



# **Canadian Geopolitical Boundaries, Level 1 Metadata Specifications**

**Edition 1.1.1**

**2011-04-15**

**Natural Resources Canada  
Earth Sciences Sector  
Geomatics Canada  
Surveyor General Branch  
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URL: <http://www.geobase.ca>

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**REVISION HISTORY**

<b>Date</b>	<b>Version</b>	<b>Description</b>
2002-11-21	0.3	First draft
2002-11-30	0.5	Second draft
2002-12-13	0.6	Version to be completed by partners
2003-01-30	0.7	Updated lineage information for Yukon Territory Boundary
2003-03-31	1.0	Final version
2004-05-28	1.1	Corrections to the content, to spelling and to the text format
2011-04-15	1.1.1	Updated dates and point of contact information

**FUTURE WORK**

<b>Key-word</b>	<b>Description</b>

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# 1. Collection Level Metadata (FGDC GeoProfile Format 1994)

## Identification Information

### Citation:

#### Citation Information:

**Originator:** Government of Canada, Natural Resources Canada, Earth Sciences Sector, Geomatics Canada, Surveyor General Branch

**Title:** Canadian Geopolitical Boundaries, Level 1 (CGB1)

**Geospatial Data Presentation Form:** Vector digital data

#### Publication Information:

**Publication Place:** Ottawa, Ontario, Canada

**Publisher:** Government of Canada, Natural Resources Canada, Earth Sciences Sector, Geomatics Canada, Surveyor General Branch

**Online Linkage:** <http://www.geobase.ca>

## Description:

### Description:

This dataset is one of the GeoBase series of products. It contains current International, Economic Exclusion Zone and inter-provincial / territorial boundaries of Canada, plus the corresponding geopolitical areas.

The dataset contains three files: an administrative boundary file, an administrative areas file and a metadata file.

The administrative boundary file contains non-overlapping, topologically correct (connected) simple features, with no overshoots and undershoots. An administrative boundary is a line that bounds two adjacent administrative areas. In the dataset, an administrative boundary may be split into several smaller segments, due to changes in attribute information.

The administrative areas file contains adjacent (contiguous) polygons. The polygon boundaries exactly align with the corresponding features in the administrative boundary file.

The delivery format for this dataset can be either GML ASCII or ESRI Shape file.

### Purpose:

It should be used for cartographic purposes only, not for legal purposes.

### Supplemental Information:

*DIF Entry\_ID:<DIF\_Entry\_ID> (To be identified by GeoConnections Discovery Portal)*

*IDN\_Node:<IDN\_Node> (To be identified by GeoConnections Discovery Portal)*

*orgid=<orgid> (To be identified by GeoConnections Discovery Portal)*

*lang=eng*

*portal\_GeoBase=Framework Data; <geobase\_layer\_identifier> (GeoBase Layer Name); <geobase\_resolution\_identifier> (0:National; 1:Regional); <geobase\_integration\_level> (1:Spatial Reference System; 2:Scales of Data Theme; 3:Geometric Identifier 4:Unique geometry)*

*status\_progress\_AB=complete*

*status\_progress\_BC=complete*

*status\_progress\_MB=complete*

*status\_progress\_NB=complete*

*status\_progress\_NF=complete*

*status\_progress\_NT=complete*

*status\_progress\_NS=complete*

*status\_progress\_NU=complete*

*status\_progress\_ON=complete*

*status\_progress\_PE=complete*

*status\_progress\_QC=complete*

*status\_progress\_SK=complete*

*status\_progress\_YT=complete*

**Time Period of Content:****Time Period Information:****Range of Dates/Times:****Beginning Date (YYYY-MM-DD):** 1995-01-02**Ending Date (YYYY-MM-DD):** 2011-04-15**Status:****Progress:** Complete**Maintenance and Update Frequency:** Annual**Spatial Domain:****Bounding Coordinates:****West Bounding Coordinate:** -141.0**East Bounding Coordinate:** -47.5**North Bounding Coordinate:** 86.5**South Bounding Coordinate:** 40.0**Keywords:****Theme:****Theme Keyword Thesaurus:** GCMD**Theme Keyword:** EARTH SCIENCE > HUMAN DIMENSION > BOUNDARIES > POLITICAL DIVISIONS**Theme Keyword:** EARTH SCIENCE > HUMAN DIMENSION > BOUNDARIES > ADMINISTRATIVE DIVISIONS**Theme Keyword:** Political Boundaries**Theme Keyword:** Administrative Boundaries**Theme Keyword:** Basemap Data**Place:****Place Keyword Thesaurus:** GCMD**Place Keyword:** Global Regions > Mid-Latitude**Place Keyword:** Global Regions > North America**Place Keyword:** Global Regions > Western Hemisphere**Place Keyword:** Global Regions > Northern Hemisphere**Place Keyword:** Canada**Place Keyword:** Canada > Alberta**Place Keyword:** Canada > British Columbia**Place Keyword:** Canada > Manitoba**Place Keyword:** Canada > New Brunswick**Place Keyword:** Canada > Newfoundland and Labrador**Place Keyword:** Canada > Northwest Territories**Place Keyword:** Canada > Nova Scotia**Place Keyword:** Canada > Nunavut**Place Keyword:** Canada > Ontario**Place Keyword:** Canada > Prince Edward Island**Place Keyword:** Canada > Quebec**Place Keyword:** Canada > Saskatchewan**Place Keyword:** Canada > Yukon**Access Constraints:** Data are subject to the GeoBase Unrestricted Use Licence Agreement<http://www.geobase.ca> - in the Data/Licence section).**Use Constraints:** Data are subject to the GeoBase Unrestricted Use Licence Agreement<http://www.geobase.ca> - in the Data/Licence section).**Point of Contact:****Contact Information:****Contact Organization Primary:****Contact Organization:** Government of Canada, Natural Resources Canada, Surveyor

General Branch

**Contact Address:****Address Type:** Mailing and physical address**Address:** 9700 Jasper Avenue, Suite 605

**City:** Edmonton  
**Province or State:** Alberta  
**Postal Code/ZIP Code:** T5J 4C3  
**Country:** Canada  
**Contact Telephone Number (+cc-aaa-nnnnn):** +01-780-495-2519  
**Contact Facsimile Telephone (+cc-aaa-nnnnn):** +01-780-495-4052  
**Contact Electronic Mail Address:** sgb@nrcan.gc.ca

#### Data Quality Information:

##### Attribute Accuracy:

##### Attribute Accuracy Report:

Classification correctness: Classification correctness of attribute values has been verified manually.

Non-quantitative attribute correctness: Non-quantitative attribute correctness of attribute values has been verified manually.

Quantitative attribute accuracy: Not applicable.

##### Logical Consistency Report:

Conceptual consistency: All features in the dataset adhere to the conceptual model rules.  
 Domain consistency: The adherence of attribute values of features in the dataset to the corresponding domain has been verified manually.  
 Format consistency: The data is stored in accordance with the physical structure of the dataset.  
 Topological consistency: All polyline features in the dataset respect the topological connectivity rules. There is no explicit topology between polygons and polyline features, but polygons have been generated from the polylines. Thus, areas in the polygon layer align with their corresponding administrative boundaries in the polyline layer.

##### Completeness Report:

The completeness of the dataset in terms of features and their attributes has been verified manually.

##### Positional Accuracy:

##### Horizontal Positional Accuracy:

##### Horizontal Positional Accuracy Report:

The accuracy information is provided for each administrative boundary segment in terms of a category (range) of circular planimetric accuracy.

##### Quantitative Horizontal Positional Accuracy Assessment:

**Horizontal Positional Accuracy Value:** Provided as feature attribute

##### Horizontal Positional Accuracy Explanation:

The accuracy category may vary along a given administrative boundary. The accuracy was determined by the source agencies, based on the methodology used to produce the source data (land surveying, map source, etc.).

#### Spatial Data Organization Information

**Direct Spatial Reference Method:** Vector

#### Spatial Reference Information

##### Horizontal Coordinate System Definition:

##### Geographic:

**Latitude Resolution:** 0.000001

**Longitude Resolution:** 0.000001

**Geographic Coordinate Units:** Decimal degrees

##### Geodetic Model:

**Horizontal Datum Name:** NAD83 (North American Datum of 1983)

**Ellipsoid Name:** WGS84 (World Geodetic System of 1984)

**Semi-major Axis:** 6378137.0

**Denominator of Flattening Ratio:** 298.2572235630

#### Distribution Information

##### Distributor:

##### Contact Information:

**Contact Person Primary:****Contact Person:** GeoBase Technical Support**Contact Organization:**

Natural Resources Canada, Earth Sciences Sector, Geomatics Canada, Centre for Topographic Information

**Contact Address:****Address Type:** Mailing and physical address**Address:** 2144 King Street West, Suite 010**City:** Sherbrooke**Province or State:** Quebec**Postal Code/ZIP Code:** J1J 2E8**Country:** Canada**Contact Telephone Number (+cc-aaa-nnnnn):** +01-819-564-4857 / 1-800-661-2638 (Canada and USA)**Contact Facsimile Telephone (+cc-aaa-nnnnn):** +01-819-564-5698**Contact Electronic Mail Address:** supportGeobase@NRCan.gc.ca**Distribution Liability:** Data are subject to the GeoBase Unrestricted Use Licence Agreement (<http://www.geobase.ca> - in the Data/Licence section).**Standard Order Process:****Fees:** Free**Metadata Reference Information****Metadata Date (YYYY-MM-DD):** 2011-04-15**Metadata Review Date (YYYY-MM-DD):** 2011-04-15**Metadata Future Review Date (YYYY-MM-DD):** 2012-04-15**Metadata Contact:****Contact Information:****Contact Person Primary:****Contact Person:** Paul Egesborg**Contact Organization:**

Government of Canada, Natural Resources Canada, Surveyor General Branch

**Contact Address:****Address Type:** Mailing and physical address**Address:** 557-615 Booth Street**City:** Ottawa**Province or State:** Ontario**Postal Code/ZIP Code:** K1A 0E9**Country:** Canada**Contact Telephone Number (+cc-aaa-nnnnn):** +01-613-995-4118**Contact Facsimile Telephone (+cc-aaa-nnnnn):** +01-613-992-1122**Contact Electronic Mail Address:** egesborg@nrcan.gc.ca**Metadata Standard Name:** FGDC Content Standards for Digital Geospatial Metadata**Metadata Standard Version:** 1994-06-08**Metadata Time Convention:** Local time**Connectivity details****Connectivity details for Simple Search:****URL for additional information about the collection of products:** <http://www.geobase.ca>

## 2. Product/Dataset Level Metadata (FGDC GeoProfile Format 1998)

### Identification Information:

#### Citation:

##### Citation Information:

**Originator:** Government of Canada, Natural Resources Canada, Earth Science Sector, Geomatics Canada, Surveyor General Branch

**Title:** Canadian Political Boundaries, Level 1 (CGB1)

**Geospatial Data Presentation Form:** Vector digital data

##### Publication Information:

**Publication Place:** Ottawa, Ontario, Canada

**Publisher:** Government of Canada, Natural Resources Canada, Surveyor General Branch

**Online Linkage:** <http://www.geoconnections.ca>

**Online Linkage:** <http://www.geobase.ca>

### Description:

#### Description:

This dataset is one of the GeoBase series of products. It contains current International, Economic Exclusion Zone and inter-provincial / territorial boundaries of Canada, plus the corresponding geopolitical areas.

The dataset contains three files: an administrative boundary file, an administrative areas file and a metadata file.

The administrative boundary file contains non-overlapping, topologically correct (connected) simple features, with no overshoots and undershoots. An administrative boundary is a line that bounds two adjacent administrative areas. In the dataset, an administrative boundary may be split into several smaller segments, due to changes in attribute information.

The administrative areas file contains adjacent (contiguous) polygons. The polygon boundaries exactly align with the corresponding features in the administrative boundary file.

The delivery format for this dataset can be either GML ASCII or ESRI Shape file.

#### Purpose:

This dataset should be used for cartographic purposes only, not for legal purposes.

#### Time Period of Content:

##### Time Period Information:

##### Range of Dates/Times:

**Beginning Date (YYYY-MM-DD):** 1995-01-02

**Ending Date (YYYY-MM-DD):** 2011-04-15

#### Status:

**Progress:** Complete

**Maintenance and Update Frequency:** Annual

#### Spatial Domain:

##### Bounding Coordinates:

**West Bounding Coordinate:** -141.0

**East Bounding Coordinate:** -47.5

**North Bounding Coordinate:** 86.5

**South Bounding Coordinate:** 40.0

#### Keywords:

##### Theme:

**Theme Keyword Thesaurus:** GCMD

**Theme Keyword:** EARTH SCIENCE > HUMAN DIMENSION > BOUNDARIES > POLITICAL DIVISIONS

**Theme Keyword:** EARTH SCIENCE > HUMAN DIMENSION > BOUNDARIES > ADMINISTRATIVE DIVISIONS

**Theme Keyword:** Political Boundaries

**Theme Keyword:** Administrative Boundaries

**Theme Keyword:** Base Map Data

**Place:**

**Place Keyword Thesaurus:** GMCD  
**Place Keyword:** Canada  
**Place Keyword:** Canada > Alberta  
**Place Keyword:** Canada > British Columbia  
**Place Keyword:** Canada > Manitoba  
**Place Keyword:** Canada > New Brunswick  
**Place Keyword:** Canada > Newfoundland and Labrador  
**Place Keyword:** Canada > Northwest Territories  
**Place Keyword:** Canada > Nova Scotia  
**Place Keyword:** Canada > Nunavut  
**Place Keyword:** Canada > Ontario  
**Place Keyword:** Canada > Prince Edward Island  
**Place Keyword:** Canada > Quebec  
**Place Keyword:** Canada > Saskatchewan  
**Place Keyword:** Canada > Yukon  
**Place Keyword:** Global Regions > Mid-Latitude  
**Place Keyword:** Global Regions > North America  
**Place Keyword:** Global Regions > Western Hemisphere  
**Place Keyword:** Global Regions > Northern Hemisphere

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**Use Constraints:** Data are subject to the GeoBase Unrestricted Use Licence Agreement (<http://www.geobase.ca> - in the Data/Licence section).

**Point of Contact:**

**Contact Information:**

**Contact Organization Primary:**

**Contact Organization:**

Government of Canada, Natural Resources Canada, Surveyor General Branch

**Contact Address:**

**Address Type:** Mailing and physical address

**Address:** 9700 Jasper Avenue, Suite 605

**City:** Edmonton

**Province or State:** Alberta

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**Country:** Canada

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**Contact Electronic Mail Address:** [sgb@nrcan.gc.ca](mailto:sgb@nrcan.gc.ca)

**Data Quality Information:**

**Attribute Accuracy:**

**Attribute Accuracy Report:**

Classification correctness: Classification correctness of attribute values has been verified manually.

Non-quantitative attribute correctness: Non-quantitative attribute correctness of attribute values has been verified manually.

Quantitative attribute accuracy: Not applicable.

**Logical Consistency Report:**

Conceptual consistency: All features in the dataset adhere to the conceptual model rules.

Domain consistency: The adherence of attribute values of features in the dataset to the corresponding domain has been verified manually.

Format consistency: The data is stored in accordance with the physical structure of the dataset.

Topological consistency: All polyline features in the dataset respect the topological connectivity rules. There is no explicit topology between polygons and polyline features, but polygons have been generated from the polylines. Thus, areas in the

polygon layer align with their corresponding administrative boundaries in the polyline layer.

**Completeness Report:**

The completeness of the dataset in terms of features and their attributes has been verified manually.

**Positional Accuracy:**

**Horizontal Positional Accuracy:**

**Horizontal Positional Accuracy Report:**

The accuracy information is provided for each administrative boundary segment in terms of a category (range) of circular planimetric accuracy.

**Quantitative Horizontal Positional Accuracy Assessment:**

**Horizontal Positional Accuracy Value:** Provided as feature attribute

**Horizontal Positional Accuracy Explanation:**

The accuracy category may vary along a given administrative boundary. The accuracy was determined by the source agencies, based on the methodology used to produce the source data (land surveying, map source, etc.).

**Lineage:**

**Source Information:**

**Source Citation:**

**Citation Information:**

**Originator:** International Boundary Commission

**Publication Date:** 2011-04-15

**Title:** Canada-USA International Boundary line

**Source Scale Denominator:** 1:50 000

**Type of Source Media:** Digital

**Source Time Period of Content:**

**Time Period Information:**

**Range of Dates Times:**

**Beginning Date:** 1925-01-01

**Ending Date:** 2011-04-15

**Source Currentness Reference:** 2011-04-15

**Source Citation Abbreviation:** Intl Bdry Line

**Source Contribution:**

The International Boundary Commission provided the Canada / USA boundary polyline feature in a Shape file layer compiled from latest survey of official monuments with some coordinates transformed from NAD27 to NAD83 datum.

**Process Step:**

**Process Description:**

The Canada / USA boundary polyline was imported in ArcGIS. Nodes were added at intersections with provincial and territorial boundaries. All line segments are "straight lines between adjacent points" as defined by various treaties. These points are surveyed locations that are represented in the polyline as nodes and vertices.

**Process Date:** 2011-04-15

**Process Step:**

**Process Description:**

In two instances, the Edmonton office of Natural Resources Canada, Surveyor General Branch inserted vertices at 6 minute intervals: These two straight line segments, one in Lake Ontario and the second in Lake Erie, are defined to be parallels of latitude. No additional vertices were added to other straight line segments as there is no official definition of "straight line" in the boundary treaties between Canada and the USA.

**Process Date:** 2011-04-15

**Lineage:**

**Source Information:**

**Source Citation:**

**Citation Information:**

**Originator:** Elections Canada

**Publication Date:** 2002-11-01

**Title:** Inter-Provincial and Territorial Limits

**Source Scale Denominator:** 1:50 000 to 1:1 000 000

**Type of Source Media:** Digital  
**Source Time Period of Content:**  
**Time Period Information:**  
**Range of Dates Times:**  
**Beginning Date:** 1997-01-02  
**Ending Date:** 2002-11-01  
**Source Currentness Reference:** 2002-11-01

**Source Citation Abbreviation:**

**Source Contribution:**

Statistics Canada and Elections Canada in partnership provided the Provincial and territorial boundaries for the entire country, in the form of a Shape file layer containing polyline features. The latter was a dissolve from the Electoral Districts data.

**Process Step:**

**Process Description:**

The provincial and territorial boundary polylines were imported in ArcGIS. They were left as they were, except that they were extended or shortened to coincide with the international boundary and replaced where available with more accurate provincial and territorial boundary data.

**Process Date:** 2002-12-15

**Lineage:**

**Source Information:**

**Source Citation:**

**Citation Information:**

**Originator:** Department of Fisheries and Oceans (DFO)

**Publication Date:** 2002-11-04

**Title:** Canada's Exclusive Economic Zone Limit

**Source Scale Denominator:** 1:10 000

**Type of Source Media:** Digital

**Source Time Period of Content:**

**Time Period Information:**

**Range of Dates Times:**

**Beginning Date:** 1995-01-02

**Ending Date:** 2002-09-01

**Source Currentness Reference:** 2002-09-01

**Source Citation Abbreviation:** EEZ

**Source Contribution:**

DFO provided the Exclusive Economic zone boundaries in a Shape file layer.

**Process Step:**

**Process Description:**

The EEZ line features were imported into ArcGIS and adjusted (snapped) to the international boundaries.

**Process Date:** 2002-12-15

**Lineage:**

**Source Information:**

**Source Citation:**

**Citation Information:**

**Originator:** Department of Fisheries and Oceans (DFO)

**Publication Date:** 2002-11-04

**Title:** International Boundary – France and Denmark

**Source Scale Denominator:** 1:10 000

**Type of Source Media:** Digital

**Source Time Period of Content:**

**Time Period Information:**

**Range of Dates Times:**

**Beginning Date:** 1995-01-02

**Ending Date:** 2002-09-01

**Source Currentness Reference:** 2002-09-01

**Source Citation Abbreviation:**

**Source Contribution:**

DFO provided the international boundaries (IB) between France and Denmark in a Shape file layer.

**Process Step:**

**Process Description:**

The IB line features were imported into ArcGIS and the IB with Denmark was connected (snapped) to EEZ limits.

**Process Date:** 2002-12-15

**Lineage:****Source Information:****Source Citation:****Citation Information:**

**Originator:** Province of Ontario

**Publication Date:** 2002-11-04

**Title:** Ontario Boundary

**Source Scale Denominator:** 1:20 000

**Type of Source Media:** Digital

**Source Time Period of Content:****Time Period Information:****Range of Dates Times:**

**Beginning Date:** 2002-11-04

**Ending Date:** 2002-11-04

**Source Currentness Reference:** 2002-11-04

**Source Citation Abbreviation:****Source Contribution:**

Province of Ontario boundary, according to Province of Ontario, in a Shape file layer with attributes.

**Process Step:****Process Description:**

The Ontario boundary polyline features were imported into ArcGIS. A comparison was made to existing (already imported) boundaries from other sources. The Ontario boundary was adjusted to coincide with the more accurate International boundary. For western boundary, Manitoba's line was accepted by Ontario. The remaining Ontario boundary data was attributed according to product specifications.

**Process Date:** 2002-12-15

**Lineage:****Source Information:****Source Citation:****Citation Information:**

**Originator:** Province of Saskatchewan

**Publication Date:** 2002-11-04

**Title:** Saskatchewan Boundary

**Source Scale Denominator:** 1:20 000

**Type of Source Media:** Digital

**Source Time Period of Content:****Time Period Information:****Range of Dates Times:**

**Beginning Date:** 2002-11-04

**Ending Date:** 2002-11-04

**Source Currentness Reference:** 2002-11-04

**Source Citation Abbreviation:****Source Contribution:**

Province of Saskatchewan boundary, according to Province of Saskatchewan, in a Shape file layer.

**Process Step:****Process Description:**

The Saskatchewan boundary polyline features were imported into ArcGIS. A comparison was made to existing (already imported) boundaries from other sources. The Saskatchewan boundary was adjusted to coincide with the more accurate International boundary. Saskatchewan western boundary data compared <1-10 meters to that of Province of Alberta data. The eastern boundary data was accepted until Manitoba provides their data. Northern boundary was adjusted to coincide with survey and demarcation approved by BC-Yukon-Northwest Territories Boundaries Act 1967. The remaining data was attributed according to product specifications.

**Process Date:** 2002-12-15

**Lineage:****Source Information:****Source Citation:****Citation Information:****Originator:** Province of Alberta**Publication Date:** 2002-11-04**Title:** Alberta Boundary**Source Scale Denominator:** 1:20 000**Type of Source Media:** Digital**Source Time Period of Content:****Time Period Information:****Range of Dates Times:****Beginning Date:** 2002-11-04**Ending Date:** 2002-11-04**Source Currentness Reference:** 2002-11-04**Source Citation Abbreviation:****Source Contribution:**

Province of Alberta boundary, according to Province of Alberta, in a Shape file layer.

**Process Step:****Process Description:**

The Alberta boundary polyline features were imported into ArcGIS. A comparison was made to existing (already imported) boundaries from other sources. Alberta eastern boundary data compared <1-10 meters to that of Province of Saskatchewan data. Alberta northwestern boundary data compared <1-10 meters to that of Province of BC data. Southern boundary was adjusted to coincide with the more accurate International boundary. Northern boundary was adjusted to coincide with survey and demarcation approved by BC-Yukon-Northwest Territories Boundaries Act 1967.

**Process Date:** 2002-12-15**Lineage:****Source Information:****Source Citation:****Citation Information:****Originator:** Natural Resources Canada, Surveyor General Branch**Publication Date:** 2011-04-15**Title:** Yukon, Northwest Territories, Nunavut Boundaries**Source Scale Denominator:** 1:50 000**Type of Source Media:** Digital**Source Time Period of Content:****Time Period Information:****Range of Dates Times:****Beginning Date:** 2002-06-01**Ending Date:** 2011-04-15**Source Currentness Reference:** 2011-04-15**Source Citation Abbreviation:****Source Contribution:**

Natural Resources Canada, Surveyor General Branch office in Whitehorse compiled the Yukon boundary from the following information sources: Yukon/Alaska boundary was compiled from the International Boundary Commission published coordinates and from some recent survey records; Yukon/BC boundary was compiled from a digital file supplied by the BC Government, which is based on the surveyed boundary, and adjusted to fit some recent surveys and GPS control along the boundary; Yukon/NWT boundary was compiled from a 1:50,000 scale digitized height of land supplied by the Yukon Government and is adjusted to fit any survey along the boundary, and from survey records for the northern/southern straight line sections of the boundary; NRCan/SGB compiled the Yukon/Beaufort Sea boundary using 1:50,000 scale NTDB files. The SGB office in Yellowknife compiled the NWT/Nunavut boundary.

**Process Step:****Process Description:**

The Yukon boundary polyline features were imported into ArcGIS. A comparison was made to existing (already imported) boundaries from other sources. The Yukon boundary was adjusted to coincide with the more accurate International boundary and legislated survey of the northern boundary of BC. The NWT/Nunavut boundary was compiled from

1:50,000 scale digitized height of land and mean sea level for un-surveyed natural boundaries. Other segments were entered to follow longitudes, latitudes and straight lines where so legislated; vertices were inserted into these segments at 10 kilometre intervals.  
**Process Date:** 2011-04-15

### Spatial Data Organization Information

**Direct Spatial Reference Method:** Vector

### Spatial Reference Information

#### Horizontal Coordinate System Definition:

##### Geographic:

**Latitude Resolution:** 0.000001

**Longitude Resolution:** 0.000001

**Geographic Coordinate Units:** Decimal degrees

##### Geodetic Model:

**Horizontal Datum Name:** NAD83 (North American Datum of 1983)

**Ellipsoid Name:** WGS84 (World Geodetic System of 1984)

**Semi-major Axis:** 6378137.0

**Denominator of Flattening Ratio:** 298.2572235630

### Entity and Attribute Information

#### Overview Description:

Entity and Attribute Overview: Entities and attributes are described in details in the Canadian Geopolitical Boundaries, Level 1: Feature Catalogue, accessible on the GeoBase portal (<http://www.geobase.ca>)

**Entity and Attribute Detail Citation:** Canadian Geopolitical Boundaries, Level 1: Feature Catalogue – Edition 1.1.1 1.1, April, 2011)

### Distribution Information

#### Distributor:

##### Contact Information:

##### Contact Person Primary:

**Contact Person:** GeoBase Technical Support

##### Contact Organization:

Natural Resources Canada, Earth Sciences Sector, Geomatics Canada, Centre for Topographic Information

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**City:** Sherbrooke

**Province or State:** Quebec

**Postal Code/ZIP Code:** J1J 2E8

**Country:** Canada

**Contact Telephone Number (+cc-aaa-nnnnn):** +01-819-564-4857 / 1-800-661-2368 (Canada and USA)

**Contact Facsimile Telephone (+cc-aaa-nnnnn):** +01-819-564-5698

**Contact Electronic Mail Address:** [supportGeobase@NRCan.gc.ca](mailto:supportGeobase@NRCan.gc.ca)

**Distribution Liability:** Data are subject to the GeoBase Unrestricted Use Licence Agreement (<http://www.geobase.ca> - in the Data/Licence section).

### Standard Order Process:

#### Digital Form:

##### Digital Transfer Information:

**Format Name:** GML

**File Decompression Technique:** Data compressed into Zip file

#### Digital Form:

##### Digital Transfer Information:

**Format Name:** Shape file

**File Decompression Technique:** Data compressed into Zip file

**Fees:** Free

**Metadata Reference Information****Metadata Date:** 2011-04-15**Metadata Contact:****Contact Information:****Contact Person Primary:****Contact Person:** Paul Egesborg**Contact Organization:**

Government of Canada, Natural Resources Canada, Surveyor General Branch

**Contact Address:****Address Type:** Mailing and physical address**Address:** 557-615 Booth Street**City:** Ottawa**Province or State:** Ontario**Postal Code/ZIP Code:** K1A 0E9**Country:** Canada**Contact Telephone Number (+cc-aaa-nnnnn):** +01-613-995-4118**Contact Facsimile Telephone (+cc-aaa-nnnnn):** +01-613-992-1122**Contact Electronic Mail Address:** egesborg@rncan.gc.ca**Metadata Standard Name:** FGDC Content Standards for Digital Geospatial Metadata**Metadata Standard Version:** FGDC-STD-001-1998