



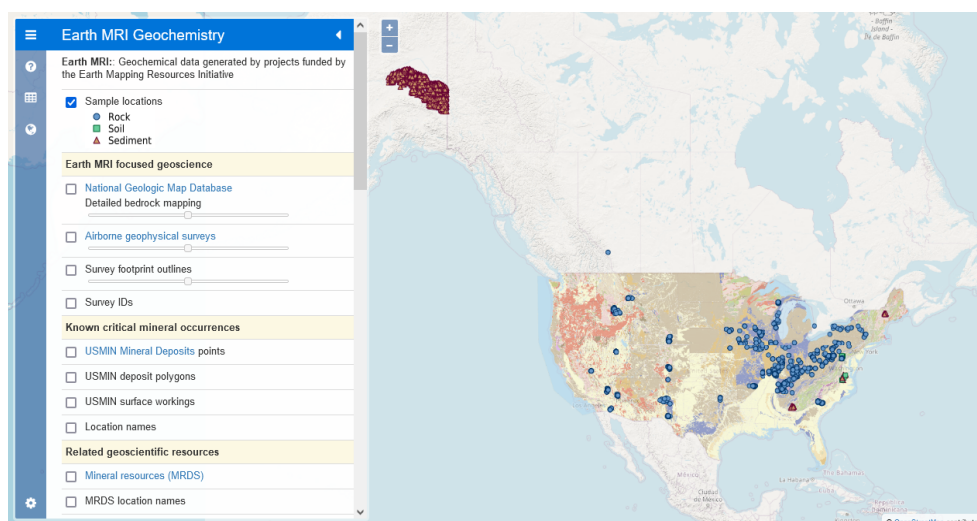
Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)
/ Online Spatial Data (/)

Earth MRI Geochemistry

Geochemical data generated by projects funded by the Earth Mapping Resources Initiative

View

Show in a web browser window:



United States (</earthmri/geochemistry/map-us.html>)

Show in your GIS using OGC (Open Geospatial Consortium) web services:

<https://mrdata.usgs.gov/services/earthmrichem> (/services/earthmrichem?request=GetCapabilities&service=WMS&version=1.3.0) (WMS, version 1.3.0)

<https://mrdata.usgs.gov/services/wfs/earthmrichem> (/services/wfs/earthmrichem?request=GetCapabilities&service=WFS&version=1.1.0) (WFS, version 1.1.0)

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Get the entire data set:

EMRI_Data_v07_20220831.accdb (https://www.sciencebase.gov/catalog/file/get/601963c6d34edf5c66f0d0e5?name=EMRI_Data_v07_20220831.accdb) (Microsoft Access database. 43M bytes)

QAQC_Values.csv (https://www.sciencebase.gov/catalog/file/get/601963c6d34edf5c66f0d0e5?name=QAQC_Values.csv) (Analysis of geochemical reference material standards, CSV format. 33k bytes)

EMRI_Data.csv (https://www.sciencebase.gov/catalog/file/get/601963c6d34edf5c66f0d0e5?name=EMRI_Data.csv) (Sample characteristics and geochemical analyses, CSV format. 8.6M bytes)

Limits_AnalyticalMethods.csv (https://www.sciencebase.gov/catalog/file/get/601963c6d34edf5c66f0d0e5?name=Limits_AnalyticalMethods.csv) (Detection limits for the analytical methods used, by chemical constituent, CSV format. 5.8k bytes)

Documentation

Metadata:

Outline (</earthmri/geochemistry/metadata/earthmrichem.html>) - Questions & Answers (</earthmri/geochemistry/metadata/earthmrichem.faq.html>) - Plain text (</earthmri/geochemistry/metadata/earthmrichem.txt>) - XML (</earthmri/geochemistry/metadata/earthmrichem.xml>)

About the database tables and fields

All database fields, by category (</earthmri/geochemistry/about.php>)

Earth Mapping Resources Initiative (Earth MRI) (<https://www.usgs.gov/special-topic/earthmri>)

An effort undertaken by USGS as part of the Federal strategy to ensure secure and reliable supplies of critical minerals.

Publication

Geochemical data generated by projects funded by the USGS Earth Mapping Resources Initiative
U.S. Geological Survey, 2021, Geochemical data generated by projects funded by the USGS Earth Mapping Resources Initiative (ver. 7.0, November 2022): U.S. Geological Survey data release, <https://doi.org/10.5066/P9WHRLXH>.
(<https://doi.org/10.5066/P9WHRLXH>)

Related topics

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term=1433), Copper (/catalog/science.php?thcode=2&term=1434), Dysprosium (/catalog/science.php?thcode=2&term=1444), Erbium (/catalog/science.php?thcode=2&term=1447), Europium (/catalog/science.php?thcode=2&term=1450), Gadolinium (/catalog/science.php?thcode=2&term=1459), Gallium (/catalog/science.php?thcode=2&term=1460), Geochemistry (/catalog/science.php?thcode=2&term=437), Germanium (/catalog/science.php?thcode=2&term=1463), Hafnium (/catalog/science.php?thcode=2&term=1466), Holmium (/catalog/science.php?thcode=2&term=1474), Igneous rocks (/catalog/science.php?thcode=2&term=572), Indium (/catalog/science.php?thcode=2&term=1479), Iron (/catalog/science.php?thcode=2&term=1483), Lanthanum (/catalog/science.php?thcode=2&term=1490), Lead (/catalog/science.php?thcode=2&term=1492), Lithium (/catalog/science.php?thcode=2&term=1494), Lutetium (/catalog/science.php?thcode=2&term=1497), Magnesium (/catalog/science.php?thcode=2&term=1498), Manganese (/catalog/science.php?thcode=2&term=1499), Mass spectroscopy (/catalog/science.php?thcode=2&term=711), Metamorphic rocks (/catalog/science.php?thcode=2&term=725), Molybdenum (/catalog/science.php?thcode=2&term=1509), Neodymium (/catalog/science.php?thcode=2&term=1516), Nickel (/catalog/science.php?thcode=2&term=1520), Niobium (/catalog/science.php?thcode=2&term=1521), Partnerships (/catalog/science.php?thcode=2&term=1772), Phosphorus (/catalog/science.php?thcode=2&term=1537), Potassium (/catalog/science.php?thcode=2&term=1543), Praseodymium (/catalog/science.php?thcode=2&term=1545), Rhenium (/catalog/science.php?thcode=2&term=1558), Rubidium (/catalog/science.php?thcode=2&term=1562), Samarium (/catalog/science.php?thcode=2&term=1566), Scandium (/catalog/science.php?thcode=2&term=1569), Sedimentary rocks (/catalog/science.php?thcode=2&term=1035), Selenium (/catalog/science.php?thcode=2&term=1572), Silicon (/catalog/science.php?thcode=2&term=1575), Silver (/catalog/science.php?thcode=2&term=1576), Soil chemistry (/catalog/science.php?thcode=2&term=1078), Strontium (/catalog/science.php?thcode=2&term=1581), Sulfur (/catalog/science.php?thcode=2&term=1582), Tantalum (/catalog/science.php?thcode=2&term=1584), Tellurium (/catalog/science.php?thcode=2&term=1589), Terbium (/catalog/science.php?thcode=2&term=1590), Thallium (/catalog/science.php?thcode=2&term=1592), Thorium (/catalog/science.php?thcode=2&term=1593), Thulium (/catalog/science.php?thcode=2&term=1594), Tin (/catalog/science.php?thcode=2&term=1596), Titanium (/catalog/science.php?thcode=2&term=1597), Tungsten (/catalog/science.php?thcode=2&term=1600), Unconsolidated deposits (/catalog/science.php?thcode=2&term=1199), Uranium (/catalog/science.php?thcode=2&term=1605), Vanadium (/catalog/science.php?thcode=2&term=1610), X-ray diffraction (/catalog/science.php?thcode=2&term=1337), Ytterbium (/catalog/science.php?thcode=2&term=1616), Yttrium (/catalog/science.php?thcode=2&term=1617), Zinc (/catalog/science.php?thcode=2&term=1618), Zirconium (/catalog/science.php?thcode=2&term=1619)

Comma-delimited text (/catalog/science.php?thcode=7&term=18), Microsoft Access format (/catalog/science.php?thcode=7&term=63)

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