

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_000
Date: 27-Jul-17
Blast Time: 15:41
Blast Sign Activation: 7:40
Website Notification Time: 7:25

Blast Conditions

Ceiling Height:	9144	m
Boundary Layer Height:	none	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	18	km/hr
Wind Direction:	NNW	
Temperature:	22.1	°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:	57.1 LAeq	103.2 dB
Edwards:	50.6 LAeq	105.3 dB
Fred:	47.8 LAeq	109.4 dB
Hollinger Office:	57.1 LAeq	110.0 dB
Noah:	61.3 LAeq	106.9 dB
Sandy:	49.0 LAeq	113.6 dB
Water Tower:	56.4 LAeq	116.1 dB
Wilson:	52.1 LAeq	110.4 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:	3.9	5.5	3.1	5.2
Edwards:	3.6	4.3	9.2	14.2
Hollinger Office:	5.7	6.6	8.1	16.7
Sandy:	18.1	34.4	19.6	42.4

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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:	0.3	0.4
Edwards:	1.0	1.6
Hollinger Office:	2.5	3.9
Sandy:	6.9	15.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.5	1.1
Hollinger West:	0.3	0.2	0.3
Imerys:	0.9	0.5	0.5
Noah:	1.5	0.8	0.8
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.3	0.3	0.4
Water Tower:	0.9	0.4	0.9
Wilson:	1.3	0.7	1.0