

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_062
Date: 23-May-19
Blast Time: 15:38
Blast Sign Activation: 7:39
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 3200 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: 13.3 °C

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

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.1 LAeq	102.2 dB
Edwards:	47.3 LAeq	100.9 dB
Fred:	45.3 LAeq	93.8 dB
Hollinger Office:	56.8 LAeq	106.9 dB
Noah:	63.5 LAeq	100.7 dB
Sandy:	48.4 LAeq	105.3 dB
Water Tower:	53.5 LAeq	112.9 dB
Wilson:	50.9 LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.6	17.5	17.4	19.3
Edwards:	8.5	9.2	13.8	16.5
Hollinger Office:	9.5	22.3	22.8	62.3
Sandy:	6.6	6.9	11.8	13.8

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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:	6.3	18.6
Edwards:	2.6	5.0
Hollinger Office:	25.2	126.0
Sandy:	2.3	5.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.5	0.3	0.4
Imerys:	1.1	0.9	1.4
Noah:	1.0	0.6	1.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.3	0.9
Water Tower:	2.9	1.5	3.0
Wilson:	0.9	0.8	1.2