



**Aboriginal Lands  
Feature Catalogue**

**Edition 1.1**

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**REVISION HISTORY**

<b>Date</b>	<b>Edition</b>	<b>Description</b>
2009-04-27	1.0	Initial Release
2009-10-31	1.0.1	Corrections and clarifications (DT_Names, DT_ObjectMD, CL_Language)
2010-04-27	1.1	Modification to definition of Land Claim in CL_Type

**FUTURE WORK**

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

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## Overview

Aboriginal Lands (AL) are modeled through the following constructs:

- AL as a geographic feature with a unique identity and represented geometrically as either a simple polygon or a multipolygon
- Six data types, including:
  - DT\_UUID
  - DT\_Names
  - DT\_LanguageAndName
  - DT\_Jurisdictions
  - DT\_ObjectMD
  - DT\_DatasetMD
- Six code lists, including:
  - CL\_AcquisitionTechnique
  - CL\_AcquisitionProvider
  - CL\_Cover
  - CL\_Type
  - CL\_Jurisdiction
  - CL\_Language

The Unified Modeling Language (UML) representation of the model is contained in the accompanying document, Aboriginal Lands: Conceptual Data Model – Edition 1.0. The description of each of the above listed constructs is provided below.

## Definitions

### Geographic Feature

#### AL

##### AL Attributes

Attribute	Type	Definition
<b>geometry</b>	GM_Multisurface	A homogeneous geometry collection that includes one or more gm:Surface members.
<b>NID</b>	DT_UUID	A Nationally Unique Identifier
<b>code</b>	Char(10)	A unique identifier for the Aboriginal Lands.
<b>names</b>	DT_Names	List of names of the Aboriginal Lands.
<b>jurisdictions</b>	DT_Jurisdictions	List of jurisdiction(s) where the Aboriginal Land is located.
<b>type</b>	CL_Type	Type of Aboriginal Lands
<b>webReference</b>	Char(254)	Web reference (URL) to the source cadastral parcel framework of the provider.
<b>objectMetadata</b>	DT_ObjectMD	Refer to the attributes described in the section DT_ObjectMD.
<b>datasetMetadata</b>	DT_DatasetMD	Refer to the attributes described in the section DT_DatasetMD.

## Data Types

### DT\_UUID

#### DT\_UUID Attributes

Attribute	Type	Definition
uuid	Char(32)	A universally unique identifier.

### DT\_Names

#### DT\_Names Attributes

Attribute	Type	Definition
name1	DT_LanguageAndName	Name in English for the Aboriginal Land (Language code "eng"). If name does not exist in English, the value is "000" for Language. Name: Given in English, if it exists; otherwise the value is null.
name2	DT_LanguageAndName	Name in French for the Aboriginal Land (Language code "fra"). If name does not exist in French, the value is "000" for Language. Name: Given in French, if it exists; otherwise the value is null.
name3	DT_LanguageAndName	Name in third language for the Aboriginal Land. If name does not exist in a language other than English or French, the value is "000" for Language. Name: Given in the language specified, if it exists; otherwise the value is null.
name4	DT_LanguageAndName	Name in fourth language for the Aboriginal Land. If name does not exist in a language other than English or French or as specified under name3, the value is "000" for Language. Name: Given in the language specified, if it exists; otherwise the value is null.
name5	DT_LanguageAndName	Name in fifth language for the Aboriginal Land. If name does not exist in a language other than English or French or as specified under name3 and name4, the value is "000" for Language. Name: Given in the language specified, if it exists; otherwise the value is null.

Note that name1 and name2 are treated differently from the other three names. If for example a name existed in French and in an Aboriginal language, but not in English, then name1, name4, and name5 would all contain a 000 for language and a null value for name. Similarly if a name exists in English and an Aboriginal language, but not in French, then name2, name4, and name5 would contain only 000 and null values.

## DT\_LanguageAndName

### DT\_LanguageAndName Attributes

Attribute	Type	Definition
<b>language</b>	CL_Language	Language used
<b>name</b>	Char(100) <i>Default: null</i>	Name of Aboriginal Land(s)

## DT\_Jurisdictions

### DT\_Jurisdictions Attributes

Attribute	Type	Definition
<b>jurisdiction1</b>	CL_Jurisdiction	First jurisdiction where the Aboriginal Land is located.
<b>jurisdiction2</b>	CL_Jurisdiction	Second jurisdiction where the Aboriginal Land is located.
<b>jurisdiction3</b>	CL_Jurisdiction	Third jurisdiction where the Aboriginal Land is located.
<b>jurisdiction4</b>	CL_Jurisdiction	Fourth jurisdiction where the Aboriginal Land is located.

## DT\_ObjectMD

### DT\_ObjectMD Attributes

Attribute	Type	Definition
<b>acquisitionTechnique</b>	CL_AcquisitionTechnique	The type of data source or technique used to generate (create or revise) the object.
<b>creationDate</b>	Char(8): YYYYMMDD	A date, when object was originally created, in the format YYYYMMDD or "Unknown". If the month or the day is unknown, corresponding characters are left blank.
<b>metadataCoverage</b>	CL_Cover	This value indicates if this set of metadata covers the entire polygonal element or only a portion of it.
<b>planimetricAccuracy</b>	int	The positional accuracy expressed in meters at the 95% confidence level. Value is set to "-1", if the positional accuracy is unknown.
<b>provider</b>	CL_AcquisitionProvider	The affiliation of the organization that generated (created or revised) the object.
<b>revisionDate</b>	Char(8): YYYYMMDD	A date, when the object was last modified, in the format YYYYMMDD or "Unknown". If the month or the day is unknown, corresponding characters are left blank. If the object was never modified, the value is null.

## DT\_DatasetMD

### DT\_DatasetMD Attributes

Attribute	Type	Definition
<b>datasetName</b>	CL_Jurisdiction	Province or Territory covered by the dataset.
<b>standardVersion</b>	Char(10)	The standard version of the features.

## Code Lists

### CL\_AcquisitionTechnique

*Definition:* The type of data source or technique used to populate (create or revise) the dataset.

#### CL\_AcquisitionTechnique Attributes

Attribute	Type	Definition
<b>Unknown</b>	int -1	Impossible to determine.
<b>None</b>	int 0	No value applies.
<b>Other</b>	int 1	Other value.
<b>GPS</b>	int 2	Data collected using a GPS device.
<b>Ortho Image</b>	int 3	Satellite imagery orthorectified.
<b>Ortho Photo</b>	int 4	Aerial photo orthorectified.
<b>Vector Data</b>	int 5	Vector digital data.
<b>Paper Map</b>	int 6	Conventional sources of information like maps or plans.
<b>Field Completion</b>	int 7	Information gathered from people directly on the field.
<b>Raster Data</b>	int 8	Data resulting from a scanning process.
<b>Digital Elevation Model</b>	int 9	Data coming from a Digital Elevation Model (DEM).
<b>Aerial Photo</b>	int 10	Aerial photography not orthorectified.
<b>Raw Imagery</b>	int 11	Data Satellite imagery not orthorectified.
<b>Computed</b>	int 12	Geometric information that has been computed (not captured).

## CL\_AcquisitionProvider

**Definition:** The affiliation of the organization that generated (created or revised) the object.

### CL\_AcquisitionProvider Attributes

Attribute	Type	Definition
Other	int 1	Other value.
Federal	int 2	Federal departments or agencies.
Provincial / Territorial	int 3	Provincial / territorial departments or agencies.
Municipal	int 4	Municipal departments or agencies.

## CL\_Cover

**Definition:** This value indicates if this set of metadata covers the entire polygonal element or only a portion of it.

### CL\_Cover Attributes

Attribute	Type	Definition
Unknown	int -1	Impossible to determine.
Complete	int 1	Metadata applies on the entire geometry or attribute event.
Partial	int 2	Applies on a portion of the geometry or attribute event.

## CL\_Type

**Definition:** Aboriginal Land types.

### CL\_Type Attributes

Attribute	Type	Definition
Other	int 1	Other value
Indian Reserve	int 2	Indian Reserve - Surrendered lands and Indian reserves as defined in the Indian Act. Also includes Sechelt lands, as defined in the Sechelt Indian Band Self-Government Act, chapter 27 of the Statutes of Canada, 1986.

Attribute	Type	Definition
<b>Land Claim</b>	int 3	Land Claim - Lands created under Comprehensive Land Claims Process that do not or will not have Indian Reserve status under the Indian Act. These include: 1) the exterior limits of Cree and Naskapi Category 1A and 1A-N Lands as defined in the James-Bay Accord (Cree-Naskapi Act).; 2) the exterior limits of the Yukon First Nations Settlement Lands as defined by each Yukon First Nation Final Agreement, which were surveyed and recorded; 3) Inuit Owned Lands (IOL) as defined in the <i>Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada</i> given effect and declared valid by the <i>Nunavut Land Claims Agreement Act</i> . It includes all parcels that have been surveyed and those that do not require a survey (this includes the islands). Survey plans may not all be recorded in the CLSR at this time; 4) Gwich'in Lands as defined in the <i>Gwich'in Comprehensive Land Claim Agreement</i> , given effect and declared valid by the <i>Gwich'in Land Claim Settlement Act</i> ; 5) Inuvialuit Lands as defined in the <i>Western Arctic (Inuvialuit) Claims Settlement Act</i> ; 6) Sahtu Lands as defined in <i>The Sahtu Dene and Métis Comprehensive Land Claim Agreement</i> given effect and declared valid by the <i>Sahtu Dene and Métis Land Claim Settlement Act</i> . All parcels are included but not all survey plans are recorded in the CLSR at this time; and 7) Tlicho lands, as defined in the Tlicho Agreement, given effect and declared valid by the Tlicho Land Claims and Self-Government Act.
<b>Indian Land</b>	int 4	Indian Land - Lands in the Kanesatake Mohawk interim land base, as defined in the Kanesatake Interim Land Base Governance Act, other than the lands known as Doncaster Reserve No. 17.

## CL\_Jurisdiction

### CL\_Jurisdiction Attributes

Attribute	Type	Definition
<b>Alberta</b>	Char(2) AB	Alberta
<b>British Columbia</b>	Char(2) BC	British Columbia
<b>Canada</b>	Char(2) CA	Canada
<b>Manitoba</b>	Char(2) MB	Manitoba
<b>New Brunswick</b>	Char(2) NB	New Brunswick

Attribute	Type	Definition
<b>Newfoundland and Labrador</b>	Char(2) NL	Newfoundland and Labrador
<b>Nova Scotia</b>	Char(2) NS	Nova Scotia
<b>Northwest Territory</b>	Char(2) NT	Northwest Territory
<b>Nunavut</b>	Char(2) NU	Nunavut
<b>Ontario</b>	Char(2) ON	Ontario
<b>Prince Edward Island</b>	Char(2) PE	Prince Edward Island
<b>Quebec</b>	Char(2) QC	Quebec
<b>Saskatchewan</b>	Char(2) SK	Saskatchewan
<b>Yukon</b>	Char(2) YT	Yukon

## CL\_Language

*Definition:* Language used in Aboriginal Land name

### CL\_Language Attributes

Label	Code	Definition
<b>No Language</b>	Char(3) 000	No Language
<b>Other</b>	Char(3) 001	Other Language
<b>English</b>	Char(3) eng	English
<b>French</b>	Char(3) fra	French
<b>Abenaki, Western</b>	Char(3) abe	Abenaki, Western
<b>Algonquin</b>	Char(3) alq	Algonquin
<b>Assiniboine</b>	Char(3) asb	Assiniboine
<b>Atikamekw</b>	Char(3) atj	Atikamekw
<b>Babine</b>	Char(3) bcr	Babine
<b>Beaver</b>	Char(3) bea	Beaver
<b>Blackfoot</b>	Char(3) bla	Blackfoot
<b>Bella Coola</b>	Char(3) blc	Bella Coola

<b>Label</b>	<b>Code</b>	<b>Definition</b>
<b>Cayuga</b>	Char(3) cay	Cayuga
<b>Dene (Chipewyan)</b>	Char(3) chp	Dene (Chipewyan)
<b>Chilcotin</b>	Char(3) clc	Chilcotin
<b>Comox</b>	Char(3) coo	Comox
<b>Michif</b>	Char(3) crg	Michif
<b>East Cree, Southern</b>	Char(3) crj	East Cree, Southern
<b>Plains Cree</b>	Char(3) crk	Plains Cree
<b>East Cree, Northern</b>	Char(3) crl	East Cree, Northern
<b>Cree, Moose</b>	Char(3) crm	Cree, Moose
<b>Carrier</b>	Char(3) crx	Carrier
<b>Cree, Swampy</b>	Char(3) csw	Cree, Swampy
<b>Cree, Woods</b>	Char(3) cwd	Cree, Woods
<b>Dakota</b>	Char(3) dak	Dakota
<b>Dogrib</b>	Char(3) dgr	Dogrib
<b>Gitksan</b>	Char(3) git	Gitksan
<b>Kutchin-Gwich'in (Loucheux)</b>	Char(3) gwi	Kutchin-Gwich'in (Loucheux)
<b>Hän</b>	Char(3) haa	Hän
<b>Haisla</b>	Char(3) has	Haisla
<b>Haida, Southern</b>	Char(3) hax	Haida, Southern
<b>Haida, Northern</b>	Char(3) hdn	Haida, Northern
<b>Heiltsuk</b>	Char(3) hei	Heiltsuk
<b>Halkomelem</b>	Char(3) hur	Halkomelem
<b>Inuktitut, Eastern Canadian</b>	Char(3) ike	Inuktitut, Eastern Canadian
<b>Inuktitut, Western Canadian (Inuvialuktun)</b>	Char(3) ikt	Inuktitut, Western Canadian (Inuvialuktun)
<b>Kaska</b>	Char(3) kkz	Kaska
<b>Kutenai</b>	Char(3) kut	Kutenai

<b>Label</b>	<b>Code</b>	<b>Definition</b>
<b>Kwakiutl</b>	Char(3) kwk	Kwakiutl
<b>Lillooet</b>	Char(3) lil	Lillooet
<b>Lakota</b>	Char(3) lkt	Lakota
<b>Micmac</b>	Char(3) mic	Micmac
<b>Montagnais</b>	Char(3) moe	Montagnais
<b>Mohawk</b>	Char(3) moh	Mohawk
<b>Nishga</b>	Char(3) ncg	Nishga
<b>Nootka</b>	Char(3) noo	Nootka
<b>Naskapi</b>	Char(3) nsk	Naskapi
<b>Ojibway, Northwestern</b>	Char(3) ojb	Ojibway, Northwestern
<b>Ojibway, Central</b>	Char(3) ojc	Ojibway, Central
<b>Ojibway, Eastern</b>	Char(3) ojg	Ojibway, Eastern
<b>Oji-Cree</b>	Char(3) ojs	Oji-Cree
<b>Ojibway, Western</b>	Char(3) ojw	Ojibway, Western
<b>Okanagan</b>	Char(3) oka	Okanagan
<b>Oneida</b>	Char(3) one	Oneida
<b>Onondaga</b>	Char(3) ono	Onondaga
<b>Ottawa</b>	Char(3) otw	Ottawa
<b>Potawatomi</b>	Char(3) pot	Potawatomi
<b>Malecite</b>	Char(3) pqm	Malecite
<b>North Slave (Hare)</b>	Char(3) scs	North Slave (Hare)
<b>Sechelt</b>	Char(3) sec	Sechelt
<b>Seneca</b>	Char(3) see	Seneca
<b>Sekani</b>	Char(3) sek	Sekani
<b>Shuswap</b>	Char(3) shs	Shuswap
<b>Squamish</b>	Char(3) squ	Squamish
<b>Sarcee (Tsúu T'ina)</b>	Char(3) srs	Sarcee (Tsúu T'ina)

<b>Label</b>	<b>Code</b>	<b>Definition</b>
<b>Stoney</b>	Char(3) sto	Stoney
<b>Salish</b>	Char(3) str	Salish
<b>Upper Tanana</b>	Char(3) tau	Upper Tanana
<b>Southern Tutchone</b>	Char(3) tce	Southern Tutchone
<b>Tagish</b>	Char(3) tgx	Tagish
<b>Thompson</b>	Char(3) thp	Thompson
<b>Tahltan</b>	Char(3) tht	Tahltan
<b>Tlingit</b>	Char(3) tli	Tlingit
<b>Tsimshian</b>	Char(3) tsi	Tsimshian
<b>Northern Tutchone</b>	Char(3) ttm	Northern Tutchone
<b>Tuscarora</b>	Char(3) tus	Tuscarora
<b>Munsee</b>	Char(3) umu	Munsee
<b>South Slave</b>	Char(3) xsl	South Slave