NATIONAL TOPOGRAPHIC DATA BASE

DATA DICTIONARY

This document is an integral part of the

National Topographic Data Base Standards and Specifications of

Natural Resources Canada

NTDB DATA DICTIONARY

The data dictionary of the National Topographic Data Base (NTDB) contains all of the entities that may appear in the NTDB, together with their relations and other pertinent information. The dictionary comprises two parts: one containing entity descriptions; the other is an appendix containing various tables.

ENTITY DESCRIPTIONS

The first part of the dictionary presents the entities in alphabetical order. Each entry includes the entity name in both official languages, the theme the entity belongs to, the entity definition, entity attributes and their authorized values, the authorized combinations of attribute values and their corresponding code, the authorized geometric representation qualifiers, guaranteed sizes, the type of spatial representation (two or three dimensions), the altimetric exclusion area icon, relations, a figure and additional notes.

In detail, for each entity, the following items are found:

ENTITY NAME

The entity name corresponds to the topographic feature about which information is required. It is provided in both official languages.

THEME

The group with which the entity is associated.

DEFINITION

The definition describes the entity as it pertains to the NTDB.

FIXED ATTRIBUTES

This section presents attributes that have a limited domain of authorized values. If an entity does not have any fixed domain attributes, the value "None" is present. The following are given in order for each attribute:

- its name;
- its domain of values;
    — number identifying the attribute value;
    — attribute value;
    — definition associated with the attribute value.

Example:

Entity: DAM
Attribute: DAM TYPE
Domain:

Number	Value	Definition
(0)	Generic/Unknown:	
(1)	Other:	All other than "sluice gate".
(2)	Sluice gate:	A device for regulating water through a sluice or irrigation canal.

Certain attributes may be given the values "Generic/Unknown" or "Other".

- Generic/unknown: Value indicating that an attribute value for this entity is not applicable or that it is impossible to determine the value that should be assigned to the attribute.

- Other: Value indicating that an attribute value is other or different than that or those listed. In the preceding example, the value "Other" for the attribute "Dam Type" indicates that the dam is neither a "sluice gate" nor "generic/unknown".

VARIABLE ATTRIBUTES

This section presents the attributes that have a variable domain of attributes. The following are given in order for each attribute:

- its name;
- its definition.

Attribute Values

The alphanumeric attribute (C) is left blank if its value is unknown. The integer attribute (E) takes the value "-1" if its value is unknown.

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIERS

This section presents the authorized values that the geometric representation qualifier may have. The domains of values for point and line entities are:

- Point: (1) position definite;
  (2) position approximate;

- Line: (1) position definite;
  (2) position approximate;
  (3) position virtual/continuity;
  (4) position virtual/discontinuity.

AUTHORIZED COMBINATIONS OF ATTRIBUTE VALUES

This section presents the authorized combinations of values for attributes that have a fixed domain. The value "Generic/Unknown" is given in all cases; the same code is used when an entity has no fixed domain attributed or when none of the fixed attributes of the entity is known. When an entity:

- has a single attribute, the list of authorized values for the attribute is given;
- has two or more attributes, the authorized combinations of values for the attributes are given.

The authorized geometric representations for the 1:50 000 and 1:250 000 scales and their corresponding codes are provided for each combination of attribute values.

Example: Built-up Area

Authorized Combinations of Attribute Values	NTDB Code	1:50 000			1:250 000		
		●	~	▓	●	~	▓
generic/unknown	184	184		4280	184		4280
other	185			4281			
mobile home park	186			4282			

●↗ Symbol used for oriented point entity. The orientation must have a value within the range ˉ1 to 359 degrees ([ˉ1-359]); the value "ˉ1" indicates that the orientation is unknown;

● Symbol used for point geometric representation;

~ Symbol used for line geometric representation;

▓ Symbol used for area geometric representation.

Three combinations of attributes are authorized in the example above. The value "generic/unknown" is authorized at both scales. The codes 184 and 4280 are associated with the geometric representations "point" and "area" respectively. The values "other" and "mobile home park" are authorized solely at the 1:50 000 scale and bear the codes 4281 and 4282, respectively for the geometric representation "area". The codes shown under the icons ●, ●↗, ~, ▓ are for the exclusive use of the Centre for Topographic Information[1]. The distributed data bear the codes in the column entitled "NTDB Code".

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[1] The linear code is obtained by adding 2048 to the NTDB code; the surficial code is obtained by adding 4096 to the NTDB code.

GUARANTEED SIZE

This section presents the guaranteed sizes for each entity occurrence depending on whether it is geometrically represented as a point, line, or area. These sizes, expressed in planimetric metres, are presented in the following manner:

	1:50 000				1:250 000		
	●	~	▦		●	~	▦
Range >	0				0		
Width >			15				75
Length >		100	100			500	500

To illustrate, the table shows that the entity is represented at the 1:50 000 scale by:

- an area, if it is at least 100 m in length and at least 15 m in width;
- a line, if it is at least 100 m in length and less than 15 m in width;
- a point in all other circumstances.

The value in the "Range" row indicates the length of the side of a square corresponding to the superficies for entity representation. For an entity to be included in the NTDB, however, its width must be equal to half the value indicated in the row "Range", as long as the minimum superficies corresponding to that range is satisfied, as illustrated in the table opposite.

Range (m)	100	250
Minimum Superficies (m²)	10 000	62 500
Minimum Width (m)	50	125

A complex area will necessarily contain one or more exclusions. In such complex areas, the guaranteed size applying to an exclusion is equal to the "range" of the entity. For example, at the 1:50 000 scale, a "non-built" zone within a built-up area is governed by the minimum range of the built-up area, which is 300 m. This rule prevails unless otherwise specified in the "Notes" and/or "Diagram" section of the Data Dictionary.

PRESENCE OF ALTIMETRIC COORDINATES

2D ✔ **3D** ✔

Entities may, under some circumstances, support an elevation (h); in such cases, the 3D box will be checked off. When only the 2D box is checked off, the entity cannot support an elevation. When only the 3D box is checked off, the entity must be described in three dimensions (x,y,h); this is the case with the entities "contour" and "elevation point". When both boxes are checked off, the entity can be described in two (x,y) or three dimensions (x,y,h).

ALTIMETRIC EXCLUSION AREA

This icon identifies the entity as being an altimetric exclusion area, as defined in section 6.9 of *NTDB Standards and Specifications*, third edition, version 1.

RELATIONS

This section briefly presents the connection and sharing relations between an entity and other entities or different occurences of a same entity. An icon identifying the geometric representation of the entity (●, ↗, ∼, ▨) appears in the upper left-hand corner of each subsection. Each subsection contains a list of relations that the entity can have with other entities of the same theme (intra-theme) or different themes (inter-theme). Each row contains the entity's name, its geometric representation (P : point; L : line; or A : area), the relation, the name of the related entity, and its geometry.

Relations between entities may be required, possible, or illegal. In addition, some entities require certain combinations of attributes in order to support relations. The appendix provides the details pertaining to relations between entities and the kinds of relation (required, possible, illegal).

FIGURE

The figure illustrates how the entity is modelled among other frequently encountered related entities. Some examples showing existing relations with other entities are also presented. Superimposed and/or adjacent areas may be shown when applicable. Figures are presented in planimetric (top) view. Figures are optional and are presented only to help readers understand the application of relations between entities.

NOTES

This section provides any peculiarity or additional information pertaining to the entity.

Note: The date at the bottom of the page indicates the most recent date on which the entity has been included or modified in the dictionary.

APPENDIX

The second part of the dictionary presents a detailed description of the relations between entities. It includes:

- table of entities, combinations of attribute values, NTDB codes and themes;
- table listing the relations and cardinalities of connection between the combinations of attribute values;
- table listing the relations and cardinalities of sharing between the combinations of attribute values;
- table listing the relations and cardinality of adjacency and superimposition between the combinations of attribute values;
- table listing the minimum sizes allowed and the orientation relations for the combinations of attribute values;
- bilingual entity list and combinations of attribute values;
- table of correspondences between the NTDB codes in editions 2 and 3 of the NTDB;
- table of differences between data set conforming to *NTDB Standards and Specifications* 3.0 and 3.1;
- types of administrative jurisdiction grouped by class.

Key:

Geometric Representation of Entities

Point

●   Primary point entity.
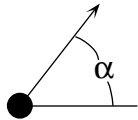
Primary oriented point entity.

Line

Primary line entity.

or   Secondary line entity.

Representation reserved for secondary linear entities in proximity to a primary surficial entity.

Area

Primary surficial entity.

Secondary surficial entity.

Representation reserved for waterbodies.
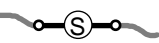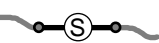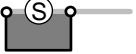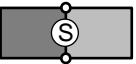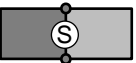
Representation reserved for primary surficial entities superimposed on waterbodies.

Representation reserved for secondary surficial entities superimposed on waterbodies.

Key (cont.):

Relations between Entities

Representation showing a relation of connection between two entities of the same theme.

Representation showing a relation of connection between two entities of different themes.

Representation showing a relation of sharing.

Unconnected point entity.

Point entity connected to a secondary linear entity of the same theme.

Point entity connected to a secondary linear entity of a different theme.

Secondary linear entity connected to a primary surficial entity of the same theme.

Secondary linear entity connected to a primary surficial entity of a different theme.

Primary linear entity connected to a secondary surficial entity of the same theme.

Primary linear entity connected to a secondary surficial entity of a different theme.

Primary linear entity sharing a line with a secondary linear entity of the same theme.

Primary linear entity sharing a line with a secondary linear entity of a different theme.

Secondary linear entity sharing a line with a primary surficial entity of the same theme.

Secondary linear entity sharing a line with a primary surficial entity of a different theme.

Secondary surficial entity sharing a line with a primary surficial entity of the same theme.

Secondary surficial entity sharing a line with a primary surficial entity of a different theme.

DATA DICTIONARY

NATIONAL TOPOGRAPHIC

DATA BASE

APPENDIX

Aerial cableway
Téléphérique

A transportation device for freight or passengers consisting of a carrier and a cable supported by towers.

FIXED ATTRIBUTES

Aerial Cableway Type:

(0) Generic/Unknown

(1) Other: Other than a "ski lift."

(2) Ski lift: a device that carries skiers up a slope, consisting typically of chairs or bars suspended from a motor-driven cable.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	10		2058			2058	
other	11		2059			2059	
ski lift	12		2060			2060	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		100*			500**	

2D ✔   **3D** ☐

Aerial cableway
Téléphérique

RELATIONS	FIGURE
~	
Inter-theme	None
Aerial cableway (L)　　Share　　Hazard to air navigation (L)	

Note : _____

*　　At the 1:50 000 scale, the guaranteed length for ski lifts is 250 m.

**　　At the 1:250 000 scale, the guaranteed length for ski lifts is 1250 m.

Amusement park
Parc d'amusement

An area where entertainment is provided by game concessions, rides, etc.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None
	AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S) • Position definite • Position approximate • Position virtual/continuity • Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	23			4119			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			
Width >						
Length >						

2D ☑   **3D** ☐

Amusement park
Parc d'amusement

RELATIONS	FIGURE
▓	
Inter-theme	None
Amusement park (A)　　Share　　Built-up area (A)	

Note : _____

Auto wrecker
Récupérateur

An area set aside for the disposal or recycling of wrecked vehicles.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/ unknown	34			4130			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			
Width >						
Length >						

2D ✔ **3D** ☐

Auto wrecker
Récupérateur

RELATIONS	FIGURE

Inter-theme

Auto wrecker (A)	Share	Built-up area (A)
Auto wrecker (A)	Share	Vegetation (A)

None

Note : _____

Barrier/Gate
Barrière

An obstruction built on a permanent structure, concrete blocks, a mound of earth, or other materials placed across an all-season or dry-weather road to control or prevent vehicular traffic. Obstructions limiting access to designated areas and to private residences are not included.

FIXED ATTRIBUTES

Barrier/Gate Use:

(0) Generic/Unknown

(1) Other: All other barriers/gates controlling vehicular traffic on a route.

(2) Tollgate: A barrier and/or booth controlling vehicular traffic where a fee is charged..

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗●	~	▓	↗●	~	▓
generic/unknown	45	45					
other	46	46					
tollgate	47	47					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗●	~	▓	↗●	~	▓
Range >	0					
Width >						
Length >						

2D ✔   **3D** ☐

Barrier/Gate
Barrière

RELATIONS	FIGURE

Intra-theme

Barrier/Gate (P)   Connect   Road (L)

Inter-theme

Barrier/Gate (P)   Connect   Limited-use road (L)

Note : _____

Boat ramp
Rampe de mise à l'eau

A sloped area partially above and partially below the water surface used for launching or landing watercraft. Private boat ramps are excluded.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	58	58					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

Boat ramp
Rampe de mise à l'eau

RELATIONS	FIGURE
●	
Intra-theme	
Boat ramp (P)　　　Connect　　　Waterbody (A)	None

Note : _____

Botanical garden
Jardin botanique

An area where plants and trees are displayed.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	69			4165			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			
Width >						
Length >						

2D ✔   3D ☐

Botanical garden
Jardin botanique

RELATIONS	FIGURE
▪	
Inter-theme	None
Botanical garden (A) Share Built-up area (A)	

Note : _____

Breakwater
Brise-lames

A structure for breaking the force of waves to protect a beach, harbour, or other waterfront facilities.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	80		2128			2128	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		100			500	

2D ✓ **3D** ☐

Breakwater
Brise-lames

RELATIONS	FIGURE

~

Intra-theme

Breakwater (L)	Connect	Breakwater (L)
Breakwater (L)	Connect	Seawall (L)
Breakwater (L)	Connect	Waterbody (A)
Breakwater (L)	Connect	Wharf (L)
Breakwater (L)	Share	Waterbody (A)

Note : _____

Bridge
Pont

Part of a road or railway built on a raised structure and serving to span an obstacle, river, another road or railway, etc.*

FIXED ATTRIBUTES

Bridge Structure:

(0) Generic/Unknown

(1) Covered: A bridge that has a building like cover to protect the bridge deck.

(2) Moveable surface: A bridge of which a section can be moved to allow passage of vessels.

(3) Other: Other than "covered" or "moveable surface."

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	91		2139			2139	
covered	92		2140				
moveable surface	93		2141				
other	94		2142				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >		0			0	
Length >		5			5	

Bridge
Pont

2D ✓   3D ☐
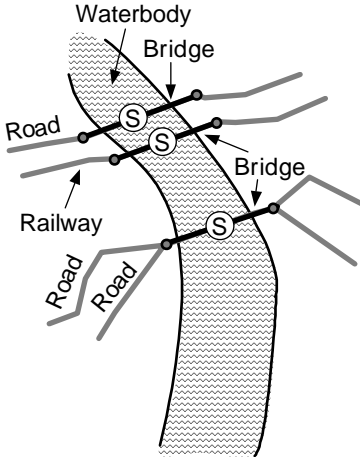
RELATIONS	FIGURE

~

Inter-theme

Bridge (L)	Share	Hazard to air navigation (L)
Bridge (L)	Share	Limited-use road (L)
Bridge (L)	Share	Railway (L)
Bridge (L)	Share	Road (L)

Note : _____

* When a road and a railway are physically supported by a single structure, they are represented by more than one "bridge" occurrence in a data set. Accordingly, the number of bridge entities in a data set does not always correspond to the actual number of structures.

Building
Bâtiment

Permanent walled and roofed construction.

FIXED ATTRIBUTES

Building Function:

(0) Generic/Unknown

(1) Arena: An enclosed, large surface used for sporting activities.

(2) Armoury: A building used by the militia.

(3) Barn/machinery shed: A large utility building on a farm complex.

(4) Cabin: A building in a remote or wilderness area.

(5) City hall: A building where the principal offices of a city administration are located.

(6) Coast guard station: A building housing the Coast Guard administrative offices.

(7) Community centre: A public building in which community gatherings and/or sporting activities are held.

(8) Courthouse: A public building housing the judicial courts.

(9) Customs post: A structure near or at an international boundary where travellers and vehicles crossing the border are inspected.

(10) Dome: A structure with a roof formed by grouped, rounded arches rising from a round base, normally used for storing salt or sand for road maintenance.

(11) Electric power station: A building where electricity is generated.

(12) Fire station: A building housing fire-fighting equipment.

(13) Fish hatchery: Where fish are hatched under controlled conditions.

(14) Grain elevator: A building used for the storage of grain, usually located along a railway.

(15) Hall: A building used for assembly.

(16) Highway service centre: A building beside and directly accessible from the highway, providing automotive services and restaurant facilities.

(17) Hospital: An institution where sick or injured people receive medical care

(18) Kiln (tobacco): A permanent, heated enclosure used for drying tobacco.

(19) Medical centre: Replaces a full service hospital in satellite communities or other areas without hospital services.

(20) Municipal hall: Where the main offices of a municipal administration are located.

(21) Museum: A public building set aside for the exhibition of natural, historic, artistic, or scientific objects.

(22) Observatory: A building equipped for astronomical observations

(23) Gas and oil facilities building: A building or structure dedicated to in the production or distribution of chemical products represented by the entity "Gas and oil Facilities" if its area is less than 30 m.

(24) Other: A residential, public, or commercial building with a function other than those listed herein. If the "Other" building is not residential, public, or commercial, its size must be greater than 10m X 10m. In the case of farm complexes, such a building other than "Barn/machinery shed" must be greater than 30m.

(25) Parliament building: A building in which the elected or appointed members of provincial or federal governments meet and enact laws.

2D ✔   **3D** ☐

Building
Bâtiment

FIXED ATTRIBUTES (continued)

Building Function:

(26) Police station: The main offices of a local or regional police force, including the RCMP.

(27) Railway station: A building along a railway where the train stops to load and unload passengers or freight.

(28) Sanatorium: A building used for the care and rehabilitation of people with mental or physical disorders.

(29) Satellite-tracking station: A building containing receiving devices to record information from satellites.

(30) Senior citizens home: A residence where cares are provided to the elderly.

(31) Shopping centre: A building that contains a large number of individual retail outlets. Represented by "Building (Other)" if its area is less than 30 m.

(32) Sportsplex: A building providing facilities for various sporting and recreational activities.

(33) Trading post: A building, in a remote area, where goods are purchased or exchanged.

(34) Warden/Ranger station: A building housing national/provincial park or forestry administrative offices.

(35) Weigh scale (highway): A complex along a highway for weighing commercial vehicles.

(36) Greenhouse: A building covered with a transparent material in which plants are grown.

(37) Industrial building: A building for manufacturing products, processing or preserving raw materials, or producing energy outlets. Represented by "Building (Other)" if its area is less than 30 m.

Industrial building replaces the following attributes values: steel mill, shipyard, cement plant, factory, sawmill, lumber mill, plant, automobile plant, chemical plant, water treatment plant, filtration plant, sewage treatment plant, pulp/paper mill, fish processing plant, petroleum refinery.

(38) Religious building: A building serving as a place of worship or residence for a Christian or non-Christian religious order. Religious building replaces the following attributes values: convent, church, non-Christian place of worship, monastery.

(39) Penal building: A facility for confining or rehabilitating of persons convicted of breaking the law. Penal facilities replaces the following attributes: correctionnal institute, reformatory, penitentiary.

(40) Lodging facilities: A building where restaurant services and sleeping accommodations are provided on a rental basis. Logging facilities replaces the following attributes: hostel, hotel, motel.

(41) Educational building: An institution for elementary, secondary, or post-secondary education. Educational building replaces the following attributes: college, school, seminary, university.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER (S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Building (continued)
Bâtiment

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	105	105		4201	105		
arena	106	106		4202			
armoury	107	107		4203			
barn/machinery shed	109	109		4205			
cabin	110	110		4206	110		
city hall	114	114		4210			
coast guard station	115	115		4211	115		
community centre	117	117		4213			
courthouse	120	120		4216			
customs post	121	121		4217	121		
dome	122	122		4218			
educational building	179	179		4275	179		
electric power station	123	123		4219	123		
fire station	126	126		4222			
fish hatchery	128	128		4224			
gas and oil facilities building	146			4242			
grain elevator	130	130		4226			
greenhouse	174	174		4270			
hall	131	131		4227			
highway service centre	132	132		4228	132		
hospital	133	133		4229			
industrial building	177			4273			
kiln (tobacco)	136	136		4232			
lodging facilities	176	176		4272			
medical centre	139	139		4235			
municipal hall	142	142		4238			
museum	143	143		4239			
observatory	145	145		4241			
other	147	147		4243			
parliament building	149	149		4245			
penal building	175	175		4271			
police station	153	153		4249	153		
railway station	155	155		4251	155		
religious building	178	178		4274	178		
sanatorium	157	157		4253			
satellite-tracking station	158	158		4254			
senior citizens home	162	162		4258			
shopping centre	165			4261			
sportsplex	166	166		4262			
trading post	168	168		4264	168		
warden/ranger station	170	170		4266	170		
weigh scale (highway)	172	172		4268			

	1 : 50 000			1 : 250 000		
GUARANTEED SIZE (metres)	↗ •	~	▦	↗ •	~	▦
Range >	0		30	0		
Width >						
Length >						

RELATIONS	FIGURE
●	

Intra-theme

Building (P)   Connect   Building (P)
Building (P)   Connect   Tower (P)

Inter-theme

Building (P)   Connect   Gas and oil facilities (P)
Building (P)   Connect   Navigational aid (P)

α

Road   x

Building

(Orientation taken along
building's main axis)

▦

Intra-theme

Building (A)   Share   Building (A)

Buil-up area : other

Road

(3)

Building (A)

(2)

(1)

Inside the built-up area:
   (1) : Building (A) superimposed
Outside the built-up area:
   (2) : Building (A) adjacent
   (3) : Building (A)

Note : _____

Built-up area
Agglomération

A populated zone where buildings are so close together that, for cartographic purpose, they are represented by a built-up area outline.

FIXED ATTRIBUTES

Built-up Area Type:

(0) Generic/Unknown

(1) Mobile home park: A zone where mobile homes used as permanent residences are established in close proximity.

(2) Other: Other than "mobile home park."

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

| Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	184			4280	184		4280
mobile home park	186			4282			
other	185			4281			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			300*	0		500
Width >						
Length >						

2D ✔ **3D** ☐

Built-up area
Agglomération

RELATIONS	FIGURE
●	

Inter-theme

Built-up area (P)	connect	Limited-use road (L)
Built-up area (P)	connect	Railway (L)
Built-up area (P)	connect	Road (L)

Intra-theme

Built-up area (A)	share	Built-up area (A)
Built-up area (A)	share	Liquids depot/Dump (A)

Inter-theme

Built-up area (A)	share	Amusement park (A)
Built-up area (A)	share	Auto wrecker (A)
Built-up area (A)	share	Botanical garden (A)
Built-up area (A)	share	Campground (A)
Built-up area (A)	share	Cemetery (A)
Built-up area (A)	share	Drive-in theatre (A)
Built-up area (A)	share	Exhibition ground (A)
Built-up area (A)	share	Fort (A)
Built-up area (A)	share	Gas and oil facilities (A)
Built-up area (A)	share	Golf course (A)
Built-up area (A)	share	Golf driving range (A)
Built-up area (A)	share	Limited-use road (L)
Built-up area (A)	share	Lumber yard (A)
Built-up area (A)	share	Navigable canal (A)
Built-up area (A)	share	Park/Sports field (A)
Built-up area (A)	share	Picnic site (A)
Built-up area (A)	share	Road (L)
Built-up area (A)	share	Transformer station (A)
Built-up area (A)	share	Vegetation (A)
Built-up area (A)	share	Waterbody (A)
Built-up area (A)	share	Zoo (A)

(1) : Superimposed building
(2) : Adjacent building

Note : _____

*   The guaranteed size for a mobile home park is 100 m.

Camp
Camp

A place where tents or buildings serve as temporary residences for members of an organization, such as a summer camp, vacation resort, or scout camp. Logging camps are not included under this entity.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	206	206					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✓ **3D** ☐

Camp
Camp

RELATIONS
None

Note : _____

Campground
Terrain de camping

A parcel of land developed for camping in tents, campers, or trailers.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	217	217		4313	217		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		100	0		
Width >						
Length >						

2D ✔   **3D** ☐

Campground
Terrain de camping

RELATIONS	FIGURE
●	
None	None
▦	
Inter-theme	
Campgroung (A)　　　　Share　　　　Built-up area (A)	None

Note : _____

Cave entrance
Entrée de caverne

A passageway to a natural underground chamber.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	239	239					
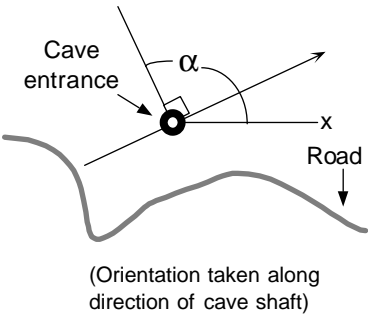
GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0					
Width >						
Length >						

2D ✔ **3D** ☐

Cave entrance
Entrée de caverne

RELATIONS	FIGURE
None	

Note : _____

Cemetery
Cimetière

A place where the remains of people are buried.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	250	250		4346			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		100			
Width >						
Length >						

Cemetery
Cimetière

2D ✔   3D ☐
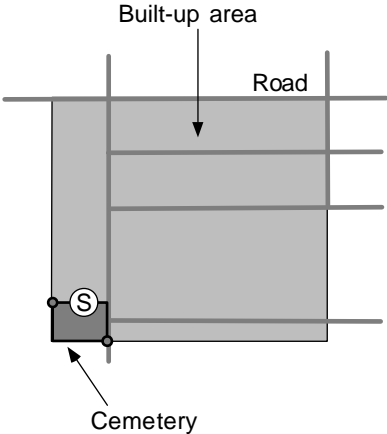
RELATIONS	FIGURE
●	
None	None
▨	
Inter-theme Cemetery (A) Share Built-up area (A)	

Built-up area

Road

Ⓢ

Cemetery

Note : _____

Chimney
Cheminée

An upright flue through which combustion gases and smoke are discharged into the air.

FIXED ATTRIBUTES

Chimney Type:

(0) Generic/Unknown

(1) Flare stack: A chimney-like structure used to burn off exhaust gases.

(2) Industrial: A chimney used by industries or institutional buildings, excluding flare stacks and burners.

(3) Burner: A permanent structure used for the disposal of wood waste products by burning

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	261	261			261		
burner	264	264					
flare stack	262	262			262		
industrial	263	263			263		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >	0			0*		
Width >						
Length >						

2D ✔   **3D** ☐

Chimney
Cheminée

RELATIONS	FIGURE

●

Inter-theme

Chimney (P)   Connect   Hazard to air navigation (P)

Road

Building

Chimney

Hazard to air navigation
(≥ 30 m)

Note : _____
*   Only chimneys shown at the 1:250 000 scale must be connected to the entity "Hazard to Air Navigation" and the variable attribute "height" must be > 60 m.

Conduit
Conduit

An artificial system, such as an aqueduct, a penstock, a flume, or a sluice, designed to carry water for other than drainage purposes

---

FIXED ATTRIBUTES

Conduit Relationship to the Ground:

(0) Unknown: Impossible to determine the relationship to the ground of the conduit from the data source.

(1) Ground level: Above the surface of the ground.

(2) Underground: Below the surface of the ground.

Conduit Type:

(0) Unknown: Impossible to determine the type of conduit from the data source.

(1) Other: Other than "penstock."

(2) Penstock: A conduit that carries water to the turbine in a power-generating station.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	274		2322			2322	
ground level, other	277		2325			2325	
ground level, penstock	275		2323			2323	
ground level, unknown	279		2327			2327	
underground, other	278		2326			2326	
underground, penstock	276		2324			2324	
underground, unknown	280		2328			2328	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		500*			2500*	

2D ✓   **3D** ☐
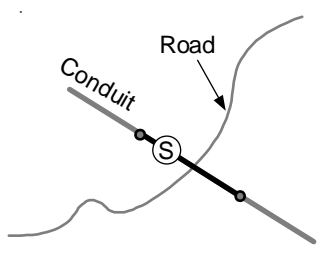
Conduit
Conduit

RELATIONS	FIGURE

~

Intra-theme

Conduit (L)	Connect	Conduit (L)
Conduit (L)	Connect	Dam (P)
Conduit (L)	Connect	Dam (L)
Conduit (L)	Connect	Watercourse (L)
Conduit (L)	Connect	Waterbody (A)

Inter-theme

Conduit (L)	Connect	Liquids depot/dump(P)
Conduit (L)	Connect	Liquids depot/dump(A)
Conduit (L)	Share	Conduit bridge (L)

Liquids depot/dump

Watercourse

Liquids depot/dump

Conduit

Conduit

Dam:sluice gate

Waterbody

Note : _____
*   The minimum length for penstocks is 250 m at the 1:50 000 scale and 1 250 m at the 1:250 000 scale.

Conduit bridge
Pont de canalisation

A structure used to support a conduit across an obstacle.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	289		2337				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >						
Width >						
Length >		50				

2D ✔ **3D** ☐

Conduit bridge
Pont de canalisation
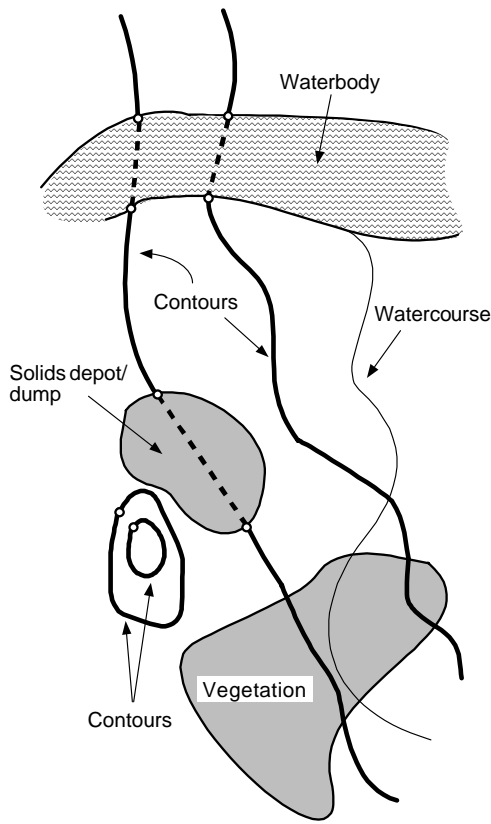
RELATIONS	FIGURE

~

Inter-theme

Conduit bridge (L) Share Conduit (L)

Note : _____

Contour
Courbe de niveau

A continuous line formed of vertices located at a constant elevation from mean sea level (MSL). It is used for a description of the terrain relief.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Contour Type:	None
(1) Depression: Contour representing a depression in the terrain relief where no surface drainage exists.	
(2) Other: Other than "depression."	
Contour Generation:	
(0) Unknown: Impossible to determine the generation method used.	
(1) Collected: Contour directly compiled from the source material with a collection method during a data acquisition process.	**AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)**
(2) Derived: Other than collected.	• Position definite
	• Position approximate*

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1558		3606			3606	
depression, collected	1559		3607			3607	
depression, derived	1560		3608			3608	
depression, unknown	1564		3612			3612	
other, collected	1561		3609			3609	
other, derived	1562		3610			3610	
other, unknown	1563		3611			3611	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		0			0	

Contour
Courbe de niveau

2D ☐   3D ✔

RELATIONS	FIGURE

~

Intra-theme

Contour (L)   Connect   Contour (L) **

Inter-theme

Contour (L)	Connect	Liquids depot/dump (A)
Contour (L)	Connect	Mining area (A)
Contour (L)	Connect	Navigable canal (A)
Contour (L)	Connect	Permanent snow and ice (A)
Contour (L)	Connect	Slip (A)
Contour (L)	Connect	Solids depot/dump (A)
Contour (L)	Connect	Waterbody (A)

Note : _____
*   Each occurrence of a contour that crosses an altimetric exclusion area will have an approximate geometric representation qualifier.
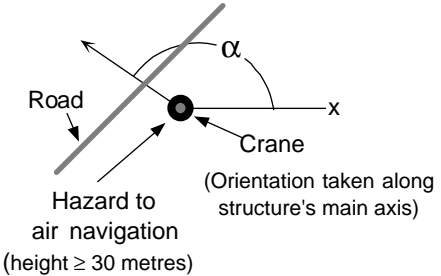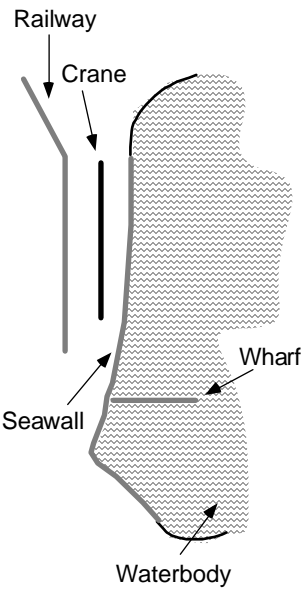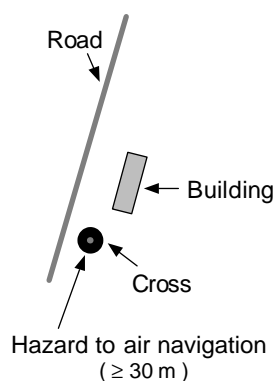**   Connection is authorized solely for contours at the same elevation.

Conveyor
Convoyeur

A mechanical apparatus used to carry materials by means of a moving belt

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None
	AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S) • Position definite • Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	300		2348			2348	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		250			1250	

Conveyor
Convoyeur

2D ✔   3D ☐

RELATIONS	FIGURE

Intra-theme

Conveyor (L)   Connect   Conveyor (L)

Solids depot
/dump

Conveyor

Building

Note : _____

Crane
Grue

A mechanical device used to lift and move heavy objects.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Crane Type:	None
(0) Generic/Unknown	
(1) Moveable: A crane mounted on rails for limited movement.	
(2) Stationary: A crane mounted on a permanent base.	
	AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)
	• Position definite
	• Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	311	311	2359				
moveable	312		2360				
stationary	313	313					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0					
Width >						
Length >		100				

2D ✓ **3D** ☐

Crane
Grue

RELATIONS	FIGURE
↗ **Inter-theme** Crane (P) Connect Hazard to air navigation (P)	
~ **Inter-theme** Crane (L) Share Hazard to air navigation (L)	

Note : _____

Cross
Croix

A structure of 20 m or more in height in the shape of a cross erected in honour of a historical event.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	324	324					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔   **3D** ☐

Cross
Croix

RELATIONS	FIGURE

●

Inter-theme

Cross (P)   Connect   Hazard to air navigation (P)

Road

Building

Cross

Hazard to air navigation
(≥ 30 m)

Note : _____

Cut
Déblai

A surface excavation made so that a uniform grade can be maintained on a road or railway.

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values		NTDB code	1 : 50 000			1 : 250 000		
			●	~	▦	●	~	▦
generic/unknown		335			4431			4431

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >			0			0
Length >			250			1250

2D ✔ **3D** ☐

Cut
Déblai

RELATIONS	FIGURE
None	

Note : _____

* Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Cut line
Percée

A line cut through a forest area to facilitate cadastral or seismic surveys, or to create firebreaks.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Cut Line Type: (0) Generic/Unknown (1) Firebreak: Cleared land or a manmade barrier intended to prevent the spread of fire. (2) Other: Other than "firebreak."	None **AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)** • Position definite • Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	346		2394			2394	
firebreak	347		2395				
other	348		2396				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		500			2500	

2D ✔   **3D** ☐

Cut line
Percée

RELATIONS	FIGURE

~

Intra-theme

    Cut line (L)   Connect   Cut line (L)

Inter-theme

    Cut line (L)   Connect   Trail (L)

Vegetation

Cut line

Trail

Note : _____

Dam
Barrage

A manmade structure built across a waterbody or watercourse to control the water flow.

FIXED ATTRIBUTES

Dam Type:

(0) Generic/Unknown

(1) Other: All other than "sluice/gate."

(2) Sluice gate: A device for regulating water through a sluice or irrigation canal.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗●	~	▦	↗●	~	▦
generic/unknown	359	359	2407	4455	359	2407	4455
other	360	360	2408	4456	360	2408	4456
sluice gate	361	361	2409				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗●	~	▦	↗●	~	▦
Range >	0			0		
Width >		0	50		0	250
Length >		25	100		125	500

2D ✔ **3D** ☐

Dam
Barrage

RELATIONS	FIGURE

Intra-theme

Dam (P)	Connect	Conduit (L)
Dam (P)	Connect	Watercourse (L)
Dam (P)	Connect	Waterbody (A)

Inter-theme

Dam (P)	Connect	Limited-use road (L)
Dam (P)	Connect	Road (L)

Waterbody

Dam (P)

(Direction at right angle to the water stream)

~

Intra-theme

Dam (L)	Connect	Conduit (L
Dam (L)	Connect	Dam (L)
Dam (L)	Connect	Dike/Levee (L)
Dam (L)	Connect	Watercourse (L)
Dam (L)	Connect	Waterbody (A)
Dam (L)	Share	Waterbody (A)

Inter-theme

Dam (L)	Share	Limited-use road (L)
Dam (L)	Share	Liquids depot/Dump (A)
Dam (L)	Share	Railway (L)
Dam (L)	Share	Road (L)
Dam (L)	Share	Trail (L)

Road

Dam (L)

Ⓢ Watercourse

Road

Watercourse

▓

Intra-theme

Dam (A)	Connect	Dike/Levee (L)
Dam (A)	Connect	Watercourse (L)
Dam (A)	Share	Waterbody (A)

Inter-theme

Dam (A)	Connect	Limited-use road (L)
Dam (A)	Connect	Railway (L)
Dam (A)	Connect	Road (L)
Dam (A)	Share	Liquids depot/Dump (A)

Dike/Levee (L)

Dam (A)

Watercourse

Waterbody

Note : _____

Disappearing stream
Exsurgence

Extremity of a watercourse or a natural depression where water disappears into the ground.

| FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Disappearing Stream Type: (0) Generic/Unknown (1) Other: Extremity of a watercourse other than "sinkhole." (2) Sinkhole: A hole formed in soluble rock by the action of percolating water.	None **AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)** • Position definite • Position approximate

Autorized combinations of attribute values	NTDB Code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	370	370			370		
other	371	371			371		
sinkhole	372	372			372		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔   **3D** ☐

Disappearing stream
Exsurgence

RELATIONS	FIGURE

Intra-theme

Disappearing stream (P)   Connect   Watercourse (L)

Disappearing
stream : sinkhole

Waterbody

α

x Contour :
depression

Disappearing
stream : other
(Downstream
direction)

Watercourse

Disappearing
stream : sinkhole

Note : _____

Discontinuity point
Point de discontinuité

The point at which a road ends and is not connected.

FIXED ATTRIBUTES

Discontinuity point Type:

(0) Generic/Unknown

(1) Dead end: The point at which a road ends and is not connected to any other road within a radius of 25 m of the end of the road.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1590	1590			1590		
dead end	1591	1591			1591		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔ **3D** ☐

Discontinuity point
Point de discontinuité

RELATIONS	FIGURE
●	

Intra-theme

    Discontinuity point (P)   Connect   Road (L)

None

Inter-theme

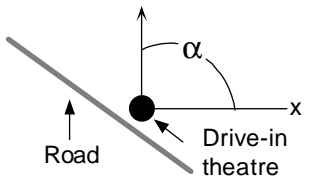   Discontinuity point(P)   Connect   Limited-use road (L)

Note : _____

Drive-in theatre
Ciné-parc

An open-air facility that where people can view motion pictures while seated in their vehicles.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗●	~	▦	↗●	~	▦
generic/unknown	383	383		4479			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗●	~	▦	↗●	~	▦
Range >	0		100			
Width >						
Length >						

2D ✔   **3D** ☐

Drive-in theatre
Ciné-parc

RELATIONS	FIGURE
None	

(Orientation taken from projector to screen)

Inter-theme

Drive-in theatre (A)	Share	Built-up area (A)
Drive-in theatre (A)	Share	Vegetation (A)

Built-up area

Road

Drive-in theatre

Vegetation

Note : _____

Dry river bed
Lit de cours d'eau tari

The portion of a river bed that is normally dry but, due to natural causes or human intervention, is subject to periodic flooding.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	394			4490			4490

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			500
Width >						
Length >						

2D ✔ **3D** ☐

Dry river bed
Lit de cours d'eau tari

RELATIONS	FIGURE

▪

Intra-theme

Dry river bed (A)   Share   Waterbody (A)

Inter-theme

Dry river bed (A)   Share   Vegetation (A)

Waterbody

Dry river bed

Watercourse

Note : _____

Dyke/Levee
Digue/Levée

An embankment built to restrict the flow of water or other liquids

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None
	AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S) • Position definite • Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000 ●	1 : 50 000 ~	1 : 50 000 ▦	1 : 250 000 ●	1 : 250 000 ~	1 : 250 000 ▦
generic/unknown	429		2477			2477	

GUARANTEED SIZE (metres)

	1 : 50 000 ●	1 : 50 000 ~	1 : 50 000 ▦	1 : 250 000 ●	1 : 250 000 ~	1 : 250 000 ▦
Range >						
Width >						
Length >		150			500	

2D ☑   **3D** ☐

Dyke/Levee
Digue/Levée

RELATIONS	FIGURE

~

Intra-theme

Dyke/Levee (L)	Connect	Dam (L)
Dyke/Levee (L)	Connect	Dam (A)
Dyke/Levee (L)	Connect	Dyke/Levee (L)
Dyke/Levee (L)	Connect	Waterbody (A)
Dyke/Levee (L)	Share	Waterbody (A)

Inter-theme

Dyke/Levee (L)	Share	Limited-use road (L)
Dyke/Levee (L)	Share	Road (L)
Dyke/Levee (L)	Share	Trail (L)

Note : _____

Elevation point
Point d'élévation

Point whose precise elevation with respect to mean sea level is known.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
	None

FIXED ATTRIBUTES

Elevation Point Type:

(0) Generic/Unknown

(1) Precise altitude: Elevation point at ground level obtained from a space triangulation or from levelling.

(2) Spot height: Stereoscopic point at ground level obtained from a data-collection process. It is strategically located to complement the altimetric description of the terrain (relief) provided with contours.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	1573	1573			1573		
precise altitude	1575	1575			1575		
spot height	1576	1576			1576		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >	0			0		
Width >						
Length >						

2D ☐   **3D** ☑

Elevation point
Point d'élévation

RELATIONS	FIGURE
●	

Inter-theme

Elevation point (P)	Connect	Lookout (P)
Elevation point (P)	Connect	Tower (P)

FIGURE: None

Note : _____

Embankment
Remblai

A raised structure of earth that has been built up to support a road or railway.

FIXED ATTRIBUTES

Embankment Type:

(0) Generic/Unknown

(1) Causeway: An embankment built across a wet area.

(2) Other: An embankment on dry land.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000 ●	~	▓	1 : 250 000 ●	~	▓
generic/unknown	440			4536			4536
causeway	442			4538			4538
other	441			4537			4537

GUARANTEED SIZE (metres)

	1 : 50 000 ●	~	▓	1 : 250 000 ●	~	▓
Range >						
Width >			0			0
Length >			250			1250

2D ✓   **3D** ☐

Embankment
Remblai

RELATIONS	FIGURE
None	Embankment : other Railway Road Embankment : causeway

Note : _____
*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Esker
Esker

A narrow, sinuous, steep-sided ridge composed of sand or gravel that was deposited by a glacial stream.*

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▩	●	~	▩
generic/unknown	451		2499			2499	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▩	●	~	▩
Range >						
Width >						
Length >		500			2500	

Esker
Esker

2D ✔ 3D ☐

RELATIONS
None

Note : _____

*   Only those eskers that cannot be deduced from contours.

Exhibition ground
Terrain d'exposition

A public area containing buildings used for amusement and display purposes.

FIXED ATTRIBUTES

Exhibition Ground Type:

(0) Generic/Unknown

(1) Other: In urban areas.

(2) Fairground: In rural areas.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	462			4558			
fairground	464			4560			
other	463			4559			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >			100			
Width >						
Length >						

2D ✔   **3D** ☐

Exhibition ground
Terrain d'exposition

RELATIONS	FIGURE
▪️	
Inter-theme	
Exhibition ground (A)　　Share　　Built-up area (A)	None

Note : _____

Ferry route
Traverse

The water route a ferry follows when transporting vehicles and passengers.

FIXED ATTRIBUTES
None

VARIABLE ATTRIBUTES
None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗•	~	▓	↗•	~	▓
generic/unknown	508	508	2556		508	2556	

GUARANTEED SIZE (metres)
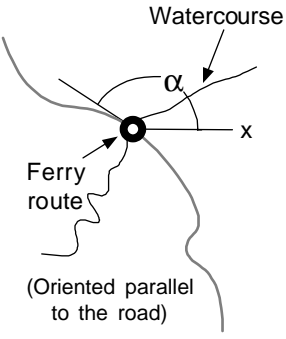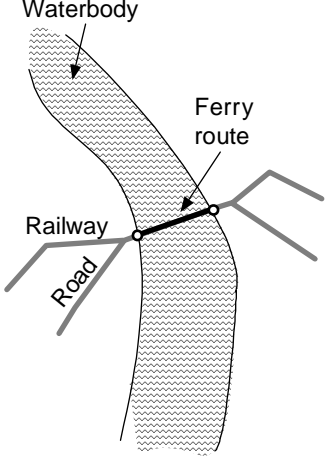
	1 : 50 000			1 : 250 000		
	↗•	~	▓	↗•	~	▓
Range >	0			0		
Width >						
Length >		25			125	

2D ✔ **3D** ☐

Ferry route
Traverse

RELATIONS	FIGURE

⬆

Intra-theme

Ferry route (P) Connect Road (L)

Inter-theme

Ferry route (P) Connect Limited-use road (L)
Ferry route (P) Connect Watercourse (L)

Watercourse

α

x

Ferry
route

(Oriented parallel
to the road)

~

Intra-theme

Ferry route (L) Connect Ferry route (L)
Ferry route (L) Connect Road (L)

Inter-theme

Ferry route (L) Connect Limited-use road (L)
Ferry route (L) Connect Railway (L)
Ferry route (L) Connect Waterbody (A)
Ferry route (L) Connect Wharf (L)

Waterbody

Ferry
route

Railway

Road

Note : _____

Fish ladder
Échelle à poissons

A constructed series of pools arranged like steps to enable fish to pass an obstacle. Fish ladders are also referred to as fish ways, fish passes, and fish passage facilities.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position approximate

Autorized combinations of attribute values		NTDB code	1 : 50 000			1 : 250 000		
			↗ ●	~	▦	↗ ●	~	▦
generic/unknown		519	519					

GUARANTEED SIZE (metres)
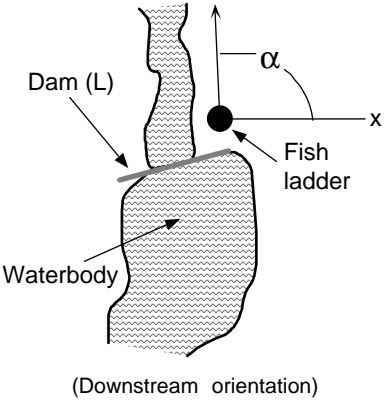
	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0					
Width >						
Length >						

2D ✔   **3D** ☐

Fish ladder
Échelle à poissons

RELATIONS	FIGURE
None	(Downstream orientation)

Note : _____

Fish pound
Vivier

A manmade enclosure within a body of water where fish are contained.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	530			4626			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			150			
Width >						
Length >						

Fish pound
Vivier

RELATIONS	FIGURE

Intra-theme

Fish pound (A)   Share   Waterbody (A)

Inter-theme

Fish pound (A)   Connect   Pond partition (L)

Note : _____

Footbridge
Passerelle

A bridge for pedestrians, bicycles, and occasionally some types of light recreational vehicles. Footbridges are used for crossing major arteries (urban areas) or obstructions such as streams, rivers, and deep depressions along trails.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	552		2600				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		10				

2D ✔   **3D** ☐

Footbridge
Passerelle

RELATIONS	FIGURE

~

Inter-theme

     Footbridge (L)   Share   Trail (L)

Waterbody

Footbridge

Trail

S

Note : _____

Ford
Gué

A shallow part of a watercourse suitable for crossing by people or vehicles.

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗●	~	▨	↗●	~	▨
generic/unknown	563	563	2611				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗●	~	▨	↗●	~	▨
Range >	0					
Width >						
Length >		25				

2D ☑   **3D** ☐

Ford
Gué

RELATIONS	FIGURE

↗

Intra-theme

Ford (P)	Connect	Limited-use road (L)
Ford (P)	Connect	Trail (L)

Inter-theme

Ford (P)	Connect	Road (L)
Ford (P)	Connect	Watercourse (L)

Limited-use road

Watercourse

α

x

Ford

(Oriented parallel to the road)

~

Intra-theme

Ford (L)	Connect	Limited-use road (L)
Ford (L)	Connect	Trail (L)

Inter-theme

Ford (L)	Connect	Road (L)
Ford (L)	Connect	Waterbody (A)

Waterbody

Ford

Limited-use road

Road

Note : _____

Fort
Fort

An historic military defensive building or complex with defensive structures such as walls and towers.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	585			4681			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			30			
Width >						
Length >						

2D ✓   **3D** ☐

Fort
Fort

RELATIONS	FIGURE

Inter-theme

Fort (A)	Share	Built-up area (A)
Fort (A)	Share	Vegetation (A)

Built-up area

Vegetation

Road

Fort

Note : _____

Gas and oil facilities
Installations gaz et pétrole

An area involved in the production or distribution of oil or natural-gas products.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	788	788		4884	788		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		100	0		
Width >						
Length >						

2D ☑   **3D** ☐

Gas and oil facilities
Installations gaz et pétrole

RELATIONS	FIGURE
●	
Inter-theme	
Gas and oil facilities (P) Connect Building (P)	None
~	
Inter-theme	
Gas and oil facilities (A) Share Built-up area (A) Gas and oil facilities (A) Share Vegetation (A)	None

Note : _____

Golf course
Terrain de golf

An area designed for the playing of golf.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values		NTDB code	1 : 50 000			1 : 250 000		
			●	~	▓	●	~	▓
generic/unknown		596			4692			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >			100			
Width >						
Length >						

2D ☑   **3D** ☐

Golf course
Terrain de golf

RELATIONS	FIGURE
▪	
Inter-theme	None
Golf course (A) Share Built-up area (A)	

Note : _____

Golf driving range
Terrain de pratique de golf

A parcel or tract of land developed specifically for practicing golf shots.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	607	607		4703			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		100			
Width >						
Length >						

2D ✔   **3D** ☐

Golf driving range
Terrain de pratique de golf

RELATIONS	FIGURE
●	
None	None
▪	
Inter-theme	None
Golf driving range (A)　　　Share　　　Built-up area (A) Golf driving range (A)　　　Share　　　Vegetation (A)	

Note : _____

Hazard to air navigation
Obstacle à la navigation aérienne

An area containing a structure or landform high enough to create a hazard to air navigation.

FIXED ATTRIBUTES

Type of Hazard to Air Navigation:

(0) Generic/Unknown

(1) Parabolic antenna: A dish-like structure, sometimes enclosed in a dome; required if its height ≥ 30 m.

(2) Chimney: An upright flue through which combustion gases and smoke are discharged into the air; required if its height ≥ 30 m.

(3) Tank: A cylindrical receptacle used for storage; required if its height ≥ 30 m.

(4) Cross: A structure in the shape of a cross used as a decoration and erected in honour of a historical event.; required if its height ≥ 30 m.

(5) Wind-operated device: A structure used to develop power from the wind; required if its height ≥ 30 m.

(6) Crane: A mechanical device used to lift and move heavy objects from one place to another; required if its height ≥ 30 m.

(7) Water disturbance: A site at which the natural flow of surface water is disturbed or impeded due to a change in slope; required if its height ≥ 3 m.

(8) Bridge: A structure erected along a travelled route to span a depression or obstacle and to ensure the continuity of the road and railway network; required if its height ≥ 60 m.

(9) Navigational aid: A structure for guiding marine navigators; required if its height ≥ 30 m.

(10) Tower: A structure built to provide clearance above the surrounding objects or features; required if its height ≥ 30 m.

(11) Aerial cableway: A transportation device for freight or passengers consisting of a carrier and a cable supported by towers; the height of aerial cableways is always "unknown."

VARIABLE ATTRIBUTES

Height of the hazard

Height of the hazard (metres).

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB Code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	1720	1720	3768		1720	3768	
aerial cableway	1730		3778			3778	
bridge	1728		3776			3776	
chimney	1722	1722			1722		
crane	1726	1726	3774				
cross	1724	1724					
navigational aid	1729	1729			1729		
parabolic antenna	1721	1721					
tank	1723	1723	3771		1723		
tower	1731	1731			1731		
water disturbance	1727	1727	3775		1727	3775	
wind-operated device	1725	1725					

2D ✔   **3D** ☐

Hazard to air navigation
Obstacle à la navigation aérienne

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >		0			0	

RELATIONS	FIGURE
●	
Inter-theme	
Hazard to air navigation (P) Connect Chimney (P) Hazard to air navigation (P) Connect Crane (P) Hazard to air navigation (P) Connect Cross (P) Hazard to air navigation (P) Connect Navigational aid (P) Hazard to air navigation (P) Connect Parabolic antenna (P) Hazard to air navigation (P) Connect Tank (P) Hazard to air navigation (P) Connect Tower (P) Hazard to air navigation (P) Connect Water disturbance (P) Hazard to air navigation (P) Connect Wind-operated device (P)	None
~	
Inter-theme	
Hazard to air navigation (L) Share Aerial cableway (L) Hazard to air navigation (L) Share Bridge (L) Hazard to air navigation (L) Share Crane (L) Hazard to air navigation (L) Share Tank (A) Hazard to air navigation (L) Share Water disturbance (L)	None

Note: _____

Hazard to navigation
Entrave à la navigation

A natural or manmade obstacle that is a danger to marine operations.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Hazard to navigation Type: (0) Generic/Unknown (1) Rock in water: A rock or earthen formation always visible above the water surface. (2) Exposed shipwreck: The remains of a grounded ship that is partially above the water surface. (3) Obstacle in water: A navigation hazard, such as an abandoned bridge pier (a structure in the water that was formerly used to support a bridge) or a crib (a crate-like structure of logs or beams, filled with stones, that is used as an offshore anchorage).	None **AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)** • Position definite • Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1680	1680			1680		
exposed shipwreck	1682	1682					
obstacle in water	1683	1683					
rock in water	1681	1681			1681		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔   **3D** ☐
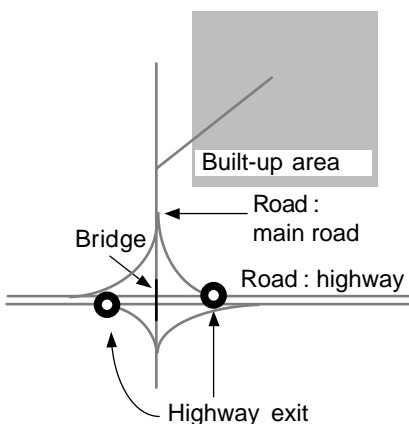
Hazard to navigation
Entrave à la navigation

RELATIONS	FIGURE
●	
Inter-theme	None
Hazard to navigation (P) Connect Navigational aid (P)	

Note : _____

Highway exit
Sortie d'autoroute

The intersection of a highway or a main road and another road arranged so that vehicles may move from one road to the other without crossing the streams of traffic. In some cases, highway exit do not include ramps.

FIXED ATTRIBUTES

None

VARIABLE ATTRIBUTES

Highway exit number

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1640	1640			1640		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ☑   **3D** ☐

Highway exit
Sortie d'autoroute

RELATIONS	FIGURE

●

Intra-theme

Highway exit (P)   Connect   Road (L)

Built-up area

Road :
main road

Bridge

Road : highway

Highway exit

Note : _____

Historic site/Point of interest
Lieu historique/Lieu d'intérêt

A site or area declared to be of national or provincial historic significance that is maintained for the public.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	640	640			640		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔   **3D** ☐

Historic site/Point of interest
Lieu historique/Lieu d'intérêt

RELATIONS	FIGURE
●	
Intra-theme	
Historic site/Point of interest (P)　　Connect　　Lookout (P)	None

Note : _____

Kelp
Varech

An area on the surface of coastal waters covered with seaweed.

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	662			4758			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			500			
Width >						
Length >						

2D ✔   **3D** ☐
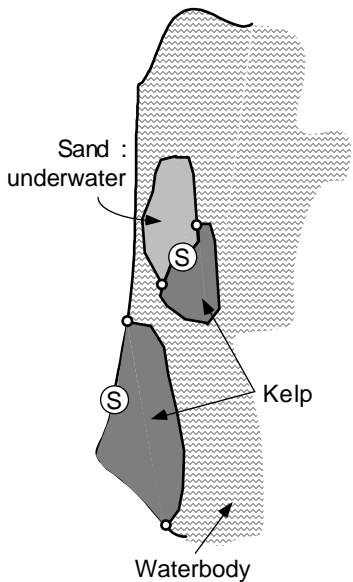
Kelp
Varech

RELATIONS	FIGURE

Intra-theme

Kelp (A)	Share	Sand (A)
Kelp (A)	Share	Waterbody (A)

Sand : underwater

Kelp

Waterbody

Note : _____

Limited-use road
Route d'accès limité

A road whose conditions vary depending on the season or to which public access is denied.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Limited-use Road Classification:	None

FIXED ATTRIBUTES

Limited-use Road Classification:

(0) Generic/Unknown

(1) Winter: A road that is useable only in the winter because it passes over lakes and wetlands.

(2) Cart track: A road receiving minimal maintenance that is only suitable for all-terrain vehicles.

(3) Dry weather: A road with a surface that is suitable for traffic other than offhighway vehicles only in dry weather.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1645		3693			3693	
cart track	1646		3694			3694	
dry weather	1648		3696			3696	
winter	1647		3695			3695	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		0			1600	

2D ☑ **3D** ☐

Limited-use road
Route d'accès limité

RELATIONS	FIGURE

~

Intra-theme

Limited-use road (L)	Connect	Ford (P)
Limited-use road (L)	Connect	Ford (L)
Limited-use road (L)	Connect	Limited-use road (L)
Limited-use road (L)	Connect	Trail (L)

Inter-theme

Limited-use road (L)	Connect	Barrier/Gate (P)
Limited-use road (L)	Connect	Built-up area (P)
Limited-use road (L)	Connect	Dam (P)
Limited-use road (L)	Connect	Dam (A)
Limited-use road (L)	Connect	Discontinuity point (P)
Limited-use road (L)	Connect	Ferry (P)
Limited-use road (L)	Connect	Ferry (L)
Limited-use road (L)	Connect	Railway (L)
Limited-use road (L)	Connect	Road (L)
Limited-use road (L)	Share	Bridge (L)
Limited-use road (L)	Share	Built-up area (A)
Limited-use road (L)	Share	Dam (L)
Limited-use road (L)	Share	Dike/Levee (L)
Limited-use road (L)	Share	Railway (L)
Limited-use road (L)	Share	Snowshed (L)
Limited-use road (L)	Share	Tunnel (L)

Note : _____

Liquids depot/dump
Dépôt de liquide

An open, artificial pond or basin for storing liquids.

FIXED ATTRIBUTES

Type of Liquid:

(0) Unknown : Impossible to determine the type of liquid from the data source.

(1) Water: Undrinkable water.

(2) Drinking water: Water for human consumption.

(3) Liquid waste: Liquid waste from an industrial complex.

Pond Type:

(0) Unknown: Impossible to determine the type of pond from the data source.

(1) Other: Other than a filtration pond, settling pond, or sewage disposal pond.

(2) Filtration pond: A pond or system of ponds used to filter water for domestic use or for reuse in an industrial facility.

(3) Sedimentation pond: A manmade pond or system of ponds used to separate settleable solids from liquid.

(4) Sewage disposal pond: A pond or system of ponds used to dispose of wastewater.

(5) Swimming pool: A large outdoor container used by the public for swimming.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

| Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	1665	1665		5761			5761
drinking water, other	1671	1671		5767			5767
liquid waste, sedimentation pond	1667	1667		5763			
liquid waste, sewage disposal pond	1666	1666		5762			
liquid waste, unknown	1668	1668		5764			5764
water, filtration pond	1670	1670		5766			
water, other	1669	1669		5765			
water, swimming pool	1672	1672		5768			

GUARANTEED SIZE (metres)	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0		100			250*
Width >			15**			
Length >			30**			

2D ☑ **3D** ☑

Liquids depot/dump
Dépôt de liquide

RELATIONS	FIGURE

Inter-theme

Liquids depot/dump (P)	Connect	Conduit (L)
Liquids depot/dump (P)	Connect	Watercourse (L)

Watercourse

α

Liquids depot/ dump

x

Conduit

(Orientation taken along pond's main axis)

Intra-theme

Liquids depot/dump (A)	Connect	Pond partition (L)
Liquids depot/dump (A)	Share	Built-up area (A)

Inter-theme

Liquids depot/dump (A)	Connect	Conduit (L)
Liquids depot/dump (A)	Connect	Contour (L)
Liquids depot/dump (A)	Connect	Watercourse (L)
Liquids depot/dump (A)	Share	Dam (L)
Liquids depot/dump (A)	Share	Dam (A)
Liquids depot/dump (A)	Share	Vegetation (A)
Liquids depot/dump (A)	Share	Waterbody (A)

Built-up area

Contour

Liquids depot/dump : water, filtration pond

Vegetation

Conduit

Pond partition

Watercourse

Note : _____

* The guaranteed area for the attribute "liquid waste, unknown" at the 1:250 000 scale is 500 m.

** The guaranteed length and width values apply only to the type "swimming pool."

Lock gate
Porte d'écluse

A gate on a navigable canal used to raise or lower the water level so that boats may pass from one level to another.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	673	673	2721				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0					
Width >		25				
Length >						

2D ✓   **3D** ☐

Lock gate
Porte d'écluse

RELATIONS	FIGURE
Intra-theme	

Intra-theme

Lock gate (P)	Connect	Navigable canal (L)
Lock gate (P)	Connect	Waterbody (A)
Lock gate (P)	Connect	Watercourse (L)

Watercourse

Navigable canal

α

x

Lock gate

α

x

Lock gate

(Direction at right angle to the canal and/or to the water stream)

~

Intra-theme

Lock gate (L)	Connect	Navigable canal (A)
Lock gate (L)	Share	Navigable canal (A)
Lock gate (L)	Share	Waterbody (A)

Waterbody

Lock gate

Navigable canal

Waterbody

Note : _____

Lookout
Belvédère

A generally elevated area with facilities services for travellers who wish to observe the scenery

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	684	684		4780			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		100			
Width >						
Length >						

Lookout
Belvédère

RELATIONS	FIGURE
●	

Intra-theme

    Lookout (P)   Connect   Historic site/Point of interest (P)

Inter-theme

    Lookout (P)   Connect   Elevation point (P)

None

Note : _____

Lumber yard
Cour à bois

A parcel of land specially used for the storage of lumber.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	695			4791			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			
Width >						
Length >						

2D ✓   **3D** ☐

Lumber yard
Cour à bois

RELATIONS	FIGURE

▪

Inter-theme

Lumber yard (A)	Share	Built-up area (A)
Lumber yard (A)	Share	Vegetation (A)

Built-up area

Road

Lumber yard

S

S

Vegetation

Note : _____

Marina/Yacht club
Marina/Club nautique

A site that is equipped for mooring and servicing pleasure boats.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Marina/Yacht Club Type:	None
(0) Generic/Unknown	
(1) Marina: A complex for mooring and servicing pleasure boats.	
(2) Yacht club: A property belonging to an organization whose purpose is to encourage and direct the sport of sailing.	
	AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)
	• Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	701	701					
marina	702	702					
yacht club	703	703					

GUARANTEED SIZE (metres)	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						
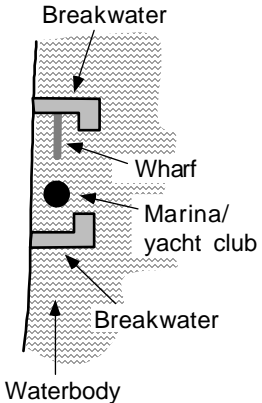
2D ✔   **3D** ☐

Marina/Yacht club
Marina/Club nautique

RELATIONS	FIGURE
●	
None	

Breakwater

Wharf

Marina/ yacht club

Breakwater

Waterbody

Note : _____

Mining area
Zone d'extraction de minerai

Area or site where minerals are extracted, including sand, broken rock, gravel, and clay.

FIXED ATTRIBUTES

Mining Area Nature:

(0) Unknown: Impossible to determine the mining area nature from the data source.

(1) Pit: An excavation from which gravel, sand, or clay are removed.

(2) Quarry: An excavation created by the removal of stone by blasting or cutting.

(3) Mine: An excavation or tunnel in the earth from which mineral substances are extracted.

Mining Area Type:

(0) Unknown: Impossible to identify the type of mining area from the data source.

(1) Open pit: The mined area is exposed to the surface of the earth.

(2) Underground: Under the surface of the earth.

Mining Area Status:

(0) Unknown: Impossible to define the mining area status from the data source.

(1) Operational: Can be used or is in full operation.

(2) Abandoned: Deserted or not maintained.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1690	1690		5786	1690		5786
mine, open pit, operational	1693	1693		5789			
mine, open pit, unknown	1695	1695		5791			
mine, underground, operational	1697	1697					
mine, unknown, abandoned	1694	1694		5790	1694		5790
mine, unknown, operational	1696	1696		5792	1696		5792
pit, open pit, operational	1691			5787			5787
quarry, open pit, operational	1692			5788			5788
unknown, open pit, unknown	1698	1698		5794			5794

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		150*	0		500
Width >						
Length >						

2D ☑   **3D** ☑

Mining area
Zone d'extraction de minerai

RELATIONS	FIGURE
●	
None	None
▓	

Intra-theme

Mining area (A)   Share   Solids depot/dump (A)

Inter-theme

Mining area (A)   Connect   Contour (L)
Mining area (A)   Share   Permanent snow and ice (A)
Mining area (A)   Share   Vegetation (A)
Mining area (A)   Share   Waterbody (A)

Contour

Mining area

Solids depot/dump

Note : _____
*   The guaranteed size for "mining area" is 150 m.

Moraine
Moraine

A mound, ridge, or other accumulation of glacial debris appearing in a variety of topographic landforms, deposited by direct action of glacier ice.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	731			4827			4827

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			200			1000
Width >						
Length >						

Moraine
Moraine

RELATIONS	FIGURE

Inter-theme

Moraine (A)	Share	Permanent snow and ice (A)
Moraine (A)	Share	Vegetation (A)

Vegetation

Ⓢ

Moraine

Ⓢ

Permanent
snow and ice

Note : _____

*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Navigable canal
Canal navigable

An artificial watercourse serving as a navigable waterway.

FIXED ATTRIBUTES

Navigable Canal Status:

(0) Generic/Unknown

(1) Abandoned: No longer used or maintained.

(2) Operational: Can be used or in full operation.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000 ●	~	▓	1 : 250 000 ●	~	▓
generic/unknown	742		2790	4838		2790	4838
abandoned	743		2791	4839		2791	4839
operational	744		2792	4840		2792	4840

GUARANTEED SIZE (metres)

	1 : 50 000 ●	~	▓	1 : 250 000 ●	~	▓
Range >						
Width >			25			125
Length >		0	0		0	0

2D ✓　　**3D** ✓

Navigable canal
Canal navigable

RELATIONS	FIGURE

~

Intra-theme

Navigable canal (L)	Connect	Lock gate (P)
Navigable canal (L)	Connect	Navigable canal (L)
Navigable canal (L)	Connect	Navigable canal (A)
Navigable canal (L)	Connect	Watercourse (L)
Navigable canal (L)	Connect	Waterbody (A)

Watercourse

Lock gate

Navigable canal

Waterbody

Intra-theme

Navigable canal (A)	Connect	Lock gate (L)
Navigable canal (A)	Connect	Navigable canal (L)
Navigable canal (A)	Connect	Watercourse (L)
Navigable canal (A)	Connect	Waterbody (A)
Navigable canal (A)	Share	Lock gate (L)
Navigable canal (A)	Share	Waterbody (A)

Inter-theme

Navigable canal (A)	Connect	Contour (L)
Navigable canal (A)	Share	Built-up area (A)
Navigable canal (A)	Share	Vegetation (A)

Contour

Navigable canal

Lock gate

Waterbody

Note : _____

Navigational aid
Repère de navigation

A structure erected to guide navigators.

FIXED ATTRIBUTES

Navigational Aid Type:

(0) Generic/Unknown

(1) Navigation beacon: A non-lighted structure.

(2) Navigation light: A structure equipped with a light.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▨	●	~	▨
generic/unknown	765	765			765		
navigation beacon	767	767			767		
navigation light	766	766			766		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▨	●	~	▨
Range >	0			0		
Width >						
Length >						

2D ✔ **3D** ☐

Navigational aid
Repère de navigation

RELATIONS	FIGURE
●	

Intra-theme

Navigational aid (P)	Connect	Hazard to navigation (P)

None

Inter-theme

Navigational aid (P)	Connect	Building (P)
Navigational aid (P)	Connect	Hazard to air navigation (P)

Note : _____

NTS territorial limits
Limite de territoire SNRC

Theoretical neatline that corresponds to the delimitation of a National Topographic System (NTS) area.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None
	AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S) • Position definite

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1536		3584			3584	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		0			0	

2D ✓   **3D** ☐

NTS territorial limits
Limite de territoire SNRC

RELATIONS

None

Note : _____

Oil or gas field
Champ pétrolifère ou gazier

An area where oil or gas is pumped or otherwise removed from the ground.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	793	793			793		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔ **3D** ☐

Oil or gas field
Champ pétrolifère ou gazier

RELATIONS
None

Note : _____

Palsa bog
Fondrière de palse

A marsh-like area with mounds of peat and ice normally less than 10 m in height.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	799			4895			4895

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			500			2500
Width >						
Length >						

2D ✔   3D ☐

Palsa bog
Fondrière de palse

RELATIONS	FIGURE
▪	
Inter-theme	None
Palsa bog (A)　　　　Share　　　　Vegetation (A)	

Note : _____

*　　Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Parabolic antenna
Antenne parabolique

A dish-like structure, sometimes enclosed in a dome

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Antenna Type:	None
(0) Generic/Unknown	
(1) Radar: Antenna used to transmit and receive radar signals.	
(2) Radio telescope: Antenna used for radioastronomy.	

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	810	810					
radar	811	811					
radio telescope	812	812					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

Parabolic antenna
Antenne parabolique

2D ☑   **3D** ☐

RELATIONS	FIGURE
●	
Inter-theme	
Parabolic antenna (P) Connect Hazard to air navigation (P)	None

Note : _____

Park/Sports field
Parc/Terrain de sports

A field on which sporting and/or recreation activities are carried out.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	823			4919			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			
Width >						
Length >						

2D ✔ **3D** ☐

Park/Sports field
Parc/Terrain de sports

RELATIONS	FIGURE

Inter-theme

      Park/Sports field (A)   Share   Built-up area (A)

None

Note : _____

Peat cutting
Tourbière en exploitation

An area where peat is cut for commercial purposes.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	834			4930			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			500			
Width >						
Length >						

2D ✓   **3D** ☐

Peat cutting
Tourbière en exploitation

RELATIONS	FIGURE

Intra-theme

Peat cutting (A)   Share   Vegetation (A)

Inter-theme

Peat cutting (A)   Share   Wetland (A)

Peat cutting

Wetland

Vegetation

Watercourse

Note : _____

Permanent snow and ice
Neige et glace permanentes

Areas of permanent snow and ice, such as a glacier, ice cap, or icefield.

FIXED ATTRIBUTES

Permanent Snow and Ice Type:

(0) Generic/Unknown

(1) Debris-covered ice: The portion of a glacier covered by earth and possibly low vegetation that delays the melting of the underlying ice.

(2) Other: This includes glaciers (a mass of permanent snow and ice flowing from an area), ice caps (a dome-shaped mass of permanent ice and snow with divergent flow), and icefields (an irregular-shaped mass of permanent snow and ice, generally forming an accumulation area for two or more glaciers, also referred to as snowfields).

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	845			4941			4941
debris-covered ice	846			4942			4942
other	847			4943			4943

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >			300			2500
Width >						
Length >						

2D ✓   **3D** ☐

Permanent snow and ice
Neige et glace permanentes

RELATIONS	FIGURE

▪

Intra-theme

Permanent snow and ice (A)   Share   Permanent snow and ice (A)

Inter-theme

Permanent snow and ice (A)   Connect   Contour (L)
Permanent snow and ice (A)   Share   Mining area (A)
Permanent snow and ice (A)   Share   Moraine (A)
Permanent snow and ice (A)   Share   Vegetation (A)

Waterbody   Vegetation

Contour

Permanent
snow and ice

Moraine

Note : _____
*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Picnic site
Terrain de pique-nique

A parcel of land that has picnic tables for public use.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	858	858		4954	858		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		250	0		
Width >						
Length >						

Picnic site
Terrain de pique-nique

2D ✔ 3D ☐

RELATIONS	FIGURE
●	
None	None
▓	
Inter-theme	
Picnic site (A) Share Built-up area (A)	None

Note : _____

Pingo
Pingo

A mound containing an ice core insulated with dirt and low vegetation.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	869	869			869		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔ **3D** ☐

Pingo
Pingo

RELATIONS

None

Note : _____

Pipeline
Pipeline

A cylindrical conduit used to convey liquids and/or gases.

FIXED ATTRIBUTES

Pipeline Product:

(0) Unknown: Impossible to determine the type of product transported by the pipeline from the data source.

(1) Natural gas: Main lines transporting natural gas.

(2) Oil: Main lines transporting oil.

(3) Sewage/liquid waste: A pipeline used to convey sewage and other liquid waste.

(4) Multiuse: One or many pipelines used to convey various liquids and/or gases produced by the oil and gas industry.

Pipeline Relationship to Ground:

(1) Aboveground: On or above the surface of the ground.

(2) Underground: Below the surface of the ground.

VARIABLE ATTRIBUTES

Number of Pipelines:

Number of Pipelines.
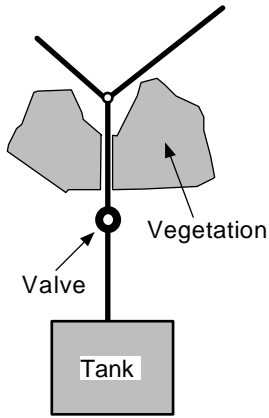
AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▒	●	~	▒
generic/unknown	880		2928			2928	
multiuse, aboveground	890		2938			2938	
multiuse, underground	891		2939			2939	
natural gas, aboveground	881		2929			2929	
natural gas, underground	882		2930			2930	
oil, aboveground	883		2931			2931	
oil, underground	884		2932			2932	
sewage/liquid waste, aboveground	885		2933			2933	
unknown, aboveground	886		2934			2934	
unknown, underground	887		2935			2935	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▒	●	~	▒
Range >						
Width >						
Length >		500			2500	

Pipeline
Pipeline

2D ✔   3D ☐

RELATIONS	FIGURE

~

Intra-theme

Pipeline (L)	Connect	Pipeline (L)
Pipeline (L)	Connect	Valve (P)

Vegetation

Valve

Tank

Note : _____

Pond partition
Séparateur d'étangs

A structure separating the basins of a fish pound or Liquids depot/dump.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	909		2957				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >						
Width >						
Length >		0				

2D ✔   **3D** ☐

Pond partition
Séparateur d'étangs

RELATIONS	FIGURE

~

Intra-theme

Pond partition (L)	Connect	Liquids depot/Dump (A)
Pond partition (L)	Connect	Pond partition (L)

Inter-theme

Pond partition (L)	Connect	Fish pound (A)

Liquids depot/
Dump

Pond partition

Fish pound

Partition pond

Waterbody

Note : _____

Railway
Chemin de fer

A roadbed with rails on which trains and other equipment can travel.

FIXED ATTRIBUTES

Railway gauge:

(0) Unknown: Impossible to determine the gauge of the railway from the data source.

(1) Narrow: A railway in which the rails are 0.967 m apart.

(2) Special: A railway-like feature, such as a subway or miniature railway.

(3) Standard: A railway in which the rails are 1.435 m apart.

Railway relationship to the ground:

(0) Unknown: Impossible to determine the relationship to the ground of the railway from the data source.

(1) Ground level: A railway built directly on the ground.

(2) Other: A railway built on a structure such as a bridge, dam, or tunnel.

Railway Status:

(0) Unknown: Impossible to determine the status of the railway from the data source.

(1) Abandoned: A railway more than 500 m in length no longer suitable for rail traffic. A minimum of repair could restore the railway to limited service.

(2) Operational: In use or full operation.

(3) Under construction: Being built when the surveyed in the field.

Railway Type:

(0) Unknown: Impossible to determine the type of railway from the data source.

(1) Multiple: More than one set of rails on the same roadbed.

(2) Side track: A track connected to the main track such as a siding, passing track, spur, or wye.

(3) Single: Only one set of rails on the roadbed.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	934		2982			2982	
narrow, unknown, operational, unknown	936		2984			2984	
narrow, unknown, operational, side track	937		2985				
special, ground level, operational, multiple	944		2992				
special, ground level, operational, single	945		2993				
special, other, operational, multiple	960		3008				
special, other, operational, single	961		3009				
special, unknown, under construction, multiple	942		2990				

Railway

Chemin de fer

| 2D ✔ | 3D ☐ |

Authorized combinations of attribute values	NTDB Code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
special, unknown, under construction, single	943		2991				
standard, ground level, operational, multiple	954		3002			3002	
standard, ground level, operational, single	956		3004			3004	
standard, ground level, operational, side track	955		3003				
standard, other, operational, multiple	957		3005			3005	
standard, other, operational, single	958		3006			3006	
standard, other, operational, side track	959		3007				
standard, unknown, under construction, multiple	952		3000			3000	
standard, unknown, under construction, single	953		3001			3001	
unknown, unknown, abandoned, unknown	935		2983			2983	
unknown, unknown, operational, unknown	962		3010				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		150			750	

RELATIONS	FIGURE

~

Intra-theme

| Railway (L) | Connect | Railway (L) |
| Railway (L) | Connect | Turntable (P) |

Inter-theme

Railway (L)	Connect	Built-up area (P)
Railway (L)	Connect	Dam (S)
Railway (L)	Connect	Ferry route (L)
Railway (L)	Connect	Limited-use road (L)
Railway (L)	Connect	Road (L)
Railway (L)	Share	Dam (L)
Railway (L)	Share	Bridge (L)
Railway (L)	Share	Limited-use road (L)
Railway (L)	Share	Road (L)
Railway (L)	Share	Snowshed (L)
Railway (L)	Share	Tunnel (L)

Note : _____

Road
Route

A road for the movement of motor vehicles.

FIXED ATTRIBUTES

Road Classification:

(0) Unknown: Impossible to determine the classification of the road from the data source.

(1) Highway: A road for motor vehicles designed for high-speed travel, usually lacking rail or road intersections. Each roadway of a highway is an entity occurrence.

(2) Main: A numbered thoroughfare.

(3) Secondary : A local or rural road not assigned a number.

(4) Street: A public road in a residential or commercial area with buildings on one or both sides.

(5) Rapid transit: A road restricted to vehicles of the public transportation system.

Road Support:

(0) Unknown: Impossible to determine road support from the data source.

(1) Ground level: A road built directly on ground level.

(2) Other: A road built on a bridge, on a dam, or in a tunnel.

Road Surface:

(0) Unknown: Impossible to determine the road surface from the data source.

(1) Hard surface: A surface made of concrete, asphalt, or tar gravel.

(2) Loose surface: A surface other than concrete, asphalt, or tar gravel.

Road Status:

(0) Unknown: Impossible to determine the road status from the data source.

(1) Operational: Any useable road.

(2) Under construction: A road in the preliminary stages of construction, which would include activities such as grading and/or building embankments for a bridge, and on which traffic is prohibited for an extended period of time.

VARIABLE ATTRIBUTES

Number of lanes

First road number*

Second road number*

Third road number*

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1594		3642			3642	
highway, ground level, unknown, unknown	1621		3669			3669	
highway, ground level, hard surface, operational	1596		3644			3644	
highway, ground level, loose surface, operational	1595		3643			3643	
highway, other, hard surface, operational	1597		3645			3645	
highway, unknown, unknown, under construction	1598		3646			3646	
main, ground level, unknown, unknown	1622		3670			3670	
main, ground level, hard surface, operational	1603		3651			3651	
main, ground level, loose surface, operational	1604		3652			3652	
main, other, hard surface, operational	1605		3653			3653	
main, unknown, unknown, under construction	1606		3654			3654	
rapid transit, ground level, hard surface, operational	1600		3648				
rapid transit, other, hard surface, operational	1601		3649				

Road
Route

2D ✓   3D ☐

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
rapid transit, unknown, unknown, under construction	1602		3650				
secondary, ground level, unknown, unknown	1623		3671			3671	
secondary, ground level, hard surface, operational	1612		3660			3660	
secondary, ground level, loose surface, operational	1611		3659			3659	
secondary, other, hard surface, operational	1613		3661			3661	
secondary, unknown, unknown, under construction	1614		3662			3662	
street, ground level, unknown, unknown	1624		3672				
street, ground level, hard surface, operational	1608		3656				
street, ground level, loose surface, operational	1607		3655				
street, other, hard surface, operational	1609		3657				
street, unknown, unknown, under construction	1610		3658				
unknown, ground level, unknown, unknown	1599		3647				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		0			1600	

RELATIONS			FIGURE
~			

Intra-theme

Road (L)	Connect	Barrier/Gate (P)
Road (L)	Connect	Discontinuity point (P)
Road (L)	Connect	Ferry route (P)
Road (L)	Connect	Ferry route (L)
Road (L)	Connect	Highway exit (P)
Road (L)	Connect	Road (L)

Inter-theme

Road (L)	Connect	Built-up area (P)
Road (L)	Connect	Built-up area(L)
Road (L)	Connect	Dam (P)
Road (L)	Connect	Dam (A)
Road (L)	Connect	Ford (P)
Road (L)	Connect	Ford (L)
Road (L)	Connect	Railway (L)
Road (L)	Connect	Trail (L)
Road (L)	Share	Bridge (L)
Road (L)	Share	Built-up area (A)
Road (L)	Share	Dam (L)
Road (L)	Share	Dike/Levee (L)
Road (L)	Share	Railway (L)
Road (L)	Share	Snowshed (L)
Road (L)	Share	Tunnel (L)

Note :

* Applies only to attribute values «highway» and «main».

Rocky ledge/Reef
Barre rocheuse/Récif

A rock formation that is alternatively covered and uncovered by the tide.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1044			5140			5140

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			150			750
Width >						
Length >						

2D ☑   **3D** ☐

Rocky ledge/Reef
Barre rocheuse/Récif

RELATIONS	FIGURE
▪	

Intra-theme

Rocky ledge/Reef (A)   share   Sand (A)
Rocky ledge/Reef (A)   share   Waterbody (A)

Sand : underwater

Rocky ledge/ Reef

Waterbody

Note : _____

Ruins
Ruines

A structure of recognized historical interest in an advanced state of disrepair, making it unusable, with masonry walls or excavations.

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	1055	1055		5151			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	6		30			
Width >						
Length >						

2D ✔ **3D** ☐

Ruins
Ruines

RELATIONS
None

Note : _____

Runway
Piste d'envol

A prepared surface used by airplanes and helicopters for take-off and landing.

FIXED ATTRIBUTES

Runway Category :

(0) Unknown: Impossible to determine the type of runway from the data source.

(1) Airfield: A land aerodrome with limited services.

(2) Airport: A land aerodrome licensed by Transport Canada with lighted, paved or loose-surface runways for airplanes, an operating control tower, and services for aircraft and passengers.

(3) Heliport: A land aerodrome for helicopters listed in the Canada Flight Supplement.

Runway Status:

(0) Unknown: Impossible to determine the status of the runway from the data source.

(1) Abandoned: No longer maintained for aviation purposes and listed as such in the Canada Flight Supplement.

(2) Operational: Being used or in operation.

Runway Surface:

(0) Unknown: Impossible to determine the surface of the runway from the data source.

(1) Hard surface: A surface made of concrete, asphalt, or tar gravel.

(2) Loose surface: A surface other than concrete, asphalt, or tar gravel.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1066	1066		5162	1066		
airfield, operational, hard surface	1068	1068		5164			
airfield, operational, loose surface	1069	1069		5165			
airfield, operational, unknown	1075				1075		
airfield, unknown, unknown	1067	1067		5163	1067		
airport, operational, hard surface	1070	1070		5166			
airport, operational, loose surface	1072	1072		5168			
airport, operational, unknown	1074				1074		
heliport, operational, unknown	1073	1073			1073		
unknown, abandoned, unknown	1071	1071		5167	1071		

Runway
Piste d'envol

2D ✔   3D ☐

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >			0			
Length >			150			

RELATIONS	FIGURE
●	
None	None
▦	
Inter-theme	
Runway (A) Share Vegetation (A)	None

Note : _____

Sand
Sable

A fine, hard, granular rock material, including raised beaches, dunes and sand in water.

FIXED ATTRIBUTES

Sand Location:

(0) Generic/Unknown

(1) Underwater: Area of sand in a waterway, including foreshore flats.

(2) Other: Other than "underwater."

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000 ●	~	▓	1 : 250 000 ●	~	▓
generic/unknown	1082			5178			5178
other	1083			5179			5179
underwater	1084			5180			5180

GUARANTEED SIZE (metres)

	1 : 50 000 ●	~	▓	1 : 250 000 ●	~	▓
Range >			150			750
Width >						
Length >						

2D ✔   **3D** ☐

Sand
Sable

RELATIONS	FIGURE

■

Intra-theme

Sand (A)	Share	Kelp (A)
Sand (A)	Share	Rocky ledge/Reef (A)
Sand (A)	Share	Waterbody (A)

Inter-theme

Sand (A)	Share	Vegetation (A)

Vegetation

Sand : underwater

Rocky ledge /reef

Sand : other

Waterbody

Note : _____
*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Seaplane base
Base d'hydravions

An area offering seaplane facilities licensed by Transport Canada and listed in the <u>Canada Flight Supplement</u>.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Seaplane Base/Anchorage Facilities Type: (0) Generic/Unknown (1) Anchorage: An area offering mooring facilities and limited services. (2) Base: An area that provides mooring facilities and services for aircraft and passengers.	None **AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)** • Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1095	1095			1095		
anchorage	1096	1096			1096		
base	1097	1097			1097		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔ **3D** ☐

Seaplane base
Base d'hydravions

RELATIONS
None

Note : _____

Seawall
Mur de protection

A wall or embankment to prevent the encroachment of the sea

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	1108		3156				

GUARANTEED SIZE (metres)
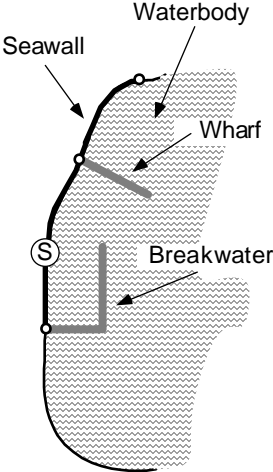
	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >						
Width >						
Length >		250				

Seawall
Mur de protection

2D ✔   3D ☐

RELATIONS	FIGURE

~

Intra-theme

Seawall (L)	Connect	Breakwater (L)
Seawall (L)	Connect	Wharf (L)
Seawall (L)	Share	Waterbody (S)

Note : _____

Shrine
Lieu de pèlerinage

A place where a structure or structures of a religious nature having historic interest or serving landmark objects are built.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1119	1119					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔   **3D** ☐

Shrine
Lieu de pèlerinage

RELATIONS
None

Note : _____

Silo
Silo

An upright, cylindrical structure 20 meters or more in height used for storing silage.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1130	1130					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔   **3D** ☐

RELATIONS

None

Note : _____

Ski centre
Centre de ski

An area developed for alpine skiing.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values		NTDB code	1 : 50 000			1 : 250 000		
			●	~	▦	●	~	▦
generic/unknown		1141	1141			1141		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✓ **3D** ☐

Ski center
Centre de ski

RELATIONS
None

Note : _____

Ski jump
Saut de ski

A ramp-like structure built on the side of a hill or mountain for the sport of ski-jumping.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1152	1152					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔ 3D ☐

Ski jump
Saut de ski

RELATIONS

None

Note : _____

Slip
Cale

A substructure serving as a place for building or repairing ships.

FIXED ATTRIBUTES

Slip Type:

(0) Generic/Unknown

(1) Other: A sloping ramp extending out into the water, serving as a place for landing or repairing ships..

(2) Dry dock: An enclosure from which water can be removed for repairing and building ships.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	406			4502			
dry dock	408			4504			
other	407			4503			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >						
Width >			25			
Length >			100			

2D ✓ **3D** ✓

Slip
Cale

RELATIONS	FIGURE

Intra-theme

     Slip (A)   Share   Waterbody (A)

Inter-theme

     Slip (A)   Connect   Contour (L)

Note :

Snowshed
Paraneige

A roofed structure built over a road or railway in mountainous areas to prevent snow slides from blocking the transportation road.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1185		3233				
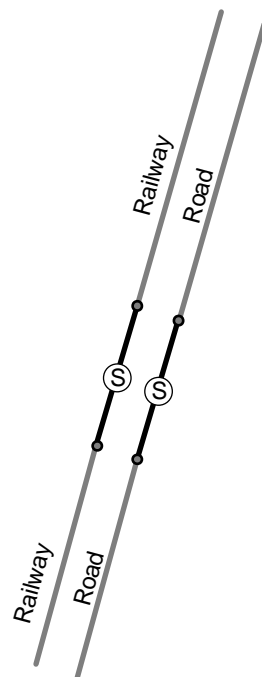
GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		100				

Snowshed
Paraneige

2D ✔ **3D** ☐

RELATIONS	FIGURE

~

Inter-theme

Snowshed (L)	Share	Limited-use road (L)
Snowshed (L)	Share	Railway (L)
Snowshed (L)	Share	Road (L)

Note : _____

Solids depot/dump
Dépôt de solides

Accumulation of solid material or waste from domestic or industrial activity.

FIXED ATTRIBUTES

Solids Depot Nature:

(0) Unknown: Impossible to determine the nature of the solid waste from the data source.

(1) Domestic: From domestic use.

(2) Industrial: From industrial activity.

Solids Depot Type:

(0) Unknown: Impossible to determine the type of solid waste from the data source.

(1) Waste: An area of residue from human activity.

(2) Stockpile: An area associated with industrial operations used for storing raw materials.

Solids Depot Status:

(0) Unknown: Impossible to determine the status of the solid waste from the data source.

(1) Abandoned: No longer used.

(2) Other: All other solid waste dumps in operation.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1655	1655		5751			5751
domestic, waste, abandoned	1656			5752			
domestic, waste, other	1657			5753			
industrial, stockpile, unknown	1659			5755			
industrial, waste, unknown	1658	1658		5754			5754

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		150			500
Width >						
Length >						

2D ✓   **3D** ✓   ⚠h

Solids depot/dump
Dépôt de solides

RELATIONS	FIGURE
●	
None	None
▪	

Intra-theme

Solids depot/dump (A)   Share   Mining area (A)

Inter-theme

Solids depot/dump (A)   Connect   Contour (L)
Solids depot/dump (A)   Share   Vegetation (A)

Contour   Vegetation

Solids depot/dump:
domestic, waste, other

Mining area

Note : _____

Sports track/Race track
Piste de course

A hard or loose-surfaced road on which races and sporting activities take place.

FIXED ATTRIBUTES

Sports Track/Race Track Type:

(0) Generic/Unknown

(1) Drag strip: A straight, paved surface for drag racing.

(2) Other: Other than "drag strip."

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1196		3244	5292			
drag strip	1197			5293			
other	1198		3246				
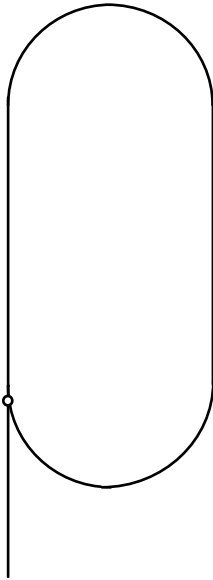
GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >		50	15			
Length >		100	400			

2D ✔ **3D** ☐

Sports track/Race track
Piste de course

RELATIONS	FIGURE
~	
Intra-theme	
Sports track/Race track (L) Connect Sports track/Race track(L)	
▓	
None	

Note : _____

Spring
Source

A natural issue of underground water; this includes only those springs located in arid regions and those that bear an official name.

FIXED ATTRIBUTE	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1209	1209					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔   **3D** ☐

Spring
Source

RELATIONS

None

Note : _____

Stadium
Stade

A structure containing tiered spectator seating along the perimeter of playing fields and sports track.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1220			5316			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >			50			
Length >			100			

Stadium
Stade

2D ✔   3D ☐

RELATIONS

None

Note : _____

Stockyard
Parc à bestiaux

A holding area where livestock is kept for short periods of time.

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1242			5338			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			350			
Width >						
Length >						

2D ☑   **3D** ☐

Stockyard
Parc à bestiaux

RELATIONS	FIGURE
■	
Inter-theme	None
Stockyard (A)　　　Share　　　Vegetation (A)	

Note : _____

String bog
Tourbière réticulée

An area comprised of a series of crests of fibrous vegetation (mostly sphagnum moss) often dotted with relatively large waterbodies.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1253			5349			5349

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			500			2500
Width >						
Length >						

2D ✔   **3D** ☐

String bog
Tourbière réticulée

RELATIONS	FIGURE
None	

String bog

Waterbody

Vegetation

Watercourse

Note : _____
*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Tank
Citerne

A cylindrical structure used to store liquids.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
	None

FIXED ATTRIBUTES

Tank Type:

(0) Unknown: Impossible to determine the type of the tank from the data source.

(1) Horizontal: A tank with the cylinder in a horizontal position.

(2) Vertical: A tank with the cylinder in a vertical position.

Tank Use:

(0) Unknown: Impossible to determine the use of tank from the data source.

(1) Other: Other than a water tank.

(2) Water: A tank on or above ground level that is used to contain water.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		➚●	~	▦	➚●	~	▦
generic/unknown	1275	1275		5371	1275		
horizontal, unknown	1276	1276		5372			
vertical, other	1277	1277		5373	1277		
vertical, unknown	1279	1279		5375	1279		
vertical, water	1278	1278		5374			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	➚●	~	▦	➚●	~	▦
Range >	5		40	5		
Width >						
Length >	25*					

2D ✔ **3D** ☐
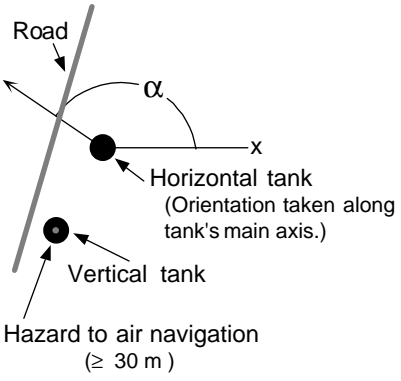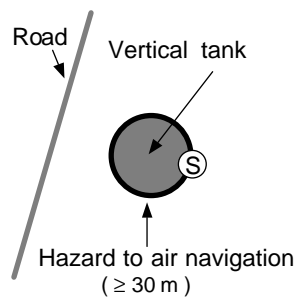
Tank
Citerne

RELATIONS	FIGURE

Inter-theme

Tank (P) Connect Hazard to air navigation (P)

Road

α

x

Horizontal tank
(Orientation taken along
tank's main axis.)

Vertical tank

Hazard to air navigation
(≥ 30 m)

Inter-theme

Tank (A) Share Hazard to air navigation (L)

Road Vertical tank

S

Hazard to air navigation
(≥ 30 m)

Note : _____
*   For horizontal tank only.

Toponym
Toponyme

The official name given to a topographic feature.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Toponym Type:	*Name :*
(0) Generic/Unknown	Toponym as stored in the Canadian Geographical Names Data Base (CGNDB).
(1) Place: Toponym type that identifies areas of concentration of dwellings, crossroads, and related sites or structures.	*CGNDB Identifier :*
(2) Hydrography: Toponym type that identifies surface water.	Unique identifier supplied by the Canadian Geographical Names Data Base (CGNDB).
(3) Shoreline: Toponym type that identifies features located along watercourses and waterbodies and whose presence depends directly on a hydrographic feature.	
(4) Relief: Toponym type that identifies geomorphologic features and areas of permanent snow and ice.	
(5) Transport: Toponym type that identifies traffic and energy-transportation corridors as well as structures related to transportation.	**AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)**
	• Position definite

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▨	●	~	▨
generic/unknown	1850	1850			1850		
hydrography	1852	1852			1852		
place	1851	1851			1851		
relief	1854	1854			1854		
shoreline	1853	1853			1853		
transport	1855	1855			1855		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▨	●	~	▨
Range >	0			0		
Width >						
Length >						

2D ✔   **3D** ☐

Toponym
Toponyme

RELATIONS

None

Note : _____

Tower
Tour

A structure of 10 meters or more built to provide clearance above the surrounding objects or features

FIXED ATTRIBUTES

Tower Function

(0) Generic/Unknown

(1) Clearance: A tower used to support cables over water or a road.

(2) Communication: A tower used in the transmission and reception of radio waves.

(3) Control: A structure at an airport from which air and ground traffic are controlled.

(4) Fire: A tower used to watch for and report forest fires.

(5) lookout: A tower used for viewing a natural or developed scene.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1289	1289			1289		
clearance	1290	1290			1290		
communication	1291	1291			1291		
control	1292	1292					
fire	1293	1293			1293		
lookout	1294	1294			1294		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0			0		
Width >						
Length >						

2D ✔ **3D** ☐

RELATIONS	FIGURE
●	

Intra-theme

Tower (P)   Connect   Building (P)

Inter-theme

Tower (P)   Connect   Elevation point (P)
Tower (P)   Connect   Hazard to air navigation (P)

None

Note : _____

Trail
Sentier

A narrow path or route suitable for walking, hiking, or bicycling.

FIXED ATTRIBUTES

Trail Function:

(0) Generic/Unknown

(1) Other: Other than "portage."

(2) Portage: A trail used by canoeists to bypass an unnavigable portion of a watercourse or to go from one watercourse to another.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1305		3353			3353	
other	1306		3354			3354	
portage	1307		3355		1307	3355	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >				0		
Width >						
Length >		0			1250	

Trail
Sentier

RELATIONS	FIGURE
●	
None	None

~	

Intra-theme

Trail (L)	Connect	Ford (P)
Trail (L)	Connect	Ford (L)
Trail (L)	Connect	Limited-use road (L)
Trail (L)	Connect	Trail (L)

Inter-theme

Trail (L)	Connect	Cut line (L)
Trail (L)	Connect	Road (L)
Trail (L)	Connect	Waterbody (A)
Trail (L)	Connect	Watercourse (L) *
Trail (L)	Share	Dam (L)
Trail (L)	Share	Dike/Levee (L)
Trail (L)	Share	Footbridge (L)
Trail (L)	Share	Tunnel (L)

Footbridge

Road

Ford

Limited-use road

Note : _____

*   The connexion relation applies only for the attribute value "portage".

Transformer station
Poste de transformateurs

An installation that is part of an electrical power system where voltage is altered.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1318	1318		5414	1318		

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		100	500		
Width >						
Length >						

2D ✔   **3D** ☐

Transformer station
Poste de transformateurs

RELATIONS	FIGURE
●	
None	None
▓	
Inter-theme	
Transformer station (A)　　Share　　Built-up area (A) Transformer station (A)　　Share　　Vegetation (A)	None

Note : _____

Transmission line
Ligne de transmission

One or more cables used for communication or power transmission.

FIXED ATTRIBUTES

Transmission Line Function:

(0) Unknown: Impossible to determine the function of the transmission line from the data source.

(1) Power: Electric-power cables or wires supported by pylons.*

(2) Telephone: Communication cables or wires supported by poles.

Transmission Line Location:

(0) Unknown: Impossible to determine the transmission line location from the data source.

(1) Other: Other than "submarine."

(2) Submarine: Located under water.

VARIABLE ATTRIBUTES

Number of Transmission Lines:

The number of transmission lines in a particular corridor (not the number of individual lines supported by a tower).

## AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1329		3377			3377	
power, other	1330		3378			3378	
power, submarine	1331		3379			3379	
telephone, other	1332		3380			3380	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		500			500	

2D ✔   **3D** ☐

Transmission line
Ligne de transmission

RELATIONS	FIGURE
~	

Intra-theme

Transmission line (L)   Connect   Transmission line (L)

Transformer
station

Transmission
line

Note : _____
*   Only continuous power lines from the generating station to the end of high-tension distribution.

Tundra polygon
Sols polygonaux

A tract of land in a permafrost region in which the land surface has cracked and separated, forming a multitude of polygon-shaped islands with ice wedges between them.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1354			5450			5450

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			500			2500
Width >						
Length >						

Tundra polygon
Sols polygonaux

2D ✔   **3D** ☐

RELATIONS	FIGURE
▪	
Inter-theme	None
Tundra polygon (S) Share Tundra pond (S)	

Note : _____

*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Tundra pond
Étangs de toundra

A tract of land in a permafrost region where lakes are so numerous that they prevent movement across the area except when they are frozen.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1365			5461			5461

GUARANTEED SIZE (metres)
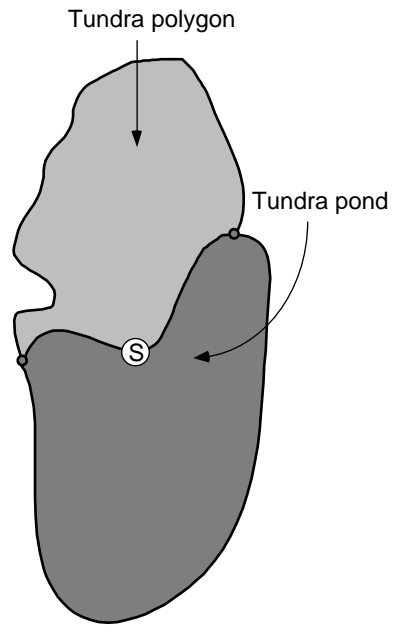
	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			500			2500
Width >						
Length >						

2D ☑   **3D** ☐

Tundra pond
Étangs de toundra

RELATIONS	FIGURE

▓

Inter-theme

Tundra pond (A)   Share   Tundra polygon (A)

Tundra polygon

Tundra pond

Ⓢ

Note : _____
*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Tunnel
Tunnel

A part of a road, railway, or pedestrian way built under an obstacle, a river, a road, or a railway.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1376		3424			3424	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		0			25	

Tunnel
Tunnel

2D ✔ **3D** ☐

RELATIONS	FIGURE

~

Intra-theme

Tunnel (L)　　　　Connect　　　　Tunnel (L)

Inter-theme

Tunnel (L)　　　　Share　　　　Limited-use road (L)
Tunnel (L)　　　　Share　　　　Railway (L)
Tunnel (L)　　　　Share　　　　Road (L)
Tunnel (L)　　　　Share　　　　Trail (L)

Note : _____

Turntable
Plaque tournante

A railed platform used to turn locomotives and train cars.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1387	1387					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔ **3D** ☐
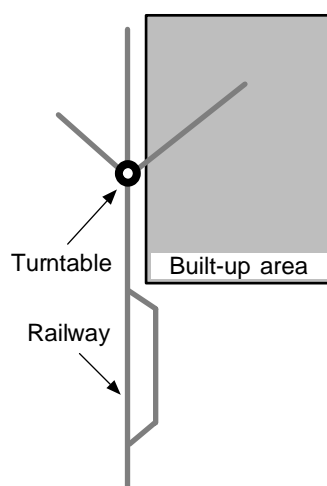
Turntable
Plaque tournante

RELATIONS	FIGURE
●	

Intra-theme

Turntable (P)   Connect   Railway (L)

Turntable

Built-up area

Railway

Note : _____

Underground reservoir
Réservoir souterrain

An underground or artificially covered basin for storing drinking water.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1710	1710		5806			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0		50			
Width >						
Length >						

2D ✔ **3D** ☐

Underground reservoir
Réservoir souterrain

RELATIONS

None

Note : _____
*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Valve
Valve

A device on a pipeline that controls flow.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1398	1398					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

2D ✔ **3D** ☐

Valve
Valve

RELATIONS	FIGURE
●	
Intra-theme	
Valve (P)　　　Connect　　　Pipeline (L)	None

Note : _____

Vegetation
Végétation

An area covered with shrubs and/or trees.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
Vegetation Type:	None

FIXED ATTRIBUTES

Vegetation Type:

(0) Generic/Unknown

(1) Orchard: A plantation of fruit- or nut-bearing trees.

(2) Vineyard/hopfield: A plantation of grapevines or hops.

(3) Wooded area: An area of at least 35% covered by trees or shrubs having a minimum height of 2 m.

(4) Tree nursery: A plantation of tree for transplanting or sale.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1409			5505			5505
orchard	1410			5506			
tree nursery	1413			5509			
vineyard/hopfield	1411			5507			
wooded area	1412			5508			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100**			500
Width >						
Length >						

Vegetation
Végétation

RELATIONS	FIGURE

Intra-theme

Vegetation (A)	Share	Peat cutting (A)
Vegetation (A)	Share	Vegetation (A)

Inter-theme

Vegetation (A)	Share	Auto wrecker (A)
Vegetation (A)	Share	Built-up area (A)
Vegetation (A)	Share	Drive-in theatre (A)
Vegetation (A)	Share	Dry river bed (A)
Vegetation (A)	Share	Fort (A)
Vegetation (A)	Share	Gas and oil facilities (A)
Vegetation (A)	Share	Golf driving range (A)
Vegetation (A)	Share	Liquids depot/dump (A)
Vegetation (A)	Share	Lumber yard (A)
Vegetation (A)	Share	Mining area (A)
Vegetation (A)	Share	Moraine (A)
Vegetation (A)	Share	Navigable canal (A)
Vegetation (A)	Share	Palsa bog (A)
Vegetation (A)	Share	Permanent snow and ice (A)
Vegetation (A)	Share	Runway (A)
Vegetation (A)	Share	Sand (A)
Vegetation (A)	Share	Solids depot/dump (A)
Vegetation (A)	Share	Stockyard (A)
Vegetation (A)	Share	Transformer station (A)
Vegetation (A)	Share	Waterbody (A)

Note :

*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.
**   The guaranteed width for a non-wooded corridor (for a transmission line, a pipeline, a gas pipeline etc.) is 60 m.

Wall/Fence
Mur/Clôture

A vertical structure constructed to enclose or divide an area.

FIXED ATTRIBUTES

Wall/Fence Type:

(0) Generic/Unknown

(1) Fence: A barrier made of wire, rails or other relatively light material used to enclose or divide an area.

(2) Wall: A vertical structure constructed to enclosed or divide an area.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1423		3471				
fence	1424		3472				
wall	1425		3473				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		500				

Wall/Fence
Mur/Clôture

2D ☑   **3D** ☐

RELATIONS	FIGURE
~	
Intra-theme	None
Wall/Fence (L)　　　　Connect　　　　Wall/Fence (L)	

Note : _____

Water disturbance
Perturbation des eaux

A site at which the natural flow of surface water is disturbed or impeded due to a change in slope.

FIXED ATTRIBUTES

Water Disturbance Type:

(0) Generic/Unknown

(1) Falls: A perpendicular or steep drop over which water from a watercourse or waterbody flows.

(2) Rapids: A fast-flowing, often turbulent section of a watercourse or waterbody, generally with exposed rocks or boulders.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		↗ ●	~	▦	↗ ●	~	▦
generic/unknown	1700	1700	3748	5796	1700	3748	5796
falls	1701	1701	3749		1701	3749	
rapids	1702	1702	3750	5798	1702	3750	5798

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	↗ ●	~	▦	↗ ●	~	▦
Range >	0			0		
Width >		25*	25		125*	125
Length >		100**	100		500**	500

2D ✔   3D ☐

Water disturbance
Perturbation des eaux

RELATIONS	FIGURE
Intra-theme Water disturbance (P)　Connect　Waterbody (A) Water disturbance (P)　Connect　Watercourse (L) **Inter-theme** Water disturbance (P)　Connect　Hazard to air navigation (P)	 Watercourse α x Water disturbance (Oriented perpendicular to the stream flow)
Intra-theme Water disturbance (L)　Connect　Waterbody (A) Water disturbance (L)　Share　Watercourse (L) **Inter-theme** Water disturbance (L)　Share　Hazard to air navigation (L)	 Waterbody Watercourse Water disturbance Water disturbance
Intra-theme Water disturbance(A)　Share　Waterbody (A)	 Waterbody Water disturbance

Note : _____
*　　Applies only to "rapids" within a waterbody and to "falls."
**　　Applies only to "rapids" with a sharing relation with a watercourse.

Waterbody
Étendue d'eau

A body of water, including rivers.

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**

FIXED ATTRIBUTES

Waterbody Type:

(0) Generic/Unknown

(1) Intermittent/slough: A waterbody that is normally dry at some time of the year.

(2) Other: Other than "intermittent/slough", "irrigation canal," or "flooded area."

(3) Irrigation canal: A manmade waterbody serving as a water supply in arid areas or for drainage in wet areas.

(4) Flooded area: An area always containing dead trees and not exploitable, permanently covered by water because the natural drainage has been interrupted.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	1449			5545			5545
flooded area	1454			5550			5550
intermittent/slough	1450			5546			5546
irrigation canal	1453			5549			5549
other	1452			5548			5548

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >			50*			250**
Width >			25			125
Lenght >			500***			1500***

2D ☑   **3D** ☑

Waterbody
Étendue d'eau

RELATIONS	FIGURE

Intra-theme

Waterbody (A)	Connect	Boat ramp (P)
Waterbody (A)	Connect	Breakwater (L)
Waterbody (A)	Connect	Conduit (L)
Waterbody (A)	Connect	Dam (P)
Waterbody (A)	Connect	Dam (L)
Waterbody (A)	Connect	Dyke/Levee (L)
Waterbody (A)	Connect	Lock gate (P)
Waterbody (A)	Connect	Navigable canal (L)
Waterbody (A)	Connect	Navigable canal (A)
Waterbody (A)	Connect	Waterbody (A)
Waterbody (A)	Connect	Watercourse (L)
Waterbody (A)	Connect	Water disturbance (P)
Waterbody (A)	Connect	Water disturbance (L)
Waterbody (A)	Connect	Wharf (L)
Waterbody (A)	Share	Breakwater (L)
Waterbody (A)	Share	Dam (L)
Waterbody (A)	Share	Dam (A)
Waterbody (A)	Share	Dry river bed (A)
Waterbody (A)	Share	Dyke/Levee (L)
Waterbody (A)	Share	Fish pound (A)
Waterbody (A)	Share	Kelp (A)
Waterbody (A)	Share	Lock gate (L)
Waterbody (A)	Share	Navigable canal (A)
Waterbody (A)	Share	Rocky ledge/Reef (A)
Waterbody (A)	Share	Sand (A)
Waterbody (A)	Share	Seawall (L)
Waterbody (A)	Share	Slip (A)
Waterbody (A)	Share	Waterbody (A)
Waterbody (A)	Share	Water disturbance (A)
Waterbody (A)	Share	Wharf (L)

Inter-theme

Waterbody (A)	Connect	Contour (L)
Waterbody (A)	Connect	Ferry route (L)
Waterbody (A)	Connect	Ford (L)
Waterbody (A)	Connect	Trail (L)
Waterbody (A)	Share	Built-up area (A)
Waterbody (A)	Share	Liquids depot/dump (A)
Waterbody (A)	Share	Mining area (A)
Waterbody (A)	Share	Vegetation (A)

Note :

*   The guaranteed sizes for Intermittent/slough and flooded areas are 100 m and 250 m respectively at the 1:50 000 scale.
**   The guaranteed sizes for Intermittent/slough and flooded areas are 375 m and 1 250 m respectively at the 1:250 000 scale.
*** The guaranteed length values apply only for the attribute "irrigation canal".

Watercourse
Cours d'eau

The course followed by a the natural or artificial flow of water on the earth's surface, draining an area or another body of water. Watercourses are generally rivers, streams, brooks, and creeks.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▓	●	~	▓
generic/unknown	1463		3511			3511	

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▓	●	~	▓
Range >						
Width >						
Length >		500			3750	

2D ✓   **3D** ✓

Watercourse
Cours d'eau

RELATIONS	FIGURE

~

Intra-theme

Watercourse (L)	Connect	Conduit (L)
Watercourse (L)	Connect	Dam (P)
Watercourse (L)	Connect	Dam (L)
Watercourse (L)	Connect	Dam (A)
Watercourse (L)	Connect	Disappearing stream (P)
Watercourse (L)	Connect	Lock gate (P)
Watercourse (L)	Connect	Navigable canal (L)
Watercourse (L)	Connect	Navigable canal (A)
Watercourse (L)	Connect	Waterbody (A)
Watercourse (L)	Connect	Watercourse (L)
Watercourse (L)	Connect	Water disturbance (P)
Watercourse (L)	Share	Water disturbance (L)

Inter-theme

Watercourse (L)	Connect	Ferry route (P)
Watercourse (L)	Connect	Ford (P)
Watercourse (L)	Connect	Liquids depot/dump (P)
Watercourse (L)	Connect	Liquids depot/dump (A)
Watercourse (L)	Connect	Trail (L) *

Note : _____
*   The connection relation applies only for Trail : "portage ".

Well
Puits

A narrow, deep hole dug or drilled in the earth for the extraction of liquids or gases.

FIXED ATTRIBUTES

Well Type:

(0) Generic/Unknown

(1) Brine: A well for the purpose of supplying brine for salt production.

(2) Petroleum: A well on land or offshore for the extraction of oil or natural gas.

(3) Water: A well dug or drilled in the earth down to the water table to provide a high rate of flow to supply water to a municipality or located in arid areas.

VARIABLE ATTRIBUTES

None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▨	●	~	▨
generic/unknown	1478	1478			1478		
brine	1479	1479					
petroleum	1480	1480			1480		
water	1481	1481					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▨	●	~	▨
Range >	0			0*		
Width >						
Length >						

2D ✔ **3D** ☐

Well
Puits

RELATIONS
None

Note : _____
*   At the 1:250 000 scale, only offshore drilling platforms are shown.

Wetland
Terre humide

A water-saturated area, covered intermittently or permanently with water. The vegetation may either be marsh (reeds, grass, and cattails) and swamp (shrub and trees).

FIXED ATTRIBUTES	**VARIABLE ATTRIBUTES**
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate*
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1492			5588			5588

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			750
Width >						
Length >						

Wetland
Terre humide

2D ✔   3D ☐

RELATIONS	FIGURE

Inter-theme

Wetland (A)   Share   Peat cutting (A)

Waterbody

Wetland

Peat cutting

Ⓢ

Vegetation

Watercourse

Note : _____

*   Qualifies the planimetric position of an entity occurrence when it is not visible or not clearly discernable.

Wharf
Quai

A structure built along or into a waterway for mooring vessels when loading or unloading cargo and/or passengers.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1503		3551				

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >						
Width >						
Length >		50			500	

2D ✓ **3D** ☐

Wharf
Quai

RELATIONS	FIGURE

~

Intra-theme

Wharf (L)	Connect	Breakwater (L)
Wharf (L)	Connect	Seawall (L)
Wharf (L)	Connect	Waterbody (A)
Wharf (L)	Connect	Wharf (L)
Wharf (L)	Share	Waterbody (A)

Inter-theme

Wharf (L)	Connect	Ferry route (L)

Note : _____

Wind-operated device
Éolienne

A structure used to develop power from the wind.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate

Autorized combinations of attribute values		NTDB code	1 : 50 000			1 : 250 000		
			●	~	▦	●	~	▦
generic/unknown		1514	1514					

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >	0					
Width >						
Length >						

Wind-operated device
Éolienne

2D ☑   **3D** ☐

RELATIONS	FIGURE
●	

Inter-theme

Wind-operated device (P)　　　Connect　　　Hazard to air navigation (P)

Road

Building

Wind-operated
device

Hazard to air navigation
(≥ 30 m)

Note :

Zoo
Zoo

An area where animals are kept for display or study.

FIXED ATTRIBUTES	VARIABLE ATTRIBUTES
None	None

AUTHORIZED GEOMETRIC REPRESENTATION QUALIFIER(S)

- Position definite
- Position approximate
- Position virtual/continuity
- Position virtual/discontinuity

Autorized combinations of attribute values	NTDB code	1 : 50 000			1 : 250 000		
		●	~	▦	●	~	▦
generic/unknown	1525			5621			

GUARANTEED SIZE (metres)

	1 : 50 000			1 : 250 000		
	●	~	▦	●	~	▦
Range >			100			
Width >						
Length >						

2D ✔ **3D** ☐

RELATIONS	FIGURE

■

Inter-theme

Zoo (A)	Share	Built-up area (A)

None

Note : _____