

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_135
Date: 25-Nov-17
Blast Time: 11:52
Blast Sign Activation: 7:50
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 1200 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -7.5 °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:	55.1 LAeq	113.0 dB
Edwards:	49.2 LAeq	102.9 dB
Fred:	47.7 LAeq	110.5 dB
Hollinger Office:	56.5 LAeq	111.6 dB
Noah:	60.2 LAeq	112.2 dB
Sandy:	44.5 LAeq	113.2 dB
Water Tower:	55.6 LAeq	123.6 dB
Wilson:	49.8 LAeq	114.5 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:	4.7	5.2	0.7	2.1
Edwards:	5.1	5.4	5.5	6.8
Hollinger Office:	4.0	4.5	3.1	4.6
Sandy:	6.1	7.8	3.8	7.6

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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:	0.7	0.9
Edwards:	0.9	1.4
Hollinger Office:	3.1	9.7
Sandy:	1.7	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.6	2.0
Hollinger West:	0.2	0.3	0.4
Imerys:	2.5	2.1	2.4
Noah:	3.0	1.7	2.7
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.3	0.3	0.4
Water Tower:	1.7	0.8	2.0
Wilson:	1.3	1.0	1.5