

Land Information Ontario Data Description

Bait Harvest Area

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LIO Class Catalogue

Bait Harvest Area

Class Short Name: BAITHARV

Version Number: 4

Class Description:

The bait resource in much of the province is allocated to harvesters through the exclusive use block system (one harvester per bait harvest area) with block sizes generally much larger in the north than in the south. There are exceptions to the block system (e.g. Lake Erie), where the resource is allocated to multiple users fishing the same area.

Abstract Class Name: SPMNTCREGION

Abstract Class

Description:

Spatial Multi-Non-Tessellating-Constrained-Region: An object is represented by ONE or MORE polygons. Polygons MAY overlap ONLY when their respective Geographic Unit Types are different. HOLES within and GAPS between polygons ARE allowed. Example: "Areas of Natural and Scientific Interest" (ANSI). An "Earth Science" ANSI may overlap a "Life Science" ANSI, but Earth Science ANSIs are not permitted to overlap one another.

Tables in LIO Class:

Bait Harvest Area

BAIT_HARVEST_AREA_FT

A geographic area defined for the licencing of bait harvesting.

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.				
BHA_NUMBER	VARCHAR2 (10)	Yes	BHA_NUMBER	
A number assigned to a Bait Harvest Area.				
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_DESCR	VARCHAR2 (2000)	No	LOC_DES	
Description of the area or directions on how to get to the site.				
GEOG_UNIT_DESCR	VARCHAR2 (2000)	No	GUNT_DES	
Detailed description of the Geographic Unit.				
VERIFICATION_STATUS_FLG	VARCHAR2 (10)	No	VERISTT_FL	
An indication as to whether a qualified employee has verified the existence of the geographic unit.				
VERIFICATION_STATUS_DATE	DATE	No	VERISTT_DT	
Date that the geographic unit was verified/validated.				
BUSINESS_EFF_DATE_FLG	VARCHAR2 (10)	No	BUSEFFDTFL	
Indication of whether the business effective date is an actual or estimated value.				
BUSINESS_EFFECTIVE_DATE	DATE	No	BUS_EFF_DT	
Date that the record becomes effective in relation to the business i.e. the date MNR became aware of its existence.				
BUSINESS_EXPIRY_DATE	DATE	No	BUS_EXP_DT	

A date indicating when the record was determined to be invalid.

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

SYSTEM_CALCULATED_LENGTH	NUMBER (16,3)	No	SYS_LENGTH
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The perimeter of a polygon or length of a line measured in metres.

USER_CALCULATED_METRIC	NUMBER (16,3)	No	USER_CALC
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The length, perimeter or area of an object in metres or square metres as measured or provided by the user.

GENERAL_COMMENTS	VARCHAR2 (2000)	No	GNL_CMT
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General comments.

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

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

BAIT_ANNUAL_EXPORT

The annual amount of bait that was exported.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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BAIT_LICENCE_ID	NUMBER (13,0)	Yes	BT_LIC_OID	
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Foreign key to BAIT LICENCE

EXPORT_YEAR	NUMBER (4,0)	Yes	EXP_YEAR	
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The year that the bait export summary details are associated to.

BAIT_TYPE	VARCHAR2 (20)	Yes	BAIT_TYPE	Bait-fish, Emerald Shiners, Lake Herring, Leeches (See BAIT_TYPE_LIST table)
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This field identifies the specific type of bait e.g. Bait-fish, Emerald Shiners, Lake Herring, Leeches.

EXPORT_QUANTITY	NUMBER (10,2)	Yes	EXP_QUAN	
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This is the quantity of a specific bait type exported during the year measured in pounds, dozens or gallons. The unit of measure applicable to the value stored in this field is identified in the UNIT_OF_MEASURE field.

UNIT_OF_MEASURE	VARCHAR2 (10)	Yes	UNT_MSR	
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The Unit of Measure used to quantify the bait export quantity measured in dozens, gallons or

pounds.

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

BAIT_ANNUAL_HARVEST

Harvesting activity that occurs in a particular year.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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BAIT_LICENCE_ID	NUMBER (13,0)	Yes	BT_LIC_OID	
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Foreign key to BAIT LICENCE

BAIT_HARVEST_AREA_ID	NUMBER (13,0)	Yes	BHA_OID	
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FMF_OBJECT_ID of associated parent BAIT HARVEST AREA feature.

HARVEST_YEAR	NUMBER (4,0)	Yes	HARV_YEAR	
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The Year applicable to the bait harvest summary details.

BAIT_TYPE	VARCHAR2 (20)	Yes	BAIT_TYPE	Bait-fish, Emerald Shiners, Lake Herring, Leeches (See BAIT_TYPE_LIST table)
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This field identifies the specific type of bait e.g. Bait-fish, Emerald Shiners, Lake Herring, Leeches.

HARVEST_QUANTITY	NUMBER (10,2)	Yes	HARV_QUAN	
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This is the quantity of a specific bait type harvested during the year measured in pounds, dozens or gallons. The unit of measure applicable to the value stored in this field is identified in the UNIT_OF_MEASURE field.

UNIT_OF_MEASURE	VARCHAR2 (10)	Yes	UNT_MSR	
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The Unit of Measure used to quantify the bait harvest quantity measured in dozens, gallons or pounds.

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

BAIT_AUDIT_CHECK

An inspection to determine if the appropriate regulations are being met.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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BAIT_FEATURE_ID	NUMBER (13,0)	Yes	BTFEAT_OID	
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The FMF_OBJECT_ID of the BAIT HARVEST AREA feature that the Bait Audit Check is associated to.

INSPECTION_DATE	VARCHAR2 (11)	Yes	INSP_DT
Date of the most recent inspection e.g. 24 June, 1998; June 1998; 1998.			
CLASS_SHORT_NAME	VARCHAR2 (8)	Yes	CLASS_NAME
System-generated column denoting the concrete class which this record is part of.			
INSPECTION_RESULTS	VARCHAR2 (2000)	Yes	INSP_REL
Details regarding the inspection.			
CAVRS_IDENT	VARCHAR2 (20)	No	CAVRS_IDT
Points to the corresponding compliance check record in the CAVRS database.			
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
Date/time the record was created or last modified in the source database.			

BAIT_HARVEST_AREA_STATUS

Tracks if a Bait Harvest Area has been occupied (i.e. used for harvesting) over a period of time.

Column Name	Column Type	Mandatory	Short Name	Valid Values
BAIT_HARVEST_AREA_ID	NUMBER (13,0)	Yes	BHA_OID	
System generated identifier, unique at the application level.				
STATUS_YEAR	NUMBER (4,0)	Yes	STAT_YEAR	
The year that the Bait Harvest Area Status details are associated to.				
OCCUPATION_STATE	VARCHAR2 (10)	Yes	OCCUP_STAT	Occupied,Vacant
Identifies if the Bait Harvest Area is currently being used by a licence harvester (occupied) or does not have a licenced harvester attached to it (vacant).				
USAGE_TYPE	VARCHAR2 (20)	Yes	USG_TYPE	Exclusive Use,Multiple Use
Identifies if the Bait Harvest Area is classed as exclusive use or multiple use. When a BHA has only one licenced harvester, this is known as exclusive use. If a BHA has more than one licenced harvester, then it is known as multiple use.				
HARVEST_IND	VARCHAR2 (3)	Yes	HARV_IND	Yes,No
Indicates if the Bait Harvest Area has been used for harvesting in the current year.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				

BAIT_LICENCE

Authorization to either harvest and/or deal in bait.

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.				
LICENCE_TYPE_FLG	VARCHAR2 (10)	Yes	LIC_TYPE	Harvester, Dealer
The type of bait licence issued to the applicant, whether as a Harvester or Dealer.				
LICENCE_NUMBER	VARCHAR2 (10)	Yes	LIC_NUM	
The licence number assigned to the person who has rights to harvest and/or deal bait.				
LICENCE_NUMBER_PROV	VARCHAR2 (10)	Yes	LIC_NUM_PR	
The provincial licence number assigned to the person who has rights to harvest and/or deal bait.				
LICENCE_CONDITIONS	VARCHAR2 (2000)	No	LIC_COND	
Identifies any limits or qualifiers that may be attached to a licence.				
LICENCE_FEE	VARCHAR2 (10)	No	LIC_FEE	
The amount of money collected for a specific licence.				
REVENUE_CODE	VARCHAR2 (20)	Yes	REVENUE_C	
The general ledger revenue code to which the licensing fee is assigned.				
LICENCE_EFFECTIVE_DATE	DATE	Yes	LIC_EFF_DT	
The date when the licence becomes effective.				
LICENCE_ISSUED_DATE	DATE	Yes	LIC_ISS_DT	
Date the licence was issued.				
ISSUING_DISTRICT	VARCHAR2 (50)	Yes	ISSU_DIST	
The Ministry of Natural Resources district which issued the licence. The licence may be issued by a district other than where the BHA is located in.				
RECEIPT_NUMBER	VARCHAR2 (25)	No	RECEIPT_NM	
The identification number on the receipt provided to the purchaser of the licence.				
HARVESTER_TYPE_FLG	VARCHAR2 (10)	No	HARV_TYPE	Regular, Tourist
Identifies whether the licenced harvester is a Regular or Tourist to the operation.				
HARVEST_BAIFISH_IND	VARCHAR2 (3)	No	BAIFISH	Yes,No

Indicates whether this licence allows the harvesting of baitfish.

HARVEST_LEECHES_IND	VARCHAR2 (3)	No	LEECHES	Yes,No
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Indicates whether this licence allows the harvesting of leeches.

DEALER_TYPE_FLG	VARCHAR2 (10)	No	DLR_TP_FLG	Regular, Tourist
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Identifies whether the licenced bait dealer is a Regular or Tourist to the operation.

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

BAIT_LICENCE_AND_AREA

Intersect Table between BAIT HARVEST AREA and BAIT LICENCE.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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BAIT_LICENCE_ID	NUMBER (13,0)	Yes	BT_LIC_OID	
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Foreign key to BAIT LICENCE

BAIT_HARVEST_AREA_ID	NUMBER (13,0)	Yes	BHA_OID	
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FMF_OBJECT_ID of associated parent BAIT HARVEST AREA feature.

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

BAIT_LICENCE_HARVEST_GEAR

Equipment used by a licenced person to capture bait. For example: trap, seine, etc.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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BAIT_LICENCE_ID	NUMBER (13,0)	Yes	BT_LIC_OID	
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Foreign key to the parent BAIT_LICENCE record FMF_OBJECT_ID

BAIT_HARVEST_GEAR_TYPE	VARCHAR2 (20)	Yes	TYPE	
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Identifies the type of fishing gear used to harvest bait e.g. trap, seine etc.

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

BAIT_MONTHLY_SALES

The activity, either harvesting and/or sales, that occurs in a given month.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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BAIT_LICENCE_ID	NUMBER (13,0)	Yes	BT_LIC_OID	
Foreign key to the parent BAIT_LICENCE record FMF_OBJECT_ID				
SALES_YEAR	NUMBER (4,0)	Yes	SALES_YEAR	
The year that the Bait Monthly Sales summary pertains to.				
SALES_MONTH	VARCHAR2 (15)	Yes	SALES_MNTH	
The month that the Bait Monthly Sales summary pertains to.				
BAIT_TYPE	VARCHAR2 (20)	Yes	BAIT_TYPE	Bait-fish, Emerald Shiners, Lake Herring, Leeches (See BAIT_TYPE_LIST table)
This field identifies the specific type of bait e.g. Bait-fish, Emerald Shiners, Lake Herring, Leeches.				
SALES_QUANTITY	NUMBER (10,2)	Yes	SALES_QUAN	
This is the quantity of a specific bait type sold during the year measured in pounds, dozens or gallons. The unit of measure applicable to the value stored in this field is identified in the UNIT_OF_MEASURE field.				
UNIT_OF_MEASURE	VARCHAR2 (10)	Yes	UNT_MSR	
The Unit of Measure used to quantify the bait sales quantity measured in dozens, gallons or pounds.				
DOLLAR_VALUE	NUMBER (10,2)	No	DOLLAR_VAL	
The dollar value (CAD) generated from sales for a specific month and bait type.				
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				

BAIT_TYPE_LIST

This Lookup Table stores the permissible values for bait types e.g. Bait-fish, Emerald Shiners, Lake Herring, Leeches.

Column Name	Column Type	Mandatory	Short Name	Valid Values
BAIT_TYPE	VARCHAR2 (20)	Yes	BAIT_TYPE	
This field identifies the specific type of bait e.g. Bait-fish, Emerald Shiners, Lake Herring, Leeches.				
WILD_LIFE_ID	NUMBER (38,0)	No	WILDLIFEID	
An ID pointing to a corporate list of taxa.				
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.

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
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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
OGF_ID	NUMBER	Yes	OGF_ID	

(13,0)

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

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

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

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

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

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

EXTERNAL_REF_TYPE_LIST

List of valid EXTERNAL_REFERENCE_TYPE codes.

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

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

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

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

LOCATION_ACCURACY_LIST

List of valid LOCATION_ACCURACYs.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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LOCATION_ACCURACY	VARCHAR2	Yes	ACCURACY
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(25)

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:

BAIT_TYPE_LIST

BAIT TYPE	WILD LIFE ID	EXPIRY DATETIME
Bait-fish		
Emerald Shiners		
Lake Herring		
Leeches		

LIO Lookup Table Values:

EXTERNAL_REF_TYPE_LIST

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

LIO Lookup Table Values:

LOCATION_ACCURACY_LIST

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

LIO Lookup Table Values:

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