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National Topographic Data Base

Conversion of NTDB **Edition 3** Data
into DXF Format
(FME Translation)

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1. Context

The main purpose of using the DXF (Drawing Interchange Format) format is to provide for transferring National Topographic Data Base (NTDB) data via a simple format that makes it easy to import NTDB data into AutoCad® software. The format allows users to read data directly if their geographic information system (GIS) or computer-assisted design (CAD) system can read data in the DXF format.

The information herein complements the manual provided to users by computer hardware and software dealers. Using this guide requires a good working knowledge of the DXF format, AutoCad® software and NTDB Standards and Specifications. Users who are not familiar with them should take the time to become so.

This guide is not a user manual for the DXF format; it only describes the NTDB data profile in DXF format.

2. NTDB Standards

NTDB data correspond to versions 3.0 and 3.1 of the NTDB standards (re: NTDB Standards and Specifications, Edition 3.1).

3. Files

Information is transferred by creating one DXF file which contains all NTDB entities.

The file name has two parts separated by an underscore character “_”. The first part represents the data set NTS (National Topographic System) number (eg: 031g01), while the second is a twelve (12) digit unique identifier (automatically generated). The file name extension is always *.dxf* (eg.: 031g01_000000000001.dxf).

A log file (*.log*) contains all the messages generated during execution of the conversion software. Apart from file extension, the file name is identical to the “.dxf” file name (eg.: 031g01_000000000001.log).

Each NTDB data set also has a metadata ASCII file. These metadata provide information about NTDB data for a specific data set. This file has the *.met* extension. Apart from file extension, the file name is identical to the “.dxf” file name (eg.: 031g01_000000000001.met).

4. Directories

A directory identified to the name of the product ensures the gathering of the data for the same product. For the NTDB, the directory name is “bndt_ntdb”. All files associated to the same dataset are compressed (using the PKZIP compression software) in one single file, which name has four parts separated by underscores “_”. The first part represents the data set NTS number (eg: 031g01), followed by “dxf” to show the transfer format, which is followed by the coordinate system “utm83” or “ll83” and finally followed by a twelve (12) digit unique identifier (automatically generated). The file name is then completed with the file extension “.zip” (eg: 031g01_dxf_utm83_000000000001.zip). The ZIP file contains the NTDB DXF file for a particular data set, the log file (*.log*) and the associated metadata file (*.met*).

5. Coordinate System

The NTDB data coordinate system respects the following:

- the Universal Transverse Mercator map projection;
- the North American Datum 1983 (NAD83);
- the coordinates (X,Y) are in metres (m);
- the scale factor to the central meridian is 0.9996.

NTDB data are also available in geographical coordinates, therefore respecting the following:

- coordinates in Longitude/Latitude;
- North American Datum 1983 (NAD83);
- Coordinates (Long./Lat.) are in decimal degrees expressed with 6 digits after the decimal point (+-999.999999).

6. Data Structure

Data structures transferred using DXF format, whenever possible, respects NTDB requirements. When required by standards, there is a connection (mathematical closure) between NTDB entities (points, lines and areas) in the DXF file.

Connection is explicit only in cases where a coordinate triplet associated to an entity occurrence has the same value as another coordinate triplet connected to it. In the case of a shared line, coordinates are duplicated; therefore, the same series of coordinates is found more than once in the file.

Under DXF format, NTDB data are grouped by entities where we find points first, then lines. Areas are not explicitly identified in DXF. Areas are identified only by the fact that the lines surrounding the area are mathematically closed.

7. DXF Codification

NTDB codes (generic and explicit) are transferred under DXF format directly in the name of the layer or the level of entity. The explicit code represents the generic code and a combination of attribute values linked to a specific entity.

A maximum of 16 characters are used to name a level in DXF Format. The first characters (11 maximum) are used to identify the entity's name. They are followed by an underscore character ("_"), and by the entity's explicit code (a maximum of 4 characters).

For example, the information on level *BUILDING_133* corresponds to a hospital building type (re: NTDB standards and specifications, explicit code 133).

8. Comparison between DXF Format and CCOGIF Format

The user should be aware of the differences between data transferred using CCOGIF (*Canadian Council on Geomatics Interchange Format*) and data transferred using DXF. These differences are more or less important depending on the type of system used and the data application.

The following page gives a list of the differences between DXF and CCOGIF formats for the NTDB.

**List of Differences between NTDB Data in CCOGIF Format
and in DXF Format**

Element	CCOGIF format	DXF format
Ancillary data or metadata	CCOGIF allows the transfer of all metadata as described in the NTDB product standards.	DXF format does not provide for the transfer of metadata. These can be handled through a separate ASCII file. However, they do not have a link with the entities stocked in the DXF file.
Code	Under CCOGIF two different codes are transferred: the explicit code (ATC) and the generic code along with its attributes.	DXF format only accepts the explicit code. The entity level corresponds to the value of the code.
Fixed attributes	Under CCOGIF fixed attributes (ATFn) are fully transferred.	Under DXF format fixed attributes are transferred through the explicit code in the level name.
Variable attributes	Variable attributes (ATVn) are fully transferred.	Variable attributes are not transferred.
Area identifier	The area identifier (ATE) is fully transferred.	The area identifier is not transferred. There is no area under DXF.
Pointer to ancillary data (metadata)	The pointer to ancillary data (metadata) is fully transferred.	The pointer to ancillary data is not transferred.
Altimetric information indicator (Z value)	The altimetric information indicator (ATZ) is fully transferred.	The altimetric information indicator is not transferred. However, the elevation (Z) of each entity is transferred.
Geometric representation qualifier	The geometric representation qualifier (ATG) is fully transferred.	The geometric representation qualifier is not transferred.

Caution: One must regard NTDB data under the DXF format as a subset of the NTDB product in the sense that it does not fully meet the NTDB data model.

9. Example of a DXF File Containing NTDB Data

The following example shows the DXF format for AutoCad release 11 and 12. The format for previous versions is also available. The DXF file header, which includes the definition of data set limits and the identification of levels, is not indicated in the example. Coordinates shown in this example are in meters according to UTM projection.

```
1      0
2      SECTION
3      2
4      ENTITIES
5      0
6      INSERT
7      8
8      BUILDING_109
9      62
10     7
11     2
12     POINT
13     10
14     553672.0
15     20
16     4989725.0
17     30
18     -9999.0
19     41
20     1.0
21     42
22     1.0
23     50
24     63.00008
25     43
26     1.0
27     0
28     LINE
29     8
30     DAM_360
31     62
32     7
33     10
34     577273.0
35     20
36     4984956.0
37     30
38     -9999.0
39     11
40     577283.0
41     21
42     4984987.0
43     31
44     -9999.0
45     0
46     POLYLINE
47     8
48     ROAD_1596
49     62
```

50 7
51 66
52 1
53 10
54 0.0
55 20
56 0.0
57 30
58 0.0
59 70
60 8
61 0
62 VERTEX
63 8
64 ROAD_1596
65 62
66 7
67 10
68 539568.0
69 20
70 4998247.0
71 30
72 -9999.0
73 70
74 32
75 0
76 VERTEX
77 8
78 ROAD_1596
79 62
80 7
81 10
82 539727.0
83 20
84 4988360.0
85 30
86 -9999.0
87 70
88 32
89 0
90 VERTEX
91 8
92 ROAD_1596
93 62
94 7
95 10
96 540505.0
97 20
98 4999255.0
99 30
100 -9999.0
101 70
102 32
103 0
104 SEQEND

```
105      8
106     ROAD_1596
107      62
108      7
109      0
110     TEXT
111      8
112     TOPONYM_1852
113      62
114      7
115      10
116     544323.0
117      20
118     4999095.0
119      30
120     -9999.0
121      40
122     50.0
123      1
124     Saint Lawrence River
125      0
126     ENDSEC
127      0
128     EOF
```

Please refer to the following pages for details on each DXF command used.

Detailed Description

The text in bold is part of the DXF syntax; the text in italics refers to user variables.

Lines 1 and 2

0
SECTION

Marks the beginning of a section that will hold all the entities of that DXF file.

Lines 3 and 4

2
ENTITIES

Indicates that it is an entities section.

Lines 5 and 6

0
INSERT

Indicates the beginning of an insert block that will end with the following block (start with "0").

Lines 7 and 8

8
BUILDING_109

The "8" indicates that the following line provides the entity level. The first section of the level name (BUILDING) corresponds to the NTDB entity "BUILDING". The second part of the level identification includes this entity's explicit code (109). Under the DXF Format, entity codes are transferred only in this manner.

Lines 9 and 10

62
7

The "62" indicates that the following line provides the colour. Under DXF, all entities are represented by the colour "7" (white). NTDB files include only points, lines and areas, without any cartographic symbols. The user must define his/her parameters relating to the application.

Lines 11 and 12

2
POINT

Indicates the block name.

Lines 13, 14, 15, 16, 17 and 18

10
553672.0
20
4989725.0
30
-9999.0

The "10" indicates that the following line corresponds to the UTM (Universal Transverse Mercator) X coordinate of the point. The "20" and "30" indicate respectively the Y and Z coordinates. For geographical coordinates, "10" is followed by the Longitude, "20" by the Latitude and "30" by the elevation.

A value of -9999 indicates that the entity has no elevation (Z).

Lines 19, 20, 21, 22, 23, 24, 25 and 26

41
1.00
42
1.00
50
63.00008
43
1.00

The "41" indicates that the following line provides the scale factor on the X axis. The "42" and "43" indicate respectively the scale factor for the Y and Z axes.

The "50" indicates that the following line corresponds to the rotation angle of the point entity.

Lines 27 and 28

0
LINE

The "0" indicates the beginning of a new block. Under DXF, the "LINE" block represents a line with only two vertices.

Lines 29, 30, 31 and 32

8
DAM_360
62
7

The four preceding lines describe a dam of the "LINE" block type represented by the colour "7". These values indicate that it is a dam "other" represented by the colour "7".

Lines 33, 34, 35, 36 and 38

10
577273.0
20
4984956.0
30
-9999.0

Inside a "LINE" block these values indicate the line's first point.

Lines 39, 40, 41, 42, 43 and 44

11
577283.0
21
4984987.0
31
-9999.0

Inside a "LINE" block these values indicate the line's last point.

Lines 45 and 46

0
POLYLINE

The "0" shows the beginning of a new block. Under DXF, the "POLYLINE" block represents a line with more than two vertices. This block always ends with "SEQEND".

Lines 47, 48, 49 and 50

8
ROAD_1596
62
7

These values indicate that it is a road with the attribute combination "Highway, ground level, hard surface, operational", represented by the colour "7".

Lines 51 and 52

66
1

The "66" indicates the presence of a vertex. The following value is always "1".

Lines 53, 54, 55, 56, 57, 58, 59 and 60

10
0.0
20
0.0
30
0.0
70
8

The elements "10", "20", "30" are always there for the polylines and have the value 0.00 for NTDB data.

Element "70" is a polyline descriptor. The value following is always "8" meaning it is a polyline with 3 dimensions (3D).

Lines 61 and 62

0
VERTEX

The "0" indicates the beginning of a new block. The "VERTEX" block provides the position of a vertex. It includes, once again, the entity's level and the colour.

Lines 63, 64, 65 and 66

8
ROAD_1596
62
7

These values indicate that it is a road with the attribute combination "Highway, ground level, hard surface, operational", represented by the colour "7".

Lines 67, 68, 69, 70, 71 and 72

10
539568.0
20
4998247.0
30
-9999.0

The "10" indicates that the following line corresponds to the UTM (Universal Transverse Mercator) X coordinate of the point. The "20" and "30" indicate respectively the Y and Z coordinates. For geographical coordinates, "10" is followed by the Longitude, "20" by the Latitude and "30" by the elevation.

A value of -9999 indicates that the entity has no elevation (Z).

Lines 73 and 74

70
32

Element "70" is a vertex descriptor. The value following is always "32" meaning it is a vertex with 3 dimensions (3D).

Lines 75 to 88 and 89 to 102

See the explanations from line 61 to 74 included.

Lines 103, 104, 105, 106, 107, 108

0
SEQEND
8
ROAD_1596
62
7

This block indicates the end of a "POLYLINE" type line. This block is followed, once again, by the level and colour number values.

Lines 109 and 110

0
TEXT

Indicates the beginning of an insert block that will end with the following block (start with "0"). It is a block of ("TEXT") type presenting the toponym in a label form.

Lines 111 and 112

8
TOPONYM_1852

The "8" indicates that the following line provides the entity level. The first section of the level name (TOPONYM) corresponds to the NTDB entity "TOPONYM". The second part of the level identification includes this entity's explicit code (1852) which corresponds to the attribute "Hydrography".

Lines 113 and 114

62
7

The "62" indicates that the following line provides the colour. Under DXF, all entities are represented by the colour "7" (white).

Lines 115, 116, 117, 118, 119 and 120

10
544323.0
20
4999095.0
30
-9999.0

The "10" indicates that the following line corresponds to the UTM (Universal Transverse Mercator) X coordinate of the point. The "20" and "30" indicate respectively the Y and Z coordinates. For geographical coordinates, "10" is followed by the Longitude, "20" by the Latitude and "30" by the elevation.

A value of -9999 indicates that the entity has no elevation (Z).

Lines 121 and 122

40
50.0

The "40" indicates that the following line provides the height of the text. The height of 50 metres is used by default to represent toponyms under DXF. It is 0.0002 decimal degree when NTDB data are converted into geographical coordinates (Longitude/Latitude).

Lines 123 and 124

1
Saint Lawrence River

The "1" indicates that the following line provides the text value.

Lines 125 and 126

0
ENDSEC

This block indicates the end of the section containing entities.

Lines 127 and 128

0
EOF

This block indicates the end of the file.

10. List of Level Names in a DXF File

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Aerial Cableway							
Generic/Unknown	AERIAL_CABL_10		l			l	
Other	AERIAL_CABL_11		l			l	
Ski Lift	AERIAL_CABL_12		l			l	
Amusement Park	AMUSEMENT_P_23			a			
Auto Wrecker	AUTO_WRECKE_34			a			
Barrier/Gate							
Generic/Unknown	BARRIER_GAT_45	p					
Other	BARRIER_GAT_46	p					
Tollgate	BARRIER_GAT_47	p					
Boat Ramp	BOAT_RAMP_58	p					
Botanical Garden	BOTANICAL_G_69			a			
Breakwater	BREAKWATER_80		l			l	
Bridge							
Covered	BRIDGE_92		l				
Generic/Unknown	BRIDGE_91		l			l	
Moveable Surface	BRIDGE_93		l				
Other	BRIDGE_94		l				
Building							
Arena	BUILDING_106	p		a			
Armoury	BUILDING_107	p		a			
Barn/Machinery Shed	BUILDING_109	p		a			
Cabin	BUILDING_110	p		a	p		
City Hall	BUILDING_114	p		a			
Coast Guard Station	BUILDING_115	p		a	p		
Community Centre	BUILDING_117	p		a			
Courthouse	BUILDING_120	p		a			
Customs Post	BUILDING_121	p		a	p		
Dome	BUILDING_122	p		a			
Educational Building	BUILDING_179	p		a	p		
Electric Power Station	BUILDING_123	p		a	p		
Fire Station	BUILDING_126	p		a			
Fish Hatchery	BUILDING_128	p		a			
Gas and Oil Facilities Building	BUILDING_146			a			
Generic/Unknown	BUILDING_105	p		a	p		
Grain Elevator	BUILDING_130	p		a			
Greenhouse	BUILDING_174	p		a			
Hall	BUILDING_131	p		a			
Highway Service Centre	BUILDING_132	p		a	p		
Hospital	BUILDING_133	p		a			

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Building (Continued)							
Industrial Building	BUILDING_177			a			
Kiln (Tobacco)	BUILDING_136	p		a			
Lodging Facilities	BUILDING_176	p		a			
Medical Centre	BUILDING_139	p		a			
Municipal Hall	BUILDING_142	p		a			
Museum	BUILDING_143	p		a			
Observatory	BUILDING_145	p		a			
Other	BUILDING_147	p		a			
Parliament Building	BUILDING_149	p		a			
Penal Building	BUILDING_175	p		a			
Police Station	BUILDING_153	p		a	p		
Religious Building	BUILDING_178	p		a	p		
Railway Station	BUILDING_155	p		a	p		
Sanatorium	BUILDING_157	p		a			
Satellite-Tracking Station	BUILDING_158	p		a			
Senior Citizens Home	BUILDING_162	p		a			
Shopping Centre	BUILDING_165			a			
Sportsplex	BUILDING_166	p		a			
Trading Post	BUILDING_168	p		a	p		
Warden/Ranger Station	BUILDING_170	p		a	p		
Weigh Scale	BUILDING_172	p		a			
Built-Up Area							
Generic/Unknown	BUILT_UP_AR_184			a	p		a
Mobile Home Park	BUILT_UP_AR_186			a			
Other	BUILT_UP_AR_185			a			
Camp	CAMP_206	p					
Campground	CAMPGROUND_217	p		a	p		
Cave Entrance	CAVE_ENTRAN_239	p					
Cemetery	CEMETERY_250	p		a			
Chimney							
Burner	CHIMNEY_264	p					
Flare Stack	CHIMNEY_262	p			p		
Generic/Unknown	CHIMNEY_261	p			p		
Industrial	CHIMNEY_263	p			p		
Conduit							
Generic/Unknown	CONDUIT_274		1			1	
Ground level, Other	CONDUIT_277		1			1	
Ground level, Penstock	CONDUIT_275		1			1	
Ground level, Unknown	CONDUIT_279		1			1	
Underground, Other	CONDUIT_278		1			1	
Underground, Penstock	CONDUIT_276		1			1	
Underground, Unknown	CONDUIT_280		1			1	

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Conduit Bridge	CONDUIT_BRI_289		1				
Contour							
Depression, Collected	CONTOUR_1559		1			1	
Depression, Derived	CONTOUR_1560		1			1	
Depression, Unknown	CONTOUR_1564		1			1	
Generic/Unknown	CONTOUR_1558		1			1	
Other, Collected	CONTOUR_1561		1			1	
Other, Derived	CONTOUR_1562		1			1	
Other, Unknown	CONTOUR_1563		1			1	
Conveyor	CONVEYOR_300		1			1	
Crane							
Generic/Unknown	CRANE_311	p	1				
Moveable	CRANE_312		1				
Stationary	CRANE_313	p					
Cross	CROSS_324	p					
Cut	CUT_335			a			a
Cut Line							
Firebreak	CUT_LINE_347		1				
Generic/Unknown	CUT_LINE_346		1			1	
Other	CUT_LINE_348		1				
Dam							
Generic/Unknown	DAM_359	p	1	a	p	1	a
Other	DAM_360	p	1	a	p	1	a
Sluice Gate	DAM_361	p	1				
Disappearing Stream							
Generic/Unknown	DISAPPEARIN_370	p			p		
Other	DISAPPEARIN_371	p			p		
Sinkhole	DISAPPEARIN_372	p			p		
Discontinuity Point							
Dead End	DISCONTINUI_1591	p			p		
Generic/Unknown	DISCONTINUI_1590	p			p		
Drive-In Theatre	DRIVE_IN_TH_383	p		a			
Dry River Bed	DRY_RIVER_B_394			a			a
Dyke/Levee	DYKE_LEVEE_429		1			1	
Elevation Point							
Generic/Unknown	ELEVATION_P_1573	p			p		
Precise Altitude	ELEVATION_P_1575	p			p		
Spot Height	ELEVATION_P_1576	p			p		
Embankment							
Causeway	EMBANKMENT_442			a			a
Generic/Unknown	EMBANKMENT_440			a			a
Other	EMBANKMENT_441			a			a

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Esker	ESKER_451		l			l	
Exhibition Ground							
Fairground	EXHIBITION_464			a			
Generic/Unknown	EXHIBITION_462			a			
Other	EXHIBITION_463			a			
Ferry Route	FERRY_ROUTE_508	p	l		p	l	
Fish Ladder	FISH_LADDER_519	p					
Fish Pond	FISH_POND_530			a			
Footbridge	FOOTBRIDGE_552		l				
Ford	FORD_563	p	l				
Fort	FORT_585			a			
Gas and Oil Facilities	GAS_AND_OIL_788	p		a	p		
Golf Course	GOLF_COURSE_596			a			
Golf Driving Range	GOLF_DRIVIN_607	p		a			
Hazard To Navigation							
Exposed Shipwreck	HAZARD_TO_N_1682	p					
Generic/Unknown	HAZARD_TO_N_1680	p			p		
Obstacle In Water	HAZARD_TO_N_1683	p					
Rock In Water	HAZARD_TO_N_1681	p			p		
Highway Exit	HIGHWAY_EXI_1640	p					
Historic Site/Point of Interest	HISTORIC_SI_640	p			p		
Kelp	KELP_662			a			
Limited-Use Road							
Cart Track	LIMITED_USE_1646		l			l	
Dry Weather	LIMITED_USE_1648		l			l	
Generic/Unknown	LIMITED_USE_1645		l			l	
Winter	LIMITED_USE_1647		l			l	
Liquids Depot/Dump							
Drinking Water, Other	LIQUIDS_DEP_1671	p		a			a
Generic/Unknown	LIQUIDS_DEP_1665	p		a			a
Liquid Waste, Sewage Disposal Pond	LIQUIDS_DEP_1666	p		a			
Liquid Waste, Sedimentation Pond	LIQUIDS_DEP_1667	p		a			
Liquid Waste, Unknown	LIQUIDS_DEP_1668	p		a			a
Water, Filtration Pond	LIQUIDS_DEP_1670	p		a			
Water, Other	LIQUIDS_DEP_1669	p		a			
Water, Swimming Pool	LIQUIDS_DEP_1672	p		a			
Lock Gate	LOCK_GATE_673	p	l				
Lookout	LOOKOUT_684	p		a			
Lumber Yard	LUMBER_YARD_695			a			
Marina/Yacht Club							
Marina	MARINA_YACH_702	p					
Generic/Unknown	MARINA_YACH_701	p					
Yacht Club	MARINA_YACH_703	p					

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Mining Area							
Generic/Unknown	MINING_AREA_1690	P		a	p		a
Mine, Open Pit, Operational	MINING_AREA_1693	p		a			
Mine, Open Pit, Unknown	MINING_AREA_1695	p		a			
Mine, Underground, Operational	MINING_AREA_1697	p					
Mine, Unknown, Abandoned	MINING_AREA_1694	p		a	p		a
Mine, Unknown, Operational	MINING_AREA_1696	p		a	p		a
Pit, Open pit, Operational	MINING_AREA_1691			a			a
Quarry, Open Pit, Operational	MINING_AREA_1692			a			a
Unknown, Open Pit, Unknown	MINING_AREA_1698	p		a			a
Moraine							
MORAINE_731				a			a
Navigable Canal							
Abandoned	NAVIGABLE_C_743		l	a		l	a
Generic/Unknown	NAVIGABLE_C_742		l	a		l	a
Operational	NAVIGABLE_C_744		l	a		l	a
Navigational Aid							
Generic/Unknown	NAVIGATION__765	p			p		
Navigation Beacon	NAVIGATION__767	p			p		
Navigation Light	NAVIGATION__766	p			p		
NTS Territorial Limit							
NTS_TERRITO_1536			l			l	
Oil or Gas Field							
OIL_OR_GAS_793		p			p		
Palsa Bog							
PALSA_BOG_799				a			a
Parabolic Antenna							
Generic/Unknown	PARABOLIC_A_810	p					
Radar	PARABOLIC_A_811	p					
Radio Telescope	PARABOLIC_A_812	p					
Park/Sports Field							
PARK_SPORTS_823				a			
Peat Cutting							
PEAT_CUTTIN_834				a			
Permanent Snow And Ice							
Debris-Covered Ice	PERMANENT_S_846			a			a
Generic/Unknown	PERMANENT_S_845			a			a
Other	PERMANENT_S_847			a			a
Picnic Site							
PICNIC_SITE__858		p		a	p		
Pingo							
PINGO_869		p			p		
Pipeline							
Generic/Unknown	PIPELINE_880		l			l	
Multiuse, Aboveground	PIPELINE_890		l			l	
Multiuse, Underground	PIPELINE_891		l			l	
Natural Gas, Aboveground	PIPELINE_881		l			l	
Natural Gas, Underground	PIPELINE_882		l			l	
Oil, Aboveground	PIPELINE_883		l			l	
Oil, Underground	PIPELINE_884		l			l	
Sewage/Liquid Waste, Aboveground	PIPELINE_885		l			l	
Unknown, Aboveground	PIPELINE_886		l			l	
Unknown, Underground	PIPELINE_887		l			l	

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Pond Partition	POND_PARTIT_909		1				
Railway							
Generic/Unknown	RAILWAY_934		1			1	
Narrow, Unknown, Operational, Side Track	RAILWAY_937		1				
Narrow, Unknown, Operational, Unknown	RAILWAY_936		1			1	
Special, Ground Level, Operational, Multiple	RAILWAY_944		1				
Special, Ground Level, Operational, Single	RAILWAY_945		1				
Special, Other, Operational, Multiple	RAILWAY_960		1				
Special, Other, Operational, Single	RAILWAY_961		1				
Special, Unknown, Under Construction, Multiple	RAILWAY_942		1				
Special, Unknown, Under Construction, Single	RAILWAY_943		1				
Standard, Ground Level, Operational, Multiple	RAILWAY_954		1			1	
Standard, Ground Level, Operational, Side Track	RAILWAY_955		1				
Standard, Ground Level, Operational, Single	RAILWAY_956		1			1	
Standard, Other, Operational, Multiple	RAILWAY_957		1			1	
Standard, Other, Operational, Side Track	RAILWAY_959		1				
Standard, Other, Operational, Single	RAILWAY_958		1			1	
Standard, Unknown, Under Construction, Multiple	RAILWAY_952		1			1	
Standard, Unknown, Under Construction, Single	RAILWAY_953		1			1	
Unknown, Unknown, Adandoned, Unknown	RAILWAY_935		1			1	
Unknown, Unknown, Operational, Unknown	RAILWAY_962		1				
Road							
Generic/Unknown	ROAD_1594		1			1	
Highway, Ground Level, Hard Surface, Operational	ROAD_1596		1			1	
Highway, Ground Level, Loose Surface, Operational	ROAD_1595		1			1	
Highway, Ground Level, Unknown, Unknown	ROAD_1621		1			1	
Highway, Other, Hard Surface, Operational	ROAD_1597		1			1	
Highway, Unknown, Unknown, Under Construction	ROAD_1598		1			1	
Main, Ground Level, Hard Surface, Operational	ROAD_1603		1			1	
Main, Ground Level, Loose Surface, Operational	ROAD_1604		1			1	
Main, Ground Level, Unknown, Unknown	ROAD_1622		1			1	
Main, Other, Hard Surface, Operational	ROAD_1605		1			1	
Main, Unknown, Unknown, Under Construction	ROAD_1606		1			1	
Rapid Transit, Ground Level, Hard Surface, Operational	ROAD_1600		1				
Rapid Transit, Other, Hard Surface, Operational	ROAD_1601		1				
Rapid Transit, Unknown, Unknown, Under Construction	ROAD_1602		1				
Secondary, Ground Level, Hard Surface, Operational	ROAD_1612		1			1	
Secondary, Ground Level, Loose Surface, Operational	ROAD_1611		1			1	
Secondary, Ground Level, Unknown, Unknown	ROAD_1623		1			1	
Secondary, Other, Hard Surface, Operational	ROAD_1613		1			1	
Secondary, Unknown, Unknown, Under Construction	ROAD_1614		1			1	

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Road (Continued)							
Street, Ground Level, Hard Surface, Operational	ROAD_1608		l				
Street, Ground Level, Loose Surface, Operational	ROAD_1607		l				
Street, Ground Level, Unknown, Unknown	ROAD_1624		l				
Street, Other, Hard Surface, Operational	ROAD_1609		l				
Street, Unknown, Unknown, Under Construction	ROAD_1610		l				
Unknown, Ground Level, Unknown, Unknown	ROAD_1599		l				
Rocky Ledge/Reef	ROCKY_LEDGE_1044			a			a
Ruins	RUINS_1055	p		a			
Runway							
Airfield, Unknown, Unknown	RUNWAY_1067	p		a	p		
Airfield, Operational, Loose Surface	RUNWAY_1069	p		a			
Airfield, Operational, Hard Surface	RUNWAY_1068	p		a			
Airfield, Operational, Unknown	RUNWAY_1075				p		
Airport, Operational, Hard Surface	RUNWAY_1070	P		a			
Airport, Operational, Loose Surface	RUNWAY_1072	P		a			
Airport, Operational, Unknown	RUNWAY_1074				p		
Generic/Unknown	RUNWAY_1066	p		a	p		
Heliport, Operational, Unknown	RUNWAY_1073	p			p		
Unknown, Abandoned, Unknown	RUNWAY_1071	p		a	p		
Sand							
Generic/Unknown	SAND_1082			a			a
Other	SAND_1083			a			a
Underwater	SAND_1084			a			a
Seaplane Base							
Anchorage	SEAPLANE_BA_1096	p			p		
Base	SEAPLANE_BA_1097	p			p		
Generic/Unknown	SEAPLANE_BA_1095	p			p		
Seawall	SEAWALL_1108		l				
Shrine	SHRINE_1119	p					
Silo	SILO_1130	p					
Ski Centre	SKI_CENTRE_1141	p			p		
Ski Jump	SKI_JUMP_1152	p					
Slip							
Dry Dock	SLIP_408			a			
Generic/Unknown	SLIP_406			a			
Other	SLIP_407			a			
Snowshed	SNOWSHED_1185		l				

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Solids Depot/Dump							
Domestic, Waste, Abandoned	SOLIDS_DEPO_1656			a			
Domestic, Waste, Other	SOLIDS_DEPO_1657			a			
Generic/Unknown	SOLIDS_DEPO_1655	p		a			a
Industrial, Stockpile, Unknown	SOLIDS_DEPO_1659			a			
Industrial, Waste, Unknown	SOLIDS_DEPO_1658	p		a			a
Sports Track/Race Track							
Drag Strip	SPORTS_TRAC_1197			a			
Generic/Unknown	SPORTS_TRAC_1196		l	a			
Other	SPORTS_TRAC_1198		l				
Spring	SPRING_1209	p					
Stadium	STADIUM_1220			a			
Stockyard	STOCKYARD_1242			a			
String Bog	STRING_BOG_1253			a			a
Tank							
Generic/Unknown	TANK_1275	p		a	p		
Horizontal, Unknown	TANK_1276	p		a			
Vertical, Other	TANK_1277	p		a	p		
Vertical, Unknown	TANK_1279	p		a	p		
Vertical, Water	TANK_1278	p		a			
Toponym							
Generic/Unknown	TOPONYM_1850	p*			p*		
Hydrography	TOPONYM_1852	p*			p*		
Place	TOPONYM_1851	p*			p*		
Relief	TOPONYM_1854	p*			p*		
Shoreline	TOPONYM_1853	p*			p*		
Transportation	TOPONYM_1855	p*			p*		
Tower							
Communication	TOWER_1291	p			p		
Control	TOWER_1292	p					
Clearance	TOWER_1290	p			p		
Fire	TOWER_1293	p			p		
Generic/Unknown	TOWER_1289	p			p		
Lookout	TOWER_1294	p			p		
Trail							
Generic/Unknown	TRAIL_1305		l			l	
Other	TRAIL_1306		l			l	
Portage	TRAIL_1307		l		p	l	
Transformer Station	TRANSFORMER_1318	p		a	p		

* **Toponyms** are presented in a label form ("TEXT") under DXF.

NTDB Entity Name	Level Name under DXF	1:50,000			1:250,000		
		Point	Line	Area	Point	Line	Area
Transmission Line							
Generic/Unknown	TRANSMISSIO_1329		l			l	
Power, Other	TRANSMISSIO_1330		l			l	
Power, Submarine	TRANSMISSIO_1331		l			l	
Telephone, Other	TRANSMISSIO_1332		l			l	
Tundra Polygon	TUNDRA_POLY_1354			a			a
Tundra Pond	TUNDRA_POND_1365			a			a
Tunnel	TUNNEL_1376		l			l	
Turntable	TURNTABLE_1387	p					
Underground Reservoir	UNDERGROUND_1710	p		s			
Valve	VALVE_1398	p					
Vegetation							
Generic/Unknown	VEGETATION_1409			a			a
Orchard	VEGETATION_1410			a			
Tree Nursery	VEGETATION_1413			a			
Vineyard/Hopfield	VEGETATION_1411			a			
Wooded Area	VEGETATION_1412			a			
Wall/Fence							
Fence	WALL_FENCE_1424		l				
Generic/Unknown	WALL_FENCE_1423		l				
Wall	WALL_FENCE_1425		l				
Water Disturbance							
Falls	WATER_DISTU_1701	p	l		p	l	
Generic/Unknown	WATER_DISTU_1700	p	l	a	p	l	a
Rapids	WATER_DISTU_1702	p	l	a	p	l	a
Waterbody							
Flooded Area	WATERBODY_1454			a			a
Generic/Unknown	WATERBODY_1449			a			a
Intermittent/Slough	WATERBODY_1450			a			a
Irrigation Canal	WATERBODY_1453			a			a
Other	WATERBODY_1452			a			a
Watercourse	WATERCOURSE_1463		l			l	
Well							
Brine	WELL_1479	p					
Generic/Unknown	WELL_1478	p			p		
Petroleum	WELL_1480	p			p		
Water	WELL_1481	p					
Wetland	WETLAND_1492			a			a
Wharf	WHARF_1503		l			l	
Wind-Operated Device	WIND_OPERAT_1514	p					
Zoo	ZOO_1525			a			

Annex 1: List of NTDB Entities (Sorted in Alphabetical Order)

ENGLISH NAME OF ENTITY	FRENCH NAME OF ENTITY	NTDB THEME
AERIAL CABLEWAY	TÉLÉPHÉRIQUE	MANMADE FEATURES
AMUSEMENT PARK	PARC D'AMUSEMENT	DESIGNATED AREAS
AUTO WRECKER	RÉCUPÉRATEUR	DESIGNATED AREAS
BARRIER/GATE	BARRIÈRE	ROAD NETWORK
BOAT RAMP	RAMPE DE MISE À L'EAU	HYDROGRAPHY
BOTANICAL GARDEN	JARDIN BOTANIQUE	DESIGNATED AREAS
BREAKWATER	BRISE-LAMES	HYDROGRAPHY
BRIDGE	PONT	MANMADE FEATURES
BUILDING	BÂTIMENT	MANMADE FEATURES
BUILT-UP AREA	AGGLOMÉRATION	MANMADE FEATURES
CAMP	CAMP	DESIGNATED AREAS
CAMPGROUND	TERRAIN DE CAMPING	DESIGNATED AREAS
CAVE ENTRANCE	ENTRÉE DE CAVERNE	RELIEF AND LANDFORM
CEMETERY	CIMETIÈRE	DESIGNATED AREAS
CHIMNEY	CHEMINÉE	MANMADE FEATURES
CONDUIT	CONDUIT	HYDROGRAPHY
CONDUIT BRIDGE	PONT DE CANALISATION	MANMADE FEATURES
CONTOUR	COURBE DE NIVEAU	HYPSOGRAPHY
CONVEYOR	CONVOYEUR	MANMADE FEATURES
CRANE	GRUE	MANMADE FEATURES
CROSS	CROIX	MANMADE FEATURES
CUT	DÉBLAI	MANMADE FEATURES
CUT LINE	PERCÉE	VEGETATION
DAM	BARRAGE	HYDROGRAPHY
DISAPPEARING STREAM	EXSURGENCE	HYDROGRAPHY
DISCONTINUITY POINT	POINT DE DISCONTINUITÉ	GENERAL
DRIVE-IN THEATRE	CINÉ-PARC	DESIGNATED AREAS
DRY RIVER BED	LIT DE COURS D'EAU TARI	HYDROGRAPHY
DYKE/LEVEE	DIGUE/LEVÉE	HYDROGRAPHY
ELEVATION POINT	POINT D'ÉLÉVATION	HYPSOGRAPHY
EMBANKMENT	REMBLAI	MANMADE FEATURES
ESKER	ESKER	RELIEF AND LANDFORM
EXHIBITION GROUND	TERRAIN D'EXPOSITION	DESIGNATED AREAS
FERRY ROUTE	TRAVERSE	ROAD NETWORK
FISH LADDER	ÉCHELLE À POISSONS	DESIGNATED AREAS
FISH POUND	VIVIER	HYDROGRAPHY
FOOTBRIDGE	PASSERELLE	MANMADE FEATURES
FORD	GUÉ	ROADS
FORT	FORT	DESIGNATED AREAS
GAS AND OIL FACILITIES	INSTALLATIONS GAZ ET PÉTROLE	DESIGNATED AREAS
GOLF COURSE	TERRAIN DE GOLF	DESIGNATED AREAS
GOLF DRIVING RANGE	TERRAIN DE PRATIQUE DE GOLF	DESIGNATED AREAS
HAZARD TO AIR NAVIGATION	OBSTACLE À LA NAVIGATION AÉRIENNE	RELIEF AND LANDFORM
HAZARD TO NAVIGATION	ENTRAVE À LA NAVIGATION	HYDROGRAPHY
HIGHWAY EXIT	SORTIE D'AUTOROUTE	ROAD NETWORK
HISTORIC SITE/POINT OF INTEREST	LIEU HISTORIQUE/LIEU D'INTÉRÊT	DESIGNATED AREAS
KELP	VARECH	HYDROGRAPHY
LIMITED-USE ROAD	ROUTE D'ACCÈS LIMITÉ	ROADS
LIQUIDS DEPOT/DUMP	DÉPÔT DE LIQUIDE	MANMADE FEATURES
LOCK GATE	PORTE D'ÉCLUSE	HYDROGRAPHY
LOOKOUT	BELVÉDÈRE	DESIGNATED AREAS
LUMBER YARD	COUR À BOIS	DESIGNATED AREAS
MARINA/YACHT CLUB	MARINA/CLUB NAUTIQUE	DESIGNATED AREAS
MINING AREA	ZONE D'EXTRACTION DU MINÉRAI	DESIGNATED AREAS
MORAINÉ	MORAINÉ	RELIEF AND LANDFORM
NAVIGABLE CANAL	CANAL NAVIGABLE	HYDROGRAPHY
NAVIGATIONAL AID	REPÈRE DE NAVIGATION	HYDROGRAPHY
NTS TERRITORIAL LIMITS	LIMITE DE TERRITOIRE SNRC	GENERAL
OIL OR GAS FIELD	CHAMP PÉTROLIFÈRE OU GAZIER	DESIGNATED AREAS
PALSA BOG	FONDRIÈRE DE PALSE	WATER SATURATED SOILS
PARABOLIC ANTENNA	ANTENNE PARABOLIQUE	MANMADE FEATURES
PARK/SPORTS FIELD	PARC/TERRAIN DE SPORTS	DESIGNATED AREAS
PEAT CUTTING	TOURBIÈRE EN EXPLOITATION	VEGETATION

ENGLISH NAME OF ENTITY	FRENCH NAME OF ENTITY	NTDB THEME
PERMANENT SNOW AND ICE	NEIGE ET GLACE PERMANENTES	HYDROGRAPHY
PICNIC SITE	TERRAIN DE PIQUE-NIQUE	DESIGNATED AREAS
PINGO	PINGO	RELIEF AND LANDFORM
PIPELINE	PIPELINE	POWER NETWORK
POND PARTITION	SÉPARATEUR D'ÉTANGS	MANMADE FEATURES
RAILWAY	CHEMIN DE FER	RAIL NETWORK
ROAD	ROUTE	ROAD NETWORK
ROCKY LEDGE/REEF	BARRE ROCHEUSE/RÉCIF	HYDROGRAPHY
RUINS	RUINES	MANMADE FEATURES
RUNWAY	PISTE D'ENVOL	MANMADE FEATURES
SAND	SABLE	HYDROGRAPHY
SEAPLANE BASE	BASE D'HYDRAVIONS	DESIGNATED AREAS
SEAWALL	MUR DE PROTECTION	HYDROGRAPHY
SHRINE	LIEU DE PÈLERINAGE	DESIGNATED AREAS
SILO	SILO	MANMADE FEATURES
SKI CENTRE	CENTRE DE SKI	DESIGNATED AREAS
SKI JUMP	SAUT DE SKI	MANMADE FEATURES
SLIP	CALE	HYDROGRAPHY
SNOWSHED	PARANEIGE	MANMADE FEATURES
SOLIDS DEPOT/DUMP	DÉPÔT DE SOLIDES	DESIGNATED AREAS
SPORTS TRACK/RACE TRACK	PISTE DE COURSES	MANMADE FEATURES
SPRING	SOURCE	HYDROGRAPHY
STADIUM	STADE	MANMADE FEATURES
STOCKYARD	PARC À BESTIAUX	DESIGNATED AREAS
STRING BOG	FONDRIÈRE À FILAMENTS	WATER SATURATED SOILS
TANK	CITERNE	MANMADE FEATURES
TOPONYM	TOPONYME	TOPONYMY
TOWER	TOUR	MANMADE FEATURES
TRAIL	SENTIER	ROADS
TRANSFORMER STATION	POSTE DE TRANSFORMATEUR	POWER NETWORK
TRANSMISSION LINE	LIGNE DE TRANSMISSION	POWER NETWORK
TUNDRA POLYGON	SOLS POLYGONAUX	RELIEF AND LANDFORM
TUNDRA POND	ÉTANGS DE TOUNDRA	WATER SATURATED SOILS
TUNNEL	TUNNEL	MANMADE FEATURES
TURNTABLE	PLAQUE TOURNANTE	RAIL NETWORK
UNDERGROUND RESERVOIR	RÉSERVOIR SOUTERRAIN	MANMADE FEATURES
VALVE	VALVE	POWER NETWORK
VEGETATION	VÉGÉTATION	VEGETATION
WALL/FENCE	MUR/CLÔTURE	MANMADE FEATURES
WATER DISTURBANCE	PERTURBATION DES EAUX	HYDROGRAPHY
WATERBODY	ÉTENDUE D'EAU	HYDROGRAPHY
WATERCOURSE	COURS D'EAU	HYDROGRAPHY
WELL	PUITS	MANMADE FEATURES
WETLAND	TERRE HUMIDE	WATER SATURATED SOILS
WHARF	QUAI	HYDROGRAPHY
WIND-OPERATED DEVICE	ÉOLIENNE	MANMADE FEATURES
ZOO	ZOO	DESIGNATED AREAS

Annex 2: List of NTDB Entities (Sorted by Theme)

NTDB THEME	ENGLISH NAME OF ENTITY	FRENCH NAME OF ENTITY
DESIGNATED AREAS	AMUSEMENT PARK	PARC D'AMUSEMENT
DESIGNATED AREAS	AUTO WRECKER	RÉCUPÉRATEUR
DESIGNATED AREAS	BOTANICAL GARDEN	JARDIN BOTANIQUE
DESIGNATED AREAS	CAMP	CAMP
DESIGNATED AREAS	CAMPGROUND	TERRAIN DE CAMPING
DESIGNATED AREAS	CEMETERY	CIMETIÈRE
DESIGNATED AREAS	DRIVE-IN THEATRE	CINÉ-PARC
DESIGNATED AREAS	EXHIBITION GROUND	TERRAIN D'EXPOSITION
DESIGNATED AREAS	FISH LADDER	ÉCHELLE À POISSONS
DESIGNATED AREAS	FORT	FORT
DESIGNATED AREAS	GAS AND OIL FACILITIES	INSTALLATIONS GAZ ET PÉTROLE
DESIGNATED AREAS	GOLF COURSE	TERRAIN DE GOLF
DESIGNATED AREAS	GOLF DRIVING RANGE	TERRAIN DE PRATIQUE DE GOLF
DESIGNATED AREAS	HISTORIC SITE/POINT OF INTEREST	LIEU HISTORIQUE/LIEU D'INTÉRÊT
DESIGNATED AREAS	LOOKOUT	BELVÉDÈRE
DESIGNATED AREAS	LUMBER YARD	COUR À BOIS
DESIGNATED AREAS	MARINA/YACHT CLUB	MARINA/CLUB NAUTIQUE
DESIGNATED AREAS	MINING AREA	ZONE D'EXTRACTION DU MINÉRAI
DESIGNATED AREAS	OIL OR GAS FIELD	CHAMP PÉTROLIFÈRE OU GAZIER
DESIGNATED AREAS	PARK/SPORTS FIELD	PARC/TERRAIN DE SPORTS
DESIGNATED AREAS	PICNIC SITE	TERRAIN DE PIQUE-NIQUE
DESIGNATED AREAS	SEAPLANE BASE	BASE D'HYDRATIONS
DESIGNATED AREAS	SHRINE	LIEU DE PÈLERINAGE
DESIGNATED AREAS	SKI CENTRE	CENTRE DE SKI
DESIGNATED AREAS	SOLIDS DEPOT/DUMP	DÉPÔT DE SOLIDES
DESIGNATED AREAS	STOCKYARD	PARC À BESTIAUX
DESIGNATED AREAS	ZOO	ZOO
GENERAL	DISCONTINUITY POINT	POINT DE DISCONTINUITÉ
GENERAL	NTS TERRITORIAL LIMITS	LIMITE DE TERRITOIRE SNRC
HYDROGRAPHY	BOAT RAMP	RAMPE DE MISE À L'EAU
HYDROGRAPHY	BREAKWATER	BRISE-LAMES
HYDROGRAPHY	CONDUIT	CONDUIT
HYDROGRAPHY	DAM	BARRAGE
HYDROGRAPHY	DISAPPEARING STREAM	EXSURGENCE
HYDROGRAPHY	DRY RIVER BED	LIT DE COURS D'EAU TARI
HYDROGRAPHY	DYKE/LEVEE	DIGUE/LEVÉE
HYDROGRAPHY	FISH POUND	VIVIER
HYDROGRAPHY	HAZARD TO NAVIGATION	ENTRAVE À LA NAVIGATION
HYDROGRAPHY	KELP	VARECH
HYDROGRAPHY	LOCK GATE	PORTE D'ÉCLUSE
HYDROGRAPHY	NAVIGABLE CANAL	CANAL NAVIGABLE
HYDROGRAPHY	NAVIGATIONAL AID	REPÈRE DE NAVIGATION
HYDROGRAPHY	PERMANENT SNOW AND ICE	NEIGE ET GLACE PERMANENTES
HYDROGRAPHY	ROCKY LEDGE/REEF	BARRE ROCHEUSE/RÉCIF
HYDROGRAPHY	SAND	SABLE
HYDROGRAPHY	SEAWALL	MUR DE PROTECTION
HYDROGRAPHY	SLIP	CALE
HYDROGRAPHY	SPRING	SOURCE
HYDROGRAPHY	WATER DISTURBANCE	PERTURBATION DES EAUX
HYDROGRAPHY	WATERBODY	ÉTENDUE D'EAU
HYDROGRAPHY	WATERCOURSE	COURS D'EAU
HYDROGRAPHY	WHARF	QUAI
HYPSOGRAPHY	CONTOUR	COURBE DE NIVEAU
HYPSOGRAPHY	ELEVATION POINT	POINT D'ÉLÉVATION
MANMADE FEATURES	AERIAL CABLEWAY	TÉLÉPHÉRIQUE
MANMADE FEATURES	BRIDGE	PONT
MANMADE FEATURES	BUILDING	BÂTIMENT
MANMADE FEATURES	BUILT-UP AREA	AGGLOMÉRATION
MANMADE FEATURES	CHIMNEY	CHEMINÉE
MANMADE FEATURES	CONDUIT BRIDGE	PONT DE CANALISATION
MANMADE FEATURES	CONVEYOR	CONVOYEUR
MANMADE FEATURES	CRANE	GRUE
MANMADE FEATURES	CROSS	CROIX
MANMADE FEATURES	CUT	DÉBLAI

NTDB THEME	ENGLISH NAME OF ENTITY	FRENCH NAME OF ENTITY
MANMADE FEATURES	EMBANKMENT	REMBLAI
MANMADE FEATURES	FOOTBRIDGE	PASSERELLE
MANMADE FEATURES	LIQUIDS DEPOT/DUMP	DÉPÔT DE LIQUIDE
MANMADE FEATURES	PARABOLIC ANTENNA	ANTENNE PARABOLIQUE
MANMADE FEATURES	POND PARTITION	SÉPARATEUR D'ÉTANGS
MANMADE FEATURES	RUINS	RUINES
MANMADE FEATURES	RUNWAY	PISTE D'ENVOL
MANMADE FEATURES	SILO	SILO
MANMADE FEATURES	SKI JUMP	SAUT DE SKI
MANMADE FEATURES	SNOWSHED	PARANEIGE
MANMADE FEATURES	SPORTS TRACK/RACE TRACK	PISTE DE COURSES
MANMADE FEATURES	STADIUM	STADE
MANMADE FEATURES	TANK	CITERNE
MANMADE FEATURES	TOWER	TOUR
MANMADE FEATURES	TUNNEL	TUNNEL
MANMADE FEATURES	UNDERGROUND RESERVOIR	RÉSERVOIR SOUTERRAIN
MANMADE FEATURES	WALL/FENCE	MUR/CLÔTURE
MANMADE FEATURES	WELL	PUITS
MANMADE FEATURES	WIND-OPERATED DEVICE	ÉOLIENNE
POWER NETWORK	PIPELINE	PIPELINE
POWER NETWORK	TRANSFORMER STATION	POSTE DE TRANSFORMATEUR
POWER NETWORK	TRANSMISSION LINE	LIGNE DE TRANSMISSION
POWER NETWORK	VALVE	VALVE
RAIL NETWORK	RAILWAY	CHEMIN DE FER
RAIL NETWORK	TURNTABLE	PLAQUE TOURNANTE
RELIEF AND LANDFORM	CAVE ENTRANCE	ENTRÉE DE CAVERNE
RELIEF AND LANDFORM	ESKER	ESKER
RELIEF AND LANDFORM	HAZARD TO AIR NAVIGATION	OBSTACLE À LA NAVIGATION AÉRIENNE
RELIEF AND LANDFORM	MORAINÉ	MORAINÉ
RELIEF AND LANDFORM	PINGO	PINGO
RELIEF AND LANDFORM	TUNDRA POLYGON	SOLS POLYGONAUX
ROAD NETWORK	BARRIER/GATE	BARRIÈRE
ROAD NETWORK	FERRY ROUTE	TRAVERSE
ROAD NETWORK	HIGHWAY EXIT	SORTIE D'AUTOROUTE
ROAD NETWORK	ROAD	ROUTE
ROADS	FORD	GUÉ
ROADS	LIMITED-USE ROAD	ROUTE D'ACCÈS LIMITÉ
ROADS	TRAIL	SENTIER
TOPONYMY	TOPONYM	TOPONYME
VEGETATION	CUT LINE	PERCÉE
VEGETATION	PEAT CUTTING	TOURBIÈRE EN EXPLOITATION
VEGETATION	VEGETATION	VÉGÉTATION
WATER SATURATED SOILS	PALSA BOG	FONDRIÈRE DE PALSE
WATER SATURATED SOILS	STRING BOG	FONDRIÈRE À FILAMENTS
WATER SATURATED SOILS	TUNDRA POND	ÉTANGS DE TOUNDRA
WATER SATURATED SOILS	WETLAND	TERRE HUMIDE