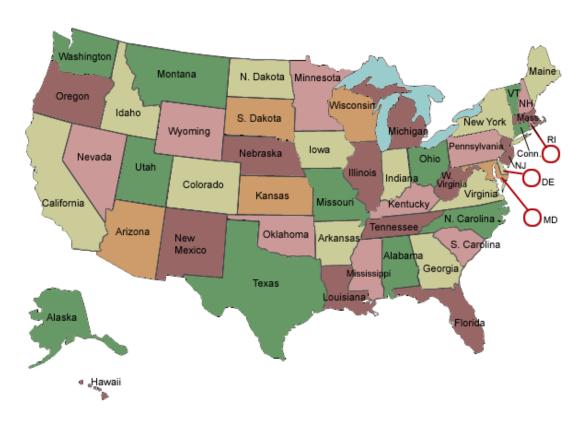
# **Type Locality Minerals of the United States of America**

# 995 Valid Type Locality Specimens 2868 Valid Minerals (All Data taken from www.MINDAT.ORG)



#### The 50 States of the United States of America

Alabama Montana Alaska Nebraska Arizona Nevada Arkansas New Hampshire California New Jersey Colorado New Mexico Connecticut New York Delaware North Carolina Florida North Dakota Georgia Ohio Hawaii Oklahoma Idaho Oregon Illinois Pennsylvania Rhode Island Indiana South Carolina lowa South Dakota Kansas Tennessee Kentucky Louisiana Texas Maine Utah Maryland Vermont Massachusetts Virginia Washington Michigan Minnesota West Virginia Mississippi Wisconsin Wyoming Missouri

### Type Locality Specimens – Alabama

No Valid Type Locality Specimens 189 Valid Minerals

#### Type Locality Specimens – Alaska

7 Valid Type Locality Specimens 417 Valid Minerals

Aluminocopiapite - Mosquito Fork, Forty Mile River, Southeast Fairbanks Census Area,

Alaska, USA

- Temple Mountain Mining District, Emery County, Utah, USA

Bowieite - Salmon River - Red Mountain District, Goodnews Bay, Bethel Census

Area, Alaska, USA

Gillespite - Dry Delta, Alaska Range, Yukon-Koyukuk Census Area, Alaska, USA Hulsite

- Brooks Mountain, Port Clarence Mining District, Nome Census Area,

Alaska, USA

Mertieite - Fox Gulch, Salmon River - Red Mountain District, Goodnews Bay,

Bethel Census Area, Alaska, USA

- Fox Gulch, Salmon River - Red Mountain District, Goodnews Bay, **Pseudomertieite** 

Bethel Census Area, Alaska, USA

Schoenfliesite - Brooks Mountain, Port Clarence Mining District, Nome Census Area,

Alaska, USA

#### Type Locality Specimens – Arizona

112 Valid Type Locality Specimens (Includes 3 FRL)

955 Valid Minerals

3 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Ajoite - New Cornelia Mine, Ajo, Little Ajo Mountains, Ajo Mining District,

Pima County, Arizona, USA

- 125 foot level, Rowley Mine, Theba, Painted Rock Mining District, Allantoin

Painted Rock Mountains, Maricopa County, Arizona, USA

Alterite - Alterite type locality, Cliff Dwellers Lodge, Vermillion Cliffs Mining

District, Coconino County, Arizona, USA

- Hillside Mine, Bozarth Mesa, Bagdad, Eureka Mining District, Yavapai Andersonite

County, Arizona, USA

Antlerite - Antler Mine, Pine Peak, Hualapai Mining District, Hualapai

Mountains, Mohave County, Arizona, USA

**Apachite** - Christmas Mine, Christmas, Banner Mining District, Gila County,

Arizona, USA

- Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke, Aravaipaite

Aravaipa Mining District, Graham County, Arizona, USA

Artroeite - Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke,

Aravaipa Mining District, Graham County, Arizona, USA

Backite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Bayleyite - Hillside Mine, Bozarth Mesa, Bagdad, Eureka Mining District, Yavapai

County, Arizona, USA

Bechererite - Tonopah-Belmont Mine, Belmont Mountain, Tonopah, Osborn Mining

District, Maricopa County, Arizona, USA

Bermanite - 7U7 Ranch (7-U-7 Ranch), Bagdad Mine area, Hillside, Eureka Mining

District, Yavapai County, Arizona, USA

Bideauxite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Bobmeyerite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Brezinaite - Tucson meteorite (Irwin-Ainsa meteorite), Box Canyon, Pima County,

Arizona, USA

Butlerite - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Bütschliite - Grand Canyon National Park, Arizona, USA

- Coolin, Kaniksu National Forest, Bonner County, Idaho, USA

Calcioaravaipaite - Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke,

Aravaipa Mining District, Graham County, Arizona, USA

Carboferriphoxite - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Carmichaelite - Garnet Ridge, Dennehotso, Apache County, Arizona, USA

Chalcoalumite - Holbrook Mine, Copper Queen Mine, Queen Hill, Bisbee, Cochise

County, Arizona, USA

Coconinoite - Huskon No. 7 Mine, Huskon Mines (Huskon group), Cameron,

Cameron Mining District, Coconino County, Arizona, USA

- Sun Valley Mine (Jay Rird claims), Marble Canyon, Vermillion Cliffs

Mining District, Coconino County, Arizona, USA

- Jomac Mine, White Canyon Mining District, San Juan County, Utah,

USA

Coesite - Meteor Crater, Meteor Crater area, Coconino County, Arizona, USA

Coronadite - Horse-Shoe shaft (Horseshoe Mine), Coronado Mine, Coronado

vein, Copper Plate Gulch, Greenlee County, Arizona, USA

Cowlesite - Monte Lake, Kamloops Mining Division, British Columbia, Canada

- Unnamed wash, adjacent to State Route 177, Superior area, Pinal

County, Arizona, USA

- North Table Mountain, Golden, Golden Mining District, Jefferson

County, Colorado, USA

- Neer Road, Goble, Columbia County, Oregon, USA

- Beech Creek Quarry, Mount Vernon, Grant County, Oregon, USA

Creaseyite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Cryptomelane - Tombstone, Tombstone Mining District, Cochise County, Arizona,

USA

Davidbrownite-(NH4)- 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Dendoraite-(NH4) - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Domitrovicite - Western end, Pusch Ridge, Pima County, Arizona, USA

Dugganite - Emerald Mine, Silver Plume Mine, Tombstone Mining District,

Cochise County, Arizona, USA

Ebnerite - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Eddavidite - Southwest Mine, Hendricks Gulch, Bisbee, Cochise County, Arizona,

USA

Edwindavisite - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Emmonsite - Tombstone, Tombstone Mining District, Cochise County, Arizona,

USA

Epiebnerite - Rowley Mine, Theba, Painted Rock Mining District, Painted Rock

Mountains, Maricopa County, Arizona, USA

Evanichite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Fairbankite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Fairchildite - Grand Canyon National Park, Arizona, USA

- Coolin, Kaniksu National Forest, Bonner County, Idaho, USA

Ferriphoxite - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Flaggite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Flagstaffite - Unnamed Petrified Wood occurrence [2], Flagstaff, Coconino

County, Arizona, USA

Georgerobinsonite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Gerhardtite - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Gilalite - Christmas Mine, Christmas, Banner Mining District, Gila County,

Arizona, USA

Girdite (FRL) - Joe Mine, Tombstone Mining District, Cochise County, Arizona, USA

Glecklerite - Western end, Pusch Ridge, Pima County, Arizona, USA

Graemite - Cole Mine, Bisbee, Cochise County, Arizona, USA

Grandreefite - Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke,

Aravaipa Mining District, Graham County, Arizona, USA

Grandviewite - Grandview Mine, Horseshoe Mesa, Grandview Mining District,

Coconino County, Arizona, USA

Guildite - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Haxonite - Toluca meteorite, Jiquipilco (Xiquipilco), Mexico, Mexico

- Canyon Diablo meteorite, Meteor Crater area, Coconino County,

Arizona, USA

Hemihedrite - Florence Mine (Florence Lead Silver Mine), Ripsey Hill area, Ripsey

Mining District, Tortilla Mountains, Pinal County, Arizona, USA

Henryite - Campbell Mine, Bisbee, Cochise County, Arizona, USA

Jeromite (FRL) - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Jimkrieghite - Western end, Pusch Ridge, Pima County, Arizona, USA

Junitoite - Christmas Mine, Christmas, Banner Mining District, Gila County,

Arizona, USA

Jurbanite - San Manuel orebody, San Manuel Mine (Apex Lead & Vanadium

Mining Corp Mine; Quarelli group), San Manuel, San Manuel Mining

District, Pinal County, Arizona, USA

Khinite - Old Guard Mine, Tombstone, Tombstone Mining District, Cochise

County, Arizona, USA

Khinite-3T (FRL) - Emerald Mine, Silver Plume Mine, Tombstone Mining District,

Cochise County, Arizona, USA

Kiddcreekite - Kidd Mine, Kidd Township, Timmins, Cochrane District, Ontario,

Canada

– Campbell Mine, Bisbee, Cochise County, Arizona, USA

Kinoite - Kinoite type locality drill hole, Helvetia-Rosemont Mining District,

Pima County, Arizona, USA

Krinovite - Canyon Diablo meteorite, Meteor Crater area, Coconino County,

Arizona, USA

Laurelite - Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke,

Aravaipa Mining District, Graham County, Arizona, USA

Lausenite - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Lazaraskeite - Western end, Pusch Ridge, Pima County, Arizona, USA

Lianbinite - Western end, Pusch Ridge, Pima County, Arizona, USA

Liudongshengite - 79 Mine, Chilito, Hayden area, Banner Mining District, Gila County,

Arizona, USA

Lonsdaleite - Canyon Diablo meteorite, Meteor Crater area, Coconino County,

Arizona, USA

Luddenite - Unnamed Base Metals prospect [3], Artillery Peak, Artillery

Mountains, Mohave County, Arizona, USA

Luetheite - Humboldt Mine area, Harshaw Mining District, Patagonia Mountains,

Santa Cruz County, Arizona, USA

Macquartite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Magnesioalterite - Cliff Dwellers Lodge, Vermillion Cliffs Mining District, Coconino

County, Arizona, USA

Mammothite - Harakas Cove slag locality, Lavrion slag localities, Lavreotiki, East

Attica, Attica, Greece

– Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger,

Mammoth Mining District, Pinal County, Arizona, USA

Maricopaite - Moon Anchor Mine, Hummingbird Springs, Osborn Mining District,

Maricopa County, Arizona, USA

Markascherite - Childs-Adwinkle Mine (Childs and Altwilkle Mine; Childs-Aldwinkle

Mine), Copper Creek (Copper Creek Canyon), Bunker Hill District

(Copper Creek District), Pinal County, Arizona, USA

Metatyuyamunite - Mesa No. 1 Mine, White Ash Peak, Lukachukai Mining District,

Lukachukai Mountains, Apache County, Arizona, USA

- Laguna Mining District, New Mexico, USA

– Haystack Mine, Ambrosia Lake subdistrict, McKinley County, New

Mexico, USA

- Shiprock District, San Juan County, New Mexico, USA

Moissanite - Canyon Diablo meteorite, Meteor Crater area, Coconino County,

Arizona, USA

Murdochite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Murphyite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Natrosulfatourea - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Navajoite - Monument No. 2 Mine, Monument No. 2 channel, Yazzie Mesa, Cane

Valley Mining District, Apache County, Arizona, USA

Oboyerite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Papagoite - New Cornelia Mine, Ajo, Little Ajo Mountains, Ajo Mining District,

Pima County, Arizona, USA

Paramelaconite - Copper Queen Mine, Queen Hill, Bisbee, Cochise County, Arizona,

USA

Paulkerrite - 7U7 Ranch (7-U-7 Ranch), Bagdad Mine area, Hillside, Eureka Mining

District, Yavapai County, Arizona, USA

Petersite-(Ce) - Cherry Creek Mining District, Black Hills (Black Hill Range), Yavapai

County, Arizona, USA

Phoxite - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Pinalite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Pseudograndreefite - Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke,

Aravaipa Mining District, Graham County, Arizona, USA

Ransomite - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Rasmussenite - Western end, Pusch Ridge, Pima County, Arizona, USA

Raygrantite - Evening Star Mine, Tiger Wash, Tonopah, Osborn Mining District,

Maricopa County, Arizona, USA

Relianceite-(K) - 125 foot level, Rowley Mine, Theba, Painted Rock Mining District,

Painted Rock Mountains, Maricopa County, Arizona, USA

Rongibbsite - Unnamed prospect, Maricopa County, Arizona, USA

Rowleyite - Rowley Mine, Theba, Painted Rock Mining District, Painted Rock

Mountains, Maricopa County, Arizona, USA

Ruizite - Christmas Mine, Christmas, Banner Mining District, Gila County,

Arizona, USA

Schieffelinite - Joe Mine, Tombstone Mining District, Cochise County, Arizona, USA

Shannonite - Grand Reef Mine, Laurel Canyon, Grand Reef Mountain, Klondyke,

Aravaipa Mining District, Graham County, Arizona, USA

Shattuckite - Shattuck Mine, Bisbee, Cochise County, Arizona, USA Stanevansite - Western end, Pusch Ridge, Pima County, Arizona, USA

Stishovite - Meteor Crater, Meteor Crater area, Coconino County, Arizona, USA
Swartzite - Hillside Mine (Happy Jack MS 920 claim; Camp MS 919 claim; Seven

Stars MS 916 claim), Bozarth Mesa, Bagdad, Eureka Mining District,

Yavapai County, Arizona, USA

Thebaite-(NH4) - Rowley Mine, Theba, Painted Rock Mining District, Painted Rock

Mountains, Maricopa County, Arizona, USA

Tombstoneite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Wherryite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Wickenburgite - Potter-Cramer Mine, Vulture Mining District, Maricopa County,

Arizona, USA

Winstanleyite - Grand Central Mine, Contention-Grand Central Mine group,

Tombstone Mining District, Cochise County, Arizona, USA

Wupatkiite - Cameron, Cameron Mining District, Coconino County, Arizona, USA

Yavapaiite - United Verde Mine, Jerome, Verde Mining District, Black Hills (Black

Hill Range), Yavapai County, Arizona, USA

Yedlinite - Mammoth-Saint Anthony Mine, St. Anthony deposit, Tiger, Mammoth

Mining District, Pinal County, Arizona, USA

Zinczippeite - Hillside Mine, Bozarth Mesa, Bagdad, Eureka Mining District, Yavapai

County, Arizona, USA

# Type Locality Specimens – Arkansas

16 Valid Type Locality Specimens 339 Valid Minerals

- Funderburk prospect, Pike County, Arkansas, USA Artsmithite

Barwoodite - Big Rock Quarry (3M Quarry; Arch Street Pike Quarry), Granite

Mountain area, Little Rock, Pulaski County, Arkansas, USA

Benstonite - Baroid Sales Division pit, Baroid Mine (Chamberlain Creek Barite

Mines), Chamberlain Creek Valley, Magnet Cove, Hot Spring County,

Arkansas, USA

Delindeite - Diamond Jo Quarry, Magnet Cove, Hot Spring County, Arkansas, USA

Donowensite - North Wilson pit, Union Carbide Mine, Wilson Springs (Potash Sulfur

Springs), Garland County, Arkansas, USA

Eggletonite - Big Rock Quarry (3M Quarry; Arch Street Pike Quarry), Granite

Mountain area, Little Rock, Pulaski County, Arkansas, USA

- Crater of Diamonds State Park (Prairie Creek Lamproite), Haggertyite

Murfreesboro, Pike County, Arkansas, USA

Kidwellite - Fodderstack Mountain, Norman, Montgomery County, Arkansas,

USA

Kimzeyite - Kimzey Calcite Quarry (Calcite Hill), Magnet Cove, Hot Spring

County, Arkansas, USA

Lourenswalsite

- Diamond Jo Quarry, Magnet Cove, Hot Spring County, Arkansas, USA Malhmoodite

- Wilson Springs (Potash Sulfur Springs), Garland County, Arkansas,

USA

- North Wilson pit, Union Carbide Mine, Wilson Springs (Potash Sulfur Mikehowardite

Springs), Garland County, Arkansas, USA

Miserite - North Wilson pit, Union Carbide Mine, Wilson Springs (Potash Sulfur

Springs), Garland County, Arkansas, USA

Rectorite - Blue Mountain Mining District, Marble Township, Garland County,

Arkansas, USA

Schorlomite - Magnet Cove, Hot Spring County, Arkansas, USA

- North Wilson pit, Union Carbide Mine, Wilson Springs (Potash Sulfur Straczekite

Springs), Garland County, Arkansas, USA

# Type Locality Specimens - California

158 Valid Type Locality Specimens (Includes 7 FRL) 1106 Valid Minerals

7 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Agaite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining

District, San Bernardino County, California, USA

Alforsite - Big Creek, Big Creek-Rush Creek Mining District, Fresno County,

California, USA

- Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining

District, Fresno County, California, USA

Ammonioalunite - The Geysers, West Mayacmas Mining District, Sonoma County,

California, USA

Andychristyite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining

District, San Bernardino County, California, USA

Aragotite (FRL) - New Almaden Mine (New Almaden Mines), New Almaden, New

Almaden Mining District, Santa Clara County, California, USA

Arcanite - Santa Ana Mine, Trabuco Canyon, Trabuco Canyon [town], Orange

County, California, USA

Aurivilliusite - Clear Creek claim, Goat Mountain, San Benito County, California,

USA

Bairdite - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake

Mining District, San Bernardino County, California, USA

Bario-orthojoaquinite- California State Gem Mine, Santa Rita Peak, San Benito County,

California, USA

Barioperovskite - California State Gem Mine, Santa Rita Peak, San Benito County,

California, USA

Bartonite - Coyote Peak, Coastal Range, Humboldt County, California, USA

Benitoite - California State Gem Mine, Santa Rita Peak, San Benito County,

California, USA

Bigcreekite - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District,

Fresno County, California, USA

Bluebellite - Blue Bell Mine, Zzyzx, Soda Mountains, Silver Lake Mining District,

San Bernardino County, California, USA

Bodieite - Pittsburg-Liberty Mine (Pittsburg claim; Pittsburg No. 2 claim; Liberty

claim; Liberty No. 2 claim), New York Hill, Masonic Mining District,

Bodie Hills, Mono County, California, USA

- North Star Mine (Star Consolidated Mine), Mammoth, Tintic Mining

District, East Tintic Mountains, Utah, USA

Boothite - Alma Mine, Leona Heights deposit, Leona Heights, Oakland,

Oakland Hills (San Leandro Hills), Alameda County, California, USA

Boromuscovite - Little Three Mine, Ramona, Ramona Mining District, San Diego

County, California, USA

Buddingtonite - Sulphur Bank Mine (Sulfur Bank Mine; Sulphur Bank deposits), Clear

Lake Oaks, Sulphur Creek Mining District (Sulfur Creek Mining

District; Wilbur Springs Mining District), Lake County, California, USA

Burkeite - Searles Lake, San Bernardino County, California, USA

Calaverite - Stanislaus Mine, Carson Hill Gold Mining Company Mines (Carson

Hill Mines), Melones, Carson Hill Mining District (Melones Mining

District), Calaveras County, California, USA

Cerchiaraite-(Al) - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Esquire No. 8 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Cerchiaraite-(Fe) - Cerchiara Mine, Borghetto di Vara, La Spezia Province, Liguria, Italy - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Esquire No. 8 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Chestermanite - Unnamed Skarn occurrence [1], Kaiser Wilderness area, Fresno County, California, USA Chromschieffelinite - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Clearcreekite - Clear Creek claim, Goat Mountain, San Benito County, California, USA Clinoptilolite-Na - Barstow Formation, Rainbow Basin, Mud Hills (Strontium Hills), Barstow Mining District, San Bernardino County, California, USA Coalingite - New Idria Serpentinite Asbestos deposits, Wright Mountain, Fresno County, California, USA - Furnace Creek Mining District (Furnace Creek Borate Mining Colemanite District), Inyo County, California, USA Coyoteite - Coyote Peak, Coastal Range, Humboldt County, California, USA Cuproroméite (FRL) - Blind Spring Hill, Benton, Blind Spring Mining District (Blind Spring Hill Mining District; Benton Mining District), Benton Range, Mono County, California, USA Datolite var. Bakerite (FRL) - Corkscrew Canyon Mine, Ryan, Furnace Creek Mining District (Furnace Creek Borate Mining District), Inyo County, California, USA Deanesmithite - Clear Creek claim, Goat Mountain, San Benito County, California, USA Deerite - Laytonville Quarry, Laytonville, Coastal Range, Mendocino County, California, USA Devitoite - Esquire No. 8 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Eckhardite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Edgarbaileyite - Clear Creek claim, Goat Mountain, San Benito County, California, **USA** 

- Clear Creek claim, Goat Mountain, San Benito County, California,

Edoylerite

USA

**Erdite** - Coyote Peak, Coastal Range, Humboldt County, California, USA Erionite-Na - Cady Mountains, San Bernardino County, California, USA Erlichmanite - MacIntosh Mine, Willow Creek (China Flat), Willow Creek Mining District, Klamath Mountains, Humboldt County, California, USA Esquireite - Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Trumbull Peak Ba-silicate deposit, Trumbull Peak, Clearing House, Fencooperite Clearing House Mining District, East Belt, Mariposa County, California, USA - Santa Monica Mountains, California, USA Ferrierite-K Ferrisurite - Shirley Ann group, Big Dodd Spring, Ubehebe Mining District, Cottonwood Mountains, Panamint Mts (Panamint Range), Inyo County, California, USA Ferroericssonite - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Esquire No. 8 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Ferro-ferri-obertiite - Coyote Peak, Coastal Range, Humboldt County, California, USA Florencite-(Nd) - Sausalito Road Quarry, Sausalito, Marin County, California, USA Fluorellestadite - Coal mine No. 44, Kopeysk, Chelyabinsk Oblast, Russia - Crestmore quarries, Crestmore, Jurupa Valley, Riverside County, California, USA Fluorellestadite var. Wilkeite (FRL) - Crestmore quarries, Crestmore, Jurupa Valley, Riverside County, California, USA Fluorphosphohedyphane - Blue Bell Mine, Zzyzx, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Foitite - California, USA Foshagite - Crestmore quarries, Crestmore, Jurupa Valley, Riverside County, California, USA - Commercial Quarry, Sky Blue Hill, Crestmore quarries, Crestmore, Jurupa Valley, Riverside County, California, USA Franciscanite - Pennsylvania Mine, Sugarloaf Mountain, Black Wonder Mining District, Santa Clara County, California, USA Fresnoite - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Fuettererite - NE2 vein, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Gaildunningite - Clear Creek claim, Goat Mountain, San Benito County, California, USA Galeite - Searles Lake, San Bernardino County, California, USA Gerstleyite - Baker Mine, Rio Tinto Borax Mine, Kramer Borate deposit, Boron,

Kern County, California, USA

- Hard Scramble claim, Ryan, Furnace Creek Mining District (Furnace

Creek Borate Mining District), Inyo County, California, USA

Gowerite

Greigite - Four Corners No. 3; 4 & 5 wells, Kramer Junction (Beecher's Corners;

Beechers Corners; Four Corners), East Kramer Borate area (East

Kramer Colemanite area), East Kramer Mining District, San Bernardino

County, California, USA

Hagstromite - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake

Mining District, San Bernardino County, California, USA

– SW cut, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining

District, San Bernardino County, California, USA

Haiweeite - Unnamed U occurrence, Inyo County, California, USA

Hanawaltite - Clear Creek claim, Goat Mountain, San Benito County, California,

USA

Hanksite - Searles Lake, San Bernardino County, California, USA
 Hazenite - South shore, Mono Lake, Mono County, California, USA

Hectorite - Hector Bentonite Mine No. 1, Hector, San Bernardino County,

California, USA

Hoperanchite - Hope Ranch, Santa Barbara County, California, USA

Housleyite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining

District, San Bernardino County, California, USA

- Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake

Mining District, San Bernardino County, California, USA

Howieite - Laytonville Quarry, Laytonville, Coastal Range, Mendocino County,

California, USA

Hypercinnabar - Mount Diablo Mine, Mount Diablo (Mt Diablo), Clayton, Contra Costa

County, California, USA

Inyoite - Monte Blanco Mine, Monte Blanco, Black Mountains, Amargosa

Range, Inyo County, California, USA

Jahnsite-(MnMnMn) - Stewart Mine, Tourmaline Queen Mountain (Pala Mtn; Queen Mtn),

Pala, Pala Mining District, San Diego County, California, USA

Jennite - Crestmore quarries, Crestmore, Jurupa Valley, Riverside County,

California, USA

Joaquinite-(Ce) - California State Gem Mine, Santa Rita Peak, San Benito County,

California, USA

Jonesite - California State Gem Mine, Santa Rita Peak, San Benito County,

California, USA

Kampfite - Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining

District, Fresno County, California, USA

Kempite - San Jose Mine, East Foothills, Black Wonder Mining District, Santa

Clara County, California, USA

Kernite - Rich Station bore hole, Rich, Kern County, California, USA

Krausite - Sulphur Hole (Sulfur Hole; Sulphur pit), Calico, Calico District

(Daggett District; Calico-Daggett area), Calico Mts (Calico Hills), San

Bernardino County, California, USA

Krauskopfite - Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining

District, Fresno County, California, USA

Lawsonite - Reed Station, Tiburon Uplands Nature Preserve, Tiburon Peninsula,

Marin County, California, USA

Litharge - Unnamed Pb occurrence [10], Cucamonga Peak, Lytle Creek

District, San Bernardino County, California, USA

Lithiophilite var. Sicklerite - Stewart Mine, Tourmaline Queen Mountain (Pala Mtn; Queen

Mtn), Pala, Pala Mining District, San Diego County, California, USA

Macdonaldite - Big Creek, Big Creek-Rush Creek Mining District, Fresno County,

California, USA

- Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining

District, Fresno County, California, USA

- Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining

District, Fresno County, California, USA

Magnesiocopiapite - Blythe, Riverside County, California, USA

Markcooperite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining

District, San Bernardino County, California, USA

Mazzite-Na - Rio Tinto Borax open pit, Rio Tinto Borax Mine, Kramer Borate

deposit, Boron, Kern County, California, USA

Mcallisterite - Mott prospect (Mott Colemanite prospect; Mott open cut), Twenty

Mule Team Canyon, Furnace Creek Mining District (Furnace Creek

Borate Mining District), Inyo County, California, USA

Mcalpineite - McAlpine Mine, Peñon Blanco Peak, Coulterville Mining District,

Tuolumne County, California, USA

Mcguinnessite - Copper King Mine, Red Mountain, Red Mountain Mining District,

Mendocino County, California, USA

Melonite - Stanislaus Mine, Carson Hill Gold Mining Company Mines (Carson

Hill Mines), Melones, Carson Hill Mining District (Melones Mining

District), Calaveras County, California, USA

Merwinite - Wet Weather Quarry, Sky Blue Hill, Crestmore quarries, Crestmore,

Jurupa Valley, Riverside County, California, USA

Metacinnabar - Redington Mine (Boston Mine; Knoxville Mine; Excellsior Mine),

Knoxville, Knoxville Mining District, Napa County, California, USA

Metahaiweeite - Unnamed U occurrence, Inyo County, California, USA

Meyerhofferite - Monte Blanco Mine, Monte Blanco, Black Mountains, Amargosa

Range, Inyo County, California, USA

Mojaveite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining

District, San Bernardino County, California, USA

- Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake

Mining District, San Bernardino County, California, USA

- Blue Bell Mine, Zzyzx, Soda Mountains, Silver Lake Mining District,

San Bernardino County, California, USA

Muirite - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District,

Fresno County, California, USA

Muscovite var. Mariposite (FRL) - Mariposa County, California, USA

Müllerite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA - Bird Nest E3, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Nekoite - Wet Weather Quarry, Sky Blue Hill, Crestmore quarries, Crestmore, Jurupa Valley, Riverside County, California, USA Nissonite - Llanada Copper Mine, Panoche, San Benito County, California, USA Nobleite - Unnamed Nobleite locality [1], Ryan, Furnace Creek Mining District (Furnace Creek Borate Mining District), Inyo County, California, USA Northupite - Searles Lake, San Bernardino County, California, USA Orickite - Coyote Peak, Coastal Range, Humboldt County, California, USA Orthojoaquinite-(Ce)- California State Gem Mine, Santa Rita Peak, San Benito County, California, USA Osarsite - Gold Bluff beach, Gold Bluffs, Orick area, Orick, Orick Mining District, Humboldt County, California, USA Ottoite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Pabstite - Pacific Cement and Aggregate Company quarry, Santa Cruz, Santa Cruz County, California, USA Paratimroseite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Pauladamsite - Santa Rosa Mine (Lee-Santa Rosa Mine; Santa Rosa Mines), Malpais Mesa, Inyo Mts (Inyo Range), Inyo County, California, USA - Clear Creek claim, Goat Mountain, San Benito County, California, Peterbaylissite USA Pirssonite - Searles Lake, San Bernardino County, California, USA Plumbophyllite - Blue Bell Mine, Zzyzx, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Probertite - Baker Mine, Rio Tinto Borax Mine, Kramer Borate deposit, Boron, Kern County, California, USA Redingtonite - Redington Mine (Boston Mine; Knoxville Mine; Excellsior Mine), Knoxville, Knoxville Mining District, Napa County, California, USA - Red Ledge Mine, Washington, Washington Mining District (Omega Redledgeite Mining District), Nevada County, California, USA

Reynoldsite

Coast municipality, Tasmania, Australia
– Blue Bell Mine, Zzyzx, Soda Mountains, Silver Lake Mining District,
San Bernardino County, California, USA

- Red Lead Mine, Dundas mineral field, Zeehan mining district, West

Riversideite - Crestmore quarries, Crestmore, Jurupa Valley, Riverside County,

California, USA

Roscoelite - Stuckslager Mine (Stuckslacker Mine; Sam Simms Mine), Coloma,

Coloma Mining District, West Belt, El Dorado County, California, USA

Rosenhahnite - Rosenhahnite occurrence, Russian River, Cloverdale area,

Mendocino County, California, USA

Rynersonite - San Diego Mine, Gem Hill, Mesa Grande Mining District, San Diego

County, California, USA

Sahamalite-(Ce) - Mountain Pass Mine, Mountain Pass, Mountain Pass District, Clark

Mts (Clark Mountain Range), San Bernardino County, California, USA

Saltonseaite - Salton Sea, Imperial County, California, USA

Sanbornite - Trumbull Peak Ba-silicate deposit, Trumbull Peak, Clearing House,

Clearing House Mining District, East Belt, Mariposa County,

California, USA

Santaclaraite - Pennsylvania Mine, Sugarloaf Mountain, Black Wonder Mining

District, Santa Clara County, California, USA

Schairerite - Searles Lake, San Bernardino County, California, USA

Schuetteite - Oceanic Mine, Cambria, Cambria-Oceanic Mining District, Santa

Lucia Mts (Santa Lucia Range), San Luis Obispo County, California,

USA

Searlesite - Searles Lake, San Bernardino County, California, USA

- Searles Deep Well, Searles Lake, San Bernardino County, California,

USA

Silhydrite - Trinity Mining claim, Wildcat Peak, Halls Gulch Mining District, Trinity

Mountains, Klamath Mountains, Trinity County, California, USA

Spurrite - Terneras Mine, Velardeña, Velardeña District, Cuencamé

Municipality, Durango, Mexico

- Paraspurrite type locality, Darwin, Darwin Mining District, Darwin

Hills, Inyo County, California, USA

Stewartite - Stewart Mine, Tourmaline Queen Mountain (Pala Mtn; Queen Mtn),

Pala, Pala Mining District, San Diego County, California, USA

Stibiocolumbite - Himalaya Mine, Gem Hill, Mesa Grande Mining District, San Diego

County, California, USA

Strontiojoaquinite

Sulphohalite

- Mina Numero Uno, Picacho Peak, San Benito County, California, USA

- Searles Lake, San Bernardino County, California, USA

Szymańskiite - Clear Creek claim, Goat Mountain, San Benito County, California,

USA

Tedhadleyite - Clear Creek claim, Goat Mountain, San Benito County, California,

USA

Teepleite - Borax Lake (Big Borax Lake), Clear Lake Oaks, Sulphur Creek Mining

District (Sulfur Creek Mining District; Wilbur Springs Mining District),

Lake County, California, USA

Telluroperite - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake

Mining District, San Bernardino County, California, USA

Thorneite - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Tilleyite - Crestmore quarries, Crestmore, Jurupa Valley, Riverside County, California, USA Timroseite - Aga Mine, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA - Bird Nest drift, Otto Mountain, Baker, Soda Mountains, Silver Lake Mining District, San Bernardino County, California, USA Tincalconite - Searles Lake, San Bernardino County, California, USA Titantaramellite - Gun claim, Wilson Lake, Itsi Mountain, Watson Lake mining district, Yukon, Canada - Madrelena Mine, Tres Pozos, Baja California, Mexico - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Trumbull Peak Ba-silicate deposit, Trumbull Peak, Clearing House, Clearing House Mining District, East Belt, Mariposa County, California, USA - Pacific Cement and Aggregate Company quarry, Santa Cruz, Santa Cruz County, California, USA - Baumann prospect (Bauman Ranch), Dumtah, Tulare County, California, USA Traskite - Esquire No. 1 claim, Rush Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Tunellite - Rio Tinto Borax Mine, Kramer Borate deposit, Boron, Kern County, California, USA Tychite - Searles Lake, San Bernardino County, California, USA UM2005-//-SiO:H (FRL) - Rush Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA Vasilyevite - Clear Creek claim, Goat Mountain, San Benito County, California, Veatchite - Lang Mine, Tick Canyon Borate deposit, Tick Canyon, Lang, Los Angeles County, California, USA - Big Creek, Big Creek-Rush Creek Mining District, Fresno County, Verplanckite California, USA - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District, Fresno County, California, USA - Old City Quarry (City Quarry; North Hill Quarry; Quarry Hill; Vonsenite Fairmount), Riverside, Riverside County, California, USA Walstromite - Esquire No. 7 claim, Big Creek, Big Creek-Rush Creek Mining District,

Fresno County, California, USA

Wardsmithite - Hard Scramble claim, Ryan, Furnace Creek Mining District (Furnace

Creek Borate Mining District), Inyo County, California, USA

- Oliver claim (Neglect claim; Oliver Consolidated claim), Ryan,

Furnace Creek Mining District (Furnace Creek Borate Mining District),

Inyo County, California, USA

Wattersite - Clear Creek claim, Goat Mountain, San Benito County, California,

USA

Wayneburnhamite - Commercial Quarry, Sky Blue Hill, Crestmore quarries, Crestmore,

Jurupa Valley, Riverside County, California, USA

Wightmanite - Commercial Quarry, Sky Blue Hill, Crestmore quarries, Crestmore,

Jurupa Valley, Riverside County, California, USA

Woodhouseite - Champion Mine, White Mountain Peak, White Mountains, Mono

County, California, USA

Zussmanite - Laytonville Quarry, Laytonville, Coastal Range, Mendocino County,

California, USA

#### Type Locality Specimens - Colorado

102 Valid Type Locality Specimens (Includes 3 FRL) 894 Valid Minerals

3 (FRL) – First Recorded Locality of unapproved mineral/variety/etc.

Ammoniolasalite - Burro Mine, San Miguel County, Colorado, USA Ammoniomathesiusite - Burro Mine, San Miguel County, Colorado, USA

- Burro Mine, San Miguel County, Colorado, USA Ammoniozippeite

- Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Amurselite - Burro Mine, San Miguel County, Colorado, USA

Beidellite - Beidell, Crystal Hill Mining District, Saguache County, Colorado, USA

- Nordmark Odal Field, Filipstad, Värmland County, Sweden Berryite

- Missouri Mine, Hall Valley (Hall's Valley), Montezuma Mining District,

Park County, Colorado, USA

- Pickett Corral Mine, Montrose County, Colorado, USA Bicapite Bluestreakite - Blue Streak Mine, Montrose County, Colorado, USA Bobfinchite - Burro Mine, San Miguel County, Colorado, USA

Brockite - Unnamed prospect, Bassick Mine area, Querida, Custer County,

Colorado, USA

Buckhornite - Buckhorn Mine, Jamestown, Jamestown Mining District, Boulder

County, Colorado, USA

Burroite - Burro Mine, San Miguel County, Colorado, USA

- West Sunday Mine, Slick Rock Mining District, Colorado, USA Calciodelrioite

Cameronite - Good Hope Mine (Mammoth Good Hope Mine; Mammoth-Good Hope Mine; Mammoth Chimney Mine), Vulcan, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County, Colorado, USA Carnotite - Rajah Mine (Big Chief No. 2; Dullan claim), Montrose County, Colorado, USA - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County, Caseyite Colorado, USA - Burro Mine, San Miguel County, Colorado, USA - West Sunday Mine, Slick Rock Mining District, Colorado, USA Cebollite - Iron Hill deposit, White Earth Mining District (Powderhorn Mining District), Gunnison County, Colorado, USA Chinleite-(Ce) - Blue Streak Mine, Montrose County, Colorado, USA Coffinite - La Sal No. 2 Mine, Beaver Mesa, Gateway Mining District, Mesa County, Colorado, USA Coloradoite - Smuggler Mine, Balarat Mining District, Boulder County, Colorado, USA - Keystone Mine, Magnolia Mining District, Boulder County, Colorado, USA - Mountain Lion Mine - Keystone vein, Magnolia Mining District, Boulder County, Colorado, USA Corvusite - Ponto No. 3 Claim, Gypsum Valley Mining District, San Miguel County, Colorado, USA - Jack claim, Gateway Mining District, Grand County, Utah, USA Cowlesite - Monte Lake, Kamloops Mining Division, British Columbia, Canada - Unnamed wash, adjacent to State Route 177, Superior area, Pinal County, Arizona, USA – North Table Mountain, Golden, Golden Mining District, Jefferson County, Colorado, USA - Neer Road, Goble, Columbia County, Oregon, USA - Beech Creek Quarry, Mount Vernon, Grant County, Oregon, USA Creedite - Colorado Fluorspar Company Mine, Wagon Wheel Gap, Mineral County, Colorado, USA Cuprobismutite - Missouri Mine, Hall Valley (Hall's Valley), Montezuma Mining District, Park County, Colorado, USA Cupropavonite - Alaska Mine, Poughkeepsie Gulch, San Juan County, Colorado, USA Delrioite - Jo Dandy Mine, Paradox Valley, Montrose County, Colorado, USA Doloresite - La Sal No. 2 Mine, Beaver Mesa, Gateway Mining District, Mesa County, Colorado, USA Duttonite - Peanut Mine, Bull Canyon, Montrose County, Colorado, USA

- St Peters Dome, Cheyenne Mining District (St. Peters Dome Mining

District), El Paso County, Colorado, USA

Elpasolite

**Empressite** - Empress Josephine Mine (Empress Josephine claim; Boss Mammoth

> claim), Bonanza, Bonanza Mining District (Kerber Creek Mining District; Blake Mining District), Saguache County, Colorado, USA

Fervanite - Gypsum Valley Mining District, San Miguel County, Colorado, USA

- Polar Mesa, Gateway Mining District, Grand County, Utah, USA

Fluoro-riebeckite - Pikes Peak, El Paso County, Colorado, USA

Fulbrightite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Gatewayite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

- West Cheyenne Canyon, Cheyenne Mining District (St. Peters Dome Genthelvite

Mining District), El Paso County, Colorado, USA

Gunterite - West Sunday Mine, Slick Rock Mining District, Colorado, USA

Hendersonite - J J Mine, Paradox Valley, Montrose County, Colorado, USA

- Nelson Point mine, Eastside mines, Shiprock District, San Juan

County, New Mexico, USA

Henryite (of Endlich) (FRL) - Red Cloud Mine (Chicago; Colorado Occurrence), Gold Hill

Mining District, Boulder County, Colorado, USA

Hetaerolite var. var. Hydrohetaerolite (FRL) - Wolftone Mine, Carbonate Hill, Leadville, Lake

County, Colorado, USA

- Passaic pit (Marshall Mine; Passaic Mine), Sterling Hill, Ogdensburg,

Sussex County, New Jersey, USA

Hinsdalite - Golden Fleece Mine, Lake City, Lake City Mining District, Hinsdale

County, Colorado, USA

Hughesite - West Sunday Mine, Slick Rock Mining District, Colorado, USA

- Hummer Mine, Paradox Valley, Montrose County, Colorado, USA Hummerite

Hydropascoite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Ilesite - McDonnell claim, Hall Valley (Hall's Valley), Montezuma Mining

District, Park County, Colorado, USA

Juanite - Iron Hill deposit, White Earth Mining District (Powderhorn Mining

District), Gunnison County, Colorado, USA

Kegginite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Keystoneite - Keystone Mine, Magnolia Mining District, Boulder County, Colorado,

USA

Kokinosite - Saint Jude Mine, Slick Rock Mining District, Colorado, USA

Lillianite - Lillian Mines, Printer Boy Hill, Leadville, Lake County, Colorado, USA Lumsdenite

- Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Magnolite - Keystone Mine, Magnolia Mining District, Boulder County, Colorado,

USA

Magselite - Pickett Corral Mine, Montrose County, Colorado, USA Mazzettiite - Findley Gulch (Findlay Gulch), Bonanza Mining District (Kerber Creek Mining District; Blake Mining District), Saguache County, Colorado, USA

Mesaite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County, Colorado, USA

Metadelrioite - Jo Dandy Mine, Paradox Valley, Montrose County, Colorado, USA

Metamunirite - Burro Mine, San Miguel County, Colorado, USA

Metarossite - Arrowhead Tunnel, Bull Pen Canyon, San Miguel County, Colorado,

USA

Metauroxite - Burro Mine, Slick Rock Mining District, San Miguel County, Colorado,

USA

Montroseite - Bitter Creek Mine, Paradox Valley, Montrose County, Colorado, USA Morrisonite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Mummeite - Acapulco adit, Alaska Mine, Poughkeepsie Gulch, San Juan County,

Colorado, USA

Murataite-(Y) - St Peters Dome, Cheyenne Mining District (St. Peters Dome Mining

District), El Paso County, Colorado, USA

Nashite - Saint Jude Mine, Slick Rock Mining District, Colorado, USA

– Little Eva Mine, Yellow Cat Mesa, Thompsons Mining District, Grand

County, Utah, USA

Natroalunite - Red Mountain Mining District, Colorado, USA
Nitroplumbite - Burro Mine, San Miguel County, Colorado, USA

Okieite - Hummer Mine, Paradox Valley, Montrose County, Colorado, USA

- Burro Mine, San Miguel County, Colorado, USA

Ourayite - Old Lout Mine, Poughkeepsie Gulch, San Juan County, Colorado,

USA

Packratite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Paramontroseite - Bitter Creek Mine, Paradox Valley, Montrose County, Colorado, USA

Pearceite - Mollie Gibson Mine, Aspen, Aspen Mining District (Roaring Fork

Mining District), Pitkin County, Colorado, USA

Pentahydrite - Cripple Creek Mining District, Teller County, Colorado, USA

Perryite - Horse Creek meteorite, Baca County, Colorado, USA
Pomite - Blue Streak Mine, Montrose County, Colorado, USA

Protocaseyite - Burro Mine, San Miguel County, Colorado, USA

Proto-ferro-anthophyllite - Tawara (Tahara), Hirukawa, Nakatsugawa City, Gifu Prefecture,

Japan

- Cheyenne Mt area, El Paso County, Colorado, USA

Pseudodickthomssenite - Pickett Corral Mine, Montrose County, Colorado, USA

Pseudopomite - Blue Streak Mine, Montrose County, Colorado, USA
Rakovanite - Sunday Mine, Slick Rock Mining District, Colorado, USA

– West Sunday Mine, Slick Rock Mining District, Colorado, USA

Rickardite - Good Hope Mine (Mammoth Good Hope Mine; Mammoth-Good

Hope Mine; Mammoth Chimney Mine), Vulcan, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County,

Colorado, USA

Rilandite - Riland uranium claim, Meeker, Rio Blanco County, Colorado, USA

Rossite - Arrowhead Tunnel, Bull Pen Canyon, San Miguel County, Colorado,

USA

Samarskite-(Yb) - Little Patsy pegmatite, South Platte Pegmatite Mining District,

Jefferson County, Colorado, USA

Schindlerite - Saint Jude Mine, Slick Rock Mining District, Colorado, USA

Schirmerite (FRL) - Treasury Vault Mine, Geneva Mining District, Park County, Colorado,

USA

Sherwoodite - Peanut Mine, Bull Canyon, Montrose County, Colorado, USA

Siderophyllite - Pikes Peak, El Paso County, Colorado, USA Sidwillite - Lake Como, San Juan County, Colorado, USA

Simplotite - Peanut Mine, Bull Canyon, Montrose County, Colorado, USA
Spiridonovite - Good Hope Mine (Mammoth Good Hope Mine; Mammoth-Good

Hope Mine; Mammoth Chimney Mine), Vulcan, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County,

Colorado, USA

Steigerite - Sullivan Brothers claims, Gypsum Valley Mining District, San Miguel

County, Colorado, USA

Szilagyiite - Pickett Corral Mine, Montrose County, Colorado, USA
Theisite - Tuckerville prospects, Hinsdale County, Colorado, USA

Treasurite - Treasury Vault Mine, Geneva Mining District, Park County, Colorado,

USA

Trebiskyite - Pickett Corral Mine, Montrose County, Colorado, USA

Uroxite - Burro Mine, San Miguel County, Colorado, USA

- Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Vanarsite - Packrat Mine, Beaver Mesa, Gateway Mining District, Mesa County,

Colorado, USA

Vanoxite - Jo Dandy Mine, Paradox Valley, Uravan Mining District, Montrose

County, Colorado, USA

– Bill Bryan claim, Wild Steer Canyon, Paradox Valley, Uravan Mining

District, Montrose County, Colorado, USA

Vulcanite - Good Hope Mine (Mammoth Good Hope Mine; Mammoth-Good

Hope Mine; Mammoth Chimney Mine), Vulcan, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County,

Colorado, USA

Weissite - Good Hope Mine (Mammoth Good Hope Mine; Mammoth-Good

Hope Mine; Mammoth Chimney Mine), Vulcan, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County,

Colorado, USA

Wernerbaurite

- Saint Jude Mine, Slick Rock Mining District, Colorado, USA

Zincmelanterite - Good Hope Mine (Mammoth Good Hope Mine; Mammoth-Good

> Hope Mine; Mammoth Chimney Mine), Vulcan, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County,

Colorado, USA

- Vulcan Mine, Vulcan Mining District (Cebolla Mining District; Domingo Mining District), Gunnison County, Colorado, USA - Zuni Mine, Anvil Mountain, San Juan County, Colorado, USA

Zunyite

#### Type Locality Specimens - Connecticut

15 Valid Type Locality Specimens (Includes 1 FRL) 365 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Danburite

- Danbury, Fairfield County, Connecticut, USA

Dickinsonite-(KMnNa) - Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith

Mine), Branchville, Redding (Reading), Fairfield County,

Connecticut, USA

Eosphorite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut,

USA

Eucryptite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut,

USA

Fairfieldite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut, USA

Fillowite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut, USA

Lithiophilite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut, USA

Muscovite var. Schernikite (FRL) - Gillette Quarry (J-J Mine; Haddam Neck Quarry),

Haddam Neck, Haddam, Middlesex County, Connecticut, USA

Natrophilite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut,

USA

Reddingite

- Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith Mine), Branchville, Redding (Reading), Fairfield County, Connecticut, USA

Rhabdophane-(La)

- Scoville Mine, Salisbury, Litchfield County, Connecticut, USA - Scoville Mine, Salisbury, Litchfield County, Connecticut, USA

Rhabdophane-(Nd)

Sillimanite - Carnatic Coast (Karnatak), Tamil Nadu, India

- Chester, Middlesex County, Connecticut, USA

Triploidite - Fillow Quarry (Branchville Quarry; Branchville Mica Mine; Smith

Mine), Branchville, Redding (Reading), Fairfield County, Connecticut,

USA

Tungstite - Old Mine Park (Old Tungsten Mine), Long Hill, Trumbull, Fairfield

County, Connecticut, USA

#### Type Locality Specimens - Delaware

No Valid Type Locality Specimens 39 Valid Minerals

#### Type Locality Specimens - Florida

No Valid Type Locality Specimens
71 Valid Minerals

# Type Locality Specimens – Georgia

2 Valid Type Locality Specimens 232 Valid Minerals

Joegoldsteinite Tellurobismuthite

- Social Circle meteorite, Walton County, Georgia, USA
- Mosnap Mine, Moisesberg Mines, Fyresdal, Telemark, Norway
- Boly Field Mine (Boley Field's Mine; Field's Mine; Field's vein),

Dahlonega, Lumpkin County, Georgia, USA

- Little Mildred mine (Green mine), Sylvanite Mining District, Hidalgo

County, New Mexico, USA

# Type Locality Specimens – Hawaii

1 Valid Type Locality Specimen 108 Valid Minerals

Phillipsite-Ca

- Lower Salt Lake Tuff, Puuloa Road, Oahu Island, Honolulu County, Hawaii, USA

# Type Locality Specimens - Idaho

15 Valid Type Locality Specimens 379 Valid Minerals

Brannerite - Kelley Gulch, Stanley, Stanley Basin Mining District, Custer County,

Idaho, USA

Bütschliite - Grand Canyon National Park, Arizona, USA

- Coolin, Kaniksu National Forest, Bonner County, Idaho, USA

Fairchildite - Grand Canyon National Park, Arizona, USA

- Coolin, Kaniksu National Forest, Bonner County, Idaho, USA

Ferro-anthophyllite - Tamarack and Custer Mine, Placer Center Mining District, Shoshone

County, Idaho, USA

Heulandite-Na - Unnamed pit, Challis, Bay Horse Mining District, Custer County,

Idaho, USA

Luogufengite - Menan volcanic complex, Rexburg area, Madison County, Idaho, USA

Owyheeite - Poorman Mine (Oso; Belle Peck Tunnels), Silver City Mining District

(Carson Mining District), Owyhee County, Idaho, USA

Phosphovanadylite-Ba - Enoch Valley Mine, Blackfoot River Mining District, Caribou

County, Idaho, USA

Phosphovanadylite-Ca - South Rasmussen Ridge Phosphate Mine, Soda Springs, Caribou

County, Idaho, USA

Polhemusite - B & B deposit (Dundee), Big Creek Mining District, Valley County,

Idaho, USA

Potassiccarpholite - Sawtooth Batholith, Idaho, USA

Powellite - Peacock Mine, Cuprum, Seven Devils Mining District, Adams County,

Idaho, USA

Selenopolybasite - De Lamar Mine, De Lamar Mining District, Owyhee County, Idaho,

USA

Valleyite - Menan volcanic complex, Rexburg area, Madison County, Idaho, USA

Xuite - Menan volcanic complex, Rexburg area, Madison County, Idaho, USA

- Gilette, Campbell County, Wyoming, USA

#### Type Locality Specimens – Illinois

2 Valid Type Locality Specimens (Includes 1 FRL)

111 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Muscovite var. Illite (FRL) - Maquoketa Shale, Gilead, Calhoun County, Illinois, USA

Paralstonite - Minerva No. 1 Mine, Ozark-Mahoning group, Cave-In-Rock Mining

Sub-District, Hardin County, Illinois, USA

#### Type Locality Specimens – Indiana

1 Valid Type Locality Specimen 96 Valid Minerals

Smythite - State Route 37 road cut (6), Bloomington, Monroe County, Indiana,

USA

# Type Locality Specimens - Iowa

3 Valid Type Locality Specimens 85 Valid Minerals

Iowaite - Matlock drill core, Sioux County, Iowa, USA
Stanfieldite - Estherville meteorite, Emmet County, Iowa, USA
Tetrataenite - Estherville meteorite, Emmet County, Iowa, USA

### **Type Locality Specimens - Kansas**

4 Valid Type Locality Specimens 128 valid minerals

Carletonmooreite - Norton County meteorite, Norton County, Kansas, USA

# Type Locality Specimens - Kentucky

No Valid Type Locality Specimens 134 Valid Minerals

# Type Locality Specimens - Louisiana

1 Valid Type Locality Specimen 60 Valid Minerals

Hilgardite - Choctaw Salt Dome, Plaquemine, Iberville Parish, Louisiana, USA

# **Type Locality Specimens - Maine**

12 Valid Type Locality Specimens (Includes 2 FRL) 398 Valid Minerals

2 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Beryl var. Caesium Beryl (FRL) - Norway, Oxford County, Maine, USA

Beryllonite - Beryllonite Locality (Mcallister Occurrence), Stoneham, Oxford

County, Maine, USA

- Joe McKeen Mountain locality (McKean Farm), Stoneham, Oxford

County, Maine, USA

Cookeite - Mount Rubellite Quarries, Mount Rubellite, Hebron, Oxford County,

Maine, USA

- Mount Mica Quarry, Paris, Oxford County, Maine, USA

Gainesite - Nevel Quarry, Newry, Oxford County, Maine, USA

Hydronephelite (FRL) - Dennis Hill locality (Litchfield sodalite locality), Litchfield, Kennebec

County, Maine, USA

Kosnarite - Mount Mica Quarry, Paris, Oxford County, Maine, USA

- Black Mountain Quarry, Rumford, Oxford County, Maine, USA

Landesite - Berry-Havey Quarry (Havey Quarry; Berry Quarry), Poland,

Androscoggin County, Maine, USA

Mangangordonite - Dunton Gem Quarry, Newry, Oxford County, Maine, USA

- Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North

Carolina, USA

Mccrillisite - Mount Mica Quarry, Paris, Oxford County, Maine, USA

Perhamite - Bell pit, Newry, Oxford County, Maine, USA

- Dunton Gem Quarry, Newry, Oxford County, Maine, USA

Tantalowodginite - Emmons Quarry, Uncle Tom Mountain, Greenwood, Oxford County,

Maine, USA

Zigrasite - Dunton Gem Quarry, Newry, Oxford County, Maine, USA

### Type Locality Specimens – Maryland

4 Valid Type Locality Specimens (Includes 3 FRL)

171 Valid Minerals

3 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Carrollite - Patapsco Mine (Finksburg Mine; Orchard Mine), Patapsco Mines,

Finksburg, Carroll County, Maryland, USA

Chabazite-Ca var. Haydenite (FRL) - Jones Falls Quarries, Baltimore City, Maryland, USA Heulandite-Ca var. Beaumontite (of Lévy) (FRL) - Jones Falls Quarries, Baltimore City,

Mordand LICA

Maryland, USA

Remingtonite (FRL) - Patapsco Mine (Finksburg Mine; Orchard Mine), Patapsco Mines,

Finksburg, Carroll County, Maryland, USA

#### Type Locality Specimens – Massachusetts

8 Valid Type Locality Specimens (Includes 2 FRL)

284 Valid Minerals

2 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Albite var. Cleavelandite (FRL) - Clark Ledge pegmatite locality, Chesterfield, Hampshire

County, Massachusetts, USA

Amesite - Chester Emery Mines, Chester, Hampden County, Massachusetts,

USA

Annite - Rockport, Essex County, Massachusetts, USA
Danalite - Rockport, Essex County, Massachusetts, USA
Gibbsite - Richmond, Berkshire County, Massachusetts, USA

Microlite Group (FRL)- Clark Ledge pegmatite locality, Chesterfield, Hampshire County,

Massachusetts, USA

Vermiculite - Millbury, Worcester County, Massachusetts, USA

Wroewolfeite - Loudville Lead Mines (Manhan Lead-Silver Mine; Southampton Lead

Mine; Northampton Lead Mine), Easthampton, Hampshire County,

Massachusetts, USA

### Type Locality Specimens – Michigan

8 Valid Type Locality Specimens 387 Valid Minerals

Anthonyite - Centennial Mine, Centennial Heights, Calumet Township, Houghton

County, Michigan, USA

Calumetite - Centennial Mine, Centennial Heights, Calumet Township, Houghton

County, Michigan, USA

Centennialite - Centennial Mine, Centennial Heights, Calumet Township, Houghton

County, Michigan, USA

Hydroxylpyromorphite - Copps Mine, Marenisco, Gogebic iron range, Gogebic County,

Michigan, USA

Jeankempite - Mohawk Mine, Mohawk, Allouez Township, Keweenaw County,

Michigan, USA

Macfallite - Manganese Mine, Copper Harbor, Grant Township, Keweenaw

County, Michigan, USA

Pumpellyite-(Mg) - Keweenaw County, Michigan, USA

Seamanite - Chicagon mine, Bates Township, Iron County, Michigan, USA

#### **Type Locality Specimens - Minnesota**

7 Valid Type Locality Specimens (Includes 1 FRL)

162 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Greenalite - Biwabik, St. Louis County, Minnesota, USA

Groutite - Mahnomen pit, Ironton, Cuyuna North Range, Crow Wing County,

Minnesota, USA

- Sagamore Mangan No. 2 pit, Riverton, Cuyuna North Range, Crow

Wing County, Minnesota, USA

Hibbingite - Hibbingite occurrences, Lake County, Minnesota, USA

Lizardite - Eastern Cliff, Kennack Cove (Kennack Sands), Kennack, Grade-

Ruan, Cornwall, England, UK

- North shore of Lake Superior, Minnesota, USA

Lizardite var. Al-lizardite (FRL) - North shore of Lake Superior, Minnesota, USA

Minnesotaite - Cuyuna North Range, Crow Wing County, Minnesota, USA

- Mesabi Range, Minnesota, USA

- Drill Core M4450, St. Louis County, Minnesota, USA

Pigeonite - Pigeon Point, Cook County, Minnesota, USA

# Type Locality Specimens - Mississippi

No Valid Type Locality Specimens 34 Valid Minerals

# Type Locality Specimens - Missouri

4 Valid Type Locality Specimens (Includes 1 FRL)

218 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Fletcherite - Fletcher Mine, West Fork, Reynolds County, Missouri, USA

Nickelphosphide - Butler meteorite, Bates County, Missouri, USA Starkeyite - Starkey Mine, Madison County, Missouri, USA Wurtzite-10H (FRL) - Joplin Field, Jasper County, Missouri, USA

#### Type Locality Specimens - Montana

20 Valid Type Locality Specimens (Includes 5 FRL)

540 Valid Minerals

5 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Aegirine var. Vanadium-bearing Aegirine (FRL) - Rainy Creek Mine (W. R. Grace Mine), Libby,

Libby Mining District (Snowshoe Mining District), Lincoln County,

Montana, USA

Auriacusite - Black Pine Mine, Philipsburg Mining District (Flint Creek Mining

District), Granite County, Montana, USA

Burbankite - Vermiculite prospect No. 6, Big Sandy Creek, Bearpaw Mountains,

Hill County, Montana, USA

Calkinsite-(Ce) - Vermiculite prospect No. 6, Big Sandy Creek, Bearpaw Mountains,

Hill County, Montana, USA

Colusite - Lebedinoe Au Deposit (Nezametnyi Mine), Aldan, Sakha, Russia

- East Colusa Mine, Butte Mining District (Summit Valley Mining

District), Silver Bow County, Montana, USA

Isoferroplatinum - Placer Deposits, Tulameen River, Similkameen Mining Division,

British Columbia, Canada

- Witwatersrand goldfield, South Africa

- Stillwater Complex, Montana, USA

Joëlbruggerite - Black Pine Mine, Philipsburg Mining District (Flint Creek Mining

District), Granite County, Montana, USA

Keithconnite - Stillwater Complex, Montana, USA

- Stillwater Mine, Stillwater County, Montana, USA

Kojonenite - Minneapolis adit, J-M Reef (Howland Reef), Stillwater County,

Montana, USA

Montanite - Highland Mining District (Siberia Mining District), Silver Bow County,

Montana, USA

– Fish Creek placers (Highland Gulch placers), Highland Mining District (Siberia Mining District), Silver Bow County, Montana, USA

Palladobismutharsenide - Stillwater Complex, Montana, USA

- Stillwater Mine, Stillwater County, Montana, USA

Philipsburgite - Black Pine Mine, Philipsburg Mining District (Flint Creek Mining

District), Granite County, Montana, USA

Rhodium - Stillwater Complex, Montana, USA

- Stillwater Mine, Stillwater County, Montana, USA

Stillwaterite - Stillwater Complex, Montana, USA

- Stillwater Mine, Stillwater County, Montana, USA

Telluropalladinite - Stillwater Complex, Montana, USA

- Stillwater Mine, Stillwater County, Montana, USA

UM1981-02-Bi:AsPbPd (FRL) - Stillwater Complex, Montana, USA UM1981-31-Te:Pd (FRL) - Stillwater Complex, Montana, USA

UM1986-51-S:Re (FRL) - J-M Reef (Howland Reef), Stillwater County, Montana, USA

Unnamed (Pd-Cu-As phase) (FRL) - Stillwater Complex, Montana, USA

Wangyanite - Stillwater Mine (Johns-Manville Stillwater Platinum; Stillwater PGM

Resources; Stillwater Platinum Project; M Prospect), Sweet Grass

County, Montana, USA

# Type Locality Specimens – Nebraska

No Valid Type Locality Specimens 81 Valid Minerals

# Type Locality Specimens - Nevada

55 Valid Type Locality Specimens (Includes 1 FRL) 971 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Alexearlite - McDermitt Mine, Opalite Mining District, Humboldt County, Nevada,

USA

– Lucky Boy Mine, Mount Baldy-Ohio Mining District, Piute County,

Utah, USA

Alpersite - Big Mike Mine, Tobin and Sonoma Range Mining District, Pershing

County, Nevada, USA

Apexite - Apex Mine (Rundberg Mine; Early Day Mine), Reese River Mining

District, Lander County, Nevada, USA

Aurorite - North Aurora mine, Summit area, Treasure Hill, Silver Belt, White

Pine Mining District, White Pine County, Nevada, USA

Benjaminite - Silver Bear mine (Terra mines; North mine; Terra Mining and

Exploration Company mine), Camsell River area, Northwest

Territories, Canada

- Keeley-Frontier Mine, South Lorrain Township, Cobalt-Gowganda

region, Timiskaming District, Ontario, Canada

- Outlaw Mine, Round Mountain Mining District, Toquima Range, Nye

County, Nevada, USA

Blakeite - Mohawk Mine, Goldfield, Goldfield Mining District, Esmeralda

County, Nevada, USA

Cabrerite - Nickel mine (Bell Nickel; Cottonwood Canyon Nickel Mine; London

and Liverpool Mines), Bolivia, Cottonwood Canyon, Churchill County,

Nevada, USA

Callaghanite - Sierra Magnesite Mine, Gabbs, Gabbs Mining District, Nye County,

Nevada, USA

Carlinite - Carlin Gold mine, Elko, Lynn Mining District, Eureka County, Nevada,

USA

Christite - Carlin Gold mine, Elko, Lynn Mining District, Eureka County, Nevada,

JSA

Corderoite - McDermitt Mine, Opalite Mining District, Humboldt County, Nevada,

USA

Coulsonite - Buena Vista Iron Mine, Mineral Basin Mining District, Churchill

County, Nevada, USA

Crimsonite - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County,

Nevada, USA

Curetonite - Redhouse Barite Mine, Potosi Mining District, Osgood Mountains,

Humboldt County, Nevada, USA

Dadsonite - Giant Yellowknife Mine (Giant Mine), Yellowknife, North Slave Region,

Northwest Territories, Canada

- Taylor Pit, Huntingdon Township, Centre Hastings Municipality,

Hastings County, Ontario, Canada

- Graf Jost-Christian Mine, Wolfsberg, Sangerhausen, Mansfeld-

Südharz, Saxony-Anhalt, Germany

- Red Bird Mine, Antelope Springs Mining District, Pershing County,

Nevada, USA

Ellisite - Carlin Gold mine, Elko, Lynn Mining District, Eureka County, Nevada,

USA

Elyite - Caroline tunnel, Ward Mine, Ward Mining District, White Pine

County, Nevada, USA

Faustite - Copper King Mine, Schroeder Mt, Maggie Creek Mining District,

Eureka County, Nevada, USA

Ferribushmakinite - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County,

Nevada, USA

Fluorowardite - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County, Nevada, USA
Fluorwavellite - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County,

Nevada, USA

Wood Mine, Del Rio Mining District, Cocke County, Tennessee, USA
 Carlin Gold mine, Elko, Lynn Mining District, Eureka County, Nevada,

USA

Frankdicksonite

Getchellite - Getchell Mine, Adam Peak, Potosi Mining District, Osgood

Mountains, Humboldt County, Nevada, USA

Goldfieldite - Mohawk Mine, Goldfield, Goldfield Mining District, Esmeralda

County, Nevada, USA

Goldquarryite - Gold Quarry Mine, Maggie Creek Mining Subdistrict, Carlin Trend,

Eureka County, Nevada, USA

Goudeyite - Majuba Hill Mine, Antelope Mining District, Pershing County,

Nevada, USA

Heyite - Betty Jo Claim, Nevada Mining District, White Pine County, Nevada,

USA

Huntite - Ala-Mar deposit (Currant Creek deposit; Manzoni deposit), Currant

Mining District, White Pine County, Nevada, USA

Hübnerite - Erie and Enterprize veins, Ellsworth Mine, Ellsworth, Ellsworth Mining

District (Mammoth Mining District), Nye County, Nevada, USA

langreyite - Huber stock (Huber shaft; Hub stock), Krásno, Sokolov District,

Karlovy Vary Region, Czech Republic

- Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt

County, Nevada, USA

Kenhsuite - McDermitt Mine, Opalite Mining District, Humboldt County, Nevada,

USA

Krásnoite - Huber stock (Huber shaft; Hub stock), Krásno, Sokolov District,

Karlovy Vary Region, Czech Republic

- Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt

County, Nevada, USA

Mackayite - Mohawk Mine, Goldfield, Goldfield Mining District, Esmeralda

County, Nevada, USA

Matthiasweilite - Mine dump, Delamar Mine, Delamar Mining District, Lincoln County,

Nevada, USA

Metaschoderite - Gibellini Vanadium Project, Fish Creek Range, Gibellini Mining

District, Eureka County, Nevada, USA

Metastibnite - Steamboat Hot Springs, Steamboat Springs Mining District, Washoe

County, Nevada, USA

Meurigite-Na - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County,

Nevada, USA

Mikecoxite - McDermitt Mine, Opalite Mining District, Humboldt County, Nevada,

USA

Mopungite - Green prospect, Lake Mining District, Churchill County, Nevada, USA

Natrojarosite - Soda Springs Valley, Mineral County, Nevada, USA

Nevadaite - Gold Quarry Mine, Maggie Creek Mining Subdistrict, Carlin Trend,

Eureka County, Nevada, USA

Parnauite - Majuba Hill Mine, Antelope Mining District, Pershing County,

Nevada, USA

Pottsite - Linka Mine, Spencer Hot Springs Mining District, Lander County,

Nevada, USA

Radtkeite - McDermitt Mine, Opalite Mining District, Humboldt County, Nevada,

USA

Robinsonite - Red Bird Mine, Antelope Springs Mining District, Pershing County,

Nevada, USA

Schoderite - Gibellini Vanadium Project, Fish Creek Range, Gibellini Mining

District, Eureka County, Nevada, USA

Simmonsite - Zapot Pegmatite, Gillis Range, Fitting Mining District, Mineral County,

Nevada, USA

Stetefeldtite (FRL) - Combination claim, Belmont Mining District, Toquima Range, Nye

County, Nevada, USA

Stibiogoldfieldite - Mohawk Mine, Goldfield, Goldfield Mining District, Esmeralda

County, Nevada, USA

Uytenbogaardtite - Tambang Sawah, Rejang Lebong District (Rediang Lebong District),

Bengkulu Province, Indonesia

- Zmeinogorsk Mine (Zmyeinogorsk Mine), Zmeinogorsky District, Altai

Krai, Russia

- Comstock Mining District, Storey County, Nevada, USA

Weissbergite - Carlin Gold mine, Elko, Lynn Mining District, Eureka County, Nevada,

USA

Whitecapsite - White Caps Mine, Manhattan, Manhattan Mining District, Toquima

Range, Nye County, Nevada, USA

Whiteite-(CaMgMg) - Argentum Mining Co. Mine (Northern Belle Mine; Holmes Mine),

Candelaria Mining District, Mineral County, Nevada, USA

Zinclipscombite - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County,

Nevada, USA

# Type Locality Specimens – New Hampshire

19 Valid Type Locality Specimens (Includes 1 FRL) 367 Valid Minerals

1 (FRL) – First Recorded Locality of unapproved mineral/variety/etc.

Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Graftonite
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Melvin Mountain, Grafton, Grafton County, New Hampshire, USA

Hagendorfite-NaNa (FRL) - Palermo No. 1 Mine, Groton, Grafton County, New Hampshire,

USA

Hurlbutite - Chandlers Mill Quarry, Newport, Sullivan County, New Hampshire,

USA

Jahnsite-(CaMnFe) - Fletcher Mine, Groton, Grafton County, New Hampshire, USA

Manganoarrojadite-(KNa) - Palermo No. 1 Mine, Groton, Grafton County, New Hampshire,

USA

Natropalermoite
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Samuelsonite
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA
 Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA

Whitlockite - Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA

Whitmoreite - Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA Wolfeite - Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA

Xanthoxenite - Hühnerkobel Mine (Hennenkobel Mine), Rabenstein, Zwiesel, Regen

District, Lower Bavaria, Bavaria, Germany

- Palermo No. 1 Mine, Groton, Grafton County, New Hampshire, USA

#### Type Locality Specimens – New Jersey

92 Valid Type Locality Specimens (Includes 12 FRL) 494 Valid Minerals

12 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Andradite var. Polyadelphite (FRL) - Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Anomalite (FRL) - Passaic pit (Marshall Mine; Passaic Mine), Sterling Hill, Ogdensburg,

Sussex County, New Jersey, USA

Axinite-(Mn) - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Bannisterite - Benallt Mine, Rhiw, Aberdaron, Gwynedd, Wales, UK

-Franklin Mine, Franklin, Sussex County, New Jersey, USA

Bementite - Trotter Mine, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Bostwickite - Taylor Mine, Franklin Mine, Franklin, Sussex County, New Jersey, USA

Brucite - Castle Point, Hoboken, Hudson County, New Jersey, USA
Bustamite - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Cahnite - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Canaphite - Castle Point, Hoboken, Hudson County, New Jersey, USA
- Franklin Mine, Franklin, Sussex County, New Jersey, USA
- Great Notch Corp. Quarry, Great Notch, Little Falls Township,

Passaic County, New Jersey, USA

Chalcophanite - Passaic pit (Marshall Mine; Passaic Mine), Sterling Hill, Ogdensburg,

Sussex County, New Jersey, USA

Charlesite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

Chloroferrokinoshitalite (FRL) - Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA

Chlorophoenicite - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey, USA Cianciulliite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Clinohedrite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Parker shaft, Franklin Mine, Franklin, Sussex County, New Jersey, Esperite USA - Franklin Mine, Franklin, Sussex County, New Jersey, USA Feitknechtite Ferrolaueite - My Creek locality, Arneytown, Upper Freehold Township, Monmouth County, New Jersey, USA Ferrostrunzite - Raccoon Creek, Mullica Hill, Harrison Township, Gloucester County, New Jersey, USA Fluoro-tremolite - Lime Crest Quarry, Franklin Marble, Sparta Township, Sussex County, New Jersey, USA Fluor-uvite - Franklin, Sussex County, New Jersey, USA -Fowler Quarry (Nichol Quarry; B. Nicoll Quarry; Nicoll Quarry; Nicol Quarry; Cellate Quarry), Franklin Marble, Franklin, Sussex County, New Jersey, USA -Franklin Quarry, Franklin Marble, Franklin, Sussex County, New Jersey, USA - Franklin Mine, Franklin, Sussex County, New Jersey, USA Fraipontite - Altenberg mine, Kelmis, Liège, Wallonia, Belgium - Akdzhal deposit, Akdzhal, Zharma District, Abai Region, Kazakhstan - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA Franklinfurnaceite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Franklinite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Trotter Mine, Franklin Mine, Franklin, Sussex County, New Jersey, USA - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA Franklinphilite - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey, Gageite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Gageite-2M (FRL) - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, Gerstmannite USA Glaucochroite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Hancockite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Parker shaft, Franklin Mine, Franklin, Sussex County, New Jersey, USA Hardystonite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Hauckite - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA

Hendricksite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey, USA Hetaerolite - Passaic pit (Marshall Mine; Passaic Mine), Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA Hetaerolite var. Hydrohetaerolite (FRL) - Wolftone Mine, Carbonate Hill, Leadville, Lake County, Colorado, USA - Passaic pit (Marshall Mine; Passaic Mine), Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA Hodgkinsonite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Hamburg Mine, Franklin Mine, Franklin, Sussex County, New Jersey, USA Holdenite - Franklin, Sussex County, New Jersey, USA - Franklin Mine, Franklin, Sussex County, New Jersey, USA Hydrohausmannite (FRL) - Långban Mine, Långban Ore District, Filipstad, Värmland County, Sweden - Franklin Mine, Franklin, Sussex County, New Jersey, USA Hydromagnesite - Castle Point, Hoboken, Hudson County, New Jersey, USA Jarosewichite - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey, USA Jeffersonite (FRL) - Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA Jerrygibbsite - Franklin Mine, Franklin, Sussex County, New Jersey, USA **Johannsenite** - Temperino Mine, Campiglia Marittima, Livorno Province, Tuscany, Italy - Civillina Mountain, Recoaro Terme, Vicenza Province, Veneto, Italy - Franklin Mine, Franklin, Sussex County, New Jersey, USA Johnbaumite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Taylor Mine, Franklin Mine, Franklin, Sussex County, New Jersey, USA Kittatinnyite Kolicite - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, Kraisslite Larsenite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Lawsonbauerite - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey, USA Lennilenapeite - Franklin Mine, Franklin, Sussex County, New Jersey, USA - Franklin Mine, Franklin, Sussex County, New Jersey, USA Leucophoenicite - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey, USA Loseyite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Magnesiochlorophoenicite - Franklin Mine, Franklin, Sussex County, New Jersey, USA Margarosanite - Parker shaft, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Marsturite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

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

USA

Meionite var. Algerite (FRL) - Franklin Mine, Franklin, Sussex County, New Jersey, USA

Minehillite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

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

USA

Nasonite - Parker shaft, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Nelenite - Trotter Mine, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

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

USA

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

USA

Petedunnite - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Peterchinite - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Petersite-(Y) - Laurel Hill, Secaucus, Hudson County, New Jersey, USA

Pyrosmalite-(Mn) - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey,

USA

Retzian-(La) - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey,

USA

Retzian-(Nd) - Sterling Mine, Sterling Hill, Ogdensburg, Sussex County, New Jersey,

USA

Rhodonite var. Fowlerite (FRL) - Franklin Mine, Franklin, Sussex County, New Jersey, USA

Roeblingite - Parker shaft, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Roweite - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Samfowlerite - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Schallerite - Franklin Mine, Franklin, Sussex County, New Jersey, USA
Sclarite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

Sphalerite var. Cleiophane (FRL) - Franklin, Sussex County, New Jersey, USA

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

USA

Stevensite - Bergen Hill, Bergen County & Hudson County, New Jersey, USA

Sussexite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

- Hamburg Mine, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

- Trotter Mine, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Synchysite-(Y) - Scrub Oaks Mine, Mine Hill, Morris County, New Jersey, USA

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

USA

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

USA

Turneaureite - Långban Mine, Långban Ore District, Filipstad, Värmland County,

Sweden

- Franklin Mine, Franklin, Sussex County, New Jersey, USA

- Empire State No. 4 Mine, Balmat, Fowler, St. Lawrence County, New

York, USA

UM1986-10-CO:ClHMgMnZn (also called Mineral F, Dunn, 1995) (FRL) - Franklin Mine,

Franklin, Sussex County, New Jersey, USA

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

USA

Vesuvianite var. Beryllium-bearing Vesuvianite (FRL) - Franklin, Sussex County, New Jersey,

USA

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

USA

Wawayandaite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

Wendwilsonite - Bou Azzer mining district, Drâa-Tafilalet Region, Morocco

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

USA

Woodruffite - Passaic pit (Marshall Mine; Passaic Mine), Sterling Hill, Ogdensburg,

Sussex County, New Jersey, USA

Yeatmanite - Buckwheat pit, Franklin Mine, Franklin, Sussex County, New Jersey,

USA

Zincite - Franklin Mine, Franklin, Sussex County, New Jersey, USA

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

USA

#### Type Locality Specimens – New Mexico

23 Valid Type Locality Specimens 739 Valid Minerals

Agardite-(La) - Red Cloud copper mine, Gallinas Mountains, Red Cloud District,

Lincoln County, New Mexico, USA

- Red Cloud Fluorite mine, Gallinas Mountains, Red Cloud District,

Lincoln County, New Mexico, USA

Ferro-ferri-fluoro-leakeite - Canada Pinabete pluton, Questa, Taos County, New Mexico,

USA

Galileiite - Grant meteorite, Grants, Cibola County, New Mexico, USA

Georgechaoite - Wind Mountain, Cornudas Mountains, Otero County, New Mexico,

USA

Goldmanite - Unnamed prospect pit, Sandy Mine, Laguna subdistrict, Cibola

County, New Mexico, USA

Grantsite - F-33 Mine, East Grants Ridge Mining District, Cibola County, New Mexico, USA - Parco No. 23 Mine, Parco Mines, Yellow Cat Mesa, Thompsons Mining District, Grand County, Utah, USA Hendersonite - J J Mine, Paradox Valley, Montrose County, Colorado, USA - Nelson Point mine, Eastside mines, Shiprock District, San Juan County, New Mexico, USA - Lone Pine Mine, Lone Pine Hill area, Wilcox Mining District, Catron Lannonite County, New Mexico, USA Maxwellite - Squaw Creek Mine, Taylor Creek Mining District, Catron County, New Mexico, USA Metatyuyamunite - Mesa No. 1 Mine, White Ash Peak, Lukachukai Mining District, Lukachukai Mountains, Apache County, Arizona, USA - Laguna Mining District, New Mexico, USA - Haystack Mine, Ambrosia Lake subdistrict, McKinley County, New Mexico, USA - Shiprock District, San Juan County, New Mexico, USA Meurigite-K - Chino Mine (Santa Rita pit; Santa Rita Mine), Santa Rita, Santa Rita Mining District, Grant County, New Mexico, USA Plumbojarosite - Cookes Peak Mining District, Luna County, New Mexico, USA Rajite - Lone Pine Mine, Lone Pine Hill area, Wilcox Mining District, Catron County, New Mexico, USA Ramsdellite - Lake Valley Mining District, Sierra County, New Mexico, USA Raydemarkite - Summit group (Poe Mines), Cookes Peak Mining District, Luna County, New Mexico, USA Santafeite - Unnamed U mine [1], McKinley County, New Mexico, USA Scrutinyite - Sunshine No. 1 Adit, Blanchard Mine, Bingham, Hansonburg District, Socorro County, New Mexico, USA Stunorthropite - Summit Group, Cookes Peak Mining District, Luna County, New Mexico, USA Tellurobismuthite - Mosnap Mine, Moisesberg Mines, Fyresdal, Telemark, Norway - Boly Field Mine (Boley Field's Mine; Field's Mine; Field's vein), Dahlonega, Lumpkin County, Georgia, USA - Little Mildred mine (Green mine), Sylvanite Mining District, Hidalgo County, New Mexico, USA Tianhuixinite - Summit group (Poe Mines), Cookes Peak Mining District, Luna County, New Mexico, USA Virgilluethite - Summit group (Poe Mines), Cookes Peak Mining District, Luna County, New Mexico, USA

- Lone Pine Mine, Lone Pine Hill area, Wilcox Mining District, Catron

- Wind Mountain, Cornudas Mountains, Otero County, New Mexico,

County, New Mexico, USA

USA

Wilcoxite

Windmountainite

#### Type Locality Specimens – New York

12 Valid Type Locality Specimens (Includes 3 FRL)

345 Valid Minerals

3 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Brewsterite-Ba - Cerchiara Mine, Borghetto di Vara, La Spezia Province, Liguria, Italy

- Gouverneur Talc Company No. 4 Quarry (Valentine deposit), Diana

Township, Lewis County, New York, USA

Chalcodite (FRL) - Sterling Mine, Antwerp, Jefferson County, New York, USA

Clintonite - Clintonite type locality, Amity, Town of Warwick, Orange County, New

York, USA

Donpeacorite - Empire State No. 4 Mine, Balmat, Fowler, St. Lawrence County, New

York, USA

Edenite - Edenville, Town of Warwick, Orange County, New York, USA Fluoro-pargasite - Edenville, Town of Warwick, Orange County, New York, USA

Geerite - Geerite locality, De Kalb, St. Lawrence County, New York, USA

Hydrotalcite-2H (FRL) - Amity, Town of Warwick, Orange County, New York, USA

Potassic-fluoro-hastingsite - Greenwood mine (Patterson mine), Town of Tuxedo, Orange

County, New York, USA

Titanite var. Lederite (of Shepard) (FRL) - Miller Mine (Keystone Mine; Grenville graphite

deposit), Grenville-sur-la-Rouge, Argenteuil RCM, Laurentides,

Québec, Canada

- Farr property, Natural Bridge station, Diana Township, Lewis County,

New York, USA

- Town of Philipstown, Putnam County, New York, USA

- Rossie, St. Lawrence County, New York, USA

Turneaureite - Långban Mine, Långban Ore District, Filipstad, Värmland County,

Sweden

- Franklin Mine, Franklin, Sussex County, New Jersey, USA

- Empire State No. 4 Mine, Balmat, Fowler, St. Lawrence County, New

York, USA

Warwickite - Warwick, Town of Warwick, Orange County, New York, USA

# Type Locality Specimens - North Carolina

44 Valid Type Locality Specimens (Includes 2 FRL)

558 Valid Minerals

2 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Alleghanyite - Bald Knob deposit, Bald Knob, Sparta, Alleghany County, North

Carolina, USA

Blueridgeite - Redmond Mine, Waterville Lake, Haywood County, North Carolina,

USA

Boojumite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Brannockite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Cherokeeite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA - Deer Park No. 2 Mine, Penland, Mitchell County, North Carolina, USA Clarkeite Cubothioplumbite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Cuprocherokeeite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Dinilawiite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Eakerite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Earlshannonite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Fanfaniite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Ferraioloite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Finescreekite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Fluor-dravite - Crabtree Mine, Spruce Pine, Mitchell County, North Carolina, USA Footemineite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Galaxite - Bald Knob deposit, Bald Knob, Sparta, Alleghany County, North Carolina, USA Hanahanite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, Hayelasdiite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA - Redmond Mine, Waterville Lake, Haywood County, North Carolina, Haywoodite USA Hexathioplumbite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Hydroredmondite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Hydroxyapophyllite-(K) - Ore Knob Mine, Ore Knob, Ashe County, North Carolina, USA Jasonsmithite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North

Carolina, USA

Kayrobertsonite - Hagendorf South Pegmatite, Hagendorf, Waidhaus, Neustadt an der Waldnaab District, Upper Palatinate, Bavaria, Germany - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Kellvite - Bald Knob deposit, Bald Knob, Sparta, Alleghany County, North Carolina, USA Kennygayite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Kingsmountite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Lithiomarsturite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Mangangordonite - Dunton Gem Quarry, Newry, Oxford County, Maine, USA - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Metaswitzerite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Phillipsite Subgroup var. Wellsite (FRL) - Buck Creek Mine (Cullakenee Mine), Buck Creek, Clay County, North Carolina, USA Phosphuranylite - Buchanan Mine (Buchanan pegmatite), Mitchell County, North Carolina, USA Purpurite - Faires Mine, North Carolina, USA Pyrochlore Group var. Uranpyrochlore (of Hogarth 1977) (FRL) - Mitchell County, North Carolina, USA Redmondite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Sigogglinite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Siligiite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Sulfatoredmondite - Redmond Mine, Waterville Lake, Haywood County, North Carolina, USA Swinefordite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Switzerite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Tetrawickmanite - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA Whiteite-(MnMnMn) - Foote Lithium Co. Mine, Kings Mountain, Cleveland County, North Carolina, USA

- Redmond Mine, Waterville Lake, Haywood County, North Carolina,

Zincochenite

USA

## Type Locality Specimens - North Dakota

No Valid Type Locality Specimens
31 Valid Minerals

#### Type Locality Specimens - Ohio

5 Valid Type Locality Specimens (Includes 1 FRL)

90 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Brianite - Dayton meteorite, Dayton, Montgomery County, Ohio, USA
Carlsonite - Huron Shale burn site, Huron River, Huron County, Ohio, USA
Huizingite-(Al) - Huron Shale burn site, Huron River, Huron County, Ohio, USA
Panethite - Dayton meteorite, Dayton, Montgomery County, Ohio, USA

Unnamed (Fe-analogue of Huizingite-(Al)) (FRL) - Huron Shale burn site, Huron River, Huron

County, Ohio, USA

## Type Locality Specimens - Oklahoma

No Valid Type Locality Specimens
131 Valid Minerals

## **Type Locality Specimens - Oregon**

15 Valid Type Locality Specimens 300 Valid Minerals

Boggsite - Neer Road, Goble, Columbia County, Oregon, USA

Cavansite - Owyhee Dam, Lake Owyhee State Park, Malheur County, Oregon,

USA

Cowlesite - Monte Lake, Kamloops Mining Division, British Columbia, Canada

- Unnamed wash, adjacent to State Route 177, Superior area, Pinal

County, Arizona, USA

- North Table Mountain, Golden, Golden Mining District, Jefferson

County, Colorado, USA

- Neer Road, Goble, Columbia County, Oregon, USA

- Beech Creek Quarry, Mount Vernon, Grant County, Oregon, USA

Dienerite - Josephine Creek placers, Josephine Creek Mining District, Josephine

County, Oregon, USA

Erionite-K - Rome, Malheur County, Oregon, USA

Heinrichite - Wittichen, Schenkenzell, Rottweil, Freiburg Region, Baden-

Württemberg, Germany

- White King Mine, Lakeview, Lake County, Oregon, USA

Mansfieldite - Hobart Butte, Black Butte Mining District, Lane County, Oregon, USA

Metaheinrichite - Wittichen, Schenkenzell, Rottweil, Freiburg Region, Baden-

Württemberg, Germany

- White King Mine, Lakeview, Lake County, Oregon, USA

Oregonite - Josephine Creek placers, Josephine Creek Mining District, Josephine

County, Oregon, USA

Paulingite-Ca - Three Mile Creek, Ritter, Grant County, Oregon, USA

Pentagonite - Owyhee Dam, Lake Owyhee State Park, Malheur County, Oregon,

USA

Priceite - Lone Ranch Priceite Prospect, Curry County, Oregon, USA

Protoenstatite - Dust Devil Mine, Plush, Lake County, Oregon, USA
Slawsonite - Martin Bridge formation, Wallowa County, Oregon, USA
Tschernichite - Neer Road, Goble, Columbia County, Oregon, USA

#### **Type Locality Specimens - Pennsylvania**

12 Valid Type Locality Specimens (Includes 1 FRL)

418 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Celestine - Bell's Mill, Bellwood, Blair County, Pennsylvania, USA
Clinochlore - Brinton's Quarry, Westtown Township, Chester County,

Pennsylvania, USA

Desautelsite - Cedar Hill Quarry (Stoltzfuss Quarry), Fulton Township, Lancaster

County, Pennsylvania, USA

Downeyite - Forestville Coal Dump Fires, Schuylkill County, Pennsylvania, USA

Eastonite - Sherrer Quarry, C.K. Williams Quarry complex, Chestnut Hill,

Easton, Northampton County, Pennsylvania, USA

Lansfordite - Nesquehoning Coal Mine, Nesquehoning, Carbon County,

Pennsylvania, USA

Laphamite - Burnside, Northumberland County, Pennsylvania, USA

Leidyite (FRL) - Leiperville, Ridley Township, Delaware County, Pennsylvania, USA

Matulaite - Bachman Mine, Hellertown, Lower Saucon Township, Northampton

County, Pennsylvania, USA

Nesquehonite - Nesquehoning Coal Mine, Nesquehoning, Carbon County,

Pennsylvania, USA

Sauconite - Friedensville Mine, Friedensville, Upper Saucon Township, Lehigh

County, Pennsylvania, USA

- Ueberroth Mine, Friedensville, Upper Saucon Township, Lehigh

County, Pennsylvania, USA

Wheatleyite - Wheatley Mines, Schuylkill Township, Chester County, Pennsylvania,

USA

## Type Locality Specimens - Rhode Island

No Valid Type Locality Specimens 153 Valid Minerals

## Type Locality Specimens – South Carolina

No Valid Type Locality Specimens 146 Valid Minerals

#### Type Locality Specimens - South Dakota

30 Valid Type Locality Specimens (Includes FRL)

405 Valid Minerals

0 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Arrojadite-(KFe) - Serra Branca pegmatite, Pedra Lavrada, Paraíba, Brazil

- Nickel Plate Mine, Keystone, Keystone Mining District, Pennington

County, South Dakota, USA

Černýite - Tanco Mine, Bernic Lake, Lac-du-Bonnet area, Manitoba, Canada

- Hugo Mine, Keystone, Keystone Mining District, Pennington County,

South Dakota, USA

Ehrleite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Ferrobobfergusonite - Victory Mine, Custer, Custer Mining District, Custer County, South

Dakota, USA

Ferrowyllieite - Victory Mine, Custer, Custer Mining District, Custer County, South

Dakota, USA

Fransoletite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Griphite - Everly Mine (Riverton lode), Harney City, Pennington County, South

Dakota, USA

Hureaulite var. Bastinite (FRL) - Custer Mountain lode (Snookum mine), Custer, Custer

Mining District, Custer County, South Dakota, USA

Jahnsite-(CaMnMg) - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Jahnsite-(NaFeMg) - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Johnwalkite - Champion Mine, Keystone, Keystone Mining District, Pennington

County, South Dakota, USA

Loomisite - Big Chief Mine, Glendale, Keystone Mining District, Pennington

County, South Dakota, USA

Maghagendorfite - Dike Lode, Keystone Mining District, Pennington County, South

Dakota, USA

Metavivianite - Big Chief Mine, Glendale, Keystone Mining District, Pennington

County, South Dakota, USA

Olmsteadite - Big Chief Mine, Glendale, Keystone Mining District, Pennington

County, South Dakota, USA

Pahasapaite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Parafransoletite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Pararobertsite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Perloffite - Big Chief Mine, Glendale, Keystone Mining District, Pennington

County, South Dakota, USA

Robertsite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Rosemaryite - Rock Ridge pegmatite, Custer, Custer Mining District, Custer County,

South Dakota, USA

Segelerite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Sinkankasite - Barker-Ferguson Mine, Keystone, Keystone Mining District,

Pennington County, South Dakota, USA

Tantalite-(Fe) - Upper Bear Gulch, Tinton Pegmatite Mining District, Lawrence

County, South Dakota, USA

Tinsleyite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Tiptopite - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Tomcampbellite - Dan Patch Mine, Keystone, Keystone Mining District, Pennington

County, South Dakota, USA

Walentaite - White Elephant Mine, Cicero Peak, Pringle, Custer Mining District,

Custer County, South Dakota, USA

Whiteite-(CaMnMg) - Tip Top Mine, Fourmile, Custer Mining District, Custer County, South

Dakota, USA

Wyllieite - Old Mike mine (Great Northern; Old Mike M.S.2212), Custer, Custer

Mining District, Custer County, South Dakota, USA

# Type Locality Specimens – Tennessee

9 Valid Type Locality Specimens (Includes FRL)

196 Valid Minerals

(FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Coskrenite-(Ce) - Alum Cave Bluff, Sevier County, Tennessee, USA

Destinezite - Argenteau, Visé, Liège, Wallonia, Belgium

- Alum Cave Bluff, Sevier County, Tennessee, USA

Fluorwavellite - Silver Coin Mine, Valmy, Iron Point Mining District, Humboldt County,

Nevada, USA

- Wood Mine, Del Rio Mining District, Cocke County, Tennessee, USA

Lawrencite - Tazewell meteorite, Claiborne County, Tennessee, USA

Levinsonite-(Y) - Alum Cave Bluff, Sevier County, Tennessee, USA

Meteoritic Iron var. Tazewellite (FRL) - Tazewell meteorite, Claiborne County, Tennessee,

USA

Nitrocalcite - Nicajack Cave (Nicojack Cave), Marion County, Tennessee, USA
Nitromagnesite - Nicajack Cave (Nicojack Cave), Marion County, Tennessee, USA

Zugshunstite-(Ce) - Alum Cave Bluff, Sevier County, Tennessee, USA

#### Type Locality Specimens – Texas

17 Valid Type Locality Specimens (Includes 2 FRL)

355 Valid Minerals

2 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Behoite - Rode Ranch pegmatite, Llano County, Texas, USA

Chambersite - Storage Well No. 1, Barbers Hill Salt Dome (Barbers Hill), Mont

Belvieu, Chambers County, Texas, USA

Chladniite - Carlton meteorite, Carlton, Hamilton County, Texas, USA

Comancheite - Mariposa Mine, Brewster County, Texas, USA

Eglestonite - Terlingua Mining District, Texas, USA

Finchite - Sulfur Springs Draw, Lamesa, Martin County, Texas, USA

- Pandora Mine, La Sal Mining District, San Juan County, Utah, USA

Gianellaite - Mariposa Mine, Brewster County, Texas, USA

Kleinite - Terlingua Mining District, Texas, USA
Montroydite - Terlingua Mining District, Texas, USA
Mosesite - Terlingua Mining District, Texas, USA
Pinchite - Terlingua Mining District, Texas, USA

Rowlandite-(Y) - Baringer Hill Mine, Bluffton, Llano County, Texas, USA
Terlinguacreekite - Perry Pit, Mariposa Mine, Brewster County, Texas, USA

Terlinguaite - Terlingua Mining District, Texas, USA

Thorite var. Thorogummite (FRL) - Baringer Hill Mine, Bluffton, Llano County, Texas, USA

Yttrialite-(Y) - Baringer Hill Mine, Bluffton, Llano County, Texas, USA Yttrocrasite-(Y) (FRL) - Unnamed pegmatite, Burnet County, Texas, USA

# Type Locality Specimens – Utah

129 Valid Type Locality Specimens (Includes 1 FRL)

886 valid minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Abelsonite - WOSCO Well, Uintah County, Utah, USA

Abernathyite - Fumerole No. 2 Mine, Temple Mountain Mining District, Emery

County, Utah, USA

Adanite - North Star Mine (Star Consolidated Mine), Mammoth, Tintic Mining

District, East Tintic Mountains, Utah, USA

Alexearlite - McDermitt Mine, Opalite Mining District, Humboldt County, Nevada, USA - Lucky Boy Mine, Mount Baldy-Ohio Mining District, Piute County, Utah, USA Aluminocopiapite - Mosquito Fork, Forty Mile River, Southeast Fairbanks Census Area, Alaska, USA - Temple Mountain Mining District, Emery County, Utah, USA Alwilkinsite-(Y) - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA Ammoniojarosite - Kaibab fault, Kane County, Utah, USA Ammoniozippeite - Burro Mine, San Miguel County, Colorado, USA - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA - Wildcat Project, Detroit Mining District, Juab County, Utah, USA Andymcdonaldite Anorthominasragrite - North Mesa Mine Group, Temple Mountain Mining District, Emery County, Utah, USA - Tintic Standard No. 2 Shaft, Tintic Standard Mine, Dividend, East Argentojarosite Tintic Mining District, Utah County, Utah, USA - North Star Mine (Star Consolidated Mine), Mammoth, Tintic Mining Arsenogoldfieldite District, East Tintic Mountains, Utah, USA Austinite - Gold Hill Mine, Gold Hill, Gold Hill Mining District (Clifton Mining District), Tooele County, Utah, USA Barnesite - Cactus Rat Mine, The Poison Strip, Thompsons Mining District, Grand County, Utah, USA Beaverite-(Cu) - Horn Silver Mine, Frisco, San Francisco Mining District, Beaver County, Utah, USA Belakovskiite - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA Beryl var. Red Beryl (FRL) - Maynard's Mine, Pismire Knolls, Thomas Range, Juab County, Utah, USA - The Cove (Topaz Valley), Topaz Mountain, Thomas Range, Juab County, Utah, USA - North Lily Mine, East Tintic Mining District, Utah County, Utah, USA Billingsleyite Bixbyite-(Mn) - Maynard's Mine, Pismire Knolls, Thomas Range, Juab County, Utah, USA Blatonite - Jomac Mine, White Canyon Mining District, San Juan County, Utah, USA Bluelizardite - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA Bobcookite - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA - North Mesa Mine Group, Temple Mountain Mining District, Emery Bobjonesite

County, Utah, USA

Bodieite - Pittsburg-Liberty Mine (Pittsburg claim; Pittsburg No. 2 claim; Liberty

claim; Liberty No. 2 claim), New York Hill, Masonic Mining District,

Bodie Hills, Mono County, California, USA

- North Star Mine (Star Consolidated Mine), Mammoth, Tintic Mining

District, East Tintic Mountains, Utah, USA

Boltwoodite - Pick's Delta Mine, San Rafael Swell Mining District, Emery County,

Utah, USA

Braitschite-(Ce) - Cane Creek potash mine, Interriver Mining District, Grand County,

Utah, USA

Cannonite - Tunnel Extension No. 2 Mine, Mount Baldy-Ohio Mining District, Piute

County, Utah, USA

Chayesite - Moon Canyon, Woodland, Summit County, Utah, USA

Chenowethite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

- Green Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Chinleite-(Nd) - Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Chinleite-(Y) - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Cobaltoblödite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Cobaltzippeite - Happy Jack Mine (Blue Dike Mine), White Canyon Mining District, San

Juan County, Utah, USA

Coconinoite - Huskon No. 7 Mine, Huskon Mines (Huskon group), Cameron,

Cameron Mining District, Coconino County, Arizona, USA

- Sun Valley Mine (Jay Rird claims), Marble Canyon, Vermillion Cliffs

Mining District, Coconino County, Arizona, USA

- Jomac Mine, White Canyon Mining District, San Juan County, Utah,

USA

Corvusite - Ponto No. 3 Claim, Gypsum Valley Mining District, San Miguel

County, Colorado, USA

– Jack claim, Gateway Mining District, Grand County, Utah, USA

Crandallite - Brooklyn Mine, Silver City, Tintic Mining District, East Tintic

Mountains, Utah, USA

Dagenaisite - Gold Chain Mine, Mammoth, Tintic Mining District, East Tintic

Mountains, Utah, USA

Dickthomssenite - Firefly-Pigmay Mine, La Sal Creek Mining District, San Juan County,

Utah, USA

Downsite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Eitelite - Carter Oil Company Poulson No. 1 Well, Duchesne County, Utah,

USA

Englishite - Clay Canyon, Fairfield, Sunshine Mining District, Utah County, Utah, USA

Eurekadumpite - Centennial Eureka Mine, Eureka, Tintic Mining District, East Tintic

Mountains, Utah, USA

Fangite - Mercur Disseminated Gold Mine (Marion Hill pit), Mercur Mining

District, Tooele County, Utah, USA

Fanguangite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Fermiite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Fervanite - Gypsum Valley Mining District, San Miguel County, Colorado, USA

- Polar Mesa, Gateway Mining District, Grand County, Utah, USA

Feynmanite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

- Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Finchite - Sulfur Springs Draw, Lamesa, Martin County, Texas, USA

– Pandora Mine, La Sal Mining District, San Juan County, Utah, USA

Frankhawthorneite - Centennial Eureka Mine, Eureka, Tintic Mining District, East Tintic

Mountains, Utah, USA

Garrelsite - South Ouray No. 1 well, Ouray, Uteland Knoll Mining District (Ouray

Mining District), Uintah County, Utah, USA

Gillulyite - Lulu Cut, South Mercur Pit, Mercur Mining District, Tooele County,

Utah, USA

Goldhillite - Middle pit, Gold Hill Mine, Gold Hill, Gold Hill Mining District (Clifton

Mining District), Tooele County, Utah, USA

Goldichite - Dexter No. 7 Mine, Calf Mesa Mining District, Emery County, Utah,

USA

Gordonite - Clay Canyon, Fairfield, Sunshine Mining District, Utah County, Utah,

USA

Grantsite - F-33 Mine, East Grants Ridge Mining District, Cibola County, New

Mexico, USA

- Parco No. 23 Mine, Parco Mines, Yellow Cat Mesa, Thompsons

Mining District, Grand County, Utah, USA

Greenlizardite - Green Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Haynesite - Repete Mine, Montezuma Canyon Mining District, San Juan County,

Utah, USA

Holfertite - Holfertite pit, Starvation Canyon, Thomas Range, Juab County, Utah,

USA

Jensenite - Centennial Eureka Mine, Eureka, Tintic Mining District, East Tintic

Mountains, Utah, USA

Juabite - Centennial Eureka Mine, Eureka, Tintic Mining District, East Tintic

Mountains, Utah, USA

Juanitaite - Gold Hill Mine, Gold Hill, Gold Hill Mining District (Clifton Mining

District), Tooele County, Utah, USA

Karpenkoite - Little Eva Mine, Yellow Cat Mesa, Thompsons Mining District, Grand

County, Utah, USA

Klaprothite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Larisaite - Repete Mine, Montezuma Canyon Mining District, San Juan County,

Utah, USA

Lasalite - Vanadium Queen Mine, La Sal Creek Mining District, San Juan

County, Utah, USA

Leesite - Jomac Mine, White Canyon Mining District, San Juan County, Utah,

USA

Leisingite - Centennial Eureka Mine, Eureka, Tintic Mining District, East Tintic

Mountains, Utah, USA

Leószilárdite - Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Liangjunite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Libbyite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Lussierite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Magnesioleydetite - Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Magnesiopascoite - Blue Cap Mine, La Sal Creek Mining District, San Juan County, Utah,

USA

Magnesiozippeite - Lucky Strike No. 2 Mine, San Rafael Swell Mining District, Emery

County, Utah, USA

Mallardite - Lucky Boy Mine, Bingham Mining District, Salt Lake County, Utah,

USA

Manganoblödite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Markeyite - Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Martyite - Blue Cap Mine, La Sal Creek Mining District, San Juan County, Utah,

USA

Meisserite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Meitnerite - Green Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Meta-aluminite - Fumerole No. 2 Mine, Temple Mountain Mining District, Emery

County, Utah, USA

Metahewettite	- Thompsons Mining District, Grand County, Utah, USA
Metavariscite	- Edison Bird Mine, Utahlite Hill, Box Elder County, Utah, USA
Meyrowitzite	- Markey Mine, Red Canyon Mining District, San Juan County, Utah, USA
Millisite	- Clay Canyon, Fairfield, Sunshine Mining District, Utah County, Utah, USA
Montgomeryite	- Clay Canyon, Fairfield, Sunshine Mining District, Utah County, Utah, USA
Nashite	<ul> <li>Saint Jude Mine, Slick Rock Mining District, Colorado, USA</li> <li>Little Eva Mine, Yellow Cat Mesa, Thompsons Mining District, Grand County, Utah, USA</li> </ul>
Natromarkeyite	- Markey Mine, Red Canyon Mining District, San Juan County, Utah, USA
Natrozippeite	- Happy Jack Mine (Blue Dike Mine), White Canyon Mining District, San Juan County, Utah, USA
Navrotskyite	- Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA
Neighborite	- Sun Haverstrite Well, Uintah County, Utah, USA
Nestolaite	- Little Eva Mine, Yellow Cat Mesa, Thompsons Mining District, Grand County, Utah, USA
Nitscheite	- Green Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA
Northstarite	- North Star Mine (Star Consolidated Mine), Mammoth, Tintic Mining District, East Tintic Mountains, Utah, USA
Oldsite-(K)	- North Mesa Mine Group, Temple Mountain Mining District, Emery County, Utah, USA
Ophirite	- Ophir Hill Consolidated Mine, Ophir, Ophir Mining District, Tooele County, Utah, USA
Oppenheimerite	- Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA
Orthominasragrite	- North Mesa Mine Group, Temple Mountain Mining District, Emery County, Utah, USA
Oswaldpeetersite	- Jomac Mine, White Canyon Mining District, San Juan County, Utah, USA
Ottohahnite	- Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA
Overite	- Clay Canyon, Fairfield, Sunshine Mining District, Utah County, Utah, USA
Pandoraite-Ba	- Pandora Mine, La Sal Mining District, San Juan County, Utah, USA
Pandoraite-Ca	- Pandora Mine, La Sal Mining District, San Juan County, Utah, USA
Paramarkeyite	- Markey Mine, Red Canyon Mining District, San Juan County, Utah, USA
Pararaisaite	- North Star Mine (Star Consolidated Mine), Mammoth, Tintic Mining District, East Tintic Mountains, Utah, USA

Péligotite - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA Pintadoite - Frisco No. 2 claim, Pintado Canyon, San Juan County, Utah, USA Plášilite - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA - Blue Cap Mine, La Sal Creek Mining District, San Juan County, Utah, Postite USA - Vanadium Queen Mine, La Sal Creek Mining District, San Juan County, Utah, USA - Markey Mine, Red Canyon Mining District, San Juan County, Utah, Pseudomarkeyite USA Pseudomeisserite-(NH4) - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA Rabbittite - Lucky Strike No. 2 Mine, San Rafael Swell Mining District, Emery County, Utah, USA Rauvite - Temple Mountain Mining District, Emery County, Utah, USA - Flat Top Mesa, Temple Mountain Mining District, Emery County, Utah, USA Redcanyonite - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA - Joseph Smith No. 1 well, Duchesne County, Utah, USA Reedmergnerite Rietveldite - Jáchymov ore district, Karlovy Vary Region, Czech Republic - Willi Agatz mine, Dresden, Saxony, Germany - Giveway-Simplot Mine, Red Canyon Mining District, San Juan County, Utah, USA Scenicite - Green Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA - Scenic mine, Fry Mesa, White Canyon Mining District, San Juan County, Utah, USA - Blue Lizard Mine, Red Canyon Mining District, San Juan County, Seaborgite Utah, USA Shinarumpite - Scenic mine, Fry Mesa, White Canyon Mining District, San Juan County, Utah, USA Shumwayite - Giveway-Simplot Mine, Red Canyon Mining District, San Juan County, Utah, USA - Green Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA Strassmannite - Green Lizard Mine, Red Canyon Mining District, San Juan County, Utah, USA - Markey Mine, Red Canyon Mining District, San Juan County, Utah, USA

- Bawana Mine, Rocky Mining District, Rocky Range, Beaver County,

Stringhamite

Utah, USA

Svornostite-(NH4) - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Tinticite - Unnamed cave, Tintic Standard Mine, Dividend, East Tintic Mining

District, Utah County, Utah, USA

Tooeleite - U.S. Mine, Gold Hill, Gold Hill Mining District (Clifton Mining District),

Tooele County, Utah, USA

Tungstenite - Emma Mine, Alta, Little Cottonwood Mining District, Salt Lake

County, Utah, USA

Umohoite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Uranoclite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Uroxite - Burro Mine, San Miguel County, Colorado, USA

- Markey Mine, Red Canyon Mining District, San Juan County, Utah,

USA

Utahite - Centennial Eureka Mine, Eureka, Tintic Mining District, East Tintic

Mountains, Utah, USA

Uvanite - Temple Mountain Mining District, Emery County, Utah, USA

Vanpeltite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Wangpuite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Wardite - Clay Canyon, Fairfield, Sunshine Mining District, Utah County, Utah,

USA

Weeksite - Autunite No. 8 claim, Topaz Mountain, Thomas Range, Juab County,

Utah, USA

Wetherillite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

Whelanite - Bawana Mine, Rocky Mining District, Rocky Range, Beaver County,

Utah, USA

Wildcatite - High Grade Hill prospect, Wildcat Project, Detroit Mining District,

Juab County, Utah, USA

Yellowcatite - School Section 32; 22-22, Thompsons Mining District, Grand County,

Utah, USA

Zhenruite - Freedom No. 2 Mine, Marysvale Mining District, Piute County, Utah,

USA

Zincorietveldite - Blue Lizard Mine, Red Canyon Mining District, San Juan County,

Utah, USA

### Type Locality Specimens - Vermont

4 Valid Type Locality Specimens 176 Valid Minerals

Chesterite - Carlton Quarry, Chester, Windsor County, Vermont, USA
Clinojimthompsonite - Carlton Quarry, Chester, Windsor County, Vermont, USA
Jimthompsonite - Carlton Quarry, Chester, Windsor County, Vermont, USA
Wonesite - Post Pond Volcanics, Mt Cube Quadrangle, Norwich, Windsor

County, Vermont, USA

#### Type Locality Specimens – Virginia

3 Valid Type Locality Specimens 432 Valid Minerals

Goosecreekite
Loudounite
- New Goose Creek Quarry, Leesburg, Loudoun County, Virginia, USA
- New Goose Creek Quarry, Leesburg, Loudoun County, Virginia, USA
- Midvale Mine, South Mountain, Midvale, Rockbridge County, Virginia, USA

#### Type Locality Specimens - Washington

11 Valid Type Locality Specimens (Includes 2 FRL)

458 valid minerals

2 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Calciohilairite - Washington Pass, Golden Horn Batholith, Okanogan County,

Washington, USA

Coquandite - Pereta Mine, Scansano, Grosseto Province, Tuscany, Italy

- Lucky Knock Mine, Okanogan County, Washington, USA

Ferrierite-Na - Altoona-Pillar Rock Road roadcuts, Altoona, Wahkiakum County,

Washington, USA

Hydrokenoelsmoreite var. Ferritungstite (FRL) - Germania Mine, Springdale Mining District,

Stevens County, Washington, USA

Lasmanisite - Bear Basin Mines, Buena Vista Mining District, King County,

Washington, USA

Mackinawite - Mackinaw Mine, Monte Cristo Mining District, Snohomish County,

Washington, USA

Meta-autunite - Daybreak Mine, Mount Kit Carson, Spokane County, Washington,

USA

Okanoganite-(Y) - Washington Pass, Golden Horn Batholith, Okanogan County,

Washington, USA

Oxy-dravite var. Oxy-dravite-1A (FRL) - Bald Hornet Prospect, Snoqualmie Mining District,

King County, Washington, USA

Paulingite-K - Rock Island Dam, Douglas County, Washington, USA

Zektzerite - Washington Pass, Golden Horn Batholith, Okanogan County,

Washington, USA

#### Type Locality Specimens - West Virginia

No Valid Type Locality Specimens 69 Valid Minerals

#### Type Locality Specimens – Wisconsin

2 Valid Type Locality Specimens (Includes 1 FRL) 329 Valid Minerals

1 (FRL) - First Recorded Locality of unapproved mineral/variety/etc.

Honessite - Linden, Iowa County, Wisconsin, USA

Pyrochlore Group var. Ceriopyrochlore (of Hogarth 1977) (FRL) - Wausau Intrusive

Complex, Marathon County, Wisconsin, USA

#### Type Locality Specimens – Wyoming

18 Valid Type Locality Specimens (Includes 1 FRL) 336 Valid Minerals

1 (FRL) – First Recorded Locality of unapproved mineral/variety/etc.

Bradleyite - John Hay Jr. Well No. 1, Sweetwater County, Wyoming, USA

Clinoferrosilite - Obsidian Cliff, Park County, Wyoming, USA
Clinoptilolite-K - Hoodoo Mountain, Park County, Wyoming, USA

Dorrite - Durham Ranch paralava occurrence, Reno Junction, Campbell

County, Wyoming, USA

Esseneite - Durham Ranch paralava occurrence, Reno Junction, Campbell

County, Wyoming, USA

Ewaldite - Diamond Alkali Daco No. 3, Sweetwater County, Wyoming, USA

Häggite - Drill Hole TR-713, Carlile, Crook County, Wyoming, USA

Loughlinite - Westvaco mine, Green River Basin, Sweetwater County, Wyoming,

JSA

Mckelveyite-(Y) - Diamond Alkali Daco No. 3, Sweetwater County, Wyoming, USA

Metazellerite - Lucky MC mine (Lucky Mac), Fremont County, Wyoming, USA

Norsethite - Westvaco mine, Green River Basin, Sweetwater County, Wyoming,

USA

Paralabuntsovite-Mg - Westvaco mine, Green River Basin, Sweetwater County, Wyoming,

USA

Potassic-jeanlouisite - Zirkel Mesa, Leucite Hills Mining District, Sweetwater County,

Wyoming, USA

Shortite - John Hay Jr. Well No. 1, Sweetwater County, Wyoming, USA

Unnamed (Ba aluminate) (FRL) - Durham Ranch paralava occurrence, Reno Junction,

Campbell County, Wyoming, USA

Wegscheiderite - Perkins Wel

Xuite

- Perkins Well No. 1, Sweetwater County, Wyoming, USA

- Menan volcanic complex, Rexburg area, Madison County, Idaho, USA

- Gilette, Campbell County, Wyoming, USA

Zellerite - Lucky MC mine (Lucky Mac), Fremont County, Wyoming, USA