

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_066
Date: 28-Dec-15
Blast Time: 11:32
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 7467 m
Boundary Layer Height: None m
Cloud Cover: 0% Clear
Wind Speed: 2.2 km/hr
Wind Direction: SW
Temperature: 3.1 °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: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.1 LAeq	100.6 dB
Edwards:	40.3 LAeq	96.2 dB
Fred:	38.9 LAeq	100.0 dB
Hollinger Office:	58.7 LAeq	100.2 dB
Noah:	58.8 LAeq	98.4 dB
Sandy:	49.3 LAeq	111.5 dB
Water Tower:	LAeq	dB
Wilson:	42.9 LAeq	96.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	9.3	6.6	8.2
Edwards:	3.6	4.4	8.6	10.2
Hollinger Office:	7.8	9.6	7.8	8.9
Hollinger Park:	2.3	2.7	8.7	12.6
Sandy:	5.1	7.5	9.3	15.1

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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:	5.4	11.7
Edwards:	4.9	7.3
Hollinger Office:	7.3	8.8
Hollinger Park:	6.1	8.6
Sandy:	8.7	13.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	1.7	0.3	0.4
Imerys:	0.3	0.3	0.3
Noah:	0.6	0.2	0.5
Moneta Pumping Station:	0.5	0.5	0.8
Sandy:	3.1	2.7	3.6
Water Tower:	0.4	0.2	0.4
Wilson:	1.4	1	1.4