

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_120
Date: 31-Jul-17
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	5182	m
Boundary Layer Height:	none	m
Cloud Cover:	0%	Clear
Wind Speed:	5	km/hr
Wind Direction:	NE	
Temperature:	24.9	°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:	57.8 LAeq	99.7 dB
Edwards:	47.6 LAeq	96.3 dB
Fred:	43.3 LAeq	91.6 dB
Hollinger Office:	55.9 LAeq	99.6 dB
Noah:	62.6 LAeq	97.6 dB
Sandy:	53.1 LAeq	106.1 dB
Water Tower:	58.4 LAeq	109.7 dB
Wilson:	47.0 LAeq	98.8 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:	9.0	9.7	12.8	15.5
Edwards:	3.4	4.1	20.2	22.9
Hollinger Office:	8.5	11.3	22.7	33.9
Sandy:	19.4	62.2	44.7	116.6

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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:	0.6	1.3
Edwards:	1.3	1.9
Hollinger Office:	2.1	3.5
Sandy:	3.1	6.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.4	0.3	0.4
Imerys:	1.0	1.3	1.1
Noah:	0.8	0.6	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.2
Water Tower:	3.7	2.3	4.3
Wilson:	1.1	0.6	0.8