

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_100/160
Date: 26-Feb-16
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: -12.9 °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:	61.9 LAeq	98.4 dB
Edwards:	42.8 LAeq	93.5 dB
Fred:	47.7 LAeq	95.0 dB
Hollinger Office:	64.5 LAeq	100.1 dB
Noah:	56.8 LAeq	96.7 dB
Sandy:	47.8 LAeq	104.4 dB
Water Tower:	46.2 LAeq	102.1 dB
Wilson:	53.0 LAeq	100.2 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:	4.4	5.7	1.5	2.7
Edwards:	1.8	2.4	6.2	11.0
Hollinger Office:	4.0	6.9	13.0	25.0
Hollinger Park:	3.8	5.5	22.3	37.5
Sandy:	2.5	3.1	3.8	4.8

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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:	2.3	5.7
Edwards:	12.7	22.1
Hollinger Office:	7.7	13.9
Hollinger Park:	4.3	9.3
Sandy:	1.9	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.4	0.4	0.3
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	2.0	0.1	0.0
Imerys:	0.0	0.0	0.0
Noah:	0.6	0.3	0.4
Moneta Pumping Station:	1.0	0.6	0.6
Sandy:	1.0	1.0	1.7
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.8	1.0