

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_045
Date: 13-Jan-16
Blast Time: 11:35
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 2865 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 8.2 km/hr
Wind Direction: N
Temperature: -23.5 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	50.2 LAeq	100.0 dB
Edwards:	61.0 LAeq	93.6 dB
Fred:	39.1 LAeq	95.7 dB
Hollinger Office:	LAeq	dB
Noah:	56.9 LAeq	100.3 dB
Sandy:	50.0 LAeq	102.6 dB
Water Tower:	43.9 LAeq	112.4 dB
Wilson:	48.3 LAeq	97.2 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:	4.0	4.6	2.4	3.2
Edwards:	2.4	6.5	8.3	29.6
Hollinger Office:	2.5	2.8	2.7	3.9
Hollinger Park:	1.9	2.4	0.2	1.1
Sandy:	1.6	4.4	2.7	9.3

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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	4.0
Edwards:	4.9	13.6
Hollinger Office:	2.1	3.0
Hollinger Park:	5.0	16.4
Sandy:	5.0	13.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.4	0.2
Noah:	0.4	0.2	0.5
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	1.2	1.0	0.7
Water Tower:	0.4	0.3	0.4
Wilson:	0.8	0.4	0.9