

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_102
Date: 23-Mar-16
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: NE
Temperature: -1.3 °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:	52.3 LAeq	96.0 dB
Edwards:	47.7 LAeq	95.6 dB
Fred:	39.3 LAeq	91.4 dB
Hollinger Office:	59.3 LAeq	98.9 dB
Noah:	59.3 LAeq	97.5 dB
Sandy:	62.6 LAeq	111.6 dB
Water Tower:	45.9 LAeq	98.8 dB
Wilson:	44.4 LAeq	100.6 dB

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

Dust Alert: No Exceedances

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	10.3	9.3	10.4
Edwards:	15.7	18.5	14.7	19.4
Hollinger Office:	38.7	107.4	30.2	66.0
Hollinger Park:	30.1	37.6	23.7	31.1
Sandy:	22.2	40.5	20.9	52.1

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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:	0.8	1.4
Edwards:	1.7	2.7
Hollinger Office:	4.2	8.9
Hollinger Park:	2.5	4.1
Sandy:	4.8	10.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.3	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	2.1	1.7	1.8
Sandy:	1.5	1.6	1.6
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.8	0.8