

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_097
Date: 18-Oct-15
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: N
Temperature: -3.6 °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:	54.5 LAeq	96.5 dB
Edwards:	52.9 LAeq	96.2 dB
Fred:	42.7 LAeq	91.8 dB
Hollinger Office:	56.0 LAeq	97.0 dB
Noah:	60.8 LAeq	96.1 dB
Sandy:	57.1 LAeq	105.8 dB
Water Tower:	61.3 LAeq	101.3 dB
Wilson:	44.3 LAeq	96.1 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:	2.6	2.8	5.6	5.9
Edwards:	2.1	2.5	12.2	12.8
Hollinger Office:	0.3	1.7	0.1	1.0
Hollinger Park:	8.5	9.1	1.7	2.2
Sandy:	4.0	7.7	1.9	10.5

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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:	0.4	1.0
Edwards:	0.6	0.9
Hollinger Office:	3.0	7.2
Hollinger Park:	2.1	3.3
Sandy:	1.3	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.1
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.1	0.1
Noah:	0.2	0.1	0.3
Moneta Pumping Station:	1.4	0.4	1.1
Sandy:	2.7	1.5	1.7
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.3	0.4