



Metallogenic Map of Peru 1:3 000 000

The Metallogenic Map of Peru displays: (1) 23 mineralized belts of base and precious metals (2) location of major mines and mining exploration projects shown by a symbol (3) size of ore mineral deposit (4) main metal content by association.

This map portrays mines with a known metal endowment (past production and global resources) and main exploration projects (global resources) classified by small, medium, large and giant.

One mineral deposits generally occur in clusters or districts that reflect a common geological setting, source, age and origin. Some areas contain primary deposits formed by fundamentally different mineralizing processes. These have been differentiated into separate with each being represented by symbol according to its deposit type.

For more information on the development of this map please see: Acosta et al 2009. Memoria del Mapa Metalogenetico del Peru. Development of the 1:3 000 000 scale. INGEMMET.

Credits

Bibliographical reference: Acosta, J., Quispe, J., Rivera, R., Valencia, M., Chirif, H., Huancuni, D., Rodriguez, I., Villarreal, E., Paico, D., and Santisteban, A. (2009) Memoria del Mapa Metalogenetico del Peru. INGEMMET.

Metallogenic belts and mineral deposits data base can be accessed online via <http://geocatminapp.ingemmet.gob.pe/apps/geocatmin/>

Disclaimer

The information in this publication is based on knowledge and understanding at time of writing (2009). However because of advances in knowledge, users are reminded of the need to insure that information upon which they rely is up to date.

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This map can be downloaded from <http://www.ingemmet.gob.pe/metalogenicos>

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GEOCATMIN

Geological and Mining Cadastre Information System
GEOCATMIN is an upgraded version of the multi-source geo-spatial data management and cadastre information (multiple – targeting version), researched and developed independently by the Geological Survey of Peru (INGEMMET). With the technical system based on ArcGIS Server by ESRI, it is a professional GIS software system integrating the processing, analysis, transformation and charting of the information, geography, geology, cadastral mining, restricted areas to mining activities, geophysics, geochemistry, hydrogeology, ore deposit types, technical reports and etc. (more than 100 layers of information). The research and development of GEOCATMIN has not only improved the original system's ability of solving the geological problems and mining cadastre upgrade, and perfected the software function, but also has the research and development of a multilingual software version realized, built an international platform for geo-data processing, and met the users' demand.

- It has the function of managing, processing and analyzing the multi-source geological data and mining cadastre.
- It can produce the reports of mining records and mining rights.
- It supports a variety of data formats at home and abroad (MAPGIS/ArcGIS/AutoCAD/MapInfo/Bmp/Tiff) and transformations of map projections globally.
- It covers geological exploration data processing and the geo-scientific GIS spatial analysis and application.
- It can produce a variety of thematic maps including contour maps, profile in plan, profile charts, symbol maps and maps recording the degree of geological works.
- It supports the switches of multilingual user interface.

Viewed in more than 200 countries over the 5 continent.
It can be used in smartphones and tablets off-line edition.
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