

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_137
Date: 28-Dec-17
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: na m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: -25.3 °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:	50.4	L _{Aeq}	103.7	dB
Edwards:	46.2	L _{Aeq}	97.6	dB
Fred:	37.3	L _{Aeq}	95.5	dB
Hollinger Office:	53.1	L _{Aeq}	112.4	dB
Noah:	59.6	L _{Aeq}	105.1	dB
Sandy:	52.2	L _{Aeq}	109.9	dB
Water Tower:	46.0	L _{Aeq}	114.0	dB
Wilson:	44.8	L _{Aeq}	101.0	dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.8	13.0	7.5	9.4
Edwards:	15.2	42.1	22.4	43.9
Hollinger Office:	27.3	64.7	19.6	44.4
Sandy:	1.8	2.6	8.6	12.5

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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:	8.2	12.8
Edwards:	15.3	27.6
Hollinger Office:	12.9	24.6
Sandy:	8.0	22.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.1	0.2	0.1
Hollinger Office:	2.2	2.0	2.7
Hollinger West:	0.3	0.3	0.3
Imerys:	1.9	2.8	3.2
Noah:	1.6	2.1	1.6
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	0.3	0.2	0.4
Water Tower:	0.8	1.2	1.2
Wilson:	0.9	0.7	1.3