

Land Information Ontario Data Description

UTM 5km Grid

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LIO Class Catalogue

UTM 5KM Grid

Class Short Name: UTM5KM

Version Number: 1

Class Description:

A 5km x 5km UTM grid that is a standard reference index for Ontario. This grid is generated from corner points, covers the province of Ontario and is intended for general use.

Abstract Class Name: SPSTPOLY

Abstract Class

Description:

Spatial Single-Tessellating-Polygon: An object is represented by ONE and ONLY ONE polygon. Polygons may NOT overlap. ALL features in the data class MUST be classified, meaning that HOLES, GAPS or OVERLAPS are NOT allowed. Example: "Provincial Riding", where all areas of Ontario are divided into electoral ridings.

Tables in LIO Class:

UTM 5KM Grid

UTM_5KM_GRID_FT

A 5km x 5km Universal Transverse Mercator (UTM) grid that is a standard reference index for Ontario. This grid is generated from corner points, covers the Province of Ontario and is intended for general use.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER(13,0)	Yes	OGF_ID	
System generated identifier, unique at the application level.				
UTM_ZONE	NUMBER(2,0)	Yes	UTM_ZONE	15, 16, 17, 1
A geographic reference zone within the province. The Earth is divided into 60 UTM zones running west to east from the Central Median in 6 degree longitudinal strips extending from 80 degrees South latitude to 84 degrees North latitude. In Ontario the 4 zones are 15, 16, 17 and 18.				
EASTING_LOWER_LEFT_CORNER	NUMBER(6,0)	Yes	EASTING	
The UTM NAD83 X-coordinate or Easting in the lower left corner of a full grid square.				
NORTHING_LOWER_LEFT_CORNER	NUMBER(7,0)	Yes	NORTHING	
The UTM NAD83 Y-coordinate or Northing in the lower left corner of a full grid square.				
OBM_MAPSHEET_NUMBER	VARCHAR2(13)	Yes	OBM_MAP	
Identification number of a UTM Mapsheet. This code is comprised the first 2 digits of the scale (e.g. 10 = 1:10,000), the UTM zone number, the first four digits of the UTM Easting, and the first five digits of the UTM Northing. (e.g. 1017610051100)				
PROVINCIAL_IND	VARCHAR2(3)	Yes	PROVINCIAL	Yes, No
Indication of a grid cell contained in whole or in part within the jurisdictional boundary of the province of Ontario.				
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 the record was created or last modified in the source database.				
SHAPE	SDO_GEOMETRY	No	SHAPE	
Geometry attribute.				