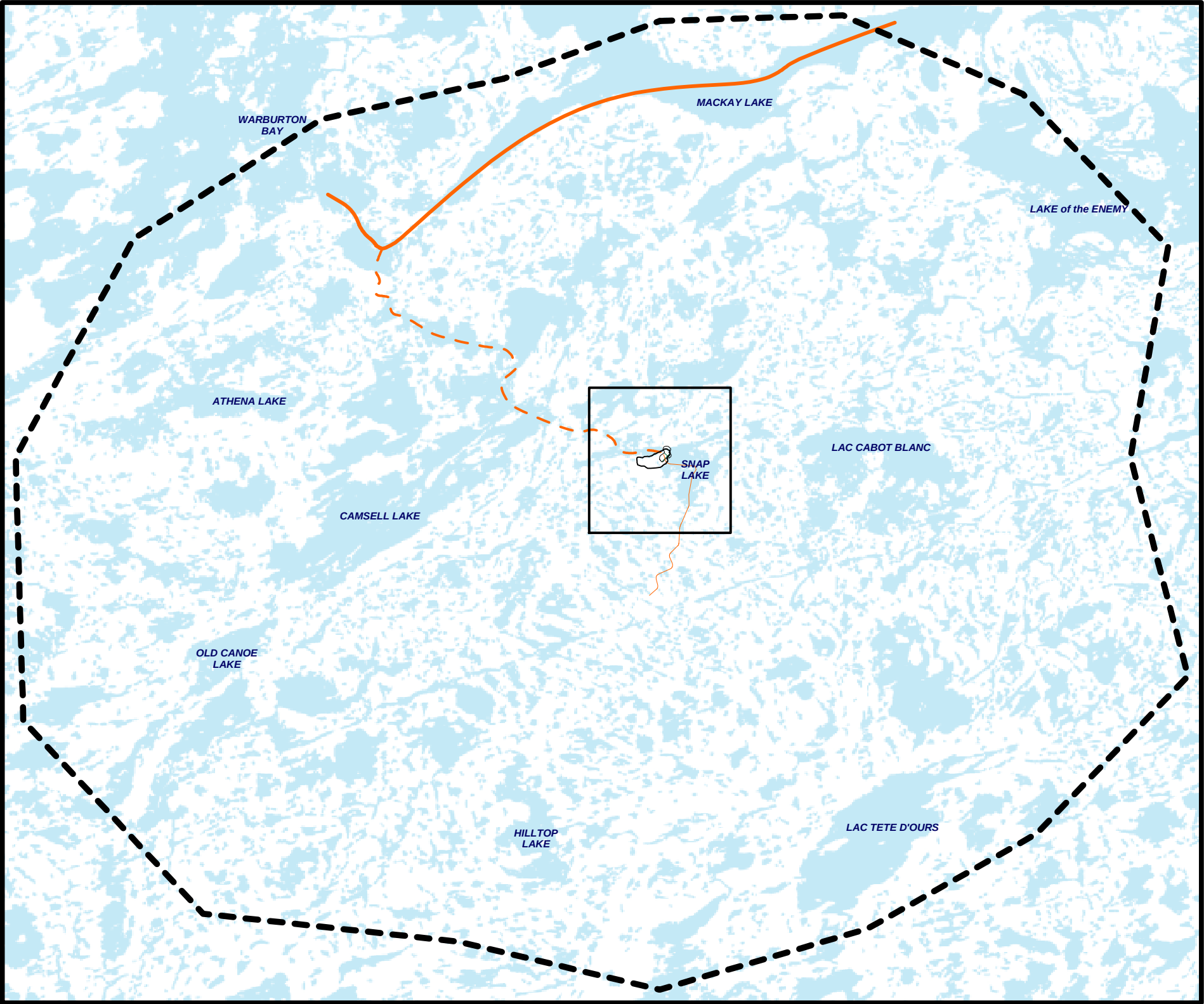
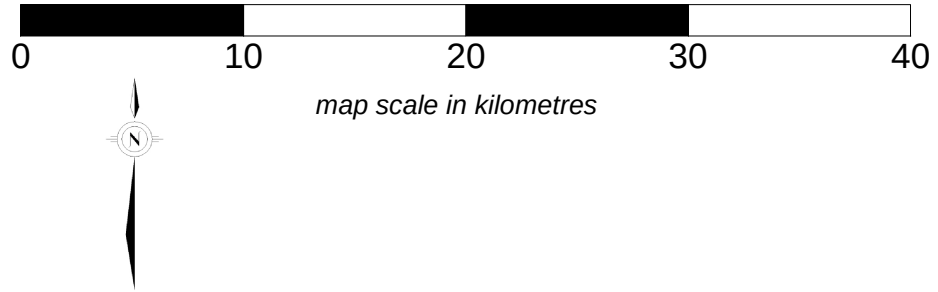
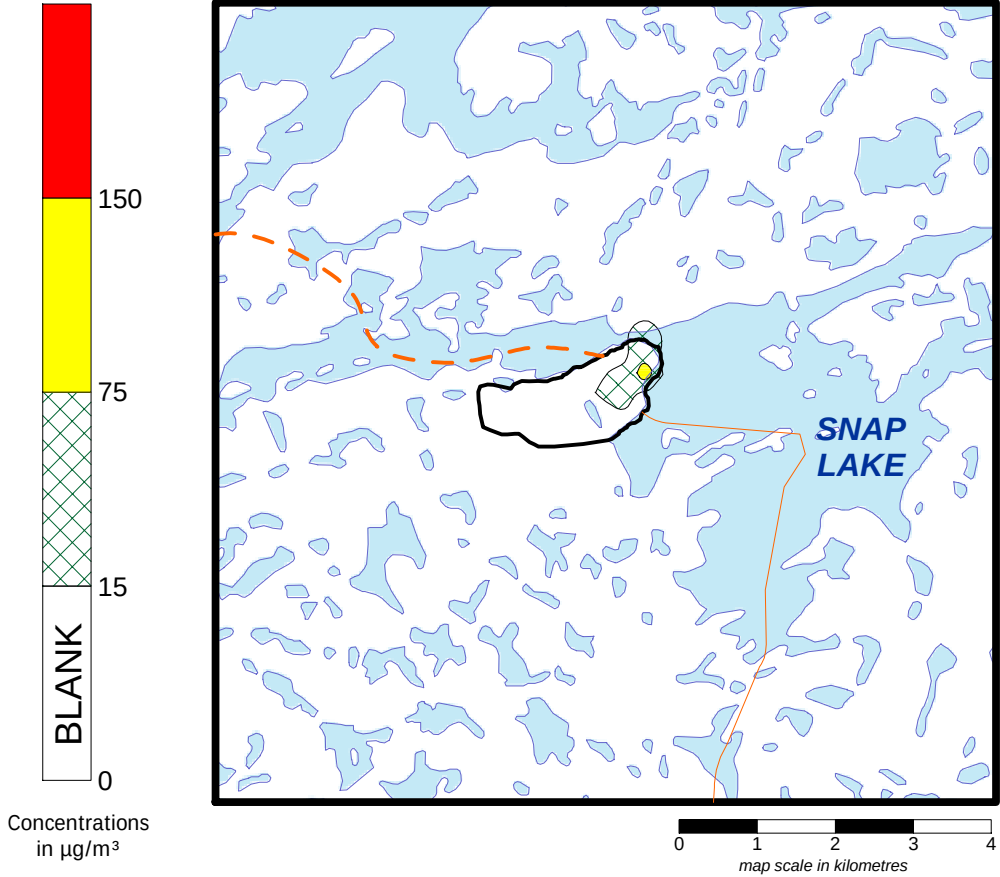




- Indicates the limits of the air quality regional study area.
- Tibbitt-Contwoyto Winter Road
- Winter Access Road
- Esker Access Road
- Indicates the active mine area at the Snap Lake Diamond Project.
- Indicates the limits of the detailed view, shown in the upper right of the page.



Detailed View of the Snap Lake Diamond Project



Parameter	Value	
Assessment Case	CEA	
Model	CALPUFF 2-D Mode	
Meteorology	2 Years of On-site Meteorology	
SO ₂ Emissions [t/d]	2.182	
24-Hour NWT SO ₂ Standard [µg/m ³]	150	
Prediction	RSA including the active mine area	RSA excluding the active mine area
Maximum 24-Hour SO ₂ Concentration [µg/m ³]	129.5	12.2
Area Greater than NWT Standard [ha]	0	0

Figure 12.4-9
Maximum 24-Hour CEA Case SO₂ Predictions

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