



digging deeper

about

Mindat.org is the world's leading authority on minerals and their localities, deposits, and mines worldwide.

Mindat.org's mission is to advance the world's understanding of minerals.

Mindat.org has been collecting, organising, and sharing mineral information since October 2000. It is now an essential resource used daily throughout education, academia, and industry. An international team of 50 expert managers work to ensure accuracy.

As a 501(c)(3) not-for-profit organization, mindat.org relies on support from both companies and individuals.



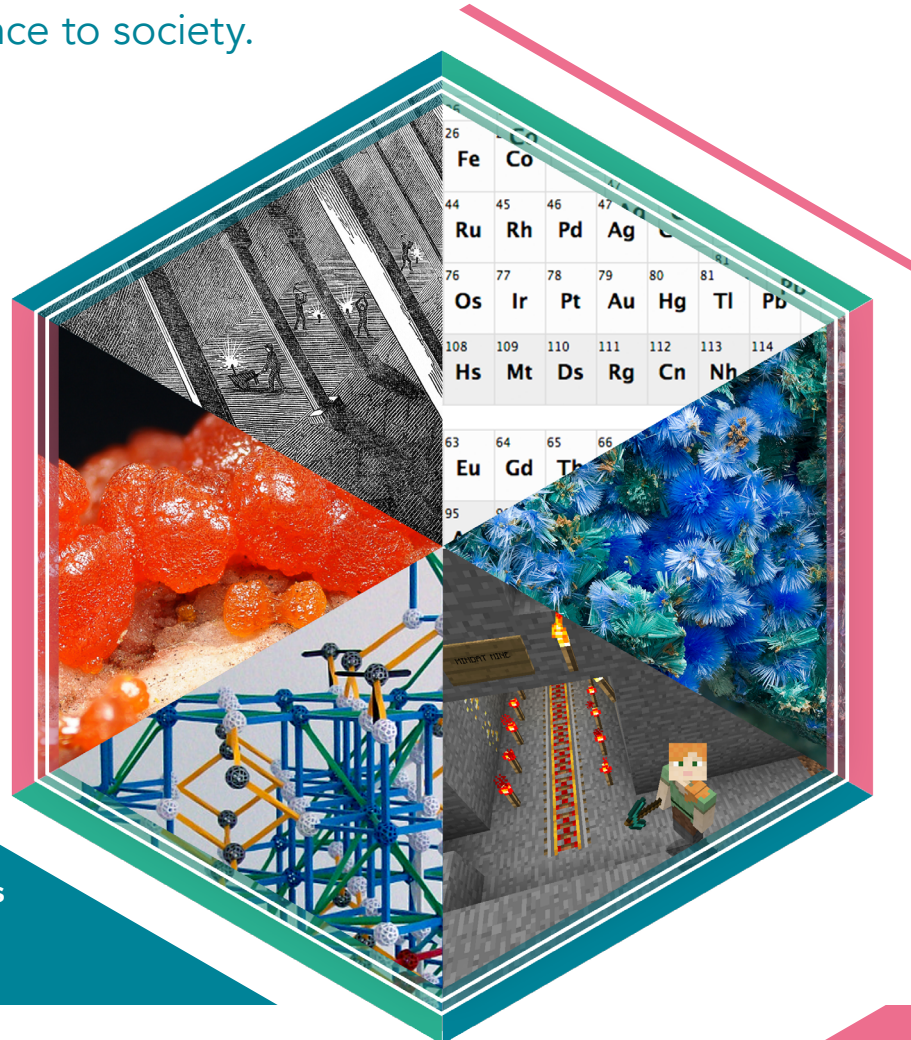
education

The mindat.org database is a key resource for education about rocks and minerals and their importance to society.

Powerful search tools allow both beginners and experts to find answers, consult experts, and delve deeper into a growing archive of educational articles, downloadable books and magazines, a comprehensive mineral and mining glossary - all being updated every day.

Mindat.org provides a platform to promote awareness about geology, mineralogy, and mining and those sciences and industries that are intrinsically linked to them.

A recent educational article, "The Guide to the Rocks and Minerals of Minecraft," is written primarily for children from 8 to 16.



Mindat.org is maintained by a worldwide community of experts.

54,455
ROCK AND MINERAL PAGES

421,644
LOCALITY PAGES

1,480,111
MINERAL OCCURENCES

1,255,990
PHOTOGRAPHS

25,990
GLOSSARY ENTRIES

570,457
FORUM MESSAGES

> 18 million
TOTAL PAGES

site data as of Feb 2023

▶ Read the Rocks and Minerals of Minecraft here.
www.mindat.org/a/minecraft

USAGE

11,099,688 UNIQUE VISITORS • 48,921,347 PAGE VIEWS

68,675
REGISTERED USERS

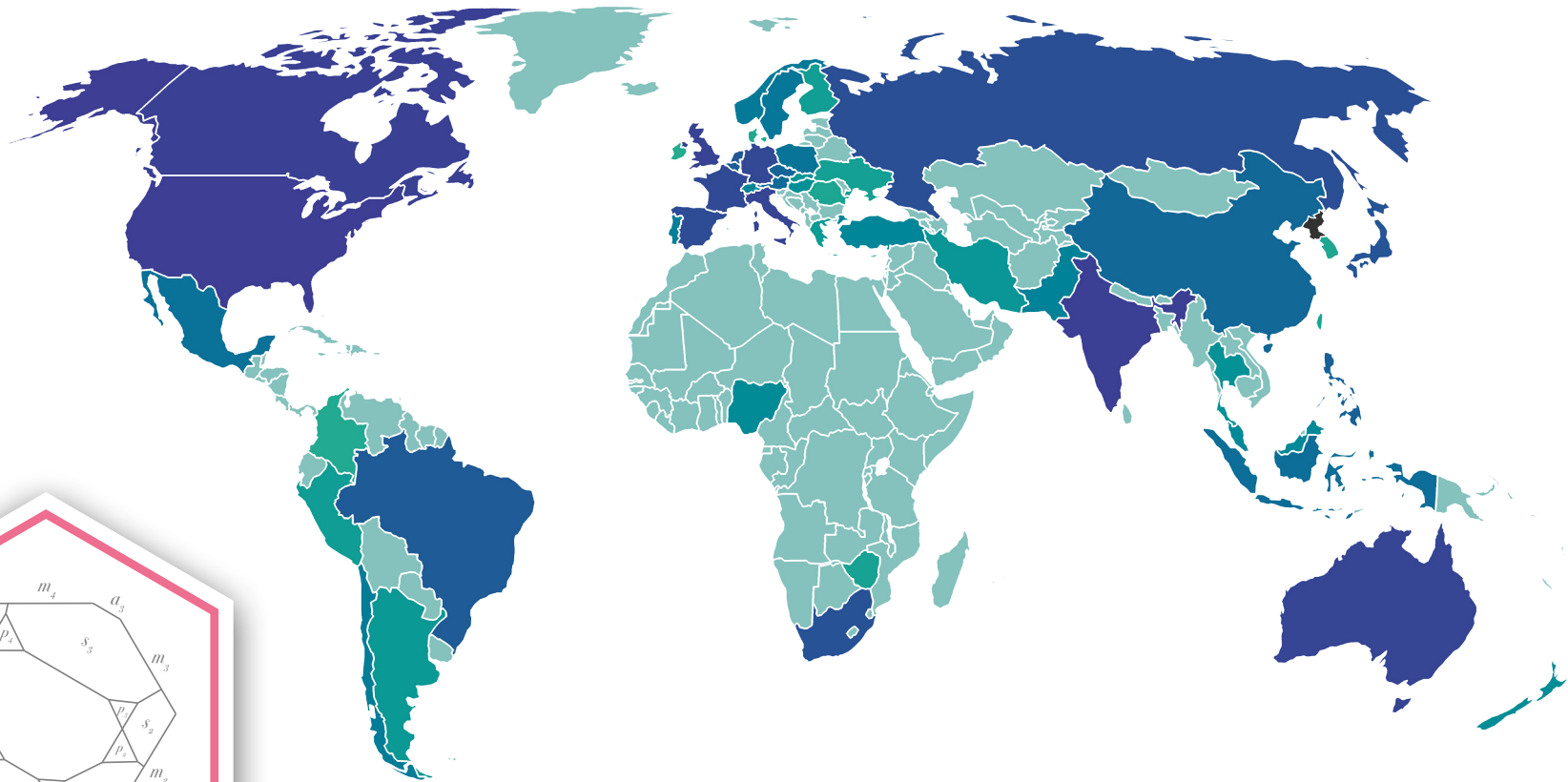
7,285
CONTRIBUTORS

55
MANAGERS

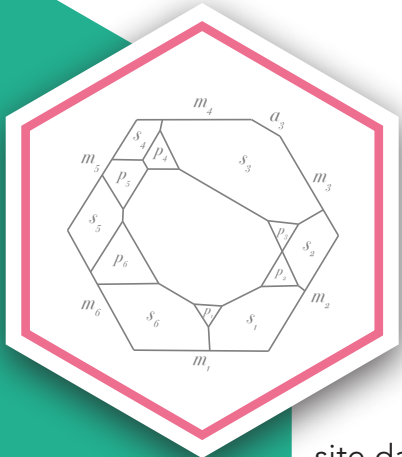
TOP
10



countries ranked by number of visits



most visits



site data for 2023

impact

In an era driven by data analysis, the vast quantity of information gathered by mindat.org will continue to be a valuable scientific research tool.

Accurate mineral information is crucial for all mining companies. This includes not only information about the primary ore minerals and their deposits, but also information about rarer minerals and their distribution that can be important indications for a wide range of commodities and deposit types.

The information available through mindat.org is valuable throughout the mining industry from exploratory stages all the way through to grade control in up-and-running operations.



APPLICATION

THE MINERAL EVOLUTION PROJECT

Since 2008, the Carnegie Institute, University of Arizona, and a team of other institutions have been making use of the data available through the mindat.org database in a project geared toward analyzing the development of mineralogy throughout Earth's geologic history.

Data provided by mindat.org regarding the geological settings and ages of mineral localities has allowed the Mineral Evolution project to show the changes in mineral diversity from the few hundred mineral species that appear in earth Earth to the over 5,500 species now known.

The understanding of the progression of mineralogy over time offers a more comprehensive insight to the study of earth sciences, but also facilitates a future of predictive modeling of mineral resource deposits.

See more about the Mineral Evolution project here.
www.mindat.org/a/mineral_evolution

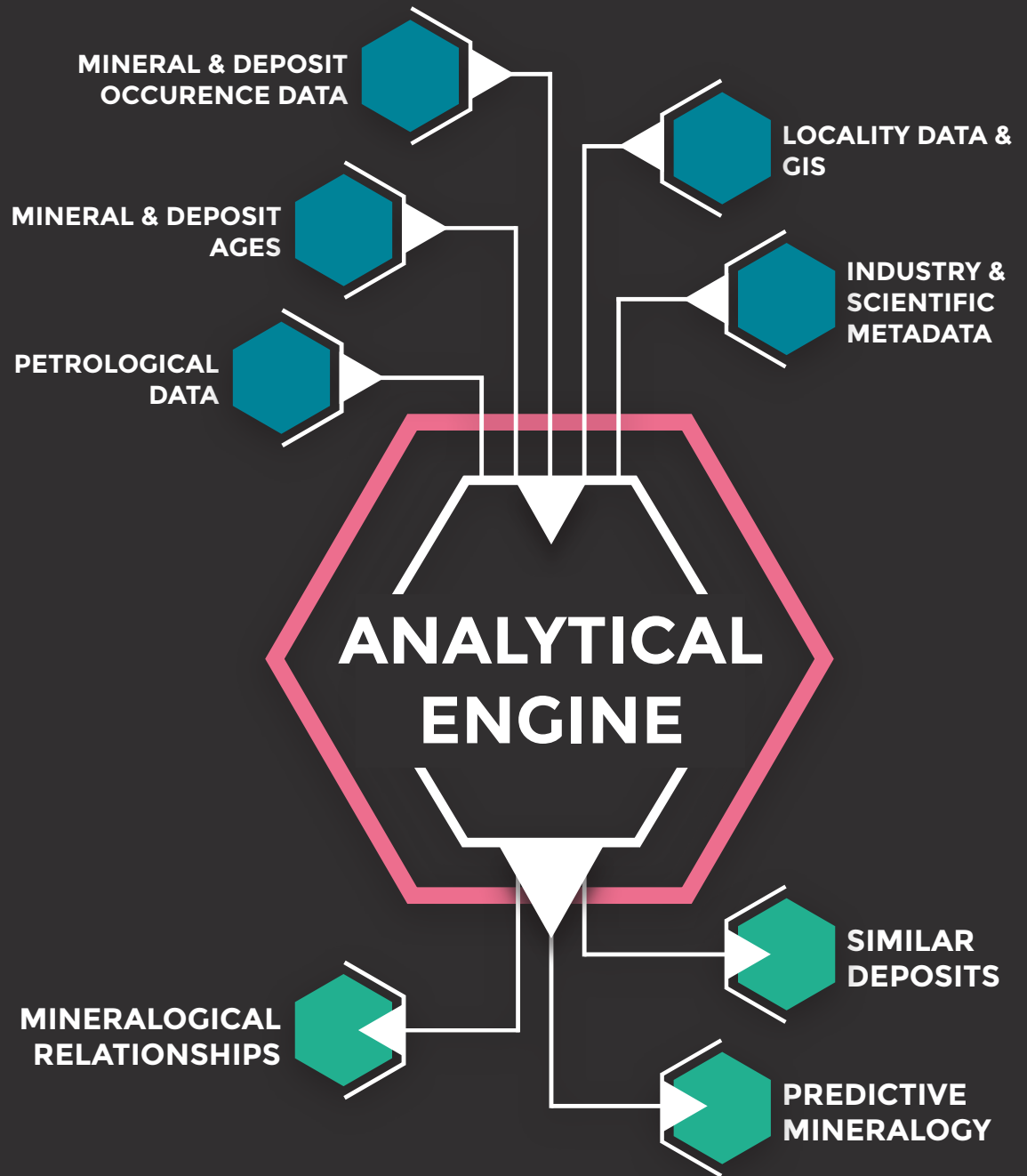
INNOVATION

Mindat.org is continuously engaged in developing cutting-edge techniques and analytical tools.

A “fingerprint” created from the mineralogical and geochemical signatures of a mineral deposit can be used to identify similar deposits worldwide.

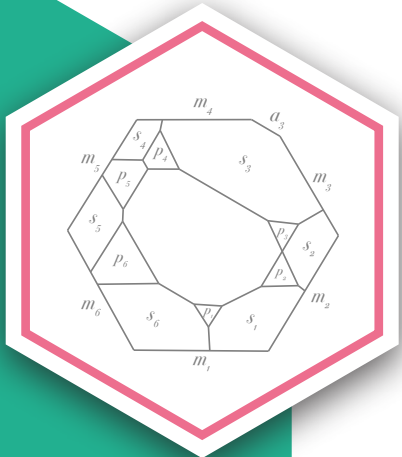
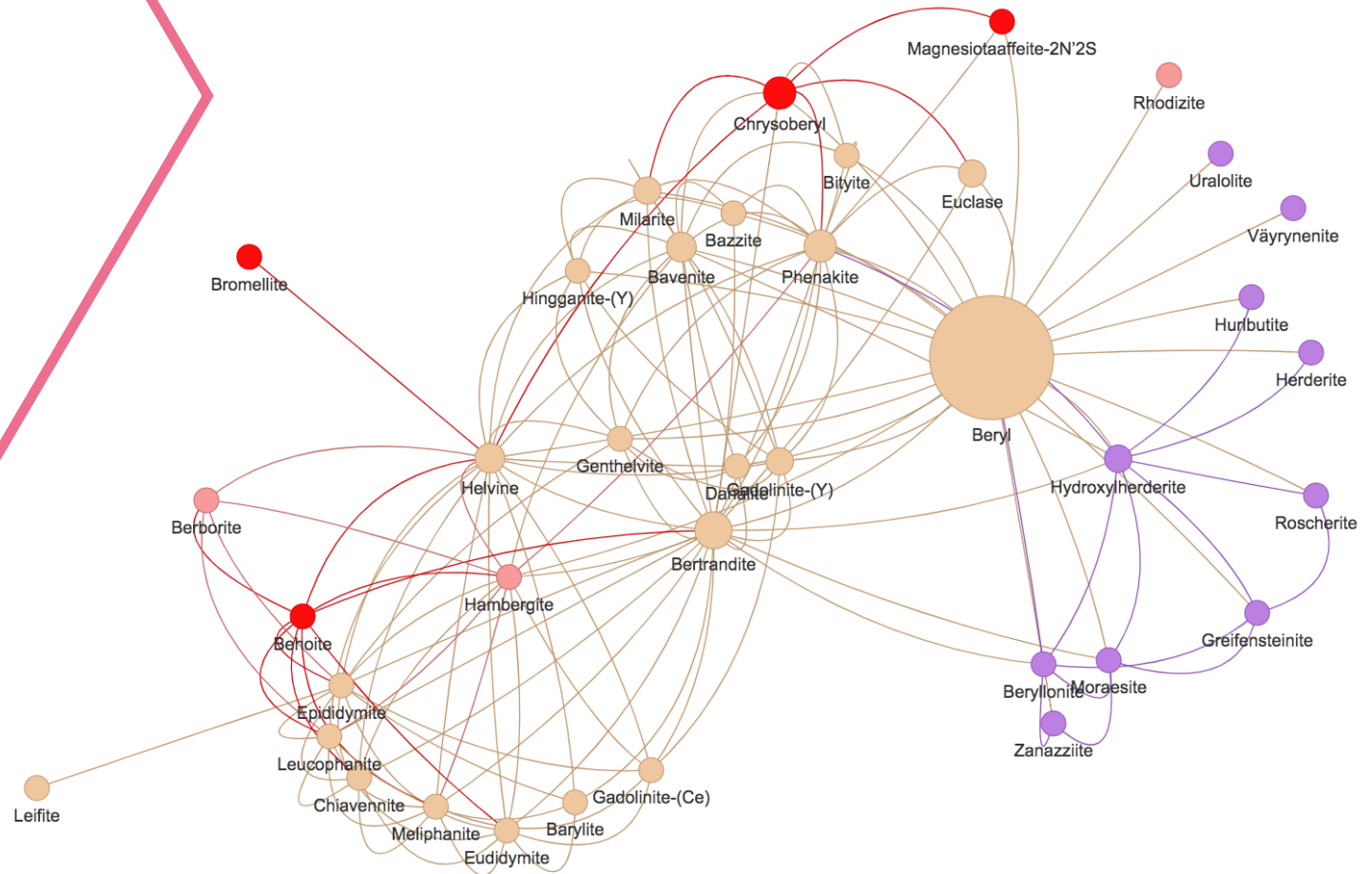
Coupling this fingerprint with statistical analysis of mindat.org localities and mineral data enables the prediction of unreported mineral species at any locality.

Statistical analysis of over a million interconnected mineral occurrences allows for the generation of patterns of interconnectivity revealing a complex structure of diversity and distribution.



MINERALOGICAL RELATIONSHIPS

Social Network Graphing allows for a visual exploration of the relationships between mineral species occurrences by tracking the patterns of association in minerals from deposits worldwide. This reveals patterns in the association of primary and secondary minerals that may not be immediately apparent.



INTERRELATIONSHIP OF BERYLLIUM MINERALS

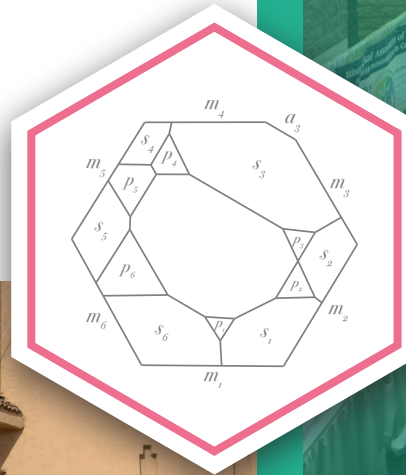
- ◆ BORATES
- ◆ PHOSPHATES, ARSENATES, VANADATES
- ◆ SILICATES (germanates)
- ◆ OXIDES (hydroxides, etc.)

outreach

Mindat.org maintains a prominent presence at international mineral trade shows and mineralogical, gemological, and geological symposia for educational and promotional purposes.

Approximately every two years, mindat.org organises a major international conference, combining academic programs with mineralogical field trips.

2nd International Conference, Morocco, November 2012



Presence at events also provides the opportunity to inform a global audience about these events using online live reporting.

See the 38th Annual New Mexico Mineral Symposium Live Report here.
www.mindat.org/a/38th_new_mexico_symposium

responsibility

Mindat.org is uniquely placed to help reinforce a positive message about mining, the importance of minerals, and how they can be won from the Earth in an ethical and balanced way.

Mining in the 21st century has seen the majority of mining companies taking great steps to both safeguard the environment and to bring positive benefits to local communities.

Working with mindat.org to promote this message will help dispel some of the myths and negative preconceptions about mining.



WE ARE EQUALLY PASSIONATE ABOUT OUR OWN SOCIAL RESPONSIBILITY.

THE MINDAT.ORG ETHOS:

To share our knowledge openly and freely with all.

To maintain the highest ethical standards within our organisation and to encourage others to do the same.

To ensure all those engaging in field work do so safely, legally, and conscientiously.

To bring a positive impact to all communities that we visit.

support

Mindat.org is a trusted educational outreach partner with a 23 year track record of excellence.

A partnership with mindat.org allows you to enhance and advance mindat.org's scientific and educational programmes, expand public awareness about ethical modern mining methods, and reinforce the awareness of the crucial role minerals play in contemporary life.

Mindat.org is the primary outreach project of the Hudson Institute of Mineralogy, a 501(c)(3) not-for-profit research, cultural, and educational entity chartered by the Board of Regents of the University of the State of New York.



CONTACT

If you are interested in learning more about the ways that your organisation can benefit from a partnership with mindat.org, please contact:

JOLYON RALPH
FOUNDER

jolyon@mindat.org

The Hudson Institute of Mineralogy
(dba mindat.org)
1113 Cambridge Hill Lane
Keswick, VA 22947-2749
USA