



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
- PM10 Concentration Contour (µg/m³)

PM10 24-hr Concentrations (µg/m³)

High: 2148.29
 Low: 8.89

NOTES:

Maximum Concentration Point ID	Study Area	Averaging Period	Frequency Above Applicable Criteria
L24	Local Study Area	24-hr	60%
LB24	Local Study Area (500m Buffer)	24-hr	24%
R24	Regional Study Area	24-hr	2%
BR24	Beyond Regional Study Area	24-hr	1%

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
 PM10 24-HR CONCENTRATION (ug/m3) CONTOURS
 AND HUMAN HEALTH RECEPTORS

PROJECT NO. 1408383	SCALE AS SHOWN	REV. ION 2
DESIGN CGE 14 Nov. 2008		
GIS SO 14 Oct. 2015		
CHECK NH 14 Oct. 2015		
REVIEW TRS 14 Oct. 2015		

FIGURE: T-12-3

Golder Associates
 Mississauga, Ontario

G:\Projects\2013\13-1118-0010_Osisko_Hammond_Reef\GIS\MXDs\Reporting\Air_IR\PM10Concentrations.mxd