

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_166
Date: 9-Nov-17
Blast Time: 11:36
Blast Sign Activation: 7:55
Website Notification Time: 8:20

Blast Conditions

Ceiling Height:	800	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast (snow)
Wind Speed:	18.4	km/hr
Wind Direction:	N	
Temperature:	-10.9	°C

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

Noise Alert: Noise Exceedances due to Blast Sirens

Blast Siren Locations:

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

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.8 LAeq	117.8 dB
Edwards:	52.9 LAeq	106.3 dB
Fred:	45.1 LAeq	111.5 dB
Hollinger Office:	56.1 LAeq	114.4 dB
Noah:	60.9 LAeq	107.8 dB
Sandy:	44.2 LAeq	115.0 dB
Water Tower:	50.6 LAeq	115.7 dB
Wilson:	49.0 LAeq	112.7 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	10.4	12.0	24.1
Edwards:	19.4	30.7	13.3	26.8
Hollinger Office:	77.9	128.6	15.9	21.8
Sandy:	33.5	71.9	18.2	39.5

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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:	0.4	0.6
Edwards:	2.2	3.6
Hollinger Office:	10.0	18.3
Sandy:	5.6	7.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.6	0.8	1.6
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.2	0.1
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.1	0.3
Wilson:	0.5	0.3	0.3