

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_080B
Date: 8-Aug-15
Blast Time: 11:35
Blast Sign Activation: 7:00
Website Notification Time: 6:45

Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	6.5	km/hr
Wind Direction:	E	
Temperature:	21.4	°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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	59.4 LAeq	102.3 dB
Edwards:	47.9 LAeq	98.5 dB
Fred:	46.3 LAeq	94.2 dB
Hollinger Office:	58.2 LAeq	102.2 dB
Noah:	60.6 LAeq	99.1 dB
Sandy:	57.6 LAeq	110.5 dB
Water Tower:	52.6 LAeq	105.2 dB
Wilson:	49.9 LAeq	102.1 dB

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

**Dust Alert: Malfunction in TSP unit at Sandy and Edward Stations
(bugs have gotten caught inside sensor, repairs in progress)**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	10.1	8.1	13.5
Edwards:	7.3	7.9	6472.0	6564.2
Hollinger Office:	3.3	3.7	11.8	15.6
Hollinger Park:	5.8	8.5	16.2	31.2
Sandy:	7.9	14.5	229.5	252.9

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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:	0.9	2.1
Edwards:	0.7	1.2
Hollinger Office:	3.5	5.1
Hollinger Park:	4.1	10.5
Sandy:	2.6	12.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.6	0.3	0.2
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	2.4	1.4	2.0
Water Tower:	0.3	0.2	0.3
Wilson:	0.5	0.3	0.3