

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_044
Date: 30-Jul-15
Blast Time: 11:37
Blast Sign Activation: 6:45
Website Notification Time: 6:30

Blast Conditions

Ceiling Height: 792 m
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 20.4 °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:	57.0 LAeq	110.7 dB
Edwards:	59.2 LAeq	111.4 dB
Fred:	49.5 LAeq	109.1 dB
Hollinger Office:	65.0 LAeq	111.8 dB
Noah:	66.0 LAeq	110.6 dB
Sandy:	56.1 LAeq	115.1 dB
Water Tower:	56.6 LAeq	121.4 dB
Wilson:	53.3 LAeq	110.2 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:	6.4	10.7	7.7	18.9
Edwards:	44.6	77.3	59.6	107.3
Hollinger Office:	79.5	131.3	70.6	117.3
Hollinger Park:	13.6	16.8	15.4	26.9
Sandy:	7.8	9.5	16.1	22.9

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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:	1.5	2.1
Edwards:	13.0	21.4
Hollinger Office:	13.7	18.1
Hollinger Park:	2.5	4.0
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.4	0.4
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	2.9	1.9	2.6
Water Tower:	2.2	0.6	2.1
Wilson:	1.0	0.8	0.7