

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_103
Date: 11-Jan-18
Blast Time: 11:34
Blast Sign Activation: 7:40
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 200 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SE
Temperature: -5.3 °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:	53.7	L _{Aeq}	101.0	dB
Edwards:	49.0	L _{Aeq}	96.0	dB
Fred:	47.5	L _{Aeq}	92.4	dB
Hollinger Office:	69.7	L _{Aeq}	108.4	dB
Noah:	62.0	L _{Aeq}	102.0	dB
Sandy:	53.0	L _{Aeq}	109.1	dB
Water Tower:	49.0	L _{Aeq}	113.0	dB
Wilson:		L _{Aeq}	99.2	dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	16.2	6.8	8.2
Edwards:	3.0	3.2	2.9	3.6
Hollinger Office:	4.7	9.0	12.7	30.9
Sandy:	7.6	25.7	5.1	6.4

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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:	0.0	0.0
Edwards:	7.6	11.9
Hollinger Office:	22.4	68.3
Sandy:	10.6	21.5

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:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.7
Hollinger West:	0.2	0.2	0.3
Imerys:	1.1	0.8	0.9
Noah:	1.2	1.2	0.9
Moneta Pumping Station:	0.2	0.3	0.3
Sandy:	0.5	0.2	0.5
Water Tower:	0.6	0.8	0.6
Wilson:	1.0	1.0	0.9