

Nitrogen Isoleths 2001 - 2002 with AGCC Landbase

1:100,000

Km 2 1 0 2 4 6 8 10 Km

Contour Interval 50 m

- Divided Highway
 - 2 Lane Paved Road
 - 2 Lane Gravel Road
 - 1 Lane Gravel Road
 - Unimproved Road
 - Water Road
 - Truck Trail
 - Unclassified Road
 - Raillines
 - Powerlines
 - Pipelines
- Nitrogen Isoleths**
- Total N 5 2002
 - Total N 10 2002
 - Total N 15 2002
 - Total N 5 2001
 - Total N 10 2001
 - Total N 15 2001

- AGCC Development**
- Development
 - Roads / Trails
 - Clear - cut
 - Dum
 - Black Spruce
 - Pine
 - Coniferous
 - Deciduous
 - Mixedwood
 - Fern
 - SCONG
 - MCONG
 - Bog
 - Water
 - Nat - Non Veg
 - Hg
- 2002 Development Scenario**
- Active Mine
 - Dump
 - Municipality
 - Plant Site
 - Reclaimed Areas
 - Reclamation Material Stockpile
 - SAGD Footprint
 - Tailings Sand Area
 - Tailings Settling Pond

Nitrogen Isoleth area per AGCC Code

2001 Nitrogen Isoleth

AGCC Code	Description	Area 05 (ha)	Area 10 (ha)	Area 15 (ha)
1	Development	746970	551702	642046
2	Roads / Trails	111476	106706	14144
3	Clear - cut	2279	1088	344
4	Dum	200	24	0
5	Black Spruce	466952	29401	42289
6	Pine	279934	26287	7288
7	Coniferous	548403	47752	48311
8	Deciduous	931352	107152	98917
9	Mixedwood	495324	72507	52332
10	Fern	819117	16288	44468
11	SCONG	396425	24191	22510
12	MCONG	88845	15488	4838
13	Bog	1379446	175457	42303
14	Water	260974	41824	38169
15	Nat - Non Veg	1708	1932	1487
16	Hg	26801	2697	938

2002 Nitrogen Isoleth

AGCC Code	Description	Area 05 (ha)	Area 10 (ha)	Area 15 (ha)
1	Development	1918213	298220	478874
2	Roads / Trails	70781	6184	4780
3	Clear - cut	2525	1012	246
4	Dum	200	24	0
5	Black Spruce	336883	33571	27253
6	Pine	309944	9880	10808
7	Coniferous	342946	48404	52115
8	Deciduous	712130	86050	61911
9	Mixedwood	338371	48202	48473
10	Fern	643695	61149	44018
11	SCONG	247136	21130	19343
12	MCONG	88319	6051	7838
13	Bog	603434	60040	63248
14	Water	109020	11120	24097
15	Nat - Non Veg	2002	141	1339
16	Hg	14889	440	1579



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Base Data provided by Spatial Data Warehouse Ltd.

Nitrogen Isoleth data provided by CEMA

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FIGURE 2-14: Model Estimated Nitrogen Deposition Isoleths