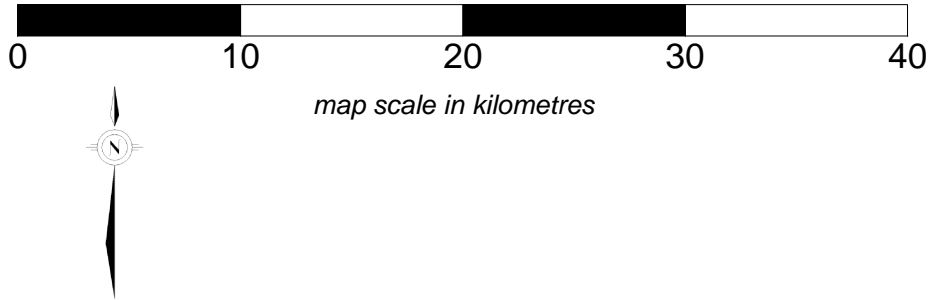
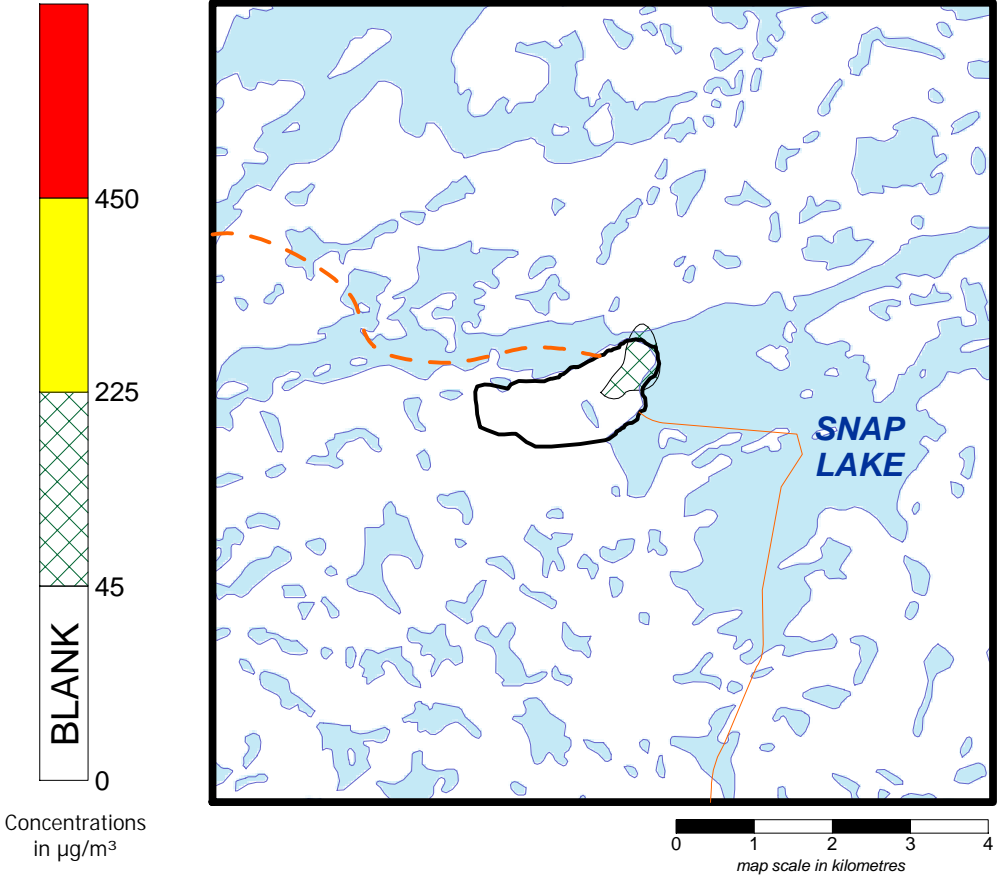


- Indicates the limits of the air quality regional study area.
- Tibbitt-Contwoyto Winter Road
- Winter Access Road
- Esker Access Road
- Indicates the limits of the detailed view, shown in the upper right of the page.
- Indicates the active mine area at the Snap Lake Diamond Project.



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	
1-Hour NWT SO ₂ Standard [µg/m ³]	450	
Prediction	RSA including the active mine area	RSA excluding the active mine area
Maximum 1-Hour SO ₂ Concentration [µg/m ³]	245.0	35.9
Area Greater than NWT Standard [ha]	0	0

Figure 7.3-7
Maximum 1-Hour Application SO₂ Predictions

DE BEERS

