

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_123
Date: 25-Jan-16
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 457 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -5.1 °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:	50.2 LAeq	96.9 dB
Edwards:	53.6 LAeq	94.9 dB
Fred:	57.8 LAeq	111.0 dB
Hollinger Office:	59.5 LAeq	104.8 dB
Noah:	57.9 LAeq	98.9 dB
Sandy:	50.9 LAeq	110.9 dB
Water Tower:	46.0 LAeq	104.3 dB
Wilson:	52.2 LAeq	100.8 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:	9.6	10.3	8.0	9.1
Edwards:	4.0	4.2	11.2	12.6
Hollinger Office:	5.0	7.5	15.1	38.4
Hollinger Park:	4.4	4.9	10.6	11.7
Sandy:	6.9	7.6	8.4	10.0

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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:	1.1	1.9
Edwards:	2.6	4.2
Hollinger Office:	15.2	24.1
Hollinger Park:	1.8	4.3
Sandy:	2.3	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.9	0.2	0.4
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.7	0.3
Moneta Pumping Station:	2.3	1.8	1.5
Sandy:	1.4	1.2	0.9
Water Tower:	0.3	0.3	0.3
Wilson:	0.7	0.4	0.7