

Land Information Ontario Data Description

Wilderness Area

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LIO Class Catalogue

Wilderness Area

Class Short Name: WILDAREA

Version Number: 3

Class Description:

An area regulated under the Wilderness Area Act. They can be embedded in other protected areas and have values such as historical or natural heritage but they have no formal class system or management planning.

Abstract Class Name: SPMNTPOLY

Abstract Class

Description:

Spatial Multi-Non-Tessellating-Polygon: An object is represented by ONE or MORE polygons. Polygons may NOT overlap. HOLES within and GAPS between polygons ARE allowed. Example: the St. Lawrence Islands National Park, where the Park itself is made up of many islands.

Tables in LIO Class:

Wilderness Area

WILDERNESS_AREA_FT

An area regulated under the Wilderness Area Act. They can be embedded in other protected areas and have values such as historical or natural heritage but they have no formal class system or management planning. Implementation Note: the Stand Alone Indicator eliminates the need to do a spatial overlay every time Ontario Parks needs to do standard queries regarding the amount of protected area in the province (only those Wilderness Areas outside of parks are included).

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
System generated identifier, unique at the application level.				
PROTECTED_SITE_IDENT	VARCHAR2 (12)	Yes	SITE_IDENT	
The identifier sanctioned and used by Ontario Parks to uniquely identify land under some form of protection. This identifier is used in the @PAR system, where it is called Site ID.				
PROTECTED_AREA_NAME_ENG	VARCHAR2 (100)	Yes	NAME_ENG	
The official name of a protected area.				
PROTECTED_AREA_NAME_FR	VARCHAR2 (100)	No	NAME_FR	
Name of the protected area. French language.				
TYPE_ENG	VARCHAR2 (100)	No	TYPE_ENG	Conservation Reserve, Forest Reserve, Proposed Protected Area, Provincial Park, Recommended Conservation Reserve, Recommended Protected Area, ... (See PROTECTED_AREA_TYPE_LIST table)
The kind of area that has been given (or is proposed to be given) some level of protection from development and human activity, either through regulation or through the charter of a private land owner such as a conservation authority or NGO. CARTS Description: The type of protected area that is assigned by the source agency. Examples include ecological reserve, national park, private land holding, provincial park, prairie farm rehabilitation area and migratory bird sanctuary. These will often be included in the Protected Area Name field as well. Each jurisdiction will have its own types in the permissible values. The types may include sites with interim protection but will NOT include proposed protected areas.				
TYPE_FR	VARCHAR2 (100)	No	TYPE_FR	
The kind of area that has been given (or is proposed to be given) some level of protection from development and human activity, either through regulation or through the charter of a private land owner such as a conservation authority or NGO. CARTS Description: The type of protected area that is assigned by the source agency. Examples include ecological reserve, national park, private land holding, provincial park, prairie farm rehabilitation area and migratory bird sanctuary. These will often be included in the NAME field as well. Each jurisdiction will have its own types in the permissible values. The types may include sites with interim protection but will NOT include proposed protected areas.				

STATUS_ENG	VARCHAR2 Yes (75)	STATUS_ENG	Forest Reserve, Proposed Conservation Reserve, Proposed Protected Area, Proposed Provincial Park, Recommended Protected Area, Regulated Addition, ... (See PROTECTED_AREA_STATUS_LIST table)
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An indication of the status as it pertains to the regulation process. An area can have interim protection, meaning it has been withdrawn from mining or forestry, but not yet regulated. CARTS Description: The state of the protected area in terms of its movement towards protection, including interim protection (where provisions of protected area Acts apply), fully protected and gazetted (regulated) sites.

STATUS_FR	VARCHAR2 No (75)	STATUS_FR	
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An indication of the status as it pertains to the regulation process. An area can have interim protection, meaning it has been withdrawn from mining or forestry, but not yet regulated. CARTS Description: The state of the protected area in terms of its movement towards protection, including interim protection (where provisions of protected area Acts apply), fully protected and gazetted (regulated) sites. Describe in french language.

COMMON_SHORT_NAME	VARCHAR2 Yes (100)	SHORT_NAME	
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The commonly-used shorter form of an official name.

IUCN_CATEGORY	VARCHAR2 No (3)	IUCN_CAT	Ia,Ib,II,III,IV,V,VI
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A classification of a protected area by The World Conservation Union (IUCN). The IUCN system discourages the narrow view that protected areas are single-purpose areas, and instead, promotes a broader concept of varying degrees of conservation and development. In addition to strict conservation, scientific research, and wildlife habitat protection, many protected areas have great value in watershed and soil protection, carbon sequestration, recreational benefits, defining indigenous territory, and the maintenance of cultural and spiritual values. Ia: Strict Nature Reserve Ib: Wilderness Area II: National Park III: Natural Monument IV: Habitat/Species Management Areas V: Protected Landscape/Seascape VI: Managed Resource Protected Area

REGULATION_DATE	DATE Yes	REG_DATE	
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Date that a geographic unit came under regulation.

REGULATION_NUMBER	VARCHAR2 Yes (16)	REG_NUM	
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Official identifying number of the regulation that establishes and defines the protected area.

REGULATED_AREA	NUMBER Yes (10,2)	REG_AREA	
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The final regulated size as published in the government gazetteer or other official documentation measured in hectares (ha). Through the regulation process of survey, digital plan and consultation the size may change and become further refined.

STAND_ALONE_IND	VARCHAR2 Yes (3)	STANDALONE	Yes,No
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Indicates whether the wilderness area exists within a park or on its own.

NSUID	NUMBER No (4,0)	NSUID	
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A unique identifier for the purpose of national roll-up of protected areas in Canada. CARTS Description: A national identifier that is unique across all protected area agencies. Jurisdictions may wish to adopt this same numbering scheme for internal purposes. The proposed numbering system allows each jurisdiction to add protected areas under their administration without the risk of duplication by another jurisdiction.

PARENTID	NUMBER (4,0)	No	PARENTID
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Unique identifier assigned to track relationships between parent protected areas and associated children (additions). CARTS Description: A field to identify the parent-child relationships to address spatial additions, changes, etc. This field will allow for geographic features to be related to other features. For example, an addition to a protected area would have a value in the Parent_ID field equal to the National Schema Unique ID of its "parent" protected area.

OWNER_ENG	VARCHAR2 (100)	Yes	OWNER_ENG
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OWNER_FR	VARCHAR2 (100)	Yes	OWNER_FR
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MANAGEMENT_ENG	VARCHAR2 (250)	Yes	MGMT_ENG
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MANAGEMENT_FR	VARCHAR2 (250)	Yes	MGMT_FR
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LOCATION_ENG	VARCHAR2 (30)	Yes	LOC_ENG
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The provincial location of the protected area. Used for the national rollup of protected areas in Canada. CARTS Description: This field allows for the rapid sorting and locating of protected areas. Note: Any marine protected area with a terrestrial component should be listed under the location of the jurisdiction. Marine protected areas that are entirely offshore (including those in the Great Lakes where applicable), should be located under one of the Offshore Atlantic Marine, Offshore Arctic Marine, Offshore Pacific Marine, or Offshore Great Lakes Marine. Use English language only.

LOCATION_FR	VARCHAR2 (30)	Yes	LOC_FR
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The provincial location of the protected area. Used for the national rollup of protected areas in Canada. CARTS Description: This field allows for the rapid sorting and locating of protected areas. Note: Any marine protected area with a terrestrial component should be listed under the location of the jurisdiction. Marine protected areas that are entirely offshore (including those in the Great Lakes where applicable), should be located under one of the Offshore Atlantic Marine, Offshore Arctic Marine, Offshore Pacific Marine, or Offshore Great Lakes Marine. Use French language only.

LEGISLATION	VARCHAR2 (250)	Yes	LEGISLAT
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The legislation used to regulate a protected area. CARTS Description: A description of the current legislation under which a given protected area falls.

PROTDATE	NUMBER (8,0)	No	PROTDATE
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Original protection date, to be differentiated with the last date of regulation. CARTS Description: The date when the protected area was first legally protected. Over the years the total area or legislation may have changed. Those changes may be captured in future modules of CARTS.

URL	VARCHAR2 (250)	No	URL
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A URL address to additional information.

M_AREA	NUMBER (5,2)	No	M_AREA
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Area of protection as designated "Marine". Small freshwater lakes do not qualify as marine area - should contain either salt water area protected or the majority of area be located in the great lakes. CARTS Description: The official, or best available, area of the protected marine (ocean) water in hectares. This is a temporary field to allow jurisdictions to report in the short term on marine area without having to split apart the marine portion of the main terrestrial protected areas (i.e. not splitting apart the polygons into their separate terrestrial and marine components). This field will be removed from the CARTS schema in phase 2 once marine polygons have been properly split. The data will not be lost, however, as the area listed here will be moved into the official area above under the new marine portion record.

LOCATION_ACCURACY	VARCHAR2 (25)	Yes	ACCURACY	Not Applicable, Over 10,000 metres, Within 1 metre, Within 10 metres, Within 10,000 metres, Within 100 metres, ... (See LOCATION_ACCURACY_LIST table)
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The degree of conformity or closeness of a measurement within the database to its true value in the world.

GENERAL_COMMENTS	VARCHAR2 (2000)	No	GNL_CMT	
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General comments.

GEOMETRY_UPDATE_DATETIME	DATE	No	GEO_UPD_DT	
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Date/time the geometry was created or last modified in the source database.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
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Date/time the record was created or last modified in the source database.

OVERLAY_IND	VARCHAR2 (3)	Yes	OVERLAY	Yes, No
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Indicates whether a land use area is subject to an overlay. If the value is "Yes" then the land use area is subject to an overlay(s). Overlays modify the policies of the underlying primary land use areas. The overlay policy takes priority to the primary policy. Overlay area boundaries generally do not match the primary land use area boundaries and may overlap more than one primary land use area. The policy report for the overlay area is accessed through the underlying primary land use area's policy report.

CLASS_DATABASE_REFERENCE

A link to an external database or an internal object in the same database.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
INTERNAL_EXTERNAL_FLG	VARCHAR2 (10)	Yes	INT_EXT	Internal, External
A flag indicating if the database being referenced is internal (NRVIS/LIO) or external.				
DATABASE_REFERENCE_IDENT	VARCHAR2 (50)	Yes	IDENT	
Identifier of a reference that is linked e.g. Land Use Permit Number, LIS Number, the FMF Object ID of a Concrete Class.				
CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	
Static short name that will be used by for the concrete class.				

DATABASE_REFERENCE_DETAIL	VARCHAR2 (2000)	No	DETAIL
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Details on the rationale, use, dependency, or comments on the database reference. If a dependence on other data class geometry exists, this can be identified in this field.

RELATED_CLASS_SHORT_NAME	VARCHAR2 (8)	No	CLASS_NAME
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The static short name that is used by the related concrete class.

EXT_REF_TYPE_CODE	VARCHAR2 (8)	No	EXT_TYPE
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The type of external database that the identifier pertains to e.g. LUPS, LIS, etc.

TYPE_OTHER_DESCR	VARCHAR2 (60)	No	OTH_DESCR
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A full description of the type when set to "other".

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

CLASS JUSTIFICATION

The justification for the addition of or changes to a geographic feature.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
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A unique numeric provincial identifier assigned to each object.

JUSTIFICATION_REASON	VARCHAR2 (2000)	Yes	REASON	
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Reason for justification of the existence of a geographic feature.

CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	
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System-generated column denoting the data class which this record is part of.

JUSTIFICATION_DATE	DATE	Yes	JUSTIF_DT	
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Date that the geographic feature was justified.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
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Date/time the record was created or last modified in the source database.

CLASS OTHER INFORMATION

This table allows the NRVIS/LIO users to enter local-needs type of information, currently not captured in the NRVIS or LIO database. The table content will be analysed periodically to determine if the field(s) should be incorporated into the regular data class structure.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
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A unique numeric provincial identifier assigned to each object.

FIELD_NAME	VARCHAR2 (30)	Yes	FIELD_NAME	
The attribute name for the information.				
CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	
System-generated column denoting the concrete class which this record is part of.				
FIELD_TYPE	VARCHAR2 (8)	Yes	FIELD_TYPE	String, Integer, Double
The type of field.				
FIELD_VALUE_STRING	VARCHAR2 (50)	No	VALUE_S	
A field used to store character strings.				
FIELD_VALUE_INTEGER	NUMBER (5,0)	No	VALUE_I	
A field used to store integer values (small numbers).				
FIELD_VALUE_DOUBLE	NUMBER (10,3)	No	VALUE_D	
A field used to store decimal data with up to two decimals.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				

CLASS PARTY_ROLE

A link to an external contact database.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
PARTY_IDENT	VARCHAR2 (25)	Yes	PARTY_ID	
An identifier for a party (group or individual). It should reference an identifier in an external database which would contain further information. The identifier should not contain personal information (i.e. Social Insurance Number, Outdoors Card Number, phone number, name etc.).				
PARTY_DATABASE	VARCHAR2 (100)	Yes	PARTY_DB	
The database that contains the party information.				
ROLE_TYPE	VARCHAR2 (50)	Yes	ROLE_TYPE	Affiliated With, Approver, Authority Holder, Claim Holder, Contact, Contractor, ... (See ROLE_TYPE_LIST table)
The role that an organization or an individual plays.				
CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	

System-generated column denoting the concrete class which this record is part of.

ROLE_DETAIL	VARCHAR2 (200)	No	DETAIL
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Additional details about the role.

START_DATE	DATE	No	START_DATE
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The date when a Party starts to play a Role.

END_DATE	DATE	No	END_DATE
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The date when a Party ceases to play a Role.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

CLASS_SOURCE

Intersection table between the data class and Source List table.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
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A unique numeric provincial identifier assigned to each object.

SOURCE_NAME	VARCHAR2 (100)	Yes	SOURCE_NAM	AFFM Provincial Administrative Maps, Aerial Photography, Aerial Survey, Book/Publication, CIR Photograby, City of Ottawa Borehole Database, ... (See SOURCE_LIST table)
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The name of the source.

SOURCE_DETAIL	VARCHAR2 (254)	Yes	SOURCE_DET	
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What part of the source pertains to the feature. Examples: Summary data from a data base, pages in a book or atlas, figure number and page from a publication, a section of a map, record in a database.

CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	
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Unique abbreviation of the concrete class name (primary key)

SOURCE_DESCR	VARCHAR2 (2000)	No	SOURCE_DES	
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Text providing details about the source.

METHOD_DESCR	VARCHAR2 (2000)	No	METHOD	
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The type of method, tools, and techniques used in observing/collecting/recording the Source. It may also include a URL where users could get further information on the method used.

SOURCE_APPLICABILITY	VARCHAR2 (20)	No	APPLICABIL	
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How the source contributes to the feature's definition.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

CLASS_SUPPORTING_MATERIAL

Material (document/file/picture) that provides more information on a geographic feature.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID
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A unique numeric provincial identifier assigned to each object.

MATERIAL_NAME	VARCHAR2 (200)	Yes	NAME
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A name or brief description of the material.

MATERIAL_LOCATION	VARCHAR2 (200)	Yes	LOCATION
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The location where the supporting material is stored. This may be a physical location or a link to a storage location.

CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME
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System-generated column denoting the concrete class which this record is part of.

URL_ENG	VARCHAR2 (500)	No	URL_ENG
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The address of a computer or a document in English on the Internet that consists of a communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file -- called also universal resource locator.

URL_FRE	VARCHAR2 (500)	No	URL_FRE
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The address of a computer or a document in French on the Internet that consists of a communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file -- called also universal resource locator.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXTERNAL_REF_TYPE_LIST

List of valid EXTERNAL_REFERENCE_TYPE codes.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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EXT_REF_TYPE_CODE	VARCHAR2 (8)	Yes	EXT_REF_TY
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The type of external database that the identifier pertains to e.g. LUPS, LIS, Other.

EXT_REF_TYPE_DESCR	VARCHAR2 (60)	Yes	EXT_REF_TY
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Description of the type of external reference.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXPIRY_DATETIME	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

LOCATION_ACCURACY_LIST

List of valid LOCATION_ACCURACYs.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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LOCATION_ACCURACY	VARCHAR2 (25)	Yes	ACCURACY
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The accuracy of the location of the feature at an OBM scale. The degree of conformity or closeness of a measurement to the true value.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXPIRY_DATETIME	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

PROTECTED_AREA_STATUS_LIST

Lookup table to describe the status of the protected area in terms of the regulation process or degree of protection.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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STATUS_ENG	VARCHAR2 (75)	Yes	STATUS_ENG
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An indication of the status as it pertains to the regulation process. An area can have interim protection, meaning it has been withdrawn from mining or forestry, but not yet regulated. CARTS Description: The state of the protected area in terms of its movement towards protection, including interim protection (where provisions of protected area Acts apply), fully protected and gazetted (regulated) sites.

STATUS_FR	VARCHAR2 (75)	Yes	STATUS_FR
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An indication of the status as it pertains to the regulation process. An area can have interim protection, meaning it has been withdrawn from mining or forestry, but not yet regulated. CARTS Description: The state of the protected area in terms of its movement towards protection, including interim protection (where provisions of protected area Acts apply), fully protected and gazetted (regulated) sites. Describe in french language.

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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Date/time the record was created or last modified in the source database.

EXPIRY_DATETIME	DATE	No	EXP_DATE
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Date/time that the record was expired from use.

PROTECTED_AREA_TYPE_LIST

Lookup table to describe protected area types.

Column Name	Column Type	Mandatory	Short Name	Valid Values
TYPE_ENG	VARCHAR2 (100)	Yes	TYPE_ENG	
The kind of area that has been given (or is proposed to be given) some level of protection from development and human activity, either through regulation or through the charter of a private land owner such as a conservation authority or NGO. CARTS Description: The type of protected area that is assigned by the source agency. Examples include ecological reserve, national park, private land holding, provincial park, prairie farm rehabilitation area and migratory bird sanctuary. These will often be included in the Protected Area Name field as well. Each jurisdiction will have its own types in the permissible values. The types may include sites with interim protection but will NOT include proposed protected areas.				
TYPE_FR	VARCHAR2 (100)	Yes	TYPE_FR	
The kind of area that has been given (or is proposed to be given) some level of protection from development and human activity, either through regulation or through the charter of a private land owner such as a conservation authority or NGO. CARTS Description: The type of protected area that is assigned by the source agency. Examples include ecological reserve, national park, private land holding, provincial park, prairie farm rehabilitation area and migratory bird sanctuary. These will often be included in the NAME field as well. Each jurisdiction will have its own types in the permissible values. The types may include sites with interim protection but will NOT include proposed protected areas.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
EXPIRY_DATETIME	DATE	No	EXP_DATE	
Date/time that the record was expired from use.				

ROLE_TYPE_LIST

List of valid party role types.

Column Name	Column Type	Mandatory	Short Name	Valid Values
ROLE_TYPE	VARCHAR2 (50)	Yes	ROLE_TYPE	
The role that an organization or an individual plays.				
ROLE_TYPE_DESCR	VARCHAR2 (2000)	Yes	DESCR	
Description of Role Type.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
EXPIRY_DATETIME	DATE	No	EXP_DATE	
Date/time that the record was expired from use.				

SOURCE_LIST

A description of the source information that is the basis for creating or changing information about a geographic feature. In may be an observation, possibly resulting from a field survey or an adhoc report or a reference to a published or unpublished document.

Column Name	Column	Mandatory	Short Name	Valid Values
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Type			
SOURCE_NAME	VARCHAR2 (100)	Yes	NAME
The name of the source.			
SOURCE_DATE	VARCHAR2 (50)	No	SRC_DATE
The date of the source.			
SOURCE_ORIGINATOR	VARCHAR2 (75)	No	ORIGINATOR
The originator or author of the source. Includes the author(s) of a book; the originator(s) of a survey or project, etc.Examples: Smith, J. Smith, J. and Jones, K. Smith, J., Jones, K. and White, T. Anon. (where no author identified) OMNR (where authorship is corporate) Northwest District (lead and delivered the data collection project)			
SOURCE_SCALE	VARCHAR2 (15)	No	SCALE
The scale of the vector base or aerial photography, the cell resolution of a grid, or the pixel resolution of an image used to record the location of the feature. Examples: For a vector source or aerial photography: 1:10,000 1:20,000 1:250,000. For a grid or imagery source: 1 km, 10 m, 15 seconds.			
HORIZONTAL_DATUM	VARCHAR2 (10)	No	H_DATUM
Identifies the reference system used for defining the coordinates of points. There are three common horizontal datum systems used in Ontario: NAD83, NAD27, NAD27 with 1974 adjustment. The datum models the shape of the earth.			
VERTICAL_DATUM	VARCHAR2 (30)	No	V_DATUM
The zero surface to which elevations or heights are referred is called a vertical datum. Traditionally, surveyors and mapmakers have tried to simplify the task by using the average (or mean) sea level as the definition of zero elevation, because the sea surface is available worldwide. MSL is a close approximation to another surface, defined by gravity, called the geoid, which is the true zero surface for measuring elevations. Example: WGS-84 EGM96 Geoid.			
SOURCE_PROJECTION	VARCHAR2 (40)	No	PROJECTION
The name of a systematic representation of all or part of the surface of the Earth on a plane or developable surface.			
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
Date/time the record was created or last modified in the source database.			
EXPIRY_DATETIME	DATE	No	EXP_DATE
Date/time that the record was expired from use.			

LIO Lookup Table Values:

EXTERNAL_REF_TYPE_LIST

EXT REF TYPE CODE	EXT REF TYPE DESCR	EXPIRY DATETIME
ALPS	Aggregate Licence Permit Database	
AMIS	Abandoned Mines Database	
ARFIS	Algonquin Region Forest Database	
BCD	Biological and Conservation Database	
DTDB	Digital Topographic Database	
FISHARC	Fisheries Data Archive	
FISHLIB	Fisheries Information Library	
FRI	Forest Resources Inventory Database	
IF	Internal Filing	
LIS	Land Index System	
LUP	Land Use Permit	
NADB	Natural Areas Database	
NTDB	National Topographic Database	
NWEIMS	Wetland Evaluation Information Management Database (North)	
OBM	Ontario Base Map Database	
OFIS	Ontario Fisheries Information Database	
OLI	Ontario Land Inventory	
OPDS	Ontario Petroleum Database	
OTHER	Other External Reference	
PER	Permit	
RBT	Resource Based Tourism Licence	
SFMM	Sustainable Forest Management Model	
WEIMS	Wetland Evaluation Information Management Database (South)	
^	NRVIS 2.0 Data Conversion	1999-11-05

LIO Lookup Table Values:

LOCATION_ACCURACY_LIST

LOCATION ACCURACY	EXPIRY DATETIME
Not Applicable	
Over 10,000 metres	
Within 1 metre	
Within 10 metres	
Within 10,000 metres	
Within 100 metres	
Within 1000 metres	
Within 2 metres	
Within 20 metres	
Within 200 metres	
Within 2000 metres	
Within 5 metres	
Within 50 metres	
Within 500 metres	
Within 5000 metres	
AC Accurate (to 10m)	2007-01-12
AP Approximate (to 500m)	2007-01-12
GE General (to 10,000m)	2007-01-12
MO Moderate (to 1000m)	2007-01-12
RE Reliable (to 100m)	2007-01-12
VA Very Accurate (to 2m)	2007-01-12
VG Vague (to 100,000m)	2007-01-12
^ Data Load	2007-01-12

LIO Lookup Table Values:

PROTECTED_AREA_STATUS_LIST

STATUS ENG	STATUS FR	EXPIRY DATETIME
Forest Reserve	Réserve forestière	
Proposed Conservation Reserve	Réserve de conservation proposée	
Proposed Protected Area	Zone proposée aux fins de protection	
Proposed Provincial Park	Parc provincial proposé	
Recommended Protected Area	Zone recommandée aux fins de protection	
Regulated Addition	Ajout réglementé	
Regulated Conservation Reserve	Réserve de conservation réglementé	
Regulated Provincial Park	Parc provincial réglementé	
Regulated Wilderness Area	Région sauvage réglementé	

LIO Lookup Table Values:

PROTECTED_AREA_TYPE_LIST

TYPE ENG	TYPE FR	EXPIRY DATETIME
Conservation Reserve	Réserve de conservation	
Forest Reserve	Réserve forestière	
Proposed Protected Area	Zone recommandée aux fins de protection	
Provincial Park	Parc provincial	
Recommended Conservation Reserve	Réserve de conservation recommandée	
Recommended Protected Area	Zone recommandée aux fins de protection	
Recommended Provincial Park	Parc provincial recommandé	
Regulated Addition	Ajout réglementé	
Wilderness Area	Région sauvage	

LIO Lookup Table Values:

ROLE_TYPE_LIST

ROLE TYPE	ROLE TYPE DESCR	EXPIRY DATETIME
Affiliated With	This role type indicates that the related "from" Party (Individual or Group) has a relationship with the related "to" Party that is not more explicitly covered by another role type.	
Approver	This role type indicates that the related Party (Individual or Group) is one that has approved action associated with the related item. For example, if the related item is an Authority (License, permit, etc.) this would indicate the Party that approved the issuance of the Authority; if the related item is a Recommended Action this would indicate the Party that approved the initiation of the action; etc.	
Authority Holder	This role type indicates that the related Party (Individual or Group) is the one to which the Ministry has issued the related Authority (license, permit, etc.).	
Claim Holder	This role type indicates that the related Party (Individual or Group) is the one that is the registered owner of the related Mining Claim (area).	
Contact	This role type indicates that the related "from" Party (Individual or Group) is the designated point of contact for communication with the related "to" Party.	
Contractor	N/A	
Custodian	This role type indicates that the related Party (Individual or Group) is responsible for the care of the related Geographic Unit.	
Data Provider	This role type indicates that the related Party (Individual or Group) is the provider of a data source about the related Geographic Unit.	
Employee	This role type indicates that the related "from" Party (an Individual) is employed by the related "to" Party (a Group).	
Evaluator	This role type indicates that the related Party (Individual or Group) is the one who has evaluated the related Geographic Unit.	
Group Member	This role type indicates that the related "from" Party (Individual or Group) is a member of the related "to" Party (a Group). This could include membership in a Local Citizens Committee or a designated interest group.	
Information Holding Custodian	This role type indicates that the related Party (Individual or Group) is responsible for the storage and protection of the related Information Holding.	
Interested Party	This role type indicates that the related Party (Individual or Group) has a stated interest in a related Issue; or has a stated interest in plans and activities involving the related Geographic Unit.	
Issuer	This role type indicates that the related Party (Individual or Group)	

	is one that has issued the related Authority (license, permit, etc.).	
Lease Holder	This role type indicates that the related Party (Individual or Group) has occupancy rights to the related Geographic Unit for the period and according to the terms of a lease agreement.	
Manager	This role type indicates that the related "from" Party (Individual or Group) manages or directs the activities of the related "to" Party (the "to" Party reports to or is accountable to the "from" Party); or manages the operation of the related Geographic Unit (e.g., a Tourism Establishment).	
Metadata Custodian	This role type indicates that the related Party (Individual or Group) is responsible for the storage and protection of the information ABOUT the related Information Holding. Note: There is a separate role type for the custodian of the information holding itself.	
Observer	This role type indicates that the related Party (Individual or Group) is the one who made the observations in the related Information Source.	
Operator	This role type indicates that the related Party (Individual or Group) operates the related Geographic Unit facility (e.g., Tourism Establishment, Mill).	
Owner	This role type indicates that the related Party (Individual or Group) owns the related Geographic Unit (e.g., Tourism Establishment).	
Partner	This role type indicates that the related "from" Party (Individual or Group) has a partnership arrangement with the related "to" Party.	
Steward	This role type indicates that the related "from" Party (Individual or Group) is responsible for assisting the Ministry with respect to the management of resources within the related Geographic Unit.	
Supervisor	This role type indicates that the related "from" Party (Individual or Group) supervises the activities of the related "to" Party.	
Verifier	N/A	

LIO Lookup Table Values:

SOURCE_LIST

SOURCE NAME	SOURCE DATE	SOURCE ORIGINATOR	SOURCE SCALE	HORIZONTAL DATUM	VERTICAL DATUM	SOURCE PROJECTION	EXPIRY DATETIME
AFFM Provincial Administrative Maps		Ministry of Natural Resources	600000				
Aerial Photography		Ministry of Natural Resources	15840				
Aerial Survey							
Book/Publication							
CIR Photograpy		Ministry of Natural Resources					
City of Ottawa Borehole Database	1883 - 2006	City of Ottawa	Varies		Mean Average Sea Level	Geodetic and UTM	
Digital File							
Digital Map							
Field Survey\Site Visit							
File System/Filing Cabinet Information							
Forest Resources Inventory		Ministry of Natural Resources		NAD27		UTM	
GPS Data Collection							
Hard Copy/Paper Map							
IKONOS Multispectral		Ministry of Natural Resources					
IKONOS Panchromatic		Ministry of Natural Resources					
IRS Multispectral		Ministry of Natural Resources					
IRS Panchromatic		Ministry of Natural Resources					
IRS Pansharpened		Ministry of Natural Resources					

Landsat-1,2,3 MSS		Ministry of Natural Resources					
Landsat-4,5 MSS		Ministry of Natural Resources					
Landsat-7 ETM		Ministry of Natural Resources					
Local Borehole Drilling Program Results	2006	Ministry of Northern Development and Mines			Mean Average Sea Level		
Local Knowledge							
MNDM Assesment File							
MNDM Client/Company Information							
MNR Based Observation							
MTO Engineering Reports	Varies	Ministry of Transportation	Varies		Mean Average Sea Level		
NRCan - CanVec	2008	Natural Resources Canada	50000	NAD83			
NRCan - National Hydro Network	2008	Natural Resources Canada	50000	NAD83			
NTS Map 1:250000	1970 to 2003	Department of Natural Reosurces	250000	NAD27			
NTS Map 1:50000	1970 to 2003	Department of Natural Resources	50000	NAD27			
Ontario Base Map 1:10000	1978 to 1995	Ministry of Natural Resources	10000	NAD27		UTM	
Ontario Base Map 1:20000	1978 to 1995	Ministry of Natural Resources	20000	NAD27		UTM	
Ontario Geological Survey Fieldwork Mapping	Varies to 2004	Ontario Geological Survey	1:50,000	NAD83	Mean Average Sea Level	Universal Transvers Mercator	
Ontario Parcel				NAD83			
OrthoImagery		Ministry of Natural Resources					
Public Observation							

Quaternary Geology Study	Varies	Ministry of Northern Development and Mines			Mean Average Sea Level		
Unknown	11-12-02						
Urban Geology Automated Information System (UGAIS)	1956-1972	Geological Survey of Canada	Varies	NAD27	Mean Average Sea Level	Universal Transverse Mercator	
Water Well Data Improvement Project	2006	Ministry of Natural Resources, Water Resources Information Program	Varies	NAD83	Mean Average Sea Level	Geodetic	
Water Well Information System (WWIS)	1899 - 2003	Ministry of the Environment, Environmental Monitoring and Reporting Branch	Varies	NAD27	Mean Average Sea Level	Universal Transverse Mercator	
Waterloo Area Geology Automated Information System (WAGAIS)	1900 - 1977	Geological Survey of Canada	Varies	NAD27	Mean Average Sea Level	Universal Transverse Mercator	
External Source from NRVIS 2							2007-01-12
Internal Source from NRVIS 2							2007-01-12
Material Source from NRVIS 2							2007-01-12
Ontario Base Map	1978 to 1995	Ministry of Natural Resources		NAD27		UTM	2007-01-12
Source Observation from NRVIS 2							2007-01-12
Unknown Imagery							2007-01-12