

MAPdata Layer name and Attribute Codes

This document describes the shapefile layers contained for each province or territory as well as their attribute structure.:

Data layer: **airports**

Data description: Point layer containing airport locations

Columns:

DESCRIPTION - Class of airport

CODE - Airport code

NAME - Name of airport

NUM - Airport number

USAGE - Airport usage type (ie. Civilian/Public, Military)

Data layer: **boundary**

Data description: Polygon layer containing Province & Territory boundary

Columns:

PRUID - Province unique identifier

PRNAME - Province or territory name

PRENAME - Province or territory name in English

PRFNAME - Province or territory name in French

PREABBR - Province or territory name abbreviation in English

PRFABBR - Province or territory name abbreviation in French

Data layer: **places**

Data description: Point layer containing town, village and city locations

Columns:

REGIONNAME - Name of region in which the populated place is located

GEONAME - Populated place name

CGNDBKEY - Canadian Geographical Names Data Base Key

The CGNDB Key is a five digit alphabetical sequence code assigned to each record in the CGNDB. The first letter of the CGNDB Key indicates the region in which the feature is located.

GENERIC - The Generic Term is used to describe the classification for a feature or place. Domain values are identified in Appendix B – List of Generic Codes and Terms, CGNS Data Model and Data Dictionary.

CONCISE - The Concise Term is used to group generics, according to the type of feature. Domain values are identified in Appendix A – List of Concise Codes and Terms, CGNS Data Model and Data Dictionary.

NTSMAP - National Topographic map number

Data layer: **roads**

Data description: Line layer containing roads

Columns:

NGD_ID - Unique identifier of the arc. – National Geographic Database ID

CLASS - A two or three character code that identifies the different types of road features

UTR Utility roads (not addressable), low speed roads to provide access to property

CON Connector roads (not addressable), roadways providing for controlled movement between two or more roadways

UR Unclassified roads

ST Streets, low speed roads dedicated to provide full access to the front of properties

HI Highways, high speed usually with no property or direct access

BT Bridges and tunnels (not addressable)

NAME - Street name associated with the arc

TYPE - Street type associated with the arc

DIRECTION - Street direction associated with the arc

ADDR_FM_LE - The civic address found on the left-hand side of the arc at the FROM node

ADDR_TO_LE - The civic address found on the left-hand side of the arc at the TO node

ADDR_FM_RG - The civic address found on the right-hand side of the arc at the FROM node

ADDR_TO_RG - The civic address found on the right-hand side of the arc at the TO node

FULL_NAME – Combines the Name, Type and Direction columns to form the full name of the road

Data layer: **roads-j**

Data description: Line layer containing joined/polylined roads

Columns:

FULL_NAME – Combines the Name, Type and Direction columns to form the full name of the road

Data layer: **rail**

Data type: Line layer containing rail lines

Columns:

RAIL_ID – Unique identifier of the arc.

OWNER – Current owner and operator of the rail line

Data layer: **utilities**

Data description: Line layer containing utilities such as power transmission lines and major pipelines

Columns:

DESCRIPTIO - Description of utility

UTILFCODE - Utility code

PIPEFCODE - Pipeline code

PIPELOC - Pipeline location (above or below ground)

Data layer: **water**

Data description: Polygon layer containing lakes and major tributaries

Columns:

HYDROUID – Uniquely identifies a water feature

NAME - Name of water body

TYPE - Type of water body

RANK - Feature rank

PRUID - Province unique identifier



Avenza Systems Inc.

124 Merton Street, Suite 400

Toronto, Ontario, Canada M4S 2Z2

phone: 416-487-5116 toll free: 800-884-2555

fax: 416-487-7213 email: info@avenza.com

web: <http://www.avenza.com>