

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_034
Date: 25-Aug-18
Blast Time: 11:42
Blast Sign Activation: 7:35
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SE
Temperature: 22 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}		L_{peak} dB
Comfort Inn:	52.2 LAeq	103.2	dB
Edwards:	49.7 LAeq	97.4	dB
Fred:	42.3 LAeq	92.1	dB
Hollinger Office:	55.2 LAeq	111.8	dB
Noah:	59.8 LAeq	103.5	dB
Sandy:	46.3 LAeq	108.4	dB
Water Tower:	48.8 LAeq	113.5	dB
Wilson:	53.1 LAeq	100.4	dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.4	15.0	26.6	28.1
Edwards:	10.0	10.5	37.1	38.5
Hollinger Office:	22.2	24.2	42.2	46.5
Sandy:	9.4	14.1	30.5	48.3

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.3	1.6
Edwards:	1.1	1.9
Hollinger Office:	7.4	22.3
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.2	0.2	0.3
Imerys:	0.8	0.6	1.0
Noah:	0.8	0.5	0.8
Moneta Pumping Station:	0.6	0.3	0.7
Sandy:	0.8	0.4	0.6
Water Tower:	0.8	0.3	0.6
Wilson:	1.1	0.8	1.3