

Land Information Ontario Data Description

Geographic Named Extent

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LIO Class Catalogue

Geographic Named Extent

Class Short Name: GELNAME

Version Number: 4

Class Description:

Extents/boundaries of geographic features and unincorporated places that have been officially named or which are being considered for official naming. Data set also contains geographical referencing information (type of feature or place, location coordinates, geographic township, municipal and map references) about these features, places and background information behind their official naming (name status, naming date, name origin, naming history, etc).

Abstract Class Name: SPMNTUREGION

Abstract Class

Description:

Spatial Multi-Non-Tessellating-Unconstrained Region: An object is represented by ONE or MORE polygons. Polygons MAY overlap WITHOUT any restrictions. HOLES within and GAPS between polygons ARE allowed. Example: Forest "Insect Damage Area". Mapped "Spruce Budworm" defoliated areas may overlap "Forest Tent Caterpillar" damaged areas. Likewise, mapped "Gypsy Moth" tree mortality areas may overlap mapped other "Gypsy Moth" defoliated areas from current and previous years.

Tables in LIO Class:
Geographic Named Extent

GEOGRAPHIC_NAMED_EXTENT_FT

The site and extent of the location or portion of the earth's surface to which a geographic name applies.

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.				
ENTITY_TYPE_NUM	NUMBER (4,0)	Yes	ENTITY_TYP	1, 100, 101, 102, 103, 104, ... (See GEONAME_ENTITY_TYPE_LIST table)
A code linked to the Ontario Geographic Names copy of the national table identifying feature or place type, e.g. lake = 951.				
NATIONAL_CONCISE_CODE	VARCHAR2 (10)	Yes	CONCISE_C	
The national grouping of feature types delineated in Entity Codes.				
LATITUDE_DECIMAL_DEGREES	NUMBER (10,7)	Yes	LATITUDE	
Latitude of centroid, in decimal degrees.				
LONGITUDE_DECIMAL_DEGREES	NUMBER (10,7)	Yes	LONGITUDE	
Longitude of centroid, in decimal degrees.				
LOCATION_ACCURACY	VARCHAR2 (25)	Yes	ACCURACY	Not Applicable, Over 10,000 metres, Within 1 metre, Within 10 metres, Within 10,000 metres, Within 100 metres, ... (See LOCATION_ACCURACY_LIST table)
The degree of conformity or closeness of a measurement within the database to its true value in the world.				
LOCATION_NARRATIVE	VARCHAR2 (2000)	No	LOCATION	
The location narrative is a description of a geographical feature or place. Only official names are to be used in this field, except "B2" Rescinded Names.				
FEATURE_IDENT	VARCHAR2 (32)	Yes	IDENT	
A unique, 32 length, alpha-numeric identifier used to distinguish an object.				
UTM_ZONE	NUMBER (2,0)	Yes	UTM_ZONE	

A geographic reference zone within the province. Ontario is divided into 4 UTM zones.

UTM_EASTING	NUMBER (9,3)	Yes	UTM_EAST
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The distance, in metres, from the central meridian of the zone. The central meridian receives a false easting of 500,000 metres.

UTM_NORTHING	NUMBER (10,3)	Yes	UTM_NORTH
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The distance, in metres, from the equator.

NTS_50_MAP_NUMBER	VARCHAR2 (6)	Yes	NTS_50_MAP
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A alpha-numeric code assigned to uniquely identify a grid cell at a scale of 1 : 50 000. i.e. 052G01

OBM_MAP_NUMBER	VARCHAR2 (16)	No	OBM_MAP
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Text identifier of an OBM map sheet. This is the form as it appears on OBM planimetric maps. It is concatenated as follows: ScaleThousands (2 digit) +1 blank +UTM Zone (2 digit) +1 blank + Easting (4 digit) + 1 blank + Northing (5 digits). Example: "20 16 6000 54000".

GEOGRAPHIC_TOWNSHIP_NAME	VARCHAR2 (100)	No	GEOG_TWP
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The Geographic Township in which the centroid or mouth of a named feature or place is located.

UPPER_TIER_MUNICIPALITY	VARCHAR2 (100)	No	UPPER_MUN
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The Upper Tier Municipality in which the centroid or mouth of a named feature or place is located.

LOWER_TIER_MUNICIPALITY	VARCHAR2 (100)	No	LOWER_MUN
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The Lower Tier Municipality in which the centroid or mouth of a named feature or place is located.

SINGLE_TIER_MUNICIPALITY	VARCHAR2 (100)	No	SINGLE_MUN
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The Single Tier Municipality in which the centroid of a place or area feature or the mouth of a river or creek is located.

TERRITORIAL_DISTRICT	VARCHAR2 (100)	No	TERR_DIST
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The Territorial District in which the centroid of a place or area feature or the mouth of a river or creek is located.

INDIAN_RESERVE	VARCHAR2 (100)	No	INDIAN_RES
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The Indian Reserve in which the centroid of a place or area feature or the mouth of a river or creek is located.

WATERSHED_CODE	VARCHAR2 (6)	No	WATERSHED
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Code representing the watershed in which this waterbody is located.

WATERBODY_IDENT	VARCHAR2 (13)	No	WBY_LID
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Unique waterbody identifier (ZZ-EEEE-NNNNN) based on UTM of centroid

FN2_WBY	VARCHAR2	No	FN2_WBY
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(7)

Waterbody ID from FISHNET2 app for historical reference.

VERIFICATION_STATUS_FLG	VARCHAR2 (10)	No	VERISTT_FL	Verified, Unverified
The verification status flag.				
VERIFICATION_STATUS_DATE	DATE	No	VERISTT_DT	
The date that the verification status was entered.				
SYSTEM_CALCULATED_AREA	NUMBER (16,3)	No	SYS_AREA	
The area in hectares of the area. System calculated.				
SYSTEM_CALCULATED_LENGTH	NUMBER (16,3)	No	SYS_LENGTH	
The length in meters of the object. System calculated.				
GENERAL_COMMENTS	VARCHAR2 (2000)	No	GNL_CMT	
Any additional comments.				
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.				

CLASS_DATABASE_REFERENCE

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

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER (13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
INTERNAL_EXTERNAL_FLG	VARCHAR2 (10)	Yes	INT_EXT	Internal, External
A flag indicating if the database being referenced is internal (NRVIS/LIO) or external.				
DATABASE_REFERENCE_IDENT	VARCHAR2 (50)	Yes	IDENT	
Identifier of a reference that is linked e.g. Land Use Permit Number, LIS Number, the FMF Object ID of a Concrete Class.				
CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME	
Static short name that will be used by for the concrete class.				
DATABASE_REFERENCE_DETAIL	VARCHAR2 (2000)	No	DETAIL	
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
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 Photograpy, 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
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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	Yes	EXT_REF_TY
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(60)

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.

GEONAME_ENTITY_TYPE_LIST

List of valid geographical name entity types (a.k.a. national generic codes).

Column Name	Column Type	Mandatory	Short Name	Valid Values
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ENTITY_TYPE_NUM	NUMBER (4,0)	Yes	ENTITY_TYP
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An entity or feature type code associated with the Toponymic feature.

DESCRIPTION	VARCHAR2 (100)	Yes	DESCRIPTIO
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Description

NATIONAL_CONCISE_CODE	VARCHAR2 (10)	No	FEDERAL_CO
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The federal grouping of feature types delineated in Entity Codes. Each grouping will be a Geographic Unit Type (GUT) in the Ontario spatial database.

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.

GEONAME_EXTENT_AND_FEATURE

Intersection between GEONAME_EXTENT and various other features.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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GEOGRAPHIC_NAMED_EXTENT_ID	NUMBER (13,0)	Yes	OBJECT_ID
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Foreign key to GEOGRAPHIC_NAMED_EXTENT_FT.

FEATURE_ID	NUMBER (13,0)	Yes	FEAT_OID
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FMF Object ID of the related feature

CLASS_SHORT_NAME	VARCHAR2 (8)	No	CLASS_NAME
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Static short name of the class of the related feature

PERTAINS_TO_FLG	VARCHAR2 (4)	Yes	PERTAINSTO	Full,Part
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Indicates whether the Geographic Name pertains to the full feature or to part of it.

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

GEONAME_LANGUAGE_LIST

List of valid geographical name languages.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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GEONAME_LANGUAGE	VARCHAR2 (15)	Yes	LANGUAGE
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The formally recognized dialect from which the geographic name is taken.

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.

GEONAME_STATUS_CODE_LIST

List of valid geographical name status codes.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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GEONAME_STATUS_CODE	VARCHAR2 (3)	Yes	GEONAME_ST
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A code that indicates the status of a name, e.g. A1 = Official, B1 = Unofficial.

TITLE	VARCHAR2 (100)	Yes	TITLE
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Title

DESCRIPTION	VARCHAR2 (2000)	Yes	DESCRIPTIO
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Description

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

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

LOCATION_ACCURACY_LIST

List of valid LOCATION_ACCURACYS.

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

of a measurement to the true value.

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

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

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 ad hoc report or a reference to a published or unpublished document.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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SOURCE_NAME	VARCHAR2 (100)	Yes	NAME
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The name of the source.

SOURCE_DATE	VARCHAR2 (50)	No	SRC_DATE
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The date of the source.

SOURCE_ORIGINATOR	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)

SOURCE_SCALE	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.

HORIZONTAL_DATUM	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.

VERTICAL_DATUM	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.

SOURCE_PROJECTION	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.

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.

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:
GEONAME_ENTITY_TYPE_LIST

ENTITY TYPE NUM	DESCRIPTION	NATIONAL CONCISE CODE	EXPIRY DATETIME
1	City	CITY/VIL1	
100	Hamlet (2)	UNP/LNO	
101	Village (2)	UNP/LNO	
102	Police Village	UNP/LNO	
103	Rural Village	UNP/LNO	
104	Settlement	UNP/LNO	
105	Compact Rural Community	UNP/LNO	
107	Resort	UNP/LNO	
108	Locality	UNP/LNO	
109	Lieu-dit	UNP/LNO	
11	Hamlet (1)	HAM/HAM	
110	Railway Junction	UNP/LNO	
111	Railway Point	UNP/LNO	
112	Station	UNP/LNO	
113	Post Office	UNP/LNO	
114	Landing (1)	UNP/LNO	
115	Siding	UNP/LNO	
1150	Spring	SPRG/SRCE	
1151	Springs	SPRG/SRCE	
1152	Hotspring/Hot Spring	SPRG/SRCE	
1153	Hotsprings/Hot Springs	SPRG/SRCE	
1154	Source	SPRG/SRCE	
1158	Sources	SPRG/SRCE	
116	Depot	UNP/LNO	
117	Abandoned Locality	UNP/LNO	
119	Trading Post	UNP/LNO	
12	Summer Village	VILG/VILG	

120	Fort	UNP/LNO	
1200	Canal (2)	CHAN/CHEN	
1201	Channel (3)	CHAN/CHEN	
1202	Channels	CHAN/CHEN	
1203	Narrows	CHAN/CHEN	
1204	Strait	CHAN/CHEN	
1205	Sound (1)	CHAN/CHEN	
1206	Pass (1)	CHAN/CHEN	
1207	Passage	CHAN/CHEN	
1208	Tickle	CHAN/CHEN	
1209	Opening	CHAN/CHEN	
121	Community (2)	UNP/LNO	
1210	Gut (2)	CHAN/CHEN	
1211	Straits	CHAN/CHEN	
1212	Ocean	SEA/MER	
1213	Sea	SEA/MER	
1214	Chokey	CHAN/CHEN	
1215	Dugway	CHAN/CHEN	
1216	Entrance	CHAN/CHEN	
1217	Gap (1)	CHAN/CHEN	
1218	Gulch (2)	CHAN/CHEN	
122	Dispersed Rural Community	UNP/LNO	
1220	Guzzle (2)	CHAN/CHEN	
1221	Hole (3)	CHAN/CHEN	
1222	Inlet (2)	CHAN/CHEN	
1224	Run (3)	CHAN/CHEN	
1225	Sluice	CHAN/CHEN	
1227	Way	CHAN/CHEN	
1228	Thoroughfare	CHAN/CHEN	
1229	Cut	CHAN/CHEN	
123	Hameau	UNP/LNO	
1230	Passe	CHAN/CHEN	

1231	Chenal	CHAN/CHEN	
1233	Détroit	CHAN/CHEN	
1235	Traverse	CHAN/CHEN	
1236	Creek (2)	CHAN/CHEN	
1237	Corners	CHAN/CHEN	
1239	Runs (3)	CHAN/CHEN	
124	Localité	UNP/LNO	
1240	Basin (6)	CHAN/CHEN	
1242	Bassin (1)	CHAN/CHEN	
1243	Goulet (1)	CHAN/CHEN	
1244	Gully (3)	CHAN/CHEN	
1246	Passes	CHAN/CHEN	
1248	Mer	SEA/MER	
1249	Chenaux	CHAN/CHEN	
125	Bureau de poste	UNP/LNO	
1250	Océan	SEA/MER	
126	Ville (1)	UNP/LNO	
127	Jonction	UNP/LNO	
129	Gare	UNP/LNO	
130	Bureau de poste militaire	UNP/LNO	
131	Centre de villégiature	UNP/LNO	
132	Weather Station	UNP/LNO	
133	Hutterite Colony	UNP/LNO	
1352	Rip (2)	SEAF/EMAR	
1353	Rips (2)	SEAF/EMAR	
1354	Tidal Flow	SEAF/EMAR	
1355	Tickles	SEAF/EMAR	
1356	Tittle	SEAF/EMAR	
1358	Tidal Rapids	SEAF/EMAR	
137	Colony	UNP/LNO	
139	Trailer Park	UNP/LNO	
14	Municipalité	VILG/VILG	

1400	Bay	BAY/BAIE	
1401	Road (1)	BAY/BAIE	
1402	Arm	BAY/BAIE	
1403	Fiord	BAY/BAIE	
1404	Gulf	BAY/BAIE	
1405	Harbour (1)	BAY/BAIE	
1406	Anchorage	BAY/BAIE	
1407	Cove (2)	BAY/BAIE	
1408	Coves	BAY/BAIE	

* Not a complete list.

LIO Lookup Table Values:
GEONAME_LANGUAGE_LIST

GEONAME LANGUAGE	EXPIRY DATETIME
Cayuga	
Cree	
Delaware	
English	
French	
Mohawk	
Ogoji-Cree	
Ojibwa	
Oneida	
Onondaga	
Seneca	
Tuscarora	

LIO Lookup Table Values:

GEONAME_STATUS_CODE_LIST

GEONAME STATUS CODE	TITLE	DESCRIPTION	EXPIRY DATETIME
A1	Approved	Name officially approved or established by legislation.	
A12	Primary Name	Name with another officially recognized form that is of unequal status (unlike "dual names" (A7), which are equal in status at a federal level).	
A5	Reinstatement	Re-approval of an official name that had been rescinded or deleted.	
A8	Name Change	A name which takes the place of a formerly approved name, other than a 'Change in the form of Name' (A4).	
B1	Not Name	Unapproved alternate names and cross-reference names to approved and formerly approved names, (A-status and B2-status names mostly).	
B13	Information	Toponym that will not be made official for various reasons.	
B14	Rescinded Name (Ontario)	Offensive names variant of B2	
B15	Former Official Name (Ontario)	Offensive names variant of B4	
B2	Rescinded Name	A name that has had its official recognition removed and for which a new name has not been adopted. Should a new name be adopted at this location, the B2 name will then change to B4 status.	
B4	Gazetteer Cross-reference	A name that has had its official recognition removed and for which a new name has been adopted.	
B5	Former Indian Reserve Name	An Indian Reserve name that has been changed.	
B99	CWT Primary Unofficial Name	An unofficial name used in Corporate Waterbody records.	
C1	Not Approved	A name officially recognized (with a decision date) as not to be adopted and not to be listed in gazetteers.	
C10	Toponym likely to	Toponym, which has received a favourable	

	become official	notice and will likely, be approved in the future.	
C2	Pending Investigation	A submitted name, for which a decision has been (temporarily) deferred.	
C3	Proposed Name	A name in the submission stage.	
C5	Name Requiring Dual Approval	A name approved by one names authority and waiting approval by another.	
D35	Ontario Digital Information	Information received digitally from Ontario that has not yet been processed.	
Q1	Ontario Approved Alternate Name	Name confirmed as well established, in current local or common usage, officially recommended by the OGNB and approved by the Minister of Natural Resources as "alternate" in status to an official name.	
Q2	Ontario French-text Equivalent Name	Means a translation or an adaptation into the French language of an official name, which is provided by the Provincial Referencing Unit of the Ministry of Natural Resources. These equivalents are not supported by local usage and do not require ministerial approval. They are to be used for specific purposes outlined in the policy: "Linguistic Treatment of French Geographical Names in Ontario - Principles and Procedures".	
S1	Approved Statutory name	Provincial or territorial name in the official English or French form, as approved by appropriate legislation.	
U1	Used in special circumstances - urban names	Used for urban names in Ottawa-Carleton (Ontario) only. Only the current name will be given a U1 coding. Older names, former names, and variants will have C4 status.	
U2	Used in special circumstances - parks and related entities	Used for parks or related entities for which the legislation information may not be easily or readily available. The names, however, are in good standing. These entities are not, usually, under the jurisdiction of a provincial or territorial names authority. Includes certain federal records. A complete list of such names may not be available. Only the "current" name will be given a U2 coding. Older names and variants will have C4 status.	
U3	Used in special circumstances - conservation areas	Used for conservation areas (in Ontario, for now) that have appeared on maps in the past. These entities are not, usually, under the jurisdiction of a provincial or territorial names authority. A complete list of such names may not be available. Only the "current" name will be given a U3 coding. Older names and variants will have C4 status.	

U4	Used in special circumstances-corporate/legal names of populated places	Full legal name of an incorporated place, e.g., The Corporation of the City of Kawartha Lakes.	
W1	Approved International Waters Name (adjacent to Canada)	The name of a water body adjacent to the Canadian coast; in English or in French; excluding pan-Canadian names; not approved by any particular jurisdiction; and in keeping with CPCGN "Guidelines for names Outside Canada for Official Canadian Use", 1982 (principles and Procedures for Geographical naming 1990, Appendix 1).	
A10	Official Toponym in Quebec	Official toponym that has already been published or will be published in the Gazette officielle du Quebec.	2007-04-23
A9	"Approved" Name (Quebec region 29)	Name listed in the 1978 Repertoire toponymique du Quebec or the Gazette officielle du Quebec of 1978 or from earlier Secretariat records. Used for historical information only.	2007-04-23
B12	Other Cross-reference (Quebec)	Cross-reference to an official toponym but will not be published in the Gazette officielle du Quebec	2007-04-23
B9	Not Name (Quebec region 29)	Name listed as a cross-reference name in the 1978 Repertoire toponymique du Quebec or the Gazette officielle du Quebec of 1978 or in earlier Secretariat records. Used for historical information only.	2007-04-23
C11	Toponym newly recorded in TOPOS	New toponym, never before record in TOPOS, CTQ's database. It will obtain another status after study.	2007-04-23
C9	Further Investigation (Quebec region 29)	A name that is listed as formerly approved. Used for historical information only.	2007-04-23
Q3	Ontario Approved Indigenous Alternate Name	See Q1 definition - To date, Ontario has no Q3 status names.	2007-04-23

LIO Lookup Table Values:
LOCATION_ACCURACY_LIST

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

LIO Lookup Table Values:

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