



## MONTHLY REPORT SUMMARY

Stoney Trail #1

Lafarge Canada Inc.

Name/Location

Company

January 2016

Monitoring Period

Continuous Ambient Monitoring				
Parameter	% Time Operational	Average	Maximum	Number of Hours above Industrial Standards
Sound dB A	100%	48	80	0
PM2.5 $\mu\text{g}/\text{m}^3$	83%	4.1	5.6	0
TSP $\mu\text{g}/\text{m}^3$	100%	20.9	37.6	0
Wind Speed km/h	100%	11	31	-
Precipitation mm	100%	-	0.6	-
Trailer Temperature	100%	-2	12	-

Sound level is analyzed only for wind speed less than 11 km/h and precipitation less than 3 mm/hour

### COMMENTS:

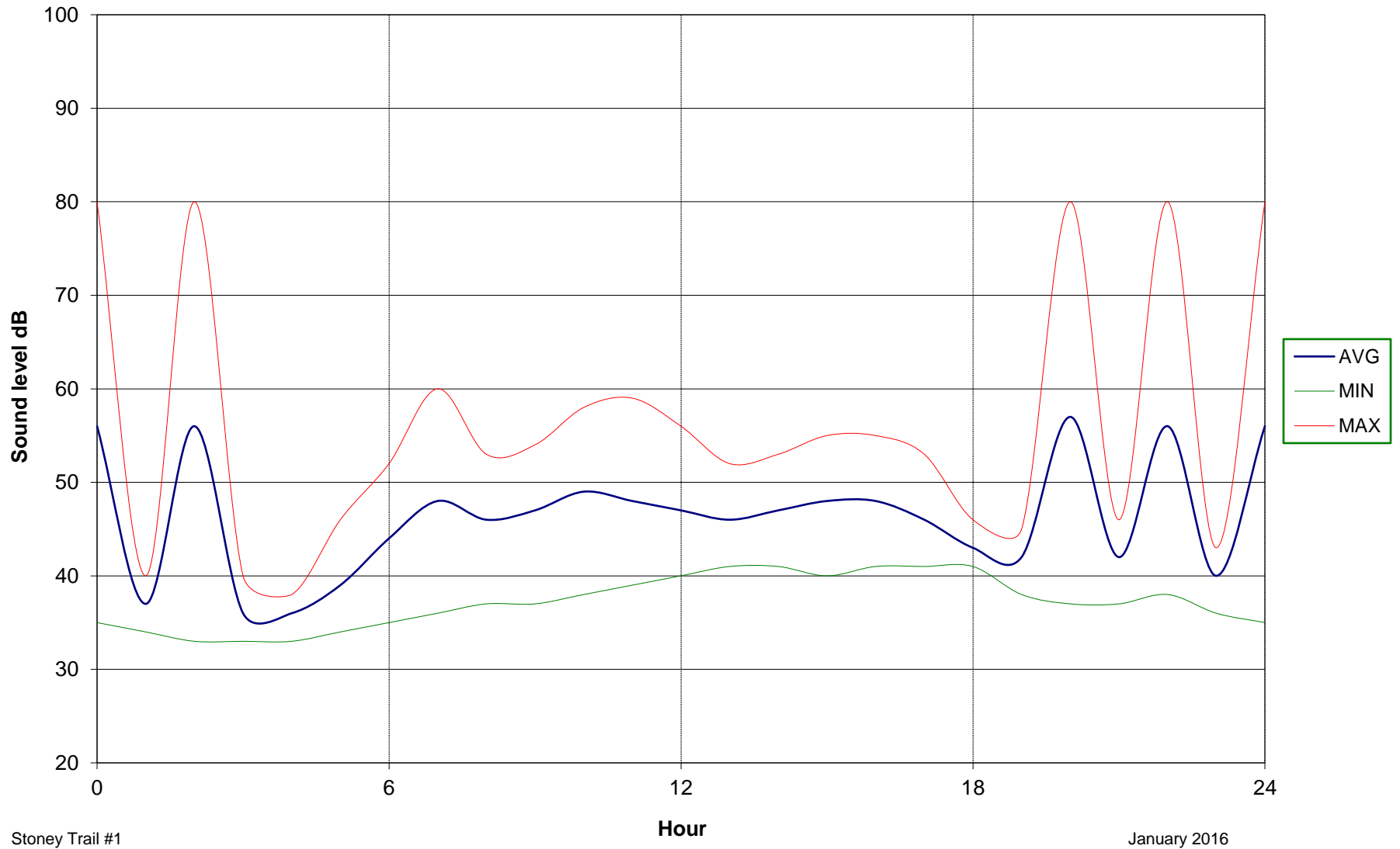
The regulation for industrial areas is 85 dB A any time.

The PM2.5 Standard is 30  $\mu\text{g}/\text{m}^3$  for the day.

The TSP Objective is 100  $\mu\text{g}/\text{m}^3$  for the day.

One 24 hour sample of PM2.5 and TSP is taken every 6<sup>th</sup> day following the federal NAPS schedule.

# Sound Level by Hour of the Day

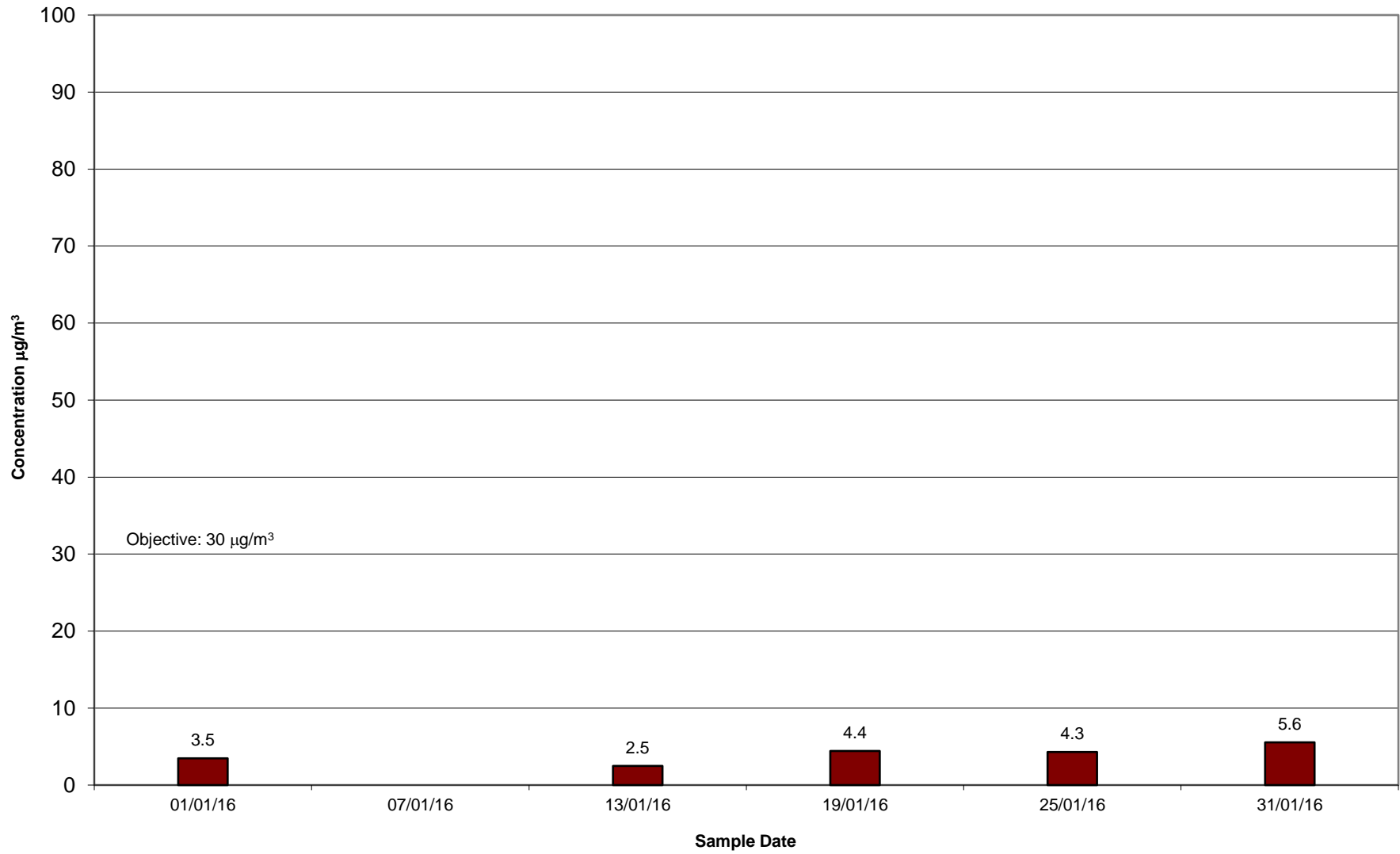


Stoney Trail #1

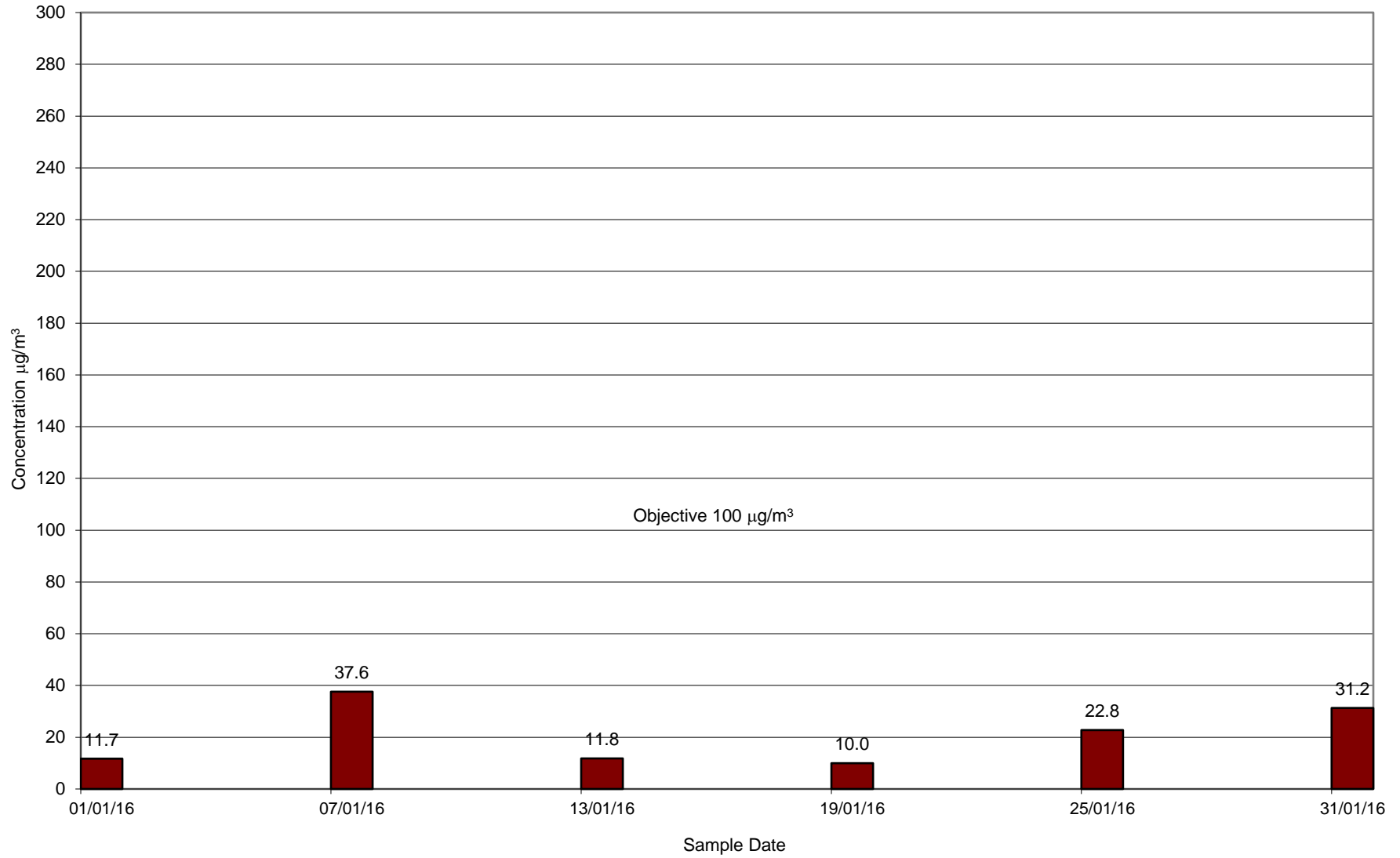
Hour

January 2016

PM2.5 at Lafarge Stoney Trail #1 January 2016

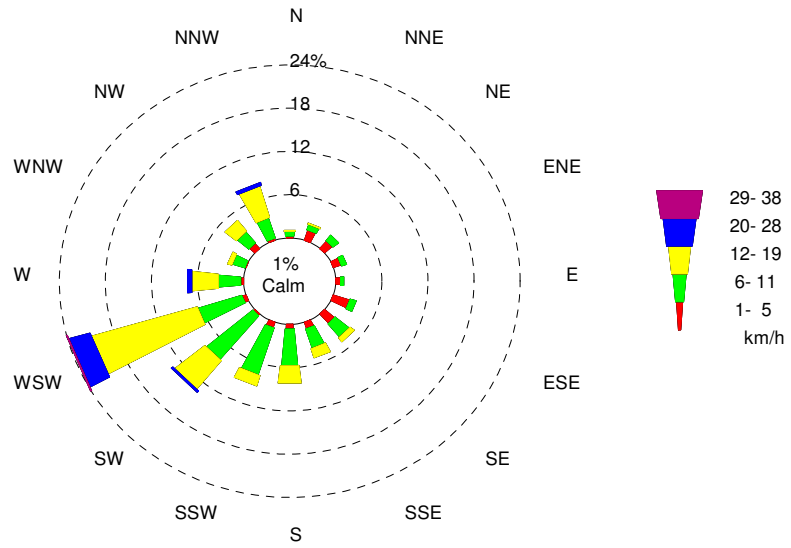


TSP at Lafarge Stoney Trail #1 January 2016



Wind rose for JAN 2016  
Stoney Trail 1

Bar length is proportional to frequency of winds from its direction



SOUND LEVEL [dBA] Leq 1 hour  
Lafarge Canada Inc.  
Stoney Trail 1  
STATION 620  
JAN 2016

Day	1	2	3	4	5	6	7	8	9	10	11	Hour 12	13	14	15	16	17	18	19	20	21	22	23	24	Avg	
1																					39	40	39	38	39	
2	36	34	34	34	34		36	36	38	37	43	44	46	46	46	46									41	
3			36				35	36	41	40	45	45	45	47	46	47	43				40	38	39		42	
4	35	34					37	41	42	44	45	44	42	45	47	46	45	44	43	41	39	80	43	80	41	61
5	80	35	80	36	38	38	44	44	45	45	49	47			47	47	47	46	46	44	42	43	42	41	61	
6	40	38	37	37		41	44	46	47	46	43	43	42								42	43	42	41	61	
7																	44	42	42	41	41	38	42	41	39	41
8	37	38	38	37	37	39	41	41	45	43	47	46	46	46	47	47	44	44	44	44	43	41	40	41	38	43
9	38	37	36	36	37	39	39	39																		38
10															45			44	44			43	43			44
11						38	43		46	44	46	43	42	42	42	42	42	42	41					36	42	
12	39														C										39	
13	39	38	40	37	36	39		45																	40	
14											45	46	40	43	43	46	46	44	42	41	40	41	41	38	43	
15	36			34	34	36	37	41	42	41	43	40	40	41	41	42	42	41	41	39	37	37	38	39	39	
16	40	37	35	35	34	36	35	37	37	37	38	39	41	41	41	40	41	43	41						39	
17						38	38	41	43																	42
18							49	51	53	50	48	49	48				47	46			42	43	43	40	38	47
19	37		37	36	37												45	45	44	42	44	44	42	41	42	42
20	36	36	36	34	38	38	44	47	46	47	48	46	46	48	48	48	47	50	44	41	43	44	42	41	42	44
21	39	39		40	38	46	52	60			55	52		50	53	54	54	52	42	40	45	40	44	39	49	
22	37	36	34	34	36	36	49	54			58	59	56	52		51	52			44					50	
23		34	38				46	48	50	54	54	56	51			55	55	53	46	45	45	43	42	40	49	
24	38	36	35		33	34								45	47	51	47	43	44	44	43	40	41	40	43	
25	39	40	37	36	38									48	51	54	55	43	46	43				42	46	
26															51	51									51	
27			33	34	36	42	47	57																	46	
28		37	37	36	38	44	49	55	53	53	51														48	
29	39		34	33	35											46	45	42	43	42	42	42	41	42	41	44
30							42																		44	
31	37	37	36	35	35	37	37	46	47	48	52		49	46	47	46	48	44	44	44	44	44	40	40	43	44
AVG	56	37	56	36	36	39	44	48	46	47	49	48	47	46	47	48	48	46	43	42	57	42	56	40		
MAX	80	40	80	40	38	46	52	60	53	54	58	59	56	52	53	55	55	53	46	45	80	46	80	43		
MIN	35	34	33	33	33	34	35	36	37	37	38	39	40	41	41	40	41	41	41	38	37	37	38	36		

\*\*\* SOUND DATA REPORTED ONLY FOR WIND SPEED < 11.5 KM/H \*\*\*

Percent of time operational: 100  
M - missing data  
Monthly Average: 48 Monthly Maximum: 80 Monthly Minimum: 33  
C - Calibration  
Median: 42.0  
\*\*\* No Exceedances of Guideline \*\*\*

SOUND METER CALIBRATIONS

DATE	TIME	STANDARD	RESPONSE	ERROR
JAN 12, 2016	14	94.0	93.6	-.4

ABSTRACT OF THE WIND  
Lafarge Canada Inc.  
Stoney Trail 1  
STATION 620  
JAN 2016

HOUR DAY	ALL TIMES ARE L.S.T.					SPEED [km/h]												ANEMOMETER HEIGHT 10 m										MEAN SPD	MAX VEL	PREV DIR	MISS OBS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24							
1	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	15	19	WSW	0		
2	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	11	16	SWL	0		
3	S	SSW	SSW	SSW	S	S	ESE	SSW	SSW	SSW	SW	E	NNE	SSW	SSW	SSW	SSW	S	S	S	SSW	SSW	SSW	SSW	SSW	11	16	SSW	0		
4	WSW	NW	WSW	W	WSW	W	WNW	W	WSW	WSW	WSW	SW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	WSW	WSW	NW	NW	NE	NE	WSW	0		
5	NE	CLM	ESE	SE	SSE	SSE	ESE	SE	SSE	SSE	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ESE	SE	SSE	S	SSW	SSE	0		
6	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	12	18	NNW	0	
7	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	11	20	NNW	0	
8	SSE	S	S	SSE	S	S	SSW	SSW	S	SSW	SSW	S	SSE	NE	NE	NNE	CLM	SE	SE	S	S	SSW	SSW	SSW	S	5	9	S	0		
9	S	S	SSW	S	SSW	S	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	W	WSW	WSW	W	W	W	12	17	W	0	
10	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	14	20	WSW	0		
11	SW	WSW	WSW	NNW	NW	W	WSW	WSW	WSW	NNW	W	NNE	ENE	E	E	ESE	SE	SE	SSE	SSE	SSE	S	S	S	14	20	WSW	0			
12	SSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	10	18	WSW	0		
13	WSW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	17	21	WSW	0		
14	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	14	26	NNW	0		
15	NE	NNE	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	7	20	NE	0		
16	ESE	SE	ESE	E	ENE	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	7	14	SE	0		
17	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	13	19	S	0		
18	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	12	18	WSW	0		
19	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	11	17	WSW	0		
20	NNW	NNW	SW	NNW	NW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	7	11	NNW	0		
21	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	10	14	SSW	0		
22	SSE	SE	ESE	SE	NE	ENE	SE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	10	14	WSW	0		
23	SW	WSW	WSW	WSW	WSW	WSW	NW	NNW	SE	SSE	SE	SE	SSE	SE	SE	SSE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	10	17	ESE	0		
24	E	ESE	ESE	CLM	CLM	13	12	8	8	3	5	8	10	11	14	12	8	6	6	6	5	7	10	6	8	9	16	SW	0		
25	WSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	W	WSW	S	S	S	S	S	S	S	S	SSW	WSW	WSW	WSW	11	15	SW	0		
26	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	18	31	WSW	0		
27	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	16	27	WSW	0		
28	SW	WSW	S	S	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	13	21	SW	0		
29	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	11	17	SW	0		
30	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	13	17	WSW	0		
31	NW	NNW	NW	NNW	NNW	NNW	W	W	W	W	W	NNW	NW	NNW	NE	E	NE	NNE	NNW	NW	NNW	NNW	NNW	NNW	NNW	7	13	NW	0		

MEAN  
SPEED 10 11 10 11 11 11 11 11 12 12 12 11 11 11 10 11 11 11 11 11 11 11 10 10 10 11 31 WSW 0  
NOTE: Missing data represented by M; no clear prevailing direction represented by SWL; calm winds represented by CALM  
WS UPTIME 100 % WD UPTIME 100 %

Date of Last Calibration 060221 Make and Model of Instrument: RM Young5103

FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION  
Lafarge Canada Inc.  
Stoney Trail 1  
STATION 620  
JAN 2016

SPEED [km/h]	WIND DIRECTION															TOTAL	PCT	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW			
< .5																4	1	
1- 5	2	11	10	8	5	17	13	7	5	6	2	4	3	1	7	2	103	14
6- 11	5	6	7	5	3	6	18	21	38	51	59	45	22	13	15	22	336	45
12- 19	1	1	0	0	0	0	5	10	18	11	38	107	26	4	14	34	269	36
20- 28	0	0	0	0	0	0	0	0	0	0	2	22	4	0	0	3	31	4
29- 38	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
TOTAL	8	18	17	13	8	23	36	38	61	68	101	179	55	18	36	61	744	100
PERCENT	1	2	2	2	1	3	5	5	8	9	14	24	7	2	5	8		
AVERAGE	9	6	4	5	5	4	7	9	10	10	12	15	12	8	10	13	11	

PRECIPITATION [mm]  
 Lafarge Canada Inc.  
 Stoney Trail 1  
 STATION 620  
 JAN 2016

Day	Hour																								Tot		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	0	0	0	0	0	0	0	0	0	0	0	.3
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	0	0	0	0	0	0	0	0	0	.2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.5	.6	.3	0	0	0	0	0	0	0	0	0	1.4
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTL	0	0	0	0	0	0	0	0	0	0	0	.2	.4	.9	.6	.3	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0	.2	.5	.6	.3	0	0	0	0	0	0	0	0	0	0	0

Percent of time operational: 100  
 Monthly Total: 2 Maximum in an hour: .6  
 Year to Date: 2



TRAILER TEMPERATURE  
Lafarge Canada Inc.  
Stoney Trail 1  
STATION 620  
JAN 2016

Day	Hour																								Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	-2	-3	-3	-3	-4	-4	-4	-4	-4	-4	-1	2	4	5	6	6	5	3	1	0	-1	-2	-3	-3	-1
2	-4	-5	-6	-6	-6	-5	-5	-5	-5	-5	-1	3	5	5	5	5	2	-1	-2	-2	-3	-3	-3	-3	-2
3	-3	-3	-3	-3	-3	-4	-5	-6	-8	-8	-5	-1	2	4	4	3	1	-2	-3	-4	-4	-5	-5	-3	
4	-5	-5	-5	-3	-2	-1	-2	-3	-4	-4	-3	-1	0	3	4	3	0	-4	-6	-7	-7	-7	-6	-3	
5	-7	-7	-8	-8	-8	-8	-7	-7	-7	-7	-5	-3	-3	-3	-4	-4	-4	-6	-7	-9	-10	-11	-11	-7	
6	-11	-11	-11	-11	-11	-11	-10	-10	-11	-11	-9	-8	-6	-6	-6	-6	-7	-8	-8	-8	-7	-7	-7	-9	
7	-8	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-7	-7	-7	-7	-8	-9	-9	-10	-10	-11	-13	-9	
8	-13	-14	-14	-15	-15	-15	-16	-17	-18	-18	-13	-8	-5	-4	-4	-5	-7	-11	-14	-16	-17	-17	-17	-13	
9	-16	-16	-16	-16	-16	-16	-16	-15	-15	-12	-8	-5	-3	-2	-1	-1	-2	-4	-6	-6	-7	-7	-7	-9	
10	-8	-8	-8	-8	-7	-7	-7	-6	-5	-4	-3	-1	-1	0	0	0	0	-1	-2	-4	-4	-5	-6	-4	
11	-5	-4	-4	-4	-4	-5	-6	-5	-5	-4	-3	-2	0	1	2	1	-1	-2	-3	-3	-4	-4	-5	-3	
12	-6	-6	-4	-2	-1	0	0	0	0	0	2	4	6	7	6	5	4	2	2	1	3	3	3	1	
13	2	2	2	2	2	2	1	1	1	1	2	3	6	7	8	9	8	6	4	3	2	1	1	3	
14	-1	-1	0	0	0	0	0	0	-1	-1	-1	0	0	1	2	2	0	-1	-2	-2	-2	-3	-3	0	
15	-3	-4	-6	-7	-7	-8	-9	-9	-9	-9	-9	-8	-7	-7	-6	-7	-7	-8	-9	-10	-10	-10	-10	-8	
16	-10	-10	-10	-10	-11	-12	-12	-12	-12	-12	-11	-10	-10	-9	-9	-9	-9	-10	-11	-12	-12	-13	-14	-11	
17	-14	-14	-14	-14	-14	-14	-15	-15	-15	-15	-13	-10	-9	-7	-7	-7	-8	-10	-10	-11	-11	-11	-9	-11	
18	-4	-2	-1	-1	0	-1	-2	-3	-4	-3	0	3	4	5	5	6	5	2	0	-1	0	0	-1	0	
19	-4	-4	-4	-4	-4	-3	-2	-1	-1	-1	0	1	2	5	6	6	5	2	0	-1	-2	-3	-5	-1	
20	-5	-6	-6	-6	-6	-5	-5	-5	-5	-5	-5	-3	-2	-1	0	0	1	-2	-5	-7	-7	-8	-7	-4	
21	-7	-6	-6	-6	-5	-5	-5	-5	-5	-5	-3	-1	0	1	2	4	5	4	2	2	2	1	2	3	
22	3	2	2	2	2	1	1	1	1	2	3	4	5	7	10	11	10	9	7	6	6	5	4	5	
23	3	2	1	1	1	1	-1	-1	-2	-2	-1	1	3	4	4	3	2	1	1	0	0	0	0	1	
24	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2	-1	0	1	2	4	4	1	-2	-3	-3	-3	-3	-1	
25	-5	-6	-6	-6	-6	-6	-5	-4	-4	-3	0	3	4	5	5	4	3	1	-1	-2	-3	-3	-2	-2	
26	-2	-1	0	1	2	2	3	3	4	4	6	7	8	8	9	12	12	10	8	6	5	5	5	5	
27	4	4	3	3	2	2	2	3	3	3	4	5	7	8	9	10	11	9	8	8	7	7	8	6	
28	8	7	5	4	4	4	4	4	3	4	5	7	9	12	12	12	11	11	9	7	6	5	4	3	
29	2	1	1	0	-1	-2	-2	-2	-2	0	3	5	6	6	7	7	6	4	2	0	-1	-1	-1	2	
30	-1	0	0	0	0	0	0	0	0	0	1	2	2	3	3	3	2	1	1	0	1	1	1	1	
31	-1	-2	-3	-3	-3	-3	-4	-4	-4	-3	-2	-1	2	4	4	4	2	1	-1	-2	-2	-3	-3	-1	
AVG	-4	-4	-4	-4	-4	-4	-4	-5	-5	-4	-2	0	1	2	2	2	1	0	-2	-3	-3	-3	-4	-4	
MAX	8	7	5	4	4	4	4	3	4	5	7	9	12	12	12	12	12	10	8	7	7	8	8	8	
MIN	-16	-16	-16	-16	-16	-16	-16	-17	-18	-18	-13	-10	-10	-9	-9	-9	-10	-11	-14	-16	-17	-17	-17	-17	

Percent of time operational: 100 M - missing data  
Monthly Average: -2 Monthly Maximum: 12 Monthly Minimum: -18