

Land Information Ontario Data Description

Niagara Escarpment Plan Designation

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LIO Class Catalogue

Niagara Escarpment Plan Designation

Class Short Name: NEPLNDES

Version Number: 1

Class Description:

The Niagara Escarpment Plan designations are comprised of seven land use designations explaining how land shall be used throughout the area of the Niagara Escarpment Plan. The seven land use designations are as follows: Escarpment Natural Area, Escarpment Protection Area, Escarpment Rural Area, Minor Urban Centre, Urban Area, Escarpment Recreation Area and Mineral Resource Extraction Area. The land use designations represent the internal boundaries within the Niagara Escarpment Plan. These internal boundaries are not intended to be site-specific and should not be used for accurate measurements. The exact delineation of designation boundaries on specific sites will be done by the implementing body through the application of the designation criteria as outlined in Part 1 of the Niagara Escarpment Plan, utilizing the most detailed or up-to-date information available and site inspection.

Abstract Class Name: SPMNTPOLY

Abstract Class

Description:

Spatial Multi-Non-Tessellating-Polygon: An object is represented by ONE or MORE polygons. Polygons may NOT overlap. HOLES within and GAPS between polygons ARE allowed. Example: the St. Lawrence Islands National Park, where the Park itself is made up of many islands.

Tables in LIO Class:
Niagara Escarpment Plan Designation

NE_PLAN_DESIGNATION_FT

The Niagara Escarpment Plan designations are comprised of seven land use designations explaining how land shall be used throughout the area of the Niagara Escarpment Plan. The seven land use designations are as follows: Escarpment Natural Area, Escarpment Protection Area, Escarpment Rural Area, Minor Urban Centre, Urban Area, Escarpment Recreation Area and Mineral Resource Extraction Area. The land use designations represent the internal boundaries within the Niagara Escarpment Plan. These internal boundaries are not intended to be site-specific and should not be used for accurate measurements. The exact delineation of designation boundaries on specific sites will be done by the implementing body through the application of the designation criteria as outlined in Part 1 of the Niagara Escarpment Plan, utilizing the most detailed or up-to-date information available and site inspection.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|---|--------------|-----------|------------|--|
| OGF_ID | NUMBER(13,0) | Yes | OGF_ID | |
| Ontario Geospatial Feature (OGF) system generated identifier, unique at the application level. | | | | |
| DESIGNATION | VARCHAR2(20) | Yes | DESIG | Escarpment Natural Area, Escarpment Protection Area, Escarpment Rural Area, Minor Urban Centre, Urban Area, Escarpment Recreation Area, Mineral Resource Extraction Area |
| The land use designation within the boundary of the Niagara Escarpment Plan used to explain how land shall be used. | | | | |
| 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) |
| Name of location accuracy. | | | | |
| GEOMETRY_UPDATE_DATETIME | DATE | No | GEO_UPT_DT | |
| Date/time the geometry was created or last modified in the source database. | | | | |
| EFFECTIVE_DATETIME | DATE | Yes | EFF_DATE | |
| Date/time that the record was create or last modified in the source database. | | | | |
| SHAPE | SDO_GEOMETRY | No | SHAPE | |
| Spatial Data Option (SDO) Geometry object. | | | | |

CLASS_JUSTIFICATION

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

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

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

A unique numeric provincial identifier assigned to each object.

| | | | |
|-----------------------------|--------------------|-----|--------|
| JUSTIFICATION_REASON | VARCHAR2 (2000) | Yes | REASON |
|-----------------------------|--------------------|-----|--------|

Reason for justification of the existence of a geographic feature.

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

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

| | | | |
|---------------------------|------|-----|-----------|
| JUSTIFICATION_DATE | DATE | Yes | JUSTIF_DT |
|---------------------------|------|-----|-----------|

Date that the geographic feature was justified.

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

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

CLASS_SOURCE

Intersection table between the data class and Source List table.

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

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

A unique numeric provincial identifier assigned to each object.

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

The name of the source.

| | | | |
|----------------------|-------------------|-----|------------|
| SOURCE_DETAIL | VARCHAR2 (254) | Yes | SOURCE_DET |
|----------------------|-------------------|-----|------------|

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

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

Unique abbreviation of the concrete class name (primary key)

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

Text providing details about the source.

| | | | |
|---------------------|--------------------|----|--------|
| METHOD_DESCR | VARCHAR2 (2000) | No | METHOD |
|---------------------|--------------------|----|--------|

The type of method, tools, and techniques used in observing/collecting/recording the Source. It may also include a URL where users could get further information on the method used.

SOURCE_APPLICABILITY VARCHAR2 No APPLICABIL
(20)

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.

LOCATION_ACCURACY_LIST

List of valid LOCATION_ACCURACYs.

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

| | | | | |
|--------------------------|------------------|-----|----------|--|
| LOCATION_ACCURACY | VARCHAR2 (25) | Yes | ACCURACY | |
|--------------------------|------------------|-----|----------|--|

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

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:
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 |