

**LEGEND**

- Provincial Highway
- Road
- Existing Railway
- River/Stream
- Lake
- Maximum Modelled Concentrations

**Human Risk Assessment Receptor**

- Community
- Cottage
- Tourism Establishment
- Trapper Cabin
- Mine Site Road
- Access Road (Hardtack / Sawbill)
- Project Transmission Line
- Project Facilities
- Air Local Study Area
- Air Regional Study Area
- Linear Infrastructure Study Area
- Mine Facility Study Area
- NO2 Concentration Contour ( $\mu\text{g}/\text{m}^3$ )

**NO2 24-hr Concentrations ( $\mu\text{g}/\text{m}^3$ )**

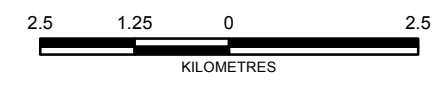
High: 236.25  
 Low: 6.53

**NOTES:**

Maximum Concentration Point ID	Study Area	Averaging Period	Frequency Above Applicable Criteria
L1	Local Study Area	1-hr	0%
L24	Local Study Area	24-hr	0%
LA	Local Study Area	Annual	0/5
R1	Regional Study Area	1-hr	0%
R24	Regional Study Area	24-hr	0%
RA	Regional Study Area	Annual	0/5
BR1	Beyond Regional Study Area	1-hr	0%
BR24	Beyond Regional Study Area	24-hr	0%
BRA	Beyond Regional Study Area	Annual	0/5

**REFERENCE**

Base Data - Provided by OSISKO Hammond Reef Gold Project Ltd  
 Base Data - MNR NRVIS, obtained 2004  
 Produced by Golder Associates Ltd under licence from  
 Ontario Ministry of Natural Resources, © Queens Printer 2008  
 Projection: Transverse Mercator Datum: NAD 83 Coordinate System: UTM Zone 15N



**PROJECT**  
 HAMMOND REEF GOLD PROJECT  
 ATIKOKAN, ONTARIO, CANADA

**TITLE**  
 NO2 24-HR CONCENTRATION ( $\mu\text{g}/\text{m}^3$ ) CONTOURS  
 AND HUMAN HEALTH RECEPTORS

<p>Golder Associates Mississauga, Ontario</p>	PROJECT NO. 13-1118-0010	SCALE AS SHOWN	REV. ION 2
	DESIGN CGE 14 Nov. 2008		
	GIS SC 16 Oct. 2015		
	CHECK NH 16 Oct. 2015		
	REVIEW TRS 16 Oct. 2015	<b>FIGURE: T-12-5</b>	