

Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005 compiled by John D. Kauffman, 2006: Idaho Geological Survey DAD-1

Metadata:

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Identification Information:

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Citation:

Citation Information:

Originator: John D. Kauffman

Publication Date: 20080530

Title: *Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005 compiled by John D. Kauffman, 2006: Idaho Geological Survey DAD-1*

Edition: 2.2008.05

Geospatial Data Presentation Form: point spread sheet data (Excel 9.0.x)

Series Information:

Series Name: Digital Analytical Data

Issue Identification: DAD-1

Publication Information:

Publication Place: Moscow, Idaho

Publisher: Idaho Geological Survey

Online Linkage: <http://www.idahogeology.org/>

Description:

Abstract:

Geochemistry sample data:

Geochemistry sample analysis data (point data) from Idaho

Purpose:

Geochemical analysis of rock samples in Idaho

Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 2005

Currentness Reference: publication date

Status:

Progress: complete

Maintenance and Update Frequency: As needed

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -117.1221

East Bounding Coordinate: -114.26549

North Bounding Coordinate: 47.87605

South Bounding Coordinate: 42.63895

Keywords:

Theme:

Theme Keyword Thesaurus: none

Theme Keyword: geochemical data

Place:

Place Keyword Thesaurus: none

Place Keyword: Idaho

Geology:

Geology Keyword Thesaurus:

Geology Keyword : Geochemistry data

Access Constraints: none

Use Constraints: Digital compilation data intended for non site-specific investigations

Point of Contact:

Contact Information:

Contact Person Primary:

Contact Person: [Loudon R. Stanford](#)

Contact Organization: Idaho Geological Survey

Contact Position: Manager, IGS-Digital Geologic Mapping

Contact Address:

Address Type: physical

Address: 3rd Floor Morrill Hall, University of Idaho

City: Moscow

State or Province: Idaho

Postal Code: 83844-3014

Country: USA

Contact Voice Telephone: 208 885-7479

Contact Facsimile Telephone: 208 885-5826

Contact E-mail: stanford@uidaho.edu

Browse Graphic:

Browse Graphic File Name: none

Browse Graphic File Description: none

Browse Graphic File Type: none

Data Set Credit: John D. Kauffman

Data Quality Information:

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Attribute Accuracy:

Attribute Accuracy Report:

Geochemistry sample data:

Geochemistry sample locations are visually checked against original maps for completeness.

Logical Consistency Report:

Geochemistry sample data:

Geochem sample data used in this compilation was visually compared against topographic and geologic maps to determine errors.

Completeness Report:

Geochemistry sample data:

Geochem samples and their attributes for this data set come from the map authors. Symbols are non-rotated. Detailed descriptions of attributes are found in the Explanation Tab in the Excel file.

Positional Accuracy:

Horizontal Positional Accuracy:

Horizontal Positional Accuracy Report:

Geochemistry sample data:

Horizontal accuracy is difficult to quantify for point location data of this type. Data was compiled from many sources.

Lineage:

Source Information:

Source Citation: OF80-921

Citation Information:

Originator: Thomas L. Wright, Kevin N. Black, Donald A. Swanson, and Tim O'Hearn

Publication Date: 1980

Title: *Columbia River Basalt: 1978-1979 sample data and chemical analysis*

Series Information:

Series Name: Open File Report

Issue Identification: none

Publication Information:

Publisher Place: Unknown

Publisher: U.S. Geological Survey

Source Scale Denominator: 0

Source Scale Denominator for Field Map: 0

Type of Source Media:

Source Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 1980

Source Currentness Reference: publication date

Source Citation Abbreviation: OF80-921

Source Contribution: Geochemistry sample data

Source Description: USGS Open File Report

Base Map Scale: 0

Process Description:

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -117

East Bounding Coordinate: -114

North Bounding Coordinate: 46

South Bounding Coordinate: 45

Source Information:

Source Citation: IGS-UP-JK2004g

Citation Information:

Originator: John D. Kauffman

Publication Date:

Title: *Unpublished Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho*

Series Information:

Series Name: none

Issue Identification: none

Publication Information:

Publisher Place: Moscow, Idaho

Publisher: Idaho Geological Survey

Source Scale Denominator: 0

Source Scale Denominator for Field Map: 0

Type of Source Media:

Source Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 2004

Source Currentness Reference: 2004

Source Citation Abbreviation: IGS-UP-JK2004g
Source Contribution: Geochemistry sample data
Source Description: Unpublished geochemistry data
Base Map Scale: 0
Process Description:

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -117.1221
East Bounding Coordinate: -114.26549
North Bounding Coordinate: 47.87605
South Bounding Coordinate: 42.63895

Source Information:

Source Citation: IGS-TR99-3

Citation Information:

Originator: John H. Bush, Linda J. Odenborg, and
Neil D. Odenborg

Publication Date: 1999

Title: *Bedrock Geologic Map of the Deary
Quadrangle, Latah County, Idaho*

Series Information:

Series Name: Technical Report

Issue Identification: none

Publication Information:

Publisher Place: Moscow, Idaho

Publisher: Idaho Geological Survey

Source Scale Denominator: 24000

Source Scale Denominator for Field Map: 0

Source Scale Denominator for Publication Map: 24000

Type of Source Media:

Source Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 1999

Source Currentness Reference: 1999

Source Citation Abbreviation: IGS-TR99-3

Source Contribution: Geochemistry sample data and geologic map data

Source Description: Idaho Geological Survey Technical Report

Base Map Information:

Base Map Name: Deary

Base Map Scale: 24000

Process Description:

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -116.625
East Bounding Coordinate: -116.5

North Bounding Coordinate: 47.875
South Bounding Coordinate: 47.75

Source Information:

Source Citation: IGS-GM-33

Citation Information:

Originator: Reed S. Lewis, Russell F. Burmester,
Roy M. Breckenridge, Mark D. McFaddan, and
John D. Kauffman

Publication Date: 2002

Title: *Geologic Map of the Coeur d'Alene 30 x 60
Minute Quadrangle, Idaho*

Series Information:

Series Name: Geologic Map

Issue Identification: none

Publication Information:

Publisher Place: Moscow, Idaho

Publisher: Idaho Geological Survey

Source Scale Denominator: 100000

Source Scale Denominator for Field Map: 24000

Source Scale Denominator for Publication Map: 100000

Type of Source Media:

Source Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 2002

Source Currentness Reference: 2002

Source Citation Abbreviation: IGS-GM-33

Source Contribution: Geochemistry sample data and geologic map data

Source Description: Idaho Geological Survey Geologic Map

Base Map Information:

Base Map Name: Coeur d'Alene

Base Map Scale: 100000

Process Description:

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -117

East Bounding Coordinate: -116

North Bounding Coordinate: 48

South Bounding Coordinate: 47.5

Source Information:

Source Citation: IGS-GM-28

Citation Information:

Originator: Reed S. Lewis, Russell F. Burmester,
John D. Kauffman, and Thomas P. Frost

Publication Date: 2000

Title: *Geologic Map of the St. Maries 30 x 60 Minute Quadrangle, Idaho*

Series Information:

Series Name: Geologic Map

Issue Identification: none

Publication Information:

Publisher Place: Moscow, Idaho

Publisher: Idaho Geological Survey

Source Scale Denominator: 100000

Source Scale Denominator for Field Map: 24000

Source Scale Denominator for Publication Map: 10000

Type of Source Media:

Source Time Period of Content:

Time Period Information:

Single Date/Time:

Calendar Date: 2000

Source Currentness Reference: 2000

Source Citation Abbreviation: IGS-GM-28

Source Contribution: Geochemistry sample data and geologic map data

Source Description: Idaho Geological Survey Geologic Map

Base Map Information:

Base Map Name: St. Maries

Base Map Scale: 100000

Process Description:

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -117

East Bounding Coordinate: -116

North Bounding Coordinate: 48.5

South Bounding Coordinate: 48

Process Step:

Process Description: 1,445 volcanic rock samples in Idaho; Most samples were collected by personnel of the Idaho Geol. Survey or the Dept. of Geol. Sciences, Univ. of Idaho; includes a suite of samples collected by Victor E. Camp from 1978-1980

Process Date: 20040315

Process Step:

Process Description: Data samples compiled in Microsoft Excel for publication

Process Date: 2006

Spatial Data Organization Information:

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Direct Spatial Reference Method:

Geochemistry sample data: point

Point and Vector Object Information:

SDTS Terms Description:

SDTS Point and Vector Object Type:

Geochemistry sample data: entity point

Spatial Reference Information:

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Horizontal Coordinate System Definition:

Geographic:

Latitude_Resolution: 8

Longitude_Resolution: 10

Geographic_Coordinate_Units: Decimal degrees

Geodetic Model:

Horizontal Datum Name: NAD27

Ellipsoid Name: Clark 1866

Semi-Major Axis: 6378206.4

Denominator of Flattening Ratio: 294.98

Entity and Attribute Information:

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Detailed Description:

Entity Type:

Entity Type Label: Geochemistry sample data

Entity Type Definition: All major oxide and trace element analyses are by X-ray fluorescence (XRF) spectrometry; major oxides are in weight percent; trace elements are in parts per million

Entity Type Definition Source: Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005, compiled by John D. Kauffman, 2006: Idaho Geological Survey DAD-1

Attribute:

Attribute Label: Geochemistry sample codes

Attribute Definition: All major oxide and trace element analyses are by X-ray fluorescence (XRF) spectrometry; major oxides are in weight percent; trace elements are in parts per million

Attribute Definition Source: Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005, compiled by John D. Kauffman, 2006: Idaho Geological Survey DAD-1

Attribute Domain Values:

Codeset Domain:

Codeset Name: Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005

Codeset Source: Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005. See Explanation Tab in Excel file.

Overview Description: (Geochemistry sample data)

Entity and Attribute Overview Description:

All major oxide and trace element analyses are by X-ray fluorescence (XRF) spectrometry; major oxides are in weight percent; trace elements are in parts per million. Lab = laboratory where analyses were performed: WSU = Washington State University GeoAnalytical Laboratory; UMASS = University of Massachusetts

Entity and Attribute Detail Citation:

Major Oxide and Trace Element Analyses for Volcanic Rock Samples From Idaho From 1978 Through 2005, compiled by John D. Kauffman, 2006: Idaho Geological Survey DAD-1

Distribution Information:

[Section Index](#)

Distributor:

Contact Information:

Contact Person Primary:

Contact Person: Loudon R. Stanford

Contact Organization: Idaho Geological Survey

Contact Position: Manager, IGS-Digital Geologic Mapping

Contact Address:

Address Type: physical

Address: 3rd Floor Morrill Hall, University of Idaho

City: Moscow

State or Province: Idaho

Postal Code: 83844-3014

Country: USA

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Contact FAX: 208 885-5826

Contact E-mail: stanford@uidaho.edu

Resource Description: none

Distribution Liability: The Idaho Geological Survey does not assume liability; no warranty expressed or implied is made by the Agency regarding the utility of the data on any other system, nor shall the act of distribution constitute any such warranty

Standard Order Process:

Digital Form:

Digital Transfer Information:

Format Name: Microsoft Excel 9.0.x file

Format Version Number: 9.0.x

Format Information Content: Excel spread sheet file

File Decompression Technique: WinZip

Digital Transfer Option:

Online Option:

Computer Contact Information:

Network Address:

Network Resource Name:

<http://www.idahogeology.org>

Offline Option:

Offline Media: none

Fees: none

Ordering Instructions: Online only

Technical Prerequisites: Work knowledge of Microsoft Excel and a good understanding of geochemical rock analysis.

Metadata Reference Information:

[Section Index](#)

Metadata Date: 20080530

Metadata Contact:

Contact Information:

Contact Person Primary:

Contact Person: Loudon R. Stanford

Contact Organization: Idaho Geological Survey

Contact Position: Manager, IGS-Digital Geologic Mapping

Contact Address:

Address Type: physical

Address: 3rd Floor Morrill Hall, University of Idaho

City: Moscow

State or Province: Idaho

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Country: USA

Contact Voice Telephone: 208 885-7479

Contact FAX: 208 885-5826

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Metadata Standard Name: FGDC Content Standards for Digital
Geospatial Metadata
Metadata Standard Version: FGDC-STD-001-1998
