESITE** – Lautaret Pass (Col. du Lautaret), Htes Alpes, France  
**ROSCOELITE** - Double Decker Vein (No. 8 Vein), Engineer Mine, Tagish Lake, Atlin, B.C., Canada  
**ROSELITE** - Bou Azzer, Anti Atlas Mountains, Morocco  
**ROSENBUSCHITE** – Barkeviksjaer, Langesundfjord District, Norway  
**ROSENHAHNITE** - E. bank of the Russian River, 5 Mi. No. of Cloverdale, Mendocino County, California T  
**ROSSITE** - Cactus Rat Mine, Cisco, Yellow Cat District (W. part of Thompsons District), Grand Co., Utah  
**ROSSMANITE** - Rozna, Moravia, Czech. Republic T  
**ROUTHIERITE** – Jas Roux, Chabourneou, Htes Alpes, France  
**RUCKLIDGEITE** - Bear Mountain, near Harrison Hot Springs, B.C., Canada  
**RUIZITE** - Christmas Mine, near Hayden, Gila County, Arizona T  
**RUIZITE** - N’Chwaning II Mine, Kalahari Mn Field, Northern Cape Province, South Africa  
**RUTHERFORDINE** - Apex Mine, Lander County, Nevada  
**RUTHERFORDINE** - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**RUTILE (NIGRENE)** – Magnet Cove, Hot Spring County, Arkansas  
**RUTILE** Var. Nigrine – Magnet Cove, Hot Spring County, Arkansas  
  
**SAAMITE (Strontium Apatite)** – Pegmatite No. 47, Lovozero Massif, Kola Peninsula, Russia – See **FLUORAPATITE**  
**SABUGALITE** - Sabugal County, Beira Alta Province, Portugal T  
**SAFFLORITE** – New Nevada Mine, Batopilas, Chihuahua, Mexico  
**SAFIANNIKOFFITE** - Lueshe Mine, Kivu, Democratic Republic of Congo (Zaire) – See **HYDROPYROCHLORE**  
**SAKURAIITE** – Ikuno Mine, Ikuno-Machi, Asako-Gun, Hyogo Prefecture, Japan  
**SAL AMMONIAC** - near Ravat, Tien-Shan Mountains, Tajikistan  
**SALEEITE** - Cunha Baixa Mine, Beira Alta Province, Portugal  
**SALEEITE** - East Alligator River, Northern Territory, Australia  
**SALEEITE** – Ranger #3 Mine, Northern Territory, Australia  
**SALESITE** – Chuquicamata, Antofagasta Province, Chile  
**SAMARSKITE-(Y)** – (Ampangabeite) – Ampangabe, Madagascar T  
**SAMARSKITE-(Y)** – Ambatofotsikely, Madagascar  
**SAMARSKITE-(Y)** – Black Cloud Pegmatite, South Platte District, Jefferson County, Colorado  
**SAMARSKITE-(Y)** – Drahonin Uranium Mine, Tisnov, South Moravia Region, Moravia, Czech Republic  
**SAMARSKITE-(Y)** – Field Mine, Crabtree Creek, Spruce Pine District, Mitchell Co., North Carolina



SAMARSKITE-(Y) – Little Patsy Pegmatite, South Platte Pegmatite District, Jefferson County, Colorado  
 SAMARSKITE-(Y) – Quarry No. 125, Divinesia (ex-Divino de Uba), Minas Gerais, Brazil  
 SAMARSKITE-(Y) – Webb Quarry, Micaville, Yancey County, North Carolina  
 SAMARSKITE-(Y) – White Rock Quarry, Middletown, Middlesex County, Connecticut  
 SAMARSKITE-(Yb) – Little Patsy Pegmatite, South Platte District, Jefferson Co., Colorado T  
 SAMPLEITE - Chuquicamata Mine, Antofagasta Province, Chile  
 SAMPLEITE - Lake Boga Granite Quarry, N.W. Victoria, Australia  
 SAMPLEITE - Santa Catalina Mine, Sierra Gorda, Caracoles District, Antofagasta Province, Chile  
 SANBORNITE - Esquire No. 1 Claim, Rush Creek, Fresno County, California  
 SANBORNITE – La Madrelena Mine, Tres Pozos, Baja California, Mexico  
 SANBORNITE - Trumbull Peak, Mariposa County, California T  
 SANEROITE - Miniera Gambatesa, near Chiavari, Val Graveglia, Liguria, Italy T  
 SANEROITE - Molinello Mine, near Chiavari, Val Graveglia, Liguria, Italy T  
 SANIDINE – Mina de la Pilio, La Cruz, Chihuahua, Mexico  
 SANROMANITE – Santa Rosa Mine, Alto Hospicio, Taparaca Region, Chile T  
 SANTABARBARITE (Oxykerchenite) – Kerch Peninsula, Crimea Oblast, Ukraine  
 SANTA CLARAITE - Pennsylvania Mine, Santa Clara County, California T  
 SAPONITE – Roadside Quarry, An Speireachan, near Tobermory, Island of Mull, Scotland  
 SAPONITE Var. Griffithite – Griffith Park, Los Angeles County, California T  
 SAPPHIRINE – Androy Region, Toliara (Tulear) Province, Madagascar  
 SAPPHIRINE – Betroka District, Horombe Region, Fianarantsoa Province, Madagascar  
 SARABAUITE - Sarabau Mine, 40 Km SW of Kuching, Sarawak, Malaysia (Borneo) T  
 SARCOPSIDE – Palermo #1 Mine, North Groton, Grafton County, New Hampshire  
 SARKINITE – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
 SASSOLITE – Mudd Mine, Boron, Kern County, California  
 SASSOLITE – Sulphur Bank Mine, Lake County, California  
 SASSOLITE - Upper Bidy Mine, near Ryan, Death Valley N.M., Inyo County, California  
 SCAINIITE – Dubrava, Slovakia  
 SCARBROITE - South Bay, Scarborough, Yorkshire, England T  
 SCAWTITE - Crestmore Quarry, Riverside County, California  
 SCHAFARZIKITE – Kriznica, Pernek, Bratislava Region, Slovakia T  
 SCHLOSSMACHERITE – Emma Luisa Mine, Guanaco, Antofagasta Province, Chile  
 SCHMITTERITE - Moctezuma Mine, Moctezuma District, Sonora, Mexico  
 SCHNEIDERHOHNITE – Corrego do Urucum, Galileia, Minas Gerais, Brazil  
 SCHNEIDERHOHNITE - Tsumeb, Namibia  
 SCHODERITE - Fish Creek Range, South of Eureka, Eureka County, Nevada  
 SCHODERITE - VanNavSan Claim, Fish Creek Range, Gibellini District, Eureka Co., Nevada  
 SCHOENFLIESITE – Zlaty Kopec, Erzgebirge, Czech Republic  
 SCHOEPITE – “A” Group, Inter-River/Green River Area, Emery County, Utah  
 SCHOEPITE – Krunkebach Valley Uranium Deposit, Menzenschwand, Schwarzwald, Baden-Wurttemberg, Germany  
 SCHOEPITE - Lookout No. 22 Claim, Marshall Pass District, Saguache County, Colorado  
 SCHOLZITE - Hagedorf Sud, Oberpfalz, Bavaria, West Germany  
 SCHOLZITE - Reaphook Hill, near Blinman, S.A., Australia  
 SCHOLZITE – Tip Top Mine, Custer County, South Dakota  
 SCHOONERITE - Palermo Mine, North Groton, New Hampshire  
 SCHORLOMITE - South of the Gem Mine, San Benito County, California  
 SCHROCKINGERITE – "C" Group, Inter-River/Green River Area, Emery County, Utah  
 SCHROCKINGERITE – 7 Mile Canyon, near Moab, Grand County, Utah  
 SCHROCKINGERITE – Encampment, Carbon County, Wyoming  
 SCHROCKINGERITE - Hideout Mine, White Canyon District, San Juan County, Utah  
 SCHROCKINGERITE – Jack Daniels No. 1 Mine, Cameron District, Coconino County, Arizona  
 SCHROCKINGERITE - Lost Creek, 36 Mi. NNW of Wamsutter, Sweetwater County, Wyoming  
 SCHUETTEITE - Silver Cloud Mine, north of Battle Mountain, Lander County, Nevada  
 SCHULENBERGITE - Ramsbeck Mine, Dornberg, Sauerland, Germany  
 SCHUMACHERITE – Pucher Shaft, Richtschacht, Schneeberg, Saxony, Germany  
 SCORODITE - Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
 SCORODITE – Gold Hill Mine, Tooele County, Utah  
 SCORODITE – Hemerdon Quarry (Hemerdon Ball Mine), Sparkwell, Devon, England  
 SCORODITE – Hezhou Prefecture, Guangxi Zhang Autonomous Region, China  
 SCORODITE - Mina Ojuela, Mapimi, Durango, Mexico  
 SCORODITE – Pingtoulung Mine, Liannan County, Guangdong Province, China  
 SCORODITE – Tin Stope, Majuba Hill, Pershing County, Nevada  
 SCORODITE – Wheal Gorland, St. Day, Gwennap, Cornwall, England  
 SCORODITE – Zaaipplaats Tin Field, Mokopane District, Limpopo Province, South Africa  
 SCORZALITE – Champion Mine, White Mountains, Inyo County, California  
 SCORZALITE – Halsjoberg (Horrsjoberg), Torsby, Varmland, Sweden

**SCORZALITE** – Palermo #1 Mine, North Groton, Grafton County, New Hampshire  
**SEELIGERITE** - San Francisco Mine, Sierra Gorda, Caracoles Dist., Antofagasta Prov., Chile  
**SEGNITITE** - Kintore Opencut, Broken Hill, New South Wales, Australia T  
**SEIDOZERITE** – Seidozero Lake, Murai River Valley, Lovozero Massif, Kola Peninsula, Russia T  
**SEKANINAITE** - Dolni Bory, near Velke Mezirici, Western Moravia, Czechoslovakia T  
**SELENIUM** (native) - Ambrosia Lakes District, near Grants, McKinley County, New Mexico  
**SELLAITE** - Brocks Creek, South of Darwin, Northern Territory, Australia  
**SELLAITE** - near Darwin, Northern Territory, Australia  
**SEMSEYITE** – Herja, Maramures District, Romania  
**SENAITE** - Fazenda Guariba, Minas Gerais, Brazil - See **CRICHTONITE** (Plumbian)  
**SENARMONTITE** – Djebel Hammimat Mine, Ain Babouche, Ain Beida, Constantine Province, Algeria T  
**SENARMONTITE** – Hamimat, Constantine, Algeria T  
**SENARMONTITE** – near Winnemucca, Humboldt County, Nevada  
**SENARMONTITE** – Tom Moore Mine, Erskine Creek Mining District, Kern County, California  
**SENEGALITE** - Kourou Diakouma (Kouroudiako), Faleme River Basin, Tambacounda Region, Senegal T  
**SERPIERITE** - Challis, Custer County, Idaho  
**SERPIERITE** - Serpieri Mine, Laurium, Attica, Greece T  
**SHAFRANOVSKITE** – Mt. Yukspor, Khibina Massif, Kola Peninsula, Russia  
**SHANNOITE** – Tonopah-Belmont Mine, Big Horn Mountains, Maricopa County, Arizona  
**SHATTUCKITE** - Navojoa, Sonora, Mexico  
**SHATTUCKITE** - New Cornelia Mine, Ajo, Pima County, Arizona  
**SHATTUCKITE** - Shattuck Shaft, Bisbee, Cochise County, Arizona T  
**SHORTITE** - Poudrette Quarry, Mont St. Hilaire, Rouville Co., Quebec, Canada  
**SHORTITE** - Stauffer Mine, Green River, Sweetwater County, Utah  
**SHUISKITE** – Saranovskii Mine, Permskaya Oblast, Middle Urals, Urals Region, Russia  
**SHUISKITE** - Sarany Chromite Deposit, Bisersk, Ural Mountains, Russia  
**SHUNGITE** – Shun’ga Village, Lake Onega, Karelia Republic, Northern Region, Russia T  
**SIDERAZOT** - Ottaviano, Mt. Vesuvius, Italy T  
**SIDERONATRITE** - Beowawe Hot Springs, Eureka County, Nevada  
**SIEGENITE** - Magmont Mine, Viburnum Trend Lead Belt, S.E. Missouri  
**SIEGENITE** - Sweetwater (Miliken) Mine, Reynolds County, Missouri  
**SIGLOITE** – Siglo XX Mine, Llallagua, Potosi, Bolivia T  
**SILVER** (native) – Copper Stope, Majuba Hill, Pershing County, Nevada  
**SILVER** (native) – Tsumeb, Namibia  
**SILVER** Var. Electrum - Double Decker Vein (No. 8 Vein), Engineer Mine, Tagish Lake, Atlin, B.C., Canada  
**SINCOSITE** - Ross Hannibal Mine, Lawrence County, South Dakota  
**SJOGRENITE** – near Litton, Sonoma County, California  
**SKEMMATITE** – Iva, Anderson County, South Carolina T  
**SKLODOWSKITE** - Mashamba West Mine, Shaba Province, Zaire  
**SKLODOWSKITE** - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**SKLODOWSKITE** - Santo Domingo Mine, Santa Eulalia, Chihuahua, Mexico  
**SKLODOWSKITE** – Shinkolobwe Mine, Shaba Province, Zaire T  
**SKLODOWSKITE** – Swambo, Shaba Province, Zaire  
**SKUTTERUDITE** – Amphibolite Quarry, Mackenheim Absteinach, Odenwald, Hesse, Germany  
**SKUTTERUDITE** - Arhbar Mine, Bou Azzer, Anti-Atlas Mountains, Morocco  
**SKUTTERUDITE** Var. Smaltite – Hudson Bay Mine, Cobalt District, Ontario, Canada  
**SMALTITE** – Cobalt, Ontario, Canada – See **SKUTTERUDITE** Var. Smaltite  
**SMITHSONITE** Var. Herrerite (Cuprosmithsonite) – Tsumeb, Namibia  
**SMITHSONITE** Var. Mangansmithsonite - Tsumeb Mine, Tsumeb, Otjikoto Region, Namibia  
**SMOLIANINOVITE** - Dome Rock Copper Mine, Olary Province, S.A., Australia  
**SMRKOVECITE** – Smrkovec, Czech. Republic T  
**SMYTHITE** - Saddleback Basalt, Boron Mine, Boron, Kern County, California  
**SODALITE** – Diesse Mine (Diesse Carbonatite), Cochabamba Dept., Bolivia  
**SODALITE** – Dmitriyevka, Mariupol Massif (Oktyabr’skii), Azov Sea Region, Dometsk Oblast, Ukraine  
**SODALITE** – Mt Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**SODALITE** – Mt. Punkuruain, Lovozero Massif, Kola Peninsula, Russia  
**SODALITE** – Nygard-Arntfeltet, Tvedalen, Norway  
**SODALITE**- Cerro Sapo, Ayopaya Province, Cochabamba Dept., Bolivia  
**SODALITE** Var. Hackmanite – Coyote Peak, Humboldt County, California  
**SODALITE** Var. Hackmanite - Kvanefjeld, Ilimaussaq Alkaline Intrusive, Southern Greenland  
**SODALITE** Var. Hackmanite – Mt. Kukisvumchorr, Khibiny Massif, Kola Peninsula, Russia  
**SODALITE** Var. Hackmanite - Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia  
**SODALITE** Var. Hackmanite – Richterite Occurrence, Koksha Valley, Badakhshan Province, Afghanistan  
**SODDYITE** - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
**SODDYITE** – Shinkolobwe Mine, Katanga Copper Zone, Shaba Province, Zaire  
**SODDYITE** – Swambo, Central Area, Shaba Province, Zaire (Congo)

**SODIUM-ZIPPEITE** – Delta Mine (Pick Mine), San Rafael District, Emery County, Utah  
**SODIUM-ZIPPEITE** - Peeth Lode, Geevor Mine, St. Just, Cornwall, England  
**SOGDIANITE** - Dara-I-Pioz Massif, Altai Range, Southern Tien-Shan, Tadzhikistan  
**SONORAITE** - Joe Shaft, near Tombstone, Cochise County, Arizona  
**SONORAITE** – Moctezuma Mine, Moctezuma District, Sonora, Mexico T  
**SORBYITE** - Lucky Strike Mine, near Candelaria, Mineral County, Nevada  
**SPADAITE** - Alvarado Mine, Gold Hill, Tooele County, Utah  
**SPANGOLITE** – 5th Level, Southwest Mine, Bisbee, Cochise County, Arizona  
**SPANGOLITE** - Blanchard Mine, near Bingham, Hansonburg District, Socorro County, New Mexico  
**SPANGOLITE** - Copper Stope, Majuba Hill, Pershing County, Nevada  
**SPANGOLITE** - Fontana Rossa, Agonisha, Corsica Island (Mediterranean Sea)  
**SPANGOLITE** - Mason Pass, Lyon County, Nevada  
**SPANGOLITE** – Miler Mine, Majuba Hill, Pershing County, Nevada  
**SPERRYLITE** - Vermilion Mine, Sudbury, Ontario, Canada T  
**SPHAEROCOBBALITE** - Bou Azzer, Anti Atlas Mountains, Morocco  
**SPHALERITE** Var. Gumucionite - Llallagua, Potosi, Bolivia T  
**SPHALERITE** Var. Schalenblende – Polmourkany Mine, Kolchoz, Poland  
**SPINEL** Var. Ceylonite – Commercial Quarry, Crestmore, Riverside County, California  
**SPIONKOPITE** - Yarrow Creek, SW Alberta, Canada T  
**SPIROFFITE** – Moctezuma Mine, Moctezuma District, Sonora, Mexico  
**STANNITE** – Cinwald (Zinnwald), Bohemia, Czech Republic  
**STANNITE** – Las Animas Mine, Potosi Department, Bolivia  
**STANNITE** - Renison Bell Mine, near Zeehan, Tasmania, Australia  
**STANNITE** - San Jose Mine, Dept. of Oruro, Bolivia  
**STEACYITE** - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia  
**STEACYITE** – DeMix Quarry, Mont St. Hilaire, Rouville County, Quebec, Canada T  
**STEACYITE** - Mont St. Hilaire, Rouville County, Quebec, Canada T  
**STEENSTRUPINE-(Ce)** - Mt. Umbozera, Lovozero Massif, Kola Peninsula, Russia  
**STELLERITE** - Ritter Hot Springs, Grant County, Oregon  
**STEPHANITE** - Zaca Mine, Alpine County, California  
**STEWARTITE** – Benjamin Hill, 90 Miles South of Nogales, Sonora, Mexico  
**STEWARTITE** - Fletcher Mine, North Groton, Grafton County, New Hampshire, Collected by J. Parnau 1974  
**STEWARTITE** – Stewart Mine, Pala District, San Diego County, California T  
**STIBARSEN** - Rio Moctezuma, Municipio de Moctezuma, Sonora, Mexico  
**STIBARSEN** - Trebsco, Bohemia, Czechoslovakia  
**STIBARSEN** – Uranium Mine No. 7, Trebsco, Pribram, Central Bohemia, Czech Republic  
**STIBIOTANTALITE** – Himalaya Mine, Mesa Grande, San Diego County, California  
**STICHTITE** - Kaapsche Hoop, Barberton District, Republic of South Africa  
**STICHTITE** - Stichtite Hill, Dundas, Tasmania, Australia T  
**STICHTITE** – Tunnel Hill Asbestos Mine, Zeehan, Tasmania, Australia  
**STILBITE-(Ca)** – Skookumchuck Dam, near Bucoda, Thurston County, Washington  
**STILLWELLITE-(Ce)** – Dara-I-Pioz Massif, Altai Range, Southern Tien Shan, Tadzhikistan  
**STISHOVITE** - Meteor Crater, Coconino County, Arizona T  
**STOKESITE** - Corrego du Urucum, near Galileia, Governador Valadares, M. G., Brazil  
**STOLZITE** - Abuja, Niger Province, Northern Nigeria  
**STOLZITE** - Cordillera Mine, near Cordillera, New South Wales, Australia  
**STOLZITE** – Kara Mine, Hampshire, Tasmania, Australia  
**STOLZITE** - Proprietary Mine, Broken Hill, New South Wales, Australia  
**STOLZITE** - Zinnwald, Bohemia, Czechoslovakia  
**STRACZEKITE** - Union Carbide Vanadium Mine, Wilson Springs, Garland County, Arkansas T  
**STRASHIMIRITE** - Burrus Mine, Washoe County, Nevada  
**STRASHIMIRITE** - Copper Stope, Majuba Hill Mine, Pershing County, Nevada  
**STRENGITE** – Black Widow Mine, near Columbus Mill, Esmeralda County, Nevada  
**STRENGITE** – Boa Vista Mine, Galileia, Minas Gerais, Brazil  
**STRENGITE** – Hagendorf, Oberpfalz, Bavaria, Germany  
**STRENGITE** - Mina Arkansas, Polk County, Arkansas  
**STRENGITE** – Pack Rat Mine, near Boulevard, San Diego County, California  
**STRENGITE** – Stewart Mine, Pala District, San Diego County, California  
**STRIGOVITE** - Strezgom (Streigau), Wojew. Wroclaw, Poland - See CHLORITE T  
**STRINGHAMITE** - Christmas Mine, near Hayden, Gila County, Arizona  
**STROMEYERITE** – Alexander Shaft, Vrancice, near Pribram, Bohemia, Czech Republic  
**STROMEYERITE** - Magma Mine, near Superior, Pinal County, Arizona  
**STROMEYERITE** - Vrancice, near Pribram, Bohemia, Czechoslovakia - See MCKINSTRYITE  
**STRONTIOGINORITE** – Kern Borate Mine (Tenneco Open Pit), near Ryan, DVNM, Inyo Co., California  
**STRONTIOJOAQUINITE** - Junnila Mine, New Idria District, Southern San Benito County, California  
**STRONTIOJOAQUINITE** - Mina Numero Uno, Southern San Benito County, California T

**STRONTIOJOAQUINITE** - Victor Mine, Clear Creek District, So. San Benito County, California  
**STRONTIO-ORTHOJOAQUINITE** – Benitoite Gem Mine, Southern San Benito County, California  
**STRONTIUM APATITE** – Pegmatite No. 47, Lovozero Massif, Kola Peninsula, Russia – See **FLUORAPATITE V. Saamite**  
**STRONTIUM-APATITE** - Lovozero Massif, Kola Peninsula, Russia  
**STRONTIUM-APATITE** – Mina Numero Uno, Southern San Benito County, California  
**STRONTIUM-APATITE** - Victor Mine, Clear Creek District, Southern San Benito County, California  
**STRUNZITE** - Hagendorf Sud, Hessen, Bavaria, Germany  
**STUDTITE** – Krunkelbach Valley Uranium deposit, Menzenschwand, Black Forest, Baden-Württemberg, Germany  
**STURMANITE** - N'Chwaning II Mine, No. Cape Prov., Republic of South Africa T  
**STUTZITE** - Bambollita Mine, Moctezuma District, Sonora, Mexico  
**SUGILITE** - Iwagi Islet, Ehime Prefecture, Southwest Japan T  
**SUGILITE** - Wessels Mine, No. Cape Province, Republic of South Africa  
**SULVANITE** - Edelweiss Mine, Burra-Burra District, S.A., Australia T  
**SUNDUISITE** – Langban, Varmland, Sweden  
**SUOLUNITE** - Al Khawd, 35 Km West of Muscat, Oman  
**SURSASSITE** - Strategic Manganese Mine, near Woodstock, New Brunswick, Canada  
**SVABITE** - Langban Mines, Langban, Varmland, Sweden  
**SVABITE** – Ultevis, Lappland, Sweden  
**SVANBERGITE** – Dover Mine, near Hawthorne, Mineral County, Nevada  
**SVANBERGITE** – Mt. Brussilof Mine, Radium, British Columbia, Canada  
**SWEDENBORGITE** – Langban, Varmland, Sweden  
**SWINEFORDITE** - Foote Mineral Company Mine, Kings Mountain, North Carolina T  
**SWITZERITE** - Foote Mineral Company Mine, Kings Mountain, North Carolina - See **METASWITZERITE**  
**SWITZERITE** – Tip Top Mine, Custer County, South Dakota  
**SYLVANITE** - Cripple Creek, Teller County, Colorado  
**SYLVITE** - Bischofferode Potash Works (Thomas Müntzer Potash Works), Bleicherode, Thuringia, Germany  
**SYLVITE** - Bismarckshall Mine, Bischofferode, Kreis Worbis, Thuringia, Germany  
**SYLVITE** – Boulby Mine, Loftus, Cleveland, Northern England  
**SYLVITE** – Salton Sea, Imperial County, California  
**SYNCHYSITE-(Ce)** - Cherbadung Mountain (Pizzo Cervandone), Valais, Switzerland  
**SYNCHYSITE-(Ce)** - Holmestrand, Vestfold, So. Norway  
**SYNCHYSITE-(Ce)** - Pizzo Rotondo, Val Bedretto, Canton Ticino, Switzerland  
**SYNCHYSITE-(Y)** (Doverite) - Scrub Oaks Mine, Dover, Morris County, New Jersey T  
**SZAIBELYITE** – Blind Mountain, Pioche, Lincoln County, Nevada  
**SZAIBELYITE** - Bou Azzer, Anti-Atlas Mountains, Morocco  
**SZAIBELYITE** – Brosso Mine, Cândia, Lésolo, Canavese District, Torino Province, Piedmont, Italy  
**SZAIBELYITE** - Bryson Roadcut, Hwy. 8, East of Bryson, Quebec, Canada  
**SZAIBELYITE** - Stinson Beach, Marin County, California  
**SZAIBELYITE** - West Spring, Beaver Lake Mountains, Utah  
**SZENICSITE** - Jardinera No. 1 Mine, Inca del Oro, N. of Copiapo, Atacama Province, Chile T  
**SZOMOLMOKITE** – Lavender Pit, Bisbee, Cochise County, Arizona  
**SZOMOLNOKITE** – Lavender Pit, Bisbee, Cochise County, Arizona

**TACHARANITE** - Espalion, Aveyron, France  
**TACHARANITE** - State Road 620, 4.26 KM E.N.E. of Doe Hill, Highland County, Virginia  
**TADZHIKITE-(Ce)** - Dara-I-Pioz Massif, Altai Range, Southern Tien-Shan, Tadzhikistan  
**TAENIOLITE** - Mt. Lepche-Nelm, Lovozero Massif, Kola Peninsula, Russia  
**TAKOVITE** - Alpine Mine, Clear Creek, San Benito County, California  
**TAKOVITE** – Carr-Boyd Nickel Mine, Carr-Boyd Rocks, W.A., Australia  
**TALMESSITE** – Gold Hill Mine, Tooele County, Utah  
**TALMESSITE (Cobaltian)** - Bou Azzer, Anti Atlas Mountains, Morocco  
**TALNAKHITE** - Komsomolskiy Mine, Talnakh, Noril'sk Region, Siberia, Russia T  
**TANEYAMALITE** - Taneyama Mine, Yatsushiro Gun, Kumamoto Prefecture, Japan T  
**TANGEITE** – Monument Valley, Garnet Ridge, Apache County, Arizona  
**TANGEITE** – Ridenour Mine, Grand Canyon, Coconino County, Arizona  
**TANGEITE (Calciovolborthite)** – Richardson, Grand County, Utah  
**TARAMELLITE** – Candoglia Quarry, Ossola Valley, Italy  
**TARAMITE** – Itamarandiba, Minas Gerais, Brazil  
**TARBUTTITE** - #2 Kopje Open Cut, Broken Hill Mine, Kabwe, Zambia (NW Rhodesia) T  
**TARBUTTITE** – Skorpion Zinc Mine, Rosh Pinah, Karas Region, Namibia  
**TAUSONITE** - Murunskii Massif, W. Aldan, East Siberia, Russia T  
**TAVORITE** - Bull Moose Mine, near Custer, Pennington County, South Dakota  
**TAVORITE** - Tip Top Mine, Custer County, South Dakota  
**TEALLITE** - "D" Vein, 220 Level, San Jose Mine, Dept. of Oruro, Bolivia  
**TEALLITE** – Candelaria Mine, Poopo, Dept. Oruro, Bolivia  
**TEALLITE** - Porvenir Mine, Huanuni, Dept. of Oruro, Bolivia

**TELLURIUM (native) - Mina Bambollita, Moctezuma District, Sonora, Mexico**  
**TELLURIUM (native) - Red Cloud Mine, Boulder County, Colorado**  
**TELLURIUM (native) - Rex Mine, Boulder County, Colorado**  
**TELLURIUM (native) - San Miguel Mine, Moctezuma District, Sonora, Mexico**  
**TELLUROBISMUTHITE - Clogau-St. Davids Mine, Dollgellau (Dollgelly), Gwynedd County, Wales**  
**TELLUROBISMUTHITE - Mang Fallsberget, Boliden, Vasterbotten, Sweden**  
**TENGERITE-(Y) - Evans-Lou Mine, Poltimore, 22 Miles No. of Ottawa, Quebec, Canada**  
**TENGERITE-(Y) – Ytterby, Sweden**  
**TENNANTITE (Binnite) – Lengenbach Quarry, Im Feld, Binn Valley, Switzerland**  
**TENORITE - Copper Stope, Majuba Hill, Pershing County, Nevada**  
**TENORITE – Crestmore Quarry, near Riverside, Riverside County, California**  
**TENORITE – Crestmore Quarry, near Riverside, Riverside County, California**  
**TENORITE – Southwest Mine, Bisbee, Cochise County, Arizona**  
**TEPHROITE - Auswurflinge, Laacher See Region, Bellerberg, Eifel District, Rheinland-Pfalz, Germany**  
**TEPHROITE – Franklin, Sussex County, New Jersey**  
**TEPHROITE - Kaso Mine, Tochigi-Ken, Honshu, Japan**  
**TEPHROITE – Treburland Mine, Bodmin Moor, Cornwall, England**  
**TERLINGUACREEKITE – Mariposa Mine, Terlingua, Brewster County, Texas T**  
**TERLINGUAITE - Emerald Lake District, Redwood City, San Mateo County, California**  
**TERLINGUAITE – Mariposa Mine, Terlingua Mining District, Brewster County, Texas T**  
**TERNESITE - Laacher See Region, Ettringen, Bellerberg, Eifel Dist., Rheinland-Pfalz, Germany**  
**TETRADYMITE – Hayes Creek, Sonora Gulch, Yukon Territory, Canada**  
**TETRADYMITE – Lone Jack Mine, Mt. Baker District, Washington**  
**TETRA-FERRIPHLOGOPITE - Kovdor Massif, Kola Peninsula, Russia T -**  
**TETRAFERRIPHLOGOPITE - Kovdor Zheleznyi Mine, Kovdor Massif, Kola Peninsula, Murmanskaja Oblast', Russia T**  
**TETRAFERRIPHLOGOPITE - Zheleznyi Iron Mine, Kovdor Massif, Kola Peninsula, Russia T**  
**TETRAHEDRITE Var. Schwatzite – Schwatz, Austria T**  
**TETRANATROLITE - Island Magee, County Antrim, Northern Ireland**  
**THAUMASITE - Crestmore Quarry, near Riverside, Riverside County, California**  
**THAUMASITE – Fairfax Quarry, near Centreville, Fairfax County, Virginia**  
**THAUMASITE - N'Chwaning II Mine, No. Cape Province, Republic of South Africa**  
**THEISITE – Tuckerville prospects, Hinsdale Co., Colorado**  
**THENARDITE – Soda Lake, San Luis Obispo County, California**  
**THENARDITE – Upper Bidy Mine, Death Valley N.M., Inyo County, California – See SASSOLITE**  
**THOMETZEKITE - Gold Hill, Tooele County, Utah**  
**THORIANITE – Andranodambo, North of Fort Dauphin, Madagascar**  
**THORIANITE – Huddersfield Township, Pontiac County, Quebec, Canada**  
**THORITE – Seerie Pegmatite, South Platte District, Jefferson County, Colorado**  
**THORITE Var. Uranothorite - Mount Rosa, El Paso County, Colorado**  
**THOROGUMMITE - C. K. Williams Quarry, N. of Easton, Northampton Co., Pennsylvania**  
**THOROGUMMITE - Seerie Pegmatite, South Platte District, Jefferson County, Colorado**  
**THORTVEITITE – Rossas, Iveland, Norway**  
**TIEMANNITE - Deertrail Quicksilver Mine, near Marysvale, Piute County, Utah**  
**TIEMANNITE - Lucky Boy Mine, Cottonwood Creek, Marysvale, Piute County, Utah**  
**TILASITE - Langban Mines, Langban, Varmland, Sweden**  
**TILLEYITE - Crestmore Quarry, near Riverside, Riverside County, California**  
**TINAKSITE - Chara River Area, Murun Massif, N.W. Aldan, Siberia, Russia**  
**TINZENITE - Falotta, Tinzong (Tinzen), Oberhalbstein, Switzerland T**  
**TIPTOPITE – Tip Top Mine, near Custer, Custer County, South Dakota T**  
**TIRODITE - Tirodi Mines, Madhya Pradesh, Central Provinces, India T**  
**TISINALITE – Mt. Koashva, Khibiny Massif, Kola Peninsula, Russia**  
**TITANITE Var. Yttrotitanite – Arendal, Aust-Agder, Norway**  
**TITANITE Var. Yttrotitanite – Arendal, Norway**  
**TITANOWODGINITE – Tanco Mine, Bernic Lake, Manitoba, Canada T**  
**TITANTARAMELLITE - Esquire No. 1 Mine, Rush Creek, Fresno County, California T**  
**TITANTARAMELLITE – La Madrelena Mine, Tres Pozos, Baja California, Mexico**  
**TITANTARAMELLITE - Trumbull Peak, near Incline, Mariposa County, California**  
**TLALOCITE – Moctezuma Mine, Moctezuma District, Sonora, Mexico T**  
**TLAPALLITE - Bambollita Mine, Moctezuma District, Sonora, Mexico T**  
**TOBERMORITE - Crestmore Quarry, near Riverside, Riverside County, California**  
**TOCORNALITE - Padre Kino Mine, Trigo Mountains, La Paz County, Arizona**  
**TODOROKITE – 0.6 Mi. No. of DeBely Mine, Death Valley National Monument, Inyo County, California**  
**TODOROKITE - 1/2 Mi. So. of Sausalito, Marin County, California**  
**TODOROKITE - 20 Mule Team Canyon Mine, Death Valley, Inyo County, California**  
**TODOROKITE – Mamatwan Mine, Kalahari Mn Field, Northern Cape Province, South Africa**  
**TODOROKITE – Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey**

**TOKKOITE** - Chara River Area, Murunskii Massif, N.W. Aldan, Siberia, Russia  
**TORBERNITE** – Les Bois-Noirs Mining Claim, Saint-Priest-la-Prugne, Loire, Rhone Alpes, France  
**TORBERNITE** – Majuba Fault Zone, Lower Adit, Majuba Hill, Pershing County, Nevada  
**TORBERNITE** - Shinkolobwe Mine, Katanga Copper Zone, Shaba Province, Zaire – See Metatorbernite  
**TORNEBOHMITE**-(Ce) - Bastnaes Mine, Riddarhyttan, Vastmanland, Sweden T  
**TREMOLITE** - Big Cottonwood Mine, Big Cottonwood District, Wasatch Mountains, Salt Lake County, Utah  
**TREMOLITE** - Furnace Quarry, Franklin, Sussex County, New Jersey  
**TREMOLITE** - Witkop Mine, Ottoshoop District, Northwest Province, Republic of South Africa  
**TREVORITE** - near Scotia Talc Mine, Barberton Mountain Land, Transvaal, Rep. of South Africa  
**TREVORITE** – near Scotia Talc Mine, Barberton Mountain Land, Transvaal, Rep. of South Africa  
**TRIDYMIT**E - Kajia-Kanagawa Ken, Honshu, Japan  
**TRIDYMIT**E - Smith Peak Road, N. of Portola, Plumas County, California  
**TRIDYMIT**E - Vehec, Slanske Vrchy Mountains, Eastern Slovakia, Czechoslovakia  
**TRIPHUYITE** – Nador n'Bails Mine, Djebel Nador, Guelma, Qacentine (Constantine), Constantine Province, Algeria  
**TRIPLITE** - Abravazes, Beira Alta Province, Portugal  
**TRIPLITE** - El Criollo Mine, Cerro Blanco District, Tanti, Cordoba, Argentina – See Bermanite  
**TRIPLITE** - Tremearne Cliff, Breage, Cornwall, England  
**TRIPLOIDITE** - Capoeira Mine, near Parelhas, Rio Grande do Norte, Brazil  
**TRITOMITE**-(Ce) - Norra Karr Complex, near Granna, Ostergotsland, Sweden  
**TROILITE** - Alta Mine, near Crescent City, Del Norte County, California T  
**TROLLEITE** - Champion Mine, White Mountains, Mono County, California  
**TRONA** – Searles Lake, San Bernardino County, California  
**TRONA** - So. of Laramie, Green River Formation, Wyoming  
**TSAREGORODTSEVITE** - Mun-Hambo, North Urals, Hanty-Manskiisky Autonomous District, Russia T  
**TSCHERMIGITE** - Zastavka, near Brno, Moravia, Czech. Republic  
**TSCHERNICHITE** - Neer Road Pit, Goble, Columbia County, Oregon T  
**TSUMCORITE** - Tsumeb, Namibia T  
**TSUMEBITE** - Blue Bell Mine, near Baker, San Bernardino County, California  
**TSUMOITE** – Bjorkdals Mine, Skelleftea, Sweden  
**TSUMOITE** - Tyrong Auz (Tyrnyauz), Caucasus Mountains, Russia  
**TUGTUPITE** - Kvanefjeld, Ilimaussaq, Greenland  
**TUGTUPITE** - Tugtup Agtakorfia, Ilimaussaq, Greenland  
**TUNDRITE**-(Ce) - Mt. Yumiechorr, Khibina Massif, Kola Peninsula, Russia  
**TUNELLITE** - Boron Open Pit, Boron, Kern County, California T  
**TUNELLITE** (Barian) - Boron Mine, Boron, Kern County, California T  
**TUNGSTENITE-3R** - Emma Mine, Little Cottonwood District, Salt Lake County, Utah T  
**TUNGUSITE** - Rt. Bank of the Lower Tunguska River, near Tura, Siberia, Russia T  
**TUNISITE** - near Condorcet, Drome, France  
**TUPERSSUATSIAITE** - Aris, near Windhoek, Namibia  
**TUPERSSUATSIAITE** - Kangerdluarssuk, Ilimaussaq, Greenland T  
**TURANITE** - near Manhattan, Nye County, Nevada  
**TURNEAUREITE** - 2500' Level, ZCA #4 Mine, Balmat, St. Lawrence County, New York  
**TURQUOISE** - Bishop Mine, Lynch Station, Campbell County, Virginia  
**TURQUOISE** - Gunheath China Clay Pit, St. Austell, Cornwall, England  
**TURQUOISE** – Karkaralinsk, Karkaralinsk Rayon, Karagandy Province, Kazakhstan  
**TURQUOISE** (Ferrian) – Kintore Opencut, Broken Hill, New South Wales, Australia  
**TURQUOISE** Var. Rashleighite - Bunny Mine, St. Austell, Cornwall, England  
**TUSCANITE** - Latera Caldera, Pitigliano, Tuscany, Italy T  
**TUSCANITE** - Sacrofano, Lazio, Italy  
**TYCHITE** - Borax Lake, Lake County, California  
**TYROLITE** – 150' Level, Gold Hill Mine, Tooele County, Utah  
**TYROLITE** – Copper Stope, Majuba Hill, Pershing County, Nevada  
**TYROLITE** - Gortdrum Mine, County Tipperary, Ireland  
**TYROLITE** – Peavine Mountain, near Reno, Washoe County, Nevada  
**TYRELLITE** - Eagle Claims, near Hal Lake, Beaverlodge Lake area, Saskatchewan, Canada  
**TYUYAMUNITE** - Grants District, McKinley/Valencia County, New Mexico  
**TYUYAMUNITE** – Mi Vida Mine, Big Indian District, San Juan County, Utah  
**TYUYAMUNITE** – Monument # 1 Mine, Monument Valley, Apache County, Arizona  
**TYUYAMUNITE** – Monument # 2 Mine, Monument Valley, Apache County, Arizona  
**TYUYAMUNITE** - Rattlesnake Mine, Big Indian District, San Juan County, Utah

**UINTAHITE** - Uinta Valley, near Fort Duchesne, Utah T - See GILSONITE  
**ULEXITE** - Sterling Borax Mine, Tick Canyon, Los Angeles County, California  
**ULEXITE** – Xiao Qaidam Salt Lake, Haixi Autonomous Prefecture, Qinghai Province, China  
**ULLMANNITE** - Ramsbeck Mine, Dornberg, Sauerland, Germany  
**UMANGITE** - Eagle Claims, Beaverlodge Lake area, Saskatchewan, Canada

UMBITE - Mt. Yukspor, Khibiny Massif, Kola Peninsula, Russia  
URALOLITE - Brandruecken, Koralpe, Carinthia, Austria  
URANINITE - "A" Group, Inter-River/Green River Area, Emery County, Utah  
URANINITE - "C" Group, Inter-River/Green River Area, Emery County, Utah  
URANINITE - 4th Level, Bukov Mine, near Tisnova, Western Moravia, Czechoslovakia  
URANINITE - 7 Mile Claim, near Moab, Grand County, Utah  
URANINITE - Ace-Fay Uranium Mine, Beaverlodge Region, Saskatchewan, Canada  
URANINITE - Allen #2, Red Canyon District, San Juan County, Utah  
URANINITE - Allen Mica Mine, Alstead, Cheshire County, New Hampshire  
URANINITE - Aubrey Ladwig Lease, Golden Gate Canyon, Jefferson County, Colorado  
URANINITE - Blue Lizard Mine, White Canyon District, San Juan County, Utah  
URANINITE - Branchville, Fairfield County, Connecticut  
URANINITE - Buckwheat Dump, Franklin, Sussex County, New Jersey  
URANINITE - Cardiff Uranium Mine, near Cardiff Township, Haliburton County, Ontario, Canada  
URANINITE - Continental Uranium Mine #1, So. Powder River Basin Uranium District, Converse Co., Wyoming  
URANINITE - Copper Mountain Mine, So. of St. George, Washington Co., Utah  
URANINITE - Delta Mine (Pick Mine), San Rafael District, Emery County, Utah  
URANINITE - E.L. Cord Mine, Big Indian Wash, San Juan County, Utah  
URANINITE - Faraday Township, Bancroft, Ontario, Canada  
URANINITE - Gatineau, Hull, Quebec, Canada  
URANINITE - Great Bear Lake, Mackenzie District, North West Territories, Canada  
URANINITE - Happy Jack Mine, White Canyon District, San Juan County, Utah  
URANINITE - Haystack Mine, Ambrosia Lake Area, Grants District, McKinley County, New Mexico  
URANINITE - Hideout Mine, White Canyon District, San Juan County, Utah  
URANINITE - Hurd Park #2 Quarry, Haddam Neck, Middlesex County, Connecticut  
URANINITE - Jachymov (Joachimstahl), Northwestern Bohemia, Czech. Republic  
URANINITE - John Salak Quarry, Higganum, Middlesex County, Connecticut  
URANINITE - Kamoto Mine, near Kolwezi, Shaba Province, Zaire  
URANINITE - La Sal #2, Big Indian Wash, San Juan County, Utah  
URANINITE - Little Indian No. 36 Mine, Indian Creek Area, Saguache County, Colorado  
URANINITE - Lookout No. 22 Claim, Marshall Pass District, Saguache County, Colorado  
URANINITE - Maybe Mine, Red Canyon District, San Juan County, Utah  
URANINITE - Maybe Mine, San Rafael District, Emery County, Utah  
URANINITE - Mi Vida Mine, Big Indian District, San Juan County, Utah  
URANINITE - Monument #2 Mine, Monument Valley, Apache County, Arizona  
URANINITE - Musonoi Mine, near Kolwezi, Shaba Province, Zaire  
URANINITE - near Willard, Box Elder County, Utah  
URANINITE - North Workings, Monument #2 Mine, Monument Valley, Apache County, Arizona  
URANINITE - Orphan Mine, Grand Canyon, Coconino County, Arizona  
URANINITE - Petrovice, Central Moravia, Czech. Republic  
URANINITE - Pribram, Central Bohemia, Czech. Republic  
URANINITE - Prospector No. 1 Mine, Marysvale, Piute County, Utah  
URANINITE - Rattlesnake Mine, Big Indian District, San Juan County, Utah  
URANINITE - Red Canyon District, San Juan County, Utah  
URANINITE - Richardson Mine, Wilberforce, Ontario, Canada  
URANINITE - Rock Landing Quarry, Haddam Neck, Middlesex County, Connecticut  
URANINITE - Rossing Mine, near Arandis, Namibia  
URANINITE - Royal 4 Claim, Indian Creek Area, Saguache County, Colorado  
URANINITE - Ruggles Mine, Grafton Center, Grafton County, New Hampshire  
URANINITE - Shattuck-Denn Mine, Club Mesa, Montrose County, Colorado  
URANINITE - Shinarump No. 1B Mine, Seven Mile Canyon, Grand County, Utah  
URANINITE - Shinkolobwe Mine, Shaba Province, Democratic Republic of the Congo (Zaire)  
URANINITE - Skrdlovice, West-Central Moravia, Czech. Republic  
URANINITE - Spook Mine, Red Canyon District, San Juan County, Utah  
URANINITE - Spruce Pine Mining District, Mitchell County, North Carolina  
URANINITE - Standpipe Hill, Topsham, Sagadahoc County, Maine  
URANINITE - Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
URANINITE - Svornost Mine, Jachymov (Joachimstahl), Northwest Bohemia, Czechoslovakia  
URANINITE - Swamp # 1 Quarry, Topsham, Sagadahoc County, Maine  
URANINITE - Uranium Mine # 16, Pribram-Haje, Bohemia, Czech. Republic  
URANINITE - Utex Mine, Big Indian Wash, San Juan County, Utah  
URANINITE - W.N. Mine, Deer Flats, White Canyon District, San Juan County, Utah  
URANINITE - White Rocks Quarry, Middletown, Middlesex County, Connecticut  
URANINITE - Wilberforce, Ontario, Canada  
URANINITE - Yellow Cat District, Grand County, Utah

URANINITE (replacing wood) – Happy Jack Mine, White Canyon District, San Juan County, Utah  
URANINITE (replacing wood) - Huskin #7 Mine, Coconino County, Arizona  
URANINITE (replacing wood) – La Sal # 2 Mine, Big Indian Wash, San Juan County, Utah  
URANINITE (replacing wood) – Maybe Mine, Red Canyon District, San Juan County, Utah  
URANINITE (replacing wood) – Saguache County, Colorado  
URANOCIRCITE - Bergen, near Falkenstein, Vogtland, Saxony, Germany T  
URANOPHANE – "A" Group, Inter-River/Green River Area, Emery County, Utah  
URANOPHANE – Eagle Pass, Maverick County, West Texas  
URANOPHANE - Hanosh Mine, Grants District, McKinley/Valencia County, New Mexico  
URANOPHANE – Happy Jack Mine, White Canyon District, San Juan County, Utah  
URANOPHANE - John Salak Quarry, Higganum, Middlesex County, Connecticut  
URANOPHANE - Lookout #22 Mine, Marshall Pass, Saguache County, Colorado  
URANOPHANE - Meschelgrun, Vogtland, Germany  
URANOPHANE – Monument # 2 Mine, Monument Valley, Apache County, Arizona  
URANOPHANE - Rock Landing Quarry, Haddam Neck, Middlesex County, Connecticut  
URANOPHANE – Rossing Mine, Arandis, Arandis District, Erongo Region, Namibia  
URANOPHANE-β - Aubrey Ladwig Lease, Golden Gate Canyon, Jefferson County, Colorado  
URANOPHANE-β – Belson-Gibfry Mine, near Lake City, Hinsdale County, Colorado  
URANOPHANE-β - Bergen, near Falkenstein, Vogtland, Saxony, Germany  
URANOPHANE-β – near Reno, Washoe County, Nevada  
URANOPHANE-β - Ruggles Mine, Grafton Center, Grafton County, New Hampshire  
URANOPHANE-β – San Cristobal Pegmatite, North of Santander, Colombia  
URANOPHANE-β – Buckhorn Mine, Hallelujah Junction, Lassen County, California  
URANOPHANE-β - Goanikontes Claim, Arandis, Swakopmund District, Erongo Region, Namibia  
URANOPILITE - Apex Mine, Lander County, Nevada  
URANOPILITE - Happy Jack Mine, White Canyon District, San Juan County, Utah  
URANOPILITE – Midnite Mine, Willpinit, Spokane Indian Reservation, Stevens County, Washington  
USSINGITE - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
USSINGITE – Taseq Slope, Ilimaussaq, Greenland  
UVAROVITE – Koh-e-Tizabi, Taghonak, Andarab District, Baghlan Province, Afghanistan  
UVITE – Pomba pit, Serra das Éguas, Brumado, Bahia, Brazil  
UYTENBOGAARDTITE - Bullfrog Mine, Rhyolite District, Nye County, Nevada

VAESITE - 79 Level, Shinkolobwe Mine, Shaba Province, Zaire  
VAESITE - Castellucci di Moscheda, Bologna, Italy  
VALENTINITE – Bishop Antimony Mine, near Bishop, Inyo County, California  
VALENTINITE – San Jose Mine, Dept. of Oruro, Bolivia  
VALENTINITE - Sanza Mine, Constantine, Algeria  
VALENTINITE – Sombrerete, State of Zacatecas, Mexico  
VALENTINITE - Tom Moore Mine, Erskine Creek Mining District, Kern County, California  
VALLERIITE - Continental Mine, Fierro, Grant County, New Mexico  
VALLERIITE - Oktyabrskiy Mine, Talnakh, Noril'sk Region, Siberia, Russia  
VALLERIITE – Palabora Mine, Phalaborwa, Transvaal, South Africa  
VALLERIITE - Palabora Open Pit, Phalaborwa, Transvaal, Rep. of South Africa  
VALLERIITE - Pima Mine, Pima District, Pima County, Arizona  
VANDENBRANDEITE - Musonoi Mine, Kolwezi, Shaba Province, Zaire  
VANDENDRIESSCHEITE – Mindola Mine, Morogoro District, Uluguru Mts., Tanganyika  
VANOXITE - VanNavSan Claim, Fish Creek Range, Gibellini District, Eureka Co., Nevada  
VANTASSELITE - Bihain, Stavelot Massif, Belgium T  
VANURALITE - Mounana Uranium Mine, Dept. Haut-Ogoue, Republic of Gabon T  
VARISCITE - Boa Vista Mine, Galileia, Minas Gerais, Brazil  
VARISCITE - de Linde Pits, Avant, Garland Co., Arkansas  
VARISCITE (Cobaltian) – Nsuta Mine, Nsuta, Ghana  
VARLAMOFFITE - Hingston Quarry, Callington, Cornwall, England - See CASSITERITE Var. Varlamoffite  
VAUQUELINITE – Killie Mine, Spruce Mountain District, Elko County, Nevada  
VAUQUELINITE – Obercallenberg, near Glauchau, Saxony, Germany  
VAUXITE – Big Chief Mine, near Keystone, Pennington County, South Dakota  
VAUXITE - Llallagua, Potosi, Bolivia T  
VAUXITE – Siglo XX Mine, Llallagua, Potosi Department, Bolivia T  
VAYRYNENITE - Viitaniemi, Erajärvi, Finland  
VEATCHITE - 1360 Level, 2S Drift, Billie Mine, Death Valley N.M., Inyo County, California  
VEATCHITE – Sterling Borax Mine, Tick Canyon, Los Angeles County, California T  
VERPLANCKITE - Esquire No. 7 Mine, Big Creek, Fresno County, California T  
VERSILIAITE - Buca della Vena Mine, Lucca Province, Tuscany, Italy - See APUANITE  
VESIGNIEITE – Bisbee, Cochise County, Arizona  
VESIGNIEITE - Edelweiss Mine, Burra-Burra District, S.A., Australia



**VESIGNIEITE** – Bunker Hill Mine, Sombrero Butte District, Pinal County, Arizona  
**VESIGNIEITE** – Southwest Mine, Bisbee, Cochise County, Arizona  
**VESUVIANITE** (Ce-rich) – Perovskite Peak, So. of the Benitoite Gem Mine, So. San Benito Co., California  
**VESUVIANITE** Var. Cyprine – Franklin, Sussex County, New Jersey  
**VESUVIANITE** Var. Cyprine – Sauland, Hjartdal, Telemark, Norway  
**VESZELYITE** – Black Pine Mine, near Philipsburg, Granite County, Montana  
**VESZELYITE** – Laochang Mine, Gejiu County, Honghe Autonomous Prefecture, Yunnan Province, China  
**VILLAMANINITE** - near Villamanin, Carmenes District, Leon Province, Spain T  
**VILLIAUMITE** – Aris Mine, Approx. 20 Miles So. of Windhoek, Namibia  
**VILLIAUMITE** – Mt. Alluaiv, Lovozero Massif, Kola Peninsula, Russia  
**VILLIAUMITE** - Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia  
**VILLIAUMITE** - Mt. Rasvumchorr, Khibiny Massif, Kola Peninsula, Russia  
**VILLIAUMITE** - Rouma, Isles de Los, Guinea  
**VIOLARITE** - Kambalda, W.A., Australia  
**VIOLARITE** – Perseverance Mine, 37 Km. N.E. of Agnew, W.A., Australia  
**VISEITE** - Champion Mine, White Mountains, Mono County, California  
**VITUSITE**-(Ce) - Nye Kvanefjeldstunnel, Ilimaussaq, Greenland  
**VIVIANITE** Var. Oxykerchenite - Kerch Peninsula, Crimea Oblast, Ukraine  
**VLASOVITE** - Kipawa Complex, Villedieu Township, Quebec, Canada  
**VOGLITE** – White Canyon No. 1 Mine, Frey Point, White Canyon Mining District, San Juan County, Utah  
**VOLBORTHITE** – Douglas Hill Copper Mine, Yerington District, Lyon County, Nevada  
**VOLBORTHITE** – Douglas Hill Copper Mine, Yerington District, Lyon County, Nevada  
**VOLBORTHITE** - Kara-Mazar, Tajikistan  
**VOLBORTHITE** - Monument # 2 Mine, Monument Valley, Apache County, Arizona  
**VOLBORTHITE** - near Moab, Emery County, Utah  
**VOLBORTHITE** - Vanadium Queen Mine, La Sal, San Juan County, Utah  
**VOLKONSKOITE** - Froland, near Arendal, Southern Norway  
**VOLKONSKOITE** - near Efimyatskaya, Perm Region, Ural Mountains, Russia  
**VOLKOVSKITE** - Jurassic Louann Salt, Clarke County, Alabama  
**VONSENITE** - Monchi Mine, Burguillos del Cerro, Badajoz Province, Spain  
**VONSENITE** – New City Quarry, near Riverside, Riverside County, California  
**VONSENITE** – Unnamed Borate occurrence, Monterey County, California  
**VRBAITE** - near Lookout Pass, Southeastern Tooele County, Utah  
**VUAGNATITE** - Red Mountain, Mendocino County, California T  
**VUONNEMITE** - Mt. Umbozera, Lovozero Massif, Kola Peninsula, Russia  
**VYSOTSKITE** – Noril'sk Deposit, Western Siberia, Russia  
**VYUNTSPAKHKITE**-(Y) - Vyuntspakh, Keivy, Kola Peninsula, Russia

**WADEITE** - Mt. Eveslogchorr, Khibiny Massif, Kola Peninsula, Russia  
**WADEITE** - Walgidee Hills Intrusion, W.A., Australia  
**WAKABAYASHILITE** - Khaidarkan (Hajdarkan), Kirgizstan (Kirgizia), Uzbekistan  
**WAKEFIELDITE**-(Ce) - Yellow Lake, British Columbia, Canada  
**WALENTAITE** - White Elephant Mine, between Custer and Pringle, Custer County, South Dakota T  
**WALPURGITE** – Schneeberg, Saxony, Germany  
**WALSTROMITE** - Esquire No. 8 Mine, Big Creek, Fresno County, California T  
**WARDITE** – Lavra da Ilha, Taquaral, Minas Gerais, Brazil  
**WARDITE** - Little Green Monster Mine, near Fairfield, Utah County, Utah  
**WARDITE** - Perga, Ukraine Region, Russia  
**WARDITE** - Rapid Creek, Big Fish River-Rapid Creek Area, Yukon Territory, Canada  
**WARWICKITE** - Warwick, Orange County, New York T  
**WATTERSITE** - Clear Creek Claim, Southern San Benito County, California T  
**WAVELLITE** – Cancaniri Mine, near Siglo XX Adit, Llallagua, Potosi Department, Bolivia  
**WEBERITE** – Inexo Mine, Jamestown District, Boulder County, Colorado  
**WEBERITE** - Ivigtut, Arsuk-Fjord, Southwest Greenland  
**WEBERITE** – Perga, Ukraine  
**WEEKSITE** - Anderson Mine, Yavapai County, Arizona  
**WEEKSITE** – Anderson Mine, Yavapai County, Arizona  
**WEEKSITE** - Autunite # 8 Mine, Thomas Range, Juab County, Utah T  
**WEILERITE** – Magnet Mine, Dundas, Tasmania, Australia  
**WEINSCHENKITE** - 1/2 Mile So. of Sausalito, Marin County, California - See CHURCHITE-(Y)  
**WEINSCHENKITE** – Auerbach, Oberpfalz, Bavaria, Germany – See CHURCHITE-(Y)  
**WEINSCHENKITE** - Garies, Cape Province, Republic of South Africa - See CHURCHITE-(Y)  
**WEINSCHENKITE** - Indian Mountain, Cherokee County, Alabama – See CHURCHITE-(Y)  
**WEINSCHENKITE** - South River Mine, Rockbridge County, Virginia - See CHURCHITE-(Y)  
**WELOGANITE** - Francon Quarry, Montreal, Quebec, Canada  
**WELSHITE** - Langban, Varmland, Sweden T

**WENDWILSONITE** – Arhbar Mine, Bou Azzer, Anti-Atlas Mountains, Morocco  
**WESTERVELDITE** - Kvanefjeld, Ilimaussaq, Greenland  
**WHELANITE** - Bawana Mine, Milford, Beaver County, Utah T  
**WHELANITE** - Christmas Mine, near Hayden, Gila County, Arizona  
**WHERRYITE** – Mammoth-St. Anthony Mine, Tiger, Pinal County, Arizona  
**WHEWELLITE** – Pirineus Mine, Itinga, Minas Gerais, Brazil  
**WHITEITE-(CaFeMg)** - Crosscut Creek, Big Fish River Area, Yukon Territory, Canada  
**WHITLOCKITE** – Big Fish River Area, Yukon Territory, Canada  
**WHITLOCKITE** – Big Fish River, Yukon Territory, Canada  
**WHITLOCKITE** - Tip Top Mine, Custer County, South Dakota  
**WICKENBURGITE** - Potter-Cramer Claim, Maricopa County, Arizona  
**WICKSITE-like mineral** - Bull Moose Mine, near Pringle, South Dakota T  
**WIDEMANNITE** – Příbram, Bohemia, Czech Republic  
**WIGHTMANITE** – Crestmore Quarry, Riverside, Riverside County, California  
**WILKEITE** - Crestmore Quarry, near Riverside, Riverside County, California - See **FLUORELLESTADITE**  
**WILKINSONITE** – Warrumbungle Volcano, New South Wales, Australia T  
**WILLEMSITE** - Scotia Talc mine, Bon Accord, Barberton District, Mpumalanga Province, South Africa T  
**WILLHENDERSONITE** - S. Venzano Quarry, Terni, Central Italy T  
**WILUITE** – Wilui (Vilui) River, Sakha Republic (Yakutia), Russian Federation T  
**WINCHITE** - Tirodi Mines, Madhya Pradesh, Central Provinces, India  
**WINSTANLEYITE** – Grand Central Mine, near Tombstone, Cochise County, Arizona  
**WITTICHENITE** - GruBe Daniel, near Wittichen, Schwarzwald (Black Forest), Baden, Germany T  
**WITTICHENITE** - Schmiedestollen, near Wittichen, Schwarzwald (Black Forest), Baden, Germany T  
**WITTITE** - Ostra Hardmalmen Orebody, Falun, Sweden  
**WODGINITE** - Tanco Pegmatite, Manitoba, Canada  
**WOHLERITE** - Kipawa River, Villedieu Township, Quebec, Canada  
**WOHLERITE** - Risoya, Langesundsfjorden, Norway  
**WOHLERITE** - Saga I Quarry, Tvedalen, Langesundsfjord Area, Norway  
**WOHLERITE** - Skudesundsjaer, Langesundsfjord, Norway  
**WOLFEITE** - 87 Meter Level, Hagedorf Mine, Oberpfalz, Bavaria, West Germany  
**WOLFEITE** - Big Fish River Area, Yukon Territory, Canada  
**WOLFEITE** – Palermo #1 Mine, North Groton, Grafton County, New Hampshire  
**WOLLASTONITE** – 600' Level, Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey  
**WOLLASTONITE-2M** - Crestmore Quarry, near Riverside, Riverside County, California  
**WOLSENDORFITE** - Wolsendorf, Oberfranken, Bavaria, West Germany T  
**WOLSENDORFITE** – Zalesi U Javornika, Czechoslovakia  
**WOODHOUSEITE** - Champion Mine, White Mountains, Mono County, California T  
**WOODWARDITE** - Allihies Mine, County Cork, Southern Ireland  
**WOODWARDITE** - Cornwall, England T  
**WOODWARDITE** - Maid of Sunshine Mine, Cochise County, Arizona  
**WOODWARDITE** Var. Enysite - St. Agnes, Cornwall, England  
**WROEWOLFEITE** - Bastnaes Mine, Riddarhyttan, Vastmanland, Sweden  
**WURTZITE** – Butte, Silver Bow County, Montana  
**WURTZITE** – Huanzala, Huallanca District, Huanuco Dept., Peru  
**WURTZITE** – Negley, Columbiana County, Ohio  
**WURTZITE** – Polmourkany Mine, Kolchoz, Poland  
**WURTZITE** – Porvenir Mine, Huanuni, Dept. of Oruro, Bolivia  
**WURTZITE** – San Jose Mine, Dept. Oruro, Bolivia  
**WURTZITE** Var. Cd-Wurtzite - Tsumeb, Namibia  
**WURTZITE-2H** – Mina San Francisco, Poopo, Bolivia

**XANTHOCONITE** – Imiter Mine, Jbel Sarhro, Anti-Atlas Mts., Morocco – See **PROUSTITE**  
**XANTHOPHYLLITE** – Crestmore Quarry, Riverside Co., California - See **CLINTONITE**  
**XANTHOPHYLLITE** – Mt. Lake Mine, near Brighton, Utah – See **CLINTONITE**  
**XANTHOXENITE** – Bull Moose Mine, near Custer, Custer County, South Dakota  
**XANTHOXENITE** – Palermo Mine, North Groton, Grafton County, New Hampshire  
**XENOTIME-(Y)** – Clara May Mine, Trout Creek Pass, Chaffee County, Colorado  
**XENOTIME-(Y)** – Novo Horizonte, Bahia, Brazil  
**XOCOMEATLITE** – Bambollita Mine, Moctezuma District, Sonora, Mexico  
**XONOTLITE** – Franklin, Sussex County, New Jersey  
**XONOTLITE** – N'Chwaning II Mine, Kalahari Mn Field, Northern Cape Province, South Africa  
**XONOTLITE** – Point Sal, near Vandenberg Air Force Base, Santa Barbara County, California  
**XONOTLITE** - Point Shivery, near Cox's Cove, Bay of Islands, Newfoundland, Canada  
**XONOTLITE** - Wessels Mine, Kalahari Manganese Field, Northern Cape Province, Republic of South Africa

YANOMAMITE - Periquito Mine, Monte Alegre de Goias, State of Goias, Brazil  
YARROWITE - Yarrow Creek, S.W. Alberta, Canada T - See SPIONKOPITE  
YODERITE - Mautia Hill, Central Province, Tanzania T  
YOSHIKAWAITE - Yoshikawa, Shinshiro Shi, Aichi Pref., Japan - See DYPINGITE  
YOSHIMURAITE - Taguchi Mine, Shidara, Kitashidara-gun, Aichi Prefecture, Japan  
YTTROFLUORITE – Innhavet, Hamaroy, Nordland, Norway  
YTTROTITANITE – See TITANITE Var. Yttrotitanite – Arendal, Aust-Agder, Norway  
YUGAWARALITE – Khandivali Quarry, near Bombay, India  
YUGAWARALITE – Yugawara Hot Spring, Kanagawa Prefecture, Japan T  
YUKONITE - Dolores Mine, Pastrana, Murcia, Spain – See BARAHONAITE-(Fe)  
YUKSPORITE - Mt. Yukspor, Khibiny Massif, Kola Peninsula, Russia T

ZALESIITE – Zalesi u Javornika, Czech. Republic T  
ZANAZZIITE - Lavra da Ilha Pegmatite, N.E. of Taquaral, Minas Gerais, Brazil T  
ZAPATALITE – La Fortuna Mine, Agua Prieta, Sonora, Mexico  
ZAPATALITE – N.W. of Cerro Morita, S.W. of Agua Prieta, Sonora, Mexico T  
ZARATITE - Lord Brassey Nickel Mine, Heazlewood, Tasmania, Australia  
ZELLERITE – Lucky Mc Mine, Fremont County, Wyoming T  
ZEMANNITE – Moctezuma Mine, Moctezuma District, Sonora, Mexico  
ZEUNERITE - Copper Stope, Majuba Hill, Pershing County, Nevada  
ZEUNERITE – Rivieral, Lodeve, Hérault Dept., France  
ZEUNERITE - Weisser Hirsch Mine, Schneeberg, Saxony, Germany  
ZINCITE – New Jersey Zinc Company Mine, Franklin, Sussex County, New Jersey  
ZINKENITE - "D" Vein, 220 Level, San Jose Mine, Dept. of Oruro, Bolivia  
ZINKENITE - 800' Level, Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
ZINKENITE - 900' Level, Sterling Hill Mine, Ogdensburg, Sussex County, New Jersey  
ZINKENITE – Itos Mine, Dept. Oruro, Bolivia  
ZINKENITE – La Libertad Mine, Quiruvilca, near Trujillo, Libertad, Peru  
ZINKENITE – Wolfsberg, Harz Mountains, Germany  
ZINNWALDITE – Naegi District, Gifu-Ken, Honshu, Japan  
ZIPPEITE – Apex Mine, Lander County, Nevada  
ZIPPEITE - Grants District, McKinley/Valencia County, New Mexico  
ZIPPEITE - Happy Jack Mine, White Canyon District, San Juan County, Utah  
ZIPPEITE – Mi Vida Mine, Big Indian District, San Juan County, Utah  
ZIPPEITE – Parco 23 Claim, Yellow Cat District, near Thompson, Grand County, Utah  
ZIPPEITE - Ujezd, near Kasejovice, Southwestern Bohemia, Czechoslovakia - See URANINITE  
ZIRCON Var. Cyrtolite - Little Patsy Pegmatite, South Platte District, Jefferson Co., Colorado  
ZIRCONOLITE (Polymignite) – Staalaker, Tjølling, Norway  
ZIRKELITE - Palabora Open Pit, Phalaborwa, Transvaal, Republic of South Africa  
ZIRSILITE-(Ce) – Dara-I-Pioz Valley, Garm Region, So. Tien-Shan Mountains, Tajikistan  
ZNUCALITE – Příbram, Bohemia, Czechoslovakia  
ZOISITE Var. Chrome Zoisite – Merkerstein, Tanzania  
ZOISITE Var. Thulite - Lac Remigny, Quebec, Canada  
ZOISITE Var. Thulite - Lom, Oppland, Norway  
ZORITE - Jubilee Pegmatite, Mt. Karnasurt, Lovozero Massif, Kola Peninsula, Russia T  
ZUNYITE - Big Bertha Mine, Dome Rock Mountains, La Paz County, Arizona  
ZUNYITE - near Postmasburg, Griqualand West, Republic of South Africa  
ZUSSMANITE - Longvale Quarry, near Laytonville, Mendocino County, California T  
ZVYAGINTSEVITE – Konder Massif, Ayano-Mayskiy Region, Krabarovsk Kray, Russia  
ZWIESELITE - Mangualde, Beira Alta Province, Portugal  
ZYKAITE - Jachymov, Northwest Bohemia, Czech. Republic