

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_072
Date: 1-Feb-17
Blast Time: 11:37
Blast Sign Activation: 7:48
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 548 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8.6 km/hr
Wind Direction: SE
Temperature: -14.5 °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:	54.0 LAeq	107.8 dB
Edwards:	50.0 LAeq	95.2 dB
Fred:	44.2 LAeq	106.2 dB
Hollinger Office:	60.9 LAeq	110.2 dB
Noah:	59.3 LAeq	105.8 dB
Sandy:	54.9 LAeq	111.3 dB
Water Tower:	47.4 LAeq	115.8 dB
Wilson:	49.8 LAeq	107.3 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:	5.0	8.0	0.3	1.8
Edwards:	3.2	4.0	2.7	3.8
Hollinger Office:	16.1	20.8	6.3	13.5
Hollinger Park:	10.1	13.2	4.4	8.0
Sandy:	14.6	29.0	7.9	15.1

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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:	1.6	2.5
Hollinger Office:	7.6	17.6
Hollinger Park:	6.4	9.2
Sandy:	10.5	39.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.6	0.3	0.4
Imerys:	0.7	0.7	0.6
Noah:	1.0	0.9	0.8
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	1.0	0.9	0.8
Water Tower:	0.6	1.3	0.8
Wilson:	1.3	1.3	1.9