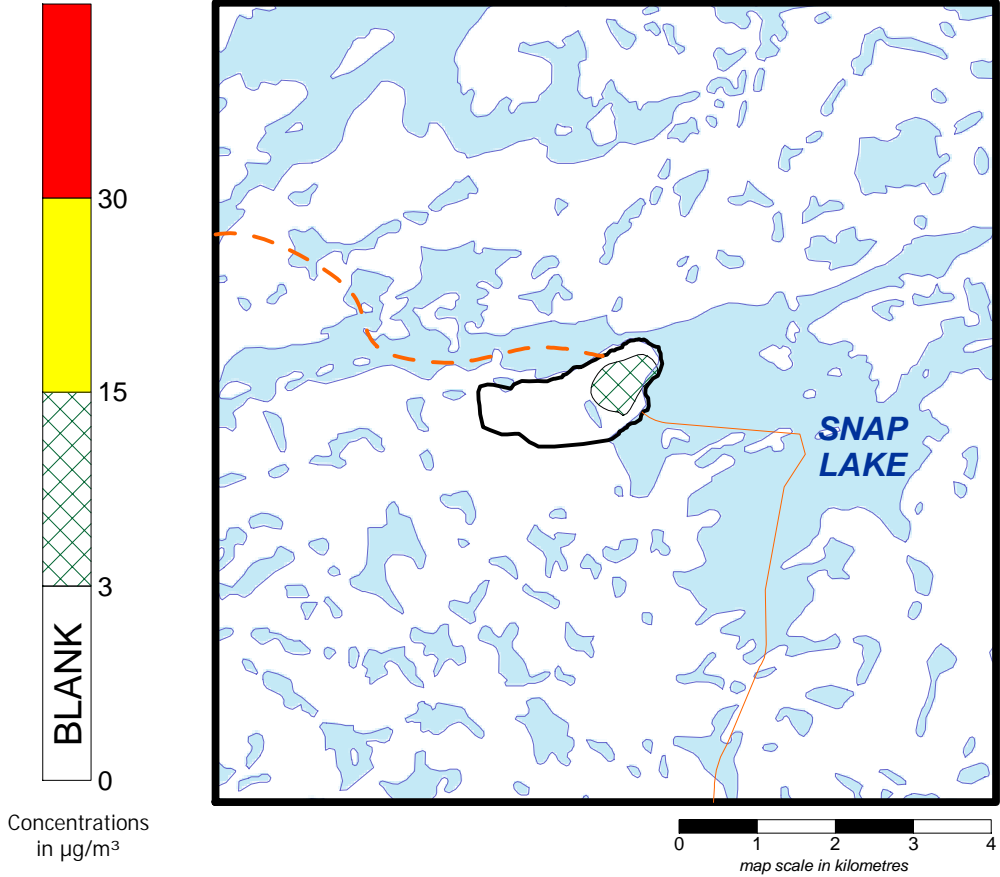


- Indicates the limits of the air quality regional study area.
- Indicates the active mine area at the Snap Lake Diamond Project.
- Indicates the limits of the detailed view, shown in the upper right of the page.
- Tibbitt-Contwoyto Winter Road
- Winter Access Road
- Esker Access Road

0 10 20 30 40
map scale in kilometres



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	
SO ₂ Emissions [t/d]	0.173	
Annual NWT SO ₂ Standard [$\mu\text{g}/\text{m}^3$]	30	
Prediction	RSA including the active mine area	RSA excluding the active mine area
Maximum Annual SO ₂ Concentration [$\mu\text{g}/\text{m}^3$]	11.6	1.6
Area Greater than NWT Standard [ha]	0	0

Figure 7.3-9
Annual Application SO₂ Predictions

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