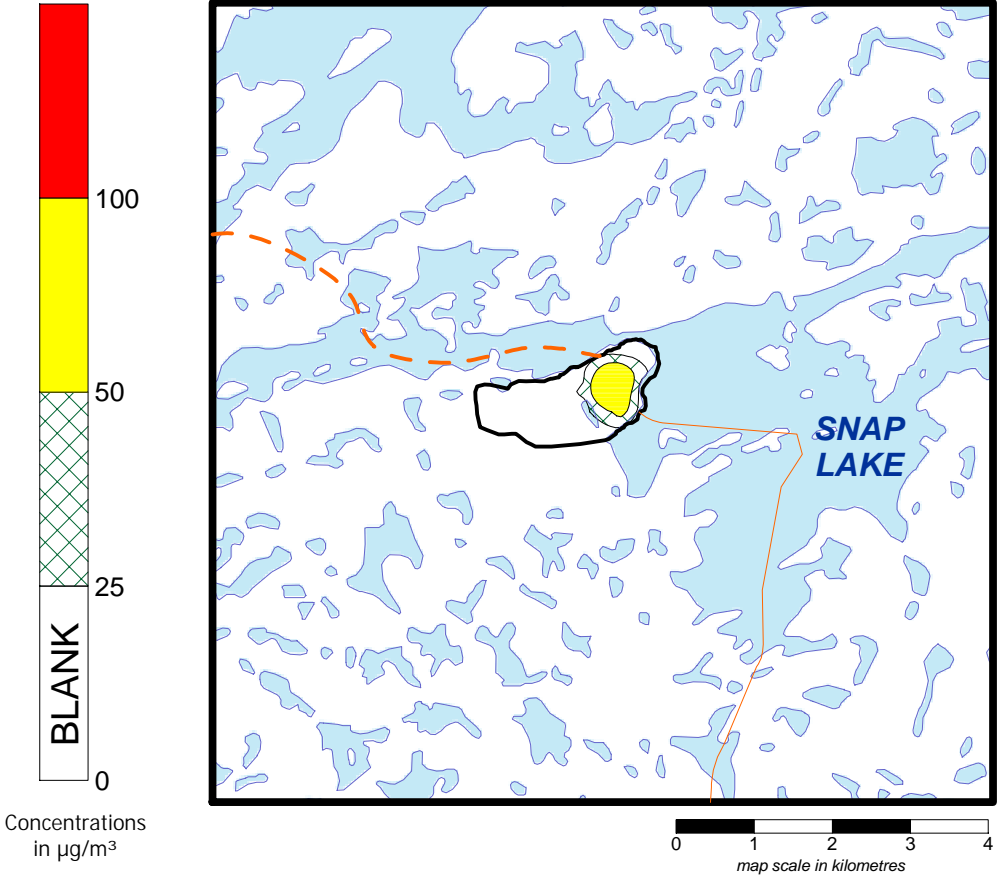


Detailed View of the Snap Lake Diamond Mine Site



Parameter	Value	
Assessment Case	Application	
Model	CALPUFF 2-D Mode	
Meteorology	2 Years of On-site Meteorology	
NO ₂ Emissions [t/d]	5.684	
Annual NO ₂ Criteria [$\mu\text{g}/\text{m}^3$]	100	
Prediction	RSA including the active mine area	RSA excluding the active mine area
Maximum Annual NO _x Concentration [$\mu\text{g}/\text{m}^3$]	219.1	27.3
Maximum Annual NO ₂ Concentration [$\mu\text{g}/\text{m}^3$]	88.8	27.3
Area Greater than Criteria [ha]	0	0

Figure 7.3-12
Annual Application NO₂ Predictions

DE BEERS

