

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_085/086
Date: 10-Apr-16
Blast Time: 11:36
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	120	m
Cloud Cover:	100%	Overcast
Wind Speed:	10	km/hr
Wind Direction:	S	
Temperature:	-4	°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:	50.5 LAeq	105.5 dB
Edwards:	50.9 LAeq	100.0 dB
Fred:	45.8 LAeq	101.6 dB
Hollinger Office:	68.7 LAeq	108.0 dB
Noah:	57.8 LAeq	104.7 dB
Sandy:	62.6 LAeq	112.0 dB
Water Tower:	45.4 LAeq	107.3 dB
Wilson:	47.2 LAeq	103.0 dB

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

Dust Alert: High Dust levels at Claimpost, exceedance recorded and being investigated.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	58.4	140.8	125.9	329.8
Edwards:	15.4	20.2	14.1	21.9
Hollinger Office:	40.6	142.2	38.7	154.5
Hollinger Park:	7.0	9.3	8.7	30.9
Sandy:	5.6	7.4	9.6	18.9

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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:	3.4	8.9
Edwards:	2.0	4.6
Hollinger Office:	12.8	59.2
Hollinger Park:	0.4	1.0
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:		data to be updated	
Edwards:	0.1	0.2	0.2
Hollinger Office:		data to be updated	
Hollinger West:	1.7	0.2	0.3
Imerys:	0.2	0.2	0.1
Noah:		data to be updated	
Moneta Pumping Station:		data to be updated	
Sandy:	1.1	1.8	2.1
Water Tower:		data to be updated	
Wilson:	0.8	0.6	0.7