

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_071/064B
Date: 22-Mar-16
Blast Time: 15:46
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	100	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	9	km/hr
Wind Direction:	NW	
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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.2 LAeq	106.1 dB
Edwards:	57.4 LAeq	93.9 dB
Fred:	42.3 LAeq	104.8 dB
Hollinger Office:	57.2 LAeq	105.6 dB
Noah:	60.6 LAeq	100.6 dB
Sandy:	42.4 LAeq	106.6 dB
Water Tower:	47.5 LAeq	114.1 dB
Wilson:	44.8 LAeq	103.0 dB

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

Dust Alert: High Dust value at GC1-379, no exceedance at 24hrs

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.4	16.0	17.9	20.9
Edwards:	25.2	31.2	27.4	39.8
Hollinger Office:	41.4	53.7	39.2	56.8
Hollinger Park:	63.0	83.5	81.1	125.6
Sandy:	17.9	20.7	18.0	23.0

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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:	1.1	1.4
Edwards:	1.5	1.8
Hollinger Office:	3.2	4.3
Hollinger Park:	4.5	5.5
Sandy:	1.6	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	1.7	0.2	0.3
Imerys:	0.5	0.5	0.5
Noah:	0.5	0.3	0.7
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.6	0.5	0.4
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	0.8	0.8