

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_015
Date: 21-Jul-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	9144	m
Boundary Layer Height:	none	m
Cloud Cover:	0%	Clear
Wind Speed:	6	km/hr
Wind Direction:	NW	
Temperature:	23.2	°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:	55.8 LAeq	108.2 dB
Edwards:	51.1 LAeq	99.0 dB
Fred:	47.6 LAeq	113.2 dB
Hollinger Office:	57.7 LAeq	111.5 dB
Noah:	61.0 LAeq	105.5 dB
Sandy:	47.8 LAeq	106.4 dB
Water Tower:	55.6 LAeq	116.4 dB
Wilson:	48.6 LAeq	105.7 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:	6.6	10.1	6.7	11.5
Edwards:	5.4	7.2	14.9	19.5
Hollinger Office:	10.7	13.2	13.7	20.8
Sandy:	7.7	12.3	18.8	31.6

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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	0.9
Edwards:	1.2	1.6
Hollinger Office:	2.0	2.9
Sandy:	1.1	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	2.0	0.3	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.7	0.2
Moneta Pumping Station:	2.3	1.0	1.7
Sandy:	1.3	0.8	1.4
Water Tower:	0.4	0.2	0.4
Wilson:	0.9	0.9	0.7