

# Land Information Ontario Data Description

## Conservation Reserve Regulated

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# LIO Class Catalogue

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## Conservation Reserve Regulated

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**Class Short Name:** CONRVREG

**Version Number:** 3

**Class Description:**

An area of public lands regulated under the Provincial Parks and Conservation Reserves Act, 2006 which protects ecosystems that are representative of all of Ontario's natural regions, protects provincially significant elements of Ontario's natural and cultural heritage, and maintains biodiversity and provides opportunities for compatible, ecologically sustainable recreation. The objectives in establishing and managing conservation reserves are: to permanently protect representative ecosystems, biodiversity and provincially significant elements of Ontario's natural and cultural heritage and to manage these areas to ensure that ecological integrity is maintained; to provide opportunities for ecologically sustainable land uses, including traditional outdoor heritage activities and associated economic benefits; and to facilitate scientific research and to provide points of reference to support monitoring of ecological change on the broader landscape.

**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:**  
**Conservation Reserve Regulated**

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**CONSERVATION\_RESERVE\_FT**

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An area of public lands set aside under the Public Lands Act to protect natural heritage areas and natural features on public land, while preserving traditional public land uses. A class of zone established by Ontario Regulation 805/94, as amended, made under section 4 of the Public Lands Act to protect natural heritage areas and natural features on public land and preserve traditional public land uses including wildlife viewing, hunting, fishing, walking, snowshoeing, cross country skiing and boating. Land within a conservation reserve shall not be used for mining, commercial forest harvest, hydro-electric power development, the extraction of aggregate and peat or other industrial purposes.

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

<b>PROTECTED_SITE_IDENT</b>	VARCHAR2 (12)	Yes	SITE_IDENT	
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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.

<b>PROTECTED_AREA_NAME_ENG</b>	VARCHAR2 (100)	Yes	NAME_ENG	
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The official name of a protected area.

<b>PROTECTED_AREA_NAME_FR</b>	VARCHAR2 (100)	No	NAME_FR	
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Name of the protected area. French language.

<b>TYPE_ENG</b>	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)
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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.

<b>TYPE_FR</b>	VARCHAR2 (100)	No	TYPE_FR	
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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.

<b>STATUS_ENG</b>	VARCHAR2 (75)	Yes	<b>STATUS_ENG</b>	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.

<b>STATUS_FR</b>	VARCHAR2 (75)	No	<b>STATUS_FR</b>
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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.

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

<b>IUCN_CATEGORY</b>	VARCHAR2 (3)	No	<b>IUCN_CAT</b>	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

<b>REGULATION_DATE</b>	DATE	Yes	<b>REG_DATE</b>
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Date that a geographic unit came under regulation.

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

<b>REGULATED_AREA</b>	NUMBER (10,2)	Yes	<b>REG_AREA</b>
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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.

<b>NSUID</b>	NUMBER (4,0)	No	<b>NSUID</b>
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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.

<b>PARENTID</b>	NUMBER	No	<b>PARENTID</b>
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(4,0)

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.

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<b>OWNER_ENG</b>	VARCHAR2	Yes	OWNER_ENG
	(100)		

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<b>OWNER_FR</b>	VARCHAR2	Yes	OWNER_FR
	(100)		

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<b>MANAGEMENT_ENG</b>	VARCHAR2	Yes	MGMT_ENG
	(250)		

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<b>MANAGEMENT_FR</b>	VARCHAR2	Yes	MGMT_FR
	(250)		

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<b>LOCATION_ENG</b>	VARCHAR2	Yes	LOC_ENG
	(30)		

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.

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<b>LOCATION_FR</b>	VARCHAR2	Yes	LOC_FR
	(30)		

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.

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<b>LEGISLATION</b>	VARCHAR2	Yes	LEGISLAT
	(250)		

The legislation used to regulate a protected area. CARTS Description: A description of the current legislation under which a given protected area falls.

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<b>PROTDATE</b>	NUMBER	No	PROTDATE
	(8,0)		

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.

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<b>URL</b>	VARCHAR2	No	URL
	(250)		

A URL address to additional information.

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<b>M_AREA</b>	NUMBER	No	M_AREA
	(5,2)		

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.

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<b>SYSTEM_CALCULATED_AREA</b>	NUMBER (16,3)	No	SYS_AREA
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The area of a polygon measured in square metres by the system.

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<b>GENERAL_COMMENTS</b>	VARCHAR2 (2000)	No	GNL_CMT
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General comments.

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

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

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## **CLASS\_DATABASE\_REFERENCE**

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

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

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<b>INTERNAL_EXTERNAL_FLG</b>	VARCHAR2 (10)	Yes	INT_EXT	Internal, External
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A flag indicating if the database being referenced is internal (NRVIS/LIO) or external.

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<b>DATABASE_REFERENCE_IDENT</b>	VARCHAR2 (50)	Yes	IDENT	
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Identifier of a reference that is linked e.g. Land Use Permit Number, LIS Number, the FMF Object ID of a Concrete Class.

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<b>CLASS_SHORT_NAME</b>	VARCHAR2 (8)	Yes	CLASS_NAME	
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Static short name that will be used by for the concrete class.

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<b>DATABASE_REFERENCE_DETAIL</b>	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.

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

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

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

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

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## CLASS\_JUSTIFICATION

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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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<b>OGF_ID</b>	NUMBER (13,0)	Yes	OGF_ID
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A unique numeric provincial identifier assigned to each object.

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

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

<b>JUSTIFICATION_DATE</b>	DATE	Yes	JUSTIF_DT
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Date that the geographic feature was justified.

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

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## CLASS\_OTHER\_INFORMATION

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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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<b>OGF_ID</b>	NUMBER (13,0)	Yes	OGF_ID
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A unique numeric provincial identifier assigned to each object.

<b>FIELD_NAME</b>	VARCHAR2 (30)	Yes	FIELD_NAME
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The attribute name for the information.

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

<b>FIELD_TYPE</b>	VARCHAR2 (8)	Yes	FIELD_TYPE	String, Integer, Double
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The type of field.

<b>FIELD_VALUE_STRING</b>	VARCHAR2 (50)	No	VALUE_S
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A field used to store character strings.

<b>FIELD_VALUE_INTEGER</b>	NUMBER (5,0)	No	VALUE_I
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A field used to store integer values (small numbers).

<b>FIELD_VALUE_DOUBLE</b>	NUMBER (10,3)	No	VALUE_D
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A field used to store decimal data with up to two decimals.

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

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## **CLASS\_PARTY\_ROLE**

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A link to an external contact database.

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

<b>PARTY_IDENT</b>	VARCHAR2 (25)	Yes	PARTY_ID	
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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.).

<b>PARTY_DATABASE</b>	VARCHAR2 (100)	Yes	PARTY_DB	
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The database that contains the party information.

<b>ROLE_TYPE</b>	VARCHAR2 (50)	Yes	ROLE_TYPE	Affiliated With, Approver, Authority Holder, Claim Holder, Contact, Contractor, ... (See ROLE_TYPE_LIST table)
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The role that an organization or an individual plays.

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

<b>ROLE_DETAIL</b>	VARCHAR2 (200)	No	DETAIL	
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Additional details about the role.

<b>START_DATE</b>	DATE	No	START_DATE	
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The date when a Party starts to play a Role.

<b>END_DATE</b>	DATE	No	END_DATE	
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The date when a Party ceases to play a Role.

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**EFFECTIVE\_DATETIME** DATE Yes EFF\_DATE

Date/time the record was created or last modified in the source database.

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## CLASS\_SOURCE

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Intersection table between the data class and Source List table.

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>OGF_ID</b>	NUMBER (13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
<b>SOURCE_NAME</b>	VARCHAR2 (100)	Yes	SOURCE_NAM	AFFM Provincial Administrative Maps, Aerial Photography, Aerial Survey, Book/Publication, CIR Photograpy, City of Ottawa Borehole Database, ... (See SOURCE_LIST table)

The name of the source.

<b>SOURCE_DETAIL</b>	VARCHAR2 (254)	Yes	SOURCE_DET	
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.				

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

<b>SOURCE_DESCR</b>	VARCHAR2 (2000)	No	SOURCE_DES	
Text providing details about the source.				

<b>METHOD_DESCR</b>	VARCHAR2 (2000)	No	METHOD	
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.				

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

**EFFECTIVE\_DATETIME** DATE Yes EFF\_DATE

Date/time the record was created or last modified in the source database.

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## CLASS\_SUPPORTING\_MATERIAL

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

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>OGF_ID</b>	NUMBER	Yes	OGF_ID	

(13,0)

A unique numeric provincial identifier assigned to each object.

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

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<b>MATERIAL_LOCATION</b>	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.

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

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<b>URL_ENG</b>	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.

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<b>URL_FRE</b>	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.

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

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## EXTERNAL\_REF\_TYPE\_LIST

List of valid EXTERNAL\_REFERENCE\_TYPE codes.

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Column Name	Column Type	Mandatory	Short Name	Valid Values
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<b>EXT_REF_TYPE_CODE</b>	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.

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<b>EXT_REF_TYPE_DESCR</b>	VARCHAR2 (60)	Yes	EXT_REF_TY
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Description of the type of external reference.

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

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

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## 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
<b>STATUS_ENG</b>	VARCHAR2 (75)	Yes	STATUS_ENG	
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.				
<b>STATUS_FR</b>	VARCHAR2 (75)	Yes	STATUS_FR	
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.				
<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
<b>EXPIRY_DATETIME</b>	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
<b>ROLE_TYPE</b>	VARCHAR2 (50)	Yes	ROLE_TYPE	
The role that an organization or an individual plays.				
<b>ROLE_TYPE_DESCR</b>	VARCHAR2 (2000)	Yes	DESCR	
Description of Role Type.				
<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
<b>EXPIRY_DATETIME</b>	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 Type	Mandatory	Short Name	Valid Values
<b>SOURCE_NAME</b>	VARCHAR2 (100)	Yes	NAME	
The name of the source.				

<b>SOURCE_DATE</b>	VARCHAR2 (50)	No	SRC_DATE
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The date of the source.

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<b>SOURCE_ORIGINATOR</b>	VARCHAR2 (75)	No	ORIGINATOR
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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)

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<b>SOURCE_SCALE</b>	VARCHAR2 (15)	No	SCALE
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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.

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<b>HORIZONTAL_DATUM</b>	VARCHAR2 (10)	No	H_DATUM
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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.

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<b>VERTICAL_DATUM</b>	VARCHAR2 (30)	No	V_DATUM
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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.

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<b>SOURCE_PROJECTION</b>	VARCHAR2 (40)	No	PROJECTION
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The name of a systematic representation of all or part of the surface of the Earth on a plane or developable surface.

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

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

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**LIO Lookup Table Values:**  
**EXTERNAL\_REF\_TYPE\_LIST**

<b>EXT REF TYPE CODE</b>	<b>EXT REF TYPE DESCR</b>	<b>EXPIRY DATETIME</b>
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:

**PROTECTED\_AREA\_STATUS\_LIST**

<b>STATUS ENG</b>	<b>STATUS FR</b>	<b>EXPIRY DATETIME</b>
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:

### 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 Traverse 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