Rose Borden

INSC 524 Metadata

Assignment 4 Part I: Specification

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| --- | --- |
| Name | sampleCollector |
| Label | Primary Collector |
| URI | <http://schema.igsn.org/description/1.0/include/identifierType.xsd> |
| Definition | An entity primarily responsible for the collection of the sample; Personal: Last, First |
| Obligation & Occurrence | required |
| Example | Smith, Jane |
| Comment |  |

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| --- | --- |
| Name | projectName |
| Label | Project Name |
| URI | Schema.utk.edu/projectName.xsd |
| Definition | Name of the research project; Sentence, first letter capitalized |
| Obligation & Occurrence | optional |
| Example | Investigating the Origins of the North Blaine Granite |
| Comment |  |

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| --- | --- |
| Name | projectIdentifier |
| Label | Project ID |
| URI | Schema.utk.edu/projectIdentifier |
| Definition | Internal ID number for the project; Character string, 8 characters |
| Obligation & Occurrence | optional |
| Example | AD1029GH |
| Comment |  |

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| --- | --- |
| Name | principalInvestigator |
| Label | Principal Investigator |
| URI | Schema.utk.edu/principalInvestigator |
| Definition | Responsible for the project under which this sample was collected; Personal: Last, First |
| Obligation & Occurrence | optional |
| Example | Williams, Sheila |
| Comment |  |

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| --- | --- |
| Name | sampleIdentifier |
| Label | IGSN |
| URI | http://schema.igsn.org/description/1.0/include/identifierType.xsd |
| Definition | The registered International GeoSample Number; Character string, 9 characters |
| Obligation & Occurrence | required |
| Example | APB000022 |
| Comment |  |

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| --- | --- |
| Name | classification |
| Label | Rock Type |
| URI | Schema.utk.edu/classification |
| Definition | Official rock classification; Igneous/metamorphic/sedimentary>modifier>rock name |
| Obligation & Occurrence | required |
| Example | Igneous>Plutonic>Granite |
| Comment |  |

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| --- | --- |
| Name | sampleDescription |
| Label | Sample Description |
| URI | schema.utk.edu/sampleDescription |
| Definition | Free text description of the sample |
| Obligation & Occurrence | required |
| Example | Euhedral white plagioclase and black biotite, anhedral grayish quartz |
| Comment |  |

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| --- | --- |
| Name | locationDescription |
| Label | Location Description |
| URI | Schema.utk.edu/locationDescription |
| Definition | Free text description of the location where the sample was found |
| Obligation & Occurrence | required |
| Example | Outcrop on the south side of highway 129 at milepost 54 |
| Comment |  |

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| --- | --- |
| Name | country |
| Label | Country |
| URI | Schema.utk.edu/country |
| Definition | The country where the sample was found; Recognized abbreviation |
| Obligation & Occurrence | required |
| Example | USA |
| Comment |  |

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| --- | --- |
| Name | stateProvince |
| Label | State/Province |
| URI | Schema.utk.edu/stateprovince |
| Definition | The state or province where the sample was found, if the country has them; Postal code abbreviation |
| Obligation & Occurrence | optional |
| Example | WA |
| Comment |  |

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| --- | --- |
| Name | county |
| Label | County |
| URI | Schema.utk.edu/county |
| Definition | The county where the sample was found, if not in a city; Official name, first letter capitalized |
| Obligation & Occurrence | optional |
| Example | King |
| Comment |  |

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| --- | --- |
| Name | city |
| Label | City |
| URI | Schema.utk.edu/city |
| Definition | The city or township where the sample was found; official name, first letter capitalized |
| Obligation & Occurrence | optional |
| Example | Kent |
| Comment |  |

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| --- | --- |
| Name | collectionDate |
| Label | Date collected |
| URI | Schema.utk.edu/collectionDate |
| Definition | The date when the sample was collected; YYYY-MM-DD |
| Obligation & Occurrence | required |
| Example | 2012-10-28 |
| Comment |  |

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| --- | --- |
| Name | collectionTime |
| Label | Time collected |
| URI | Schema.utk.edu/collectiontime |
| Definition | The time when the sample was collected in Universal Time; 00:00:00 UT |
| Obligation & Occurrence | required |
| Example | 13:42:00 UT |
| Comment |  |

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| --- | --- |
| Name | latitude |
| Label | Latitude |
| URI | Schema.utk.edu/latitude |
| Definition | The latitude at which the sample was collected, in decimal degrees, negative values for Southern latitudes |
| Obligation & Occurrence | required |
| Example | 35.928026 |
| Comment |  |

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| --- | --- |
| Name | longitude |
| Label | Longitude |
| URI | Schema.utk.edu/longitude |
| Definition | The longitude at which the sample was collected, in decimal degrees, negative values for Western longitudes |
| Obligation & Occurrence | required |
| Example | -84.041897 |
| Comment |  |

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| --- | --- |
| Name | collectionMethod |
| Label | Collection Method |
| URI | Schema.utk.edu/collectionmethod |
| Definition | Method of sample collection; value from list |
| Obligation & Occurrence | required |
| Example | Manual>Hammer |
| Comment |  |

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| --- | --- |
| Name | geologicUnit |
| Label | Geologic Unit |
| URI | Schema.utk.edu/geologicunit |
| Definition | The recognized geologic unit where the sample was found, if there is one |
| Obligation & Occurrence | optional |
| Example | North Blaine granite |
| Comment |  |