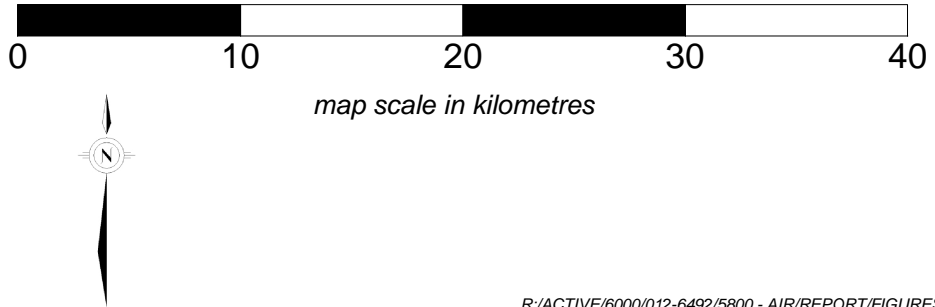
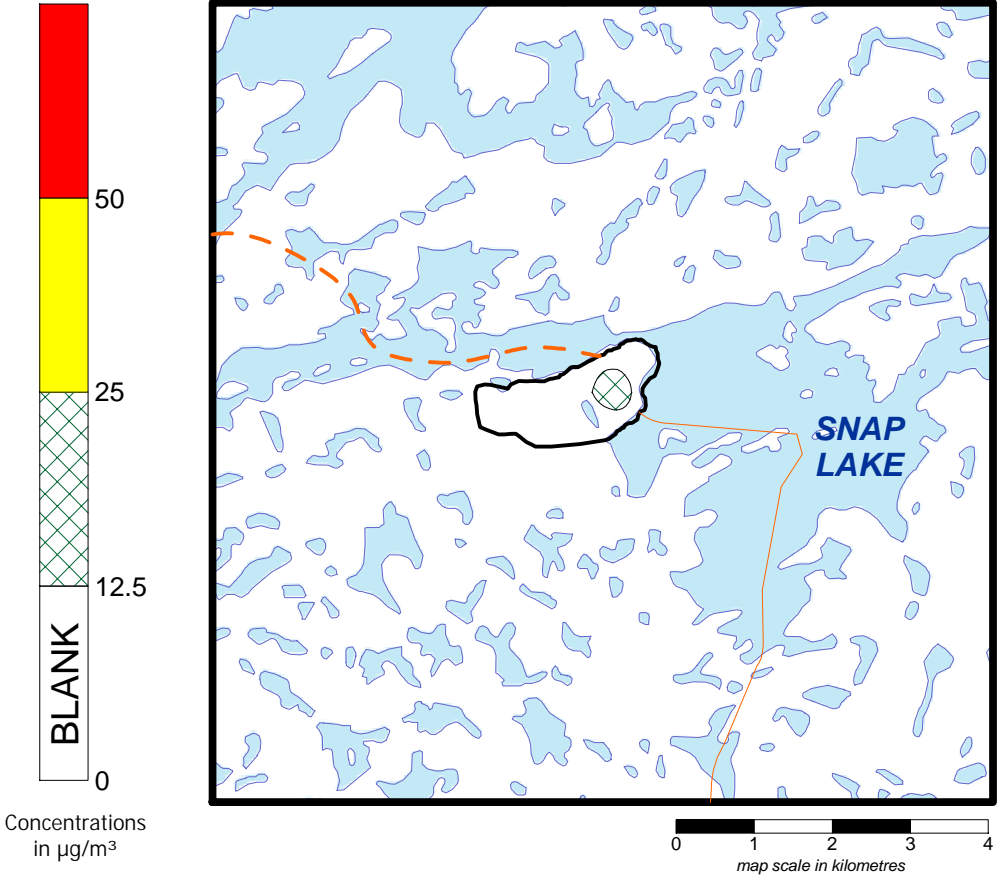


- Indicates the limits of the air quality regional study area.
- Indicates the active mine area at the Snap Lake Diamond Project.
- Indicates the limits of the detailed view, shown in the upper right of the page.
- Tibbitt-Contwoyto Winter Road
- Winter Access Road
- Esker Access Road



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	
PM ₁₀ Emissions [t/d]	0.209	
Annual PM ₁₀ Criteria [$\mu\text{g}/\text{m}^3$]	50	
Prediction	RSA including the active mine area	RSA excluding the active mine area
Maximum Annual PM ₁₀ Concentration [$\mu\text{g}/\text{m}^3$]	27.5	5.1
Area Greater than Criteria [ha]	0	0

Figure 7.3-4
Annual Application PM₁₀ Predictions

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