

Land Information Ontario Data Description

Assessment Parcel

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LIO Class Catalogue

Assessment Parcel

Class Short Name: ASPARCEL

Version Number: 3

Class Description:

Area of land delineated for property taxation calculation purposes based on the estimated market value of the property (land and buildings) by the Municipal Property Assessment Corporation (MPAC).

Abstract Class Name: SPSNTPOLY

Abstract Class

Description:

Abstract Spatial Single-Non-Tessellating-Polygon User Object. One and only one polygon forms a single object. Polygons may NOT overlap. However, holes, gaps and islands are allowed. Examples of this are sub classes that may fall under this class are lakes wetlands, ANSIs, etc.

Tables in LIO Class:
Assessment Parcel

ASSESSMENT_PARCEL_FT

An area of land delineated for property taxation calculation purposes as assigned by Municipal Property Assessment Corporation (MPAC).

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.				
ASSESSMENT_ROLL_NUMBER	VARCHAR2(20)	No	ARN	
The identifier that links MPAC address information to the Ontario Parcel polygons. This 20 digit identifier is derived from 15 digit MPAC Assessment Roll Numbers (ARN).				
GEOMETRY_UPDATE_DATETIME	DATE	No	GEO_UPD_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.				

ASSESSMENT_CIVIC_ADDRESS

Civic address of an assessment parcel.

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.				
ASSESSMENT_PARCEL_ID	NUMBER (13,0)	No	PARCEL_ID	
The foreign key used to link to ASSESSMENT PARCEL (FMF Object Id of ASSESSMENT PARCEL).				
ASSESSMENT_ROLL_NUMBER_RANGE	VARCHAR2 (20)	Yes	ARN_RANGE	
The identifier that links MPAC address information to the Ontario Parcel polygons. This 20 digit identifier is derived from 15 digit MPAC Assessment Roll Numbers (ARN).				
ASSESSMENT_ROLL_NUMBER_PRIMARY	VARCHAR2 (15)	Yes	ARN_PRIM	
The fifteen digit primary Assessment Roll Number (ARN)) as supplied by the Municipal Property Assessment Corporation (MPAC).				
MPAC_STREET_ADDRESS	VARCHAR2 (100)	Yes	MPAC_ADDR	
Street Address as supplied by Municipal Property Assessment Corporation (MPAC). Includes Street Name, Street Type and Street Direction.				
MPAC_TAXATION_MUNICIPALITY	VARCHAR2 (100)	Yes	MPAC_MUNIC	
Taxation municipality as supplied by the Municipal Property Assessment Corporation (MPAC).				

STREET_NAME_BODY	VARCHAR2 Yes (50)	STR_NAME	
A component of the "full" street name (official or alternate) assigned by a municipality or road authority, which has, compared to the other street name components (directional prefix, street type prefix, street type suffix and directional suffix) the most identifying power. Street name body is stored in proper case. If a street name (official or alternate) exists: 1. A street name must have a street name body 2. A street name may also consist of none, or one or more of the following street name components (directional prefix, street type prefix, street type suffix and directional suffix). For example a street name may not contain a street type prefix or suffix and/or a directional prefix or suffix and, 3. The street name body text can never be abbreviated.			
FULL_STREET_NAME_UPPER	VARCHAR2 Yes (100)	FULL_NAME	
This attribute is derived from the individual street name components (where present), namely (directional prefix, street type prefix, street name body, street type suffix and directional suffix) and is stored in upper case text.			
ABBR_STREET_NAME_UPPER	VARCHAR2 Yes (100)	ABBR_NAME	
This attribute is derived from the individual street name components (where present), namely (directional prefix, street type prefix, street name body, street type suffix and directional suffix) and is stored in upper case text. This derived attribute will contain any abbreviated text from the following four street name components (where present): 1. Directional Prefix 2. Street Type Prefix 3. Street Type Suffix and, 4. Directional Suffix. Abbreviations to the street name body are not permitted.			
STREET_NUMBER	VARCHAR2 No (15)	NUMBER	
The official civic number that has been assigned to an address by the municipality.			
STREET_NUMBER_SUFFIX	VARCHAR2 No (10)	NUMBER_SUF	
The letter or fraction that follows the civic number e.g. 104A or 91 1/2 KING ST.			
STREET_TYPE_PREFIX	VARCHAR2 No (20)	TYPE_PRE	Abbey, Access, Acres, Aire, Alley, Allée, ... (See ORN_STREET_TYPE_LIST table)
A part of the street name (official or alternate) identifying the street type which precedes the street name body. This attribute (where present) is used in conjunction with the attributes directional prefix, street name body, street type suffix and directional suffix to form the composite street name and is stored in proper case. When a road is classified as French or English, it is based upon the defined street type. For example: 1. Rue Leonard - the presence of "Rue" means it will be classified as a French street name; and, 2. Leonard Street - the presence of "Street" means it will be classified as an English street name.			
DIRECTIONAL_PREFIX	VARCHAR2 No (10)	DIR_PRE	East, Est, Nord, Nord Est, Nord Ouest, North, ... (See ORN_STREET_DIRECTION_LIST table)
A geographic direction, which is part of the street name (official or alternate) which precedes the street name body and, if appropriate, the street type prefix. This attribute (where present) is used in conjunction with the attributes street type prefix, street name body, street type suffix and directional suffix to form the composite street name and is stored in proper case.			
STREET_TYPE_SUFFIX	VARCHAR2 No (20)	TYPE_SUF	Abbey, Access, Acres, Aire, Alley, Allée, ... (See ORN_STREET_TYPE_LIST table)
A part of the street name (official or alternate) identifying the street type which succeeds the street name body. This attribute (where present) is used in conjunction with the attributes directional prefix, street type prefix, street name body and directional suffix to form the composite street name and is stored in proper case. When a road is classified as French or English, it is based upon the defined street type. For example: 1. Rue Leonard - the presence of "Rue" means it will be classified as a French street name; and, 2. Leonard Street - the presence of "Street" means it will be classified as an English street name.			
DIRECTIONAL_SUFFIX	VARCHAR2 No	DIR_SUF	East, Est, Nord, Nord Est, Nord

(10)

Ouest, North, ... (See
ORN_STREET_DIRECTION_LIST
table)

A geographic direction, which is part of the street name (official or alternate) which succeeds the street name body and, if appropriate, the street type suffix. This attribute (where present) is used in conjunction with the attributes directional prefix, street type prefix, street name body and street type suffix to form the composite street name and is stored in proper case.

UNIT_IDENT	VARCHAR2 (20)	No	UNIT_IDENT
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Unit/apartment number as assigned by the building.

MUNICIPALITY_NAME	VARCHAR2 (100)	Yes	MUNIC_NAME
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A location name derived from the MPAC Taxation Municipality. It may be a municipality, township, place name, region, etc.

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

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

INTERNAL_EXTERNAL_FLG	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.

DATABASE_REFERENCE_IDENT	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.

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

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

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

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

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

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

CLASS_JUSTIFICATION

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

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

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

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

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

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

CLASS_OTHER_INFORMATION

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

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

FIELD_NAME	VARCHAR2 (30)	Yes	FIELD_NAME	
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The attribute name for the information.

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

FIELD_TYPE	VARCHAR2 (8)	Yes	FIELD_TYPE	String, Integer, Double
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The type of field.

FIELD_VALUE_STRING	VARCHAR2 (50)	No	VALUE_S	
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A field used to store character strings.

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

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

EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
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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
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OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
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A unique numeric provincial identifier assigned to each object.

PARTY_IDENT	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.).

PARTY_DATABASE	VARCHAR2 (100)	Yes	PARTY_DB	
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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)
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The role that an organization or an individual plays.

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

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

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

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

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

CLASS_SOURCE

Intersection table between the data class and Source List table.

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

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

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

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

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

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

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

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

CLASS_SUPPORTING_MATERIAL

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

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

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

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

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

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

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

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

EXTERNAL_REF_TYPE_LIST

List of valid EXTERNAL_REFERENCE_TYPE codes.

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

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

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

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

ORN_STREET_DIRECTION_LIST

List of valid street directions

Column Name	Column Type	Mandatory	Short Name	Valid Values
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STREET_DIRECTION	VARCHAR2 (10)	Yes	STREET_DIR
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The direction of the street.

OFFICIAL_LANGUAGE	VARCHAR2 (3)	Yes	OFF_LANG
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A code identifying the official language.

CPC_DIRECTION_CODE	VARCHAR2 (2)	Yes	CPC_DIRECT
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The short form of the street direction as defined by Canada Post Corporation (CPC).

NRN_DIRECTION	NUMBER (3,0)	No	NRN_DIRECT
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Direction assigned to support the National Road Network (NRN).

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

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

ORN_STREET_TYPE_LIST

List of valid street types

Column Name	Column Type	Mandatory	Short Name	Valid Values
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STREET_TYPE	VARCHAR2 (25)	Yes	STREET_TYP
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A description of the street type.

STREET_TYPE_SHORT_FORM_ENGLISH	VARCHAR2 (15)	No	ST_TYPE_EN
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A short form of the street type in English.

STREET_TYPE_SHORT_FORM_FRENCH	VARCHAR2 (15)	No	ST_TYPE_FR
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A short form of the street type in French.

NRN_STREETTYPE	NUMBER (3,0)	No	NRN_STREET
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Street type assigned to support the National Road Network (NRN).

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

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

ROLE_TYPE_LIST

List of valid party role types.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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ROLE_TYPE	VARCHAR2 (50)	Yes	ROLE_TYPE
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The role that an organization or an individual plays.

ROLE_TYPE_DESCR	VARCHAR2 (2000)	Yes	DESCR
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Description of Role Type.

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

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

SOURCE_LIST

A description of the source information that is the basis for creating or changing information about a geographic feature. It 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:

ORN_STREET_DIRECTION_LIST

STREET DIRECTION	OFFICIAL LANGUAGE	CPC DIRECTION CODE	NRN DIRECTION	EXPIRY DATETIME
East	ENG	E	5	
Est	FRE	E	6	
Nord Est	FRE	NE	12	
Nord Ouest	FRE	NO	10	
Nord	FRE	N	2	
North East	ENG	NE	11	
North West	ENG	NW	9	
North	ENG	N	1	
Ouest	FRE	O	8	
South East	ENG	SE	15	
South West	ENG	SW	13	
South	ENG	S	3	
Sud Est	FRE	SE	16	
Sud Ouest	FRE	SO	14	
Sud	FRE	S	4	
West	ENG	W	7	

LIO Lookup Table Values:

ORN_STREET_TYPE_LIST

STREET TYPE	STREET TYPE SHORT FORM ENGLISH	STREET TYPE SHORT FORM FRENCH	NRN STREETTYPE	EXPIRY DATETIME
Abbey	ABBEY			
Access	ACCESS			
Acres	ACRES			
Aire	AIRE			
Alley	ALLEY			
Allée		ALLÉE		
Arm	ARM			
Autoroute	AUT			
Avenue	AVE	AV		
Bank	BK			
Barrage		BRGE		
Baseline	BASELINE			
Bay	BAY			
Beach	BEACH			
Bend	BEND			
Bloc	BLOC			
Block	BLOCK			
Bluff	BLUFF			
Bottom	BTM			
Boulevard	BLVD	BOUL		
Bourg		BOURG		
Bourne	BRNE			
Branch	BRANCH			
Bridge	BRIDGE			
Brook	BROOK			
Burn	BURN			
Bush	BUSH			

Bypass	BYPASS			
Byroad	BYROAD			
Byway	BYWAY			
Camp	CAMP			
Campus	CAMPUS			
Cape	CAPE			
Carrefour		CARREF		
Carré		CAR		
Causeway	CSWY			
Centre	CTR	C		
Cercle		CERCLE		
Chart	CHART			
Chase	CHASE			
Chemin		CH		
Circle	CIR			
Circuit	CIRCT			
Cliffs	CLFS			
Close	CLOSE			
Club	CLUB			
Common	COMMON			
Concession Road	CON RD			
Concession	CONC			
Copse	COPSE			
Corner	COR			
Corners	CRNRS			
County Road	COUNTY RD			
Cour		COUR		
Course	CRSE			
Court	CRT			
Courts	CTS			
Cove	COVE			
Creek	CK			

Crescent	CRES			
Crest	CREST			
Croft	CROFT			
Croissant		CROIS		
Cross	CX			
Crossing	CROSS			
Crossroad	CROSRD			
Crossroads	CRSSRD			
Cul De Sac	CDS			
Curve	CURVE			
Cut	CUT			
Côte		CÔTE		
Dale	DALE			
Dell	DELL			
Desserte		DESSTE		
Development	DEVELP			
Diversion	DIVERS			
Downs	DOWNS			
Drive	DR			
Driveway	DRWY			
Droit De Passage		DRPASS		
Easement	EASEMT			
End	END			
Esplanade	ESPL			
Estates	ESTATE			
Expressway	EXPY			
Extension	EXTEN			
Fairway	FAWY			
Farm	FARM			
Field	FIELD			
Fields	FIELDS			
Fire Route	FR			

Forest	FOREST			
Freeway	FWY			
Front	FRONT			
Garden	GN			
Gardens	GDNS			
Gate	GATE			
Gateway	GTWY			
Glade	GLADE			
Glen	GLEN			

* Not a complete list.

LIO Lookup Table Values:

ROLE_TYPE_LIST

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

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

LIO Lookup Table Values:

SOURCE_LIST

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

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

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