

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_116 & 3364_060E P/S
Date: 17-Mar-16
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 410 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 14 km/hr
Wind Direction: NE
Temperature: -1.4 °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:	60.1 LAeq	109.2 dB
Edwards:	47.7 LAeq	104.1 dB
Fred:	41.4 LAeq	98.4 dB
Hollinger Office:	60.8 LAeq	121.0 dB
Noah:	60.5 LAeq	110.7 dB
Sandy:	58.8 LAeq	117.7 dB
Water Tower:	50.7 LAeq	119.8 dB
Wilson:	51.7 LAeq	109.8 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:	5.1	5.3	0.1	0.5
Edwards:	2.0	2.2	4.9	6.3
Hollinger Office:	2.9	3.2	6.7	7.7
Hollinger Park:	8.6	9.9	3.6	4.6
Sandy:	6.0	13.5	4.9	18.8

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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:	0.7	1.3
Edwards:	2.3	3.3
Hollinger Office:	8.1	38.6
Hollinger Park:	1.3	2.3
Sandy:	7.7	17.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.6	0.5	0.6
Hollinger West:	1.7	0.2	0.3
Imerys:	0.4	0.4	0.5
Noah:	0.9	0.3	1.1
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	1.0	1.1	1.2
Water Tower:	0.3	0.3	0.4
Wilson:	0.9	0.5	0.8