

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_086
Date: 19-Apr-17
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4267 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: NE
Temperature: 3.2 °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:	59.0 LAeq	104.9 dB
Edwards:	56.0 LAeq	105.2 dB
Fred:	49.6 LAeq	109.1 dB
Hollinger Office:	57.7 LAeq	110.2 dB
Noah:	63.9 LAeq	112.0 dB
Sandy:	54.4 LAeq	117.8 dB
Water Tower:	65.5 LAeq	119.3 dB
Wilson:	53.7 LAeq	112.8 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:	6.4	7.4	8.0	8.9
Edwards:	6.0	7.3	7.4	11.5
Hollinger Office:	7.8	9.4	19.3	27.4
Hollinger Park:	9.9	18.1	21.3	38.8
Sandy:	13.2	20.1	14.6	21.6

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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:	2.9	3.5
Edwards:	0.6	1.3
Hollinger Office:	5.3	12.1
Hollinger Park:	5.7	12.5
Sandy:	8.0	12.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.4
Hollinger West:	0.8	0.4	0.6
Imerys:	1.6	1.9	1.4
Noah:	0.2	0.1	0.2
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.3	0.6	0.3
Water Tower:	0.0	0.0	0.0
Wilson:	1.8	1.4	1.2