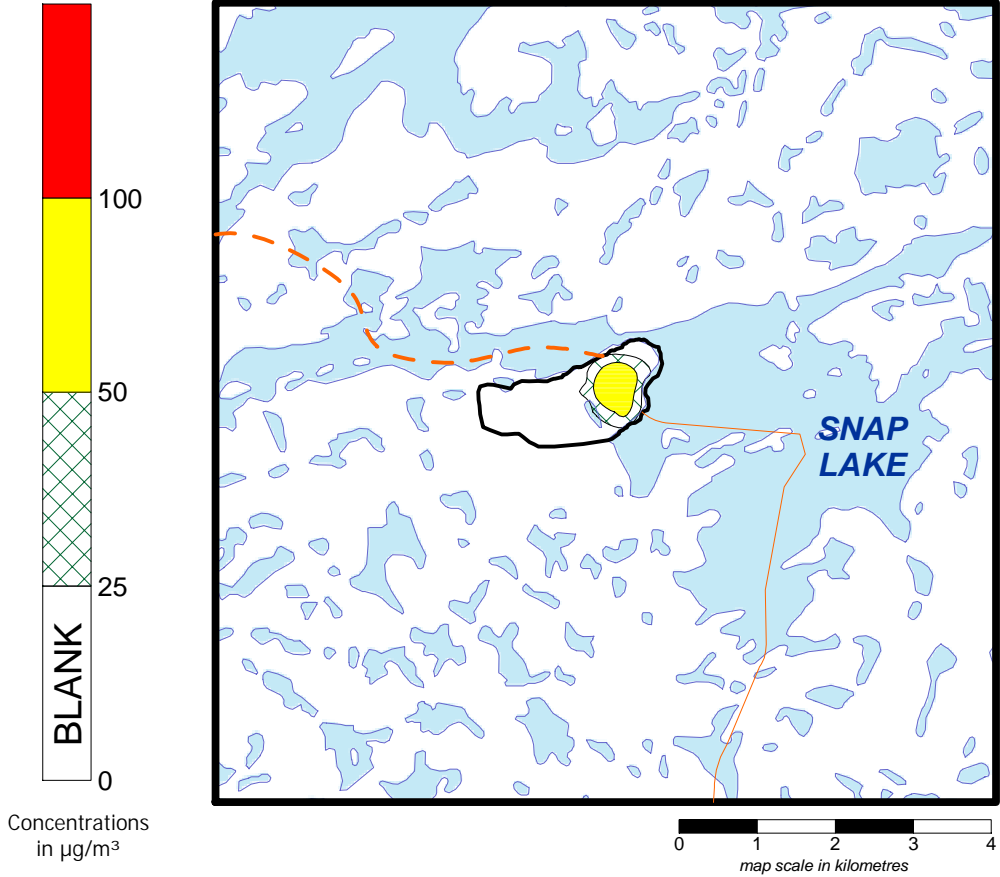


Detailed View of the Snap Lake Diamond Project



Parameter	Value	
Assessment Case	CEA	
Model	CALPUFF 2-D Mode	
Meteorology	2 Years of On-site Meteorology	
NO _x Emissions [t/d]	37.214	
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 [$\mu\text{g}/\text{m}^3$]	219.3	27.5
Maximum Annual NO ₂ Concentration [$\mu\text{g}/\text{m}^3$]	88.9	27.5
Area Greater than Criteria [ha]	0	0

Figure 12.4-13
Annual CEA Case NO₂ Predictions

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