

Catalogue of mineral species occurring in Canada (2009)

Revision 6, updated Dec 2009

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Introduction

This is the **sixth** annual revision of the web-based catalogue, which was inspired by and follows the long tradition of earlier compilations of Canadian mineral species. The first such compilation was Chapter XVII by T.S. Hunt, in the 19th century classic, *Geology of Canada* (Logan *et al.* 1863), which listed 70 species, including two new minerals and noted their geographic occurrences. The *Annotated list of minerals occurring in Canada* by G.C. Hoffmann, published in 1889, listed 180 species and 95 varieties with detailed locality information. An independent monograph, *A list of Canadian mineral occurrences*, by R.A.A. Johnston, followed in 1915, with 260 mineral entries with their occurrences, chemical analyses and references. Fifty-five years elapsed before the next compilation, the monumental *Catalogue of Canadian minerals*, by R.J. Traill, appeared in 1970. This work listed 450 species and literally thousands of individual occurrences, especially for economically significant minerals. Traill's catalogue was updated by a supplement in 1974, and a last complete and updated printed version was published in 1983; this version listed 699 species. Since an updated and printed version, similar to Traill's catalogues is unlikely, due to the scope of the work and cost of publishing, I thought that a simplified format is a useful substitute. This format posted on the CMA website, has the advantage of being universally accessible and can be updated annually. Unlike earlier catalogues, this is not a compilation of all known occurrences of a given mineral, but rather a catalogue of mineral species found in Canada, with at least one cited reference for the reported occurrence. While an attempt was made to cite the earliest reported occurrence of a mineral, the aim is not to establish some sort of priority, but to find at least one reliable reference, preferably in readily accessible literature, that allows the inclusion of a given species in the catalogue. For some very rare or exotic species multiple references and in some cases multiple localities are given. Traill's 1983 catalogue with detailed locality information, denoted as (T83), remains a very important cornerstone and starting point of this compilation. Canadian localities other than those given in the cited references may also be found by accessing the MINDAT database (www.mindat.org), which has probably the largest and constantly updated mineral locality database.

Revision 1 of the present format was first compiled by the author in 2003, and was posted on the CMA website. In that first revision, I have added more than 470 species, found through a meticulous literature search, to Traill's 699 species. Additional data were kindly provided by the individuals listed in the acknowledgement below. Traill's 1983 catalogue required many corrections due to significant changes in mineral nomenclature in the period of 1983-2003. These included the implementation of new or revised IMA sanctioned nomenclature for: rare-earth minerals (Levinson 1966, Nickel & Mandarino 1987, Bayliss & Levinson 1988), pyroxenes (Morimoto 1988), platinum-group elements and alloys (Harris & Cabri 1991), amphiboles (Leake *et al.* 1997 & 2003), zeolites (Coombs *et al.* 1997), micas (Rieder *et al.* 1998), labuntsovite group (Chukanov *et al.* 2002) and the eudialyte group (Johnsen *et al.* 2003).

Revision 1 (2003) listed 1298 species.

Revision 2 (2004) listed 1363 species.

Revision 3 (2005) listed 1393 species.

Revision 4 (2006) listed 1403 species, or more than double the species in Traill's (1983) catalogue.

This revision also had an important new addition, the approximately 130 unnamed mineral phases reported from Canadian occurrences.

Revision 5 (2008) listed 1419 species and type localities for the more than 200 minerals first described from Canada, and localities for selected rare and exotic species have been added.

Revision 6 (2009) lists **1452** confirmed (including IMA approved but unpublished) species, and **79 unnamed minerals**. Many significant changes to the nomenclature approved by the IMA – CNMNC (Burke

2006 & 2008) are incorporated in this revision, along with the recently codified IMA list of unnamed Canadian minerals (Smith & Nickel 2007).

Acknowledgement:

Accumulated contributions to the Revisions 1-4, consisting of species information, comments and corrections, by the following individuals are gratefully acknowledged (in alphabetical order): Gary Ansell, Malcolm Back, Anton Chakhmouradian, Scott Ercit, Robert Gault, Edward Grew, Tim Jokela, Ruslan Liferovich, Robert Martin, Roger Mitchell, Igor Pekov, Michel Picard, Glenn Poirier, Robert Ramik, Ekaterina Reguir, Andy Roberts, Ralph Rowe, Andy Tindle and the RRUFF project database.

Participation is encouraged in this ongoing project by anyone able to provide information on additional species that should be included in this catalogue. Any new information will be appended to this catalogue annually. The data required for inclusion in the catalogue: (1) the mineral name, (2) locality and (3) reference, preferably from a recognized and generally available publication. In the case of unpublished occurrences the name of the investigator and locality information would be desirable. Any comments to improve and information to update the catalogue is very much appreciated.

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References

Abbreviations: AC = *Acta Crystallographica*; AJS = *American Journal of Science*; AM = *American Mineralogist*; APMC = *Acta Petrologica et Mineralogica (China)*; BCIMM = *Bulletin of the Canadian Institute of Mining and Metallurgy*; BCMEM = British Columbia Ministry of Energy & Mines; BdM = *Bulletin de Minéralogie*; Cat08 = HORVÁTH (2008); CIMM CV = *Canadian Institute of Mining and Metallurgy Special Volume*; CJC = *Canadian Journal of Chemistry*; CJES = *Canadian Journal of the Earth Sciences*; CJM = *Canadian Journal of Research*; CM = *Canadian Mineralogist*; CMN = Canadian Museum of Nature (Ottawa); CMP = *Contributions to Mineralogy and Petrology*; Dana97 = Gaines *et al.* 1997; EG = *Economic Geology*; EJM = *European Journal of Mineralogy*; EMG = *Exploration and Mining Geology*; GB69 = Pouliot (1969); GCA = *Geochimica et Cosmochimica Acta*; GSC EGR = *Geological Survey of Canada, Economic Geology Report*; GSC MR = *Geological Survey of Canada, Miscellaneous Report*; HBM = *Handbook of Mineralogy*, Anthony *et al.* (1990-2003); JCS = *Journal of the Chemical Society (London)*; JG = *Journal of Geology*; JP = *Journal of Petrology*; LRM = *Le Règne Minéral*; MD = *Mineralium Deposita*; MM = *Mineralogical Magazine*; Mnews = *Micronews* [Can. Micro Mineral Association]; MP = *Mineralogy & Petrology*; MPS = *Meteoritics and Planetary Science*; MW = *Mineralien Welt*; MR = *Mineralogical Record*; NJbM = *Neues Jahrbuch für Mineralogie, Monatshefte*; NAL = *Nova Acta Leopoldina*; RMG = *Reviews in Mineralogy & Geochemistry* (MSA & GS publication); OGSOFF = Ontario Geological Survey Open file; RM = *Rocks & Minerals*; T83 = Traill (1983); RMI = *Rivista Mineralogica Italiana*; TRSC = *Transactions, Royal Society of Canada*; UTGS = *University of Toronto Geological Series, Contributions to Canadian Mineralogy*; Sab78 = Sabina (1978); ZoW = Tschernich (1992); ZVMO = *Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva*;

Only selected references (mainly monographs, standard reference books and papers on nomenclature) are included with this file because including all references would make it too cumbersome.

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Latest entry: 2009 12 21, current number of valid species: 1452, unnamed minerals: 79

Locality abbreviations appearing in catalogue ([used only when lacking space](#)):

FQM = Francon quarry, Montreal, QC

KIP = Kipawa complex, Villedieux Township, QC

MSH = Mont St-Hilaire, QC

STA = St-Amable sill, QC

SLK = Seal Lake, Red wine complex, NF

STR = Strange Lake complex, NF & QC

OKA = Oka complex, QC

Revision 6 additions & changes

Additions: (35)

Arrojadite-(K,Fe)	(“arrojadite” MR 23, 14-15; AM 91, 1249) [Big Fish River & Rapid Creek, YU]
Bobdownsite	(RRUFF database publ. pending) [TL: Big Fish River, YU]
Burgessite	(CM 47, 165-180) [TL: Keeley mine, ON]
Burkeite	(S.J. Mills MINDAT [White Lake, Similkameen District, BC])
Bussite-(Ce)	(CM 47, 193) [TL: Mont St-Hilaire, QC] IMA 2007-039
Dioptase	(F. Letourneau & R. Rowe pers. com. CMN)[Jeffrey mine, Asbestos, QC]
Eirikite	(Raade (2008) IMA 2003-017) [Mont St-Hilaire, QC]
Euclase	(R. Hill 2009 08 26 pers. comm.) [Mount Broussiloff, BC]
Groatite	(CM 47, 1225) [Tanco pegmatite, Bernic Lake, MN]
IMA 2003-019	[TL: Mont St-Hilaire, QC - UK99] (McDonald in press)
IMA 2008-004	[TL: Premier mine, Stewart, BC] – (Bindi in prep. - approved Apr 2008)
IMA 2008-064	[TL: Cross Lake, MN] (F. Hawthorne –alluaudite group – appr. Feb 2009)
IMA 2009-013	[TL: Mont St-Hilaire, QC - UK60 &UK60a] (Piilonen <i>et al.</i> in prep.)
IMA 2009-020	[TL: Mont St-Hilaire, QC – UK107] (McDonald <i>et al.</i> approved Jul 1 2009)
IMA 2009-021	[TL: Mont St-Hilaire, QC – UK108] (McDonald <i>et al.</i> approved Jul 1 2009)
IMA 2009-043	[TL: Mont St-Hilaire, QC – UK75] (McDonald <i>et al.</i> approved Sep 2009)
IMA 2009-050	[TL : Bonnet Island, Georgian Bay, Parry Sound, ON](E. Grew appr Oct 09)
IMA 2009-083	[TL : Jeffrey mine, Asbestos, QC](R. Rowe waiting for appr. Dec 09)

Indium	(MINDAT - A. Petrov) [Tulameen River, BC]
Kaňkite	(CM 47, 533) [Meguma Terrane, NS]
Lecoqite-(Y)	[TL: Mont St-Hilaire, QC IMA 2008-069] (Pekov <i>et al.</i> in press CM 48, xx)
Merillite	(castaing.eps.mcgill.ca) [St-Robert meteorite]
Moissanite	(MW 2009/1, 66) [Jeffrey mine, Asbestos, QC]
Nacareniobsite-(Ce)	(Can. Museum of Nature coll.) [Mont Saint-Hilaire, QC]
Nioboaeschnite-(Y)	(CM 46, 395) [TL: Bear Lake, ON]
Niveolanite	(CM 46, 1343) [TL: Mont St-Hilaire, QC]
Potassicarfvedsonite	(RRUFF R050516) [Red Wine complex, NF]
Ranciéite	(J. Post pers. comm. 2005) [Mont St-Hilaire & St-Amable sill, QC]
Rémondite-(La)	(R. Gault pers. comm.) [Mont St-Hilaire, QC]
Schwertmannite	(CM 47, 533) [Meguma Terrane, NS]
Shandite	(MW 2009/1, 74.) [Jeffrey mine, Asbestos, QC]
Sokolovaite	(CM 47, 337 [Moblan Lake, QC]; AM 88, 1832 [Red Cross Lake, MN])
Tooeleite	(CM 47, 533) [Meguma Terrane, NS]
Uedaite-(Ce)	(Yakovleva <i>et al.</i> 2009) [Mont St-Hilaire, QC]
Yingjangite	(RRUFF R070740) [Kamaka bar, Fraser River, BC]

Nomenclature & other changes:

Akaganeite	(Cat08 was “akaganéite” Burke 2008) (CM 27, 311-313)
Apatite-(CaCl)	(changed from “chlorapatite“ - Burke 2008)
Apatite-(CaF)	(T83 was “apatite”; Cat08 was “fluorapatite” - Burke 2008)
Apatite-(CaOH)	(GSC Paper 81-23, 11- was “hydroxylapatite” - Burke 2008)
Apatite-(CaOH)-M	(EJM 18, 105 was “clinohydroxylapatite“ - Burke 2008) [TL: Seagull Lake, ON]
Apatite-(SrOH)	(CM 40, 121; was “strontium-apatite” - Burke 2008)
Apophyllite-(KF)	(T83 was “apophyllite“; Cat08 was “fluorapophyllite“ - Burke 2008)
Apophyllite-(KOH)	(MR 21, 315- [MSH, QC] Cat08 was “hydroxyrapophyllite“ - Burke 2008)
Apophyllite-(NaF)	(CM 38, 1215; was “natroapophyllite” - Burke 2008)
Axinite-(Fe)	(MR 8, 517, MR 11, 14); Cat08 was “ferro-axinite” - Burke 2008)
Axinite-(Mn)	(MR 11, 15); Cat08 was “manganaxinite” - Burke 2008)
Calcioancylite-(Ce)	(MR 21, 284); Cat08 was “calcio-ancylite-(Ce) - Burke 2008)
Calciocatapleite	(CM 30, 191); Cat08 was “calcium catapleite” - Burke 2008)
Carbonatecyanotrichite	(Cat08 was “carbonate-cyanotrichite“ - Burke 2008)
Carbonate-fluorapatite	(discredited = carbonate-rich apatite-(CaF) - Burke 2008) dropped from catalogue
Carbonate-hydroxylapatite	(discredited = carbonate-rich apatite-(CaOH) - Burke 2008) dropped from catalogue
Cobaltpentlandite	(CM 9, 597); was “cobalt-pentlandite“ - Burke 2008)
Columbite-(Fe)	(Cat08 was “ferrocolumbite” - Burke 2008)
Columbite-(Mn)	(Cat08 was “manganocolumbite” - Burke 2008) [MSH + others]
Ellestadite-(F)	(GB69GAC) [OkA]; Cat08 was “fluorellestadite“ - Burke 2008)
Manganoneptunite	(Cat08 was “mangan-neptunite” - Burke 2008)
Nickel-skutterudite	(T83 was “chloanthite”; Cat08 was “nickel-skutterudite - Burke 2008)
Pyrosmalite-(Fe)	(CM 27, 311; 31, 695 was “pyrosmalite”; Cat08 was “ferropyrosmalite” - Burke 2008)
Pyrosmalite-(Mn)	(MR 20, 201 was “pyrosmalite”; Cat08 “manganopyrosmalite” - Burke 2008)
Tantalite-(Fe)	(T83 was “tantalite”; Cat08 was “ferrotantalite” - Burke 2008)
Tantalite-(Mn)	(T83 was “tantalite”; Cat08 was “manganotantalite” - Burke 2008)
Tapiolite-(Fe)	(CM 28, 133 was “ferrotapiolite” - Burke 2008)

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Mineral names in bold are Canadian type minerals [**Adamsite-(Y)**]; [**TL**: type locality]; [**mineral name =**
Rev. 6 name change]

Abenakiite-(Ce)	(CM 32, 843) [TL : Mont St-Hilaire, QC]
Acanthite	(T83)
Actinolite	(T83)
Adamsite-(Y)	(CM 38, 1457) [TL : Mont St-Hilaire, QC]
Aegirine	(T83)
Aegirine-augite	(CM 36, 779) [Mont St-Hilaire, QC]
Aenigmatite	(T83)
Aeschynite-(Ce)	(GSC database) [Seal Lake, Red Wine complex, NF]
Aeschynite-(Y)	(T83 "aeschynite")
Agrellite	(CM 14, 120) [TL : Kipawa complex, Villedieu, Twp., QC]
Aikinite	(T83)
Akaganeite	(Cat08 was "akaganéite" Burke 2008) (CM 27, 311-313)
Åkermanite	(T83)
Aktashite	(Harris 1989) [Hemlo deposit, ON]
Alabandite	(T83)
Albite	(T83)
Aleksite	(Dana97, 59) [Barringer mine, Timmins, ON]
Alforsite	(CM 22, 653) [Ross River, YU]
Allanite-(Ce)	(T83)
Allanite-(La)	(MM 55, 497-507) [Hemlo, ON]
Allanite-(Y)	(MR 3, 69-77 was "Y-allanite") [Evans Lou, QC]
Allargentum	(CM 10, 163-172; T83) [TL : Beaver mine, Cobalt, ON]
Alloclasite	(T83)
Allophane	(T83)
Almandine	(T83)
Altaite	(T83)
Alluaudite	(T83 "hühnerkobelite") (MR 23, 34; CM 36, 609)
Aluminite	(MR 23, 4-47) [Rapid Creek, YT]
Aluminocopiapite	(T83)
Alunite	(T83)
Alunogen	(T83)
Amblygonite	(T83)
Amesite	(CM 22, 437)
Analcime	(T83)
Anatase	(T83)
Ancylite-(Ce)	(CM 9, 109 & 10, 512; GSC Paper 78-1A, 253; MR 21, 295 & 29, 93)
Ancylite-(La)	(MR 29, 83-118) [St-Amable sill, QC]
Andalusite	(T83)
Andesine	(T83)
Andorite	(T83)
Andradite	(T83)
Anglesite	(T83)
Anhydrite	(T83)
Anilite	(CM 19, 583-591)
Ankerite	(T83)
Annabergite	(T83)
Annite	(MR 21, 296) [Mont St-Hilaire, QC]

Anorthite	(CMN collections: CMNGE 22392, CMNMC 45112)
Anorthoclase	(RM 70, 90-138)
Antarcticite	(MD 33 (1998), 579-590)
Anthoinite	(CM 32, 567-574)
Anthophyllite	(T83)
Antigorite	(MR 7, 177-178)
Antimony	(T83)
Antlerite	(T83)
Apatite-(CaCl)	(T83 changed from "chlorapatite" - Burke 2008)
Apatite-(CaF)	(T83 was "apatite"; Cat08 was "fluorapatite" - Burke 2008)
Apatite-(CaOH)	(GSC Paper 81-23, 11- was "hydroxylapatite" - Burke 2008)
Apatite-(CaOH)-M	(EJM 18, 105 was "clinohydroxylapatite" - Burke 2008) [TL: Seagull Lake, ON]
Apatite-(SrOH)	(CM 40, 121; was "strontium-apatite" Burke 2008)
Apowite	(CM 8, 166-171; T83) [TL: Magnet Cove mine, Walton, NS]
Apophyllite-(KF)	(T83 was "apophyllite"; Cat08 was "fluorapophyllite" - Burke 2008)
Apophyllite-(KOH)	(MR 21, 315- [MSH, QC]Cat08 was "hydroxyrapophyllite" - Burke 2008)
Apophyllite-(NaF)	(CM 38, 1215; was "natroapophyllite" - Burke 2008)
Aragonite	(T83)
Ardennite-(As)	(Naturhist. Mus. Vienna specimen) [Remigny, QC]
Arfvedsonite	(T83)
Argentopentlandite	(CM 12, 165-168; 24, 369-377)
Argentopyrite	(MR 27, 433-438)
Argyrodite	(T83) [Dolly Varden mine, Alice Arm, BC]
Armalcolite	(CM 36, 117-135)
Armenite	(CM 22, 453-464) [Remigny, QC]
Armstrongite	(CM 30, 191-205) [Strange Lake, QC & NF]
Arrojadite-(K,Fe)	("arrojadite" AM 91, 1249; MR 23, 14-15) [Big Fish River & Rapid Creek, YU]
Arrojadite-(K,Na)	(AM 91, 1249-70) [TL: Rapid Creek, YU]
Arsenic	(T83)
Arsenobismite	(T83)
Arsenohauecornite	(MM 43, 877-878) [TL: Vermilion mine, Sudbury, ON]
Arsenolite	(T83)
Arsenopyrite	(T83)
Arsenosulvanite	(B.C. GeolSurv/minfile)
Artinite	(T83)
Asbolane	(MINDAT) [Port Radium, NT]
Ashcroftine-(Y)	(MR 10, 99; MR 21, 296-297) [Mont St-Hilaire, QC]
Astrophyllite	(T83)
Atacamite	(T83)
Athabascaite	(CM 10, 135-36 & 207-215; T83) [TL: Martin Lake mine, Uranium City, SK]
Atokite	(CM 30, 121-136)
Augelite	(MR 23, 16) [Rapid Creek, YU]
Augite	(T83)
Aurichalcite	(T83)
Auricupride	(MR 13, 391-392)
Aurostibite	(AM 37, 461-69; T83) [TL1 = Yellowknife, NT; TL2 = Timiskaming Dist., ON]
Autunite	(MR 17, 339)
Axinite-(Fe)	(MR 8, 517, MR 11, 14); Cat08 was "ferro-axinite" - Burke 2008)
Axinite-(Mn)	(MR 11, 15); Cat08 was "manganaxinite" - Burke 2008)
Azurite	(T83)
Awaruite	(T83)

Baddeleyite	(AM 59, 249; GSC Paper 76-1B, 16; MR 37, 20)
Bafertisite	(CM 34, 779-801)
Baileychlore	(Mnews 37(4) 11) [Mont St-Hilaire, QC]
Bakerite	(Sabina 1978)
Banalsite	(Mitchell & Liferovich pers. comm. 2004)
Baotite	(CMP 150, 212-229) [Deadhorse Creek, ON]
Barićite	(CM 14, 403-406; T83) [TL : Rapid Creek, YU]
Bariopyrochlore	(Mitchell & Liferovich pers. comm. 2004)
Barite	(T83)
Barrerite	(CM 38, 1215-1232)
Barylite	(AM 47, 764; MR 10, 99) [Seal Lake, NF; Mont St-Hilaire, QC]
Barytocalcite	(T83)
Barytolamprophyllite	(MR 18, 364) [Mont St-Hilaire, QC]
Basaluminite	(GSC Misc. Rep. 49, Sabina 1991)
Bassanite	(T83)
Bassetite	(NS Dept. Mines database)
Bastnäsite-(Ce)	(T83)
Batisite	(CM 35, 53-78 ?)
Baumhauerite (Sb dominant)	(CM 9, 209; MR 13, 93 - Sb:As = 1.03 & 1.12) [Madoc, ON]
Baumhauerite	(Harris 1989) [Hemlo deposit, ON]
Bavenite	(CM 11, 562, MR 21, 298) [Winnipeg River, MN; Mont St-Hilaire, QC]
Bayleyite	(GSC P 77-1C, 95)[Rabbit Lake uranium mine, SK]
Becquerelite	(GSC EGR 16, 307; GSC Bull. 31, 71)[Nistowiack Lake & Lake Athabasca, SK]
Behoite	(MR 10, 99; 21, 284) [Mont St-Hilaire, QC]
Benjaminite (revalidated)	(CM 13, 402-407) [NTL2 : Great Bear Lake, NT; NTL3 : Timiskaming Dist., ON]
Benleonardite	(RM 79(2), 94-99)
Berryite	(CM 11, 1016)[Owen Lake, BC]
Berthierite	(T83)
Berthierine	(MR 21, 299) [Mont St-Hilaire, QC]
Bertrandite	(CMN - CMNMC 52244) [East Kemptville, NS; Mont St-Hilaire, QC]
Beryl	(T83)
Beryllonite	(MR 21, 284-359)
Berzelianite	(GSC P 77-1B, 113; GSC Bull 31, 55)[Baker Lake, NT; Martin Lake, SK]
Betafite	(T83)
Beudantite	(T83)
Beusite	(CM 24, 599-604; CM 36, 367-376)
Beyerite	(AM 56, 395) [Evans Lou mine, QC]
Bianchite	(MR 21, 534)
Bikitaite	(OGSOF 6000, 1-25) [Separation Rapids, ON]
Bindheimite	(T83)
Biotite series	(T83)
Birnessite	(T83)
Bischofite	(MR 24, 385)
Bismite	(T83)
Bismoclite	(GSC P 73-30, 70)[Preissac mine, QC]
Bismuth	(T83)
Bismuthinite	(T83)
Bismuthite	(T83)
Bismutoferrite	(T83)
Bismutomicrolite	(CM 36, 367-376 & 609-635)
Bismutopyrochlore	(S. Ercit pers. comm. 2003)

Bityite (T83)
 Bjarebyite (MR 23, 4-47)
Bobdownsite (RRUFF database publ. pending) [TL: Big Fish River, YU]
Bobfergusonite (CM 24, 599-604) [TL: Cross Lake, MN]
 Bobierrite (MR 23, 4-47) [Big Fish River, YU]
Bobtraillite (CM 43, 747-758) [TL: Mont St-Hilaire, QC, QC]
 Böhmite (T83 "boehmite")
 Bohdanowiczite (T83)
 Boltwoodite (T83)
 Bonshtedtite (Lapis 25(2000), 7/8, 23-61)
 Boracite (CM 28, 351-362)
 Bornite (T83)
 Borovskite (CM 42, 667-681)
 Boulangerite (T83)
 Bournonite (T83)
 Bowieite (CM 28, 579-695)
 Boyleite (CMN collections: CMNOC 282 to 285, 3358)
 Bradleyite (Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
 Braggite (CM 17, 453)[Black Lake & Thetford Mines, QC](MD 42, 601)[Lac des Iles m., ON]
 Brannerite (T83)
 Braunite (T83)
 Bravoite (T83)
 Brazilianite (CM 14, 127) [Rapid Creek, YU]
 Breithauptite (T83)
 Brewsterite-Ba (MR 37, 288) [Blue Mountain, Peterborough Co. ON]
 Brewsterite-Sr (MR 15, 93 "brewsterite") [Yellow Lake, BC]
Brianroulstonite (CM 35, 751-758; CM 43, 1475) [TL: Penobsquis, NB]
 Britholite-(Ce) (T83 also "*lessingite*") [Oka, MSH, Kipawa, QC]
 Brochantite (T83)
 Brockite (CM 25, 181-183; MR 21. 299-300)
 Brookite (T83)
 Brucite (T83)
 Brugnatellite (MR 13, 227) York River, Bancroft, ON (GSC P. 78-1A, 335)[Notre-Dame-du Laus, QC]
 Brushite (MR 23, 4-47)
 Bultfonteinite (MM 65, 133-148) [Lac de Gras, NT]
 Burbankite (CM 12, 342, GSC Paper 67-51, 68) [MSH & Miron q. Montréal, QC]
Burgessite (CM 47, 165-180) [TL: Keeley mine, ON]
 Burkeite (S.J. Mills MINDAT [White Lake, Similkameen District, BC]
Bussyite-(Ce) (CM 47, 193) [TL: Mont St-Hilaire, QC] IMA 2007-039
 Bustamite (GSC Economic Geology Report 36, 1-86)
 Bütschliite (Hoffmann 1889, 25) [Brockville, ON]
Bytownite (T83) [TL: Ottawa, ON]
 Cacozenite (T83)
 Cabriite (CM 28, 579-695)
 Cadmoselite (GSC Paper 76-1A, 311) [Kidd Creek mine, ON]
 Cafarsite (Harris 1989) [Hemlo deposit, ON]
 Calaverite (T83)
 Calcioancylite-(Ce) (MR 21, 284); Cat08 was "calcio-ancylite-(Ce) - Burke 2008)
Calcioburbankite (CM 33, 1231-1235) [TL: Mont St-Hilaire, QC]
 Calciocatapleiite (CM 30, 191); Cat08 was "calcium catapleiite" - Burke 2008)
 Calciohilairite (CM 30, 191; CM 34, 349; MR 29, 95) [MSH, STA, STR]

Calciosamarskite	(AM 13, 63; AM 62, 403; MM 63, 27) [TL1 = Hybla, ON; TL2 = Conger Lake, ON]
Calciovolborthite	(MR 15, 89)
Calcite	(T83)
Calderite (revalidated)	(CM 17, 569; JP 7, 246-305) [NTL2 = Wabush Lake, NF]
Caledonite	(T83)
Calzirtite	(GAC/MAC 2002 Mtg. Abst. V18)
Cancrinite	(T83)
Cancrisilite	(Mnews 2007 41(2), 3-4.) [Mon St-Hilaire, QC]
Canfieldite	(T83)
Cannilloite	(CMN G. Poirier) [Mont St-Hilaire, QC]
Carbocernaite	(CM 11, 812; MR 21, 301) [Sturgeon Narrows, ON; Mont St-Hilaire, QC]
Carbonatecyanotrichite	(Cat08 was "carbonate-cyanotrichite" - Burke 2008)
Caresite	(CM 35, 1541-1549) [TL: Mont St-Hilaire, QC]
Carletonite	(AM 56, 1855) [TL: Mont St-Hilaire, QC]
Carnallite	(MR 24, 385)
Carnotite	(T83)
Carrollite	(T83)
Caryopilite	(CM 31, 695-710)
Cassiterite	(T83)
Catapleite	(CM 8, 120; Sab78, 253; MR 21, 301; MR 29, 95) [7 Canadian localities]
Cattierite	(T83)
Caysichite-(Y)	(CM 12, 293; MR 3, 69-77) [TL: Evas-Lou m., Val des Monts, QC]
Cebollite	(GB69 50) [Oka, QC]
Celadonite	(T83)
Celestine	(T83)
Celsian	(T83)
Cerianite-(Ce)	(AM 40, 560) [TL: Nemegos, Sudbury Dist. ON]
Ceripyrochlore-(Ce)	(CM 34, 479-484)
Cerite-(Ce)	(T83)
Černýite	(CM 16, 139-146) [TL: Tanco pegmatite, Bernic Lake, MN]
Cerussite	(T83)
Cervantite	(N.S. database)
Cesstibtantite	(CEV98)
Chabazite ser.	(T83)
Chabazite-Ca	(Lapis 25(2000), 7/8, 23-61; CM 41, 139-160)
Chabazite-Na	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Chalcanthite	(T83)
Chalcoalumite	(GSC Misc. Rep. 49, 159-160, Sabina 1991)
Chalcocite	(T83)
Chalcomenite	(T83)
Chalconatronite	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Chalcophanite	(CMN collections: CMNOC 131)
Chalcopyrite	(T83)
Chalcostibite	(T83)
Chambersite	(CM 43, 1459-1487) [Penobsquis, NB]
Chamosite	(T83)
Chapmanite	(UTGS 17(1924), 5-8; T83) {TL: Keeley m., Timiskaming Distr., ON}
Charmarite	(CM 35, 1541-1549) [TL: Mont St-Hilaire, QC]
Chekhovichite	(Liferovich & Mitchell pers. comm. 2005)[Coldwell complex, ON]
Cheralite-(Ce)	(BCGS Minfile 094B 028; Aley Creek, BC)
Chevkinite-(Ce)	(MM 60(1996), 403-418)

Childrenite	(MR 23, 4-47) [Rapid Creek, YU]
Chkalovite	(MR 18, 364; MR 21, 303) [Mont St-Hilaire, QC]
Chlorargyrite	(T83)
Chloritoid	(T83)
Chlormagaluminite	(CMN specimen; Mnews 35(2001) 5)
Chondrodite	(T83)
Chromite	(T83)
Chrysoberyl	(T83)
Chrysocolla	(T83)
Chrysotile	(clino-, para- and ortho- polytypes were discredited as species in 2007)
Cinnabar	(T83)
Clarkeite	(NS Dept. Mines database)
Clausthalite	(T83)
Clerite	(CM 45, 1038; UN1989-/-S:MnSb)[Hemlo, ON]
Clinochlore	(MR 9, 249)
Clinoenstatite	(GCA 46, 2083-2097)
Clinohumite	(MR 13, 227)
Clinoptilolite-K	(Mnews 36(2002) 2, 6) [Mont St-Hilaire, QC]
Clinoptilolite-Ca	(CM 38, 1215-1232; MR 37, 283)
Clinoptilolite-Na	(CM 38, 1215-1232)
Clinosafflorite	(CM 10, 877) [TL: Cobalt, ON]
Clinozoisite	(MR 9, 249)
Coalingite	(T83)
Cobaltite	(T83)
Cobaltpentlandite	(CM 9, 597); was “cobalt-pentlandite“ - Burke 2008)
Coffinite	(CM, 25, 625-628)
Collinsite	(TRSC 42(1926), 18;T83) [TL: Francois Lake, BC]
Colemanite	(CM 28, 351-362)
Coloradoite	(Harris 1989) [Hemlo deposit, ON]
Columbite-(Fe)	(Cat08 was “ferrocolumbite” - Burke 2008)
Columbite-(Mn)	(Cat08 was “manganocolumbite” - Burke 2008) [MSH + others]
Colusite	(GSC Paper 76-1, 311)[Kidd Creek mine, Timmins, ON]
Congolite	(CM 40, 1572-1581; CM 43, 1459-1487) [Penobsquis, NB]
Conichalcite	(MINDAT) [Silvana mine, Sandon, BC]
Connellite	(GSC Paper 66-51, 123)[Pigeon Hill, NB]
Cookeite	(T83)
Cooperite	(CM 28, 503-535)
Copiapite	(T83)
Copper	(T83)
Coquimbite	(T83)[Spatsum Claim, Cache Creek (S. of), BC]
Cordierite	(T83)
Cordylite-(Ce)	(CM 13, 93; MR 21, 303; MR 28, 96) [MSH & St-Amable sill, QC]
Cornubite	(MR 3, 69-77) [Evans Lou, QC]
Coronadite	(CMN collections: CMNOC 133 to 135, 247)
Corrensite	(CM 26, 957-964)
Corundum	(T83)
Cosalite	(T83)
Cotunnite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Covellite	(T83)
Cowlesite	(AM 60, 951) [TL3 = Monte Lake, BC]
Crerarite	(NJbM 1994 567-575) [TL: Lac Sheen, Belleterre, QC]

Crandallite	(CEV98; CM 44, 563)
Crichtonite	(MM 60, 403; LRM (2006) No.71, 34; CMP 150, 212)
Criddleite	(MM 52, 691) [TL: Hemlo deposit, ON]
Cristobalite	(Sabina 1979; MR 37, 5-60) [Francon q. Montreal, QC]
Crocoite	(Sabina 1979; MR 37, 5-60) [Francon q. Montreal, QC]
Cronstedtite	(CMN collections: CMNMC 48515)
Crooksite	(HBM V1, 115; NAL 28, No.170, 77-94)
Cryolite	(T83; MR 21, 284-359; MR 29, 83-118; MR 37, 5-60)
Cryptomelane	(T83)
Cubanite	(T83)
Cummingtonite	(T83)
Cuprite	(T83)
Cuproiridsite	(CM 28, 579-695)
Cuprorhodsite	(CM 28, 579-695)
Cuprosklodowskite	(T83)
Cuprospinel	(CM 11, 1003) [TL: Rambler m., Baie Verte, NF]
Curite	(T83)
Cyanochroite	(T83)
Cyanotrichite	(GSC Paper 66-51, 66)[Eastern Metals m. St-Fabien, QC]
Dachiardite-Na	(CM 19, 285-289; MR 37, 27-28) [Francon quarry, Montreal, QC]
Dadsonite	(CM 9, 191-213, MM 37, 437-441) [TL1: Yellowknife, YU; TL2: Madoc, ON]
Dalyite	(CM 30, 191-205)
Danalite	(T83)
Danburite	(T83)
Daqingshanite-(Ce)	(MR 21, 284-359) [Mont St-Hilaire, QC]
Datolite	(T83)
Davidite-(Ce)	(T83 "davidite")
Davyne	(Davis q. Bancroft, ON - T. Jokela TBC)
Dawsonite	(TRSC 4(1908), 165-177; MR 37, 28-30) [TL: Montréal, QC]
Devilline	(T83)
Dewindtite	(CM 25, 185-193)
Diadochite	(MR 23, 4-47)
Diamond	(T83)
Diaphorite	(MR 31, 219-229)
Diaspore	(T83)
Dickite	(T83)
Digenite	(MR 23, 529)
Diomignite	(CM 25, 173-189) [TL: Tanco pegmatite, Bernic Lake, MN]
Diopside	(T83)
Dioptase	(F. Letourneau & R. Rowe pers. com. CMN)[Jeffrey mine, Asbestos, QC]
Djerfisherite	(CM 32, 815-823)
Djurleite	(T83)
Dolomite	(T83)
Domeykite	(T83)
Donnayite-(Y)	(CM 16, 335; MR 21, 305-306; MR 29, 97) [TL: Mont St-Hilaire, QC]
Dorfmanite	(MR 21, 284-359) [Mont St-Hilaire, QC]
Doyleite	(CM 23, 21-28) [TL1: Mont St-Hilaire, QC; TL2: Francon q., Montréal, QC]
Dravite	(MR 21, 284-359)
Dresserite	(CM 10, 84-89; T83) [TL: Francon q., Montréal, QC]
Dufrenite	(T83)
Dufrénoysite	(Harris 1989) [Hemlo deposit, ON]

Dumortierite	(T83)
Dundasite	(T83)[Keno & Galena Hills, YU]
Durangite	(T83)
Duranusite	(CM 18, 525-527)
Dypingite	(MR 23, 4-47)
Dyscrasite	(T83)
Dzhalindite	(CM 10, 781)[Mount Pleasant Sn deposit, NB]
Edenite	(Mnews 35(2001) 5,)
Edingtonite	(CM 22, 253; MR 12, 221; MR 21, 306) [Ice River, BC, MSH, QC]
Eirikite	(Raade (2008; Larsen <i>et al.</i> (in press)) IMA 2003-017) [Mont St-Hilaire, QC]
Ekanite (redefined)	(CM 20, 65-76) [NTL2: Tombstone Mountains, YU]
Elbaite	(several localities; e.g., CMNMC 43172)
Ellestadite-(F)	(GB69GAC) [OkA]; Cat08 was "fluorellestadite" - Burke 2008)
Elpidite	(CM 9, 109 & 286; MR 21, 306; MR 29, 97; MR 37, 5) [MSH, STA, FQM]
Emplectite	(T83)
Empressite	(T83)
Enargite	(T83)
Enstatite	(T83; Horváth 2003, 56) [TL : Paul Island, Nain, Labrador, NF]
Eosphorite	(MR 23, 19)[Rapid Creek & Big Fish River, YU]
Epididymite	(CM 9, 109; MR 21, 307; MR 29, 97) [MSH, STA]
Epidote	(T83)
Epistilbite	(T83)
Epistolite	(MR 18, 364; MR 21, 308; MR 29, 98) [MSH, STA]
Epsomite	(T83)
Ercitite	(CM 38, 893-898) [TL: Tanco mine, Bernic Lake, MN]
Erdite	(MR 21, 308; MR 29, 98) [MSH, STA]
Erionite ser.	(T83)
Erionite-K	(pers. comm. T. Nikischer 2003) [Chase Creek, Falkland, BC]
Erlichmanite	(CM 28, 503-535)
Ernstite	(MR 23, 4-47)[Big Fish River, YU]
Erythrite	(T83)
Eskebornite	(CM 10, 787)[Martin Lake, Lake Athabasca area, SK]
Eucairite	(CM 10, 207)[Martin Lake, SK](GSC Paper 76-1A, 311)[Kidd Creek mine, ON]
Euclase	(R. Hill 2009 08 26) [Mount Broussiloff, BC]
Eucryptite	(CM 11, 709; CM 8, 377)[Tanco Peg., MN; Nakina, ON]
Eudialyte	(T83) [MSH, STA, Kipawa, QC; Seal Lake, NL]
Eudidymite	(CM 11, 554; MR 21, 309) [Seal Lake, Labrador, NF; Mont St-Hilaire, QC]
Eulytine	(AM 56, 395 was "eulytite") [Evans Lou mine, QC]
Euxenite-(Y)	(T83)
Ewaldite	(CM 10, 99; MR 21, 309) [Mont St-Hilaire, QC]
Fairchildite	(T83)
Fairfieldite	(CM 38, 893-898)
Famatinite	(EG 34, 754)[B.E.A.R. deposit, Contact Lake, NT]
Farringtonite	(GCA 24, 198-205) [TL: Springwater meteorite, Springwater, SK]
Faujasite ser.	(T83)
Faujasite-Na	(Lapis 25(2000), 7/8, 23; MR 37, 283)
Fayalite	(MR 8, 36; CM 27, 73)
Felsőbányaite	(CMN collections: CMNOC 1929)
Ferberite	(CM 32, 567-574)
Fergusonite-(Y)	(T83)
Ferri-annite	(CM 35, 53-78)

Ferricopiapite	(CMN collections: CMNMC 49498, 50598)
Ferrierite series	(TRSC 4(1918), 185-190) [TL: Kamloops Lake, BC]
Ferrierite-Mg	(CM 35, 1571-1606) [TL: Kamloops Lake, BC]
Ferrimolybdate	(AJS 173, 297-303; T83; Horváth 2003, 60) [TL5: Renfrew, ON]
Ferrisymplesite	(UTGS 17, 13; T83) [TL: Hudson mine, Cobalt, ON]
Ferritungstite	(CM 32, 567-574)
Ferroalluaudite	(MR 23, 4-47 was "ferro-alluaudite") [Rapid Creek, YU]
Ferro-actinolite	(CMNMC 46186; CJES 28, 1653-1663)[MSH]
Ferrobarrrosite	(CJES 28, 1653-1663)
Ferrobustamite	(MINDAT) [Ice River, BC]
Ferrocéladonite	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Ferro-edenite	(CMN G. Poirier) [Mont St-Hilaire, QC]
Ferro-eckermannite	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Ferro-edenite	(CM 21, 81-91) [TL: Baie des Mouton complex, La Tabatière, QC]
Ferrohornblende	(CJES 28, 1653-1663)
Ferrokentbrooksit	(CM 41, 55-60) [TL: Mont St-Hilaire, QC]
Ferronigerite	(MINDAT 2N1S polytype) [Geco mine, Manitouwadge, ON]
Ferronyboïte	(Lapis 25(2000), 7/8, 23-61) [Mont Saint-Hilaire, QC]
Ferropargasite	(CJES 28, 1653-1663) [MSH]
Ferrorichterite	(CJES 28, 1653-1663) [MSH]
Ferrosilite	(CM 31, 695-710)
Ferrotitanowodginite	(CM 36, 637-658)
Ferrotschermakite	(CM 37, 1385-1403)
Ferrowinchite	(CJES 28, 1653-1663)
Ferrowodginite	(CM 36, 609-635)
Fersmite	(CM 10, 765; BC MEMPR 1987-1) [Winnipeg River, MN; Aley carbonatite, BC]
Feruvite	(CM 34, 733-740; 36, 433)
Fibroferrite	(T83)
Fillovite	(CM 24, 599-604)
Fischesserit	(CM 22, 229)
Fizélyite	(MR 2000, 219-229; MD 42, 627) [Brandywine Creek, BC; Montauban, QC]
Fletcherite	(MINDAT) [Kidd Creek mine, ON]
Florencite-(Ce)	(CM 19, 536-540)
Fluoborite	(T83)
Fluorbritholite-(Ce)	(APMC 15(1996), 40-45; MR 27, 463) [TL: Mont St-Hilaire, QC]
Fluorite	(T83)
Fluoro-magnesio-arfvedsonite (I. Pekov - Horváth pers. comm. 2005)	[Mont St-Hilaire, QC]
Fluoro-potassic-magnesio-arfvedsonite	(CM 26, 739; CM 44, 289) [TL: Cantley, Val-des-Monts, QC; also Kipawa (RRUFF); MSH]
Fluorrichterite	(CMN collections; several; e.g., CMNMC 47058) [Mont St-Hilaire, QC]
Foitite	(CEV98)
Formanite-(Y)	(CM 38, 685-694)
Forsterite	(T83 "olivine")
Fourmarierite	(T83)
Francevillite	(GSC Paper 68-74, 5)[Little Miminegash Pond, PE]
Franckeite	(T83)
Franconite	(CM 22, 239-243; MR 21, 310; MR 29, 99-100) [TL: Francon q., Montréal, QC]
Franklinite	(T83)
Freboldite	(HBM I, 161) [Pinky Fault U-deposit, SK]
Freibergite	(CM 16, 625-640; MR 20, 207)
Freieslebenite	(T83)

Fresnoite	(MR 17, 340)
Frohbergite	(UTGS 51, 35; AM 32, 210; T83) [TL: Montbray, Abitibi Co. QC]
Froodite	(CM 6, 200; T83) [TL: Frood mine, Sudbury, ON]
Fourmarierite	(CM 25, 185-193)
Fülöppite	(MR 22, 265)
Gadolinite-(Y)	(T83)
Gagarinite-(Y)	(CJES 30, 2423-2435) [Strange Lake, QC-NF]
Gahnite	(T83)
Gaidonnayite	(CM 12, 316) [TL: Mont St-Hilaire, QC]; MR 29, 83][STA + KIP]
Galena	(T83)
Galenobismutite	(T83)
Galkhaite	(Harris 1989) [Hemlo deposit, ON]
Ganophyllite	(MR 21, 311) [Mont St-Hilaire, QC]
Garronite	(MR 21, 311; MR 37, 290) [MSH, QC; Davis Hill, ON]
Garyansellite	(AM 69, 207-209) [TL: Rapid Creek, YU]
Gaspéite	(AM 51, 677-684) [TL: Lemieux Township, Gaspé-Ouest, QC]
Gaultite	(CM 32, 855-863) [TL: Mont St-Hilaire, QC]
Gedrite	(CM 18, 275-284)
Gehlenite	(TRSC 17, 4, 127-151)
Geikielite	(T83)
Genkinite	(CM 28, 503-535)
Genthelvitte	(CM 9, 109-123; MR 21, 311-312) [Mont St-Hilaire, QC]
Geocronite	(T83)
Gerinite-(Y)	(CM 36, 793-800) [TL: Strange Lake complex, QC & NF]
Germanite	(NS Dept. Mines database)
Gersdorffite	(T83)
Geversite	(CM 33, 665-670)
Gibbsite	(T83)
Gillespite	(T83)
Ginorite	(T83)
Giorgiosite	(MR 23, 37)
Gismondine	(CSC Mem. 74(1915), 105; MR 21, 312; MR 37, 35 & 290) [1 L, NS; 1 L, ON; 3 L, QC]
Gittinsite	(CM 18, 201-203) [TL: Kipawa complex, Villedieu, Twp., QC]
Gjerdingenite-Na	(CM 45, 529-539) [TL: Mont St-Hilaire, QC]
Gladite	(T83)
Glaucodot	(T83)
Glaucosite	(T83)
Glaucophane	(CM 28, 855-858)
Gmelinite ser.	(T83)
Gmelinite-Na	(Lapis 25(2000), 7/8, 23-61)
Gobbinsite	(MR 21, 312) [Mont St-Hilaire, QC]
Godlevskite	(CM 11, 879; MR 25, 339-340) [Timmins, ON; St-Denis-de-Brompton, QC]
Goethite	(T83)
Gold	(T83)
Gonnardite	(T83)
Gorceixite	(MR 23, 4-47)
Gordonite	(MR 23, 4-47)
Gormanite	(CM 19, 381-387) [TL: Rapid Creek, YU]
Götzenite	(CM 9, 109-123; MR 21, 313) [Mont St-Hilaire, QC]
Goyazite	(MR 23, 4-47)
Graftonite	(CM 36, 367-376)

Grandidierite	(CMN collections: CMNMC 49123)
Graphite	(T83)
Greenalite	(T83)
Greenockite	(T83)
Greigite	(MR 21(1990), 284)
Griceite	(CM 27, 125-127) [TL: Mont St-Hilaire, QC]
Griphite	(pers. comm., T.S. Ercit) [Cross Lake, MN]
Groatite	(CM 47, 1225) [Tanco pegmatite, Bernic Lake, MN]
Grossular	(T83)
Groutite	(T83)
Grunerite	(T83)
Guanajuatite	(MR 20, 207)
Gudmundite	(T83)
Guettardite	(CM 9, 7; CM 9, 191; CM 9, 507) [TL: Madoc, ON]
Gunningite	(CM 7, 209; T83) [TL: Keno Hill, YU]
Gustavite	(T83)
Gypsum	(T83)
Gyrolite	(T83)
Hafnion	(R&M 82(2007) 412) [Leduc mine, QC; Tanco pegm. MN]
Hagendorfite	(MR 23, 4-47)
Haineaultite	(CM 42, 769-780) [TL: Mont St-Hilaire, QC]
Halite	(T83)
Halloysite	(MR 27, 121-134)
Halotrichite	(T83)
Hambergite	(CM 41, 117-137) [Stargazer Claim, NT]
Harmotome	(T83)
Harrisonite	(CM 31, 775-780) [TL: Arcedeckne Island, Franklin District, NU]
Hastingsite	(AJS 151, 210; T83) [TL: Bancroft, ON]
Hauchecornite	(CM 11, 819; CMNMC 32108) [Vermilion mine, Sudbury, ON]
Hausmannite	(T83)
Häuyne	(NjbM 1892, 222-224; Gold & Marchand 1969)
Hawleyite	(AM 40, 555; T83) [TL: Keno Hill, YU]
Heazlewoodite	(T83 : BC: 1, ON: 2, QC: 6, YU: 1)
Hedenbergite	(T83)
Hedleyite	(UTS 49, 55; T83) [TL : Hedley, BC]
Hellandite-(Y)	(CM 11, 760; AM 87, 745-752) [TL: Evas-Lou m., Val des Monts, QC]
Helvite	(CM 9, 109-123; MR 21, 314) [Mont St-Hilaire, QC]
Hematite	(T83)
Hemimorphite	(T83)
Hemloite	(CM 27, 427-440) [TL: Hemlo deposit, ON]
Henrymeyerite	(MM 58, 49-57 "priderite"; Prairie Lake, ON; GAC/MAC 2002 Mtg. Abst. V18)
Hercynite	(T83)
Hessite	(T83)
Heterogenite	(T83)
Heterosite	(T.S. Ercit, pegmatite database)
Heulandite ser.	(T83)
Heulandite-Ca	(CM 38, 1215-1232)
Heulandite-Sr	(ZoW, 254; MR 37, 283)
Hexahydrite	(GSC Summary Rept. 1911, 256-257; T83) [TL: Bonaparte River, Lillooet District, BC]
Heyrovskýite	(CM 19, 349-354)
Hibbingite	(CM 27, 311-313) [Sudbury, ON]

Hibonite	(MPS 38(2003), 813-825) [Tagish Lake meteorite]
Hibschite	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Hilairite	(CM 12, 237; T83) [TL: Mont St-Hilaire, QC]
Hilgardite	(CM 28, 351-362; CM 43, 1459-1487) [Penosquis, NB]
Hingganite-(Ce)	(M. Back & R. Gault pers. comm. 2005 [MSH UK48a])
Hingganite-(Y)	(T.S. Ercit - Rochester Symposium 2002; + MSH UK48)
Hinsdalite	(CM 12, 135-136)
Hiortdahlite I	(CM 12, 241; TMPM 34, 297; T83) [Kipawa complex, Villedieu, Twp., QC]
Hiortdahlite II	(CM 12, 241-247; MP 37, 25) [TL: Kipawa complex, Villedieu, Twp., QC]
Hisingerite	(T83)
Hochelagaite	(CM 24, 449-453) [TL1: Francon q., Montréal, QC; TL2 = Mont Saint-Hilaire]
Högbomite	(CM 20, 549-553)
Hollandite	(MM 60, 403-413)
Hollingworthite	(T83)
Holmquistite	(T83)
Hopeite	(CMN collections: CMNMC 38752)
Horváthite-(Y)	(CM 35, 743-749) [TL: Mont St-Hilaire, QC]
Howieite	(CM 28, 855-858)
Howlite	(AJS 134(1887), 220; T83; Horváth 2003, 91) [TL: Martock, n. Windson, NS]
Huanghoite-(Ce)	(BCGS Minfile 094B 027; Aley Creek, BC)
Hübnerite	(CMN collections: CMNMC 52912, 52913)
Humboldtine	(T83)
Humite	(T83)
Huntite	(BC Min.Res.Div. OF 1992-14; Mount Broussilof m. BC)
Huttonite	(T83)
Hydroboracite	(CM 28, 351-362; CM 43, 1459-1487) [Penobsquis, NB]
Hydrocerussite	(T83)
Hydrodresserite	(CM 15, 399) [TL: Francon q., Montréal, QC]
Hydromagnesite	(T83)
Hydroromarchite	(CM 10, 916) [TL: Winnipeg River, Kenora Dist., ON]
Hydrotalcite	(CMN collection: CMNMC 30373, 50674)
Hydroxyapophyllite	(MR 21, 315) [Mont St-Hilaire, QC]
Hydroxylapatite	(GSC Paper 81-23, 11)
Hydroxylbastnäsite-(Ce)	(T83 "hydroxyl-bastnäsite")
Hydroxylherderite	(CM 40, 1339-1345)
Hydrozincite	(T83)
Ice	
Idaite	(Dana97, 96-97)
Iimoriite-(Y)	(T.S. Ercit - Rochester Symposium 2002)
Ikaite	(AM 86, 1530-1533)
IMA 2003-019	[TL: Mont St-Hilaire, QC - UK99] (McDonald in press)
IMA 2008-004	[TL: Premier mine, Stewart, BC] – (Bindi in prep. - approved Apr 2008)
IMA 2008-064	[TL: Cross Lake, MN] (F. Hawthorne –alluaudite group – appr. Feb 2009)
IMA 2008-069	[TL: Mont St-Hilaire, QC - UK91] (Pekov <i>et al.</i> in press CM 48, xx)
IMA 2009-013	[TL: Mont St-Hilaire, QC - UK60 &UK60a] (Piilonen <i>et al.</i> in prep.)
IMA 2009-020	[TL: Mont St-Hilaire, QC – UK107] (McDonald et al. approved Jul 1 2009)
IMA 2009-021	[TL: Mont St-Hilaire, QC – UK108] (McDonald et al. approved Jul 1 2009)
IMA 2009-043	[TL: Mont St-Hilaire, QC – UK75] (McDonald et al. approved Sep 2009)
IMA 2009-050	[TL : Bonnet Island, Georgian Bay, Parry Sound, ON](E. Grew appr Oct 09)
Ilesite	(T83)
Ilmenite	(T83)

Ilvaite	(T83)
Imogolite	(Dana97, 1435-1436)
Indium	(MINDAT A. Petrov) [Tulameen River, BC]
Innelite	(GSC database) [Seal Lake (Red Wine), NL]
Insizwaite	(CM 31, 31-44)
Inyoite	(T83)
Iodargyrite	(CM 35, 23-34)
Iowaite	(ROM M33886 R. Ramik pers. comm.) [Jeffrey mine, Asbestos, QC]
Irarsite	(T83)
Iridium	(T83; also "osmiridium" CM 29, 231-237)
Iron	(T83)
Ishikawaite	(T.S. Ercit - Rochester Symposium 2002)
Isocubanite	(Dana97, 96) [Sudbury, ON]
Isoferroplatinum	(CM 13, 117; T83) [TL: Tulameen River, BC]
Isomertierite	(CM 17, 453-462)
Ixiolite	(CM 36, 547-561)
Izoklakeite	(CM 24, 1-5) [TL: Izok Lake, NT]
Jadeite	(CMN collections: CMNMC 45202)
Jagowerite	(CM 12, 135; T83) [TL: Hess River area, YU]
Jalpaite	(MR 20, 207)
Jamesonite	(T83)
Jarosite	(T83)
Jaskólskiite	(CM 22, 487-491)
Jeanbandyite	(CMN collections: CMNOC 2250 to 2253)
Jeffreyite	(CM 22, 443-446) [TL: Jeffrey mine, Asbestos, QC]
Jervisite	(CMP 150, 212-229) [Deadhorse Creek, ON]
Joaquinite-(Ce)	(MR 10, 99; MR 21, 315; GSC database) [Mont St-Hilaire, QC; Seal Lake, NF]
Johannite	(T83)
Johnsenite-(Ce)	(CM 44, 105) [TL: Mont St-Hilaire, QC]
Johnsommervilleite	(CM 36, 367-376)
Jolliffeite	(CM 29, 411-418) [TL: Uranium City, SK]
Jordanite	(GSC Memoir 310m 55) [Yellowknife, NT]
Jordisite	(Cigar Lake mine, Athabasca Basin, SK - ir.gov.sk.ca)
Joséite A	(T83)
Joséite B	(AM 34, 342-382) [TL: Glacier Gulch, Smithers, BC]
Junoite	(CM 18, 353-360)
Kaersutite	(MR 21, 313)[MSH](GSC Bull. 245)[Ice River, BC]
Kainosite-(Y)	(T83 "kainosite")
Kalinite	(T83) [Kamistikwia & Slate Rivers, Thunder Bay area, ON]
Kamacite	(GCA 46, 2083-2097)
Kamotoite-(Y)	(R&M 82(2007), 232-233) [Gole q. n. Bancroft., ON]
Kamphaugite-(Y)	(T.S. Ercit, pegmatite database Evans Lou?)
Kaňkite	(CM 47, 533) [Meguma Terrane, NS]
Kaolinite	(T83)
Kapustinitite	(Mnews 2007 41(2), 3-4.) [Mont St-Hilaire, QC]
Karelianite	(Harris 1989) [Hemlo, ON]
Karnasurtite-(Ce)	(GSC database) [Seal Lake Red Wine complex, NF]
Kasolite	(T83: NT (1), ON (7), QC (1), SK (4))
Katophorite	(JP 23(1982), 186-214)
Kawazulite	(CM 19, 341-354)
Keilite	(CM 40, 1687-1692) [TL: Abee meteorite, Abee, AL]

Kellyite	(RM 70(1995), 90-138) [Mont St-Hilaire, QC]
Kentbrooksitite	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Kermesite	(T83: BC (2), NL (1), NS (1), ON (1), QC (1))
K�esterite	(T83: BC (1), NB (1), ON (1)) (+BC (1), MN (1))
Khibinskite	(MM 65, 133-148) [Lac de Gras, NT]
Khomyakovite	(CM 37, 893-899) [TL: Mont St-Hilaire, QC]
Kiddcreekite	(CM 22, 227-232) [TL: Kidd Creek mine, Timmins, ON]
Kieserite	9CM 43, 1459-1487) [Penosquis, NB]
Kimzeyite	(Dana97, 1051; GAC/MAC Mtg. Abst. 1990) [Marathon, ON; Oka, QC]
Kinoshitalite	(CM 32, 815-823)
Klockmannite	(T83)
Kobeite-(Y)	(T.S. Ercit - Rochester Symposium 2002)
Kobellite	(AM 39, 526) [Dodger Tungsten mine, Salmo, BC]
Kogarkoite	(MR 21, 315) [Mont St-Hilaire, QC]
Kornerupine	(T83)
Korobitsynite	(Mnews 35(2001) 5, 5-6) [Mont St-Hilaire, QC]
Kotulskite	(CM 17, 453-462)
Krennerite	(T83)
Kryzhanovskite	(MR 23, 23) [Rapid Creek, YU]
Kukharenkoite-(Ce)	(EJM 8, 1327; 2 of 4 TL) [TL2: Mont St-Hilaire, QC; TL3 St-Amable, QC]
Kulanite	(CM 14, 127; T83) [TL: Rapid Creek, YU]
Kupletskite	(MR 21, 284-359) [1989]
Kuranakhite	(CM 21, 137-143) [Ashley mine, Matachewan, ON]
Kurgantaite	(CM 43, 1469-1487) [Penosquis, NB]
Kutnohorite	(MR 21, 284-359)
Kyanite	(T83)
Labradorite	(T83; Horv�ath 2003, 105) [TL: Paul Island, Nain, Labrador, NF]
Labuntsovite-Fe	(MR 29, 83-118 + Mnews 37(2003), 1, 2-4) [St-Amable sill, QC]
Labuntsovite-Mn	(T83 "labuntsovite" + Mnews 37(2003), 1, 2-4)
Laitakarite	(CM 18, 353-360)
Lalondeite	(CM 47, 181) [TL: Mont St-Hilaire, QC]
Lamprophyllite	(T83)
Langisite	(CM 9, 597-616) [TL: Langis mine, Timiskaming District, ON]
Langite	(T83)
Lansfordite	(T83)
Lanthanite-(Ce)	(LRM No.23, (1998) 29-35)
Lapieite	(CM 22, 561-564) [TL: Lapie River, YU]
Larosite	(CM 11, 886; T83) [TL: Foster mine, Timiskaming District, ON]
Latrappite	(CM 8, 122; T83) [TL: Oka, QC]
Laumontite	(T83)
Launayite	(CM 9, 7; CM 9, 191; CM 9, 507; T83) [TL: Madoc, ON]
Laurionite	(MW 2009/1 65) [Jeffrey mine, Asbestos, QC]
Laurite	(CM 40, 651-669)
Lautite	(CM 16, 665-669)
Lavendulan	(CM 9, 718-720)
L�avenite	(GSC Bulletin 245, 45; MR 21, 316; MR 29, 102-103) [Ice river, BC; MSH & STA, QC]
Lawsonite	(CM 28, 855-858)
Lazulite	(T83 : BC (2), MN (1), QC (1), YU (2))
Lazurite	(T83) [Soper River, n, Lake Harbour, NU]
Lead	(T83)

Lecoquite-(Y)	[TL: Mont St-Hilaire, QC IMA 2008-069] (Pekov <i>et al.</i> in press CM 48, xx)
Leifite	(CM 9, 109-123; MR 21, 316-317; CM 34, 349) [MSH, QC; Strange Lake, QC-NF]
Lemoynite	(CN 9, 985; MR 29, 83) [TL: Mont St-Hilaire, QC; St-Amable sill, QC]
Lepidocrocite	(T83)
Lepidolite	(T83)
Lepidomelane	(T83)
Leucite	(T83)
Leucophanite	(CM 9, 286; MR 21, 318-319) [Mont St-Hilaire, QC]
Leucophosphate	(T83)
Leucosphenite	(CM 11, 851; MR 21, 319) [Mont St-Hilaire, QC]
Levyne	(T83)
Lewisite	(Harris 1989) [Hemlo deposit, ON]
Liberite	(OGSOF 6195) [Swole Lake pegmatite, ON]
Liddicoatite	(CM 43, 769-793)
Liebigite	(T83)
Linarite	(T83)
Lindsleyite	(MM 60, 403-413)
Lindströmite	(T83)
Linnaeite	(T83)
Lintisite	(RM 70(1995), 90-138) [Mont St-Hilaire, QC]
Litharge	(T83)
Lithiophilite	(T83)
Lithiophosphate	(T83)
Lithiowodginite	(CEV98) [Tanco pegmatite, MN]
Litvinskite	(Mnews 2007 41(2), 3-4.) [Mont St-Hilaire, QC]
Lizardite	(MR 18, 364)
Lokkaite-(Y)	(MR 3, 69-77: "lokkaite") [Evans Lou, QC]
Löllingite	(T83)
Loparite-(Ce)	(RM 70, 90-138; MM 58, 49-57) [Mont St-Hilaire, QC]
Lorenzenite	(MR 21, 319; MR 29, 103)[MSH & St-Amable, QC Ice River, BC, Seal Lake, NF]
Lovozerite grp.	(MR 21, 284-359) [Mont St-Hilaire, QC]
Ludlamite	(T83)
Ludwigite	(T83)
Lueshite	(MR 21, 321; MR 29, 103) [Mont St-Hilaire & St Amable sill, QC]
Lukechangite-(Ce)	(AM 82, 1255-1260) [TL: Mont St-Hilaire, QC]
Mackinawite	(T83)
Madocite	(CM 9, 7; CM 9, 191; CM 9, 507; T83) [TL: Madoc, ON]
Magadiite	(MR 18, 364, MR 21, 321; MR 29, 103) [Mont St-Hilaire & St Amable sill, QC]
Maghagendorfite	(MR 23, 4-47)
Maghemite	(Gold & Marchand 1969)
Magnesian-arfvedsonite	(CM 25, 739-753; MR 21, 321) [Mont St-Hilaire]
Magnesiocromite	(T83)
Magnesioferrite	(CM 23, 213)
Magnesiofoitite	(CMN collections: CMNMC 81566; CM 44, 959)
Magnesiohastingsite	(AM 13, 287-296; Horváth 2003, 115) [TL: Mont Royal, Montréal, QC]
Magnesiohornblende	(T83 "hornblende")
Magnesiokatophorite	(CM 35, 53-78)
Magnesioriebeckite	(CM 25, 739-753) [MSH]
Magnesite	(T83)
Magnetite	(T83)
Majakite	(CM 30, 121-136)

Majorite	(CM 15, 97-101)
Makatite	(MR 21, 321; MR 29, 103-104) [Mont St-Hilaire & St Amable sill, QC]
Malachite	(T83)
Malanite	(CM 43, 1687)
Malayaite	(MR 24, 385)
Maldonite	(Dana97, 6)
Malinkoite	(CM 40, 183; MR 21, 365 UK53a & 53b) [Mont St-Hilaire, QC]
Mancheite	(CM 17, 453-462)
Manganite	(T83)
Manganoneptunite	(MR 21, 321; MR 29, 104) [MSH & STA, QC] was "mangan-neptunite" - Burke 2008)
Manganogrunerite	(CM 31, 695-710 "dannemorite")
Manganokhomyakovite	(CM 37, 892-899) [TL: Mont St-Hilaire, QC]
Manganokukisvumite	(CM 42, 781-785) [TL: Mont St-Hilaire, QC]
Manganotychite	(RM 70(1995), 90-138)
Manjiroite	(EG 87, 1275-1300)
Mannardite	(CM 24, 55-66) [TL: Kechika & Gataga Rivers area, BC]
Marcasite	(T83)
Margarite	(T83)
Marialite	(T83 "scapolite")
Marianoite	(CM 46, 1023) [TL: Prairie Lake, ON]
Marićite	(CM 15, 396) [TL: Big Fish River, YU]
Martinite	(CM 45, 1281-1292) [TL: Mont St-Hilaire, QC]
Masuyite	(CMN collections: CMNMC 40937)
Matildite	(T83)
Mattagamite	(CM 12, 55) [TL : Mattagami mine, Lac Matagami, QC]
Maucherite	(T83)
Mawsonite	(T83)
Mazzite-Na	(Lapis 30(10), 63) [Mont St-Hilaire, QC]
Mcauslanite	(CM 26, 917-921) [TL: East Kemptville, NS]
Mcgillite	(CM 18, 31-36) [TL: Sullivan mine, Kimberley, BC]
Mckelveyite-(Y)	(T83)
Mckinstryite	(EG 61(1966), 1383) [TL : Foster mine, Timiskaming District, ON]
Meionite	(MR 21, 284-359; T83 "scapolite")
Melanocerite-(Ce)	(T83)
Melanterite	(T83)
Mellilite	(T83)
Melonite	(T83)
Meneghinite	(T83)
Menshikovite	(R.H. Mitchell pers. comm. 2004) [Coldwell Complex, ON]
Mercury	(T83)
Merenskyite	(T83)
Meridianiite	(AM 92, 1756-1759) [TL: Venables Valley, n. Ashcroft, BC]
Merillite	(castaing.eps.mcgill.ca) [St-Robert meteorite]
Mertieite I	(CM 30, 109-119)
Mertieite II	(CM 30, 121-136)
Messelite	(MR 23, 4-47)
Mesolite	(T83)
Meta-aluminite	(MR 23, 37) [Rapid Creek, YT]
Meta-autunite	(T. Jokela pers. com.)
Metacinnabarite	(T83)
Metasideronatriite	(CMN collections: CMNMC 42991)

Metastibnite	(MR 27, 121-134)
Metaswitzerite	(MR 23, 4-47)
Metatorbernite	(CM 24, 665-673) [Evans Lou, QC]
Metatyuyamunite	(CM 24, 665-673) [Evans Lou, QC]
Metavivianite	(T83)
Metavoltine	(CMN collections: CMNMC 47382)
Metazeunerite	(T83)
Miargyrite	(CM 16, 625-640)
Miassite	(GSA NE 2001 program/abstracts) [Thetford Mines, QC]
Micheelsenite	(Njbm 2001, 337-351) [TL1 : Mont St-Hilaire, QC]
Michenerite	(CM 6, 200; CM 11, 903; T83) [TL1 : Frood mine; TL2 Vermilion mine, Sudbury, ON]
Microcline	(T83)
Microlite	(CM 24, 599-604)
Milarite	(CM 25, 763; CM 34, 349) [Mont St-Hilaire, QC; Strange Lake, NL & QC]
Millerite	(T83)
Mimetite	(T83)
Minium	(Sabina 1992, GSC-MR 50, 80)
Minnesotaite	(CM 9, 579) [Bluebell mine, Riondel, BC]
Mirabilite	(T83)
Miserite	(CM 11, 569; MR 21, 323) [Kipawa & Mont St-Hilaire, QC]
Mohrite	(Mnews 37(2003), 5, 5) [Mont St-Hilaire, QC]
Moissanite	(MW 2009/1, 66) [Jeffrey mine, Asbestos, QC]
Molybdenite	(T83)
Molybdenite-3R	(CM 7, 524; T83) [TL -3R polytype: Yellowknife, NT]
Molybdite	(ferromolybdite? Renfrew Co. ON - GSC Paper 70-50)
Molybdomenite	(T83)
Monazite-(Ce)	(T83 "monazite")
Monazite-(Sm)	(CM 40, 1649-1655) [TL : Greer Lake, MN]
Moncheite	(CM 27, 311-313)
Monohydrocalcite	(CM 43, 1459-1487) [Penobsquis, NB]
Montbrayite	(AM 31, 515) [TL : Montbray, Abitibi Co., QC]
Montebrasite	(CM 38, 893-898)
Monteregianite-(Y)	(CM 16, 561-565) [TL : Mont St-Hilaire, QC]
Monticellite	(T83)
Montmorillonite	(T83)
Montroyalite	(CM 24, 455-459) [TL : Francon q., Montréal, QC]
Moorehousite	(CM 8, 166) [TL : Magnet Cove mine, Walton, NS]
Mordenite	(JCS 17(1864), 100; T83) [TL : Morden NS][NS(6), QC(3)]
Morenosite	(T83 ON(5), QC(1))
Morinite	(T.S. Ercit, pegmatite database)
Mosandrite	(T83 rinkite?)
Moschellandsbergite	(CMN collections: CMNMC 55636)
Mottramite	(CM 25, 185-193)
Moydite-(Y)	(CM 24, 665-673) [TL : Evas-Lou mine, Val des Monts, QC]
Mpororoite	(CM 32, 567-574)
Muirite	(MR 17, 340)
Murmanite	(GSC Bulletin (1981), 294) [Seal Lake, Red Wine complex, NF]
Muscovite	(T83)
Muskoxite	(AM 54, 684-699) [TL : Muskox complex, Kitikmeot Region, NU]
Muthmannite	(CM 25, 659-665)
Nacrite	(CMN collections: CMNMC 45451 to 45453)

Nagyágite	(UTGS 40, 97) [Gainer Creek, BC; Moss Twp., ON]
Nahcolite	(Sabina 1979)
Nahpoite	(CM 19, 373-376) [TL: Big Fish River, YU]
Naldretteite	(MM 69, 89-98) [TL: Mesamax deposit, Ungava Region, QC]
Nalipoite	(CM 29, 565-568) [TL: Mont St-Hilaire, QC]
Namibite	(CM 24, 665-673)
Nanpingite	(CM 41, 117-137)
Narsarsukite	(CM 9, 286 & 34, 349; MR 21, 324) [Mont St-Hilaire, QC, Strange Lake, QC-NF]
Natalyite	(CMP 150, 212-229) [Deadhorse Creek, ON]
Natanite	(MR 18, 362)
Natroalunite	(T83)
Natrojarosite	(Sabina 1979)
Natrolemonite	(CM 39, 1295-1306) [TL: Mont St-Hilaire, QC]
Natrolite	(T83 BC, NS, ON, QC)
Natron	(UTGS 24, 20)[Clinton, BC] (MR 21, 325) [Mont St-Hilaire, QC]
Natrophosphate	(MR 21, 284) [Mont St-Hilaire, QC]
Natrosilite	(RM 70(1995), 90) [Mont St-Hilaire, QC]
Naumannite	(GSC Paper 76-1A, 311) [Kidd Creek m., Timmins, ON]
Neighborite	(MR 18, 364; MR 21, 325-326) [Mont St-Hilaire, QC]
Nenadkevichite	(CM 10, 143; MR 21, 326; MR 29, 105) [MSH, STA, QC]
Neotocite	(MR 21, 284) [Mont St-Hilaire, QC]
Nepheline	(T83)
Neptunite	(CM 7, 650; RMI 2000(3) 140) [Seal Lake, NF, Mont St-Hilaire, QC]
Nesquehonite	(MR 23, 4-47) [Rapid Creek, YT]
Nevskite	(CM 25, 625-638)
Newberyite	(T83)
Neyite	(CM 10, 90) [TL: Lime Creek deposit, Kitsault, BC]
Nickel	(HBM I, 349) [Tulameen River area, BC]
Nickelbischofite	(CM 17, 107-109) [TL: Dumont intrusion, Amos, QC]
Nickelhexahydrite	(CMN collections: CMNMC 30359)
Nickeline	(T83)
Nickelskutterudite	(T83 was "chloanthite"; Cat08 was "nickel-skutterudite - Burke 2008)
Nigerite	(CM 36, 367-376 & 609-635) [Separation Rapids, ON]
Niggliite	(CM 27, 311-313)
Ningyoite	(CM 19, 325-332)
Niningerite	(GCA 21, 127-144) [TL: Abee meteorite, Abee, AL]
Nioboeschynite-(Y)	(CM 46, 395) [TL: Bear Lake, ON]
Niobokupletskite	(CM 38, 627-639) [TL: Mont St-Hilaire, QC]
Niobophyllite	(CM 8, 40) [TL: Seal Lake complex, Labrador, NF]
Niocalite	(AM 41, 785) [TL: Oka, QC]
Nisbite	(CM 10, 232) [TL: Red Lake, Kenora District, ON]
Niter	(T83)
Niveolanite	(CM 46, 1343) [TL: Mont St-Hilaire, QC]
Nolanite	(AM 42, 619) [TL1 & 2: Goldfields & Uranium City, Lake Athabasca, SK]
Nontronite	(RM 70(1995), 90-138)
Norbergite	(T83)[Wilberforce and Cardiff, ON]
Nordenskiöldine	(CMN collections: CMNMC 55569 to 55576)
Nordite-(Ce)	(RM 70(1995), 90-138; RMI 2000(3), 140) [Mont St-Hilaire, QC]
Nordstrandite	(GSC Paper 77-1A, 327; MR 10, 99; MR 21, 327)[Bancroft, ON; MSH, QC]
Normandite	(CM 35, 1035-1039) [TL: Mont St-Hilaire, QC]
Norsethite	(CM 24, 55-66)

Nosean	(NJbM 1892, 222-224; CJR 2, 231-248) [Mont Royal, Montreal, QC]
Nuffieldite	(CM 9, 439) [TL: Lime Creek deposit, Kitsault, BC]
Offrétite	(AM 61, 853) Douglas Lake, BC]
Okenite	(UTGS 14, 65 [Morden, NS]; MR 10, 69 [Asbestos, QC])
Oldhamite	(G&C 46, 2083-2097)
Olekminskite	(CMN collections: CMNMC 83295)
Olsacherite	(Liferovich & Mitchell pers. comm. 2005)
Omphacite	(Red Wine complex, GSC database)
Oneillite	(CM 37, 1295-1301) [TL: Mont St-Hilaire, QC]
Opal	(T83)
Orcelite	(Dana97, 40)[Cobalt, ON; Table Mountain, NF]
Ordonezite	(Madoc, ON conf. S. Ercit; MinNews 16(2000),#7,1 TBC)
Oregonite	(HBM I, 364) [Timmins, ON]
Orpiment	(T83)
Orthojoaquinite-(Ce)	(Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
Osmium	(T83 "iridosmine" CM 29, 231-237)
Osumilite	(AM 61, 29) [Ikkinkulluit Brook, NF]
Ottrelite	(MMMR 1992.42 specimen) [St-Pierre-de-Broughton (Harvey Hill), QC]
Overite	(CEV98)
Owensite	(CM 33, 665-670) [TL: Wellgreen deposit, Kluane District, YU]
Owyheeite	(T83)
Pääkkönenite	(Harris 1989) [Hemlo deposit, ON]
Padmaite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Palarstanide	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Palladoarsenide	(CM 22, 125)
Palladobismutharsenide	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Paolovite	(CM 31, 31-44)
Palygorskite	(CM 31, 173-183)
Paolovite	(CM 28, 489-501)
Paracoquimbite	(Mnews 41(3), 6) [Mont St-Hilaire, QC]
Paracostibite	(CM 10, 232) [TL : Trout Bay, Red Lake area, ON]
Paragonite	(T83)
Parahopeite	(MR 2, 208)
Parakeldyshite	(MR 21, 327) [Mont St-Hilaire, QC]
Paranatrolite	(CM 18, 85-88; MR 21, 327) [TL: Mont St-Hilaire, QC]
Parapierrrotite	(Harris 1989) [Hemlo deposit, ON]
Pararammelsbergite	(UTGS 12, 27; T83) [TL1-3: Moose Horn, Hudson Bay & Keeley mines, ON]
Pararealgar	(CM 18, 525-527) [TL1 &2: Mount Washington and Gray Rock deposits, BC]
Paratacamite	(T83)
Paraumbite	(MR 18, 364; MR 21, 327) [Mont St-Hilaire, QC]
Pargasite	(CM 39, 1725-1732)
Parisite-(Ce)	(CM 7, 819)[Marathon, ON] (MR 21, 328) [Mont St-Hilaire, QC]
Parkerite (redefined)	(AM 28, 343; T83) [NTL: Frood mine, Sudbury, ON]
Parsonsite	(T83)[Peever Twp., ON]
Paulingite-K	(MR 21, 485) [Falkland, BC]
Pavonite	(GSC Paper 73-13, 63)
Pearceite	(T83) [NT (1), ON (4), QC (1)]
Pecoraite	(MR 25, 342) [St-Denis-de-Brompton, QC]
Pectolite	(T83 NF (2), ON (4), QC (5))
Pekoite	(CM 14, 194) [Tanco pegmatite, Bernic Lake, MN]
Pellyite	(CM 11, 444) [TL: Pelly & Ross Rivers, YU]

Penikisite (CM 15, 393) [**TL:** Rapid Creek, YU]
 Penkviksite (MR 21, 284-359; MR 21, 329) [Mont St-Hilaire, QC]
Penobsquisite (CM 34, 657-665) [**TL:** Penobsquis, NB]
 Pentlandite (T83)
 Periclaste (GAC/MAC Annual Mtg. Guidebook 1969: Gold & Marchand)
 Perovskite (T83)
Perraultite (CM 29, 355-358) [**TL:** Mont St-Hilaire, QC]
 Perrierite-(Ce) (T83 "perrierite")
 Petalite (T83)
Petarasite (CM 18, 497-502) [**TL:** Mont St-Hilaire, QC]
Petersenite-(Ce) (CM 32, 405-414) [**TL:** Mont St-Hilaire, QC]
Petrukite (CM 27, 673-688) [**TL1:** Herb claim, BC; **TL2:** Mount Pleasant mine, NB]
 Petzite (T83)
 Pharmacolite (CMN collections: CMNMC 34755, 55655)
 Pharmacosiderite (T83) [Kino Hill, YU]
 Phenakite (T83)
 Phillipsite ser. (T83)
 Phillipsite-Ca (MR 29, 83-118 = VUK6, Pekov *et al.* 2004 p.33) [St-Amable sill, QC]
 Phillipsite-K (Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
 Phillipsite-Na (Lapis 25(2000), 7/8, 23-61) [Mont St-Hilaire, QC]
 Phlogopite (T83)
 Phosinaite-(Ce) (CM 34, 107-114) [Mont St-Hilaire, QC]
 Phosphophyllite (CM 26, 917-921; CM 36, 283-301)
 Phosphosiderite (MR 23, 4-47)
 Phosphuranylite (T83)[Stony Rapids, Middle Lake, SK]
 Pickeringite (T83)
 Picroparmacolite (CMN collections: CMNMC 34756)
 Piemontite (CMN collections: CMNOC 213 to 215)
 Pigeonite (T83 ON, QC)
 Pilsenite (Dana97, 58) [Sudbury, ON]
 Pinakiolite (NS Dept. Mines database)
 Pintadoite (GSC Bulletin 287)
 Pirssonite (RM 70(1995), 90-138)
 Plagionite (MR 1991, 265)
 Platinum (T83)
 Platarsite (CM 43, 1687)
Playfairite (CM 9, 7; CM 9, 191; CM 9, 507; T83) [**TL:** Madoc, ON]
 Plumbojarosite (T83)
 Plumbomicrolite (Ercit, pers. comm.)
 Plumbopalladinite (CM 45, 775-792) [NB]
 Plumbopyrochlore (Ercit, CM 41, in press)
Poitevinitite (CM 8, 109) [**TL:** Bonaparte River, Lillooet District, BC]
 Polarite (CM 28, 409-418)
 Pollucite (T83)
 Polybasite (T83)
 Polycrase-(Y) (CM 32, 133-147)
 Polydymite (T83)
 Polylithionite (CM 9, 109-123; MR 21, 330, MR 29, 106) [MSH & STA, QC]
 Posnjakite (T83)
 Potarite (GSA NE 2001 program/abstracts) [Thetford Mines, QC]
 Potassicarfvedsonite (RRUFF R050516) – [Red Wine complex, NF]

Potassic-fluororichterite	(CMN collections: CMNMC 30172)
Potosiite	(CM 24, 45-50)
Poubaite	(CM, 25, 625-628)
Poudretteite	(CM 25, 763) [TL: Mont St-Hilaire, QC]
Powellite	(T83)
Prassoite	(Thetford Mines, QC - GSA NE 2001 program/abstracts)
Prehnite	(T83)
Priceite	(CM 28, 351-362; CM 43, 1459-1487) [Penobsquis, NB]
Priderite	(MM 65, 133-148)
Pringleite	(CM 31, 795-800) [TL: Penobsquis, NB]
Prismatine	(RMG 33, 441; ROM M46087)[Kazabazua, QC]
Probertite	(CMN collections: CMNMC 44850)
Proustite	(T83)
Pseudomalachite	(CMN collections: CMNMC 53464)
Pseudorutile	(Sabina 1979)
Psilomelane	(T83)
Pumpelleyite ser.	(T83)
Pumpelleyite-(Mg)	(CM 30, 153-162; MW 1/2009, 73) [Asbestos, QC]
Purpurite	(CM 36, 367-376 & 609-635)
Pyrrargyrite	(T83)
Pyrite	(T83)
Pyroaurite	(T83)
Pyrobelonite	(CM 25, 185-193)
Pyrochlore	(T83)
Pyrochroite	(T83)
Pyrolusite	(T83)
Pyromorphite	(T83)
Pyrope	(T83)
Pyrophanite	(GSC Pap. 64-37, 51; CM 9, 109; MR 21, 331) [Rocky Lake, NS, MSH & STA, QC]
Pyrophyllite	(T83)
Pyrosmalite-(Fe)	(CM 27, 311; 31, 695 was "pyrosmalite"; Cat08 was "ferropyrosmalite" - Burke 2008)
Pyrosmalite-(Mn)	(MR 20, 201-208 "pyrosmalite"; Cat08 "manganopyrosmalite" - Burke 2008)
Pyrostilpnite	(MR 2000, 219-229)
Pyroxmangite	(CMN collections: CMNMC 35884)
Pyrrhotite	(T83)
Quartz	(T83)
Quintinite	(CM 35, 1541-1549) [TL1: Mont St-Hilaire, QC]
Raite	(T83)
Rammelsbergite	(T83)
Ramsdellite	(T83)
Ranciéite	(J. Post pers. comm. 2005) [Mont St-Hilaire & St-Amable sill, QC]
Rankamaite	(CEV98 rankamaite-sosedkoite)
Rapidcreekite	(CM 24, 51-54) [TL: Rapid Creek, YU]
Raspite	(CM 25, 185-193)
Rasvumite	(MR 21, 331; EJM 19, 533) [Mont St-Hilaire, QC]
Rauvite	(GSC Paper 68-74, 5)[Little Miminegash Pond, PE]
Realgar	(T83)
Reederite-(Y)	(AM 80, 1059-1064) [TL: Mont St-Hilaire, QC]
Rémondite-(Ce)	(RM 70, 90-138; RMI 2000(3) 173) [Mont St-Hilaire, QC]
Rémondite-(La)	(R. Gault pers. comm.) [Mont St-Hilaire, QC]
Renierite	(NS database)

Retgersite	(T83)
Revdite	(MR 21, 284-359)
Rhabdophane-(Ce)	(MR 10, 99; MR 21, 331; MR 29, 106) [MSH & St-Amable sill, QC]
Rhabdophane-(La)	(Lapis 25(7/8), 60) [Mont St-Hilaire, QC]
Rhodochrosite	(T83)
Rhodonite	(T83)
Richterite	(CM 25, 739-753)
Rickardite	(T83)
Riebeckite	(T83)
Ringwoodite	(CM 15, 97-101)
Rinkite	(see mosandrite)
Robinsonite	(T83)
Roggianite	(CMN collections: CMNMC 52243)
Romarchite	(CM 10, 916) [TL: Winnipeg River, Kenora Dist., ON]
Roméite	(T83 "romeite")
Römerite	(T83 "romerite")
Röntgenite-(Ce)	(LRM No.23, (1998) 29-35) [Mont St-Hilaire, QC]
Rooseveltite	(CMN collections: CMNOC 1709, 2772)
Roquesite	(T83)
Rosasite	(CMN collections: CMNOC 49664)
Roscoelite	(T83)
Rosenbuschite	(MR 18, 364)
Rösslerite	(Port Radium, NWT - MINDAT)
Rossmannite	(CEV98)
Routhierite	(Harris 1989) [Hemlo deposit, ON]
Rouvilleite	(CM 29, 107-111) [TL: Mont St-Hilaire, QC]
Rowlandite-(Y)	(HBN II(2), 697; AM 56, 395-410)
Rozenite	(T83)
Ruarsite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Rucklidgeite	(ZVMO 106, 62-68; CM 9, 709-715) [TL2: Montbray, Abitibi, QC]
Ruitenbergitte	(CM 31, 795-800) [TL: Penobsquis, NB]
Russellite	(CM 32, 567-574)
Rutheniridosmine	(CM 29, 231-237) [TL1-2: Atlin Lake, BC; TL3: Cariboo Distr., BC]
Rutile	(T83)
Sabinaite	(CM 18, 25; 34, 811) [TL: Francon q., Montréal, QC] [MSH structure]
Sabugalite	(T83)
Safflorite	(T83)
Sakuraiite	(Bosquet, QC; GSC XRD & EMPA by A.C. Roberts (X-79718)
Sal-ammoniac	(T83)
Samarskite-(Y)	(T83 "samarskite")
Samsonite	(T83)
Sanbornite	(T83)
Sanidine	(CM 9, 109-123)
Saponite	(T83)
Sapphirine-1A	(CM 11, 777) [TL-1A polytype: Wilson Lake, Labrador, NF]
Sarcopside	(CM 36, 367-376)
Sasaite	(MR 23, 4-47) [Rapid Creek, YT]
Satterlyite	(CM 16, 411-413) [TL: Big Fish River, YU]
Sazhinite-(Ce)	(MR 21, 334, MR 29, 107) [Mont St-Hilaire & St-Amable sill, QC]
Sazhinite-(La)	(MR 21, 334, MR 29, 107) [Mont St-Hilaire & St-Amable sill, QC]
Sazykinaite-(Y)	(RMI 24(3), 198; Lapis 25(7/8), 47) [Mont St-Hilaire, QC]

Schafarzikite	(MR 27, 121-134) [Lac Nicolet Antimony mine, QC]
Schairerite	(RMI 24(3), 152; Lapis 25(7/8), 60) [Mont St-Hilaire, QC]
Scheelite	(T83)
Scherbakovite	(CM 35, 53-78)
Schirmerite	(MR 20, 207)
Schoepite	(T83)
Schorl	(MR 13, 85)
Schorlomite	(CMN collections: CMNMC 54478; AM 80, 27-38)
Schreibersite	(GCA 46, 2083-2097)
Schröckingerite	(CMN collections: CMNMC 36871)
Schwertmannite	(CM 47, 533) [Meguma Terrane, NS]
Scolecite	(T83)
Scorodite	(T83)
Searlesite	(MR 21, 284-359) [Mont St-Hilaire, QC]
Sekaninaite	(CM 40, 753)[Separation Lake, ON]
Selenium	(T83: Ranwick m., ON)(MD 36, 791)[Cluff Lake mine, SK] (GSC MR 77, 128)[Amos, QC]
Seligmannite	(Harris 1989) [Hemlo deposit, ON]
Sellaite	(CM 28, 351-362; CM 43, 1459-1487) [Penobsquis, NB]
Semseyite	(T83)
Senaite	(MR 18, 364; MR 21, 334) [Mont St-Hilaire, QC]
Senarmontite	(T83)
Sepiolite	(T83)
Sérandite	(CM 9, 109; MR 21, 335; MR 29, 107) [MSH & STA, QC]
Serpierite	(GSC Misc. Rep. 49, 159-160)
Serendibite	(T83)
Shandite	(MW 2009/1, 74) [Jeffrey mine, Asbestos, QC]
Sheldrickite	(CM 35, 181-187) [TL: Mont St-Hilaire, QC]
Shigaite	(RM 70, 90-138) [Mont St-Hilaire, QC]
Shkatulkalite	(MR 29, 83-118) [St-Amable sill, QC]
Shomiokite-(Y)	(CM 34, 649-655) [Mont St-Hilaire, QC]
Shortite	(MR 21, 284) [Mont St-Hilaire, QC](JG 82, 667)[Upper Canada m. Kirkland Lake, ON]
Sicklerite	(T83)
Siderite	(T83)
Sideronatriite	(T83)
Siderotil	(T83)
Siderophyllite	(MR 21, 338) [Mont St-Hilaire, QC]
Sidorenkite	(MR 21, 338) [Mont St-Hilaire, QC]
Siegenite	(CM 9, 597-616)
Silinaite	(CM 29, 359-362) [TL: Mont St-Hilaire, QC]
Sillimanite	(T83)
Silver	(T83)
Simpsonite	(CEV98)
Sinhalite	(T83)
Sjögrenite	(T83)
Skippenite	(CM 25, 625-638) [TL: Otish Mountain deposit, QC]
Skłodowskite	(T83)
Skutterudite	(T83)
Slavikite	(CMN collections: CMNOC 290, 291)
Slawsonite	(Mitchell & Liferovich pers. com. 2004)
Smaltite	(T83)
Smithsonite	(T83)

Smythite	(T83)
Sobolevskite	(CM 31, 31-44)
Sodalite	(T83)
Soddyite	(T83)
Sodicgedrite	(CMN collections: CMNMC 34765, 36936, etc.)
Sokolovaite	(CM 47, 337 [Moblan Lake, QC]; AM 88, 1832 [Red Cross Lake, MN]; CM 41, 117] [O'Grady batholith, NT]
Sopcheite	(CM 22, 233-237)
Sorbyite	(CM 9, 7; CM 9, 191; CM 9, 507; T83) [TL: Madoc, ON]
Sosedkoite	(CEV98 rankamaite-sosedkoite)
Součekite	(CM, 25, 625-628)
Souzalite	(MR 23, 4-47) [Rapid Creek, YU]
Spencerite	(MM 18, 76) [TL: Hudson Bay mine, Salmo, BC]
Sperrylite	(AJS 137, 67; T83) [TL: Vermilion mine, Sudbury, ON]
Spertiniite	(CM 19, 337-340) [TL: Jeffrey mine, Asbestos, QC]
Spessartine	(T83)
Sphaerocobaltite	(T83)
Sphalerite	(T83)
Spinel	(T83)
Spionkopite	(CM 18, 511-518) [TL : Spionkop Creek deposit, AL]
Spodumene	(T83)
Spurrite	(T83)
Stannite	(T83)
Stannoidite	(T83)
Starkeyite	(T83 "leonhardtite")
Staurolite	(T83)
Steacyite	(CM 20, 59-63) [TL: Mont St-Hilaire, QC]
Steenstrupine-(Ce)	(MR 10, 99; MR 21, 340) [Mont St-Hilaire, QC]
Stellerite	(CM 38, 1215-1232)
Stephanite	(T83)
Sternbergite	(CM 22, 493-498)
Sterryite	(CM 9, 7; CM 9, 191; CM 9, 507; T83) [TL: Madoc, ON]
Stevensite	(MR 17, 339)
Stibarsen	(Harris 1989) [Hemlo deposit, ON]
Stibiconite	(T83)
Stibiobetafite	(CM 36, 367-376 & 609-635) [Separation Rapids, ON]
Stibiocolumbite	(CM 41, 117)
Stibiomicrolite	(CM 36, 367-376 & 609-635) [Separation Rapids, ON]
Stibiopalladinite	(CM 17, 453-462)
Stibiotantalite	(T83)
Stibivanite	(CM 18, 329-332) [TL1: Lake George, NB]
Stibnite	(T83)
Stichtite	(T83)
Stilbite ser.	(T83)
Stilbite-Ca	(CM 41, 139-160)
Stillwellite-(Ce)	(MR 13, 225; MR 21, 341) [Wilberforce, ON; MSH, QC]
Stilpnomelane	(T83)
Stillwaterite	(CM 17, 453-462)
Stolzite	(T83)
Strengite	(MR 23, 4-47)
Stromeyerite	(T83)

Stronalsite	(Mitchell & Liferovich pers. comm. 2004)
Strontianite	(T83)
Strontiodresserite	(CM 15, 405) [TL: Francon q., Montréal, QC]
Strontioginorite	(CM 40, 1572-1581; CM 43, 1459-1487) [Penobsquis, NB]
Struvite	(T83)
Stumpflite	(CM 28, 503-535)
Stützite	(CM 9, 709)[Lindquist Lake, QC] (CM 12, 193)[Temagami Lake, ON]
Sudburyite	(CM 12, 275) [TL: Copper Cliff mine, Sudbury, ON]
Sudoite	(CM 27, 633-641)
Sugilite	(MR 21, 341; Lapis 25(7/8), 52) [Mont St-Hilaire, QC]
Sulphur	(T83)
Sulvanite	(CM 24, 55)[Rough Claims, Kechika River, BC]
Suolunite	(CM 40, 121 [Lac de Gras, NT]; ROM & CMN specimens) [Black Lake, QC]
Sursassite	(CM 7, 291)[Plymouth orebody, n. Woodstock, NB]
Svanbergite	(B.C. Min. Res. Div. Open file 1992-14.)
Switzerite	(MR 23, 4-47)
Sylvanite	(T83)
Sylvite	(T83; CM 43, 1459-1487) [Penobsquis, NB]
Symplesite	(T83)
Synchysite-(Ce)	(CM 9, 109, MR 21, 341, MR 29, 108) [MSH & STA, QC]
Synchysite-(Y)	(AM 56, 395; MR 3, 69-77 was "doverite") [Evans Lou, QC]
Szaibélyite	(T83 BC (1), NT (1), ON (1), QC (1); CM 43, 1459) [Penobsquis, NB]
Szmikite	(T83)
Szomolnokite	(T83)
Tacharanite	(CMN collections: CMNMC 32684) [Jeffrey mine, Asbestos, QC]
Tadzhikite-(Ce)[?]	(MR 18, 364; MR 21, 342 doubtful = MSH UK39)
Taenite	(CM 15, 97-101)
Tainiolite	(MR 18, 364; MR 21, 342) [Mont St-Hilaire, QC]
Talc	(T83)
Talmessite	(MR 8, 517) [Criss Creek, n. Savona, BC]
Tancoite	(CM 18, 185-190) [TL: Tanco pegmatite, Bernic Lake, MN]
Tantalite-(Fe)	(T83 was "tantalite"; Cat08 was "ferrotantalite" - Burke 2008)
Tantalite-(Mn)	(T83 was "tantalite"; Cat08 was "manganotantalite" - Burke 2008)
Tanteuxenite-(Y)	(T.S. Ercit - Rochester Symposium 2002)
Tapiolite ser.	(Tapiolite-(Fe) & tapiolite-(Mn) Burke 2008)
Tapiolite-(Fe)	(CM 28, 133 was "ferrotapiolite" - Burke 2008)
Taramellite	(T83)
Taramite	(T83)
Tarbuttite	(T83)
Tarkianite	(CM 42, 540)
Teallite	(CMN collection: CMNMC 55804)
Telargpalite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Tellurantimony	(CM 12, 55-60) [TL: Mattagami Lake mine, Abitibi Co., QC]
Tellurite	(T83)
Tellurium	(T83)
Tellurobismuthite	(T83 "tellurbismuth")
Tellurohauchecornite	(MM 43, 877-878) [TL: Strathcona mine, Sudbury District, ON]
Telluropalladinite	(Allendale, BC - BCMEM Geofile 2002-2)
Temagamite	(CM 12, 193) [TL: Temagami mine, Lake Temagami, ON]
Tengerite-(Y)	(AM 20, 728; MR 3, 73 was "tengerite") [Evans Lou, QC]
Tennantite	(T83)

Tenorite	(T83)
Terskite	(MR 21, 342; MR 29, 108) [Mont St-Hilaire & St-Amable sill, QC]
Testibiopalladite	(CM 33, 665-670)
Tetra-auricupride	(CM 35, 573-586)
Tetradymite	(T83)
Tetraferroplatinum	(CM 28, 503-535)
Tetrahedrite	(T83)
Tetrataenite	(MPS 38, 157-161)
Thalcosite	(MR 21, 342) [Mont St-Hilaire, QC]
Thalenite	(GSC 067407 specimen) [Pickens mine, ON]
Thaumasite	(GSC MP70, 393; MR 21, 342) [Mapledoram Twshp., ON; MSH, QC]
Thenardite	(T83)
Theophrastite	(MW 2009/1, 76) [Jeffrey mine, Asbestos, QC]
Thermonatrite	(MR 21, 342) [Mont St-Hilaire, QC]
Thomasclarkite-(Y)	(CM 36, 1293-1300) [TL: Mont St-Hilaire, QC]
Thomsonite	(MR 29, 83-118) [St-Amable sill, QC]
Thomsonite-(Ca)	(T83 "thomsonite" all analyzed Canadian thomsonites are thomsonite-Ca)
Thorbastnäsite	(Sabina 1979)
Thorianite	(T83)
Thorite	(T83)
Thornasite	(CM 25, 181-183; MR 29, 109) [TL: Mont St-Hilaire & St-Amable sill, QC]
Thorogummite	(MR 18, 364)
Thortveitite	(MM 60, 403; CMP 150, 212) [Deadhorse Creek, ON]
Tiemannite	(T83)
Tin	(T83)
Tintinaite	(CM 9, 371) [TL: Tintina mine, Watson, YU]
Titanite	(T83 "sphene")
Titanowodginite	(CM 30, 597-631) [TL: Tanco pegmatite, Bernic Lake, MN]
Titantaramellite	(AM 69, 358-373)
Tobermorite	(CMN & Horváth collections) [Mine Lac d'Amiante, Black Lake, QC]
Tochilinite	(T83)
Todorokite	(MR 29, 83-118)
Tolovkite	(CM 28, 503-535)
Tomichite	(Harris 1989; CM 30, 153-162) [Hemlo deposit, ON]
Tooeleite	(CM 47, 533) [Meguma Terrane, NS]
Topaz	(T83)
Torbernite	(T83)
Trembathite	(CM 30, 1195-1201) [TL: Salt Spring deposit, Sussex, NB]
Tremolite	(T83)
Tridymite	(T83)
Trilithionite	(CM 41, 139) [Mount Begbie, BC]; CM 47, 337 [Moblan Lake, QC]
Triplite	(CM 26, 925)
Triploidite	(CM 36, 367-376)
Triphylite	(T83)
Tripuhyite	(CMN collections: CMNOC 297)
Tritomite-(Ce)	(HBM 2, 824)
Tritomite-(Y)	(CM 25, 353 377; T83 "spenceite" = "tritomite") [TL: Cardiff Township, ON]
Trögerite	(MINDAT) [Silvana mine, Sandon, BC]
Troilite	(G&C 46, 2083-2097: EG 95, 889 [Voisey's Bay. NL])
Trona	(MR 21, 343) [Mont St-Hilaire, QC]
Tschermakite	(CMN collections: CMNMC 44077)

Tsepinite-Na	(Mnews 35(2001), 5) [Mont St-Hilaire, QC]
Tugtupite	(MR 21, 343) [Mont St-Hilaire, QC]
Tulameenite	(CM 12, 21; T83) [TL1 &2: Tulameen & Similkameen Rivers, BC]
Tumchaite	(Mnews 34(2000) 5, 5) [Mont St-Hilaire, QC]
Tundrite-(Ce)	(MR 10, 99; MR 21, 343) [Mont St-Hilaire, QC]
Tungstenite	(T83)
Tungstite	(T83)
Tungusite	(GCS Misc. Rep. 49, 128-129)
Tuperssuatsiaite	(RM 70, 90-138); MR 29, 83-118) [MSH & STA, QC]
Turgite	(BC Geol Surv. cm.gov.bc.ca/cf/minfile)
Tvalchrelidzeite	(Harris 1989) {Hemlo deposit, ON}
Twinnite	(CM 9, 7; CM 9, 191; CM 9, 507; T83) [TL: Madoc, ON]
Tyretskite	(CM 40, 1572-1581)
Tyrrellite	(AM 37, 542) [TL1&2: Goldfields Dist. & Beaverkodge Lake, SK]
Tyuyamunite	(T83)
Uedaite-(Ce)	(Yakovleva <i>et al.</i> 2009 abstract; in press ZVMO) [Mont St-Hilaire, QC]
Ulexite	(T83)
Ullmannite	(T83)
Ulvöspinel	(CM ???)
Umangite	(T83)
Ungavaite	(MM 69, 89-98) [TL: Mesamax deposit, Ungava Region, QC]
Uraninite	(T83)
Uranmicrolite	(CM 36, 367-376 & 609-635)
Uranophane	(T83)
Uranophane-beta	(T83)
Uranopilite	(T83)
Uranospinite	(T83)
Uranpyrochlore	(CM 25, 185-193)
Ussingite	(MR 21, 343-344; GSC database) [MSH & STA, QC; Seal Lake, NF]
Uvarovite	(CM 27, 565-577; MW 2009/1, 77) [Jeffrey mine, Asbestos, QC]
Uvite	(CM 34, 733-740)
Vaesite	(TBC) [Kidd Creek m. Timmins, ON]
Valentinite	(T83)
Valleriite	(T83)
Vanadinite	(CMN collections: CMNMC 39767)
Vandendriesscheite	(T83)
Varennesite	(CM 33, 1073-1081) [TL: St-Amable sill, Varennes-St-Amable, QC]
Variscite	(CMN collections: CMNMC 31885)
Vaterite	(RM 70, 90-138) [Mont St-Hilaire, QC]
Vaughanite	(MM 53, 79-83) [TL: Hemlo deposit, ON]
Veatchite	(CM 40, 1572-1581; CM 43, 1459-1487) [Penobsquis, NB]
Veenite	(CM 9, 7; CM 9, 191; CM 9, 507; T83) [TL: Madoc, ON]
Vermiculite	(T83)
Vésigniéite	(T83)
Vesuvianite	(T83)
Vigezzite	(T. Jokela TBC) [Quadeville, ON]
Viitaniemiite	(CM 21, 499-502; MR 37, 47) [Francon quarry, Montreal, QC]
Villiaumite	(MR 10, 99, MR 21, 345; MR 29, 111-112) [MSH & STA, QC]
Vinciennite	(CM 25, 227-228)
Vinogradovite	(MR 10, 99, MR 21, 345; GSC database) [MSH & Seal Lake, NF]
Violarite	(AJS 137, 372; T83) [TL1: Vermilion mine, Sudbury, ON]

Vitusite-(Ce)	(MR 18, 364; MR 21, 345-346) [Mont St-Hilaire, QC]
Vivianite	(T83)
Vlasovite	(CM 12, 211) Kipawa complex, Villedieux Twp., QC]
Voggitte	(CM 28, 155-159; MR 37, 47-48) [TL: Francon q., Montréal, QC]
Volborthite	(T83)
Volkovskite (redefined)	(CM 28, 351-356) [NTL2: Salt Spring deposit, Sussex, NB]
Voltaite	(GSC Misc. Rep. 49, 58-59)
Volynskite	(CM 21, 137-143)
Vuonnemite	(MR 21, 346; MR 29, 112) [Mont St-Hilaire & St-Amable sill, QC]
Vysotskite	(CM 17, 453-462)
Vyuntspakhite-(Y)	(CM 18, 365) [Evans Lou pegmatite, QC MR 18, 365]
Wadeite	(RM 70, 90-138) [Mont St-Hilaire, QC]
Wadsleyite	(CM 21, 29-35) [TL: Peace River meteorite, Peace River, AL]
Wagnerite	(CM 30 1161-1165)
Wairakite	(T83)[Oka, QC]
Wairauite	(CJES 2, 188)[Muskox intrusion, NT]
Wakefieldite-(Y)	(CM 10, 136; AM 56, 395; was "wakefieldite") [TL: Evas-Lou m., Val des Monts, QC]
Wakefieldite-(Ce)	(NjbM 1995, 127-132) [Monte Lake, BC]
Walkerite	(CM 40, 1675-1685; CM 43, 1459-1487) [TL: Penobsquis, NB]
Wardite	(CM 14, 127; MR 23, 31) [Rapid Creek, YU]
Warwickite	(GSC Paper 77-1A, 339)[Bancroft, ON]
Watkinsonite	(CM 25, 625-638) [TL: Otish Mountain deposit, QC]
Weddellite	(OGS MP70, 427; GSC unpublished)[Moore Lake, ON; Hudson Bay area, NT]
Weloganite	(CM 9, 468-477; MR 37, 48-55) [TL: Francon q., Montréal, QC; MSH & Montréal-Est]
Westerweldite	(CM 12, 137) [Birchtree mine, Thompson, MN]
Whiteite-(CaFeMg)	(MR 23, 31-34) [Rapid Creek, YU]
Whitlockite	(MR 23, 34; MR 32, 416; Lapis 28(9), 39-40; GSC database)
Wicksite	(CM 19, 377-380) [TL: Big Fish River, YU]
Willemite	(CM 9, 109; CM 34, 349) [MSH QC; Strange Lake, NL & QC]
Wiluite	(AM 84, 1466)
Winchite	(CM 28, 855-858)
Witherite	(T83)
Wittichenite	(T83: 1-BC; 1-NB; 1-ON; 1-YT)
Wodginite	(CM 7, 390; T83) [TL2: Tanco mine, Bernic Lake, MN]
Wöhlerite	(CM 9, 109; MR 21, 346-347) [Mont St-Hilaire, QC]
Wolfeite	(MR 23, 4-47) [Big Fish River, YU]
Wolframite ser.	(T83 see ferberite and hübnerite)
Wollastonite	(T83)
Woodhouseite	(GSC 66-51(19676, 118) [Brunswick No. 6 mine, NB]
Woodruffite	(T83)
Wroewolfite	(Mnews 37(4), 3)
Wulfenite	(T83)
Wurtzite	(T83; wurtzite-2H, -4H & -8H polytypes CM 36, 775-778)
Xanthoconite	(T83)
Xenotime-(Y)	(T83)
Xenotime-(Yb)	(CM 37, 1303-1306) [TL: Lac du Bonnet batholith, MN]
Xonotlite	(T83)
Yarrowite	(CM 18, 511-518) [TL: Spionkop Creek area, AL]
Yecoraite	(Liferovich & Mitchell pers. comm. 2005)
Yingjangite	(RRUFF R070740) [Kamaka bar, Fraser River, BC]
Yofortierite	(CM 13, 68; MR 21, 347 & 29, 83) [TL: Mont St-Hilaire, QC; STA, QC]

Yttropyrochlore-(Y)	(CM 36, 367-376 & 609-635)
Yttrotantalite-(Y)	(CM 38, 685-694)
Yugawaralite	(HBM II, 890) [Yellow Lake, BC]
Yukonite	(TRSC 7(4), 13) [TL : Daulton mine, Tagish Lake, BC]; (CM 47, 533) [NS]
Zabuyelite	(CM 39, 1513) [Tanco pegmatite, MN]
Zajacite-(Ce)	(CM 34, 1299-1304) [TL : Strange Lake complex, QC & NF]
Zakharovite	(MR 29, 83-118; RMI 2000(3), 181) [MSH & STA, QC]
Zavaritskite	(AM 56, 395) [Evans Lou mine, QC]
Zeophyllite	(MR 21, 347) [Mont St-Hilaire, QC]
Zeunerite	(GSC Mem. 307, 72)[Ruby Creek, Atlin area, BC]
Zinc	(T83)[Elsa mine, Galena Hill, YT]
Zinkenite	(T83 "zinckenite")
Zinnwaldite	(T83)
Zippeite	(T83)
Zircon	(T83)
Zirconolite	(CM 27, 714)
Zircophyllite	(Piilonen 2001 Ph.D. thesis) [Mont St-Hilaire, QC]
Zirkelite	(BCGS Minfile 094B 027) [Aley Creek, BC; Prairie Lake ON Lif.]
Zirsilite-(Ce)	(CM 44, 105) [Mont St-Hilaire, QC]
Zoisite	[localities in BC (3), NB (1), ON (5) & QC (6)]
Zoltaiite	(AM 90, 1655-1660) [TL : Wigwam deposit, Revelstoke, BC]
Zoubekite	(RM 79(2), 94-99)
Zvyagintsevite	(CM 30, 121) [Coldwell complex, ON]

Unnamed minerals reported from Canadian localities:

The unnamed minerals, grouped alphabetically by locality, have been extracted from the list published by the IMA subcommittee for unnamed minerals (Smith & Nickel 2007), with updates to the end of 2007. In the future, only coded minerals appearing in the official IMA unnamed minerals list will be included in the catalogue.

IMA code	Formula	Locality	References
UM1990-03-As:NiPdSb	$\text{Pd}_{1.35}\text{Ni}_{0.56}\text{As}_{0.87}\text{Sb}_{0.13}$	Coldwell complex, ON	CM 28, 489 [no MDI No.]
UM1990-75-Te:Ag	Ag_3Te_2	Coldwell complex, ON	CM 28, 489; ZVMO 131(5), 40
UM2001-04-R:AgAuCu	$\text{Au}_3(\text{Ag,Cu})$	Dease Lake, BC	CM 39, 889
UM2001-05-E: AuCu	Au_2Cu	Dease Lake, BC	CM 39, 889
UM1964-01-CO:HZn	$\text{Zn}_5(\text{CO}_3)_2(\text{OH})_6\cdot\text{H}_2\text{O}$	Dorchester Cu m. NB	CM 8, 92
UM1989-31-SiO:AlCaCeHLaV	$\text{Ca}(\text{Ce,L a})\text{Fe}^{2+}\text{Fe}^{3+}\text{Al}(\text{Si}_2\text{O}_7)(\text{SiO}_4)\text{O}(\text{OH})$; Faraday Township, ON	Flin Flon, MN	CM 31, 159; CM 40, 1411
UM2004-54-Te:NiPdSb	$(\text{Pd,Ni})_2(\text{Te,Sb})_3$	Hemlo deposit, ON	CM 42, 667
UM1989-19-S:AsCuHgSbTlZn	$(\text{Cu,Zn})\text{TlHg}_2(\text{Sb,As})_2\text{S}_6$	Hemlo deposit, ON	GSC EC Rep. 39; AM 75, 935[Sb routhierite]
UM1992-34-SiO:AlCaFeMgV	$\text{Ca}_8(\text{V,Mg,Fe})_4(\text{V,Al})_8\text{Si}_{12}\text{O}_{46.56}(\text{OH})_{0.10}$; Hemlo deposit, ON	Key Lake, SK	CM 30, 153
UM1978-10-O:U	$\alpha\text{-U}_3\text{O}_7$	Kirkland Lake, ON	AM 63, 1284; AM 73, 444
UM1992-01;AsS:PtRh	$(\text{Rh,Pt})(\text{As,S})_2$	Kirkland Lake, ON	CM 30, 109
UM1992-22-S:AgPd	Pd_2AgS_2	Kirkland Lake, ON	CM 30, 109
UM1991-19-Se:AsCo	CoAsSe	Lake Athabasca, SK	CM 29, 411
UM1983-19-SiO:AlH	$\text{Al}_2\text{Si}_2\text{O}_7\cdot\text{H}_2\text{O}$	Manitouwadge, ON	EC 78(1983), 422; AM 69, 213
UM1983-20-SiO:AlH	$\text{Al}_2\text{Si}_2\text{O}_7\cdot\text{H}_2\text{O}$	Manitouwadge, ON	EC 78(1983), 422; AM 69, 213
UM1983-21-SiO:AlH	$\text{Al}_2\text{Si}_2\text{O}_7\cdot\text{H}_2\text{O}$	Manitouwadge, ON	EC 78(1983), 422; AM 69,
UM1973-Te:AgSb	AgSbTe_2	Mattagami Lake, QC	CM 12, 55
UM1981-22-Se:BiTe	$\text{Bi}_2\text{Se}_2\text{Te}$	Mazenod Lake, NT	CM 19, 341
UM1981-30-Te:BiSe	$\text{Bi}_4\text{Se}_3\text{Te}_3$	Mazenod Lake, NT	CM 19, 341
UM1990-28-OHFAI	$\text{Al}(\text{OH,F})_3$	Montreal, QC [Francon q.]	CM 28, 147 [gibbsite F-rich]
UM1990-13-C0:HNaREESr	$\text{Na}_2\text{Sr}_2(\text{Ce,L a})\text{Y}(\text{CO}_3)_6\cdot 3\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK33a]
UM1986-09-CO:CaHN aSrY	$\text{NaSr}_3\text{Ca}(\text{CO}_3)_6\cdot 3\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK37a]

UM1985-63-SiO:FeHKMnNa	$(K,Na)_4(Mn,Fe)_4Si_8O_{20} \cdot 4H_2O$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK52]
UM1990-71-SiO:FeHKMn	$(K,Na)_3(Mn,Fe)_{2-3}Ti_2Si_8O_{20} \cdot 4H_2O$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK52A]
UM1990-64-SiO:BNa	NaBSiO ₄	Mont St-Hilaire, QC	MR 21(1990), 363 [UK53]
UM1986-21-NbO:CaH	CaNb ₄ O ₁₁ · 12H ₂ O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK56]
UM1990-67-SiO:CaFeK	Na,K,Mn,Fe,Ca,Zr,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK67]
UM1990-26-O:HMnNaNb	Na,Mn,Nb,O,H ₂ O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK68]
UM1889-62-SiO:AlCaKMnNb	Ca,K,Mn,Nb,Al,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK70]
UM1990-60-SiO:AlCaFe	Ca,Al,Fe,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK72]
UM1990-12-CO:HNa	Na,CO ₃ ,H ₂ O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK73 grp.]
UM1990-66-SiO:CaFHNa	NaCaSi ₃ O ₇ (F,OH) · 2-3H ₂ O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK77]
UM1990-74-SiO:MnNa	Na,Mn,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK78]
UM1990-72-SiO:FeMnNa	Na,Mn,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK79]
UM1990-63-SiO:AlMnNa	Na,Mn,Al,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK80]
UM1990-37-S:CuFeHO	Cu ₃ FeS ₄ · 4H ₂ O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK82]
UM1990-70-SiO:CaMnNaThTi	Th,Ca,Na,Mn,Ti,Si,O	Mont St-Hilaire, QC	MR 21(1990), 363 [UK83]
UM2003-33-SiO:CaFFeMnNaNbZr	$K_2(Na,Ca)(Fe^{2+},Mn)_7(Zr,Nb)_2Si_8O_{26}(OH)_4F$; Mont St-Hilaire, QC	Mont St-Hilaire, QC	CM 41, 1 [UK115 Fe analogue of zircophyllite]
UM1972-13-SCO:CaFeH	3FeS ₂ (Mg,Fe)(OH) ₂	Muskox complex, NT	AM 54, 437; AM 57, 1037
UM1987-16-Se:BiPbTe	(Bi,Pb) ₂ (Se,Te,S) ₃	Otish Mountain, QC	CM 25, 625
UM1987-17-Se:BiTe	Bi(Se,Te)	Otish Mountain, QC	CM 25, 625
UM1984-40-Te:AgBi	Ag ₃ BiTe ₂	Pickle Lake, ON	CM 22, 13
UM1992-14-PO:CaFeHMn	Ca(Fe,Mn,Mg) ₄ P ₄ O ₁₄ (OH) ₂ · 7H ₂ O	Rapid Creek, YU	MR 23(1992), 39 [No. 2a]
UM1992-15-PO:FeHMg	(Fe,Mg) ₅ (PO ₄) ₃ (OH) · 2H ₂ O	Rapid Creek, YU	MR 23(1992), 39 [No.5a]
UM1992-16-PO:FeHMg	(Fe,Mg) ₅ (PO ₄) ₃ (OH) · 2H ₂ O	Rapid Creek, YU	MR 23(1992), 39 [No.5b]
UM1992-17-PO:CaFeHMn	(Fe,Mn,Ca) ₄ P ₃ O ₁₀ (OH) ₃ · 15H ₂ O	Rapid Creek, YU	MR 23(1992), 39 [No.2b]
UM2003-18-SiO:AlCsFFeHLi	NaFe ₄ MnP ₅ O ₁₈ · 10H ₂ O	Rapid Creek, YU	MR 23(1992), 39 [No.4]
UM1992-19-PO:FeHNa	NaFePO ₄ · 2H ₂ O	Rapid Creek, YU	MR 23, 39 [No. 1]
UM1992-20-PO:FeMn	Fe,MnPO ₄	Rapid Creek, YU	MR 23(1992), 39 [No.6]
UM2003-30-SiO:AlFLiRb	RbLi ₂ AlSi ₄ O ₁₀ (F,OH) ₂	Red Cross Lake, MN	AM 88, 1832 [Rb anal. of polythionite]
UM2003-31-SiO:AlHLiRb	Rb(Fe ²⁺) ₃ (Si ₃ Al)O ₁₀ (OH,F) ₂	Red Cross Lake, MN	AM 88, 1832 [Rb anal. annite]
UM2003-27-SiO:AlCsFFeHLi	Cs(Fe ²⁺) ₃ (Si ₃ Al)O ₁₀ (OH,F) ₂	Red Cross Lake, MN	AM 88, 1832 [Cs anal. annite]
UM2003-28-SiO:AlCsFFeHMg	Cs(Mg,Fe) ₃ (Si ₃ Al)O ₁₀ (F,OH) ₂	Red Cross Lake, MN	AM 88, 1832 [Cs anal. of phlogopite]
UM1996-41-SiO:CCaCeFFeNbPbThTiU	(Ce,Ca)Pb ₂ Fe(Nb,Ti,Zr,Th,U) ₅ (SiO ₂) ₆ (CO ₂) ₉ (F,OH,O)	Strange Lake, NL	CM 34 779
UM1996-41-SiO:CCaCeFFeNbPbThTiU	(Ba,K,Na)FeTi ₂ Si ₂ O ₉ (F,O,OH) ₂	Strange Lake, NL	CM 34 779
UM1998-20-SiO:BeCaHREEY	Ca(Y,Ce,Nd,Tb,Er)Be ₂ Si ₂ (O,OH) ₁₀	Strange Lake, NL	CM 36, 793
UN1975-05-As:Pd	Pd ₈ Sb ₃	Sudbury, ON	CM 13, 321 [mertierite II?]
UM1976-23-Sb:BiPdTe	Pd(Sb,Te,Bi)	Sudbury, ON	EG 71(1976) 1159; CM 28, 409
UM1989-05-ClOH:FeMn	(Fe,Mn)(OH)Cl	Sudbury, ON	CM 27, 311
UM1993-03-Cl:BiHOPd	Pd ₃ Bi ₄ (Cl,OH) ₅ · 7H ₂ O	Sudbury, ON	CM 31, 31
UM1993-11-S:BiClHOPd	(Pd,Pt,Pb) ₈ Bi ₂ (Fe,Ni,Zn) ₅ (H ₂ O,OH,Cl,O) ₁₂	Sudbury, ON	CM 31, 31
UM1973-21-Te:AgHgPd	Ag,Hg,Pd,Te	Temagami, ON	CM 12, 193
UM1990-02-As:FeIrNiOsRhRu	(Ru,Os,Fe,Rh,Ir,Ni) ₃ As	Thetford Mines, QC	CM 28, 579; AM 76, 1438
UM1990-16-E:CuRhSn	Rh ₂ SnCu	Thetford Mines, QC	CM 28, 579; MP 47, 26
UM1976-13-S:AsCoCuFeNi	(Cu,Co,Fe,Ni) _{16,5} As ₄ S ₁₃	Timmins, ON	GSC Paper 76-1(1976), 311
UM1976-14-S:BiCuPbSe	(Bi,Pb,Cu) ₄ (S,Se) ₅	Timmins, ON	GSC Paper 76-1(1976), 311
UM1976-15-S:CuSe	Cu ₄ (S,Se) ₃	Timmins, ON	GSC Paper 76-1(1976), 311
UM1976-24-Se:BiPbS	(Bi,Pb) ₁₉ (Se,S) ₁₆	Timmins, ON	GSC Paper 76-1(1976),
UM1984-32-S:CuPbSb	Pb ₂ CuSb ₃ S ₇	Tintina, YU	CM 22, 219
UM1976-17-S:IrRhSb	(Ir,Rh)SbS	Tulameen complex, BC	BCIMM 69, 111; CIMM SV 23, 175; AM 74, 1216; MP 47, 37
UM1979-19-Sb:Rh	RhSb	Tulameen complex, BC	AM 69, 411; CJC 39, 955
UM1990-27-O:Pt	PtO	Tulameen complex, BC	CM 28, 503
UM1990-47-Sb:CuNi	(Ni,Cu) ₂ Sb	Tulameen complex, BC	CM 28, 503
UM1990-49-Sb:Ni	Ni ₃ Sb	Tulameen complex, BC	CM 28, 503
UM2002-47-Te:NiPdSb	(Ni,Pd) ₂ (Te,Sb) ₃	Wellgreen deposit, YU	EMG 2(1993), 105; CM 40, 651
UM2002-48-Te:NiPdSb	(Ni,Pd) ₃ (Te,Sb) ₄	Wellgreen deposit, YU	EMG 2(1993), 105; CM 40, 651
UM2002-49-Te:NiPdSb	(Pd,Ni) ₃ (Te,Sb) ₄	Wellgreen deposit, YU	CM 49, 651
UM1996-36-Sb:Au	Au ₂ Sb ₃	West Gore deposit, NS	EG 91(1996), 1239
UM1989-31-SiO:AlCaCeHLaV	Ca(La,Ce)V ³⁺ Al ₂ (Si ₂ O ₇)O(OH)	White River-Hemlo, ON	CM 27, 565; CM 40, 1411

