

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_122
Date: 27-Jun-15
Blast Time: 11:37
Blast Sign Activation: 7:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: n/a m
Boundary Layer Height: None m
Cloud Cover: 25%-Scattered Clouds
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 25 °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:	53.4	L_{Aeq}	114.1	dB
Edwards:	60.2	L_{Aeq}	106.5	dB
Fred:	49.0	L_{Aeq}	99.6	dB
Hollinger Office:	58.3	L_{Aeq}	116.9	dB
Noah:	60.4	L_{Aeq}	110.0	dB
Sandy:	53.7	L_{Aeq}	97.4	dB
Water Tower:	51.9	L_{Aeq}	109.1	dB
Wilson:	45.8	L_{Aeq}	107.1	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:	10.7	11.2	18.9	20.6
Edwards:	12.4	18.4	26.9	47.1
Hollinger Office:	19.5	37.5	38.5	74.0
Hollinger Park:	10.9	15.7	31.6	43.3
Sandy:	6.3	6.9	24.6	26.1

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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:	0.6	1.3
Edwards:	3.0	5.4
Hollinger Office:	2.6	3.8
Hollinger Park:	1.0	1.9
Sandy:	0.3	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.8	0.4
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	1.4	1.4	1.3
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	1.3	0.9	0.9
Water Tower:	(Off due to water tower construction)		
Wilson:	0.3	0.4	0.3