

**ANN M. HAGNI, Ph.D.**  
***Abstracted Presentations***

- Hagni, R.D., and Hagni, A.M., 2019, "Mineralogy and Structural Control of Jamaican Bauxite Ores," The 55<sup>th</sup> Forum on the Geology of Industrial Minerals (FGIM) Annual Meeting, presented in cooperation with the Association of Engineering Geologists (AEG) 62<sup>nd</sup> Annual Meeting, Asheville, NC, September, 2019, electronically posted in the Guidebook App (AEG 62<sup>nd</sup> Annual Meeting, Technical Session 21: The 2019 Forum on the Geology of Industrial Minerals Symposium).
- Hagni, R.D., and Hagni, A.M., 2019, "Karst Occurrence, Character, and Phosphate Mineralogy of Jamaica Bauxites Ores," The 53<sup>rd</sup> North Central Geological Society of America (NC-GSA) Annual Meeting, Manhattan, KS, Vol 51, March, 2019, in Technical Session 21: Karst Processes and Speleology.
- Hagni, R.D., and Hagni, A.M., 2018, "Mineralogical Character of High-Phosphorous Jamaica Bauxites Ores," The Geological Society of America GSA 2018 Annual Meeting & Exposition, Indianaolis, IN, November, 2018, p. 268.
- Hagni, R.D., and Hagni, A.M., 2016, "Phosphorus Mineralogy of the Jamaica Bauxite Ores," The 50<sup>th</sup> North Central Geological Society of America (NC-GSA) Annual Meeting, Urbana-Champaign, IL, Vol 48, No 5, (ISSN 0016-7592), April, 2016, p. 15.
- Hagni, R.D., and Hagni, A.M., 2016, "Aspects of Mineralogy and Genesis of Jamaica Bauxite Ores," The 51<sup>st</sup> Forum on the Geology of Industrial Minerals (FGIM) Annual Meeting, presented in cooperation with the Annual Conference of the Twin Cities Subsection of the Society for Mining, Metallurgy & Exploration (SME), Minneapolis, MN, August, 2015, p 5.
- Hagni, A.M., 2013, "Microscopic Investigations of Industrial Minerals from Recent GIMF Field Excursions," The 49<sup>th</sup> Forum on the Geology of Industrial Minerals (FGIM) Annual Meeting, Kingston, Jamaica, June, 2013, p. 14.
- Hagni, A.M., 2011, "The Production of Contaminated Drywall Compared to American-made Drywall as Determined by Materials Characterization," The 47<sup>th</sup> Forum on the Geology of Industrial Minerals (FGIM) Annual Meeting, Champaign, IL, May, 2011, p. 23.
- Hagni, A.M., 2011, "Materials Characterization is *THE* Key to Effective and Efficient Processing: Case Studies in Extractive Cu Leaching and Mineral Processing Post-Evaluation of Drywall," ***Invited Keynote*** in Materials Characterization of Extraction and Processing Division (EPD) of TMS, 140<sup>th</sup> TMS-AIME Annual Meeting, TMS-2011, San Diego, California, February-March, 2011, p. 131.

- Hagni, A.M., 2010, "A Medical Geology Issue: A Comparative Study of Drywall," Joint Meeting 44<sup>th</sup> Annual Meeting of the North-Central Section and 44<sup>th</sup> Annual Meeting of the South-Central Section, Geological Society of America (GSA), Branson, Missouri, April, 2010, p. 31.
- Hagni, A.M., 2009, "Materials Characterization Analytical Techniques of Minerals, Metals and Materials," 138<sup>th</sup> TMS-AIME Annual Meeting, TMS-2009, San Francisco, California, February, 2009, p. 139.
- Sikazwe, O., Hagni, A.M., Hagni, R.D., 2008, "Applied Mineralogy of Refractory Copper Ores from the Nchanga Mine in the Copperbelt of Northern Zambia," Ninth International Congress for Applied Mineralogy, ICAM 2008, Brisbane, Queensland, Australia, The Australian Institute of Mining and Metallurgy, Sept, 2008.
- Berendsen, P., Hagni, A.M., Beck, B., 2008, "Potential Uses of Lamproite in the Industrial Minerals Market," 44<sup>th</sup> Forum on the Geology of Industrial Minerals (FGIM), Oklahoma City, Oklahoma, May, 2008.
- Sikazwe, O., Hagni, A.M., Hagni, R.D., 2008, "Refractory Copper Ore from Nchanga, Zambia: Materials Characterization Study," 110<sup>th</sup> SME-AIME Annual Meeting, SME-2008, Salt Lake City, Utah, Feb, 2008.
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- Goodall, W.R., Hagni, A.M., Benedictus, A., 2007, "Applications of a Holistic Methodology for Gold Ore Characterization using QEMSCAN<sup>TM</sup>," Precious Metals 07; a joint SME-AIME and TMS-AIME symposium, Tucson, AZ, Oct, 2007.
- VanGeem, M., Marceau, M., and Hagni, A.M., 2007, "Materials Used and Embodied Energy to Produce Portland Cement Concrete," 109<sup>th</sup> SME-AIME Annual Meeting, SME-2007, Denver, CO, February, 2007, p. 136.
- Hagni, A.M., 2005, "Characterization of In-Service Concrete and Construction Materials for Failure Analyses and Performance Evaluation," 134<sup>th</sup> TMS-AIME Annual Meeting, TMS-2005, San Francisco, CA, February, 2005, p. 78.

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- Hagni, A.M., 2001, "Pre- and Post-Cast Al-B<sub>4</sub>C Metal Matrix Composite (MMC) Mineralogical Characterization," 101<sup>st</sup> SME-AIME Annual Meeting, SME-2001, Denver, CO, February, 2001, p. 62.
- Hagni, A.M., 1999, "Ceramic Matrix Composite Aluminum Nitridation Mineralogical Characterization," Analytical Technology in the Mineral Industries Symposium, 128<sup>th</sup> TMS-AIME Annual Meeting, TMS-1999, San Diego, CA, March, 1999, p. 174.
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- Hagni, A.M., 1998, "Waste Prevention through the Use of Monolithic Refractory Lining in Aluminum Reduction Cells: A Mineralogical Case Study," Waste Characterization and Treatment Symposium, 98<sup>th</sup> SME-AIME Annual Meeting, SME-1998, Orlando, FL, March, 1998, p. 117.
- Williams, P. and Hagni, A.M., 1997, "Mineralogical Studies of Alumina Magnesia Carbon Steel Ladle Refractories," 5<sup>th</sup> Biennial Unified International Technical Conference on Refractories '97 (UNITECR '97), New Orleans, LA, November, 1997, p. 183.
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Hagni, R. D., and Hagni, A.M., 2016, "Aspects of Mineralogy and Genesis of Jamaica Bauxite Ores"; Proceedings of the 51<sup>st</sup> Forum on the Geology of Industrial Minerals (FGIM), presented in cooperation with the Annual Conference of the Twin Cities Subsection of the Society for Mining, Metallurgy & Exploration (SME), August 17-20, 2015, Minneapolis, MN, Minnesota Geological Survey Open File Report OFR-16-2, p. 19-29. <http://conservancy.umn.edu/handle/11299/176991>

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