

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_064
Date: 5-Feb-17
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 670.56 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 16.6 km/hr
Wind Direction: SSE
Temperature: -12.8 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.5 LAeq	112.4 dB
Edwards:	48.0 LAeq	105.6 dB
Fred:	46.3 LAeq	110.8 dB
Hollinger Office:	65.0 LAeq	111.6 dB
Noah:	57.5 LAeq	111.2 dB
Sandy:	56.3 LAeq	112.5 dB
Water Tower:	52.5 LAeq	114.0 dB
Wilson:	65.9 LAeq	119.8 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	7.2	2.2	5.9
Edwards:	6.0	17.7	3.0	6.6
Hollinger Office:	14.0	17.7	5.5	11.6
Hollinger Park:	8.9	10.9	3.6	6.3
Sandy:	18.3	41.3	10.1	18.1

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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:	0.3	0.9
Edwards:	1.1	2.3
Hollinger Office:	2.8	7.1
Hollinger Park:	4.0	10.2
Sandy:	6.8	15.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.2	0.3	0.4
Hollinger West:	0.2	0.1	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.8	0.3	0.4
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.4	0.7	0.6
Water Tower:	0.3	0.3	0.4
Wilson:	1.0	0.7	1.0