

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_087
Date: 31-Mar-17
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: NE
Temperature: 4.6 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	55.2 LAeq	108.3 dB
Edwards:	46.9 LAeq	100.3 dB
Fred:	42.8 LAeq	96.0 dB
Hollinger Office:	54.0 LAeq	112.0 dB
Noah:	60.8 LAeq	111.0 dB
Sandy:	50.3 LAeq	107.5 dB
Water Tower:	61.4 LAeq	119.1 dB
Wilson:	52.7 LAeq	103.1 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:	7.8	9.2	6.7	8.9
Edwards:	24.3	33.8	30.0	46.0
Hollinger Office:	20.6	29.1	31.0	49.9
Hollinger Park:	15.8	23.2	25.6	48.9
Sandy:	19.0	126.7	13.2	57.8

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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:	3.1	4.6
Edwards:	0.6	0.8
Hollinger Office:	3.2	4.5
Hollinger Park:	2.4	3.4
Sandy:	10.4	38.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.4	0.2
Moneta Pumping Station:	0.9	0.6	0.8
Sandy:	1.7	1.4	1.4
Water Tower:	0.3	0.3	0.3
Wilson:	0.8	0.7	0.8