

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_069
Date: 11-Dec-17
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 21000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: -18.0 °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:	49.9 LAeq	102.2 dB
Edwards:	41.4 LAeq	100.1 dB
Fred:	43.5 LAeq	97.1 dB
Hollinger Office:	57.3 LAeq	106.5 dB
Noah:	58.8 LAeq	104.9 dB
Sandy:	47.4 LAeq	116.3 dB
Water Tower:	46.5 LAeq	113.7 dB
Wilson:	49.0 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:	4.2	13.3	8.2	16.7
Edwards:	1.4	3.5	1.9	3.1
Hollinger Office:	4.7	36.3	3.0	11.2
Sandy:	2.7	3.6	0.4	1.0

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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:	2.5	6.6
Edwards:	1.8	4.2
Hollinger Office:	10.5	20.2
Sandy:	6.8	11.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.0
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	5.3	2.6	4.4
Imerys:	1.1	1.7	1.1
Noah:	1.0	1.3	1.5
Moneta Pumping Station:	0.3	0.3	0.6
Sandy:	0.6	0.5	0.7
Water Tower:	1.6	2.1	1.9
Wilson:	3.7	2.2	2.9