# Land Information Ontario
# Data Description

## Provincial Park Regulated

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# LIO Class Description

## Provincial Park Regulated

**Class Short Name:**          PROVPREG

**Version Number:**          9

**Class Description:**

An area of public lands regulated under the Provincial Parks and Conservation Reserves Act (2006) that includes ecosystems that are representative of all of Ontario's natural regions, protects provincially significant elements of Ontario's natural and cultural heritage, maintains biodiversity and provides opportunities for compatible, ecologically sustainable recreation.. Ontario provincial parks are classified as one of the following: waterway, wilderness, natural environment, recreational, cultural heritage or nature reserve. The objectives of Provincial Parks are: 1. 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. 2. To provide opportunities for ecologically sustainable outdoor recreation opportunities and encourage associated economic benefits. 3. To provide opportunities for residents of Ontario and visitors to increase their knowledge and appreciation of Ontario's natural and cultural heritage. 4. To facilitate scientific research and to provide points of reference to support monitoring of ecological change on the broader landscape. Business Note: if a Provincial Park has a management plan, it must have at least one Park Zone.

**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.

**Metadata URL:**

# Provincial Park Regulated

## PROV_PARK_REGULATED_FT

An area of public lands regulated under the Provincial Parks and Conservation Reserves Act (2006) that includes ecosystems that are representative of all of Ontario's natural regions, protects provincially significant elements of Ontario's natural and cultural heritage, maintains biodiversity and provides opportunities for compatible, ecologically sustainable recreation.. Ontario provincial parks are classified as one of the following: waterway, wilderness, natural environment, recreational, cultural heritage or nature reserve. The objectives of Provincial Parks are: 1. 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. 2. To provide opportunities for ecologically sustainable outdoor recreation opportunities and encourage associated economic benefits. 3. To provide opportunities for residents of Ontario and visitors to increase their knowledge and appreciation of Ontario's natural and cultural heritage. 4. To facilitate scientific research and to provide points of reference to support monitoring of ecological change on the broader landscape. Business Note: if a Provincial Park has a management plan, it must have at least one Park Zone.

| 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. | | | | |
| **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 | AREA_NAME | |
| The official name of a protected area. | | | | |
| **PROTECTED_AREA_NAME_FR** | VARCHAR2(100) | No | NAME_FR | |
| Name of the protected area. (French language) | | | | |
| **PROTECTED_AREA_NAME_OJIBWA** | VARCHAR2(100) | No | NAME_OJIB | |
| Name of the protected area in the Ojibwa language. | | | | |
| **PROTECTED_AREA_NAME_OJI_CREE** | VARCHAR2(100) | No | NAME_OJI_C | |
| Name of the protected area in the Oji-Cree language. | | | | |
| **PROTECTED_AREA_NAME_CREE** | VARCHAR2(100) | No | NAME_CREE | |
| Name of the protected area in the Cree language. | | | | |
| **TYPE_ENG** | VARCHAR2(100) | No | TYPE_ENG | Conservation Reserve, Forest Reserve, Proposed Protected Area, Protected Area - Far North, Provincial Park, Recommended Conservation Reserve, … (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. (French language) 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. (French language)

| STATUS_ENG | VARCHAR2(75) | Yes | STATUS_ENG | Dedicated Protected Area, Forest Reserve, Proposed Conservation Reserve, Proposed Protected Area, Proposed Provincial Park, Recommended Conservation Reserve under the PPCRA, … (See PROTECTED_AREA_STATUS_LIST table) |

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. Certain values (Dedicated Protected Area, Regulated under the Far North Act, Regulated as a Conservation Reserve under the PPCRA, Recommended as Conservation Reserve under the PPCRA, Regulated as a Provincial Park under the PPCRA, Recommended Provincial Park under the PPCRA) are only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North".

| STATUS_FR | VARCHAR2(75) | No | 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. (French language) 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. Certain values (Dedicated Protected Area, Regulated under the Far North Act, Regulated as a Conservation Reserve under the PPCRA, Recommended as Conservation Reserve under the PPCRA, Regulated as a Provincial Park under the PPCRA, Recommended Provincial Park under the PPCRA) are only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North".

| COMMON_SHORT_NAME | VARCHAR2(100) | Yes | SHORT_NAME | |

The commonly-used shorter form of an official name.

| IUCN_CATEGORY | VARCHAR2(3) | No | IUCN_CAT | Ia, Ib, II, III, IV, V, VI, YES, N/A |

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 or Feature, IV: Habitat/Species Management Area, V: Protected Landscape/Seascape, VI: Protected Area with Sustainable Use of Natural Resources, YES: Site is a protected area according to the IUCN definition, but the category of protection has not been determined, N/A: Not Applicable: Site is not a protected area according to the IUCN definition. A site may provide biodiversity conservation value without satisfying IUCN protected area definitions.

| REGULATION_DATE | DATE | Yes | REG_DATE | |

Date that a geographic unit came under regulation.

| REGULATION_NUMBER | VARCHAR2(16) | Yes | REG_NUM | |

Official identifying number of the regulation that establishes and defines the protected area.

| REGULATED_AREA | NUMBER(10,2) | Yes | REG_AREA | |

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.

| OPERATING_STATUS_IND | VARCHAR2(3) | No | OPERATING | Yes, No |

Indication as to whether or not the park in question is an operating or non-operating park. An operating park collects fees and/or has staff on site and has operational facilities and a non-operating park has no fees or staff on site and only

limited facilities. Yes means the park is considered operating and No means the park is considered non-operating.

| **PROVINCIAL_PARK_CLASS_ENG** | VARCHAR2(20) | Yes | CLASS_ENG | Cultural Heritage, Natural Environment, Nature Reserve, Recreation, Unclassified, Waterway, … (See PROV_PARK_CLASS_LIST table) |
|---|---|---|---|---|

A classification system arising from the formal recognition that different types of parks are necessary to protect different types of resources and environments, and to provide different types of recreational experiences.

| **PROVINCIAL_PARK_CLASS_FR** | VARCHAR2(50) | No | CLASS_FR | |
|---|---|---|---|---|

A classification system arising from the formal recognition that different types of parks are necessary to protect different types of resources and environments, and to provide different types of recreational experiences. French language translation.

| **NSUID** | NUMBER(4,0) | No | NSUID | |
|---|---|---|---|---|

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 | |
|---|---|---|---|---|

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 | |
|---|---|---|---|---|

The agencies, organizations, and/or individuals that own the protected area (English language)

| **OWNER_FR** | VARCHAR2(100) | Yes | OWNER_FR | |
|---|---|---|---|---|

The agencies, organizations, and/or individuals that own the protected area (French language)

| **MANAGEMENT_ENG** | VARCHAR2(250) | Yes | MGMT_ENG | Ontario Parks, Pikangikum First Nation; Ontario Parks |
|---|---|---|---|---|

The agencies, organizations, and/or individuals that manage the protected area. (English language)

| **MANAGEMENT_FR** | VARCHAR2(250) | Yes | MGMT_FR | Parcs Ontario, la Première nation Pikangikum; Parcs Ontario |
|---|---|---|---|---|

The agencies, organizations, and/or individuals that manage the protected area. (French language)

| **LOCATION_ENG** | VARCHAR2(30) | Yes | LOC_ENG | |
|---|---|---|---|---|

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 Mari ne, Offshore Pacific Marine, or Offshore Great Lakes Marine. Use English language only.

| **LOCATION_FR** | VARCHAR2(30) | Yes | LOC_FR | |
|---|---|---|---|---|

The provincial location of the protected area. Used for the national rollup of protected areas in Canada. (French language) 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 Mari ne, Offshore Pacific Marine, or Offshore Great Lakes Marine. Use French language only.

| **LEGISLATION** | VARCHAR2(250) | Yes | LEGISLAT | |
|---|---|---|---|---|

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 | |
|---|---|---|---|---|

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 | |

A URL address to additional information.

| | | | | |
|---|---|---|---|---|
| **M_AREA** | NUMBER(5,2) | No | M_AREA | |

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 wil l 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.

| | | | | |
|---|---|---|---|---|
| **PROV_PARK_ADMIN_ZONE_ID** | NUMBER(13,0) | Yes | ZONE_ID | |

Foreign key to PARK ADMINISTRATION ZONE

| | | | | |
|---|---|---|---|---|
| **CLUSTER_NAME** | VARCHAR2(100) | No | CLUSTER | Algoma Cluster (Northeast Zone), Algonquin Park Cluster (Algonquin Zone), Arrowhead Park Cluster (Algonquin Zone), Awenda Cluster (Southwest Zone), Balsam Lake Cluster (Southeast Zone) , Bass Lake Cluster (Southeast Zone), … (See PROV_PARK_CLUSTER_LIST table) |

Geographically proximate provincial parks grouped for operational purposes.

| | | | | |
|---|---|---|---|---|
| **SYSTEM_CALCULATED_AREA** | NUMBER(16,3) | No | SYS_AREA | |

The area of a polygon measured in square metres by the system.

| | | | | |
|---|---|---|---|---|
| **GENERAL_COMMENTS** | VARCHAR2 (2000) | No | COMMENTS | |

General comments.

| | | | | |
|---|---|---|---|---|
| **OVERLAY_IND** | VARCHAR2(3) | Yes | OVERLAY | Yes, No |

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 land use areas. The overlay policy almost always takes priority to the primary land use designation 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 areas policy report. This field is a requirement for CLUPA. Default: No.

| | | | | |
|---|---|---|---|---|
| **GEOMETRY_UPDATE_DATETIME** | DATE | No | GEO_UPT_DT | |

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

| | | | | |
|---|---|---|---|---|
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |

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

| | | | | |
|---|---|---|---|---|
| **SHAPE** | SDO_GEOMETRY | No | SHAPE | |

Geometry attribute.

## 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.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **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 | |
| 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 | |
| The static short name that is used by the related concrete class. | | | | |
| **EXT_REF_TYPE_CODE** | VARCHAR2 (8) | No | EXT_TYPE | |
| The type of external database that the identifier pertains to e.g. LUPS, LIS, etc. | | | | |
| **TYPE_OTHER_DESCR** | VARCHAR2 (60) | No | OTH_DESCR | |
| A full description of the type when set to "other". | | | | |
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |
| 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 |
|---|---|---|---|---|
| **OGF_ID** | NUMBER (13,0) | Yes | OGF_ID | |
| A unique numeric provincial identifier assigned to each object. | | | | |
| **JUSTIFICATION_REASON** | VARCHAR2 (2000) | Yes | REASON | |
| Reason for justification of the existence of a geographic feature. | | | | |
| **CLASS_SHORT_NAME** | VARCHAR2 (8) | Yes | CLASS_NAME | |
| System-generated column denoting the data class which this record is part of. | | | | |
| **JUSTIFICATION_DATE** | DATE | Yes | JUSTIF_DT | |
| Date that the geographic feature was justified. | | | | |
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |
| 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 |
|---|---|---|---|---|
| **OGF_ID** | NUMBER (13,0) | Yes | OGF_ID | |
| 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 |
|---|---|---|---|

Additional details about the role.

| START_DATE | DATE | No | START_DATE |
|---|---|---|---|

The date when a Party starts to play a Role.

| END_DATE | DATE | No | END_DATE |
|---|---|---|---|

The date when a Party ceases to play a Role.

| EFFECTIVE_DATETIME | DATE | Yes | EFF_DATE |
|---|---|---|---|

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 |
|---|---|---|---|---|
| OGF_ID | NUMBER (13,0) | Yes | OGF_ID | |

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 Photography, City of Ottawa Borehole Database, … (See SOURCE_LIST table) |
|---|---|---|---|---|

The name of the source.

| SOURCE_DETAIL | 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.

| CLASS_SHORT_NAME | VARCHAR2 (8) | Yes | CLASS_NAME | |
|---|---|---|---|---|

Unique abbreviation of the concrete class name (primary key)

| SOURCE_DESCR | VARCHAR2 (2000) | No | SOURCE_DES | |
|---|---|---|---|---|

Text providing details about the source.

| METHOD_DESCR | 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.

| SOURCE_APPLICABILITY | 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.

## CLASS_SUPPORTING_MATERIAL

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

| 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.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **MATERIAL_NAME** | VARCHAR2 (200) | Yes | NAME | |

A name or brief description of the material.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **MATERIAL_LOCATION** | VARCHAR2 (200) | Yes | LOCATION | |

The location where the supporting material is stored. This may be a physical location or a link to a storage location.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **CLASS_SHORT_NAME** | VARCHAR2 (8) | Yes | CLASS_NAME | |

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

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **URL_ENG** | VARCHAR2 (500) | No | URL_ENG | |

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.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **URL_FRE** | VARCHAR2 (500) | No | URL_FRE | |

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.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |

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 |
|---|---|---|---|---|
| **EXT_REF_TYPE_CODE** | VARCHAR2 (8) | Yes | EXT_REF_TY | |

The type of external database that the identifier pertains to e.g. LUPS, LIS, Other.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EXT_REF_TYPE_DESCR** | VARCHAR2 (60) | Yes | EXT_REF_TY | |

Description of the type of external reference.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |

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

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EXPIRY_DATETIME** | DATE | No | EXP_DATE | |

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 |
|---|---|---|---|---|
| **STATUS_ENG** | 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. Certain values (Dedicated Protected Area, Regulated under the Far North Act, Regulated as a Conservation Reserve under the PPCRA, Recommended as Conservation Reserve under the PPCRA, Regulated as a Provincial Park under the PPCRA, Recommended Provincial Park under the PPCRA) are only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North".

| | | | | |
|---|---|---|---|---|
| **STATUS_FR** | 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. (French language) 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. Certain values (Dedicated Protected Area, Regulated under the Far North Act, Regulated as a Conservation Reserve under the PPCRA, Recommended as Conservation Reserve under the PPCRA, Regulated as a Provincial Park under the PPCRA, Recommended Provincial Park under the PPCRA) are only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North".

| | | | | |
|---|---|---|---|---|
| **BUSINESS_RULE** | VARCHAR2 (254) | No | BUS_RULE | |

Business rules regarding use of this lookup tables value (e.g. conditional dependency to value of another attribute)

| | | | | |
|---|---|---|---|---|
| **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.

## 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.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |

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

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EXPIRY_DATETIME** | DATE | No | EXP_DATE | |

Date/time that the record was expired from use.

## PROV_PARK_CLASS_LIST

List of valid Provincial Park Classes.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **PROVINCIAL_PARK_CLASS_ENG** | VARCHAR2 (20) | Yes | CLASS_ENG | |

A classification system arising from the formal recognition that different types of parks are necessary to protect different types of resources and environments, and to provide different types of recreational experiences.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **PROVINCIAL_PARK_CLASS_FR** | VARCHAR2 (50) | Yes | CLASS_FR | |

A classification system based on the resource type. May provide for protection of different types of resources, environments, and to provide various types of recreational experiences. French language translation.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |

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

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EXPIRY_DATETIME** | DATE | No | EXP_DATE | |

Date/time that the record was expired from use.

## PROV_PARK_CLUSTER_LIST

Lookup table listing park cluster name values. Geographically proximate provincial parks grouped into clusters for operational purposes.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **CLUSTER_NAME** | VARCHAR2 (100) | Yes | CLUSTER | |

The name of the park cluster.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **EFFECTIVE_DATETIME** | DATE | Yes | EFF_DATE | |

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

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **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 Type | Mandatory | Short Name | Valid Values |
|---|---|---|---|---|
| **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:**

# PROTECTED_AREA_STATUS_LIST

| STATUS ENG | STATUS FR | BUSINESS RULE | EXPIRY DATETIME |
|---|---|---|---|
| Dedicated Protected Area | Zone protégée désignée | only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North" | |
| 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 Conservation Reserve under the PPCRA | Réserve de conservation recommandée en vertu de la LPPRC | only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North" | |
| Recommended Protected Area | Zone recommandée aux fins de protection | | |
| Recommended Provincial Park under the PPCRA | Parc provincial recommandé en vertu de la LPPRC | only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North" | |
| Regulated Addition | Ajout réglementé | | |
| Regulated Conservation Reserve under the PPCRA | Réserve de conservation réglementée en vertu de la LPPRC | only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North" | |
| Regulated Conservation Reserve | Réserve de conservation réglementé | | |
| Regulated Provincial Park under the PPCRA | Parc provincial réglementé en vertu de la LPPRC | only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North" | |
| Regulated Provincial Park | Parc provincial réglementé | | |
| Regulated Wilderness Area | Région sauvage réglementé | | |
| Regulated under the Far North Act | Réglementé en vertu de la Loi de 2010 sur le Grand Nord | only applicable when PROTECTED_AREA_TYPE = "Protected Area - Far North" | |

**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 | |
| Protected Area - Far North | Zone protégée - Grand Nord | |
| 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:**

**PROV_PARK_CLASS_LIST**

| PROVINCIAL PARK CLASS ENG | PROVINCIAL PARK CLASS FR | EXPIRY DATETIME |
|---|---|---|
| Cultural Heritage | Patrimoine Culturel | |
| Natural Environment | Environnement naturel | |
| Nature Reserve | Réserve naturelle | |
| Recreation | Loisirs | |
| Unclassified | Non classée | |
| Waterway | Voie navigable | |
| Wilderness | Région sauvage | |
| Historical | Historique | 2013-09-17 |

# LIO Lookup Table Values:

# PROV_PARK_CLUSTER_LIST

| CLUSTER NAME | EXPIRY DATETIME |
|---|---|
| Algoma Cluster (Northeast Zone) | |
| Algonquin Park Cluster (Algonquin Zone) | |
| Arrowhead Park Cluster (Algonquin Zone) | |
| Awenda Cluster (Southwest Zone) | |
| Balsam Lake Cluster (Southeast Zone) | |
| Bass Lake Cluster (Southeast Zone) | |
| Bon Echo Cluster (Southeast Zone) | |
| Bonnechere Park Cluster (Algonquin Zone) | |
| Bronte Creek Cluster (Southwest Zone) | |
| Chapleau East Cluster (Northeast Zone) | |
| Chapleau West Cluster (Northeast Zone) | |
| Charleston Lake Cluster (Southeast Zone) | |
| Cochrane Cluster (Northeast Zone) | |
| Darlington Cluster (Southeast Zone) | |
| Dryden Cluster (Northwest Zone) | |
| Earl Rowe Cluster (Southwest Zone) | |
| Emily Cluster (Southeast Zone) | |
| Fitzroy Cluster (Southeast Zone) | |
| Frontenac Cluster (Southeast Zone) | |
| Grundy Lake Cluster (Northeast Zone) | |
| Hearst Area Cluster (Northeast Zone) | |
| Kakabeka Cluster (Northwest Zone) | |
| Kawartha Highlands Cluster (Southeast Zone) | |
| Kenora Cluster (Northwest Zone) | |
| Killarney Cluster (Northeast Zone) | |
| Killbear Cluster (Northeast Zone) | |
| Lake Superior Cluster (Northwest Zone) | |
| MacGregor Point Cluster (Southwest Zone) | |
| | |

| | |
|---|---|
| Mattawa-Ottawa River Valley Cluster (Algonquin Zone) | |
| Mississagi/Spanish River Cluster (Northeast Zone) | |
| Murphys Point Cluster (Southeast Zone) | |
| Nipigon Cluster (Northwest Zone) | |
| Oastler/Massasauga Cluster (Northeast Zone) | |
| Port Burwell Cluster (Southwest Zone) | |
| Presqu'ile Cluster (Southeast Zone) | |
| Quetico Cluster (Northwest Zone) | |
| Red Lake Cluster (Northwest Zone) | |
| Restoule Cluster (Northeast Zone) | |
| Rondeau Cluster (Southwest Zone) | |
| Sandbanks Cluster (Southeast Zone) | |
| Sharbot Lake Cluster (Southeast Zone) | |
| Sibbald Point Cluster (Southeast Zone) | |
| Silent Lake Cluster (Southeast Zone) | |
| Six Mile Lake Cluster (Northeast Zone) | |
| Sleeping Giant Cluster (Northwest Zone) | |
| Temagami Area Cluster (Northeast Zone) | |
| The Pinery Cluster (Southwest Zone) | |
| Turkey Point Cluster (Southwest Zone) | |
| Voyageur Cluster (Southeast Zone) | |
| Wabakimi Cluster (Northwest Zone) | |
| Wasaga Beach Cluster (Southwest Zone) | |
| Wheatley Cluster (Southwest Zone) | |
| White Lake Cluster (Northwest Zone) | |
| Windy Lake Cluster (Northeast Zone) | |

# 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 | |

# 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 Photography | | 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 Assessment 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 Resources | 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 |