

APPENDIX 1
DATA SOURCES

			Principal Entities										
			Polaris Parcel	Assessed Parcel	Municipal Defined Parcel	Proposed Dev. Parcel	Municipal Address	Occupancy Units	Buildings	Streets	Block Faces	Areas	Facility
Class	Data Description	Sources											
Base	1:2000 Base (Plan and Topographic)	local municipality; Ministry of Natural Resources							x	x	x		x
Base	1:10000, 1:20000 Base Mapping	local municipality; Ministry of Natural Resources								x			
Base	Generalized mapping of current freeways and prov highways	MTO								x	x		
Base	NTS topo coverage for most of the province and OBM coverage for selected areas	MMAH							x	x	x		x
Base	N. Ont Geological Terrain Survey maps	MNR								x			
Base	MTO Aerial Photography	MTO								x			
Base	Ontario Geological Survey (OGS) maps	MNR								x			
Parcel	Parcel Mapping	TERANET (Polaris DGN), OPAC, local municipality	x				x			x			
Parcel	Adjacent Lands And Subdivision Plans	local municipality; registry /land titles office; field survey				x				x			
Parcel	Lot Dimensions and Layout	local municipality			x								
Parcel	Neighbouring Lot Fabric / Parcels	zoning bylaws; reference plans; plans of subdivision; local municipality; owner; surveyor; assessment records			x					x		x	
Parcel	Original Parcel Boundary Description (survey)	local municipality; registry/land titles office; surveyor, TERANET	x										
Parcel	Easements	local municipality; upper tier municipality; utilities; registry/land titles office; surveyor			x								
Parcel	Encroachments	local municipality			x								
Parcel	Fences	local municipality			x								
Parcel	Setbacks	local municipality			x								
Parcel	Occupancy Information	OPAC-OASYS files, Statistics Canada					x	x	x				
Parcel	Ownership Information	TERANET, OPAC-OASYS, local municipality					x	x	x				

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Class	Data Description	Sources											
Usage	Adjacent Land Uses	adjacent land owners, local municipality; field survey; assessment records; registry/land titles records			x							x	
Usage	Canada Land Inventory Maps	Ministry of Agriculture, Food & Rural Affairs; Ministry of Natural Resources										x	
Usage	Landscape Analysis	consultant										x	
Usage	Lots / Blocks Use Identification	local municipality			x								
Usage	Municipal Range of Uses	local municipality; upper tier municipality			x							x	
Usage	Oak Ridges Moraine Implementation Strategy	official plan; local municipality; upper tier municipality; Ministry of Natural Resources; Conservation Authority										x	
Usage	Previous Use of Site or Adjacent Lands (industrial or commercial)	local municipality; upper tier municipality; local library; registry/land titles office; land owner; consultant										x	
Usage	Proposed Public Lands	local municipality; upper tier municipality; Conservation Authority; school boards				x						x	
Usage	Proposed Use Of Lots; Dwelling / Unit Use Mix Identification					x						x	
Usage	NE Plan - Niagara Escarpment Commission, Ministry of Natural Resources; Parkway Belt West Plan - Ministry of Municipal Affairs & Housing					x						x	
Usage	Power Of Sale / Foreclosure	local municipality; upper tier municipality; Ministry of Municipal Affairs & Housing			x								
Usage	Affordable Housing	local municipality; consultant						x	x			x	
Usage	Serviced Residential Units	local municipality						x	x				
Usage	Urban or Rural Settlement Areas	local municipal O.P.; upper tier O.P.; field survey										x	
Usage	Resource-Based Tourism Policy Implementation Plan -- Draft	MNR										x	
Usage	Plans depicting the status of Crown Lands (G-Plans)	MNR										x	
Usage	GTA Residential Land Inventory Survey	MMAH										x	
												x	

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Class	Data Description	Sources											
Hydr	Aquifers	official plan; municipality; Conservation Authority; Ministry of Environment; Ministry of Natural Resources; hydrogeology consultant										x	
Hydr	Dynamic Beach Portions	official plan; municipality; Ministry of Natural Resources; Conservation Authority; consultant										x	
Hydr	Floodway	official plan; municipality; Ministry of Natural Resources; Conservation Authority; consultant										x	
Hydr	Ground Water Quality And Quantity	municipality; Conservation Authority; Ministry of Environment; Ministry of Natural Resources; hydrogeology consultant										x	
Hydr	Headwaters	official plan; municipality; Conservation Authority; Ministry of Natural Resources; consultant										x	
Hydr	Natural Features And Connections	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant; local knowledge										x	
Hydr	One Hundred Year Flood Level Along Connecting Channels	official plan; municipality; Ministry of Natural Resources; Conservation Authority; consultant										x	
Hydr	Sensitive Ground Water Discharge Areas	official plan; municipality; Conservation Authority; Ministry of Environment; Ministry of Natural Resources; hydrogeology consultant										x	
Hydr	Sensitive Ground Water Recharge Areas	official plan; municipality; Conservation Authority; Ministry of Environment; Ministry of Natural Resources; hydrogeology consultant										x	
Hydr	Surface Water Quality And Quantity	municipality; Conservation Authority; Ministry of Environment; Ministry of Natural Resources; consultant										x	
Hydr	Inter-municipal Riverine Hazards	local municipality; upper tier municipality; Conservation Authority; Ministry of Natural Resources										x	
Hydr	Inter-municipal Shoreline Hazards	local municipality; upper tier municipality; Conservation Authority; Ministry of Natural Resources										x	

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Class	Data Description	Sources											
Hydr	Inter-municipal Watershed Issues	local municipality; upper tier municipality; Conservation Authority; Ministry of Natural Resources; Ministry of Environment; consultant											x
Hydr	Watershed Management Planning Guidelines	MOE											x
Hydr	Location of Great Lakes/St Lawrence River shoreline; large inland lake shoreline; river and stream systems	MNR, MMAH											x
Hydr	Ground water quality and quantity; location of ground water recharge areas; areas of high water table; areas of fractured bedrock; areas of thin over-burden	MOE											x
Hydr	Surface water quality and quantity; location of lakes, rivers and streams; location of discharge areas such as springs and wetlands	MOE											x
Hydr	Defined portions of the dynamic beach	MNR											x
Hydr	Defined portions of 100 year flood level along connecting channels	MNR											x
Hydr	Flood history (data, statistics, studies)	MNR											x
Hydr	Water Efficiency Database	MNR											x
Devlpmnt	Municipal Development Densities	local municipality; upper tier municipality; official plan; engineers											x
Devlpmnt	Noise Exposure Forecast/ Noise Exposure Projection (Airports)	local municipality; upper tier municipality; Federal Ministry of Transport; airport authority; consultant											x
Devlpmnt	OP Conformity/ Adjacent Plans	local municipality; upper tier municipality; registry/land titles office				x							x
Devlpmnt	Preliminary Noise Study (also in Post Draft Plan Approval Stage)	consultant											x

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Class	Data Description	Sources											
Devlpmnt	Sunlight and Shadow Impacts	municipality, consultant										x	
Devlpmnt	Usage Density	local municipality										x	
Devlpmnt	Zoning Controls	local municipality; consultant										x	
Devlpmnt	Previous Decisions Dealing With Subject Property	owner; local municipality			x								
Devlpmnt	Development Charges / Development Charges Bylaw	local municipality; upper tier municipality										x	
Devlpmnt	Final Plan of Subdivision	approval agency			x	x							
Devlpmnt	Landscape Plan	local municipality; consultant										x	
Devlpmnt	Local Improvement Charges	local municipality										x	
Devlpmnt	Minister's Zoning Order Clearances	local municipality; Ministry of Municipal Affairs & Housing										x	
Devlpmnt	Noise Attenuation Feature	local municipality; upper tier municipality; Ministry of Transportation; Ministry of Environment; Canadian National Railway; Canadian Pacific; consultant											x
Devlpmnt	Noise Study	consultant										x	
Devlpmnt	Pre- submission MOE Application (water & sewer services)	local municipality; upper tier municipality; consultant											x
Devlpmnt	Subdivision Agreement	local municipality				x						x	
Devlpmnt	Zoning Bylaw	local municipality										x	
Devlpmnt	Minor Variance	local municipality			x	x							
Devlpmnt	Noise Impact Plan	local municipality; consultant										x	
Devlpmnt	Plan Document for Transfers (accompanies M-Plan)	lawyers			x	x						x	
Devlpmnt	Registration Requirements (M-Plan; R-Plan)	registry/land titles office; surveyor			x	x						x	
Devlpmnt	Site Plan Approval	local municipality			x	x							
Devlpmnt	Urban Design Guidelines	local municipality										x	
Devlpmnt	Downtown and Main Street Well Being	local municipality										x	

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Class	Data Description	Sources											
Devlpmnt	Growth Projections	local municipality; upper tier municipality; Ministry of Finance										x	
Devlpmnt	Inter-municipal Employment Projections	local municipality; upper tier municipality; Statistics Canada; consultant										x	
Devlpmnt	Inter-municipal Infrastructure	local municipality; upper tier municipality; Ministry of Environment; Ministry of Transportation; utilities									x	x	
Devlpmnt	Physical Constraints Areas	local municipality; upper tier municipality; Ministry of Environment; Health Unit; consultant									x		
Devlpmnt	Redevelopment, Intensification and Revitalization Opportunities	local municipality										x	
Devlpmnt	Residential Development and Intensification Land	local municipality										x	
Devlpmnt	Residential Intensification Areas	local municipality										x	
Devlpmnt	Rural Areas	local municipal O.P.; upper tier O.P.; field survey										x	
Devlpmnt	Land Use Policy Near Airports	MMAH										x	
Devlpmnt	Guidelines on Noise and New Residential Development Adjacent to Freeways	MOE										x	
Devlpmnt	Model Municipal Noise Control By-law"	MOE										x	
Devlpmnt	Guideline LU-131 Noise Assessment Criteria in Land Use Planning	MOE										x	
Devlpmnt	Areas of Planning Interest mapping	MNDM										x	
Devlpmnt	Capital Construction Management System	MTO											x
Devlpmnt	Data for Ontario (Census Place of Work)	MTO										x	
Devlpmnt	Inter-municipal Housing Projections	local municipality; upper tier municipality;										x	
Transport	Access Type / Description	local municipality; upper tier municipality;											x

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Class	Data Description	Sources											
Transport	Drainage / Highway Contours And Elevations	local municipality; upper tier municipality; Ministry of Transportation air photos; surveyors' records; consultant								x		x	
Transport	Parking Space	local municipality											x
Transport	Preliminary Engineering Design	local municipality; upper tier municipality; consultant				x						x	x
Transport	Preliminary Traffic Study (also in Post Draft Plan Approval Stage)	local municipality; upper tier municipality; consultant										x	
Transport	Proposed Roads and Existing	local municipality; upper tier municipality; official plan; Ministry of Transportation								x	x		
Transport	Road System Grades And Elevations	local municipality; upper tier municipality; Ministry of Transportation								x			
Transport	Transportation and Infrastructure Corridor (including Railways)	local municipality; upper tier municipality; utilities; Ministry of Transportation; Ministry of Environment; Ministry of Energy, Science & Technology; Canadian National; Canadian Pacific; GO Transit								x		x	x
Transport	Engineering Design Submission	local municipality; upper tier municipality; Conservation Authority; consultant				x							
Transport	Road Closings Or Widening Approvals	local municipality; upper tier municipality								x			
Transport	Street / Lane Closing (temporary for servicing)	local municipality								x			
Transport	Street Names	local municipality					x						
Transport	Traffic Study	consultant								x		x	
Transport	Driveway Parking / Widening	local municipality								x			
Transport	Municipal Numbering	local municipality					x						
Transport	Traffic Impact	local municipality; upper tier municipality; consultant								x		x	
Transport	Transit Stop Locations	municipality								x			x
Transport	Transportation Demand Management Plan	local municipality; upper tier municipality; consultant								x		x	x
Transport	Multi-modal Transportation System	local municipality; upper tier municipality; Ministry of Transportation								x		x	x

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Class	Data Description	Sources											
Transport	Location of freeway/provincial highway rights of way	MOE								x			
Transport	Location of principal and secondary main railway lines	MOE											x
Transport	Location of principal branch railway lines	MOE											x
Transport	Locations and Categories of railway lines within GTA	MMAH											x
Transport	Amount of traffic likely to be generated by proposal	MOE				x				x		x	
Transport	Location of all provincial highways, location of intersections public roads and all provincial highways	MTO								x			
Transport	Provincial Highway Access Controls map	MTO								x			
Transport	Provincial Highways Southern Ontario (draft map)	MTO								x			
Transport	MTO Transfers - Northern Ontario 1998	MTO								x			x
Transport	Location of all provincial highways, class of all provincial highways, location of intersections of public roads and all provincial highways	MTO								x			
Transport	Municipal Bridge Appraisal Data Entry System	MTO											x
Transport	Municipal Road Inventory Management System	MTO								x			
Transport	Provincial Highways Inventory Management System -Road, structure, reports	MTO								x			
Transport	Annual Road Construction Programs - Computer Listing (PIMS)	MTO								x			
Water	Domestic Water Supplies	local municipality; upper tier municipality; Ministry of Environment; consultant											x
Water	Preliminary Storm Water Design	local municipality; upper tier municipality; Conservation Authority; consultant											x

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Class	Data Description	Sources											
Water	Water Efficiency And Conservation Plan	local municipality										x	x
Water	Well Water Information System	MNR										x	x
Sewer	Sewage Disposal Type	local municipality; upper tier municipality; Health Unit; Ministry of Environment; consultant											x
Sewer	Storm Drainage Type	local municipality; upper tier municipality; Conservation Authority; consultant											x
Sewer	Storm Water Management / Erosion Control Study	local municipality; Conservation Authority; Ministry of Natural Resources; Ministry of Environment; consultant											x
Sewer	Drain and Water Installations	local municipality											x
Sewer	Septic Requirements	municipality; Health Unit; MOE										x	
Sewer	Reserve Water And Sewage Capacity	local municipality; upper tier municipality; Ministry of Environment; consultant										x	x
Sewer	Boundary of sewage treatment plants and waste stabilization pond	MOE										x	x
Sewer	Guideline D-2 Compatibility Between Sewage Treatment Facilities and Sensitive Land Uses	MOE										x	
Sewer	Guideline Calculating and Reporting Uncommitted Reserve Capacity at Sewage and Water Treatment Plants	MOE										x	
Sewer	Individual Sewage Systems and Municipal Planning	MOE											x
Sewer	Individual Water Systems and Municipal Planning	MOE											x
Sewer	Artificial Drainage System Maps	OMAFRA										x	
Sewer	Waste Diversion Information System	MOE										x	
Electric	Hydro Servicing	municipality; Ontario Hydro					x	x				x	x

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Class	Data Description	Sources											
Services	Available Infrastructure and Public Services	local municipality; upper tier municipality; local engineering firms										x	x
Services	Restrictions	local municipality; upper tier municipality; registry/land titles office; utility (Bell, gas, hydro, cable); surveyor; lawyer										x	x
Services	School Site Adequacy	separate and public school boards										x	x
Services	Service Adequacy	local municipality; upper tier municipality; Ministry of Environment; utilities; consultant										x	
Services	Municipal Numbering	local municipality					x						
Services	School Site Detail	local municipality; school boards; consultant		x				x					x
Services	Utilities Plan	local municipality; upper tier municipality; utilities; consultant										x	x
Services	Access for the Disabled and Elderly	local municipality; consultant						x					x
Services	Gas Hook-up	gas company					x	x				x	x
Services	Material Recovery And Waste Reduction Plan	local municipality										x	
Services	Safety Plan	local municipality										x	
Services	Communal Services Site Conditions	local municipality; upper tier municipality; Ministry of Environment; consultant											x
Services	Failed Services Areas	local municipality; upper tier municipality; Ministry of Environment; Health Unit; consultant										x	
Services	Individual Services Site Conditions	local municipality; upper tier municipality; Health Unit											x
Services	Inter-municipal Public Service Facilities	local municipality; upper tier municipality; school boards											x
Services	Solid Waste Management Systems	local municipality; upper tier municipality; Ministry of Environment										x	x

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Class	Data Description	Sources											
Services	Location of hydro transformer stations, natural gas compressor stations, water pumping stations, railway yards, race tracks, MTO patrol yards, shooting ranges, military facilities, major truck stops, sea plane bases, etc.	MOE					x						x
Services	Waste Disposal Site Inventory	MOE											x
Services	Golf facilities in Canada; Golf Participation in Canada	OMAFRA									x		x
Permits	Construction Within The Street Allowance Permit	local municipality; upper tier municipality					x		x				x
Permits	Demolition Permit	local municipality					x		x				
Permits	Driveway / Access / Curb Cut Permit	local municipality					x			x			
Permits	Fill Permits (CA Act)	Conservation Authority					x						
Permits	Lakes And Rivers Bed Permits And Dredging Permits, Shoreline Permit	Ministry of Natural Resources										x	
Permits	Navigable Waterways Permit	Department of Fisheries & Oceans										x	
Permits	Water-taking Permits, Industrial Discharges	Ministry of Environment					x						x
Permits	Building Permits	local municipality			x		x		x				
Permits	Documents Addressing Inhibiting Orders	lawyers			x		x						
Permits	Heating and Plumbing Permits	local municipality					x		x				
Permits	Occupancy Permits	local municipality					x		x				
Permits	Sign Permit	local municipality					x						
Permits	Temporary Occupation Permit (in the street allowance)	local municipality					x			x			
Archeology	Archaeological Resources	local municipality; museums; Ministry of Citizenship & Culture; consultant										x	

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Agriculture	Areas of Agricultural Interested as Identified by OMAFRA, Jan 97	OMAFRA											x
Agriculture	List of Townships (in districts) of Agricultural Interest	OMAFRA											x
Agriculture	Specialty Crop Lands and Canada Land Inventory mapping for all Ontario municipalities having CLI Class 1, 2 and 3 soils	OMAFRA											x
Mineral	Land affected by former mineral resource operations; location of known orphaned gas or oil wells; location and subsurface extent of known salt solution caverns	MNR											x
Mineral	Lands affected by mine hazards or former mineral resource operations; location of abandoned or inactive mines	MNDM											x
Mineral	Rehabilitated mine sites	MNDM											x
Mineral	Abandoned Mines Information System (AMIS)	MNDM											x
Agriculture	Agricultural Census; Canada Land Inventory - Agricultural Capability Rating Maps	OMAFRA											x
Mineral	Former Mineral Resource Operations	official plan; Ministry of Northern Development and Mines; consultant											x
Mineral	Mine Hazards	official plan; Ministry of Northern Development and Mines; consultant											x
Mineral	Aggregate Deposits	Ministry of Natural Resources											x
Mineral	Aggregate Operations	Ministry of Natural Resources											x
Mineral	Mineral Deposits	Ministry of Northern Development & Mines											x
Mineral	Mineral Potential	Ministry of Northern Development & Mines											x
Mineral	Petroleum Resources	Ministry of Natural Resources											x

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Class	Data Description	Sources											
Hazard	Guideline for Use at Contaminated Sites in Ontario	MOE											x
Hazard	Hazardous Waste Management System	MOE											x
Hazard	Boundary of active or closed landfill site or dump	MOE											x
													x
Environm	Canadian Shield Wetlands	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant											x
Environm	Environmental Impact Study	consultant											x
Environm	Significant Valley Lands	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant											x
Environm	Significant Wetlands	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant											x
Environm	Significant Wildlife Habitat	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant											x
Environm	Significant Woodlands	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant											x
Environm	Vulnerable, Threatened, Endangered (VTE) Species Habitat	official plan; Ministry of Natural Resources; Conservation Authorities; non-government organizations; consultant											x
Environm	Geotechnical Study	Ministry of Environment; Ministry of Natural Resources; consultant											x
Environm	Tree, Vegetation, and Environmentally Significant Feature Preservation Plans	local municipality; consultant											x
Environm	Air Quality Plan	local municipality; consultant											x
Environm	Energy Efficiency and Conservation Plan	local municipality; consultant											x
Environm	Inter-municipal Ecosystem Issues	local municipality; upper tier municipality; Conservation Authority; Ministry of Natural Resources; Ministry of Environment; consultant											x
Environm	Regional Environmental Profiles	MOE											x

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Class	Data Description	Sources											
Environm	Location of 25 and 30 NEF/NEP contours; Location of airports without NEF/NEP noise contours	MOE, MMAH										x	
Environm	Generalized outside boundary of areas indicated as potential habitat of endangered or threatened species	MNR										x	
Environm	Location of water bodies with indication that fish habitat are present plus a 30 metre buffer zone; information on highly sensitive habitat	MNR										x	
Environm	Significant areas of natural and scientific interest	MNR										x	
Environm	Ecological data repository; Ecological land classification system	MNR										x	
Environm	Wetland Evaluation Information Management System (WEIMS)	MNR										x	
Environm	Ontario Wildlife Information System	MNR										x	

INFORMATION CLASS RANKS

Rank	Subject Area	Information Class	Core/Base
1	Access	Road, Road Control	Core
2	Land Ownership	Land Ownership	Core
3	Park or Reserve	National, Provincial Park/Preserve/Reserve/Sanctuary	Core
4	Soil	Soil	Core
5	Municipality	Lower & Upper Tier, Municipal Ward	Base
6	Environment Characteristic	Aquatic Resource Area	Core
7	Functional Habitat Area	Breeding, Calving, Den, Feeding, Nesting, Nursery, Resting, Spawning, Staging, Travel, Wintering Area	
8	Wetland	Evaluated Wetland	Core
9	Observation & Measure	Species Occurrence	Core
10	Extraction Site	Pit or Quarry	Core
11	Vegetation	Forest Stand	Core
12	Extraction Site	Petroleum Well	Core
13	Cultural Heritage Site	Archaeology (Actual Potential), Cultural Landscape, Structural Remains, Traditional Use	Core
14	Hazard Land	Flood Plain, Fill, Erosion Area	Core
15	Non-Renewable Resource Area	Mineral Deposit	Core
16	Watershed	Primary, Secondary, Tertiary, Quaternary Watershed	Core
17	Land Use Classification	Municipal Zoning	Core
18	Watershed	Headwater	Core
19	ANSI	ANSI	Core
20	Cadastre	Geographic Township, Concession, Lot	Core
21	Land Ownership	Crown Leased, Resource Reservation, Unauthorized Occupation, Water Lot	Core
22	Extraction Site	Mine Site, Mine Tailing	Core
23	Bathymetry, Contour, DEM	Bathymetry, Contour, Digital Elevation Model	Base
24	Ecological Classification	Ecozone, Ecoregion, Ecodistrict, Ecosection	Core
25	Significant Ecological Area	Old Growth, No Cut, Significant Valley, Woodland	Core
26	Vegetation	Woodland	Core
27	Administrative Area	Conservation Authority Area	Core
28	Land Use Classification	Crown Land Use Classification, Subclassification, Potential Tourism	Core
29	Water	Water Supply	Core
30	Land Use Classification	Designated Land Use, Crown Agricultural Land	Core
31	Land Use Classification	Classified Land Cover	Core
32	Environmentally Sensitive Area	ESA	Core
33	Species Distribution	Fish, Wildlife Distribution	Core
34	Species Definition	Species Rank, Abstract, Range	Core

INFORMATION CLASS RANKS

Rank	Subject Area	Information Class	Core/Base
35	Group or Individual	Group, Individual	Core
36	Man Made Structure	Dam	Core
37	Source	Stratified Sample, Survey	Core
38	Climate	Climate (Frost Free Days, Precipitation Days or Depth)	Core
39	Environment Characteristic	Groundwater	Core
40	Administrative Area	Treaty Area	Core
41	Harvest Regulation	Fishing, Hunting Regulation	Core
42	Man Made Structure	Airport, Bridge, Camp (Recreation, Work), Cottage, Residential, Culvert, Dock, Fishway, Cabin, Harbour, Parking Site, Tank, Tower, Waste Disposal	Core
43	Man's Depletion Activity	Fish, Wildlife, Forest Harvest Activity	Core
44	Non-Renewable Resource Area	Aggregate Deposit	Core
45	Geology	Bedrock, Surficial, Quaternary, Formation	Core
46	Source	Anecdotal, Information Return	Core
47	Man's Renewal Activity	Fish, Wildlife, Forest Renewal Activity	Core
48	Extraction Site	Peat Production Area	Core
49	Ecological Classification	Ecosite	Core
50	Utility	Utility Line or Site	Core
51	Regulatory Zone	Fish (Baitfish, Commercial), Wildlife (Bear, Trapping), Forest, Mining Claim, Fire, Commercial Zone	Core
52	Production Area	Seed, Tree Breeding, Wild Rice Area	Core
53	Observation & Measure	Drill Hole, Rock Sample Station	Core
54	Allocation	Forest Allocation, Wood Use Area	Core
55	Environment Characteristic	Habitat Index	Core
56	Vegetation	Vegetation Type	Core
57	Soil	Soil Type	Core
58	Non-Renewable Resource Area	Petroleum Deposit, Potential	Core
59	Park or Reserve	Global (Biosphere), Municipal, CA, NGO Park/Preserve/Reserve/Sanctuary	Core
60	Contract or Agreement	Agreement Forest, Fishery Agreement	Core
61	Facility or Equipment	Aquaculture, Chipper, Hatchery, Load Aligner, Mill, MNR Office, Scaling, Storage Site	Core
62	Man Made Structure	Culvert	Core
63	Harvest	Fish (Commercial, Sport) & Wildlife Harvest/Effort Distribution	Core
64	Research Area	Research Plot, Tree Improvement	Core
65	Land Use Classification	Cottage Residential Area	Core

INFORMATION CLASS RANKS

Rank	Subject Area	Information Class	Core/Base
66	Resource Management Area	Fire, OTIB, Seed, Wildlife, EcoAdmin Zone	Core
67	Land Use Classification	Tourism Establishment Area	Core
68	Natural Renewal Activity	Growth	Core
69	Species Population	Species Population Characteristic	Core
70	Cultural Heritage Site	Traditional Land Use Site	Core
71	Resource Plan	Plan, Plan Area	Core
72	Access	Trail	Core
73	Natural Depletion Activity	Abiotic, Fire, Insect, Disease Area	Core
74	Access	Recreation or Access Point	Core
75	Facility or Equipment	Petroleum Storage Area	Core
76	Administrative Area	MNR Boundaries (Fire, Fish, District)	Core
77	Species Community Characteristic	Species Community Characteristic	Core
78	Contaminant or Disease	Contaminant or Disease	Core
79	Access	Ferry Route, Major Road, Minor Road, Railway, Trail at 250K	Base
80	Access	Railway, Transport	Base
81	Administrative Area	Federal Riding	Base
82	Administrative Area	Province	Base
83	Administrative Area	Provincial Riding	Base
84	Annotation	Annotation	Base
85	Bathymetry, Contour, DEM	Contour, Elevation Point at 250K	Base
86	Control Point	Geodetic Control, GPS Station	Base
87	Extraction Site	Mine, Pit, Quarry at 250K	Base
88	Geology	Esker, Moraine, Permanent Snow and Ice, Pingo at 250K	Base
89	Grid	10KM, 5 Minute, OBM, Petroleum Grid, Wildlife	Base
90	Man Made Structure	Aerial Cableway, Breakline, Breakwall or Breakwater, Bridge, Building, Builtup Area, Campground, Causeway, Chimney, Conduit, Conveyor, Cut, Cut Line, Dam, Dyke or Levee, Embankment, Heliport, Historic Site, Irrigation Canal or Ditch at 250K	Base
91	Man Made Structure	Building, Parking Site	Base
92	Man Made Structure	Navigable Canal, Navigation Beacon or Light, Oil or Gas Facility, Orchard, Picnic Site, Vineyard at 250K	Base
93	Map	Map Series, Planning Area	Base
94	Soil	Sand at 250K	Base
95	Utility	Pipeline, Transmission Line at 250K	Base
96	Vegetation	Generic Vegetation, Wooded Area at 250K	Base

INFORMATION CLASS RANKS

Rank	Subject Area	Information Class	Core/Base	
97	Water	Disappearing Stream, Dry River Bed, Falls, Flooded Area, Foreshore Flats, Rapids, Waterbody, Watercourse at 250K		Base
98	Water	Drainage		Base
99	Water	Waterbody, Edge, Virtual Flow, Wetland		Base
100	Wetland	Palsa Bog at 250K		Base
101		0	0	0
102		0	0	0
103		0	0	0

Data Sources

This section details the sources for the data that could be used to populate a database based on the Model. The short forms for the various data sources are as follows:

POLARIS – Teranet supplied

OASYS – OPAC supplied

MNR – Provincial, Natural Resources

MMAH – Provincial, Municipal Affairs and Housing

MOE- Provincial, Ministry of the Environment

MOT- Provincial, Ministry of Transportation

Mun – Lower tier Municipality

Region – Upper tier Municipality

Cons – Conservation Authority

Utility – Utility companies

Post – Canada Post

StatsCan – Federal, Statistics Canada

COM – Commercial sources (such as DMTI)

Address

Description

Consists of instances of all valid municipal addresses.

Attribute List

Name	Existing Data Sources	Recommended Source
Address ID		
Civic NO		
Civic Name	Mun, Region, COM, OASYS, POLARIS,	Mun
Civic Name Alias	Mun, Region, COM, OASYS, POLARIS,	Mun
Road Type	Mun, Region, COM, OASYS, POLARIS,	Mun
Direction	Mun, Region, COM, OASYS, POLARIS, MOT	Mun, Region, MOT
Community	Mun, Region,	Mun, Region, MOT
Postal Code	Mun, Region, COM, POST	POST
Postal Walk Code	Mun, Region, COM, POST	POST
Municipality	Mun, Region, COM, OASYS, POLARIS,	Mun
Create Date	Mun, Region,	Mun
Update Date	Mun, Region,	Mun
Update By	Mun, Region,	Mun
ROW Code	Mun, Region,	Mun
Effective Date	Mun, Region,	Mun
Proposed Date	Mun, Region,	Mun
Expire Date	Mun, Region,	Mun
Address Status	Mun, Region,	Mun
Feature Id	Mun, Region,	Mun

Applications

Description

Instances of formal Development Applications that are in the approval process. These applications are results of a selection process from the Proposals.

Attribute List

Name	Existing Data Sources	Recommended Source
Application ID	Mun, Region	Mun, Region
Application Title	Mun, Region	Mun, Region
Applicant	Mun, Region	Mun, Region
Approved Date	Mun, Region	Mun, Region
Status	Mun, Region	Mun, Region
RegPlanNumber	Mun, Region	Mun, Region
SubdivisionCondoNo	Mun, Region	Mun, Region
SurveyorInfo	Mun, Region	Mun, Region
AreaUnits	Mun, Region	Mun, Region
AgreementNo	Mun, Region	Mun, Region
Sewage	Mun, Region	Mun, Region
Water	Mun, Region	Mun, Region
DateRegister	Mun, Region	Mun, Region
DateDraftApprove	Mun, Region	Mun, Region
DevelopmentCharge	Mun, Region	Mun, Region
Feature Id	Mun, Region	Mun, Region

Assessment Taxation Unit

Description

The Assessment Entity contains the most current information only about the current assessed owner of the property. Assessment parcels are as defined in the OPAC definition of the parcels.

Attribute List

Name	Existing Data Sources	Recommended Source
ROLL	OASYS	OASYS
Location	OASYS	OASYS
Saleyear	OASYS	OASYS, POLARIS
Salemonth	OASYS	OASYS, POLARIS
Saleinst	OASYS	OASYS, POLARIS
Saleamount	OASYS	OASYS, POLARIS
Nameid	OASYS	OASYS, POLARIS
Owner_name	OASYS	OASYS, POLARIS
Property_code	OASYS	OASYS
Sequence	OASYS	OASYS
Street_number	OASYS	OASYS, Mun
Street_number_hi	OASYS	OASYS, Mun
Street_name	OASYS	OASYS, Mun
Street_suffix	OASYS	OASYS, Mun
Legal Description	OASYS	OASYS, POLARIS
Feature Id		

Block Faces

Description

Define the physical block faces. Used for attachment of attributes from sources that organize information by block faces.

Attribute List

Name	Existing Data Sources	Recommended Source	
Blockface ID	Mun, StatsCan	Mun, StatsCan	
Side	Mun, StatsCan	Mun	
X1Street ID	Mun, StatsCan	Mun	
X2Street ID	Mun, StatsCan	Mun	
Range	Mun, StatsCan	Mun	
Low Address	Mun, StatsCan	Mun	
High Address	Mun, StatsCan	Mun	
City ID	Mun, StatsCan	Mun	
Percent Sidewalk	Mun, StatsCan	Mun	
Street Parking Spaces	Mun, StatsCan	Mun	
Edge Type	Mun, StatsCan	Mun	
Street	Mun, StatsCan	Mun	
X1Street	Mun, StatsCan	Mun	
X2Street	Mun, StatsCan	Mun	
City	Mun, StatsCan	Mun	
Create Date	Mun, StatsCan	Mun	
Update Date	Mun, StatsCan	Mun	
Update By	Mun, StatsCan	Mun	
Feature Id	Mun, StatsCan	Mun	

Buildings and Structures

Description

The master inventory of all buildings and structures that exist or have existed in the past.

Attribute List

Name	Existing Data Sources	Recommended Source
Building ID	Mun, OASYS	Mun
Building Type	Mun, OASYS	Mun
Construction Date	Mun, OASYS	Mun
Demolition Date	Mun, OASYS	Mun
Style	Mun, OASYS	Mun
Architect	Mun, OASYS	Mun
Builder	Mun, OASYS	Mun
Stories	Mun, OASYS	Mun
Parking_Garage_Space	Mun, OASYS	Mun
Construction Character	Mun, OASYS	Mun
Quality	Mun, OASYS	Mun
Shape	Mun, OASYS	Mun
Height	Mun, OASYS	Mun
Gross Floor Area	Mun, OASYS	Mun
Central Air Conditioning	Mun, OASYS	Mun
Heating System Type	Mun, OASYS	Mun
Split Floor Type	Mun, OASYS	Mun
Garage Type	Mun, OASYS	Mun
Year Built	Mun, OASYS	Mun
Create Date	Mun, OASYS	Mun
Update Date	Mun, OASYS	Mun
Update By	Mun, OASYS	Mun
Storey Type	Mun, OASYS	Mun
Finished Area	Mun, OASYS	Mun
Unfinished Area	Mun, OASYS	Mun
Garage Space	Mun, OASYS	Mun
Basement Area	Mun, OASYS	Mun
Finished Basement Area	Mun, OASYS	Mun
Predecessor		
Successor		
Feature Id		

Easements

Description

Inventory list of all easements and allowances.

Attribute List

Name	Existing Data Sources	Recommended Source	
Easement Name	Mun, POLARIS, Utility, Region	Mun, Region, Utility	
Easement ID	Mun, POLARIS, Utility	Mun	
Easement Description	Mun, POLARIS, Utility	POLARIS	
Storm	Mun, POLARIS, Utility	Mun, Region	
Sanitary	Mun, POLARIS, Utility	Mun, Region	
Water	Mun, POLARIS, Utility	Mun, Region	
Gas	Mun, POLARIS, Utility	Utility, Mun	
Walkway	Mun, POLARIS, Utility	Mun	
Bikeway	Mun, POLARIS, Utility	Mun	
Electrical	Mun, POLARIS, Utility	Utility	
Telephone	Mun, POLARIS, Utility	Utility	
Cable	Mun, POLARIS, Utility	Utility	
Create Date	Mun, POLARIS, Utility	Mun	
Update By			
Update Date			
Feature Id			

MDP Landuse

Attribute List

Name	Existing Data Sources	Recommended Source
Land Use Designation	MNR,OASYS,MOE,Mun, Region	Region, Mun
Designate Date	MNR,OASYS,MOE,Mun, Region	Region, Mun
Designate Reference	MNR,OASYS,MOE,Mun, Region	Region, Mun

Municipal Defined Parcels

Description

The master list of all the formally defined parcels by the municipality that exist or have existed in the Municipality. These parcels are created and retired based on the municipalities own business processes.

Attribute List

Name	Existing Data Sources	Recommended Source
MD_PARCEL_ID	Mun	Mun, Region
Status	Mun	Mun, Region
Legal Description	POLARIS, OASYS	POLARIS
Parcel Size	POLARIS, OASYS, Mun	Mun, Region
Frontage	POLARIS, OASYS, Mun	Mun, Region
Depth	POLARIS, OASYS, Mun	Mun, Region
Create Date	Mun	Mun, Region
Create Reference	Mun	Mun, Region
Update Date	Mun	Mun, Region
Update By	Mun	Mun, Region
State		Mun, Region
Predecessor		
Successor		
Feature Id		

Occupancy Units

Description

List of the units of occupation in buildings.

Attribute List

Name	Existing Data Sources	Recommended Source
Occupancy Unit ID	OASYS, Mun	OASYS
Occupancy Type	OASYS, Mun	Mun
Occupancy Status	OASYS, Mun	Mun
Status Date	OASYS, Mun	OASYS
Max Occupancy	OASYS, Mun	OASYS
Number of Bedrooms	OASYS, Mun	OASYS
Number of Full Bath	OASYS, Mun	OASYS
Number of Half Bath	OASYS, Mun	OASYS
Number of Fireplace	OASYS, Mun	OASYS
Unit Gross Floor Area	OASYS, Mun	OASYS
Create Date	OASYS, Mun	Mun
Update Date	OASYS, Mun	Mun
Update By	OASYS, Mun	Mun
Residency Code	OASYS, Mun	OASYS
Liabile for Realty Tax	OASYS, Mun	OASYS
Unit Description	OASYS, Mun	OASYS
Unit	OASYS, Mun	OASYS
Unit Type	OASYS, Mun	OASYS
Building NO	OASYS, Mun	Mun
Upper House NO	OASYS, Mun	Mun
French Notice	OASYS, Mun	OASYS
Feature Id	OASYS, Mun	OASYS
Commercial Info	OASYS, Mun	OASYS

Occupant

Attribute List

Name	Existing Data Sources	Recommended Source	
Name	Mun, OASYS, Voting List	OASYS, Voting List	
Religion	Mun, OASYS, Voting List	OASYS, Voting List	
Citizenship	Mun, OASYS, Voting List	OASYS, Voting List	
Year of Birth	Mun, OASYS, Voting List	OASYS, Voting List	
Month of Birth	Mun, OASYS, Voting List	OASYS, Voting List	

Proposals

Description

The list of proposals under consideration. These proposals have not been formally accepted into the Approval process. Once a proposal is selected, it becomes an Application. This entity represents the beginning of a development process.

Attribute List

Name	Existing Data Sources	Recommended Source
Proposal ID	Planning Process	Planning Process
Proposal Title	Planning Process	Planning Process
Proposed Date	Planning Process	Planning Process
Proposed By	Planning Process	Planning Process
Description	Planning Process	Planning Process
Status	Planning Process	Planning Process
Evaluation Comments	Planning Process	Planning Process
Feature Id		

Proposed Building

Description

List of proposed new buildings or modifications to old buildings.

Attribute List

Name	Existing Data Sources	Recommended Source
Proposed Building ID	Planning Process	Planning Process (Permitting)
Description	Planning Process	Planning Process
Status	Planning Process	Planning Process
Feature Id		

Proposed Parcels

Description

The list of parcels that would be created by acceptance of an application. There may be modifications to these Proposed Parcels. Once they are approved, they become Municipal Defined Parcels.

Attribute List

Name	Existing Data Sources	Recommended Source
PD Parcel ID	Planning Process	Planning Process
Create Date	Planning Process	Planning Process
Update Date	Planning Process	Planning Process
Update By	Planning Process	Planning Process
Parcel Size	Planning Process	Planning Process
Frontage	Planning Process	Planning Process
Depth	Planning Process	Planning Process
State	Planning Process	Planning Process
Version	Planning Process	Planning Process
Predecessor	Planning Process	Planning Process
Successor	Planning Process	Planning Process
Feature Id	Planning Process	Planning Process

Street Names

Description

An authority list of the official street names in the Municipality

Attribute List

Name	Existing Data Sources	Recommended Source	
Street Name ID			
Prefix	POLARIS, OASYS, Mun, Region, COM	Mun	
Suffix	POLARIS, OASYS, Mun, Region, COM	Mun	
Street Name	POLARIS, OASYS, Mun, Region, COM	Mun	
Street Direction	POLARIS, OASYS, Mun, Region, COM	Mun	

Streets

Description

An inventory of the segments of street right of ways. The definition, creation and retiring of segments is determined by Municipal Business processes.

Attribute List

Name	Existing Data Sources	Recommended Source
Street Segment ID		
Length	POLARIS, OASYS, Mun, Region, COM	Mun, Region
Width	POLARIS, OASYS, Mun, Region, COM	Mun, Region
Road Class	POLARIS, OASYS, Mun, Region, COM	Mun, Region
Jurisdiction	POLARIS, OASYS, Mun, Region, COM	Mun, Region
Lanes	Mun, Region, COM	Mun, Region
Speed Limit	Mun, Region, COM	Mun, Region
One Way	Mun, Region, COM	Mun, Region
Segment Status	Mun, Region	Mun, Region
Fire Route	Mun, Region	Mun
Intersections	Mun, Region, COM	Mun, Region
Maintenance Notes	Mun, Region	Mun, Region
Create Date	Mun, Region, COM	Mun, Region
Update Date	Mun, Region, COM	Mun, Region
Update By	Mun, Region, COM	Mun, Region
Predecessor		
Successor		
Feature Id		