

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_048 & 3364_207 Pre Shear A/C
Date: 6-Jan-17
Blast Time: 13:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 549 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: -19 °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:	49.5 LAeq	117.0 dB
Edwards:	48.4 LAeq	111.8 dB
Fred:	42.6 LAeq	102.3 dB
Hollinger Office:	50.9 LAeq	122.3 dB
Noah:	57.7 LAeq	103.7 dB
Sandy:	52.9 LAeq	110.7 dB
Water Tower:	61.2 LAeq	113.5 dB
Wilson:	65.3 LAeq	113.1 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:	4.3	4.9	1.9	2.3
Edwards:	8.8	20.4	4.4	6.1
Hollinger Office:	8.1	11.8	1.9	8.6
Hollinger Park:	5.6	9.7	4.3	5.8
Sandy:	6.1	8.9	4.9	13.4

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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:	3.1	4.1
Edwards:	3.8	5.1
Hollinger Office:	0.0	0.0
Hollinger Park:	9.4	15.2
Sandy:	10.3	29.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	2.3	1.3	2.4
Hollinger West:	3.7	2.1	3.3
Imerys:	0.8	1.5	1.4
Noah:	1.9	1.6	2.3
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.5	0.7	0.4
Water Tower:	2.5	3.4	2.6
Wilson:	3.1	1.7	2.0