



• MINERAL • AGGREGATES • IN ONTARIO

Statistical Update

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Prepared by:



**THE ONTARIO AGGREGATE
RESOURCES CORPORATION**

AGGREGATE RESOURCES STATISTICS IN ONTARIO

PRODUCTION STATISTICS

2012

Prepared by

The Ontario Aggregate Resources Corporation

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AGGREGATE RESOURCES STATISTICS IN ONTARIO

Overview

Aggregate resources are used in the everyday lives of all Ontario residents, and make up an integral part of our roads, sidewalks, sewers, subway tunnels and airports, as well as our homes, offices, hospitals, schools and shopping centres. On average, Ontarians use about 14 tonnes of aggregate per person per year.

The aggregate industry plays a foundational role within the Ontario economy. The economic activity generated by the industry begins with the aggregate production itself but also feeds industries which receive and use the raw materials: including cement and concrete products, other aggregate-based products (asphalt, chemical, clay, glass, etc.) and construction.

In 2012, there were 3,721 licences for pits and quarries on private land in areas designated under the Aggregate Resources Act (refer to Appendix D – Map of Areas Designated), 2,712 aggregate permits on Crown land and 2 wayside permits.

Aggregate Production

Overall production of mineral aggregates in 2012 totaled approximately 152 million tonnes, down 7 million tonnes or 4.4% from the previous year. Production from licenced operations was down 5 million tonnes or 3.5% compared to 2011. Forestry Aggregate Pits (formerly Category 14) pit production has remained the same. Similar to 2011, there was no wayside permit production in 2012. Production from aggregate permits on Crown Land decreased 18.2% from 2011 (9 million in 2012 from 11 million tonnes in 2011).

Note: Totals and percentage changes are based on rounded numbers from Table 1.

Table 1

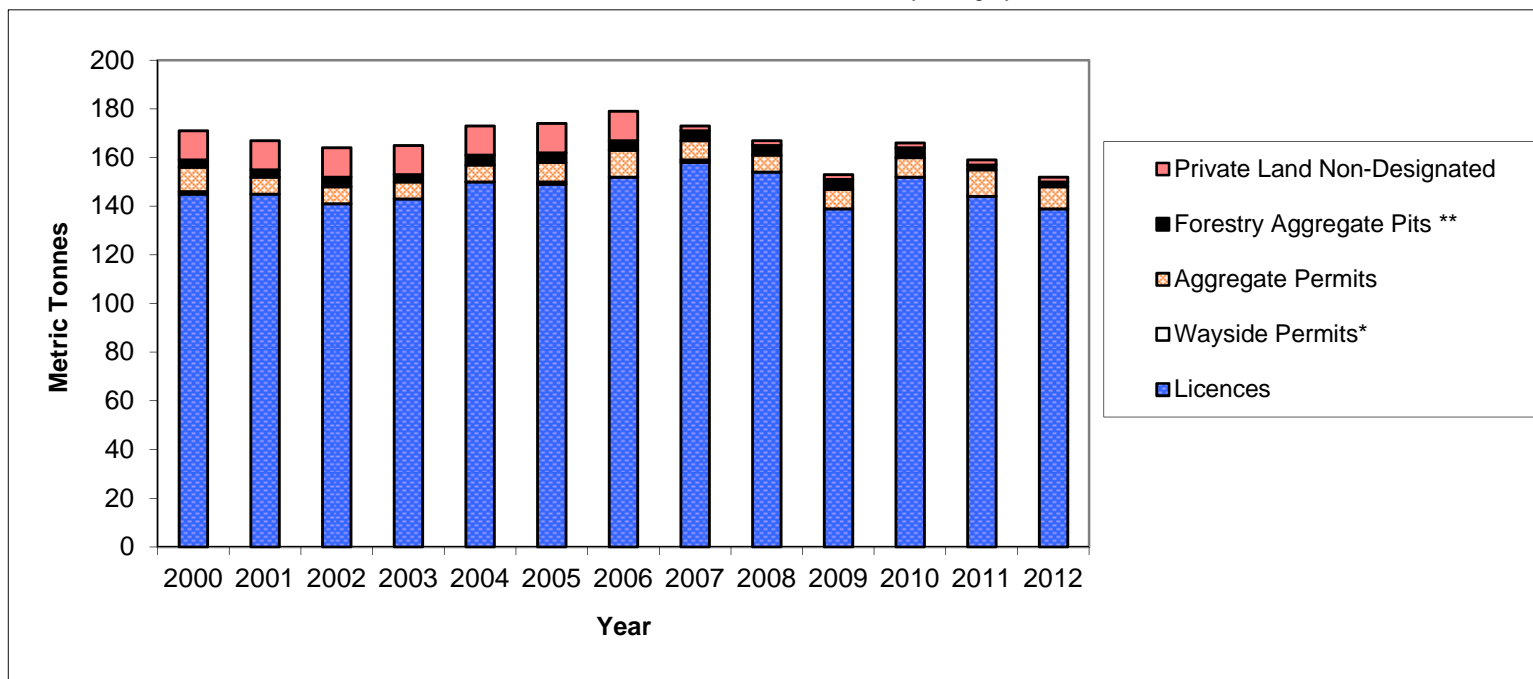
AGGREGATE PRODUCTION IN ONTARIO - 2000 - 2012
(rounded to nearest million tonnes)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Licences	145	145	141	143	150	149	152	158	154	139	152	144	139
Wayside Permits*	1	0	0	0	0	1	0	1	0	0	0	0	0
Aggregate Permits	10	7	7	7	7	8	11	8	7	8	8	11	9
Forestry Aggregate Pits **	3	3	4	3	4	4	4	4	4	4	4	2	2
Private Land Non-Designated (estimated)	12	12	12	12	12	12	12	2	2	2	2	2	2
ONTARIO TOTAL	171	167	164	165	173	174	179	173	167	153	166	159	152

*Wayside Permit production is reported as the 'total applied for' tonnage of all permits issued, adjusted where actual tonnages for completed contracts are known.

*Actual production for Wayside Permits was .2 million tonnes for 2001, .3 million tonnes for 2002, .3 million tonnes for 2003, .1 million tonnes for 2004, .3 million tonnes for 2006, .1 million tonnes for 2008, .2 million tonnes for 2009, zero tonnes for 2010, 2011 and 2012; ** Formerly Category 14

2



Production Statistics Report
Table 2 Lower Tier Grouping Guidelines

The guiding principal is to not disclose the confidential information of a single client's tonnage.

1. There must be a least 3 clients with a minimum of 2 reporting tonnage, each with licenses, in any municipal (lower) tier that appears in the stats report.
2. If the above guideline can't be met then the grouping of lower tiers is required based on the following rules:
 - a. Upper tiers with multiple lower tier groups of 2 or less must be combined for the 3 client minimum lower tier grouping provided there are at least 2 clients reporting tonnage.
 - b. The preferred criteria for determining groups will be based on geographical proximity.
 - c. A single lower tier reporting ZERO tonnage is not reported if it is not required for the above minimum 3 client grouping.
 - d. If geographic proximity can't be resolved then historical (grouping of past stats reports) will determine grouping.

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
<i>Algoma District</i>			
Algoma District, Unorganized	64,136.73		64,136.73
Blind River, Town of	43,671.46		43,671.46
Bruce Mines, Town of/Plummer Additional Tp	1,187,917.85		1,187,917.85
Elliot Lake, City of/Spanish, Town of/The North Shore, Tp	25,779.60		25,779.60
Hilton Tp	34,002.56		34,002.56
Huron Shores, Municipality of	537,540.69		537,540.69
Jocelyn Tp	48,734.92		48,734.92
Laird Tp/St. Joseph Tp	5,340.00		5,340.00
Johnson Tp/Tarbutt & Tarbutt Add'l Tp	48,259.32		48,259.32
Macdonald, Meredith & Aberdeen Add'l Tp	9,491.30		9,491.30
Sault Ste. Marie, City of/Prince Tp	617,612.86		617,612.86
Sub-Total	2,622,487.29	0.00	2,622,487.29
<i>Brant</i>			
Brant, County of/Brantford, City of	1,665,901.87		1,665,901.87
Sub-Total	1,665,901.87	0.00	1,665,901.87
<i>Bruce</i>			
Arran-Elderslie, Municipality of	119,099.58		119,099.58
Brockton, Municipality of	105,390.16		105,390.16
Huron-Kinloss Tp	267,059.56		267,059.56
Kincardine, Municipality of	53,874.30		53,874.30
Northern Bruce Peninsula, Municipality of	117,964.73		117,964.73
Saugeen Shores, Town of	111,854.31		111,854.31
South Bruce, Municipality of	450,831.05		450,831.05
South Bruce Peninsula, Town of	272,066.23		272,066.23
Sub-Total	1,498,139.92	0.00	1,498,139.92
<i>Chatham-Kent</i>			
Chatham-Kent, Municipality of	222,685.22		222,685.22
Sub-Total	222,685.22	0.00	222,685.22
<i>Dufferin</i>			
Amaranth Tp/East Luther Grand Valley Tp	143,686.00		143,686.00
East Garafraxa Tp	847,267.28		847,267.28
Melancthon Tp	625,078.88		625,078.88
Mono Tp	365,442.55		365,442.55
Mulmur Tp	210,332.79		210,332.79
Sub-Total	2,191,807.50	0.00	2,191,807.50
<i>Durham</i>			
Brock Tp	1,154,930.13		1,154,930.13
Clarington, Municipality of	5,068,791.60		5,068,791.60
Oshawa, City of/Scugog Tp	57,775.06		57,775.06
Uxbridge Tp	3,622,724.81		3,622,724.81
Sub-Total	9,904,221.60	0.00	9,904,221.60
<i>Elgin</i>			
Bayham/West Elgin, Municipality of/Malahide Tp	168,795.16		168,795.16
Central Elgin, Municipality of	223,873.01		223,873.01
Sub-Total	392,668.17	0.00	392,668.17

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
Essex			
Amherstburg, Town of/Leamington, Municipality of/Pelee Tp	1,619,611.40		1,619,611.40
Kingsville, Town of	410,184.39		410,184.39
Sub-Total	2,029,795.79	0.00	2,029,795.79
Frontenac			
Central Frontenac Tp	145,111.54		145,111.54
Frontenac Islands Tp	33,808.39		33,808.39
Kingston, City of	1,055,618.96		1,055,618.96
North Frontenac Tp	175,454.32		175,454.32
South Frontenac Tp	524,856.71		524,856.71
Sub-Total	1,934,849.92	0.00	1,934,849.92
Greater Sudbury			
Greater Sudbury, City of	2,678,324.55		2,678,324.55
Sub-Total	2,678,324.55	0.00	2,678,324.55
Grey			
Chatsworth Tp	357,191.85		357,191.85
Georgian Bluffs, Tp	400,528.66		400,528.66
Grey Highlands, Municipality of	430,690.76		430,690.76
Meaford, Municipality of	404,953.61		404,953.61
Southgate Tp	296,304.42		296,304.42
The Blue Mountains, Town of	218,887.82		218,887.82
West Grey, Municipality of	524,378.95		524,378.95
Sub-Total	2,632,936.07	0.00	2,632,936.07
Haldimand			
Haldimand, County of	1,293,572.42		1,293,572.42
Sub-Total	1,293,572.42	0.00	1,293,572.42
Haliburton			
Algonquin Highlands, Tp	46,249.32		46,249.32
Dysart et al, Tp	227,192.50		227,192.50
Highlands East, Tp	22,700.41		22,700.41
Minden Hills, TP	138,269.29		138,269.29
Sub-Total	434,411.52	0.00	434,411.52
Halton			
Burlington, City of/Halton Hills, Town of	3,021,917.76		3,021,917.76
Milton, Town of	4,385,555.29		4,385,555.29
Sub-Total	7,407,473.05	0.00	7,407,473.05
Hamilton			
Hamilton, City of	4,951,766.30		4,951,766.30
Sub-Total	4,951,766.30	0.00	4,951,766.30

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	(Reported in Metric Tonnes)	Licences	Wayside Permits	Total
Hastings				
Bancroft, Town of		36,946.39		36,946.39
Belleville, City of		835,038.55		835,038.55
Carlo/Mayo Tp		28,513.00		28,513.00
Centre Hastings, Municipality of		101,232.80		101,232.80
Faraday Tp		12,545.32		12,545.32
Hasting Highlands		200,251.85		200,251.85
Limerick Tp		16,506.44		16,506.44
Madoc Tp		686,918.73		686,918.73
Marmora & Lake, Municipality of/Sterling-Rawdon Tp		10,570.08		10,570.08
Quinte West, City of		519,988.95		519,988.95
Tweed, Municipality of		57,459.73		57,459.73
Tyendinaga Tp		152,662.76		152,662.76
Wollaston		22,212.15		22,212.15
Sub-Total		2,680,846.75	0.00	2,680,846.75
Huron				
Ashfield-Colborne-Wawanosh Tp		733,820.76		733,820.76
Bluewater, Municipality of		15,909.91		15,909.91
Central Huron, Municipality of		427,845.38		427,845.38
Howick Tp		182,859.42		182,859.42
Huron East, Municipality of		814,476.97		814,476.97
Morris-Turnberry, Municipality of		123,246.37		123,246.37
North Huron Tp		73,277.17		73,277.17
South Huron, Municipality of		153,636.21		153,636.21
Sub-Total		2,525,072.19	0.00	2,525,072.19
Kawartha Lakes				
Kawartha Lakes, City of		5,070,923.78		5,070,923.78
Sub-Total		5,070,923.78	0.00	5,070,923.78
Lambton				
Warwick Tp/Plympton-Wyoming, Town of		301,899.68		301,899.68
Lambton Shores, Municipality of		106,826.58		106,826.58
Sub-Total		408,726.26	0.00	408,726.26
Lanark				
Beckwith Tp		27,460.34		27,460.34
Drummond-North Elmsley Tp		119,111.75		119,111.75
Lanark Highlands Tp		968,927.01		968,927.01
Mississippi Mills, Town of		154,635.49		154,635.49
Montague Tp		211,205.21		211,205.21
Tay Valley Tp		11,246.64		11,246.64
Sub-Total		1,492,586.44	0.00	1,492,586.44

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**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	(Reported in Metric Tonnes)	Licences	Wayside Permits	Total
Leeds & Grenville				
Athens Tp/Front of Yonge Tp		187,160.68		187,160.68
Augusta Tp		110,199.00		110,199.00
Edwardsburgh-Cardinal Tp		85,064.92		85,064.92
Elizabethtown-Kitley Tp/Merrickville-Wolford, Village of		455,450.89		455,450.89
Leeds and the Thousand Islands Tp		494,319.11		494,319.11
North Grenville Tp		625,101.08		625,101.08
Rideau Lakes Tp		145,685.08		145,685.08
Sub-Total		2,102,980.76	0.00	2,102,980.76
Lennox & Addington				
Addington Highlands Tp		77,866.03		77,866.03
Greater Napanee, Town of		209,124.08		209,124.08
Loyalist Tp		1,808,512.36		1,808,512.36
Stone Mills Tp		116,603.12		116,603.12
Sub-Total		2,212,105.59	0.00	2,212,105.59
Manitoulin District				
Assignack, Tp		29,463.00		29,463.00
Gordon/Barrie Island/Burpee & Mills, Tp/Cockburn Island, Tp		39,932.34		39,932.34
Billings, Tp		11,585.00		11,585.00
Central Manitoulin Tp		78,608.47		78,608.47
Northeastern Manitoulin & The Islands		52,954.11		52,954.11
Tehkummah, Tp		30,026.76		30,026.76
Unorganized - Manitoulin D		2,304,136.40		2,304,136.40
Sub-Total		2,546,706.08	0.00	2,546,706.08
Middlesex				
Adelaide Metcalfe Tp		42,043.00		42,043.00
London, City of		891,426.86		891,426.86
Lucan Biddulph Tp		3,161.10		3,161.10
Middlesex Centre Tp		513,580.99		513,580.99
North Middlesex, Municipality of		42,881.80		42,881.80
Strathroy-Caradoc Tp		9,636.00		9,636.00
Thames Centre, Municipality of		2,274,520.09		2,274,520.09
Sub-Total		3,777,249.84	0.00	3,777,249.84
Muskoka				
Bracebridge		661,854.36		661,854.36
Georgian Bay/Muskoka Lakes, Tp		252,486.52		252,486.52
Gravenhurst		120,826.93		120,826.93
Huntsville		771,652.58		771,652.58
Lake of Bays, Tp		142,142.28		142,142.28
Sub-Total		1,948,962.67	0.00	1,948,962.67
Niagara				
Fort Erie, Town of/Pelham, Town of/Port Colborne, City of/ Wainfleet Tp		2,252,166.59		2,252,166.59
Lincoln, Town of/Niagara-on-the-Lake, Town of		1,546,338.07		1,546,338.07
Niagara Falls, City of		880,959.90		880,959.90
Sub-Total		4,679,464.56	0.00	4,679,464.56

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
<i>Nipissing District</i>			
Bonfield Tp/East Ferris, Municipality of	45,143.60		45,143.60
Calvin Tp	30,004.85		30,004.85
Chisholm Tp	45,933.78		45,933.78
Mattawan Tp/South Algonquin Tp	19,651.40		19,651.40
North Bay, City of	540,696.94		540,696.94
Papineau-Cameron Tp	127,155.02		127,155.02
Unorganized - Nipissing D	1,214.00		1,214.00
West Nipissing, Municipality of	353,297.58		353,297.58
Sub-Total	1,163,097.17	0.00	1,163,097.17
<i>Norfolk</i>			
Norfolk, County of	788,642.39		788,642.39
Sub-Total	788,642.39	0.00	788,642.39
<i>Northumberland</i>			
Alnwick-Haldimand Tp	212,864.59		212,864.59
Brighton, Municipality of	226,313.58		226,313.58
Cramahe Tp	2,153,742.51		2,153,742.51
Hamilton Tp	236,211.28		236,211.28
Port Hope, Municipality of	21,596.49		21,596.49
Trent Hills, Municipality of	232,835.20		232,835.20
Sub-Total	3,083,563.65	0.00	3,083,563.65
<i>Ottawa</i>			
Ottawa, City of	10,564,975.53		10,564,975.53
Sub-Total	10,564,975.53	0.00	10,564,975.53
<i>Oxford</i>			
Blandford-Blenheim Tp	536,218.83		536,218.83
East Zorra-Tavistock Tp/Norwich Tp	178,671.52		178,671.52
South-West Oxford Tp	848,839.09		848,839.09
Zorra Tp	4,069,820.74		4,069,820.74
Sub-Total	5,633,550.18	0.00	5,633,550.18
<i>Parry Sound District</i>			
ArmourTp/Burk's Falls, The Village of	196,858.69		196,858.69
Callander, Municipality of	62,804.56		62,804.56
Carling Tp/The Archipelago Tp	17,673.01		17,673.01
Joly Tp	22,610.04		22,610.04
Kearney, Town of	11,475.30		11,475.30
Macher Tp	17,815.40		17,815.40
Magnetawan, Municipality of	141,711.76		141,711.76
McDougall Tp	43,924.23		43,924.23
McKeller Tp	8,541.05		8,541.05
McMurrich-Monteith Tp	34,217.48		34,217.48
Nipissing Tp	15,932.00		15,932.00
Perry Tp	64,158.92		64,158.92
Powassan, Municipality of	98,244.93		98,244.93
Ryerson Tp	89,201.28		89,201.28
Seguin Tp/Parry Sound, Town of	384,268.77		384,268.77
Strong Tp	9,340.34		9,340.34
Unorganized - Parry Sound	227,304.70		227,304.70
Whitestone The Municipality of	37,592.72		37,592.72
Sub-Total	1,483,675.18	0.00	1,483,675.18

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

(Reported in Metric Tonnes)

Municipality	Licences	Wayside Permits	Total
Peel			
Caledon, Town of	3,939,277.25		3,939,277.25
Sub-Total	3,939,277.25	0.00	3,939,277.25
Perth			
North Perth, Town of/St. Marys, Separated Town of	97,333.92		97,333.92
Perth East Tp	380,533.75		380,533.75
Perth South Tp	1,453,604.27		1,453,604.27
West Perth Tp	203,332.58		203,332.58
Sub-Total	2,134,804.52	0.00	2,134,804.52
Peterborough			
Asphodel-Norwood Tp	239,003.21		239,003.21
Cavan-Monaghan Tp	26,034.13		26,034.13
Douro-Dummer Tp	615,109.63		615,109.63
Galway-Cavendish-Harvey Tp	392,100.27		392,100.27
Havelock-Belmont-Methuen Tp	611,882.71		611,882.71
North Kawartha Tp	4,092.90		4,092.90
Otonabee South Monaghan Tp	408,197.52		408,197.52
Smith-Ennismore-Lakefield Tp	349,313.96		349,313.96
Sub-Total	2,645,734.33	0.00	2,645,734.33
Prescott & Russell			
Alfred & Plantagenet Tp	273,749.97		273,749.97
Champlain Tp	660,842.40		660,842.40
Clarence-Rockland, City of	145,879.26		145,879.26
East Hawkesbury Tp	37,496.12		37,496.12
Russell Tp	46,902.25		46,902.25
The Nation, Municipality of	333,935.38		333,935.38
Sub-Total	1,498,805.38	0.00	1,498,805.38
Prince Edward Co			
Prince Edward, County of	1,565,386.37		1,565,386.37
Sub-Total	1,565,386.37	0.00	1,565,386.37
Renfrew			
Admaston-Bromley Tp/Renfrew, Town of	153,377.66		153,377.66
Bonnechere Valley Tp	144,503.96		144,503.96
Brudenell, Lyndoc and Raglan Tp	33,708.25		33,708.25
Deep River Tp/Head, Clara & Maria Tp	44,213.37		44,213.37
Greater Madawaska Tp	33,339.95		33,339.95
Horton Tp	277,133.83		277,133.83
Killaloe, Hagarty and Richards Tp	30,134.88		30,134.88
Laurentian Hills	37,976.82		37,976.82
Laurentian Valley Tp	711,609.93		711,609.93
Madawaska Valley	54,944.39		54,944.39
McNab-Braeside Tp	283,656.48		283,656.48
North Algona-Wilberforce Tp	51,027.69		51,027.69
Petawawa, Town of	215,586.26		215,586.26
Whitewater Region Tp	177,671.05		177,671.05
Sub-Total	2,248,884.52	0.00	2,248,884.52

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences	Wayside Permits	Total
<i>Simcoe</i>			
Adjala-Tosorontio Tp	195,370.83		195,370.83
Midland, Town of/Penetanguishine, Town of/ Clearview Tp	176,098.40		176,098.40
Essa Tp/Innisfil, Town of	1,027,373.56		1,027,373.56
New Tecumseth, Town of	151,947.17		151,947.17
Oro-Medonte Tp	19,439.00		19,439.00
Ramara Tp	2,658,564.96		2,658,564.96
Severn Tp	2,004,660.05		2,004,660.05
Springwater Tp	3,142,018.92		3,142,018.92
Tay Tp	752,275.85		752,275.85
Tiny Tp	115,707.85		115,707.85
Sub-Total	10,453,319.89	0.00	10,453,319.89
<i>Stormont, Dundas & Glengarry</i>			
North Dundas Tp	759,619.56		759,619.56
North Glengarry Tp	74,397.68		74,397.68
North Stormont Tp	780,773.64		780,773.64
South Dundas Tp	304,044.06		304,044.06
South Glengarry Tp	255,738.71		255,738.71
South Stormont Tp	1,326,196.97		1,326,196.97
Sub-Total	3,500,770.62	0.00	3,500,770.62
<i>Sudbury District</i>			
Baldwin Tp	32,153.70		32,153.70
French River, Municipality of	110,094.36		110,094.36
Killarny, Municipality of/Nairn & Hyman Tp	194,781.02		194,781.02
Markstay-Warren, Municipality of	138,091.28		138,091.28
Sables Spanish Rivers Tp/Espanola, Town of	70,969.77		70,969.77
Sudbury District, Unorganized	481,693.27		481,693.27
Sub-Total	1,027,783.40	0.00	1,027,783.40
<i>Thunder Bay District</i>			
Conmee, Tp	217,021.39		217,021.39
Neebing, Municipality of	28,097.67		28,097.67
Oliver Paipoonge, Municipality of	182,494.47		182,494.47
Shuniah, Tp	677,133.32		677,133.32
Thunder Bay, City of	3,138.00		3,138.00
Sub-Total	1,107,884.85	0.00	1,107,884.85
<i>Waterloo</i>			
Cambridge, City of/Kitchener, City of	154,984.86		154,984.86
North Dumfries Tp	4,420,790.89		4,420,790.89
Wellesley Tp	1,058,099.60		1,058,099.60
Wilmot Tp	956,186.38		956,186.38
Woolwich Tp	680,856.42		680,856.42
Sub-Total	7,270,918.15	0.00	7,270,918.15

Table 2

**LICENCE AND WAYSIDE PERMIT PRODUCTION
BY LOWER TIER MUNICIPALITY**

Municipality	Licences (Reported in Metric Tonnes)	Wayside Permits	Total
Wellington			
Centre Wellington Tp	1,030,906.97		1,030,906.97
Erin, Town of	863,179.89		863,179.89
Guelph-Eramosa Tp	840,476.27		840,476.27
Mapleton Tp	32,379.00		32,379.00
Minto, Town of	330,404.87		330,404.87
Puslinch Tp	3,837,011.86		3,837,011.86
Wellington North Tp	103,814.63		103,814.63
Sub-Total	7,038,173.49	0.00	7,038,173.49
York			
East Gwillimbury, Town of	60,827.81		60,827.81
Georgina, Town of	15,366.14		15,366.14
Whitchurch-Stouffville, Town of	775,498.43		775,498.43
Sub-Total	851,692.38	0.00	851,692.38
GRAND TOTAL	139,307,605.36	0.00	139,307,605.36

Table 3

**LICENCE AND WAYSIDE PRODUCTION
BY UPPER TIER MUNICIPALITY
(Million Tonnes)**

Municipality	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Algoma, District of	0.6	0.8	1.9	1.2	2.8	2.9	2.6	2.9	2.9	2.6
Brant Co.	2.1	2.0	1.8	2.3	2.3	2.2	1.4	1.9	1.7	1.7
Bruce Co.	1.7	1.9	1.8	2.3	2.4	2.0	1.7	2.3	1.7	1.5
Chatham-Kent, R. M. of	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.2
Dufferin Co.	3.0	2.7	2.9	3.1	3.0	3.1	2.7	2.7	2.3	2.2
Durham, R. M. of	11.8	12.6	13.2	12.2	11.7	10.0	8.3	9.6	10.2	9.9
Elgin Co.	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.4
Essex Co.	1.9	1.9	1.7	1.6	1.7	1.6	1.7	2.6	2.0	2.0
Frontenac Co.	2.0	2.2	2.4	2.1	2.1	2.9	2.6	2.3	2.2	1.9
Greater Sudbury, City of	1.7	2.2	2.8	2.9	2.7	3.2	2.1	2.5	3.1	2.7
Grey Co.	3.1	3.2	3.7	3.4	3.2	3.3	2.9	3.5	3.0	2.6
Haldimand Co.	1.8	1.6	2.0	1.8	1.4	1.3	1.1	1.4	1.2	1.3
Haliburton Co.	----	----	----	----	0.5	0.6	0.5	0.5	0.5	0.4
Halton, R. M. of	10.7	11.4	10.9	9.6	9.5	8.5	6.9	7.2	8.7	7.4
Hamilton, City of	6.0	6.3	5.6	6.2	5.6	5.7	4.9	5.3	5.0	5.0
Hastings Co.	2.4	2.3	2.1	2.3	2.6	3.0	3.4	3.5	3.1	2.7
Huron Co.	2.8	2.5	2.6	2.7	2.9	2.9	3.0	2.5	2.8	2.5
Kawartha Lakes, City of	6.7	6.8	6.8	6.5	5.9	5.5	4.5	4.6	4.7	5.1
Lambton Co.	0.4	0.5	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.4
Lanark Co.	2.4	2.3	2.3	2.3	2.3	1.9	2.5	2.9	1.8	1.5
Leeds & Grenville Co.'s	1.9	2.2	2.3	2.3	2.0	2.3	2.1	2.6	2.0	2.1
Lennox & Addington Co.	1.9	1.8	1.9	1.9	2.0	2.0	2.0	2.4	2.2	2.2
Manitoulin, District of	----	----	----	----	3.6	3.9	2.9	3.6	3.2	2.5
Middlesex Co.	5.6	6.2	6.2	5.6	5.2	4.8	4.3	4.8	4.0	3.8
Muskoka	----	----	----	----	2.1	2.1	2.3	2.4	2.1	1.9
Niagara, R. M. of	4.6	4.7	4.5	5.1	4.0	4.0	3.9	4.6	3.9	4.7
Nipissing, District of	----	----	----	----	1.3	1.2	1.2	1.1	1.1	1.2
Norfolk Co.	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.8
Northumberland Co.	3.4	3.3	3.5	3.4	3.4	3.0	2.8	3.1	2.7	3.1
Ottawa, City of	10.0	9.9	10.6	11.1	11.4	11.2	11.0	12.7	10.9	10.6
Oxford Co.	4.9	4.8	5.0	5.4	7.1	5.8	4.9	5.2	4.9	5.6
Parry Sound, District of	----	----	----	----	1.5	1.8	2.4	3.5	2.1	1.5
Peel, R. M. of	4.5	5.3	5.1	5.3	4.7	3.8	3.6	3.9	3.6	3.9
Perth Co.	2.0	2.0	2.0	2.4	2.1	1.9	1.9	2.7	2.2	2.1
Peterborough Co.	2.5	2.5	2.7	2.6	2.9	3.2	3.2	3.3	3.2	2.6
Prescott & Russell Co.'s	1.4	1.4	1.7	1.5	1.4	1.7	1.7	1.6	1.6	1.5
Prince Edward Co.	2.2	2.2	2.4	2.2	2.4	2.4	1.6	1.7	1.6	1.6
Renfrew Co.	1.6	1.7	1.3	1.9	2.3	2.1	2.3	2.3	2.2	2.2
Simcoe Co.	11.8	12.7	12.6	13.4	12.0	12.1	10.5	10.3	10.7	10.5
Stormont, Dundas & Glengarry Co.'s	2.7	3.5	3.0	3.4	2.8	3.2	3.4	3.3	4.1	3.5
Sudbury, District of	0.6	0.6	0.8	0.8	1.7	1.1	0.8	0.8	0.9	1.0
Thunder Bay, District of	----	----	----	----	0.3	0.7	1.0	0.8	1.0	1.1
Waterloo, R. M. of	8.0	9.5	8.2	9.3	8.2	7.9	7.1	7.5	7.8	7.3
Wellington Co.	9.1	9.1	8.3	8.8	9.0	8.0	6.6	6.8	6.5	7.0
York, R. M. of	2.0	1.9	1.0	1.0	0.7	1.1	1.0	0.7	0.6	0.9
TOTAL	143.2	149.8	149.7	151.9	158.9	153.8	139.0	151.7	143.7	139.3

Note: Totals may not equal due to rounding.

Table 4

**LICENCE PRODUCTION IN 2012
THE TOP TEN PRODUCING MUNICIPALITIES
(Rounded to nearest million tonnes)**

Municipality(1)	County/Region	2012 Production	Production(2)				
			2011	2010	2009	2008	2007
1	City of Ottawa	10.6	10.9	12.7	11.0	11.2	11.0
2	City of Kawartha Lakes	5.1	4.7	4.6	4.5	5.5	5.9
3	Municipality of Clarington	5.1	5.0	4.9	4.1	4.6	5.2
4	City of Hamilton	5.0	5.0	5.3	4.9	5.7	5.6
5	Township of North Dumfries	4.4	4.5	3.8	3.4	3.7	4.2
6	Town of Milton	4.4	4.9	3.7	3.7	4.5	4.4
7	Township of Zorra	4.1	3.6	3.3	2.8	3.6	4.1
8	Town of Caledon	3.9	3.6	3.9	3.6	3.8	4.7
9	Puslinch Township	3.8	3.1	3.6	3.4	3.9	4.2
10	Township of Uxbridge	3.6	3.9	3.4	3.0	3.7	4.6
Total		50.0	49.2	49.2	44.4	50.2	53.9

Notes:

1. Municipalities are ranked in order of their licenced production for 2012.
2. Historical data are in order of current year's Top Ten Producing Municipalities.
3. Pre 2009 historical data for Table 4 has been corrected effective February 24, 2011.

Table 5

**NUMBER AND TYPE OF AGGREGATE LICENCES
(Reported by MNR District)**

District	No. of Licences	Category		Type of Operation			
		Class A	Class B	Pit	Quarry	Pit & Quarry	Underwater
Aurora (GTA)	140	122	18	124	16	0	0
Aylmer	305	238	67	291	8	6	0
Bancroft	267	99	168	192	33	42	0
Guelph (Cambridge)	456	389	67	417	36	3	0
Kemptville	475	284	191	332	120	23	0
Midhurst	482	365	117	422	55	5	0
North Bay	144	63	81	111	7	26	0
Parry Sound	302	119	183	195	10	97	0
Pembroke	224	73	151	203	11	10	0
Peterborough (Tweed)	530	293	237	424	89	17	0
Sault Ste. Marie	98	54	44	79	6	13	0
Sudbury	237	128	109	168	20	49	0
Thunder Bay	59	25	34	46	4	9	0
Wawa	2	2	0	1	0	1	0
TOTAL	3,721	2,254	1,467	3,005	415	301	0

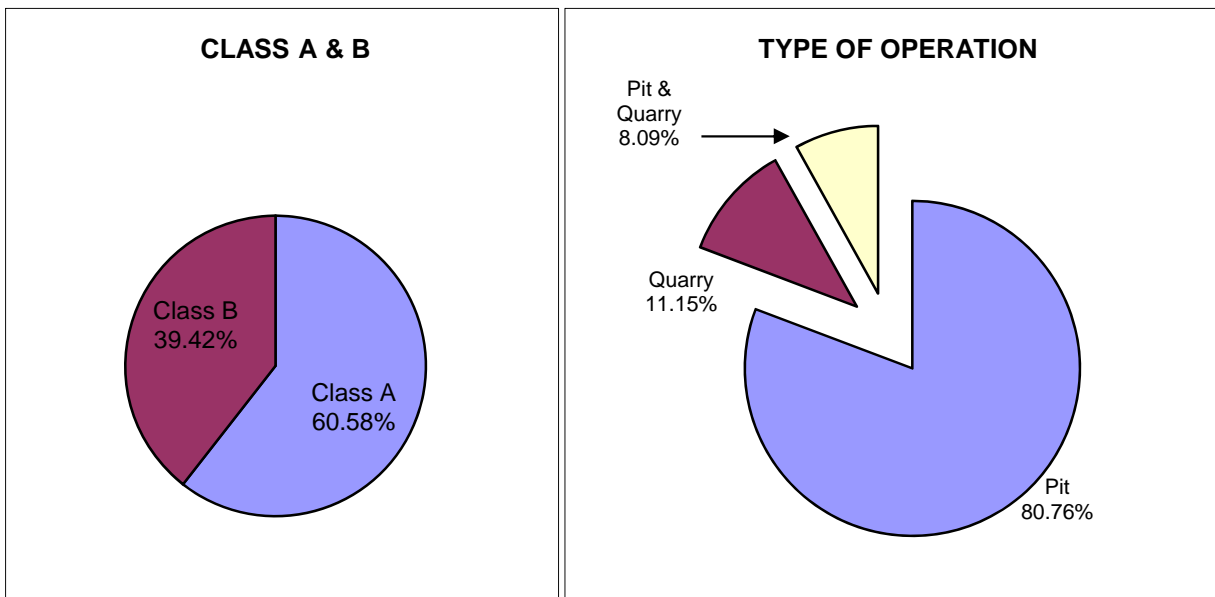
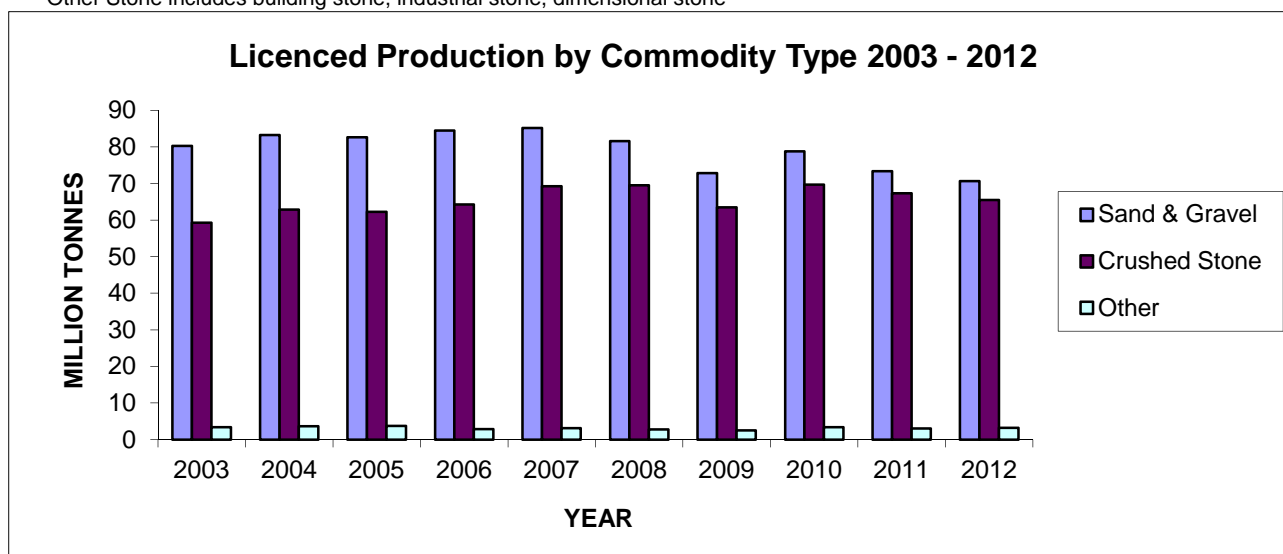


Table 6

**2012 LICENCED AGGREGATE PRODUCTION
BY COMMODITY TYPE
(Reported by MNR District)**

District	Total	Sand & Gravel	Crushed Stone	Clay/ Shale	Other Stone
Aurora (GTA)	22,101,664.28	11,616,476.97	9,783,612.58	674,575.23	26,999.50
Aylmer	13,253,317.85	9,118,659.00	4,119,027.74	5,593.00	10,038.11
Bancroft	3,805,312.74	759,397.71	2,863,799.64	0.00	182,115.39
Guelph (Cambridge)	31,635,809.22	19,612,519.63	11,944,319.10	75,644.59	3,325.90
Kemptville	19,160,118.73	3,984,359.00	13,382,255.80	12,362.62	1,781,141.31
Midhurst	16,700,067.67	9,952,215.07	6,477,107.48	21,273.17	249,471.95
North Bay	1,479,981.58	913,180.85	554,434.44	1,365.44	11,000.85
Parry Sound	3,191,609.87	1,532,556.20	1,635,001.20	4,950.00	19,102.47
Pembroke	2,248,884.52	1,703,579.34	541,004.75	0.00	4,300.43
Peterborough	15,792,942.64	6,308,728.39	9,400,554.23	55,594.36	28,065.66
Sault Ste. Marie	2,621,301.69	1,341,762.03	1,276,819.86	0.00	2,719.80
Sudbury	6,208,709.73	2,764,045.49	3,411,629.96	27,008.99	6,025.29
Thunder Bay	1,107,884.85	992,255.41	115,057.44	0.00	572.00
TOTAL	139,307,605.36	70,599,735.09	65,504,624.22	878,367.40	2,324,878.66

Note: Totals may not equal due to rounding - Reported in metric tonnes
Other Stone includes building stone, industrial stone, dimensional stone



**Yearly Production for Aggregate Licences
(in Million Tonnes)**

	Total	Sand & Gravel	Crushed Stone	Other
2003	142.91	80.30	59.25	3.36
2004	149.76	83.28	62.83	3.65
2005	148.59	82.62	62.27	3.70
2006	151.61	84.49	64.24	2.88
2007	157.56	85.17	69.24	3.15
2008	153.80	81.55	69.52	2.73
2009	138.84	72.79	63.51	2.54
2010	151.76	78.78	69.64	3.34
2011	143.73	73.36	67.34	3.03
2012	139.30	70.60	65.50	3.20

Table 7

**2012 AGGREGATE PERMIT PRODUCTION
BY COMMODITY TYPE
(Reported by MNR District)**

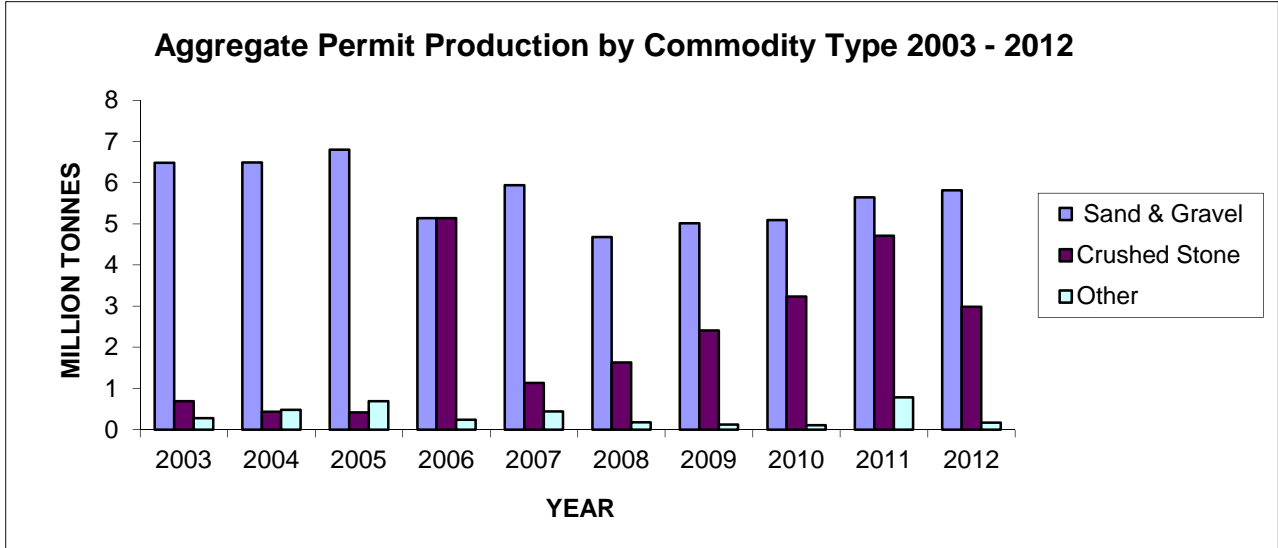
Region/District	Total Production	Sand & Gravel	Crushed Stone	Clay/Shale	Other Stone
NORTHEAST					
Chapleau	43,381.75	43,381.75	-	-	-
Cochrane	1,076,003.18	791,196.49	284,806.69	-	-
Hearst	390,165.06	301,951.92	88,172.34	40.80	-
Kirkland Lake	695,766.85	695,766.85	-	-	-
North Bay	478,078.66	353,130.87	124,887.38	-	60.41
Sault Ste. Marie	188,328.63	188,328.63	-	-	-
Sudbury	797,205.53	232,257.97	558,106.86	20.40	6,820.30
Timmins	884,472.21	880,884.21	3,588.00	-	-
Wawa	478,217.00	309,864.12	142,987.88	25,365.00	-
Sub-Total	5,031,618.87	3,796,762.81	1,202,549.15	25,426.20	6,880.71
NORTHWEST					
Dryden	744,026.66	252,068.08	491,199.58	-	759.00
Fort Frances	192,499.17	173,164.17	13,874.00	-	5,461.00
Kenora	97,056.06	51,088.59	28,530.00	-	17,437.47
Nipigon	454,197.44	282,942.15	169,949.29	-	1,306.00
Red Lake	329,193.51	251,784.51	77,409.00	-	-
Sioux Lookout	744,315.63	633,380.63	110,377.00	-	558.00
Thunder Bay	433,336.74	197,175.22	236,106.74	-	54.78
Sub-Total	2,994,625.21	1,841,603.35	1,127,445.61	-	25,576.25
SOUTHCENTRAL					
Algonquin Park	-	-	-	-	-
Aurora (GTA)	-	-	-	-	-
Aylmer	7,150.00	7,150.00	-	-	-
Bancroft	375,348.71	23,170.55	261,764.48	-	90,413.68
Guelph (Cambridge)	-	-	-	-	-
Kemptville	881.28	881.28	-	-	-
Midhurst	14,851.00	-	-	14,851.00	-
Parry Sound	177,968.63	37,708.12	138,692.51	-	1,568.00
Pembroke	104,647.00	104,647.00	-	-	-
Peterborough (Tweed)	250,304.55	-	250,304.55	-	-
Sub-Total	931,151.17	173,556.95	650,761.54	14851.00	91,981.68
TOTAL	8,957,395.25	5,811,923.11	2,980,756.30	40,277.20	124,438.64

Note: Totals may not equal due to rounding - Reported in metric tonnes

Other Stone includes building stone, industrial stone, dimensional stone

Table 8

**2012 AGGREGATE PERMIT PRODUCTION
BY COMMODITY TYPE
(Reported By Year)**



**Yearly Production for Aggregate Permits
(in Million Tonnes)**

	Total	Sand & Gravel	Crushed Stone	Other
2003	7.45	6.48	0.69	0.28
2004	7.40	6.49	0.43	0.48
2005	7.91	6.80	0.42	0.69
2006	10.52	5.14	5.14	0.24
2007	7.51	5.94	1.13	0.44
2008	6.49	4.68	1.63	0.18
2009	7.54	5.01	2.41	0.12
2010	8.43	5.09	3.23	0.11
2011	11.13	5.64	4.71	0.78
2012	8.96	5.81	2.98	0.17

Table 9

**2012 AGGREGATE PERMIT PRODUCTION
BY COMMODITY TYPE
(Reported by CAC* Geographic Areas)**

Area	Total	Sand & Gravel	Crushed Stone	Clay/ Shale	Other Stone
Southwest (1)	7,150	7,150	0	0	0
Peninsula (2)	0	0	0	0	0
West Central (3)	14,851	0	0	14,851	0
GTA (4)	0	0	0	0	0
East Central (5)	645,843	31,312	522,549	0	91,982
East (6)	105,972	105,972	0	0	0
Northeast (7)	4,542,410	3,287,942	1,247,526	61	6,881
Northwest (8)	3,641,169	2,379,547	1,210,681	25,365	25,576
TOTAL	8,957,395	5,811,923	2,980,756	40,277	124,439

Note: Totals may not equal due to rounding - Reported in metric tonnes

Other Stone includes building stone, industrial stone, dimensional stone

*CAC - Cement Association of Canada formerly CPCA - Canadian Portland Cement Association

**2012 AGGREGATE LICENCE PRODUCTION
BY COMMODITY TYPE
(Reported by CAC* Geographic Areas)**

Area	Total	Sand & Gravel	Crushed Stone	Clay/ Shale	Other Stone
Southwest (1)	17,124,552	12,264,302	4,837,061	9,825	13,364
Peninsula (2)	13,379,348	2,564,320	10,779,633	35,394	0
West Central (3)	31,085,295	23,854,772	6,923,760	57,292	249,472
GTA (4)	22,102,664	11,617,477	9,783,613	674,575	27,000
East Central (5)	17,429,829	7,142,874	10,055,718	15,020	216,217
East (6)	25,555,959	6,472,464	17,233,577	52,967	1,796,951
Northeast (7)	8,899,586	4,348,324	4,499,385	33,294	18,583
Northwest (8)	3,730,372	2,335,203	1,391,877	0	3,292
TOTAL	139,307,605	70,599,735	65,504,624	878,367	2,324,879

Note: Totals may not equal due to rounding - Reported in metric tonnes

Other Stone includes building stone, industrial stone, dimensional stone

*CAC - Cement Association of Canada formerly CPCA - Canadian Portland Cement Association

Table 10

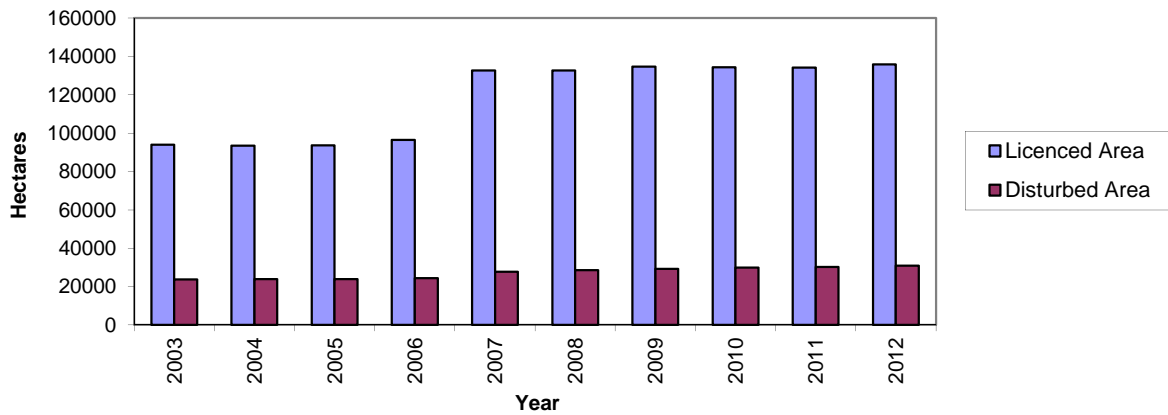
**REHABILITATION OF
LICENCED AGGREGATE SITES IN 2012
(Reported by MNR District)**

District	Total No. of Licences	Total Licenced Area	Original Disturbed Area	New Disturbed Area	New Rehab. Area	Total Disturbed Area
Aurora (GTA)	140	8,174.99	3,033.79	58.77	115.76	2,976.80
Aylmer	305	8,566.86	2,915.67	92.58	87.53	2,920.72
Bancroft	267	9,361.67	1,175.22	22.18	5.18	1,192.22
Guelph (Cambridge)	456	16,405.82	4,970.77	149.73	144.52	4,975.98
Kemptville	475	14,251.25	4,460.57	85.69	76.72	4,469.53
Midhurst	482	15,685.30	3,878.74	121.22	89.08	3,910.88
North Bay	144	6,575.95	919.90	20.29	3.89	936.30
Parry Sound	302	9,670.08	2,036.86	20.48	11.29	2,046.06
Pembroke	224	5,607.26	780.58	42.69	16.24	807.03
Peterborough (Tweed)	530	15,151.72	3,842.24	87.06	49.41	3,879.90
Sault Ste. Marie	98	4,232.63	747.36	17.46	12.16	752.66
Sudbury	237	18,535.25	1,767.23	68.84	43.91	1,792.16
Thunder Bay	59	3,625.27	240.02	6.36	1.62	244.76
Wawa	2	46.87	0.00	0.00	0.00	0.00
TOTAL	3,721	135,890.92	30,768.94	793.36	657.31	30,904.99

Note: Areas reported in hectares

These statistics are compiled from information supplied by licencees and are not independently checked for accuracy.

Total Licenced & Disturbed Area 2003 - 2012



New Rehabilitated & Disturbed Area 2003 - 2012

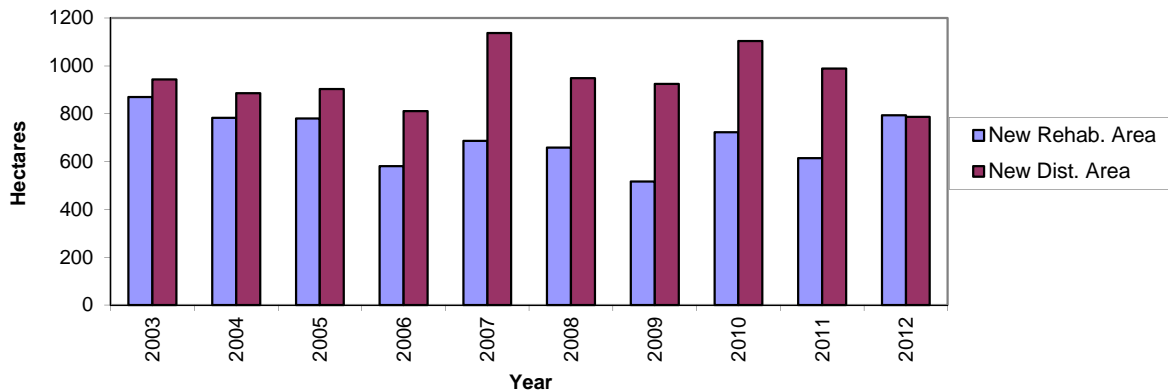


Table 11

**NUMBER AND TYPE OF AGGREGATE PERMITS
(Reported by MNR District)**

Region/District	Total Hectarage	Total No. of Permits	Pit	Quarry	Pit & Quarry	Underwater
NORTHEAST						
Chapleau	1,269.55	136	132	4	0	0
Cochrane	3,184.53	129	112	10	7	0
Hearst	3,839.19	189	164	23	2	0
Kirkland Lake	2,013.03	157	145	10	2	0
North Bay	2,801.42	196	163	24	9	0
Sault Ste. Marie	1,098.00	101	94	5	2	0
Sudbury	4,653.93	160	124	24	12	0
Timmins	2,116.00	146	132	9	5	0
Wawa	2,321.34	194	180	8	6	0
Sub-Total	23,296.99	1,408	1,246	117	45	0
NORTHWEST						
Dryden	2,415.84	187	167	9	11	0
Fort Frances	2,321.71	216	198	4	14	0
Kenora	2,997.89	179	138	23	18	0
Nipigon	3,420.51	223	188	17	18	0
Red Lake	1,172.65	74	70	3	1	0
Sioux Lookout	1,878.32	79	74	2	3	0
Thunder Bay	3,788.65	152	120	20	12	0
Sub-Total	17,995.57	1,110	955	78	77	0
SOUTHCENTRAL						
Aylmer	0.10	1	0	0	0	1
Bancroft	1,166.80	67	53	14	0	0
Guelph (Cambridge)	620.00	1	0	0	0	1
Kemptville	2.00	1	1	0	0	0
Midhurst	10.50	1	1	0	0	0
Parry Sound	937.29	88	63	18	7	0
Pembroke	121.60	33	33	0	0	0
Peterborough (Tweed)	31.40	2	0	1	1	0
Sub-Total	2,889.69	194	151	33	8	2
TOTAL	44,182.25	2,712	2,352	228	130	2

APPENDIX A

GLOSSARY OF TERMS

For actual definitions, please refer to the Aggregate Resources Act.

Active Licence

A licence that has been issued, being transferred, or under suspension at the end of the calendar year.

Aggregate

Includes sand, gravel, limestone, dolostone, crushed stone, rock other than metallic ores, and other prescribed material.

Aggregate Permit

A permit for a pit or quarry issued under the Aggregate Resources Act allowing for the excavation of aggregate that is the property of the Crown, on land where the surface rights are the property of the Crown, or from land under water.

ALPS

The Aggregate Licence and Permit System (ALPS) is an automated data base that facilitates the management of mineral aggregate production and related information, for individual licences, aggregate permits and wayside permits across the province.

Building Dimension

A slab or block of rock, flagstone if foliated and dimension stone if massive, generally rectangular, and cut to specified measurements for ornamental surfacing in buildings or other construction applications.

Clay/Shale

Clay is a fine-grained, natural, earthy material composed primarily of hydrous aluminum silicates. It is plastic when moist and hardens when dried. Shale is fine-grained sedimentary laminated rock predominantly composed of clay grade and other fine minerals.

Class A Licence

A licence under the Aggregate Resources Act to allow excavation of more than 20,000 tonnes of aggregate annually from a pit or quarry within parts of Ontario that have been designated under the Aggregate Resources Act.

Class B Licence

A licence under the Aggregate Resources Act to allow excavation of 20,000 tonnes or less of aggregate annually from a pit or quarry within parts of Ontario that have been designated under the Aggregate Resources Act.

Crown Land

Ownership of land which is vested in the Crown or owned by the Province of Ontario.

Crushed Stone

Rock or stone mechanically crushed to specified sizes and grading.

Designated Area

An area of the Province identified by regulation under the Aggregate Resources Act where a person requires a licence for the excavation of aggregate from private land.

Disturbed Area

An area within a site that has been, or is being excavated to operate a pit or quarry, and has not been rehabilitated.

Gravel

Small stones and pebbles or a mixture of sand and small stones. More specifically, fragments of rock worn by the action of air and water, larger and coarser than sand. MTO specifications define gravel as unconsolidated granular material greater than 4.75mm.

Housing Starts

The number of housing units started where construction has advanced to 100 per cent of footings. In case of multiple dwellings, a "start" implies the commencement of individual structures.

Inactive Licence

A licence that has been revoked or surrendered prior to the end of the calendar year.

Licence

A licence for a pit or quarry issued under the Aggregate Resources Act allowing for the extraction of aggregate in designated areas.

Licensed Area

A specific area for which a licence has been issued for the extraction of mineral aggregates under the Aggregate Resources Act.

Pit

Land or land under water from which unconsolidated aggregate is being or has been excavated, and has not been rehabilitated.

Private Land

Land owned by an individual or corporation, as opposed to land which is owned by the Crown.

Progressive Rehabilitation

As per the requirements of the Aggregate Resources Act, sequential rehabilitation completed within reasonable time over disturbed land from which aggregate has been extracted. The rehabilitation is carried out according to the Act, the regulations, the site plan, and the conditions of the licence or permit during the period that aggregate is being extracted.

Pits & Quarries Control Act

An Act to manage and regulate mineral aggregate extraction in Ontario. The Act had been automatically repealed and replaced by the Aggregate Resources Act as of January 1, 1990.

Quarry

Land or land under water from which consolidated rock is or has been excavated and the site has not been rehabilitated.

Rehabilitation

To treat the land from which aggregate has been excavated to a pre-excitation condition or use, or to a condition compatible with adjacent land.

Royalty

A payment made to the Crown in recognition of the extraction of aggregates owned by the Crown. Under the Aggregate Resources Act, the royalty is set at a minimum of 50 cents per tonne. The Minister may set a higher rate or may allow exemption.

Sand

Any hard granular rock material finer than gravel and coarser than dust. MTO specifications define sand as granular material ranging in size from .075mm to 4.75 mm.

Wayside Permit

A permit issued to a public authority or a person who has a contract with a public authority for a temporary road project or an urgent project for which no alternative source of aggregate is available under licence or permit. A wayside permit expires 18 months from the date of issue or upon completion of the project, whichever comes first.

APPENDIX B

**HISTORICAL DESIGNATION OF PRIVATE LAND UNDER THE
PITS AND QUARRIES CONTROL ACT AND
THE AGGREGATE RESOURCES ACT**

(by Geographic Twp)

Designations under the Pits and Quarries Control Act (1971-1989)

DECEMBER 19, 1971

Adjala	Euphrasia	Nottawasaga
Albemarle	Flamborough East	Osprey
Albion	Flamborough West	Pelham
Amabel	Grantham	Reach
Ancaster	Grimsby North	Saltfleet
Artemesia	Holland	Stamford
Barton	Keppel	St. Edmunds
Beverly	Lindsay	St. Vincent
Caledon	London	Sydenham
Chinguacousy	Louth	Thorold
Clinton	Melancthon	Toronto Gore
Collingwood	Mono	Trafalgar
Derby	Mulmur	Westminster
Eastnor	Nassagaweya	West Nissouri
Erin	Nelson	Whitby
Esquesing	Niagara	Whitchurch

MARCH 3, 1972

Brock	Lobo	Pickering
East Whitby	Markham	Toronto
Gloucester	Nepean	Vaughan
Hallowell	Osgoode	

MAY 9, 1972

Brantford	Pittsburgh	South Dumfries
Guelph	Puslinch	Waterloo
Kingston	North Dumfries	

AUGUST 15, 1973

Anderdon	Dereham	Humberstone
Bertie	Dunn	Huntley
Blenheim	Eramosa	King
Brighton	Fitzroy	Malden
Clarke	Gosfield South	Manvers
Colchester North	Gosfield North	March
Colchester South	Haldimand	Mersea
Cramahe	Hamilton	Murray
Crowland	Harwich	Nichol
Darlington	Hope	North Cayuga

North Gower
North Oxford
Oneida
Orillia
Oro
Pilkington
Raleigh
Romney

Sidney
Sunnidale
Thurlow
Tilbury East
Tyendinaga
Uxbridge
Vespra
Walpole

Wellesley
West Oxford
Willoughby
Wilmot
Woodhouse
Woolwich
Yarmouth

FEBRUARY 15, 1974

Delaware
North Dorchester

MAY 17, 1974

Pelee

MAY 1, 1975

Alnwick
Amaranth
Arran
Arthur
Asphodel
Balfour
Bayham
Belmont
Bexley
Biddulph
Binbrook
Blandford
Blanshard
Blezard
Bowell
Broder
Burford
Caistor
Camden
Capreol
Cartwright
Cavan
Charlotteville
Chatham
Creighton
Cumberland
Denison
Dieppe
Dill
Douro
Dover
Dowling
Drury

Dryden
Dummer
East York
East Garafraxa
East Nissouri
East Luther
East Gwillimbury
East Oxford
East Zorra
Eldon
Emily
Ennismore
Essa
Etobicoke
Fairbank
Falconbridge
Fenelon
Flos
Gainsborough
Garson
Georgina
Glanford
Glenelg
Goulburn
Graham
Hanmer
Harvey
Houghton
Howard
Hutton
Innisfil
Levack
Lorne

Louise
Lumsden
MacLennan
Maidstone
Malahide
Mara
Mariposa
Marlborough
Maryborough
Matchedash
McKim
Medonte
Middleton
Minto
Morgan
Moulton
Neelon
Norman
North Monaghan
North Walsingham
North Norwich
North Gwillimbury
North York
Oakland
Onondaga
Ops
Orford
Otonabee
Peel
Percy
Proton
Rainham
Rama

Rawden
Rayside
Rochester
Sandwich, East
Sandwich, West
Scarborough
Scott
Scugog
Seneca
Seymour
Sherbrooke
Smith
Snider
South Walsingham

South Cayuga
South Dorchester
South Grimsby
South Norwich
South Monaghan
Sullivan
Tay
Tecumseh
Thorah
Tilbury, North
Tilbury, West
Tiny
Torbolton
Tosorontio

Townsend
Trill
Tuscarora
Verulam
Wainfleet
Waters
West Luther
West Garafraxa
West Gwillimbury
West Zorra
Windham
Wisner
York
Zone

APRIL 6, 1976

Great LaCloche Island
Little LaCloche Island

AUGUST 27, 1976

Avenge
Bosanquet
Carden

Korah
Parke
Prince

Rankin
St. Mary's
Tarentorus

JANUARY 1, 1981

Adelaide
Aldborough
All of the County of Perth
All of the County of Huron
All of the County of Lanark
Ameliasburgh
Athol
Bentinck
Brant
Brooke
Bruce
Carrick
City of Belleville
Culross
Dawn
Dunwich
E. Williams
Egremont
Elderslie
Elzevir and Grimsthorpe

Enniskillen
Euphemia
Exfrid
Greenock
Hillier
Hungerford
Huntingdon
Huron
Kincardine
Kinloss
Madoc
Marmora and Lake
McGillivray
Moore
Mosa
Normanby
North Marysburgh
Plympton
Sarnia
Saugeen

Separated Town of Trenton
Sombra
Sophiasburgh
South Marysburgh
Southwold
Town of Deseronto
Tudor
United Counties of Prescott
and Russell
United Counties of Stormont,
Dundas & Glengarry
United Counties of Leeds and
Grenville
Villages of Deloro, Frankford,
Madoc, Marmora, Stirling
and Tweed
W. Williams
Walford
Warwich
Wyoming

JULY 1, 1984

Storrington

Designations under the Aggregate Resources Act (Jan. 1, 1990)

APRIL 1, 1992

Adolphustown	Howe Island	Somerville
Amherst Island	Laxton	South Fredericksburgh
Bedford	Longford	Town of Napanee
Camden East	Loughborough	Villages of Bath and
Dalton	North Fredericksburgh	Newburgh
Digby	Portland	Wolfe Island
Ernestown	Richmond	

SEPTEMBER 1, 1993

Admaston		Towns of Arnprior and
Alice and Fraser	McNab	Renfrew
Bagot and Blithfield	Pembroke	Villages of Beachburg,
Bromley	Petawawa	Braeside, Cobden and
City of Pembroke	Ross	Petawawa
Horton	Stafford	Westmeath

JANUARY 1, 1998

Anderson	Gaudette	Ley
Appleby	Gough	Loughrin
Archibald	Hagar	Macdonald
Aweres	Hallam	May
Awrey	Harrow	McKinnon
Baldwin	Harty	Meredith and Aberdeen
Burwash	Haviland	Additional
Cartier	Hawley	Merritt
Cascaden	Hendrie	Mongowin
Casimir	Henry	Nairn
Chesley Additional	Herrick	Pennefather
Cleland	Hess	Ratter
Cosby	Hilton	Secord
Curtin	Hodgins	Servos
Delamere	Hoskin	Shakespeare
Dennis	Hyman	Shields
Deroche	Jarvis	St. Joseph
Duncan	Jennings	Street
Dunnet	Jocelyn	Tarbutt and Tarbutt
Eden	Johnson	Additional
Fenwick	Kars	Tilley
Fisher	Kehoe	Tilton
Foster	Laird	Tupper
Foy	Laura	VanKoughnet

DECEMBER 4, 1999

Village of Hilton Beach

JULY 22, 2004

Andre
Bostwick
Franchere
Groseilliers
Legarde

Levesque
Macaskill
Menzies
Michipicoten
Musquash

Rabazo
St. Germain
Warpula

Newly Designated Private Lands (Effective January 1, 2007)

1. Those parts of the County of Frontenac consisting of the townships of Central Frontenac and North Frontenac.
2. Those parts of the County of Renfrew consisting of,
 - a) the Township of Bonnechere Valley, the Township of Brudenell, Lyndoch and Raglan, the Township of Head, Clara and Maria, the Township of Killaloe, Hagarty and Richards, the Township of Madawaska Valley and the Township of North Algona Wilberforce;
 - b) the Township of Greater Madawaska, except the townships of Bagot and Blythfield; and
 - c) the towns of Deep River and Laurentian Hills.
3. Those parts of the County of Lennox and Addington consisting of,
 - a) the Township of Addington Highlands; and
 - b) the Township of Stone Mills, except the Township of Camden East.
4. Those parts of the County of Hastings consisting of,
 - a) the Town of Bancroft;
 - b) the townships of Carlow/Mayo, Faraday, Limerick and Wollaston;
 - c) the Municipality of Hastings Highlands; and
 - d) the Township of Tudor and Cashel, except the Township of Tudor.
5. Those parts of the County of Peterborough consisting of,
 - a) the Township of Galway-Cavendish-Harvey, except the Township of Harvey;
 - b) the Township of Havelock-Belmont-Methuen, except the Township of Belmont and the Town of Havelock; and
 - c) the Township of North Kawartha.
6. All of the County of Haliburton.
7. Those parts of the Territorial District of Nipissing consisting of,
 - a) the Town of Mattawa;
 - b) the City of North Bay;
 - c) the Municipality of West Nipissing;
 - d) the townships of Bonfield, Calvin, Chisholm, East Ferris, Mattawan, Papineau- Cameron and South Algonquin; and
 - e) the geographical townships of Airy, Anglin, Antoine, Ballantyne, Barron, Biggar, Bishop, Blyth, Boulter, Bower, Boyd, Bronson, Butler, Butt, Canisbay, Charlton, Clancy, Clarkson, Commanda, Deacon, Devine, Dickson, Eddy, Edgar, Finlayson, Fitzgerald, French, Freswick, Garrow, Gladman, Guthrie, Hammell, Hunter, Jocko, Lauder, Lyman, Lister, Lockhart, Master, McCraney, McLaughlin, McLaren, Merrick, Mulock, Niven, Notman, Olig, Osborne, Osler, Paxton, Peck, Pentland, Phelps, Poitras, Preston, Sproule, Stewart, Stratton, Thistle, White and Wilkes

8. All parts of the Territorial District of Parry Sound consisting of,
 - a) the townships of Armour, Carling, Joly, Machar, McKellar, McMurrich/Monteith, Nipissing, Perry, Ryerson, Seguin, Strong and The Archipelago;
 - b) the municipalities of Powassan, Magnetawan, McDougall, Callander and Whitestone;
 - c) the towns of Kearney and Parry Sound;
 - d) the villages of Burk's Falls, South River and Sundridge; and
 - e) the geographical townships of Bethune, Blair, Brown, East Mills, Gurd, Hardy, Harrison, Henvey, Laurier, Lount, McConkey, Mowat, Patterson, Pringle, Proudfoot, Shawanaga, Wallbridge and Wilson.

9. All parts of the Territorial District of Muskoka consisting of,
 - a) the towns of Bracebridge, Gravenhurst and Huntsville;
 - b) the townships of Georgian Bay, Lake of Bays and Muskoka Lakes; and
 - c) the District Municipality of Muskoka.

10. Those parts of the Territorial District of Sudbury consisting of,
 - a) the Municipality of French River, except the geographical townships of Cosby, Delamere and Hoskin;
 - b) the Township of Sables – Spanish River, except the geographical townships of Gough, Hallam, Harrow, May, McKinnon and Shakespeare;
 - c) the Town of Killarney;
 - d) the Municipality of Killarney;
 - e) those parts of the City of Greater Sudbury consisting of the geographical townships of Aylmer, Fraleck, Hutton, MacKelcan, Parkin, Rathburn and Scadding; and
 - f) the geographical townships of Bevin, Caen, Carlyle, Cox, Davis, Dunlop, Halifax, Humboldt, Janes, Kelly, Leinster, McCarthy, Munster, Porter, Roosevelt, Shibananing, Truman, Tyrone and Waldie.

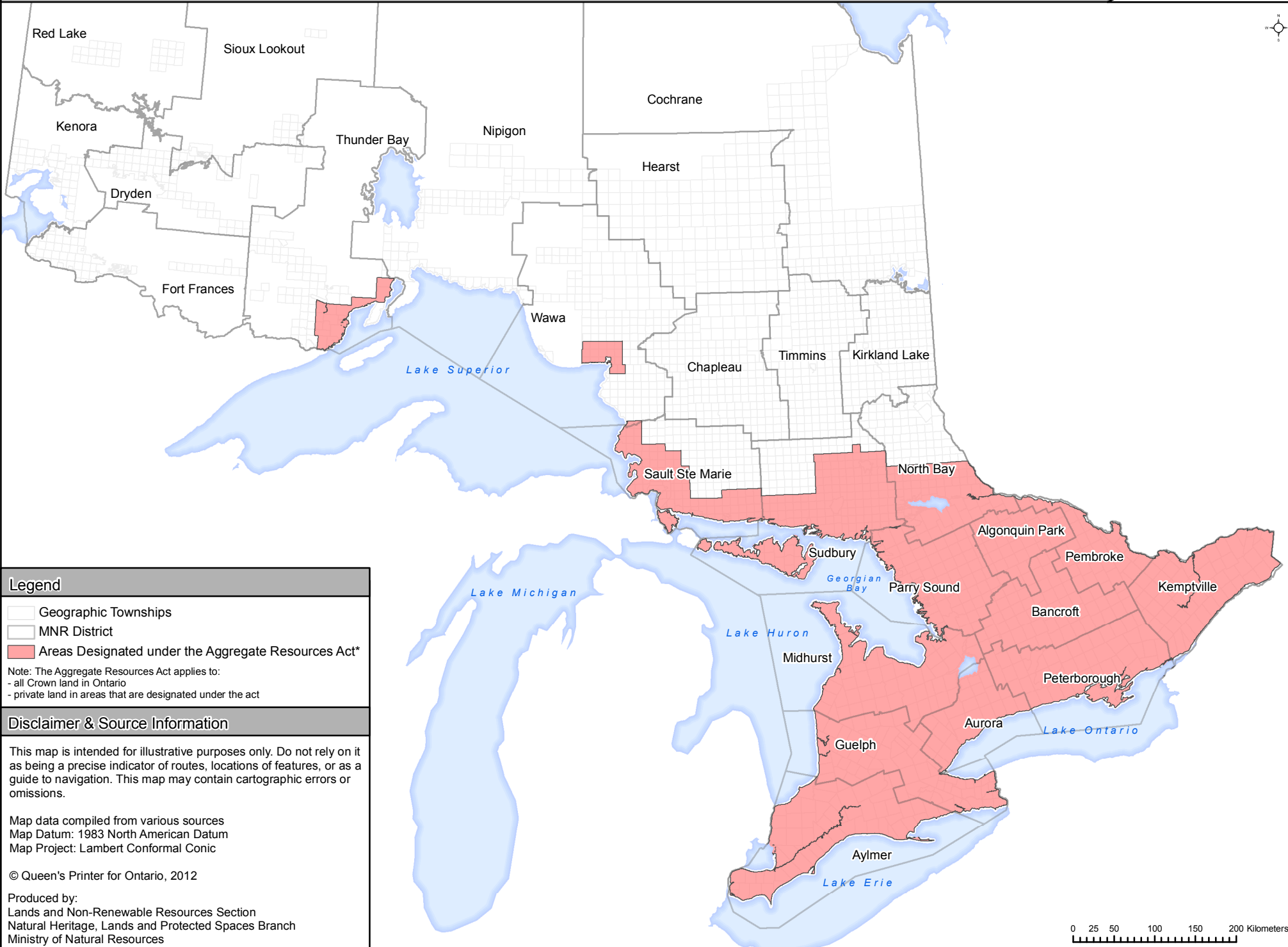
11. All parts of the Territorial District of Manitoulin, except Great LaCloche Island and Little LaCloche Island.

12. Those parts of the Territorial District of Algoma consisting of,
 - a) the towns of Blind River, Bruce Mines and Thessalon;
 - b) the City of Elliot Lake;
 - c) the townships of The North Shore, Plummer Additional and Shedden;
 - d) the Municipality of Huron Shores; and
 - e) the geographical townships of Aberdeen, Boon, Bridgland, Brule, Cadeau, Curtis, Dablon, Daumont, Deagle, Gaiashk, Galbraith, Gerow, Gillmor, Grenoble, Hughes, Hurlburt, Hynes, Kane, Kincaid, Lamming, Laverendrye, Marne, McMahan, Montgomery, Morin, Nicolet, Norberg, Palmer, Parkinson, Patton, Peever, Plummer, Rix, Rose, Ryan, Slater, Smilsky, Wells, Whitman and Wishart.

13. Those parts of the Territorial District of Thunder Bay consisting of,
 - a) the City of Thunder Bay;
 - b) the Municipality of Neebing; and
 - c) the townships of Conmee, Dorion, Gillies, O'Conner, Oliver Paipoonge and Shuniah.

Please refer to the Revised Regulations of Ontario for accuracy.

Areas Designated under the Aggregate Resources Act



Legend

- Geographic Townships
- MNR District
- Areas Designated under the Aggregate Resources Act*

Note: The Aggregate Resources Act applies to:
- all Crown land in Ontario
- private land in areas that are designated under the act

Disclaimer & Source Information

This map is intended for illustrative purposes only. Do not rely on it as being a precise indicator of routes, locations of features, or as a guide to navigation. This map may contain cartographic errors or omissions.

Map data compiled from various sources
Map Datum: 1983 North American Datum
Map Project: Lambert Conformal Conic

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Lands and Non-Renewable Resources Section
Natural Heritage, Lands and Protected Spaces Branch
Ministry of Natural Resources



CANADIAN PORTLAND CEMENT ASSOCIATION* GEOGRAPHIC AREAS

* Now CAC - Cement Association of Canada



Area 1 Southwest	Area 2 Peninsula	Area 3 West Central	Area 4 GTA	Area 5 East Central	Area 6 East	Area 7 Northeast	Area 8 Northwest
Essex	Niagara	Bruce	Metro Toronto	Kawartha Lakes	Prescott & Russell	Nipissing	Algoma
Chatham-Kent	Brant	Grey	Peel	Peterborough	Leeds & Grenville	Parry Sound	Thunder Bay
Lambton	Haldimand	Simcoe	York	Haliburton	Stormont, Dundas, & Glengarry	Timiskaming	Kenora
Elgin	Norfolk	Dufferin	Durham	Northumberland	Frontenac	Cochrane	Rainy River
Middlesex	Hamilton	Wellington	Halton	Hastings	Greater Ottawa	Sudbury District	
Huron		Waterloo		Prince Edward	Lanark	Greater Sudbury	
Perth				Muskoka	Renfrew	Manitoulin	
Oxford					Lennox & Addington		