

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_100
Date: 30 June 2016
Blast Time: 11:38
Blast Sign Activation: 9:00
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: 4877 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: 20.8 °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:	53.9 LAeq	103.0 dB
Edwards:	64.1 LAeq	97.3 dB
Fred:	46.0 LAeq	99.7 dB
Hollinger Office:	63.7 LAeq	108.7 dB
Noah:	61.8 LAeq	101.6 dB
Sandy:	60.5 LAeq	101.4 dB
Water Tower:	50.0 LAeq	106.7 dB
Wilson:	48.9 LAeq	100.4 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.0	8.3	10.3
Edwards:	19.3	34.0	37.3	71.9
Hollinger Office:	35.7	72.3	37.4	79.0
Hollinger Park:	13.9	18.0	26.9	41.9
Sandy:	12.5	16.0	21.4	26.1

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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	2.5
Edwards:	3.5	11.0
Hollinger Office:	4.1	7.9
Hollinger Park:	1.6	6.0
Sandy:	0.7	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.4	0.6
Hollinger West:	0.3	0.2	0.3
Imerys:	0.7	0.5	0.6
Noah:	0.8	0.7	0.7
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.4	0.6	0.5
Water Tower:	0.4	0.3	0.5
Wilson:	1.1	0.8	1.9