

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_058
Date: 24-Jul-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	10000	m
Boundary Layer Height:	none	m
Cloud Cover:	0%	Clear
Wind Speed:	9	km/hr
Wind Direction:	NE	
Temperature:	20.6	°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:	55.1 LAeq	92.9 dB
Edwards:	54.5 LAeq	99.3 dB
Fred:	44.3 LAeq	106.3 dB
Hollinger Office:	55.3 LAeq	103.5 dB
Noah:	60.1 LAeq	105.0 dB
Sandy:	44.9 LAeq	111.3 dB
Water Tower:	53.6 LAeq	109.0 dB
Wilson:	50.1 LAeq	111.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.0	3.8	0.0	0.0
Edwards:	3.1	3.5	7.4	8.5
Hollinger Office:	6.5	12.4	9.5	35.2
Sandy:	25.9	40.5	23.1	40.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.2	0.3
Edwards:	1.0	1.3
Hollinger Office:	2.5	10.2
Sandy:	6.6	14.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	2.0	1.4	2.1
Imerys:	0.7	0.4	0.6
Noah:	0.4	0.4	0.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.6	0.5	0.6
Water Tower:	1.0	0.5	1.5
Wilson:	3.4	2.4	3.1