

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_165
Date: 23-Sep-16
Blast Time: 15:49
Blast Sign Activation: 11:46
Website Notification Time: 8:17

Blast Conditions

Ceiling Height: 1219 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 4.2 km/hr
Wind Direction: SE
Temperature: 14.5 °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:	56.0 LAeq	105.2 dB
Edwards:	63.5 LAeq	100.7 dB
Fred:	43.6 LAeq	97.7 dB
Hollinger Office:	68.9 LAeq	110.2 dB
Noah:	61.6 LAeq	104.9 dB
Sandy:	50.9 LAeq	107.9 dB
Water Tower:	49.9 LAeq	121.6 dB
Wilson:	48.9 LAeq	104.6 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:	1.0	1.5	0.0	0.0
Edwards:	16.6	17.2	0.0	0.0
Hollinger Office:	4.8	8.1	6.4	8.4
Hollinger Park:	9.8	20.4	12.7	31.4
Sandy:	3.6	4.0	1.3	2.3

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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:	0.3	0.9
Edwards:	0.1	0.5
Hollinger Office:	0.6	0.8
Hollinger Park:	2.1	4.9
Sandy:	0.6	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Water Tower Exceedance (15.9mm/s). Under investigation.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	6.8	1.1	3.6
Hollinger West:	0.5	0.2	0.4
Imerys:	9.5	9.6	9.3
Noah:	4.5	2.2	3.7
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.4	0.6	0.3
Water Tower:	8.7	3.0	15.9
Wilson:	1.2	1.9	1.3