

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_058
Date: 12-Jan-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 731 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: -17.8 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	48.2 LAeq	103.7 dB
Edwards:	50.7 LAeq	93.5 dB
Fred:	40.5 LAeq	90.4 dB
Hollinger Office:	LAeq	dB
Noah:	57.1 LAeq	100.1 dB
Sandy:	54.6 LAeq	105.6 dB
Water Tower:	44.9 LAeq	103.9 dB
Wilson:	43.2 LAeq	96.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	6.0	2.9	4.9
Edwards:	3.8	5.3	3.2	4.1
Hollinger Office:	7.4	9.0	3.7	4.3
Hollinger Park:	4.3	4.8	2.0	4.3
Sandy:	4.5	7.0	5.2	12.6

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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:	5.3	8.1
Edwards:	7.1	10.1
Hollinger Office:	13.2	18.6
Hollinger Park:	6.8	11.5
Sandy:	20.7	43.0

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	0.3	0.2
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	1.7	0.2	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	1.9	1.8	1.7
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.4	1.0