

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_045/058
Date: 15-Jun-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 548 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: W
Temperature: 17.8 °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:	55.9	L _{Aeq}	101.1	dB
Edwards:	56.0	L _{Aeq}	100.5	dB
Fred:	48.9	L _{Aeq}	102.9	dB
Hollinger Office:	57.6	L _{Aeq}	108.2	dB
Noah:	64.9	L _{Aeq}	100.7	dB
Sandy:	53.7	L _{Aeq}	102.8	dB
Water Tower:	57.5	L _{Aeq}	115.2	dB
Wilson:	51.6	L _{Aeq}	103.2	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:	1.3	2.1	3.1	4.3
Edwards:	7.1	16.9	14.9	34.4
Hollinger Office:	11.3	19.0	13.5	25.3
Hollinger Park:	11.3	16.0	16.3	25.3
Sandy:	2.5	4.0	10.1	12.3

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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:	1.4	3.2
Edwards:	14.9	31.7
Hollinger Office:	3.1	5.1
Hollinger Park:	3.5	7.6
Sandy:	1.3	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.2	0.2	0.3
Imerys:	0.3	0.4	0.4
Noah:	1.9	2.5	1.4
Moneta Pumping Station:	0.7	0.7	0.8
Sandy:	4.8	3.3	2.9
Water Tower:	(Off due to water tower construction)		
Wilson:	0.7	0.7	0.9