

# THE CANADIAN MINERALOGIST

## Scheduled Issues and Articles

### November 2016

(13 total manuscripts)

15-00106:

Does altaite exhibit emphanitic behavior? A high resolution neutron powder diffraction investigation of the crystallographic and thermoelastic properties of PbTe between 10 k and 500

Kevin S. Knight

15-00050:

Petersite-(Ce),  $\text{Cu}^{2+}_6\text{Ce}(\text{PO}_4)_3(\text{OH})_6 \cdot 3\text{H}_2\text{O}$ , a New MIXITE Group Mineral from Yavapai County, Arizona, USA

Shaunna M. Morrison, Kenneth J. Domanik, Hexiong Yang, & Robert T. Downs

15-00051:

Vesuvianite from Pajsberg, Sweden, and the role of be in the vesuvianite structure

Sharon Fitzgerald, Peter B. Leavens, George R. Rossman, & Glenn P.A. Yap

15-00109:

Amphibole dusts: fibers, fragments and mesothelioma

Ann G. Wylie

16-00018:

Garronite-Na, a new zeolite species from Mont Saint-Hilaire, Québec

Joel D. Grice, Ralph Rowe, and Glenn Poirier

15-00091:

Gahnite from the São João Del Rei pegmatitic province, Minas Gerais, Brazil: chemical composition and genetic implications

Fabiano Richard Leite Faulstich, Ciro alexandre Ávila, Reiner Neumann, Viktor S.L. Silveira, & Levi S. Callegario

16-00007:

Halogen-bearing minerals from the Tamazeght Complex (Morocco): constraints on halogen distribution and evolution in alkaline to peralkaline magmatic systems

Lian-xun Wang, Michael A.W. Marks, Thomas Wenzel, & Gregor Markl

16-00034:

The crystal structure of zircophyllite,  $\text{K}_2\text{NaFe}^{2+}_7\text{Zr}_2(\text{Si}_4\text{O}_{12})_2\text{O}_2(\text{OH})_4\text{F}$ , an astrophyllite-supergroup mineral from Mont Saint-Hilaire, Québec, Canada

Elena Sokolova & Frank C. Hawthorne

16-00004:

Graphite-bearing pelitic schists and their altered equivalents in the Dufferin Lake zone, south-central Athabasca Basin, Saskatchewan: constraints on graphite formation and destruction, and implications for uranium mineralization

Marjolaine Pascal, Kevin Ansdell, Irvine R. Annesley, Tom Kotzer, & Dan Jiricka

16-00051:

Whiteite-(CaMgMg),  $\text{CaMg}_3\text{Al}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ , a new jahnsite-group mineral from the Northern Belle mine, Candelaria, Nevada, U.S.A.

Anthony R. Kampf, Paul M. Adams, & Barbara P. Nash

16-00046:

Modal-space theory: a study in the mineralogical expression of tholeiitic compositions at  $T > 850$  °C in the lithosphere and mantle

Richard N. Abbott Jr.

16-00031:

Replacement of uraninite by bornite via coupled dissolution-precipitation: evidence from texture and microstructure

Edeltraud Macmillan, Cristiana I. Ciobanu, Kathy Ehrig, & Nigel J. Cook

16-00002:

Comparative petrology of the Montpelier and Roseland potassic anorthosites, Virginia

Brent E. Owens & Robert F. Dymek

## January 2017

(11 total manuscripts)

16-00006:

Laurite and associated PGM in the Stillwater chromitites: implications for processes of formation, and comparisons with laurite in the Bushveld and Ophiolitic chromitites

Hazel M. Prichard, Sarah-Jane Barnes, Peter C. Fisher, Philippi Pagék, & Michael L. Zientek

16-00041:

Olivine + quartz + water  $\pm$  HCl at mid-crustal conditions: controls on the growth of fibrous talc as determined from hydrothermal diamond anvil cell experiments

Ryan J. Kerrigan, Philip A. Candela, Philip M. Piccoli, Mark Frank, & Ann Wylie

16-00025:

The occurrence of breithauptite and nisbite-like Sb-Ni phases at Sindesar-Khurd, Rajasthan, India: implication to melt-assisted sulfide remobilization

B. Govinda Rao, Rachit Parihar, Kamal Lochan Pruseth, & Biswajit Mishra

16-00045:

Mineralogy and crystallography of stokesite from Inner Mongolia, China

Xue Yuan, Li Guowu, & Yang Guangming

16-00056:

Ralstonite renamed hydrokenoralstonite, coulselite renamed fluornatrocoulselite, and their incorporation into the pyrochlore-supergroup

Daniel Atencio, Marcelo B. Andrade, Artur C. Bastos Neto, & Vitor P. Pereira

16-00048:

Detrital platinum-group minerals and gold in placers of southeastern Samar Island, Philippines

Thomas Oberthür, Frank Melcher, & Thorolf W. Weiser

16-00043:

Multistage skarn-related tourmalines from the Galinge deposit in Qiman Tagh, western China: A fluid evolution perspective

Miao Yu, Cheng Y. Feng, Yi M. Zhao, & Da X. Li

15-00014:

Telluromandarinoite, a new tellurite mineral from the El Indio - Tambo Mining Property Andes Mountains, Chile

Malcolm E. Back, Joel D. Grice, Robert A. Gault, Mark A. Cooper, Phillip C. Walford, & Joseph A. Mandarino

16-00039:

Re-Os systematics of löllingite and arsenopyrite in granulite facies garnet rocks: insights into the metamorphic history and thermal evolution of the Broken Hill Block during the Early Mesoproterozoic (New South Wales, Australia)

N.J. Saintilan, R.A. Creaser, P.G. Spry, & D. Hnatyshin

16-00037:

Forensic Igneous Petrology: locating the source quarry for the "Black Granite" Titanic headstones in Halifax, Nova Scotia, Canada

D. Barrie Clarke, Christopher R.M. McFarlane, David Hamilton, & David Stevens

16-00038:

Minerals in food: crystal structures of ikaite and struvite from bacterial smears on washed-rind cheese

Gil F. Tansman, Paul S. Kindstedt, & John M. Hughes

## March 2017

(10 total manuscripts)

16-00069:

Hydropascoite,  $\text{Ca}_3(\text{V}_{10}\text{O}_{28}) \cdot 24\text{H}_2\text{O}$ , a new decavanadate mineral from the packrat mine, Mesa County, Colorado

Anthony R. Kampf, Barbara P. Nash, Joe Marty, John M. Hughes, & Timothy P. Rose

16-00064:

Mineralogy of the Ash Mountain Sn-bearing skarn, Tuya Range, Northern British Columbia, Canada

Emily D. Scribner, Lee A. Groat, & Jan Cempírek

16-00067:

Exploratory studies on substitutions in the tetrahedrite/tennantite – goldfieldite solid solution  
Emil Makovicky & Sven Karup-Møller

16-00032:  
The cordierite-orthoamphibole rocks of the Variscan Dome of Gavarnie-Gèdre-Héas: the gedrite of Gèdre (Hautes Pyrénées, France)  
Youssef Driouch, Pierre Debat, Jerome Ganne, Didier Béziat, Leo M. Kriegsman, & Jacques Martignole

16-00066:  
Genthelvite overgrowths on danalite cores from a pegmatite miarolitic cavity in Cheyenne Canyon, El Paso Co., Colorado  
Sarah L. Hanson & G. Zito

16-00089:  
Mineralogical and geochemical signatures of silicified wood from the Petrified Forest, New Cairo, Egypt  
Kamaleldin M. Hassan

16-00075:  
The Sveconorwegian Pegmatite Province – thousands of pegmatites without parental granite  
Axel Müller, Rolf L. Romer, & Rolf-Birger Pedersen

16-00077:  
Nanoscale characterisation of Au<sub>2</sub>Te grains from the Sandaowanzi gold deposit, NE China  
Jiajun Liu, Degao Zhai, Hongzhang Dai, Jeffrey de Fourestier, Chao Yu, Xiangping Gu, Yinhong Wang, Hong Yu, Jianping Wang, & Zhenjiang Liu

16-00065:  
Ba-, Si- and vacancy-rich phlogopites from the talc-bearing sulfide ore deposit of La Creuse (Beaujolais, France)  
Marie-Lola Pascal, Michel Fontelles, & Véronique Tournis

17-00002:  
Hydroxylgugiaite: A new beryllium silicate mineral from the Larvik Plutonic Complex, southern Norway and the Ilímaussaq alkaline complex, South Greenland; the first member of the mellilite group to incorporate a hydrogen atom  
Joel D. Grice, Roy Kristiansen, Henrik Friis, Ralph Rowe, Mark A. Cooper, Glenn G. Poirier, Panseok Yang, & Mark T. Weller

### Future accepted articles (not assigned to an issue yet)

17-00012:  
Ferro-ferri-nybøite from Mont Saint-Hilaire, Québec, Canada: correction  
Aaron J. Lussier, Frank C. Hawthorne, Yassir A. Abdu, Neil A. Ball, Kimberly T. Tait, Malcolm E. Back, Anthony H. Steede, Rebecca Taylor, & Andrew M. McDonald

17-00005:  
Silicification of hydrothermal gangue minerals in Pb-Zn-Cu-fluorite-quartz-barite veins

Mathias Burisch, Benjamin F. Walter, & Gregor Markl

16-00068:

Tonalite-trondhjemite and leucogranodiorite-granite suites from the Rio Maria domain, Carajás province, Brazil: Implications for discrimination and origin of the Archean Na-granitoids

José de Arimatéia Costa de Almeida, Roberto Dall'Agnol, & Marcílio Cardoso Rocha

17-00003:

Radiation induced damage in quartz at the Arrow uranium deposit, southwestern Athabasca Basin, Saskatchewan

Daniele Cerin, Jens Götze, & Yuanming Pan

17-00004:

Burroite,  $\text{Ca}_2(\text{NH}_4)_2(\text{V}_{10}\text{O}_{28}) \cdot 15\text{H}_2\text{O}$ , a new decavanadate mineral from the Burro Mine, San Miguel County, Colorado

Anthony R. Kampf, Barbara P. Nash, John M. Hughes, & Joe Marty

17-00008:

The Tanco Pegmatite at Bernic Lake, Manitoba. XVII. Mineralogy and geochemistry of alkali feldspars

Jarrod A. Brown, Tânia Martins, & Petr Černý

## July 2017 – Gem Materials Thematic Issue

16-00052:

Looking for the Garamantian emerald: Reconsidering the green-coloured stone beads trade in the ancient Sahara

Andrea Zerboni, Pietro Vignola, Maria Carmela Gatto, Andrea Risplendente, & Lucia Mori

17-00009:

Pink and red spinels in marble: trace elements, oxygen isotopes, and sources

Gaston Giuliani, Anthony E. Fallick, Adrian J. Boyce, Vincent Pardieu, & Van Long Pham