

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_220
Date: 6-Apr-17
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 4877 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 18 km/hr
Wind Direction: N
Temperature: 1.9 °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:	57.4 LAeq	114.1 dB
Edwards:	54.2 LAeq	113.3 dB
Fred:	49.8 LAeq	113.7 dB
Hollinger Office:	57.7 LAeq	113.2 dB
Noah:	61.5 LAeq	115.2 dB
Sandy:	56.9 LAeq	113.6 dB
Water Tower:	54.0 LAeq	113.2 dB
Wilson:	55.0 LAeq	117.8 dB

Dust Levels ($1 \mu\text{g}/\text{m}^3/\text{hr}$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.8	5.2	6.1
Edwards:	23.9	40.5	29.5	47.9
Hollinger Office:	54.3	74.5	57.6	79.4
Hollinger Park:	24.1	29.6	25.7	34.3
Sandy:	8.5	17.9	10.9	27.1

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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:	2.7	3.1
Edwards:	0.5	1.0
Hollinger Office:	4.1	21.6
Hollinger Park:	0.8	1.1
Sandy:	4.2	11.7

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:	0.0	0.1	0.1
Hollinger Office:	1.8	1.3	1.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.0	0.0	0.0
Noah:	1.3	1.1	1.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.1
Water Tower:	1.7	1.6	1.8
Wilson:	0.6	0.3	0.4