

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_016
Date: 28-Feb-19
Blast Time: 11:31
Blast Sign Activation: 7:56
Website Notification Time: 7:48

Blast Conditions

Ceiling Height:	30000	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	7	km/hr
Wind Direction:	S	
Temperature:	-10	°C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L _{Aeq}	L _{peak} dB
Comfort Inn:	47.5 LAeq	106.4 dB
Edwards:	42.2 LAeq	100.8 dB
Fred:	38.8 LAeq	104.8 dB
Hollinger Office:	55.1 LAeq	108.6 dB
Noah:	57.7 LAeq	104.7 dB
Sandy:	45.5 LAeq	108.0 dB
Water Tower:	47.2 LAeq	111.3 dB
Wilson:	52.6 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.9	1.8	1.0	1.2
Edwards:	5.8	3.2	1.4	1.4
Hollinger Office:	3.9	8.0	4.7	4.3
Sandy:	4.9	12.6	6.9	5.7

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.8	2.9
Edwards:	10.3	22.4
Hollinger Office:	2.7	4.8
Sandy:	2.8	4.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.3	0.4
Hollinger West:	0.3	0.3	0.3
Imerys:			
Noah:	0.6	0.5	0.7
Moneta Pumping Station:	0.7	1.0	0.8
Sandy:	2.8	2.0	2.8
Water Tower:	0.6	0.5	0.7
Wilson:	1.6	2.0	2.1