

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_031
Date: 26-Jul-17
Blast Time: 15:39
Blast Sign Activation: 8:05
Website Notification Time: 7:50

Blast Conditions

Ceiling Height:	762	m
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast
Wind Speed:	13	km/hr
Wind Direction:	SSW	
Temperature:	20.4	°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:	55.5 LAeq	104.7 dB
Edwards:	51.6 LAeq	110.5 dB
Fred:	48.1 LAeq	107.9 dB
Hollinger Office:	54.9 LAeq	111.5 dB
Noah:	60.3 LAeq	110.4 dB
Sandy:	51.2 LAeq	111.6 dB
Water Tower:	56.5 LAeq	115.8 dB
Wilson:	52.1 LAeq	108.6 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:	5.6	5.8	14.8	17.2
Edwards:	5.6	6.2	14.0	16.4
Hollinger Office:	18.3	23.2	15.3	19.6
Sandy:	8.8	16.8	12.3	22.7

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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:	1.4	2.9
Edwards:	2.6	4.6
Hollinger Office:	3.2	6.0
Sandy:	1.2	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.4	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.5	0.2
Moneta Pumping Station:	2.9	2.2	4.5
Sandy:	2.4	1.4	2.9
Water Tower:	0.4	0.3	0.5
Wilson:	0.6	0.5	0.5