Compiled Data of Uranium and Thorium Content of Intrusive Rocks in Northern Idaho, Idaho Geological Survey Digital Analytical Data 11, version 11.2013.1

Spreadsheet

Tags

Compiled Data of Uranium and Thorium Content, Intrusive Rocks, Northern Idaho

Summary

Compiled Data of Uranium and Thorium Content of Intrusive Rocks in Northern Idaho. The purpose of the study was to delineate areas that exhibit characteristics favorable for the occurrence of uranium deposits in areas of northeastern Washington and northern Idaho. Here we present a compilation from their Appendix A of only data for the area in northern Idaho.

Description

DAD-11 presents a compilation of analytical and location data for 55 intrusive rock samples from northern Idaho that were published as as part of the report Preliminary Report on Uranium and Thorium Content of Intrusive Rocks in Northeastern Washington and Northern Idaho, by S.B. Castor, M.R. Berry, and J.W. Robins, November 1977 (revised 1978), document number GJBX-89(77)R. Samples were collected between August 1976 and January 1977 by Bendix Field Engineering Corporation personnel, Grand Junction, Colorado. The report was prepared for the U.S. Department of Energy, Grand Junction Office, Colorado, under contract No. EY-76-C-13-1664.

Sample locations were derived from Public Land Survey descriptions in the above document, most of which were given to the nearest ¼¼¼ section, and a large-scale sample location map on microfiche in the document. An estimated location was then plotted in TOPO! from the sample location map, the location was then adjusted to the proper section subdivision, and a final adustment was made on the assumption that most samples were collected along roads or trails. Coordinates of these locations were then extracted into the compiled Appendix A for this report. We estimate the accuracy of this method to be within 300-700 feet. Samples in the 900 series in Appendix A were only located to the nearest ¼ section. Coordinates for these sample locations were similarly derived, but the accuracy is estimated to only be within about 2000 feet.

Credits

Compiled by Reed S. Lewis and John D. Kauffman. Funding for DAD-11 was provided in part by the Department of Energy Geothermal Technologies Program as part of the Association of American State Geologists' geothermal data project for the National Geothermal Data System under contract IDEE0002850. We acknowledge the careful typing and proofing of the chemical data by Sherry Pixley. Loudon Stanford assisted with metadata support.

Use limitations

There are no access and use limitations for this item.

Extent

West	-117.028630	**East**	-116.230840
North	48.971920	**South**	47.646980

Scale Range

Maximum (zoomed in)   1:5,000
Minimum (zoomed out) 1:500,000

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE   Downloadable Data

Hide Topics and Keywords ▲

Citation ►

TITLE   Compiled Data of Uranium and Thorium Content of Intrusive Rocks in Northern Idaho, Idaho Geological Survey Digital Analytical Data 11, version 11.2013.1
PUBLICATION DATE   2013-11-26   00:00:00

PRESENTATION FORMATS   digital table

SERIES
  NAME   Digital Analytical Data
  ISSUE   DAD-11, version 11.2013.1

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY
  ORGANIZATION'S NAME   Idaho Geological Survey
  CONTACT'S ROLE   originator

    CONTACT INFORMATION   ►
      PHONE
        VOICE   208-885-7991

      ADDRESS
        TYPE   postal
        DELIVERY POINT   University of Idaho, 875 Perimeter Dr. MS 3014, 303 Morrill Hall
        CITY   Moscow
        ADMINISTRATIVE AREA   Idaho
        POSTAL CODE   83844-3014
        E-MAIL ADDRESS   igs@uidaho.edu

    Hide Contact information ▲

Hide Citation Contacts ▲

Resource Details ►

DATASET LANGUAGES   * English (UNITED STATES)
DATASET CHARACTER SET   utf8 - 8 bit UCS Transfer Format

STATUS   completed
SPATIAL REPRESENTATION TYPE   * vector

* PROCESSING ENVIRONMENT   Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.1.3143

CREDITS
    Compiled by Reed S. Lewis and John D. Kauffman.
    Funding for DAD-11 was provided in part by the Department of Energy Geothermal Technologies Program as part of the Association of American State Geologists' geothermal data project for the National Geothermal Data System under contract IDEE0002850. We acknowledge the careful typing and proofing of the chemical data by Sherry Pixley. Loudon Stanford assisted with metadata support.

ARCGIS ITEM PROPERTIES
* NAME   DAD-11
* SIZE   0.002
* LOCATION   file://\\igs-graben\temp\Geothermal\NURE DAD files\DADwork\DAD-11\shape\DAD-11.shp
  * ACCESS PROTOCOL   Local Area Network

Hide Resource Details ▲

Extents ►

EXTENT
DESCRIPTION
   Data not time-sensitive

GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE   Extent used for searching
* WEST LONGITUDE   -117.028630
* EAST LONGITUDE   -116.230840
* NORTH LATITUDE   48.971920
* SOUTH LATITUDE   47.646980
* EXTENT CONTAINS THE RESOURCE   Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE   -117.028630
* EAST LONGITUDE   -116.230840
* SOUTH LATITUDE   47.646980
* NORTH LATITUDE   48.971920
* EXTENT CONTAINS THE RESOURCE   Yes

Hide Extents ▲

Resource Maintenance ►

RESOURCE MAINTENANCE
UPDATE FREQUENCY   as needed

Hide Resource Maintenance ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM
* TYPE   Geographic
* GEOGRAPHIC COORDINATE REFERENCE   GCS_North_American_1927
* COORDINATE REFERENCE DETAILS
GEOGRAPHIC COORDINATE SYSTEM
WELL-KNOWN IDENTIFIER   4267
X ORIGIN   -400
Y ORIGIN   -400
XY SCALE   11258999068426.238
Z ORIGIN   -100000
Z SCALE   10000
M ORIGIN   -100000
M SCALE   10000
XY TOLERANCE   8.9830550972891565e-009
Z TOLERANCE   0.001
M TOLERANCE   0.001
HIGH PRECISION   true
LEFT LONGITUDE   -180
LATEST WELL-KNOWN IDENTIFIER   4267
WELL-KNOWN TEXT   GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID
["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433],AUTHORITY["EPSG",4267]]

REFERENCE SYSTEM IDENTIFIER
* VALUE   4267
* CODESPACE   EPSG

* VERSION 7.11.2

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME DAD-11
* OBJECT TYPE point
* OBJECT COUNT 63

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE CLASS NAME DAD-11
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 63
* SPATIAL INDEX FALSE
* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Distribution ►

DISTRIBUTION FORMAT
NAME Spreadsheet
VERSION Microsoft Excell 2003

TRANSFER OPTIONS
* TRANSFER SIZE 0.002

ONLINE SOURCE
LOCATION http://www.idahogeology.org/Products/reverselook.asp?
switch=title&value=Compiled_Data_of_Uranium_and_Thorium_Content_of_Intrusive_Rocks_in_Northern_Idaho

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT DAD-11 ►
* TYPE Feature Class
* ROW COUNT 63

FIELD FID ►
* ALIAS FID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

Hide Field FID ▲

FIELD Shape ▶
* ALIAS   Shape
* DATA TYPE   Geometry
* WIDTH   0
* PRECISION   0
* SCALE   0
* FIELD DESCRIPTION
   Feature geometry.

* DESCRIPTION SOURCE
   Esri

* DESCRIPTION OF VALUES   Coordinates defining the features.

Hide Field Shape ▲

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* ALIAS   Sample_No_
* DATA TYPE   String
* WIDTH   254
* PRECISION   0
* SCALE   0

Hide Field Sample_No_ ▲

FIELD K ▶
* ALIAS   K
* DATA TYPE   Double
* WIDTH   16
* PRECISION   15
* SCALE   6

Hide Field K ▲

FIELD U__ppm_ ▶
* ALIAS   U__ppm_
* DATA TYPE   Double
* WIDTH   16
* PRECISION   15
* SCALE   6

Hide Field U__ppm_ ▲

FIELD Th__ppm_ ▶
* ALIAS   Th__ppm_
* DATA TYPE   Double
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* PRECISION   15
* SCALE   6

Hide Field Th__ppm_ ▲

FIELD U_Th ▶
* ALIAS   U_Th
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* PRECISION   15
* SCALE   6

Hide Field U_Th ▲

FIELD U__ppm___K ▶
* ALIAS   U__ppm___K

* **Data type** Double
* **Width** 16
* **Precision** 15
* **Scale** 6

Hide Field U__ppm___K ▲

Field Total__ppm ►
* **Alias** Total__ppm
* **Data type** Double
* **Width** 16
* **Precision** 15
* **Scale** 6

Hide Field Total__ppm ▲

Field Leachable ►
* **Alias** Leachable
* **Data type** Double
* **Width** 16
* **Precision** 15
* **Scale** 6

Hide Field Leachable ▲

Field Twn_ ►
* **Alias** Twn_
* **Data type** String
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* **Precision** 0
* **Scale** 0

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Field Rng_ ►
* **Alias** Rng_
* **Data type** String
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* **Precision** 0
* **Scale** 0

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Field Sec_ ►
* **Alias** Sec_
* **Data type** Double
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* **Precision** 15
* **Scale** 6

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Field 1_4_Sec_ ►
* **Alias** 1_4_Sec_
* **Data type** String
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* **Precision** 0
* **Scale** 0

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Field County ►

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* PRECISION   0
* SCALE   0

Hide Field County ▲

FIELD State ►
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* PRECISION   0
* SCALE   0

Hide Field State ▲

FIELD Latitude ►
* ALIAS   Latitude
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* PRECISION   15
* SCALE   6

Hide Field Latitude ▲

FIELD Longitude ►
* ALIAS   Longitude
* DATA TYPE   Double
* WIDTH   16
* PRECISION   15
* SCALE   6

Hide Field Longitude ▲

FIELD Kspar_ ►
* ALIAS   Kspar_
* DATA TYPE   Double
* WIDTH   16
* PRECISION   15
* SCALE   6

Hide Field Kspar_ ▲

FIELD Plag_ ►
* ALIAS   Plag_
* DATA TYPE   Double
* WIDTH   16
* PRECISION   15
* SCALE   6

Hide Field Plag_ ▲

FIELD Qtz_ ►
* ALIAS   Qtz_
* DATA TYPE   Double
* WIDTH   16
* PRECISION   15
* SCALE   6

Hide Field Qtz_ ▲

FIELD Biot_ ►
   * ALIAS Biot_
   * DATA TYPE Double
   * WIDTH 16
   * PRECISION 15
   * SCALE 6

   Hide Field Biot_ ▲

FIELD Hbd_ ►
   * ALIAS Hbd_
   * DATA TYPE Double
   * WIDTH 16
   * PRECISION 15
   * SCALE 6

   Hide Field Hbd_ ▲

FIELD Musc_ ►
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   * DATA TYPE String
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   * PRECISION 0
   * SCALE 0

   Hide Field Musc_ ▲

FIELD Acc_ ►
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   * PRECISION 0
   * SCALE 0

   Hide Field Acc_ ▲

FIELD Lithology ►
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   * DATA TYPE String
   * WIDTH 254
   * PRECISION 0
   * SCALE 0

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Hide Details for object DAD-11 ▲

Hide Fields ▲

Metadata Details ►

* METADATA LANGUAGE English (UNITED STATES)
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2013-11-27

ARCGIS METADATA PROPERTIES
   METADATA FORMAT ArcGIS 1.0
   METADATA STYLE FGDC CSDGM Metadata
   STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM   2013-11-26   15:14:43
LAST MODIFIED IN ARCGIS FOR THE ITEM   2013-11-27   11:23:38

AUTOMATIC UPDATES
  HAVE BEEN PERFORMED   Yes
  LAST UPDATE   2013-11-27   11:22:47

Hide Metadata Details ▲

Metadata Contacts ►

METADATA CONTACT
  ORGANIZATION'S NAME   Idaho Geological Survey
  CONTACT'S ROLE   distributor

    CONTACT INFORMATION   ►
      PHONE
        VOICE   208-885-7991

      ADDRESS
        TYPE   postal
        DELIVERY POINT   University of Idaho, 875 Perimeter Dr. MS 3014, 303 Morrill Hall
        CITY   Moscow
        ADMINISTRATIVE AREA   Idaho
        POSTAL CODE   83844-3014
        E-MAIL ADDRESS   IGS@uidaho.edu

    Hide Contact information ▲

Hide Metadata Contacts ▲

Thumbnail and Enclosures ►

THUMBNAIL
  THUMBNAIL TYPE   JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼