

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_065
Date: 25-Apr-16
Blast Time: 15:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	0	km/hr
Wind Direction:	N	
Temperature:	7.2	°C

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

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

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

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.8 LAeq	103.4 dB
Edwards:	55.2 LAeq	101.2 dB
Fred:	41.3 LAeq	92.6 dB
Hollinger Office:	57.4 LAeq	107.2 dB
Noah:	60.3 LAeq	103.5 dB
Sandy:	60.4 LAeq	100.4 dB
Water Tower:	47.5 LAeq	99.6 dB
Wilson:	51.0 LAeq	97.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.0	16.1	13.4	15.9
Edwards:	12.8	15.3	21.4	37.2
Hollinger Office:	14.4	19.1	19.5	31.2
Hollinger Park:	22.2	38.6	28.6	48.9
Sandy:	15.1	19.2	14.3	21.6

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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:	0.7	1.9
Edwards:	0.9	1.3
Hollinger Office:	3.0	8.4
Hollinger Park:	4.4	18.8
Sandy:	2.8	18.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1	1	0.9
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.7	0.5	0.4
Hollinger West:	1.6	0.1	0.2
Imerys:	0.5	0.3	0.5
Noah:	0.5	0.4	1
Moneta Pumping Station:	0.3	0.4	0.4
Sandy:	0.4	0.4	0.4
Water Tower:	0.2	0.2	0.4
Wilson:	0.6	0.4	0.6