



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
- PM2.5 Concentration Contour ($\mu\text{g}/\text{m}^3$)

PM2.5 24-hr Concentrations ($\mu\text{g}/\text{m}^3$)

High: 289.45
 Low: 1.50

NOTES:

Maximum Concentration Point ID	Study Area	Averaging Period	Frequency Above Applicable Criteria
L24	Local Study Area	24-hr	21%
LA	Local Study Area	Annual	5/5
LB24	Local Study Area (500m Buffer)	24-hr	2%
LBA	Local Study Area (500m Buffer)	Annual	0/5
R24	Regional Study Area	24-hr	0%
RA	Regional Study Area	Annual	0/5
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

2.5 1.25 0 2.5
 KILOMETRES

PROJECT
 HAMMOND REEF GOLD PROJECT
 ATIKOKAN, ONTARIO, CANADA

TITLE
 PM2.5 24-HR CONCENTRATION ($\mu\text{g}/\text{m}^3$) CONTOURS
 AND HUMAN HEALTH RECEPTORS

PROJECT NO. 1408383		SCALE AS SHOWN	REV. ION 2
DESIGN	CGE	14 Nov. 2008	FIGURE: T-12-4
GIS	SO	14 Oct. 2015	
CHECK	NH	14 Oct. 2015	
REVIEW	TRS	14 Oct. 2015	

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