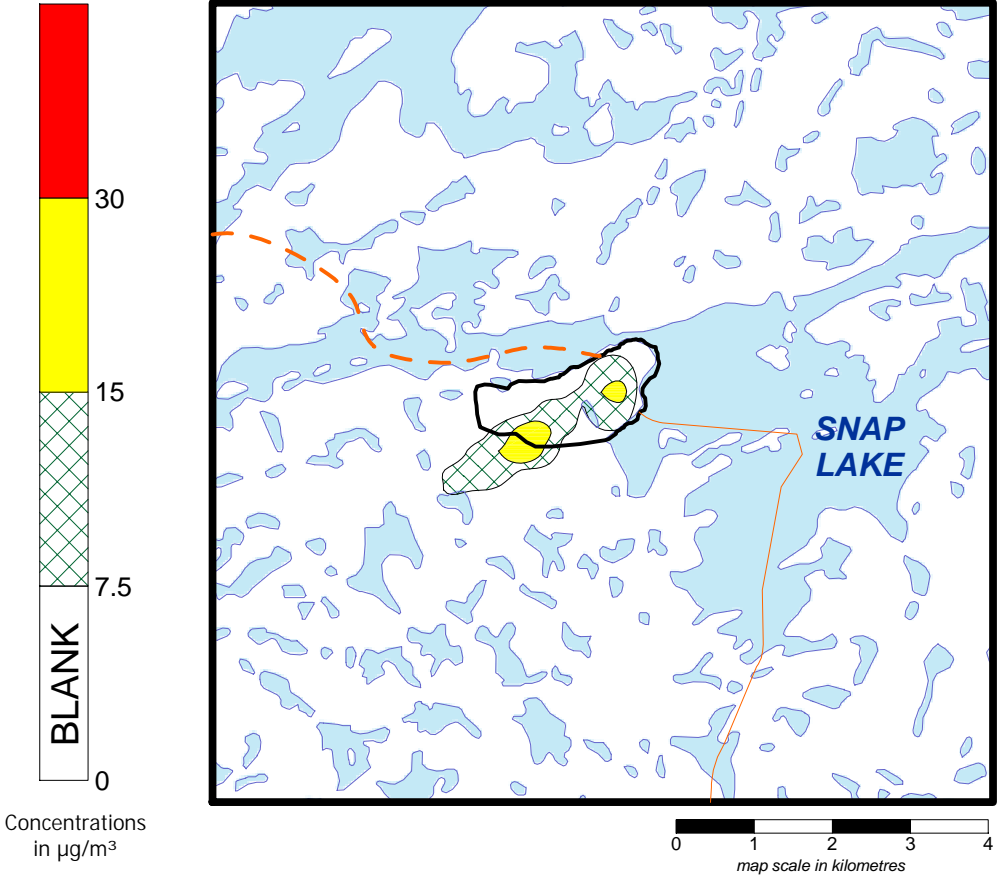


Detailed View of the Snap Lake Diamond Mine Site



Parameter	Value	
Assessment Case	Application	
Model	CALPUFF 2-D Mode	
Meteorology	2 Years of On-site Meteorology	
PM _{2.5} Emissions [t/d]	0.113	
24-Hour PM _{2.5} Criteria [$\mu\text{g}/\text{m}^3$]	30	
Prediction	RSA including the active mine area	RSA excluding the active mine area
Maximum 24-Hour PM _{2.5} Concentration [$\mu\text{g}/\text{m}^3$]	42.1	16.1
Area Greater than Criteria [ha]	<1	0

Figure 7.3-5
Maximum 24-Hour Application PM_{2.5} Predictions

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