Postal Code Boundaries Canada

V2.0

Contents

Document Control
The information below describes the changes made to this document for each version.

V1.0	11 July 2008	Initial Release
V1.1	4 May 2010	With/Without Water Holes definitions were updated
V1.2	18 February 2011	Added clarification regarding the display of boundaries, that there are no void areas in the product. Also, specified the full coverage of product for all Provinces and Territories of Canada.
V1.3	20 July 2011	Added new File Geodatabase (GDB) format
V1.4	23 April 2012	Updated file format for FSA layers
V1.5	23 July 2012	Added sample screen shots of data layers
V1.6	25 January 2013	Updated schema/file layout for data
V1.7	3 October 2014	Area is in Square Kilometres not Miles
V1.8	14 September 2014	Points attribute change from NTLink_ID to Link_ID. Updated file names year and quarter to DVN
V1.9	4 March 2016	High Definition Postal Polygon layer and a High Definition Points layer have been added. See below for schema details.
V2.0	5 May 2017	Clarification on Character Set Encoding

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Introduction

Purpose
The Postal Code Boundaries Canada document is intended to be used in conjunction with the HERE NAVSTREETS product guide. The attribution described in this document is limited to the layers provided for the Postal Code Boundaries Canada product.

Audience
This document is intended for use by HERE staff and current licensees of HERE.

Technical Description

The product includes three distinct versions of the 3-digit postal codes (FSA codes) boundaries. These can be utilised with other HERE Map data for enhanced study. See Table 1 and 2 below for attributes.

a) <u>With water holes</u>- This version will represent polygonal water features as holes in the postal code polygons if the features are greater than 5 square kilometres. Note: all the water features on coastlines (ocean and lake) will be kept for added detail (feature types that are affected; oceans, bays, etc.). This is called an "un-generalized" UNGEN version.
b) <u>Without water holes</u>- This version will represent postal code polygons as a spanning set that limits the representation for polygonal water features or "water holes". Water holes will exist for only the Great Lakes and eight large lakes. This is called a "generalized" GEN and "high definition" HD versions. As a change from previous releases the coastline water features have now been generalized to lessen the impact on loading.

The Postal Code Boundaries Canada product does not have void areas in postal coverage, even if such non-delivery areas exist (such as a remote mountainous area). This is by design, for aesthetic purposes and to ensure that a postal code is assigned to all geographic areas.

Coverage

The Postal Code Boundaries Canada product covers the 10 Provinces and 3 Territories of Canada

Character Set

Windows Latin-1 ANSI (Windows-1252)

The data is delivered in the following formats:

FSA Layers
Polygon Shapefiles or TAB files "without water holes" (See Figure 1 below)
▪ Layer format: CAN_DVN_PCB_PLY_GEN and CAN_DVN_PCB_PLY_HD
▪ The Polygon file for postal code polygons is delivered as a single merged layer for
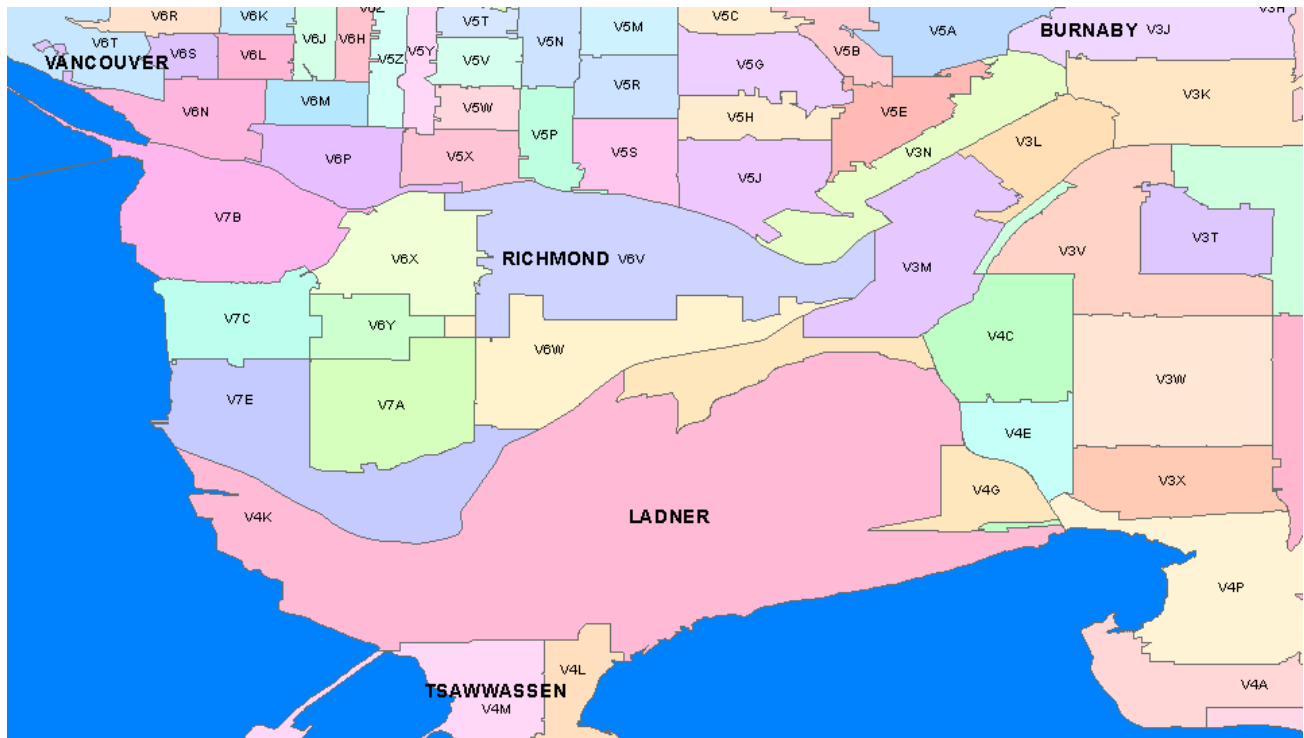national coverage.

Figure 1- sample view of generalized version, without water holes

Polygon Shapefiles or TAB Files "with water holes" (See Figure 2 below)

- Layer format: CAN_DVN_PCB_PLY_UNGEN
- The Polygon file for postal code polygons is delivered as a single merged layer for national coverage.

Figure 2- sample view of un-generalized version, with water holes

Point Shapefiles or TAB Files (See Figure 3 below)
- Layer format: CAN_DVN_PCB_PTS and CAN_DVN_PCB_PTS_HD
- The Points file for postal code point references is delivered as a single merged layer for national coverage.
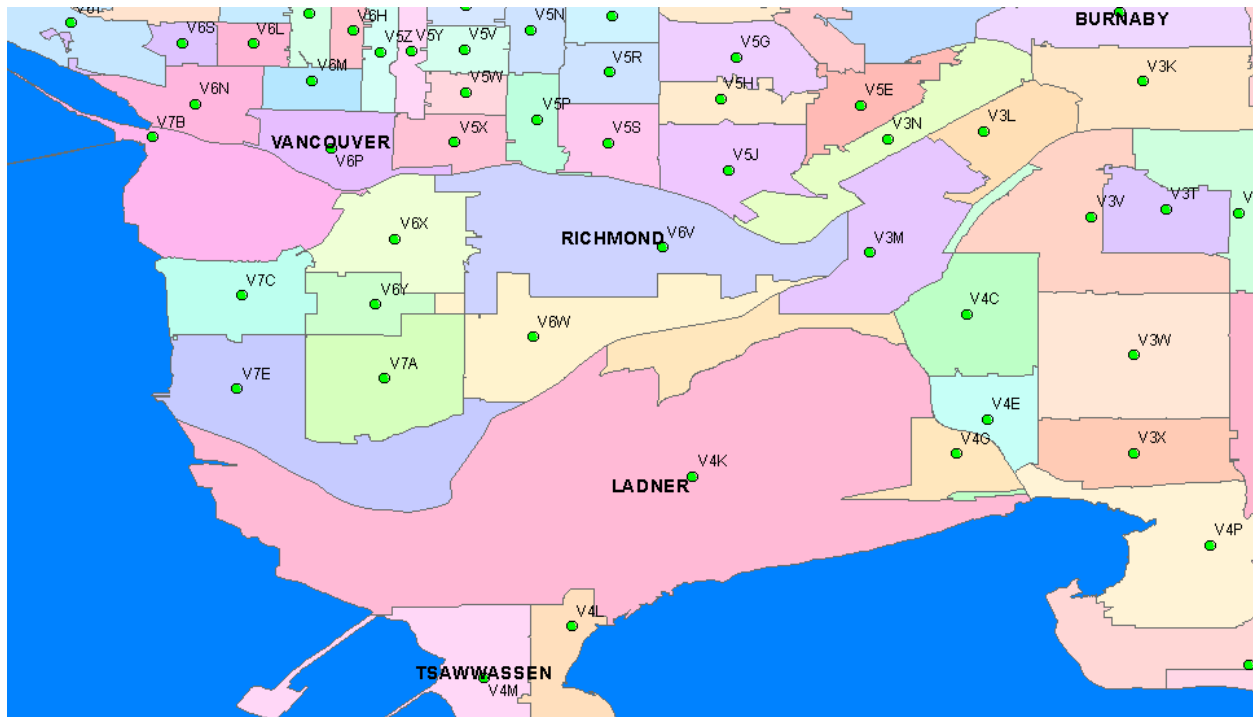

Figure 3- sample view of FSA boundary centroid (points) layer, in British Columbia

Data is also delivered in File Geodatabase (.GDB) format
- File format: PostalCodeBoundaries.gdb

Attribute Specification

FSA Boundary layer:

Column	Description
POSTCODE	FSA Postal Code
ISO_CTRY	Country- abbreviation
ADMIN1	Country
ADMIN2	Province
ADMIN3	County
ADMIN4	Municipality
ADMIN5	Settlement
PRV_ABRV	Province Abbreviation
PRUID	Province Unique Identifier
MUNI	Municipality
AREA	Area in Square Kilometres

FSA Boundary Centroid Points layer:

Column	Description
POSTCODE	FSA Postal Code
ISO_CTRY	Country- abbreviation
ADMIN1	Country
ADMIN2	Province
ADMIN3	County
ADMIN4	Municipality
ADMIN5	Settlement
PRV_ABRV	Province Abbreviation
PRUID	Province Unique Identifier
ACCURACY	S= Street level accuracy T= Town centroid accuracy PC= Polygon centroid accuracy- from FSA boundary CS= Division, Province centroid accuracy
ENC_PC	Enclosing FSA boundary
Link_ID	Link ID to the nearest street feature

Revision History

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