

**Minerals Subcommittee Meeting Minutes**  
**25 March 2015**

1. Call to Order – The Minerals Subcommittee Meeting was called to order at 2:00 p.m. on Wednesday, 25 March 2015 by Chair J. Kaduk.
2. Appointment of Minutes Secretary – S. Quick was appointed secretary. (N. Boris assisted.)
3. Approval of March 2014 minutes – A. Roberts moved that the minutes be accepted and J. Kaduk seconded. Motion carried.
4. Review of Mission Statement: The mission statement for Minerals Subcommittee was posted; no changes were proposed.
5. Board of Directors' Liaison Report – S. Mixture reported that motions from March 2014 were approved. A motion for funds to enable the Minerals Task Group to meet is no longer needed to be presented at the meeting, but the Chair of the subcommittee needs to contact the Technical Committee Chairman, Matteo Leoni, prior to 15 January each year, as he distributes such funds and the budget is being prepared. The ANX designations are being added to the ICDD entries.
6. Report from Mineral Task Group and other info – A. Roberts reported that the Minerals Task Group met during summer to approve 100 patterns. An additional 20 patterns were approved by conference call in the fall.

A. Roberts also reported that mineral name updates in CNMNC Newsletters have been published in Mineralogical Magazine. ICDD entries are current to mid-2014 and A. Roberts continues to review for the updates.

T. Blanton reported that some entries use “calc” rather than “calculated.” After a brief discussion, the consensus was that other ICDD activities should have higher priority than making changes for this issue.
7. New Business –
  - a. Halloysite - Halloysite is a global mineral name that contains a mixed bag of materials that have different interlayers. Some are labelled 7A, 14A, 10A, etc. J. Kaduk reported that cluster analysis has identified a number of entries for Endolite 10A. It was recommended that the 14A be changed to 7A for Halloysite.
  - b. Miscellaneous mineral items – S. Kabekkodu reported that 15,619 entries for calculated patterns have been assigned the mineral group classifications with help from A. Roberts.
  - c. Mineral group classifications for calculated patterns - During the next year, ICDD hopes to assign mineral group classifications to the patterns that do not have any, and to review those entries for which the mineral group classifications were already assigned automatically. There are many inconsistencies in literature due to the differing practices of mineralogical databases. Current work is not including those entries classified as “Mineral-Related,” but is concentrated on those entries designated as minerals. Approximately 60% of the LPF inorganic entries are classified as “Mineral-Related.”

A. Roberts also reported that LPF entries for minerals report the locality for mineralogical specimens from general to specific, which is inconsistent with the rest of the database.
  - d. “Mineral Analysis of Tomorrow” – J. Kaduk asked the committee to consider what this phrase means. Some of the discussion points were:
    - Should associated minerals be included in the entry? (Similar to “those who bought this item also bought...?”)
    - Some unusual minerals are being found in Kamchatka.

- T. Fawcett reported entries that contain 2-D frameworks may be reported as oriented and/or random.
- P. Wallace asked if the sample is microcrystalline as reported in the comments, and should it be a searchable field? Such designations would require extra care in extracting from the paper and may not be reported in ICSD or LPF databases.
- S. Misture asked what should be changed in the database rather than in the software.
- T. Fawcett commented that information, utilities, and cross-referencing already occur in the ICDD database, and that we need to teach users how to access these functions.

8. The meeting was adjourned at 2:55 p.m.