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Geochemical data generated by projects funded by the USGS Earth Mapping Resources Initiative (ver. 7.0, November 2022)

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Dates

Publication Date :

2021-03-16

Start Date :

2019-10-01

Last Revision :

2022-11-07

Citation

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>.

Summary

The geochemical data included here were generated as part of the Earth Mapping Resources Initiative (Earth MRI), which was developed by the U.S. Geological Survey (USGS) in response to a Federal directive calling on various Federal agencies to address potential vulnerabilities in the Nation's supply of critical mineral resources. Earth MRI is a partnership between the USGS, State Geological Surveys, and industry coordinating with other federal agencies to accomplish the mission. The primary purpose of this initiative is to identify potentially mineralized areas containing critical minerals by gathering new basic geologic data about the United States and its territories and to make these data publicly available through the Earth MRI [...]

Contacts

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Publisher :[U.S. Geological Survey \(/catalog/catalogParty/show?partyId=18139\)](/catalog/catalogParty/show?partyId=18139)**USGS Program :**[Mineral Resources Program \(/catalog/catalogParty/show?partyId=17162\)](/catalog/catalogParty/show?partyId=17162)**USGS Mission Area :**[Energy and Minerals \(/catalog/catalogParty/show?partyId=Energy+and+Minerals\)](/catalog/catalogParty/show?partyId=Energy+and+Minerals)**SDC Data Owner :**[Geology, Geophysics, and Geochemistry Science Center \(/catalog/catalogParty/show?partyId=17386\)](/catalog/catalogParty/show?partyId=17386)**Distributor :**[U.S. Geological Survey - ScienceBase \(/catalog/catalogParty/show?partyId=70157\)](/catalog/catalogParty/show?partyId=70157)

Attached Files

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 EMRI_Geochem_Metadata_v07.xml <i>Original FGDC Metadata</i>	 View	286.91 KB	application/fgdc+xml
 EMRI_Data_v07_20220831.accdb		42.88 MB	application/x-msaccess
 EMRI_Data.csv		8.61 MB	text/csv
 Limits_AnalyticalMethods.csv		5.81 KB	text/csv
 QAQC_Values.csv		33.03 KB	text/csv
 EMRI_DataDictionary.csv		125.15 KB	text/csv
 EMRI_Geochem_Metadata_v07.html		550.64 KB	text/html
 USGS_Earth MRI Geochemistry Data Revision History.txt		6.57 KB	text/plain

Shapefile: EMRI_Locations.zip

 EMRI_Locations.dbf		4.56 MB
 EMRI_Locations.prj		144 Bytes
 EMRI_Locations.shp		236.4 KB
 EMRI_Locations.shx		67.61 KB

Related External Resources

Type: ArcGIS Web Services

Earth MRI Geochemical Data	https://usgs.maps.arcgis.com/home/item.html?id=53413cae999941f88b60cf288dd155b5 (https://usgs.maps.arcgis.com/home/item.html?id=53413cae999941f88b60cf288dd155b5)
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Type: Download

Explore Earth MRI Geochemistry Data	https://mrdata.usgs.gov/earthmri/geochemistry/ (https://mrdata.usgs.gov/earthmri/geochemistry/)
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Purpose

The goal of Earth MRI is to improve our knowledge of the geologic framework in the United States and to identify areas that may have the potential to contain undiscovered critical mineral resources. Enhancement of our domestic mineral supply will decrease the Nation’s reliance on foreign sources of minerals that are fundamental to our security and economy. These geochemical data were collected to support regional synthesis/synoptic surveys and geologic mapping by individual projects funded by Earth MRI.

Map » (/catalog/item/imap/601963c6d34edf5c66f0d0e5)



(/catalog/item/imap/601963c6d34edf5c66f0d0e5)

Spatial Services

ScienceBase WMS :

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Communities

- USGS Data Release Products ✱
- USGS Geology, Geophysics, and Geochemistry Science Center

Tags

Categories : Data (/catalog/items?q=&filter=browseCategory%3DData), Data Release - Revised (/catalog/items?q=&filter=browseCategory%3DData+Release+-+Revised)

Harvest Set : USGS Science Data Catalog (SDC) (/catalog/items?q=&filter=tags%3DUSGS+Science+Data+Catalog+%28SDC%29)

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Provenance

Revision 7.0 by Steven M. Smith on November 7, 2022. To review the changes that were made see 'USGS_Earth MRI Geochemistry Data Revision History.'

Additional Information

Identifiers

Type	Scheme	Key
DOI	https://www.sciencebase.gov/vocab/category/item/identifier	doi:10.5066/P9WHRLXH

Shapefile Extension

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Item Actions

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