

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_068
Date: 05-Nov-15
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1350 m
Boundary Layer Height: None m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 12.5 km/hr
Wind Direction: SSW
Temperature: 16.4 °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:	54.8 LAeq	110.3 dB
Edwards:	55.4 LAeq	110.9 dB
Fred:	47.1 LAeq	110.7 dB
Hollinger Office:	66.3 LAeq	116.7 dB
Noah:	61.3 LAeq	112.8 dB
Sandy:	56.9 LAeq	114.8 dB
Water Tower:	54.7 LAeq	115.6 dB
Wilson:	53.2 LAeq	118.3 dB

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

Dust Alert: TSP Malfunction at Claimpost.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.9	21.5	26193.3	26259.7
Edwards:	16.5	20.5	26.9	45.1
Hollinger Office:	9.4	10.5	27.6	32.8
Hollinger Park:	23.1	26.8	36.7	47.9
Sandy:	6.9	19.4	25.2	26.8

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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:	1.9	3.7
Edwards:	0.7	3.9
Hollinger Office:	3.5	8.4
Hollinger Park:	5.5	7.3
Sandy:	1.3	7.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Vibration Exceedance at Sandy (15.1 mm/s)

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.2	0.4
Imerys:	2.6	1.8	1.8
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	3.3	2.1	3.7
Sandy:	7.5	15.1	8.2
Water Tower:	0.5	0.2	0.6
Wilson:	0.7	0.7	0.9