

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_226 & 3370_163
Date: 1-Dec-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9.8 km/hr
Wind Direction: S
Temperature: -6.2 °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:	51.9 LAeq	105.6 dB
Edwards:	48.8 LAeq	104.6 dB
Fred:	44.8 LAeq	104.0 dB
Hollinger Office:	61.2 LAeq	113.9 dB
Noah:	60.6 LAeq	107.4 dB
Sandy:	47.4 LAeq	112.9 dB
Water Tower:	52.7 LAeq	114.0 dB
Wilson:	49.8 LAeq	105.9 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	4.2	0.9	3.6
Edwards:	1.4	1.5	1.1	1.1
Hollinger Office:	3.6	4.8	4.9	7.9
Sandy:	3.1	4.1	2.2	3.6

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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:	0.5	2.2
Edwards:	2.0	3.3
Hollinger Office:	7.9	30.1
Sandy:	1.6	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.7	1.0
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.6	0.4	0.5
Hollinger West:	0.5	0.3	0.6
Imerys:	0.3	0.2	0.3
Noah:	0.7	0.3	0.5
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	3.0	1.5	2.2
Water Tower:	0.4	0.2	0.2
Wilson:	1.1	0.7	1.1