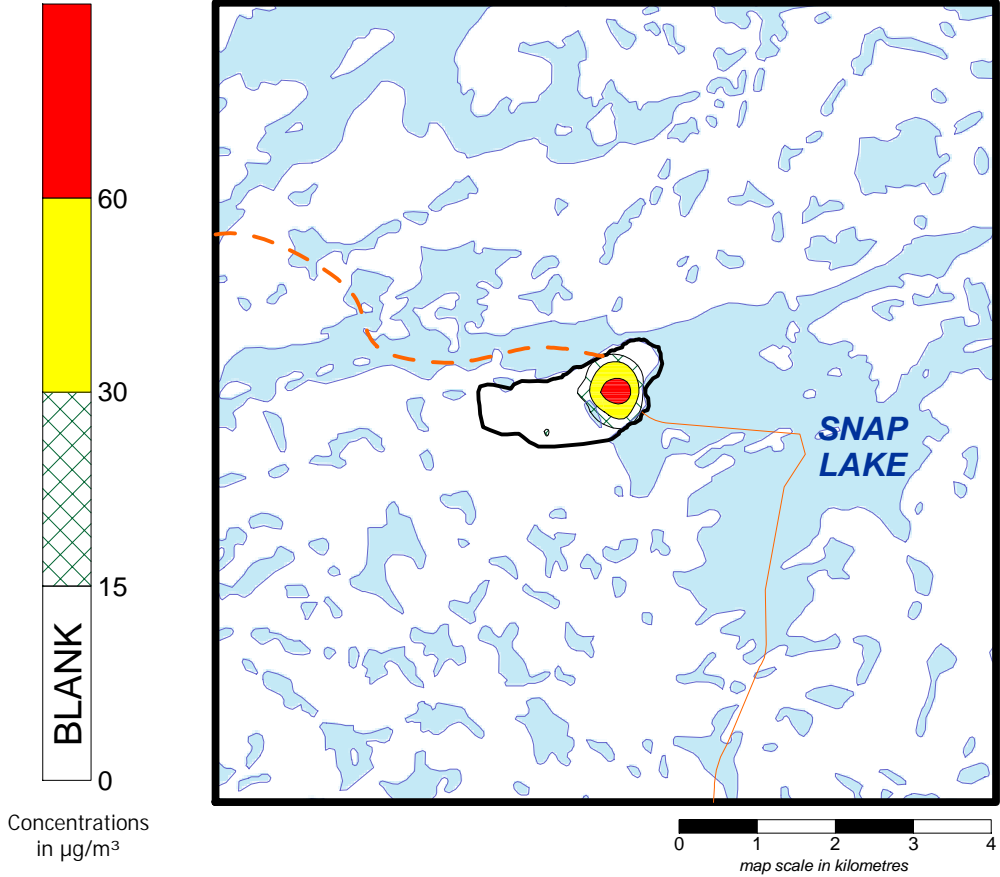


- Indicates the limits of the air quality regional study area.
- Indicates the active mine area at the Snap Lake Diamond Project.
- Indicates the limits of the detailed view, shown in the upper right of the page.
- Tibbitt-Contwoyto Winter Road
- - - Winter Access Road
- Esker Access Road

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	
TSP Emissions [t/d]	0.555	
Annual NWT TSP Standard [$\mu\text{g}/\text{m}^3$]	60	
	<i>RSA including the active mine area</i>	<i>RSA excluding the active mine area</i>
Maximum Annual TSP Concentration [$\mu\text{g}/\text{m}^3$]	101.8	18.0
Area Greater than Standard [ha]	8	0

Figure 7.3-2
Annual Application TSP Predictions

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