

## MyGDI METADATA DATA DICTIONARIES

No.	Name	Definition	Domain
	<b>MD_Metadata</b>	<i>root entity which defines metadata about a resource or resources</i>	
1	File Identifier	<i>unique identifier for this metadata file</i>	Free Text
2	Language	<i>language used for documenting metadata</i>	
3	Character Set	<i>full name of the character coding standard used for the metadata set</i>	MD_CharacterSetCode <<CodeList>> (B.5.3)
4	Parent Identifier	<i>file identifier of the metadata to which this metadata is a subset (child)</i>	Free text
5	Hierarchy Level	<i>scope to which the metadata applies</i>	MD_ScopeCode <<CodeList>> (B.5.8)
	<b>CI_ResponsibleParty</b>	<i>identification of, and means of communication with, person(s) and organizations associated with the dataset</i>	
6	Organization Name	<i>name of the responsible organization</i>	Free text
7	Role	<i>function performed by the responsible party</i>	CI_RoleCode <<CodeList>> (B.5.2)
8	Date Stamp	<i>date that the metadata was created</i>	YYYYMMDD
9	Metadata Standard Name	<i>name of the metadata standard (including profile name) used</i>	Free text
10	Metadata Standard Version	<i>Version (profile) of the metadata standard used</i>	Free text
	<b>MD_ReferenceSystem</b>	<i>information about the reference system</i>	
11	Reference System	<i>name of reference system</i>	
12	Projection	<i>identity of the projection used</i>	
13	Ellipsoid	<i>identity of the ellipsoid used</i>	
14	Datum	<i>identity of the datum used</i>	

No.	Name	Definition	Domain
	<b>MD_EllipsoidParameters</b>	<i>set of parameters that describe the ellipsoid</i>	
15	Semi Major Axis (a)	<i>radius of the equatorial axis of the ellipsoid</i>	> 0,0
16	Axis Units	<i>units of the semi-major axis</i>	UomLength (B.4.3)
17	Denominator Of Flattening Ratio (f)	<i>ratio of the difference between the equatorial and polar radii of the ellipsoid to the equatorial radius when the numerator is set to 1</i>	> 0,0
	<b>MD_DataIdentification</b>	<i>information required to identify a dataset</i>	
	<b>CI_Citation</b>	<i>standardized resource reference</i>	
18	Title *	<i>name by which the cited resource is known</i>	Free Text
	<b>CI_Date</b>	<i>reference date and event used to describe it</i>	
19	Date	<i>reference date for the cited resource</i>	YYYYMMDD
20	Date Type	<i>event used for reference date</i>	CI_DateTypeCode <<CodeList>> (B.5.1)
	<b>CI_Series</b>	<i>information about the series, or aggregate dataset, to which a dataset belongs</i>	
21	Series Name	<i>name of the series, or aggregate dataset, of which the dataset is a part</i>	Free Text
22	Abstract *	<i>brief narrative summary of the content of the resource(s)</i>	Free Text
23	Purpose	<i>summary of the intentions with which the resource(s) was developed</i>	Free Text
24	Credit	<i>recognition of those who contributed to the resource(s)</i>	Free Text
25	Status	<i>status of the resource(s)</i>	MD_ProgressCode <<CodeList>> (B.5.6)
	<b>CI_ResponsibleParty</b>	<i>identification of, and means of communication with, person(s) and organizations associated with the dataset</i>	
26	Organization Name *	<i>name of the responsible organization</i>	Free Text
27	Position Name *	<i>role or position of the responsible person</i>	Free Text
	<b>CI_Telephone</b>	<i>telephone numbers for contacting the responsible individual or organization</i>	
28	Voice *	<i>telephone number by which individuals can speak to the responsible organization or individual</i>	Free Text
29	Facsimile *	<i>telephone number of a facsimile machine for the responsible organization or individual</i>	Free Text

No.	Name	Definition	Domain
	<b>CI_Address</b>	<i>location of the responsible individual or organization</i>	
30	Delivery Point *	<i>address line for the location</i>	Free Text
31	City *	<i>city of the location</i>	Free Text
32	Administrative Area *	<i>state, province of the location</i>	Free Text
33	Postal Code *	<i>ZIP or other postal code</i>	Free Text
34	Country *	<i>country of the physical address</i>	ISO 3166-3, other parts may be used
35	Electronic Mail Address *	<i>address of the electronic mailbox of the responsible organization or individual</i>	Free Text
	<b>CI_OnlineResource</b>	<i>information about on-line sources from which the dataset, specification, or community profile name and extended metadata elements can be obtained</i>	
36	Linkage *	<i>location (address) for on-line access using a Uniform Resource Locator address or similar addressing scheme such as <a href="http://www.mygeoportal.gov.my">http://www.mygeoportal.gov.my</a></i>	URL
37	Hours of Service	<i>time period (including time zone) when individuals can contact the organization or individual</i>	Free Text
38	Role	<i>function performed by the responsible party</i>	CI_RoleCode <<CodeList>> (B.5.2)
	<b>MD_MaintenanceInformation</b>	<i>information about the scope and frequency of updating</i>	
39	Maintenance and Update Frequency	<i>frequency with which changes and additions are made to the resource after the initial resource is completed</i>	MD_Maintenance FrequencyCode <<CodeList>> (B.5.4)
	<b>MD_BrowseGraphic</b>	<i>graphic that provides an illustration of the dataset (should include a legend for the graphic)</i>	
40	File Name	<i>name of the file that contains a graphic that provides an illustration of the dataset</i>	Free Text
41	File Type	<i>format in which the illustration is encoded Examples: GIF, JPEG</i>	Free Text
42	URL	<i>URL address of a graphic file that provides an illustration of the content. <b>Notice:</b> The graphic must be Web-compatible (i.e. either a <b>.GIF</b> or <b>.JPG</b> file) and should be <b>200</b> pixels wide and <b>133</b> pixels high. Example : <a href="http://www.mygeoportal.gov.my/image/landuse.jpg">http://www.mygeoportal.gov.my/image/landuse.jpg</a></i>	Free Text

No.	Name	Definition	Domain
	<b>MD_Format</b>	<i>description of the computer language construct that specifies the representation of data objects in a record, file, message, storage device or transmission channel</i>	
43	Format Name	<i>name of the data transfer format(s)</i>	Free Text
44	Format Version	<i>version of the format (date, number, etc.)</i>	Free Text
	<b>MD_Keywords</b>	<i>keywords, their type and reference source</i>	
45	Keyword	<i>commonly used word(s) or formalized word(s) or phrase(s) used to describe the subject</i>	Free Text
	<b>MD_Usage</b>	<i>brief description of ways in which the resource(s) is/are currently or has been used</i>	
46	Specific Usage	<i>brief description of the resource and/or resource series usage</i>	Free Text
47	User Determined Limitations	<i>applications, determined by the user for which the resource and/or resource series is not suitable</i>	Free Text
	<b>CI_ ResponsibleParty</b>	<i>identification of, and means of communication with, person(s) and organizations associated with the dataset</i>	
48	Organization Name	<i>name of the responsible organization</i>	Free Text
49	Role	<i>function performed by the responsible party</i>	CI_RoleCode <<CodeList>> (B.5.2)
	<b>MD_Constraints</b>	<i>restrictions on the access and use of a resource or metadata</i>	
50	Use Limitation	<i>limitation affecting the fitness for use of the resource or metadata. Example, —not to be used for navigation“</i>	Free Text
	<b>MD_LegalConstraints</b>	<i>restrictions and legal prerequisites for accessing and using the resource or metadata</i>	
51	Access Constraints	<i>access constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on obtaining the resource or metadata</i>	MD_RestrictionCode <<CodeList>> (B.5.7)
52	Use Constraints	<i>constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations or warnings on using the resource or metadata</i>	MD_RestrictionCode <<CodeList>> (B.5.7)

No.	Name	Definition	Domain
53	Spatial Representation Type	<i>method used to spatially represent geographic information</i>	MD_Spatial RepresentationType Code <<CodeList>> (B.5.9)
	<b>MD_RepresentativeFraction</b>	<i>derived from ISO 19103 Scale where MD_Representative Fraction.denominator = 1 / Scale. measure And Scale.targetUnits = Scale.sourceUnits</i>	
54	Denominator	<i>the number below the line in a vulgar fraction</i>	Integer > 0
55	Distance	<i>ground sample distance</i>	Distance
56	Language	<i>Language(s) used within the dataset</i>	
57	Character Set	<i>full name of the character coding standard used for the dataset</i>	MD_CharacterSetCode <<CodeList>> (B.5.3)
58	Topic Category *	<i>main theme(s) of the dataset</i>	MS1759 Data Category Code <<CodeList>> (B.5.10)
59	Content Developer Type *	<i>Level of data provider : federal, state or local authority</i>	
60	Rating *	<i>Specify a rating or metadata certification level in the rating drop-down menu. The rating levels are: Unknown Primary -live map services &amp; downloadable data Secondary - downloadable data Tertiary - other data</i>	
	<b>EX_GeographicBoundingBox</b>	<i>geographic position of the dataset NOTE This is only an approximate reference so specifying the coordinate reference system is unnecessary</i>	
61	East Bound Longitude *	<i>eastern-most coordinate of the limit of the dataset extent, expressed in longitude in decimal degrees (positive east)</i>	Angle (B.4.3) -180,0 <= East Bounding Longitude Value <= 180,0
62	West Bound Longitude *	<i>western-most coordinate of the limit of the dataset extent, expressed in longitude in decimal degrees (positive east)</i>	Angle (B.4.3) -180,0 <= West Bounding Longitude Value <= 180,0
63	South Bound Latitude *	<i>southern-most coordinate of the limit of the dataset extent, expressed in latitude in decimal degrees (positive north)</i>	Angle (B.4.3) -90,0 <= South Bounding Latitude Value <= 90,0; South Bounding Latitude Value <= North bounding Latitude Value
64	North Bound Latitude *	<i>northern-most, coordinate of the limit of the dataset extent expressed in latitude in decimal degrees (positive north)</i>	Angle (B.4.3) -90,0 <= North Bounding Latitude Value <= 90,0; North Bounding Latitude Value >= South Bounding Latitude Value

No.	Name	Definition	Domain
65	Supplemental Information	<i>Other descriptive information about the data set. A relevant technical information about the data set, including delivery format, coordinate system, source material, or accuracy.</i>	Free Text
	<b>MD_FeatureCatalogue Description</b>	<i>information identifying the feature catalogue or the conceptual schema</i>	
66	Compliance Code	<i>indication of whether or not the cited feature catalogue complies with MS 1759 (which complies with ISO 19110)</i>	
67	Language	<i>language(s) used within the catalogue</i>	ISO 639-2, other parts can be Used
68	Title	<i>name by which the cited resource is known</i>	Free Text
69	Date	<i>reference date for the cited resource</i>	YYYYMMDD
70	Edition	<i>version of the cited resource</i>	Free Text
71	Edition Date	<i>date of the edition</i>	YYYYMMDD
	<b>MD_Distribution</b>	<i>information about the distributor of and options for obtaining the resource</i>	
	<b>MD_Format</b>	<i>description of the computer language construct that specifies the representation of data objects in a record, file, message, storage device or transmission channel</i>	
72	Name	<i>name of the data transfer format(s)</i>	Free Text
73	Version	<i>version of the format (date, number, etc.)</i>	Free Text
	<b>Md_Distributor</b>	<i>information about the distributor</i>	
	<b>CI_ResponsibleParty</b>	<i>identification of, and means of communication with, person(s) and organizations associated with the dataset</i>	
74	Organisation Name	<i>Name of the responsible organization</i>	Free text
75	Role	<i>function performed by the responsible party</i>	CI_RoleCode <<CodeList>> (B.5.2)
	<b>MD_StandardorderProcess</b>	<i>common ways in which the resource may be obtained or received, and related instructions and fee information</i>	
76	Planned Available Date Time	<i>date and time when the resource will be available</i>	
77	Ordering Instructions	<i>general instructions, terms and services provided by the distributor</i>	Free Text

No.	Name	Definition	Domain
	<b>MD_DigitalTransferOptions</b>	<i>technical means and media by which a resource is obtained from the distributor</i>	
78	Units of Distribution	<i>tiles, layers, geographic areas, etc., in which data is available</i>	Free Text
	<b>MD_Medium</b>	<i>information about the media on which the resource can be distributed</i>	
79	Name	<i>name of the medium on which the resource can be received</i>	MD_MediumName Code <<CodeList>> (B.5.5)
	<b>DQ_DataQuality</b>	<i>quality information for the data specified by a data quality scope</i>	
	<b>DQ_Scope</b>	<i>extent of characteristic(s) of the data for which quality information is reported</i>	
80	Level	<i>hierarchical level of the data specified by the scope</i>	MD_ScopeCode <<CodeList>> (B.5.8)
	<b>LI_Lineage</b>	<i>information about the events or source data used in constructing the data specified by the scope or lack of knowledge about lineage</i>	
81	Statement	<i>general explanation of the data producer's knowledge about the lineage of a dataset</i>	Free Text
	<b>LI_Source</b>	<i>information about the source data used in creating the data specified by the scope</i>	
82	Description	<i>detailed description of the level of the source data - Scale denominator - Spatial reference system - Source citation - Source extent</i>	Free Text
	<b>DQ_Completeness</b>	<i>presence and absence of features, their attributes and their relationships</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
83	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
84	Date	<i>reference date for the cited resource</i>	
85	Explanation	<i>explanation of the meaning of conformance for this result. Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
86	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass

No.	Name	Definition	Domain
	<b>DQ_Logicalconsistency</b>	<i>degree of adherence to logical rules of data structure, attribution and relationships (data structure can be conceptual, logical or physical)</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
87	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
88	Date	<i>reference date for the cited resource</i>	
89	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
90	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_TopologicalConsistency</b>	<i>correctness of the explicitly encoded topological characteristics of the dataset as described by the scope</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
91	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
92	Date	<i>reference date for the cited resource</i>	
93	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
94	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_PositionalAccuracy</b>	<i>correctness of the explicitly encoded topological characteristics of the dataset as described by the scope</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
95	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
96	Date	<i>reference date for the cited resource</i>	
97	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
98	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass

No.	Name	Definition	Domain
	<b>DQ_AbsoluteExternalPositionalAccuracy</b>	<i>closeness of reported coordinate values to values accepted as or being true</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
99	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
100	Date	<i>reference date for the cited resource</i>	
101	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
102	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_GridDEDataPositionalAccuracy</b>	<i>closeness of gridded data position values to values accepted as or being true</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
103	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
104	Date	<i>reference date for the cited resource</i>	
105	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
106	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_RelativeInternalPositionalAccuracy</b>	<i>closeness of the relative positions of features in the scope to their respective relative positions accepted as or being true</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
107	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
108	Date	<i>reference date for the cited resource</i>	
109	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
110	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass

No.	Name	Definition	Domain
	<b>DQ_TemporalAccuracy</b>	<i>accuracy of the temporal attributes and temporal relationships of features</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
111	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
112	Date	<i>reference date for the cited resource</i>	
113	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
114	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_TemporalValidity</b>	<i>validity of data specified by the scope with respect to time</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
115	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
116	Date	<i>reference date for the cited resource</i>	
117	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
118	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_ThematicAccuracy</b>	<i>accuracy of quantitative attributes and the correctness of non quantitative attributes and of the classifications of features and their relationships - comparison of the classes assigned to features or their attributes to a universe of discourse</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
119	Title	<i>name by which the cited resource is known</i>	Free Text
120	Date	<i>reference date for the cited resource</i>	YYYYMMDD
121	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
122	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass

No.	Name	Definition	Domain
	<b>DQ_NonQuantitativeAttribute Accuracy</b>	<i>accuracy of non-quantitative attributes</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
123	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
124	Date	<i>reference date for the cited resource</i>	
125	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
126	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>DQ_QuantitativeAttribute Accuracy</b>	<i>accuracy of quantitative attributes</i>	
	<b>DQ_ConformanceResult</b>	<i>Information about the outcome of evaluating the obtained value (or set of values) against a specified acceptable conformance quality level</i>	
127	Title	<i>name by which the cited resource is known. (citation of product specification or user requirement against which data is being evaluated)</i>	Free Text
128	Date	<i>reference date for the cited resource</i>	
129	Explanation	<i>explanation of the meaning of conformance for this result Quantitative result (Value and value unit) e.g. 99% accurate</i>	Free Text
130	Pass	<i>indication of the conformance result where 0 = fail and 1 = pass</i>	0 = fail and 1 = pass
	<b>Metadata Maintenance</b>	<i>provides information about the frequency of metadata updates, and the scope of those updates</i>	
131	Maintenance And Update Frequency	<i>frequency with which changes and additions are made to the resource after the initial resource is completed</i>	MD_Maintenance FrequencyCode <<CodeList>> (B.5.4)
	<b>Additional Information</b>	<i>additional information to be used by MyGDI Application</i>	
132	Data Type	<i>UNRESTRICTED or RESTRICTED</i>	
133	Product *	<i>select product related to metadata being update</i>	

No.	Name	Definition	Domain
134	Download Link	<i>The URL path for the user to downloaded data after bought using MyGDI e-Commerce. Note: Data should be zipped for easier downloading (e.g. <a href="http://www.mygeoportal.gov.my/data/landuse.zip">http://www.mygeoportal.gov.my/data/landuse.zip</a>).</i>	Free Text
135	Map Server (URL)	<i>The URL path for the map server that is hosting your map service (e.g. <a href="http://www.mygeoportal.gov.my">http://www.mygeoportal.gov.my</a>). This field is needed only for map services and should otherwise be left blank.</i>	Free Text
136	Map Service	<i>The name of the map service that you are publishing. You must provide the name exactly as it was published with your Internet Map Server software. This field is needed only for map services and should otherwise be left blank.</i>	Free Text
137	Demo Map Server (URL)	<i>The URL path for the map server that is hosting your demo map service for a guest users (e.g. <a href="http://www.mygeoportal.gov.my">http://www.mygeoportal.gov.my</a>). This field is needed only for map services and should otherwise be left blank.</i>	Free Text
138	Demo Map Service	<i>The name of the demo map service that you are publishing for a guest users. You must provide the name exactly as it was published with your Internet Map Server software. This field is needed only for map services and should otherwise be left blank.</i>	Free Text