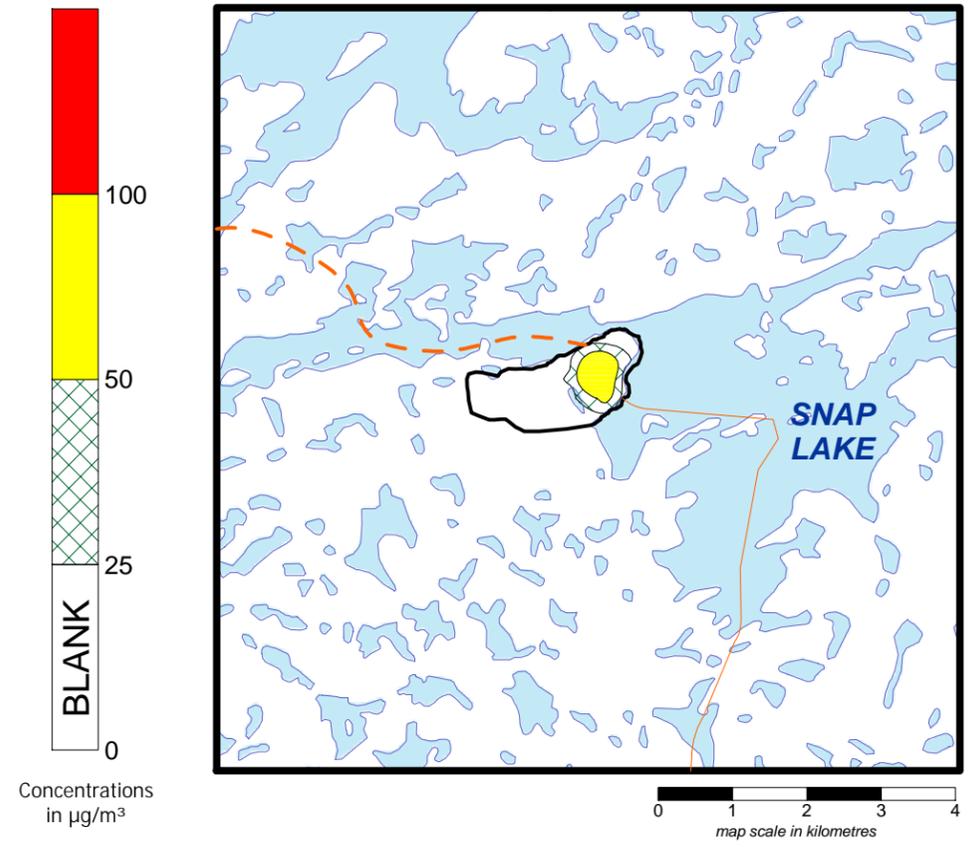


- Indicates the limits of the air quality regional study area.
- Tibbitt-Contwoyto Winter Road
- Winter Access Road
- Esker Access Road
- Indicates the active mine area at the Snap Lake Diamond Project.
- Indicates the limits of the detailed view, shown in the upper right of the page.

Detailed View of the Snap Lake Diamond Mine Site



Parameter	Value	
Assessment Case	Application	
Model	CALPUFF 2-D Mode	
Meteorology	2 Years of On-site Meteorology	
NO <sub>2</sub> Emissions [t/d]	5.684	
Annual NO <sub>2</sub> Criteria [µg/m <sup>3</sup> ]	100	
<i>Prediction</i>	<i>RSA including the active mine area</i>	<i>RSA excluding the active mine area</i>
Maximum Annual NO <sub>x</sub> Concentration [µg/m <sup>3</sup> ]	219.1	27.3
Maximum Annual NO <sub>2</sub> Concentration [µg/m <sup>3</sup> ]	88.8	27.3
Area Greater than Criteria [ha]	0	0

Figure 7.3-12  
Annual Application NO<sub>2</sub> Predictions

