

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_014, 3358_118
Date: 23-Jul-17
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	6705	m
Boundary Layer Height:	none	m
Cloud Cover:	0%	Clear
Wind Speed:	9	km/hr
Wind Direction:	E	
Temperature:	14.1	°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:	52.6 LAeq	100.3 dB
Edwards:	44.8 LAeq	97.0 dB
Fred:	42.9 LAeq	92.0 dB
Hollinger Office:	54.8 LAeq	105.4 dB
Noah:	58.6 LAeq	108.4 dB
Sandy:	41.8 LAeq	107.7 dB
Water Tower:	49.9 LAeq	115.6 dB
Wilson:	44.5 LAeq	107.1 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:	3.1	3.8	0.3	1.5
Edwards:	5.1	5.8	7.6	9.6
Hollinger Office:	8.1	8.7	6.2	9.7
Sandy:	30.9	79.3	31.4	89.9

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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	0.5
Edwards:	0.7	1.5
Hollinger Office:	1.1	1.5
Sandy:	10.2	31.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.9	0.4	0.9
Imerys:	1.0	0.9	0.8
Noah:	0.4	0.8	0.7
Moneta Pumping Station:	1.6	0.8	1.1
Sandy:	0.8	0.5	1.1
Water Tower:	2.9	1.9	2.4
Wilson:	0.8	1.0	0.8