

Land Information Ontario Data Description

Contour

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LIO Class Catalogue

Contour

Class Short Name: CONTOUR

Version Number: 3

Class Description:

Linear segments that connect contiguous points of the same elevation that are compiled and used to describe terrain relief. Includes: Contour Land Contour Land Approximate Contour Land Auxilliary/Interpolated Contour Land Depression

Abstract Class Name: SPSLINE

Abstract Class

Description:

Spatial Single-Line: An object is represented by ONE and ONLY ONE line segment. Line segments MUST be continuous. Examples: geological fault lines, roads at a 1: 600,000 scale.

Tables in LIO Class:

Contour

CONTOUR_FT

A continuous line formed of vertices located at a constant elevation from mean sea level (MSL). It is used for a description of the terrain relief.

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.				
ELEVATION	NUMBER(11,1)	Yes	ELEVATION	
Amount in metres that a geographic entity is above mean sea level.				
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.				
SOURCE_SCALE	VARCHAR2(15)	No	SRCE_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.				
CREATION_METHODODOLOGY	VARCHAR2(30)	No	METHODOL	
The method used to generate the lines for contours. For example, contours could be generated using a digital terrain model or digitized from hard copy maps.				
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.				

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