

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_038/3370_031
Date: 03-Jan-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1140 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 14 km/hr
Wind Direction: N
Temperature: -20.7 °C

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

Noise Alert: Exceedances due blast sirens.

Blast Siren Locations:

1: Hollinger Office

2: Shania Twain

3: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	63.9 LAeq	106.0 dB
Edwards:	51.2 LAeq	98.9 dB
Fred:	39.2 LAeq	98.7 dB
Hollinger Office:	56.2 LAeq	110.2 dB
Noah:	59.8 LAeq	102.0 dB
Sandy:	55.3 LAeq	106.2 dB
Water Tower:	LAeq	dB
Wilson:	43.8 LAeq	100.1 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	26.6	27.0	25.6	26.1
Edwards:	19.9	22.1	38.4	40.0
Hollinger Office:	24.3	26.8	32.1	32.6
Hollinger Park:	15.3	16.1	36.9	38.9
Sandy:	41.6	61.5	40.3	51.8

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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:	0.6	1.4
Edwards:	1.8	2.2
Hollinger Office:	2.9	4.0
Hollinger Park:	2.6	3.8
Sandy:	5.6	7.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.2	0.3	0.1
Hollinger Office:	1.9	1.3	1.1
Hollinger West:	1.9	0.1	0.1
Imerys:	1.2	3.5	1.5
Noah:	1.7	2.1	1.5
Moneta Pumping Station:	0.3	0.2	0.5
Sandy:	1.8	1.1	1.3
Water Tower:	1.3	1.3	1.2
Wilson:	1.4	0.4	1.3