

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_051
Date: 11-Jul-15
Blast Time: 15:35
Blast Sign Activation: 8:00
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 0% Clear
Wind Speed: 8 km/hr
Wind Direction: SW
Temperature: 29.6 °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:	55.0 LAeq	113.4 dB
Edwards:	53.2 LAeq	112.1 dB
Fred:	49.1 LAeq	104.7 dB
Hollinger Office:	59.0 LAeq	117.1 dB
Noah:	60.6 LAeq	110.8 dB
Sandy:	52.9 LAeq	120.9 dB
Water Tower:	49.0 LAeq	116.3 dB
Wilson:	50.1 LAeq	112.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	31.1	33.5	46.9	51.3
Edwards:	30.9	42.2	93.1	150.8
Hollinger Office:	45.7	57.7	78.4	110.6
Hollinger Park:	23.5	27.6	65.4	78.6
Sandy:	21.6	24.4	70.3	95.1

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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:	1.8	2.8
Edwards:	13.9	25.1
Hollinger Office:	7.0	8.8
Hollinger Park:	1.7	5.0
Sandy:	3.2	17.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.1	0.3
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	3.2	2.1	2.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.7	0.6	0.7