

Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	0.72	-	-	-	-	-	-	0.72
NE	-	0.24	0.24	-	-	-	-	-	0.48
NNE	-	3.10	1.43	-	-	-	-	-	4.53
N	-	5.49	0.24	-	-	-	-	-	5.73
NNW	-	2.39	0.24	-	-	-	-	-	2.62
NW	-	0.48	-	-	-	-	-	-	0.48
WNW	-	1.43	-	-	-	-	-	-	1.43
W	-	0.72	-	-	-	-	-	-	0.72
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	5.73	1.19	-	-	-	-	-	6.92
SE	-	6.44	1.19	-	-	-	-	-	7.64
ESE	-	0.48	-	-	-	-	-	-	0.48
E	-	-	-	-	-	-	-	-	-
Calm	68.26	-	-	-	-	-	-	-	68.26
Total (%)	68.26	27.21	4.53	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 17 days
 Start Date: Sep. 13, 2005
 End Date: Sep. 30, 2005
 Comment:

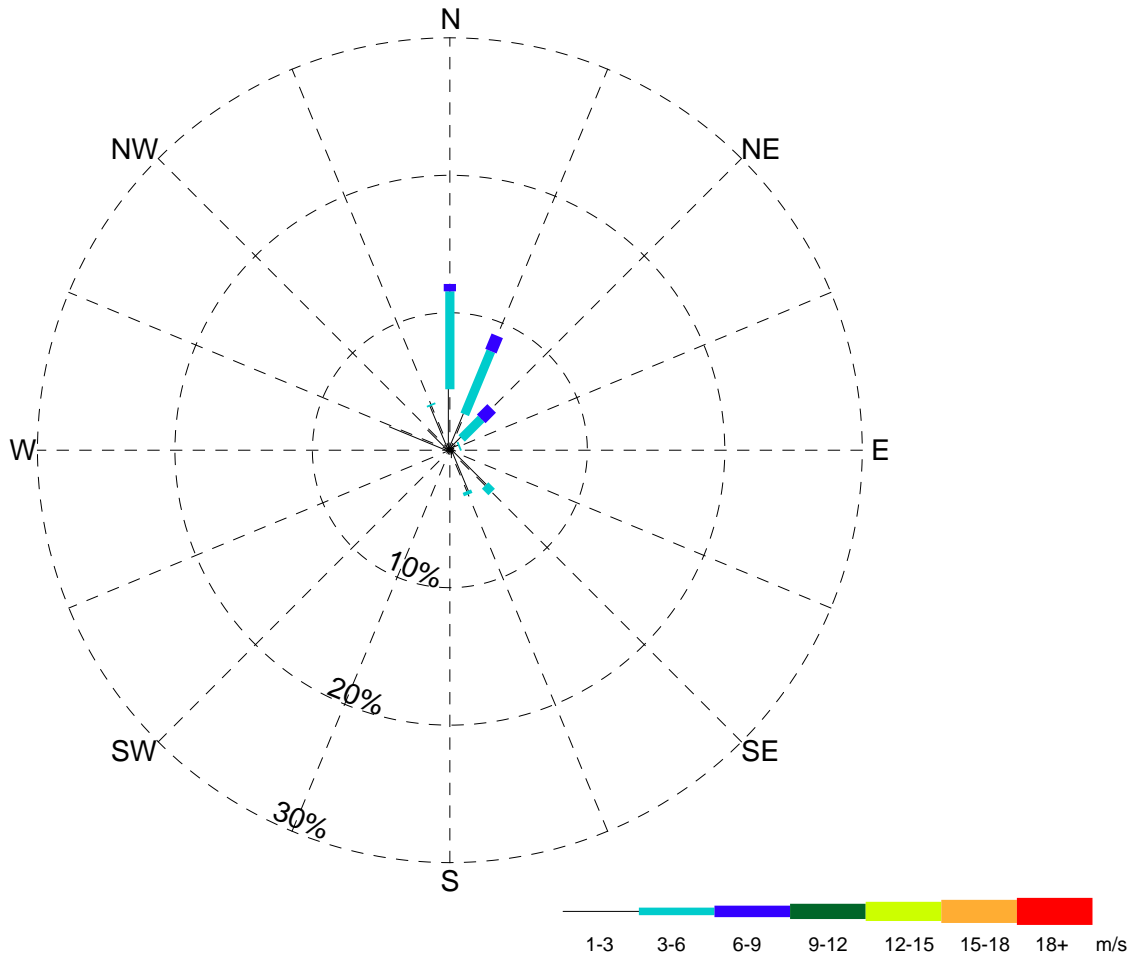
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, September 2005

FIGURE NUMBER: **C-2.01** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECT: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	0.67	0.13	-	-	-	-	-	0.81
NE	-	1.21	2.02	1.08	-	-	-	-	4.30
NNE	-	2.82	4.97	1.21	-	-	-	-	9.01
N	-	4.43	7.12	0.54	-	-	-	-	12.10
NNW	-	3.49	0.13	-	-	-	-	-	3.63
NW	-	2.15	-	-	-	-	-	-	2.15
WNW	-	4.70	-	-	-	-	-	-	4.70
W	-	0.13	-	-	-	-	-	-	0.13
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.54	-	-	-	-	-	-	0.54
SSE	-	3.23	0.27	-	-	-	-	-	3.49
SE	-	3.63	0.67	-	-	-	-	-	4.30
ESE	-	0.40	-	-	-	-	-	-	0.40
E	-	0.27	-	-	-	-	-	-	0.27
Calm	54.17	-	-	-	-	-	-	-	54.17
Total (%)	54.17	27.69	15.32	2.82	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Oct. 1, 2005
 End Date: Oct. 31, 2005
 Comment:

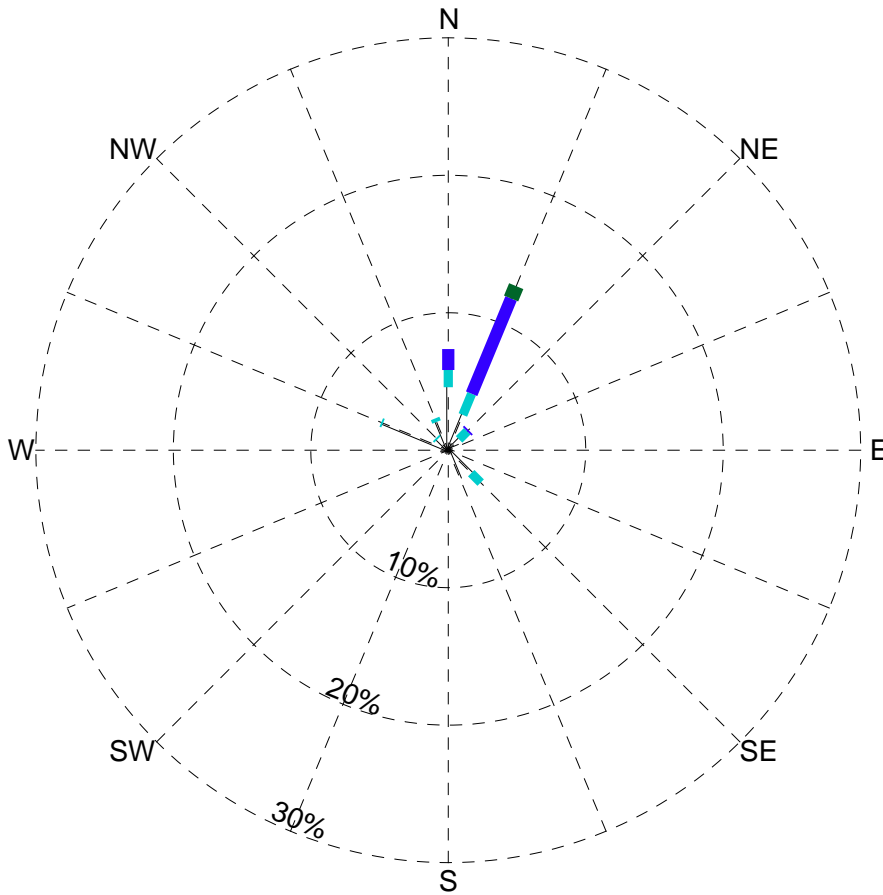
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, October 2005

FIGURE NUMBER: **C-2.02**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	0.83	-	-	-	-	-	-	0.83
NE	-	1.11	0.83	0.14	-	-	-	-	2.08
NNE	-	2.78	1.67	7.50	0.97	-	-	-	12.92
N	-	4.58	1.25	1.53	-	-	-	-	7.36
NNW	-	2.22	0.28	-	-	-	-	-	2.50
NW	-	1.11	0.14	-	-	-	-	-	1.25
WNW	-	5.14	0.14	-	-	-	-	-	5.28
W	-	0.56	-	-	-	-	-	-	0.56
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.14	-	-	-	-	-	-	0.14
SSE	-	2.22	-	-	-	-	-	-	2.22
SE	-	2.36	0.97	-	-	-	-	-	3.33
ESE	-	0.42	-	-	-	-	-	-	0.42
E	-	0.14	-	-	-	-	-	-	0.14
Calm	60.97	-	-	-	-	-	-	-	60.97
Total (%)	60.97	23.61	5.28	9.17	0.97	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Nov. 1, 2005
 End Date: Nov. 30, 2005
 Comment:

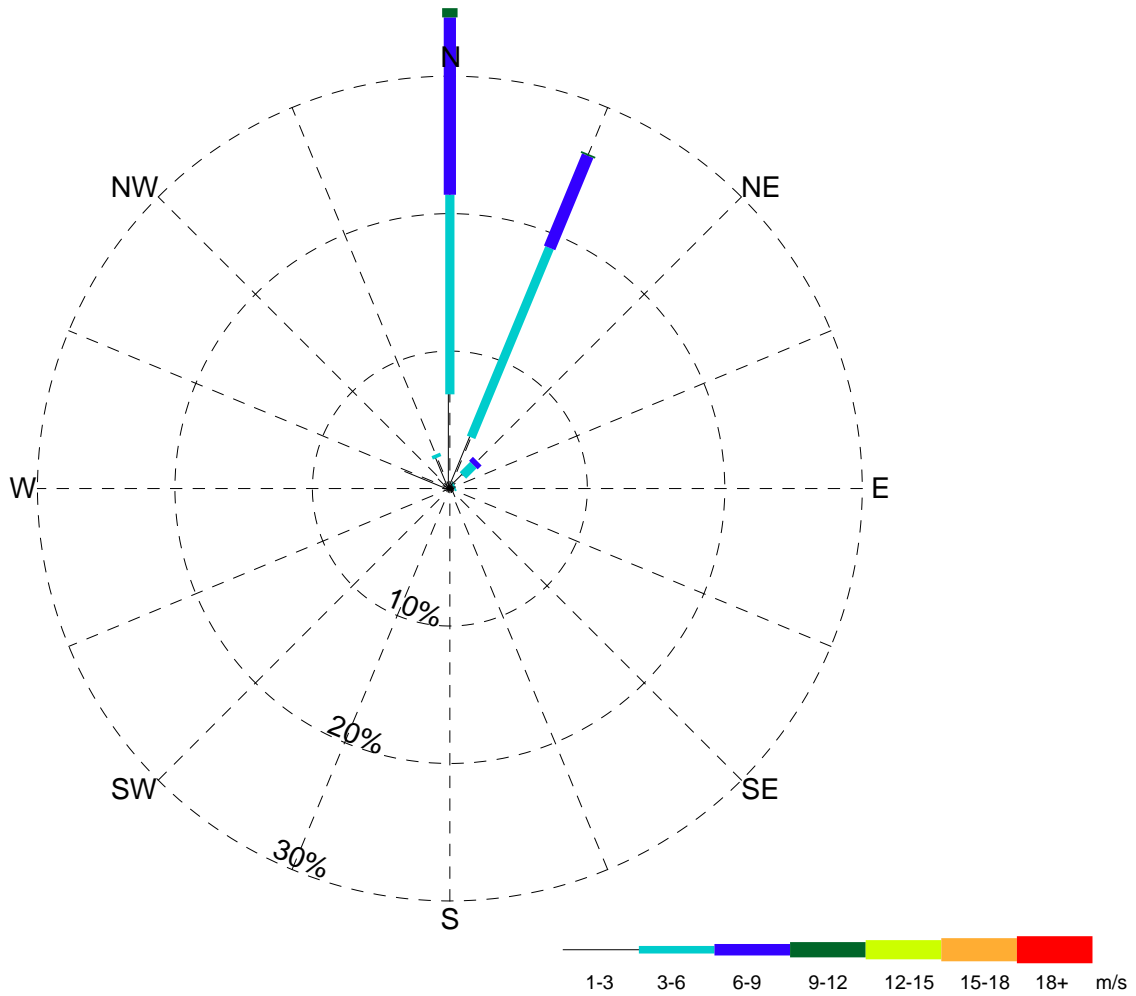
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, November 2005

FIGURE NUMBER: **C-2.03**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Dec. 1, 2005
 End Date: Dec. 31, 2005
 Comment:

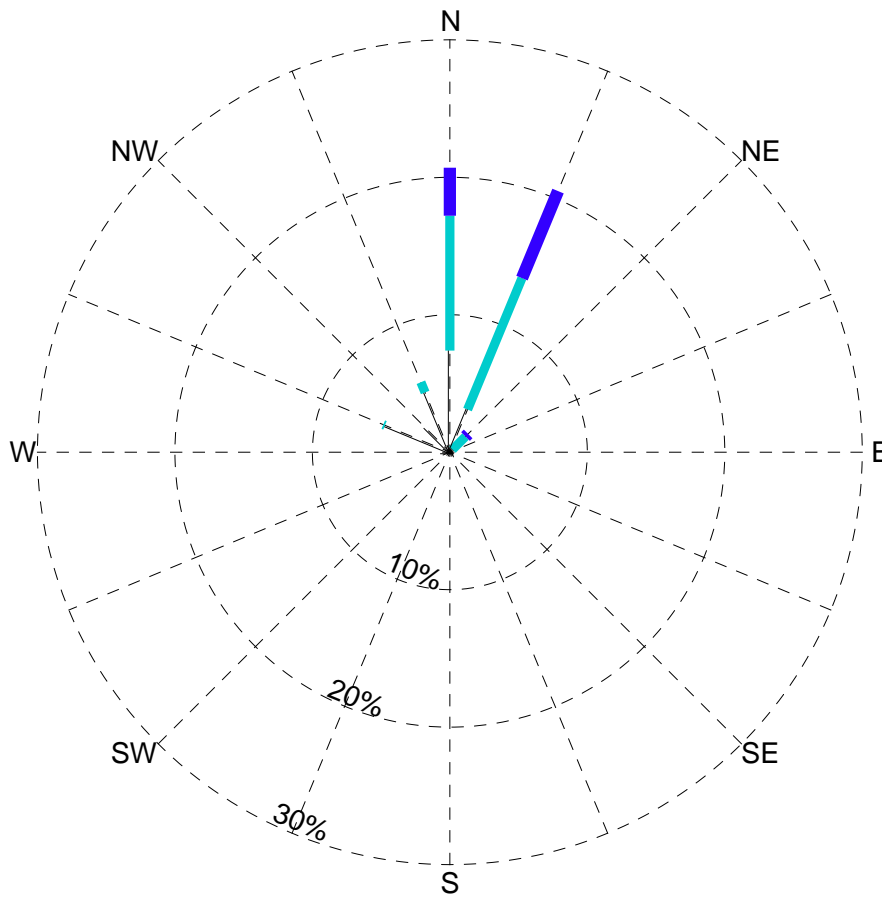
Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.27	0.13	-	-	-	-	-	0.40
NE	-	1.34	1.08	0.40	-	-	-	-	2.82
NNE	-	4.03	14.92	7.26	0.13	-	-	-	26.34
N	-	6.86	14.52	12.90	0.67	-	-	-	34.95
NNW	-	2.42	0.27	-	-	-	-	-	2.69
NW	-	1.08	-	-	-	-	-	-	1.08
WNW	-	3.49	-	-	-	-	-	-	3.49
W	-	0.40	-	-	-	-	-	-	0.40
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.27	-	-	-	-	-	-	0.27
SSE	-	0.67	-	-	-	-	-	-	0.67
SE	-	0.27	-	-	-	-	-	-	0.27
ESE	-	0.27	-	-	-	-	-	-	0.27
E	-	0.40	-	-	-	-	-	-	0.40
Calm	25.94	-	-	-	-	-	-	-	25.94
Total (%)	25.94	21.77	30.91	20.57	0.81	-	-	-	100.00

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


ENBRIDGE NORTHERN GATEWAY PROJECT
 Kersey Point Wind Rose, December 2005

FIGURE NUMBER: **C-2.04**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	0.27	1.34	0.27	-	-	-	-	1.88
NNE	-	3.36	10.35	6.86	-	-	-	-	20.57
N	-	7.39	9.81	3.49	-	-	-	-	20.70
NNW	-	4.70	0.81	-	-	-	-	-	5.51
NW	-	2.55	-	-	-	-	-	-	2.55
WNW	-	5.11	0.13	-	-	-	-	-	5.24
W	-	0.67	-	-	-	-	-	-	0.67
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	0.40	-	-	-	-	-	-	0.40
SE	-	0.13	-	-	-	-	-	-	0.13
ESE	-	0.13	-	-	-	-	-	-	0.13
E	-	-	-	-	-	-	-	-	-
Calm	42.07	-	-	-	-	-	-	-	42.07
Total (%)	42.07	24.87	22.45	10.62	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Jan. 1, 2006
 End Date: Jan. 31, 2006
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

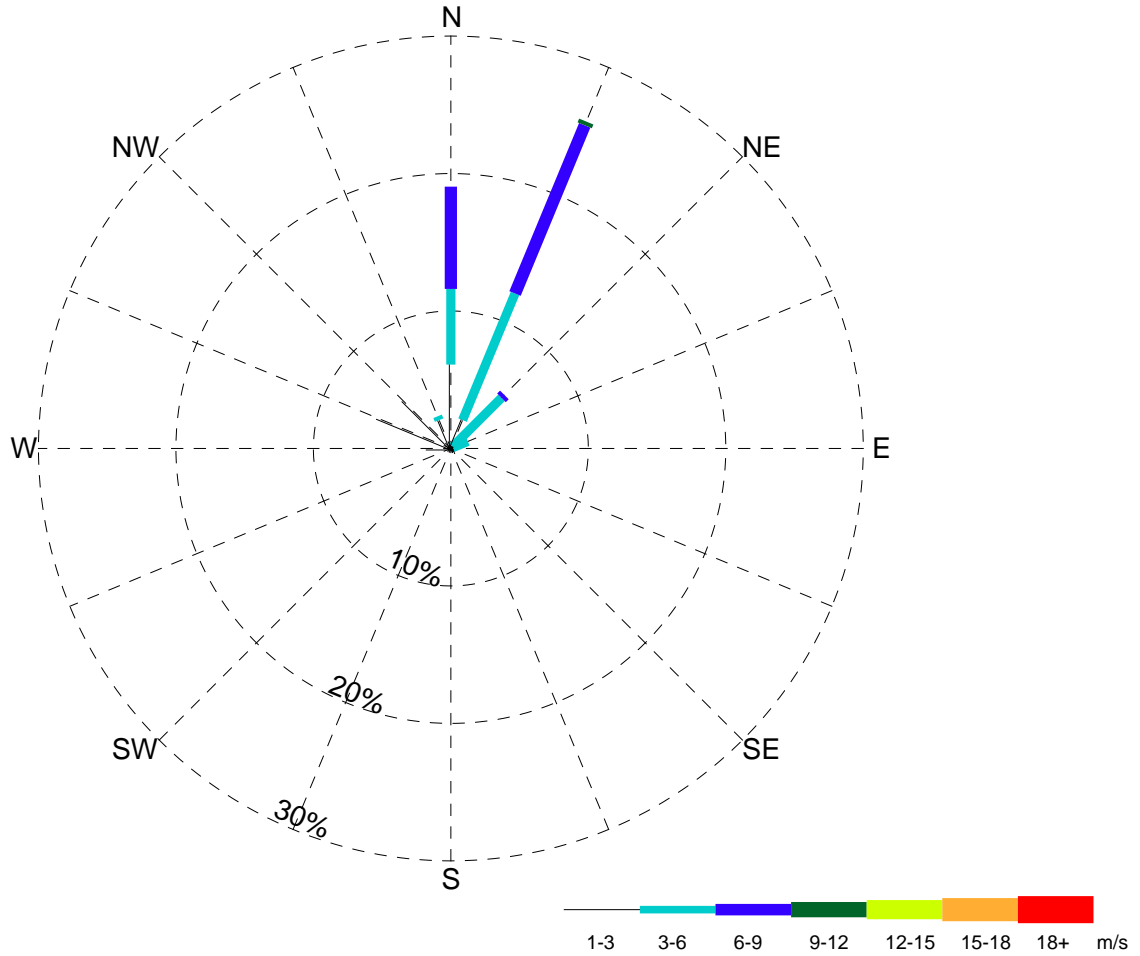
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, January 2006

FIGURE NUMBER: **C-2.05** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 28 days
 Start Date: Feb. 1, 2006
 End Date: Feb. 28, 2006
 Comment:

Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	0.15	1.19	-	-	-	-	-	1.34
NE	-	0.15	5.06	0.30	-	-	-	-	5.51
NNE	-	2.23	9.97	13.24	0.30	-	-	-	25.74
N	-	6.10	5.51	7.44	-	-	-	-	19.05
NNW	-	2.23	0.30	-	-	-	-	-	2.53
NW	-	4.91	-	-	-	-	-	-	4.91
WNW	-	5.80	-	-	-	-	-	-	5.80
W	-	1.79	-	-	-	-	-	-	1.79
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	0.15	-	-	-	-	-	-	0.15
S	-	0.30	-	-	-	-	-	-	0.30
SSE	-	0.45	-	-	-	-	-	-	0.45
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-
Calm	32.44	-	-	-	-	-	-	-	32.44
Total (%)	32.44	24.26	22.02	20.98	0.30	-	-	-	100.00

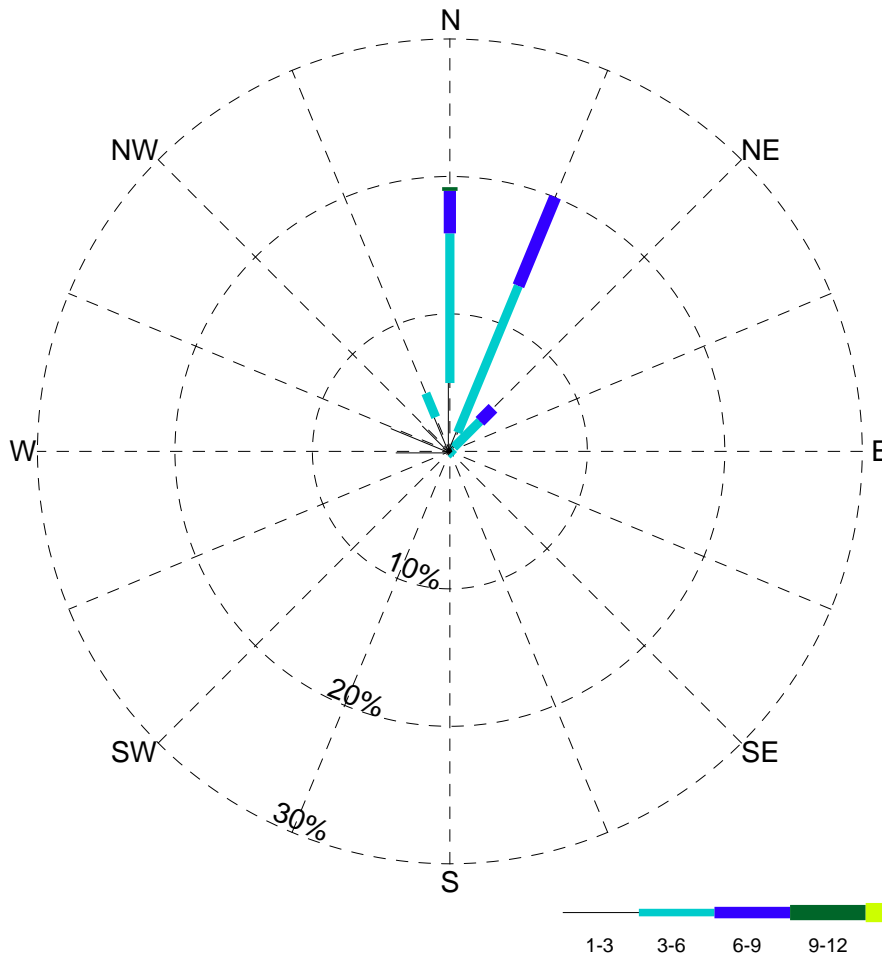
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, February 2006

FIGURE NUMBER: **C-2.06**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.13	0.13	-	-	-	-	-	0.27
NE	-	0.40	2.69	1.34	-	-	-	-	4.43
NNE	-	1.48	11.56	6.99	-	-	-	-	20.03
N	-	4.97	10.89	3.09	0.27	-	-	-	19.22
NNW	-	2.69	1.88	-	-	-	-	-	4.57
NW	-	2.69	-	-	-	-	-	-	2.69
WNW	-	4.57	-	-	-	-	-	-	4.57
W	-	3.90	-	-	-	-	-	-	3.90
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	0.40	-	-	-	-	-	-	0.40
SE	-	0.13	0.27	-	-	-	-	-	0.40
ESE	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-
Calm	39.38	-	-	-	-	-	-	-	39.38
Total (%)	39.38	21.50	27.42	11.43	0.27	-	-	-	100.00

Station Name: Kersey Point

NAD 27 Location:

N53° 46' 34.9" W128° 51' 34.2"

Elev. above SL: 5 m

Tower height: 10 m

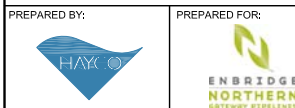
Record length: 31 days

Start Date: Mar. 1, 2006

End Date: Mar. 31, 2006

Comment:

CONTRACTOR:
HAY & COMPANY CONSULTANTS



ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, March 2006

FIGURE NUMBER:
C-2.07

DATE:
20090727

SCALE:

AUTHOR:

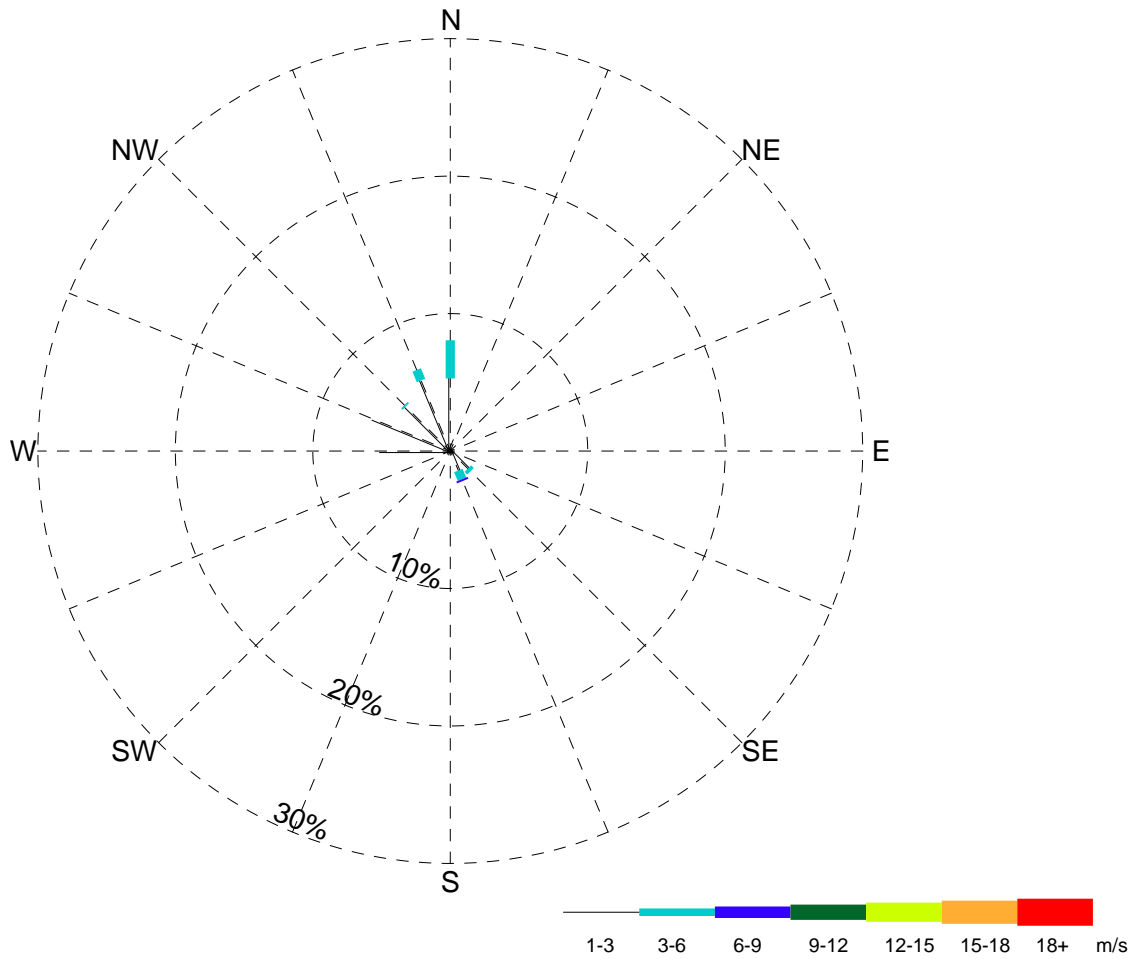
APPROVED BY:

TM

JAS

PROJECTION:

DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.83	-	-	-	-	-	-	0.83
N	-	5.28	2.78	-	-	-	-	-	8.06
NNW	-	5.56	0.83	-	-	-	-	-	6.39
NW	-	4.58	0.14	-	-	-	-	-	4.72
WNW	-	6.11	-	-	-	-	-	-	6.11
W	-	5.14	-	-	-	-	-	-	5.14
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	1.53	0.69	0.14	-	-	-	-	2.36
SE	-	1.81	0.28	-	-	-	-	-	2.08
ESE	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-
Calm	64.31	-	-	-	-	-	-	-	64.31
Total (%)	64.31	30.83	4.72	0.14	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Apr. 1, 2006
 End Date: Apr. 30, 2006
 Comment:

CONTRACTOR:
HAY & COMPANY CONSULTANTS

PREPARED BY: 

PREPARED FOR: 

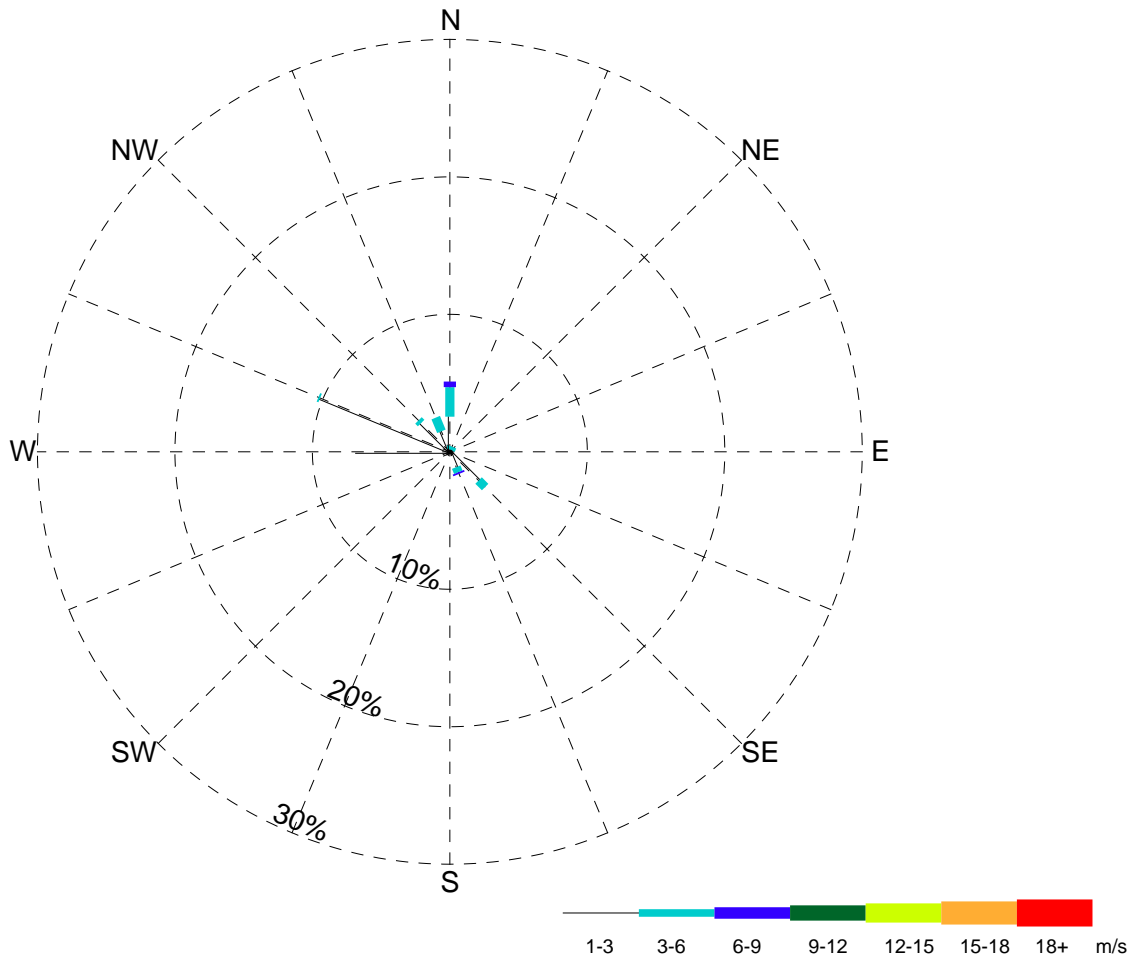
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, April 2006

FIGURE NUMBER: **C-2.08** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.13	0.27	-	-	-	-	-	0.40
N	-	2.55	2.15	0.40	-	-	-	-	5.11
NNW	-	1.61	1.08	-	-	-	-	-	2.69
NW	-	2.96	0.27	-	-	-	-	-	3.23
WNW	-	10.22	0.13	-	-	-	-	-	10.35
W	-	6.86	-	-	-	-	-	-	6.86
WSW	-	0.54	-	-	-	-	-	-	0.54
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.27	-	-	-	-	-	-	0.27
SSE	-	1.21	0.40	0.13	-	-	-	-	1.75
SE	-	2.96	0.67	-	-	-	-	-	3.63
ESE	-	0.13	-	-	-	-	-	-	0.13
E	-	-	-	-	-	-	-	-	-
Calm	65.05	-	-	-	-	-	-	-	65.05
Total (%)	65.05	29.43	4.97	0.54	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: May 1, 2006
 End Date: May 31, 2006
 Comment:

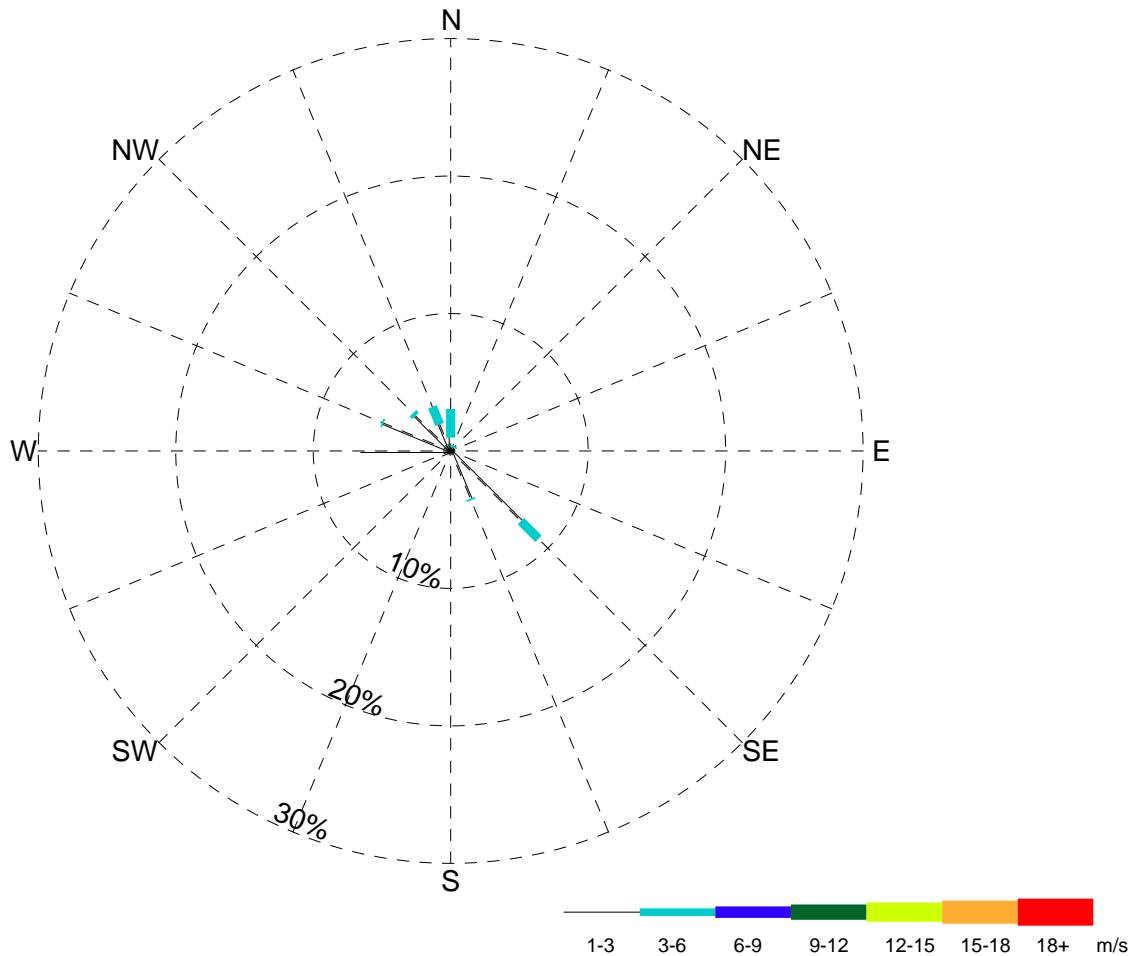
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, May 2006

FIGURE NUMBER: **C-2.09**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.28	0.14	-	-	-	-	-	0.42
N	-	0.97	2.08	-	-	-	-	-	3.06
NNW	-	2.08	1.39	-	-	-	-	-	3.47
NW	-	3.61	0.28	-	-	-	-	-	3.89
WNW	-	5.28	0.14	-	-	-	-	-	5.42
W	-	6.53	-	-	-	-	-	-	6.53
WSW	-	0.69	-	-	-	-	-	-	0.69
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	3.75	0.14	-	-	-	-	-	3.89
SE	-	7.22	1.81	-	-	-	-	-	9.03
ESE	-	0.28	-	-	-	-	-	-	0.28
E	-	0.28	-	-	-	-	-	-	0.28
Calm	63.06	-	-	-	-	-	-	-	63.06
Total (%)	63.06	30.97	5.97	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Jun. 1, 2006
 End Date: Jun. 30, 2006
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

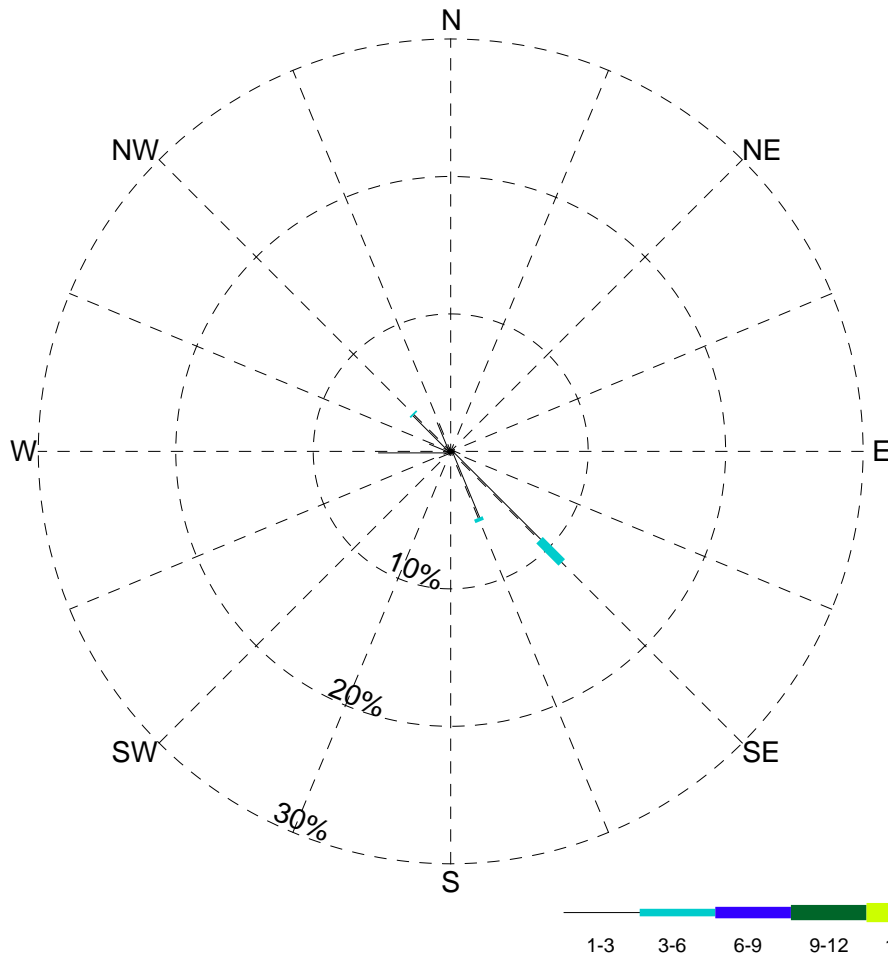
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, June 2006

FIGURE NUMBER: **C-2.10** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	-	-	-	-	-	-	-	-
N	-	0.27	-	-	-	-	-	-	0.27
NNW	-	2.29	-	-	-	-	-	-	2.29
NW	-	3.76	0.13	-	-	-	-	-	3.90
WNW	-	1.61	-	-	-	-	-	-	1.61
W	-	5.24	-	-	-	-	-	-	5.24
WSW	-	0.94	-	-	-	-	-	-	0.94
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	5.24	0.27	-	-	-	-	-	5.51
SE	-	9.14	2.29	-	-	-	-	-	11.43
ESE	-	0.67	-	-	-	-	-	-	0.67
E	-	0.27	-	-	-	-	-	-	0.27
Calm	67.88	-	-	-	-	-	-	-	67.88
Total (%)	67.88	29.43	2.69	-	-	-	-	-	100.00

Station Name: Kersey Point

NAD 27 Location:

N53° 46' 34.9" W128° 51' 34.2"

Elev. above SL: 5 m

Tower height: 10 m

Record length: 31 days

Start Date: Jul. 1, 2006

End Date: Jul. 31, 2006

Comment:

CONTRACTOR:
HAY & COMPANY CONSULTANTS

PREPARED BY:


PREPARED FOR:

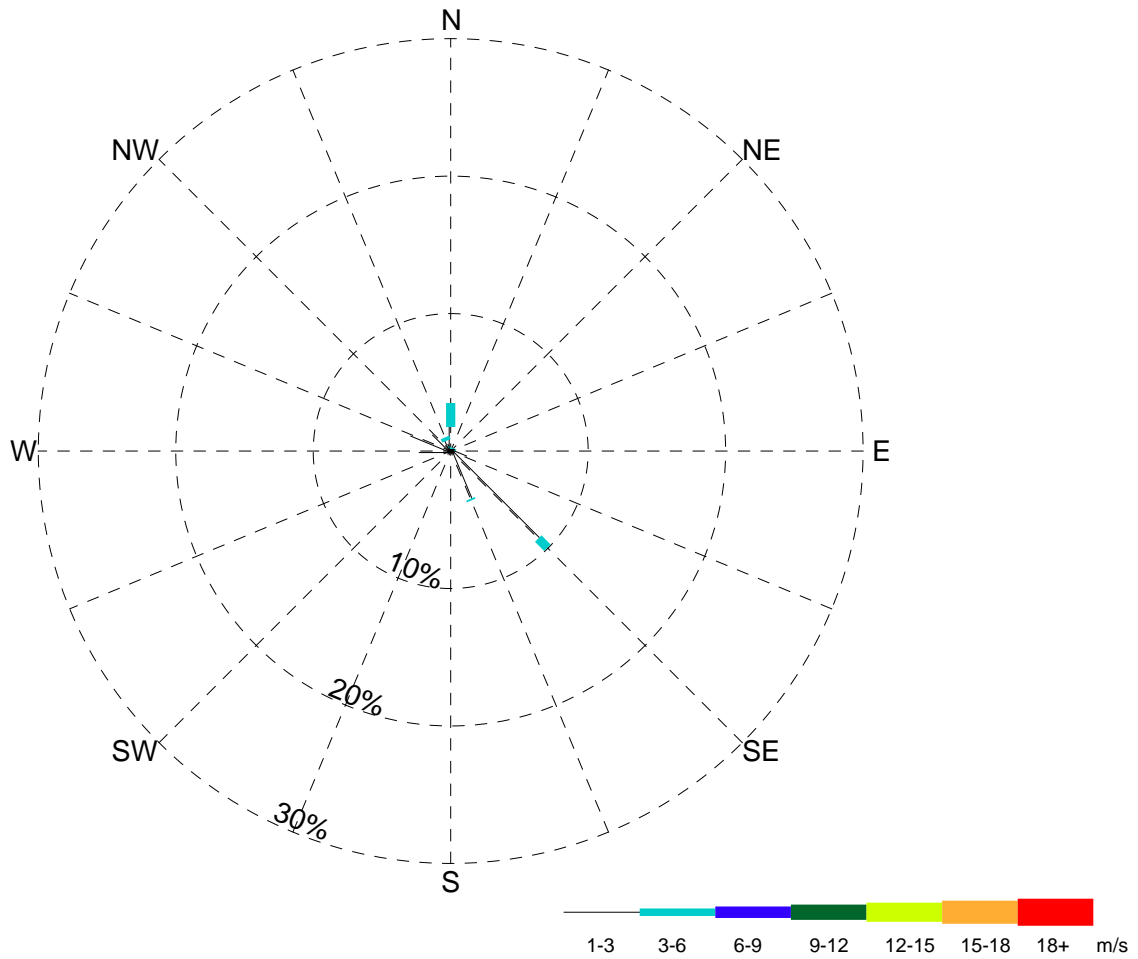

ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, July 2006

FIGURE NUMBER: **C-2.11** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	0.13	-	-	-	-	-	-	0.13
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.13	0.13	-	-	-	-	-	0.27
N	-	1.75	1.75	-	-	-	-	-	3.49
NNW	-	0.81	0.27	-	-	-	-	-	1.08
NW	-	1.75	-	-	-	-	-	-	1.75
WNW	-	3.09	-	-	-	-	-	-	3.09
W	-	2.29	-	-	-	-	-	-	2.29
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	3.76	0.13	-	-	-	-	-	3.90
SE	-	9.01	0.94	-	-	-	-	-	9.95
ESE	-	1.21	-	-	-	-	-	-	1.21
E	-	0.27	-	-	-	-	-	-	0.27
Calm	72.45	-	-	-	-	-	-	-	72.45
Total (%)	72.45	24.33	3.23	-	-	-	-	-	100.00

Station Name: Kersey Point

NAD 27 Location:

N53° 46' 34.9" W128° 51' 34.2"

Elev. above SL: 5 m

Tower height: 10 m

Record length: 31 days

Start Date: Aug. 1, 2006

End Date: Aug. 31, 2006

Comment:

CONTRACTOR:
HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

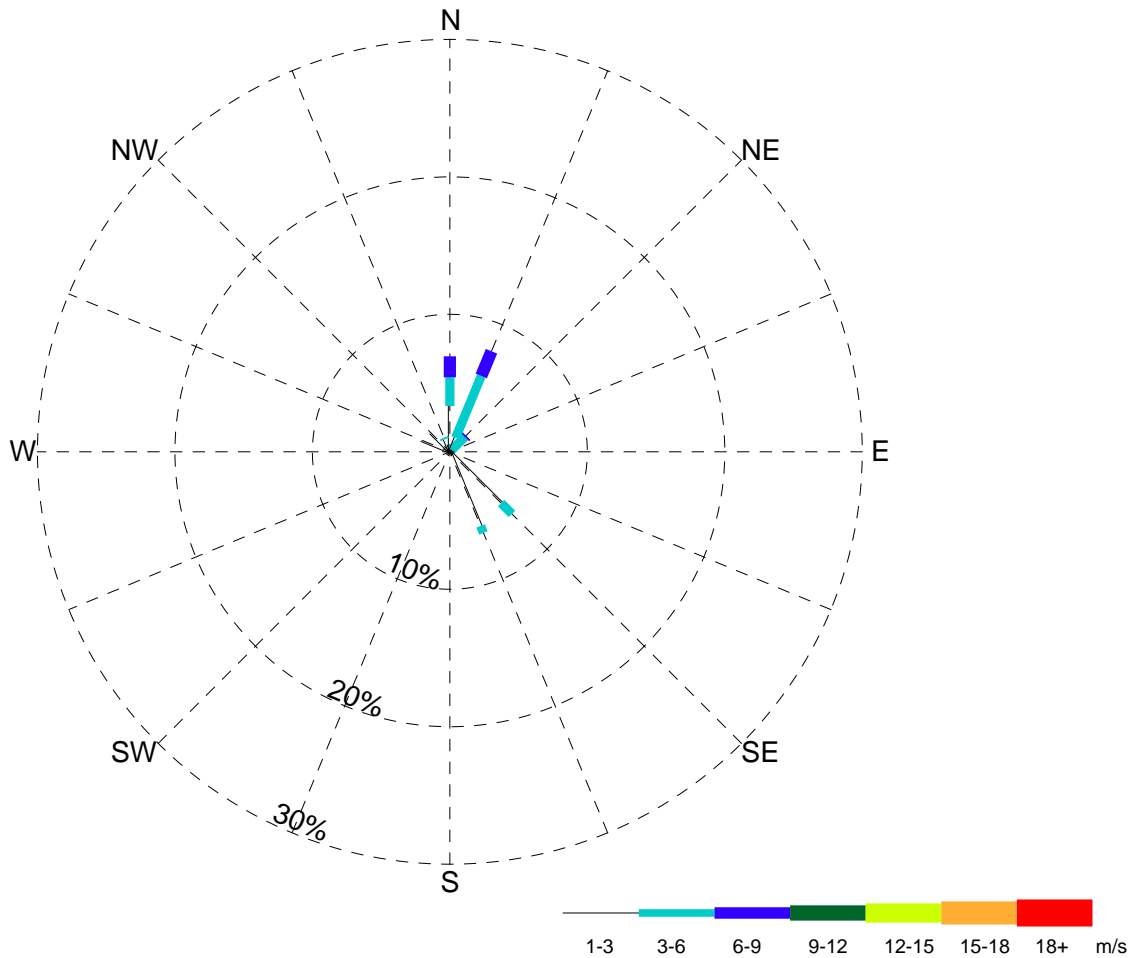
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, August 2006

FIGURE NUMBER: **C-2.12** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	-	-	-	-	-	-	-	-
NE	-	0.14	1.39	0.14	-	-	-	-	1.67
NNE	-	1.11	4.86	1.94	-	-	-	-	7.92
N	-	3.33	2.08	1.53	-	-	-	-	6.94
NNW	-	0.97	0.14	-	-	-	-	-	1.11
NW	-	1.94	-	-	-	-	-	-	1.94
WNW	-	2.22	-	-	-	-	-	-	2.22
W	-	0.14	-	-	-	-	-	-	0.14
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.28	-	-	-	-	-	-	0.28
SSE	-	5.83	0.56	-	-	-	-	-	6.39
SE	-	5.28	1.11	-	-	-	-	-	6.39
ESE	-	0.28	-	-	-	-	-	-	0.28
E	-	-	-	-	-	-	-	-	-
Calm	64.72	-	-	-	-	-	-	-	64.72
Total (%)	64.72	21.53	10.14	3.61	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Sep. 1, 2006
 End Date: Sep. 30, 2006
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:


PREPARED FOR:

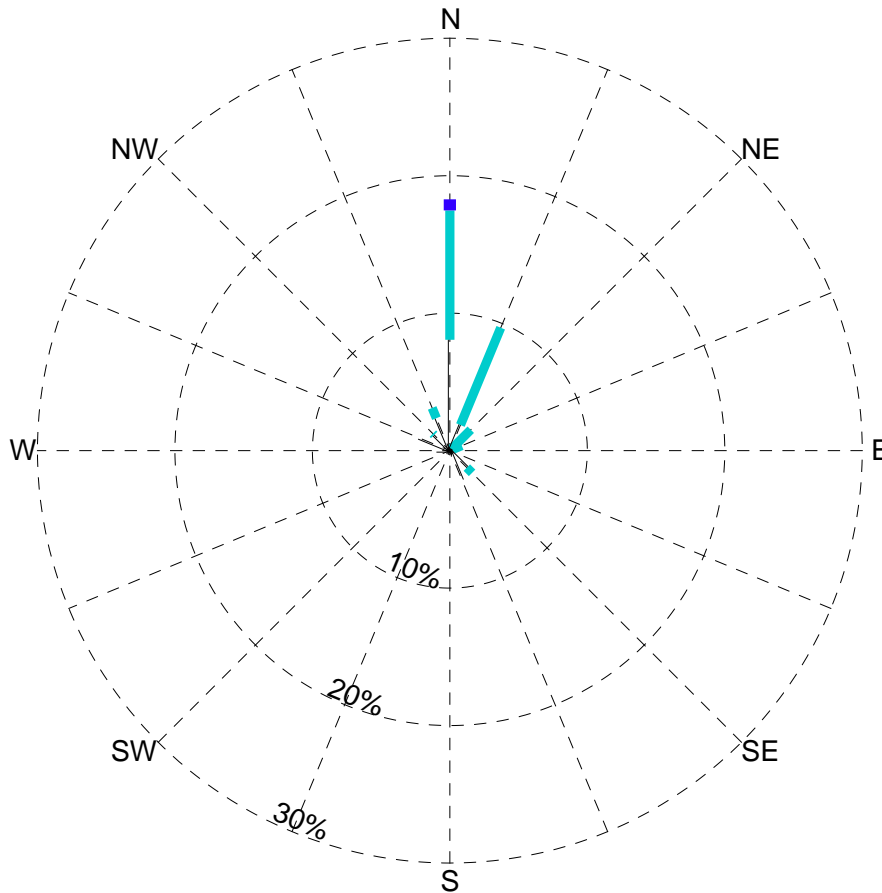

ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, September 2006

FIGURE NUMBER: **C-2.13** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.27	0.67	-	-	-	-	-	0.94
NE	-	0.13	2.02	-	-	-	-	-	2.15
NNE	-	2.02	7.66	-	-	-	-	-	9.68
N	-	8.06	9.41	0.81	-	-	-	-	18.28
NNW	-	2.55	0.81	-	-	-	-	-	3.36
NW	-	1.61	0.13	-	-	-	-	-	1.75
WNW	-	2.42	-	-	-	-	-	-	2.42
W	-	0.94	-	-	-	-	-	-	0.94
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	0.27	-	-	-	-	-	-	0.27
S	-	0.40	-	-	-	-	-	-	0.40
SSE	-	2.29	-	-	-	-	-	-	2.29
SE	-	1.75	0.54	-	-	-	-	-	2.29
ESE	-	0.13	-	-	-	-	-	-	0.13
E	-	-	-	-	-	-	-	-	-
Calm	55.11	-	-	-	-	-	-	-	55.11
Total (%)	55.11	22.85	21.24	0.81	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Oct. 1, 2006
 End Date: Oct. 31, 2006
 Comment:

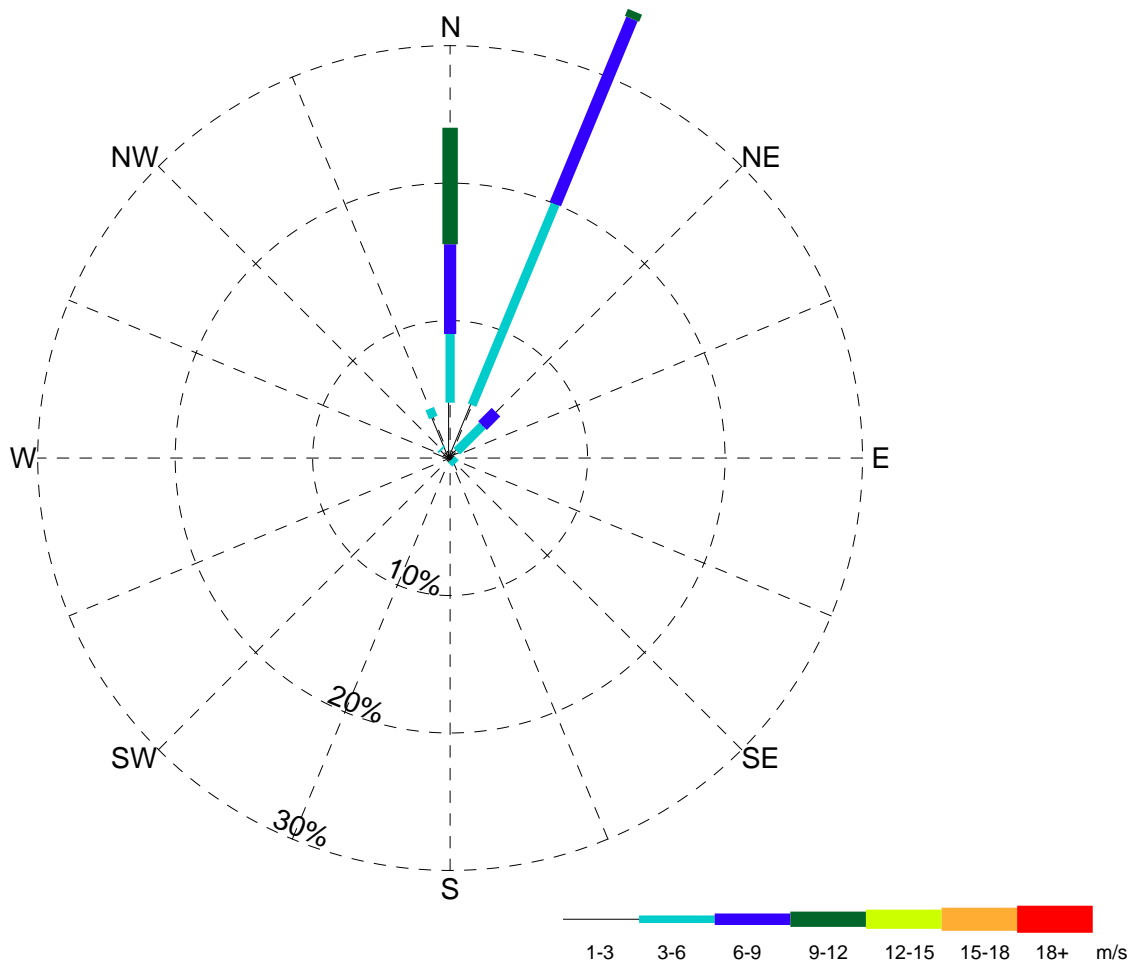
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, October 2006

FIGURE NUMBER: **C-2.14**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

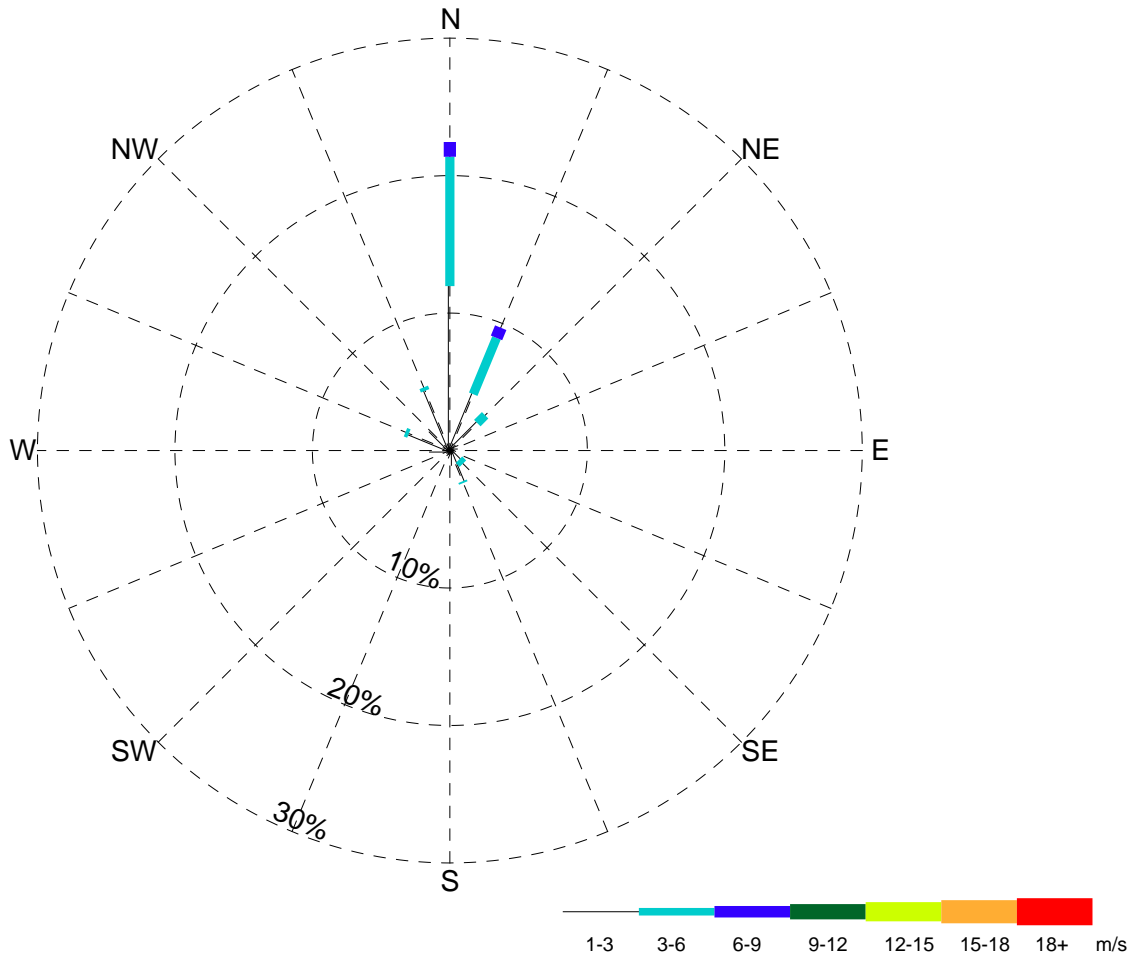
Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.69	-	-	-	-	-	-	0.69
NE	-	0.69	2.64	1.39	-	-	-	-	4.72
NNE	-	4.17	15.83	14.58	0.56	-	-	-	35.14
N	-	4.03	5.00	6.53	8.47	-	-	-	24.03
NNW	-	3.19	0.69	-	-	-	-	-	3.89
NW	-	0.83	0.14	-	-	-	-	-	0.97
WNW	-	1.25	-	-	-	-	-	-	1.25
W	-	0.14	-	-	-	-	-	-	0.14
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	0.97	-	-	-	-	-	-	0.97
SE	-	0.14	0.42	-	-	-	-	-	0.56
ESE	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-
Calm	27.64	-	-	-	-	-	-	-	27.64
Total (%)	27.64	16.11	24.72	22.50	9.03	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Nov. 1, 2006
 End Date: Nov. 30, 2006
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


ENBRIDGE NORTHERN GATEWAY PROJECT
 Kersey Point Wind Rose, November 2006

FIGURE NUMBER: **C-2.15** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECT: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.67	-	-	-	-	-	-	0.67
NE	-	2.82	0.81	-	-	-	-	-	3.63
NNE	-	4.43	4.43	0.81	-	-	-	-	9.68
N	-	11.96	9.41	1.08	-	-	-	-	22.45
NNW	-	4.70	0.27	-	-	-	-	-	4.97
NW	-	2.02	-	-	-	-	-	-	2.02
WNW	-	3.23	0.27	-	-	-	-	-	3.49
W	-	1.48	-	-	-	-	-	-	1.48
WSW	-	-	-	-	-	-	-	-	-
SW	-	0.40	-	-	-	-	-	-	0.40
SSW	-	0.54	-	-	-	-	-	-	0.54
S	-	1.08	-	-	-	-	-	-	1.08
SSE	-	2.42	0.13	-	-	-	-	-	2.55
SE	-	0.94	0.40	-	-	-	-	-	1.34
ESE	-	0.40	-	-	-	-	-	-	0.40
E	-	0.54	-	-	-	-	-	-	0.54
Calm	44.76	-	-	-	-	-	-	-	44.76
Total (%)	44.76	37.63	15.73	1.88	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Dec. 1, 2006
 End Date: Dec. 31, 2006
 Comment:

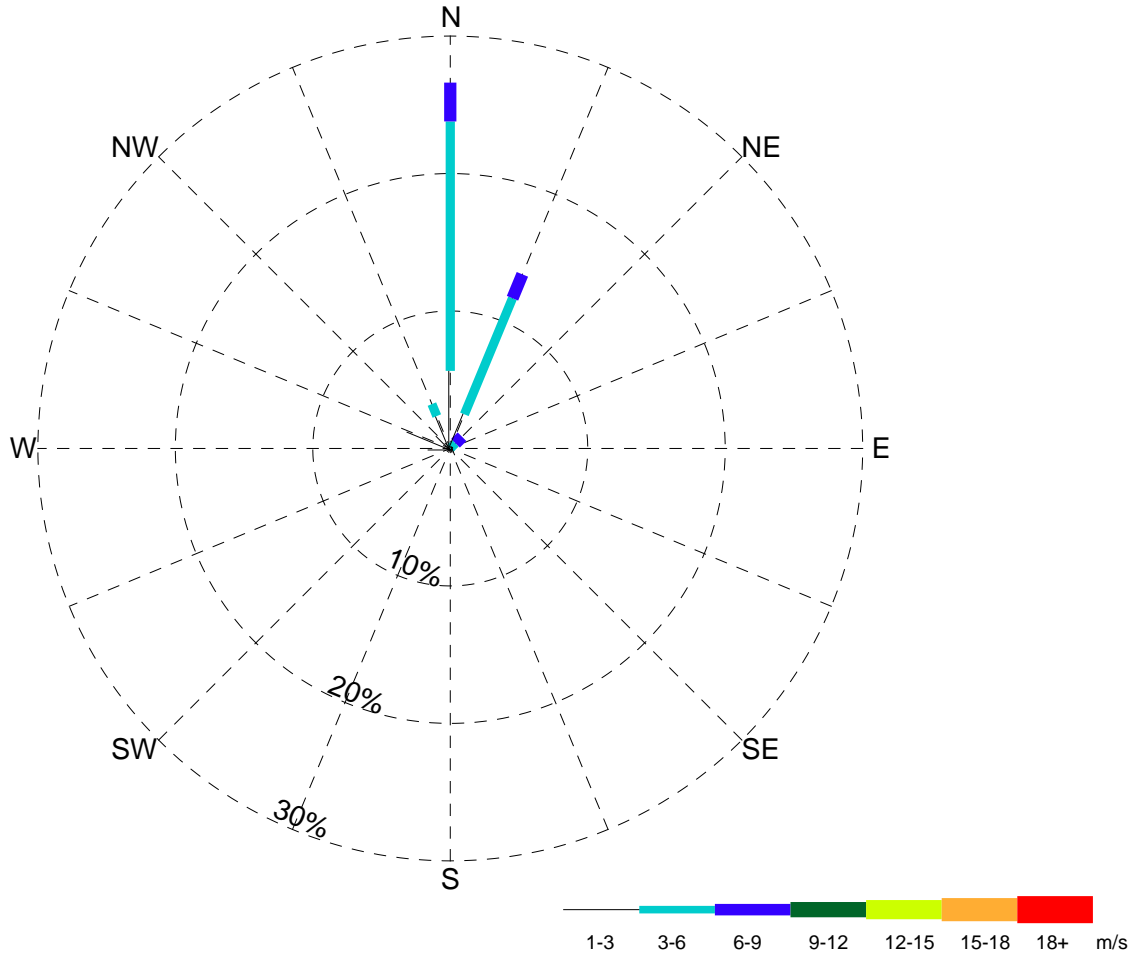
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, December 2006

FIGURE NUMBER: **C-2.16** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECTION: DATUM:



Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Jan. 1, 2007
 End Date: Jan. 31, 2007
 Comment:

Wind Speed & Direction Frequency Distribution Table

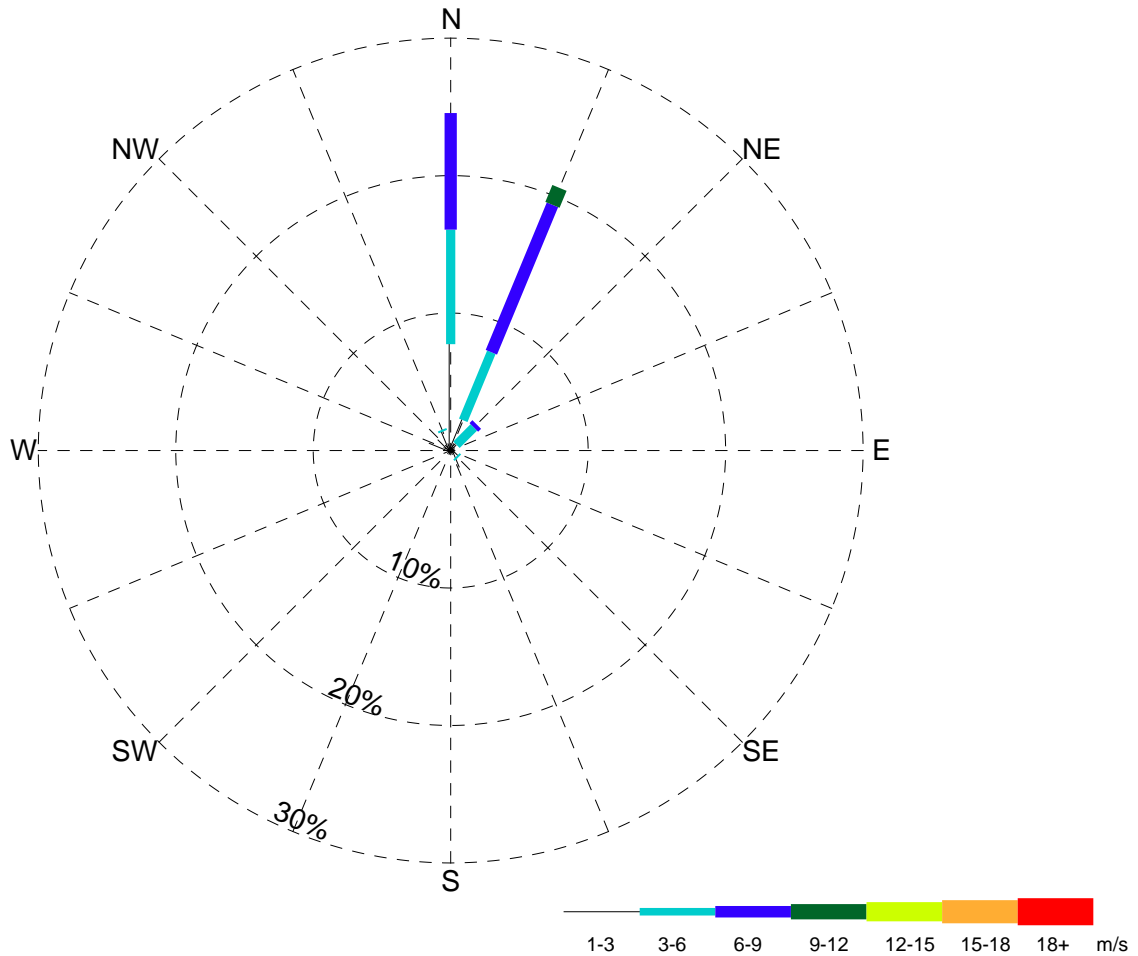
Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	0.27	-	-	-	-	-	-	0.27
NE	-	-	0.54	0.67	-	-	-	-	1.21
NNE	-	2.69	9.14	1.88	-	-	-	-	13.71
N	-	5.64	18.15	2.82	-	-	-	-	26.61
NNW	-	2.55	0.94	-	-	-	-	-	3.49
NW	-	1.34	-	-	-	-	-	-	1.34
WNW	-	3.36	-	-	-	-	-	-	3.36
W	-	1.61	-	-	-	-	-	-	1.61
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	0.54	-	-	-	-	-	-	0.54
SE	-	-	-	-	-	-	-	-	-
ESE	-	0.13	-	-	-	-	-	-	0.13
E	-	-	-	-	-	-	-	-	-
Calm	47.58	-	-	-	-	-	-	-	47.58
Total (%)	47.58	18.28	28.76	5.38	-	-	-	-	100.00

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, January 2007

FIGURE NUMBER: **C-2.17** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.30	-	-	-	-	-	-	0.30
NE	-	0.60	1.79	0.30	-	-	-	-	2.68
NNE	-	2.38	5.36	11.61	1.34	-	-	-	20.68
N	-	7.74	8.33	8.48	-	-	-	-	24.55
NNW	-	1.49	0.15	-	-	-	-	-	1.64
NW	-	1.19	-	-	-	-	-	-	1.19
WNW	-	1.64	-	-	-	-	-	-	1.64
W	-	0.15	-	-	-	-	-	-	0.15
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	1.34	-	-	-	-	-	-	1.34
SE	-	0.60	0.15	-	-	-	-	-	0.74
ESE	-	0.15	-	-	-	-	-	-	0.15
E	-	-	-	-	-	-	-	-	-
Calm	44.94	-	-	-	-	-	-	-	44.94
Total (%)	44.94	17.56	15.77	20.39	1.34	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 28 days
 Start Date: Feb. 1, 2007
 End Date: Feb. 28, 2007
 Comment:

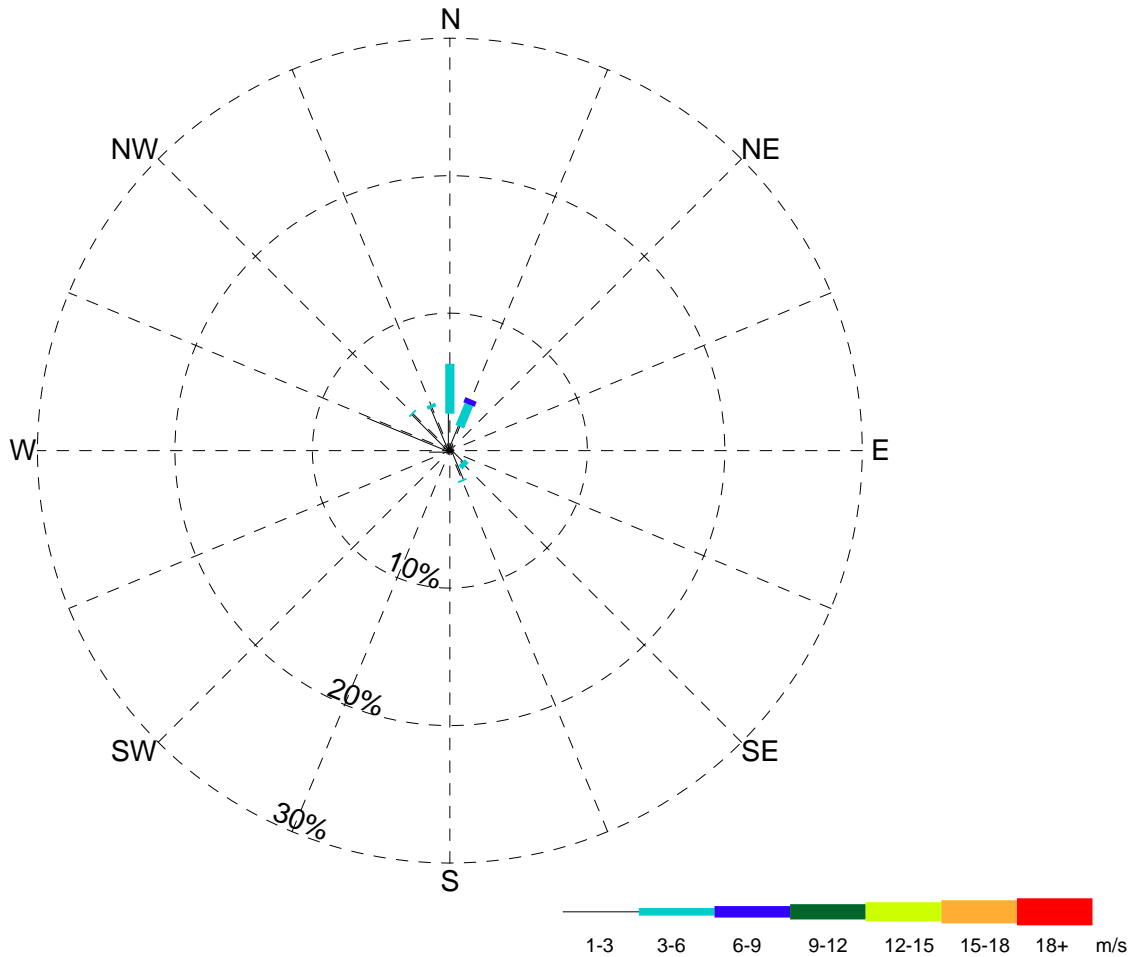
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, February 2007

FIGURE NUMBER: **C-2.18**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	0.40	-	-	-	-	-	-	0.40
NNE	-	1.88	1.75	0.40	-	-	-	-	4.03
N	-	2.69	3.63	-	-	-	-	-	6.32
NNW	-	3.36	0.27	-	-	-	-	-	3.63
NW	-	3.76	0.13	-	-	-	-	-	3.90
WNW	-	6.45	-	-	-	-	-	-	6.45
W	-	1.48	-	-	-	-	-	-	1.48
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	2.29	0.13	-	-	-	-	-	2.42
SE	-	1.21	0.40	-	-	-	-	-	1.61
ESE	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-
Calm	69.76	-	-	-	-	-	-	-	69.76
Total (%)	69.76	23.52	6.32	0.40	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Mar. 1, 2007
 End Date: Mar. 31, 2007
 Comment:

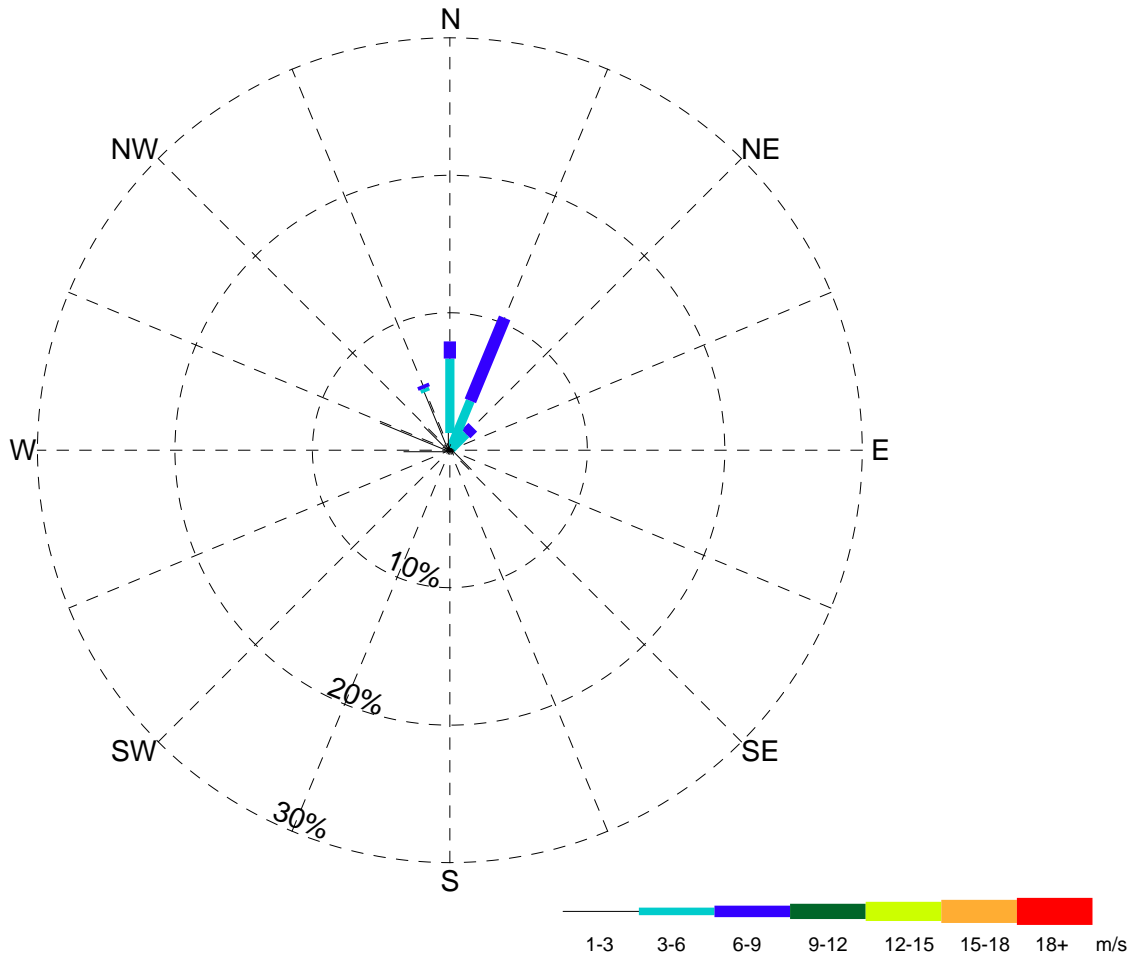
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, March 2007

FIGURE NUMBER: **C-2.19**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	0.14	1.53	0.69	-	-	-	-	2.36
NNE	-	0.42	3.47	6.53	-	-	-	-	10.42
N	-	1.25	5.42	1.25	-	-	-	-	7.92
NNW	-	4.58	0.28	0.28	-	-	-	-	5.14
NW	-	2.50	-	-	-	-	-	-	2.50
WNW	-	5.42	-	-	-	-	-	-	5.42
W	-	3.33	-	-	-	-	-	-	3.33
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	0.42	-	-	-	-	-	-	0.42
SE	-	2.08	-	-	-	-	-	-	2.08
ESE	-	0.28	-	-	-	-	-	-	0.28
E	-	0.14	-	-	-	-	-	-	0.14
Calm	60.00	-	-	-	-	-	-	-	60.00
Total (%)	60.00	20.56	10.69	8.75	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Apr. 1, 2007
 End Date: Apr. 30, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

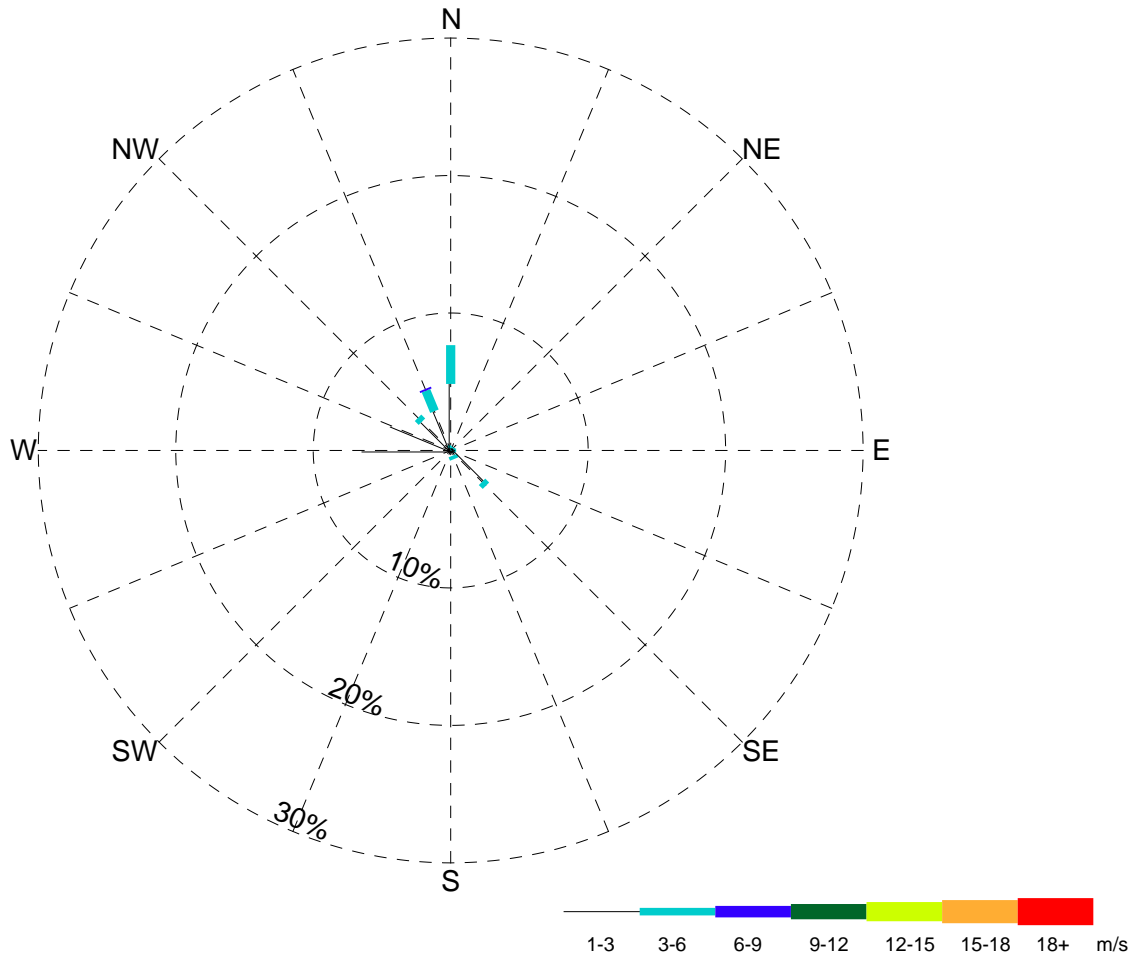
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, April 2007

FIGURE NUMBER: **C-2.20** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: May 1, 2007
 End Date: May 31, 2007
 Comment:

Wind Speed & Direction Frequency Distribution Table

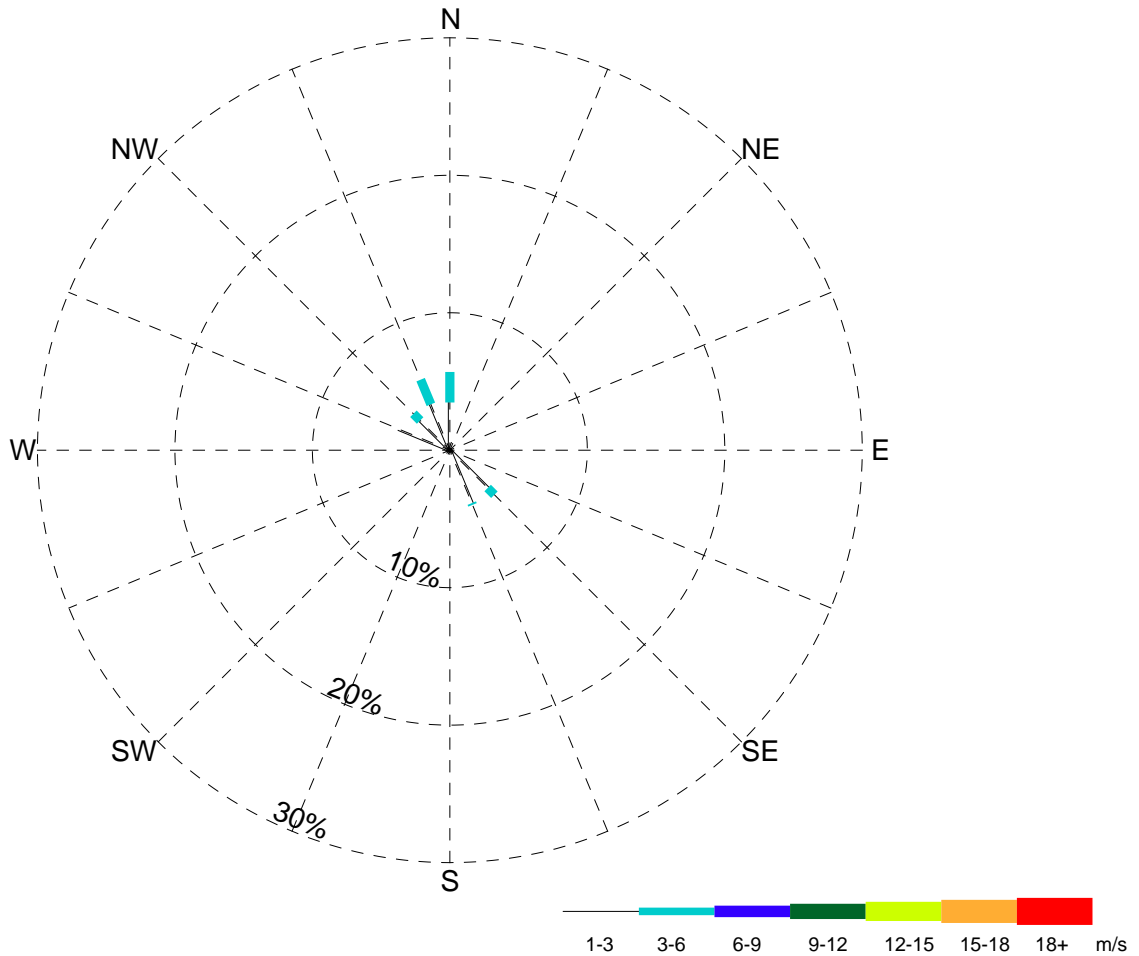
Direction	Percent Occurrence (%)							Total (%)	
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s		18+ m/s
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	0.27	-	-	-	-	-	0.27
NNE	-	0.13	0.13	-	-	-	-	-	0.27
N	-	4.84	2.82	-	-	-	-	-	7.66
NNW	-	3.09	1.61	0.13	-	-	-	-	4.84
NW	-	2.96	0.40	-	-	-	-	-	3.36
WNW	-	4.70	-	-	-	-	-	-	4.70
W	-	6.45	-	-	-	-	-	-	6.45
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	0.40	0.27	-	-	-	-	-	0.67
SE	-	3.23	0.40	-	-	-	-	-	3.63
ESE	-	0.27	-	-	-	-	-	-	0.27
E	-	0.13	-	-	-	-	-	-	0.13
Calm	67.61	-	-	-	-	-	-	-	67.61
Total (%)	67.61	26.34	5.91	0.13	-	-	-	-	100.00

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, May 2007

FIGURE NUMBER: **C-2.21** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.56	-	-	-	-	-	-	0.56
N	-	3.47	2.22	-	-	-	-	-	5.69
NNW	-	3.61	1.94	-	-	-	-	-	5.56
NW	-	3.06	0.69	-	-	-	-	-	3.75
WNW	-	4.03	-	-	-	-	-	-	4.03
W	-	0.28	-	-	-	-	-	-	0.28
WSW	-	-	-	-	-	-	-	-	-
SW	-	0.14	-	-	-	-	-	-	0.14
SSW	-	-	-	-	-	-	-	-	-
S	-	0.14	-	-	-	-	-	-	0.14
SSE	-	4.17	0.14	-	-	-	-	-	4.31
SE	-	3.89	0.69	-	-	-	-	-	4.58
ESE	-	-	-	-	-	-	-	-	-
E	-	0.14	-	-	-	-	-	-	0.14
Calm	70.83	-	-	-	-	-	-	-	70.83
Total (%)	70.83	23.47	5.69	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Jun. 1, 2007
 End Date: Jun. 30, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

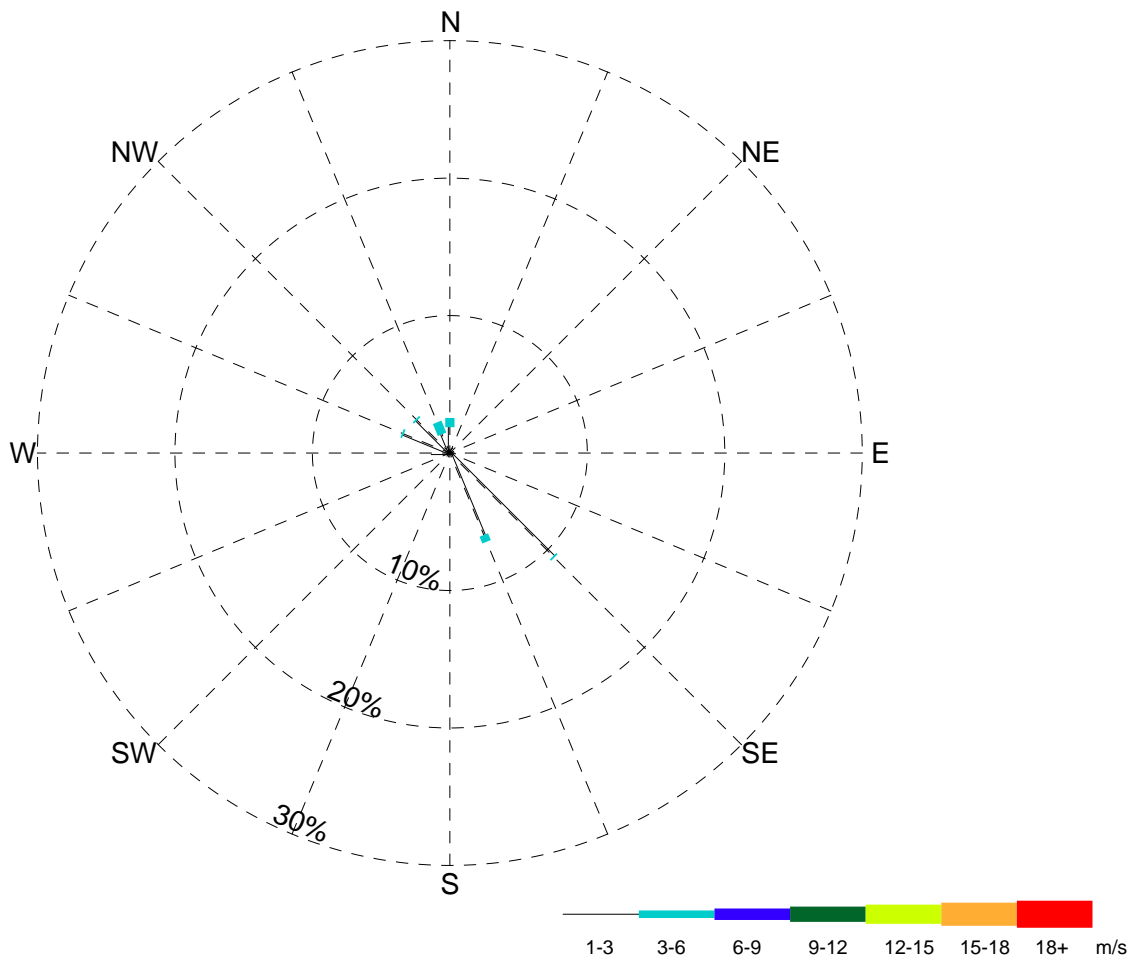
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, June 2007

FIGURE NUMBER: **C-2.22** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	0.40	-	-	-	-	-	-	0.40
NNE	-	0.27	-	-	-	-	-	-	0.27
N	-	1.88	0.67	-	-	-	-	-	2.55
NNW	-	1.48	0.94	-	-	-	-	-	2.42
NW	-	3.36	0.13	-	-	-	-	-	3.49
WNW	-	3.63	0.13	-	-	-	-	-	3.76
W	-	1.34	-	-	-	-	-	-	1.34
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	6.45	0.54	-	-	-	-	-	6.99
SE	-	10.62	0.13	-	-	-	-	-	10.75
ESE	-	0.40	-	-	-	-	-	-	0.40
E	-	-	-	-	-	-	-	-	-
Calm	67.61	-	-	-	-	-	-	-	67.61
Total (%)	67.61	29.84	2.55	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Jul. 1, 2007
 End Date: Jul. 31, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:


PREPARED FOR:

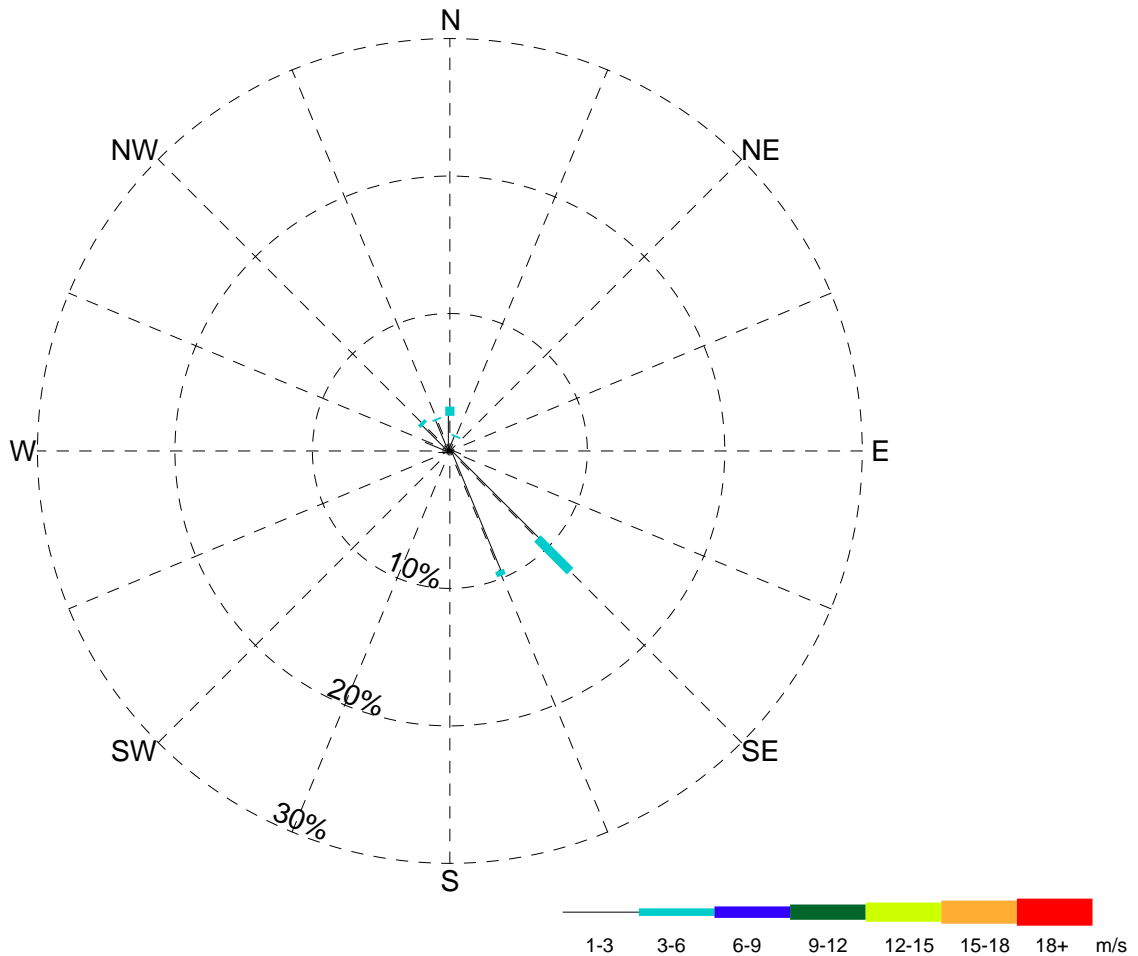

ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, July 2007

FIGURE NUMBER: **C-2.23** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	1.08	0.13	-	-	-	-	-	1.21
N	-	2.55	0.67	-	-	-	-	-	3.23
NNW	-	2.42	0.13	-	-	-	-	-	2.55
NW	-	2.69	0.27	-	-	-	-	-	2.96
WNW	-	1.88	-	-	-	-	-	-	1.88
W	-	0.81	-	-	-	-	-	-	0.81
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	9.41	0.40	-	-	-	-	-	9.81
SE	-	9.01	3.36	-	-	-	-	-	12.37
ESE	-	0.81	-	-	-	-	-	-	0.81
E	-	0.13	-	-	-	-	-	-	0.13
Calm	64.25	-	-	-	-	-	-	-	64.25
Total (%)	64.25	30.78	4.97	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Aug. 1, 2007
 End Date: Aug. 31, 2007
 Comment:

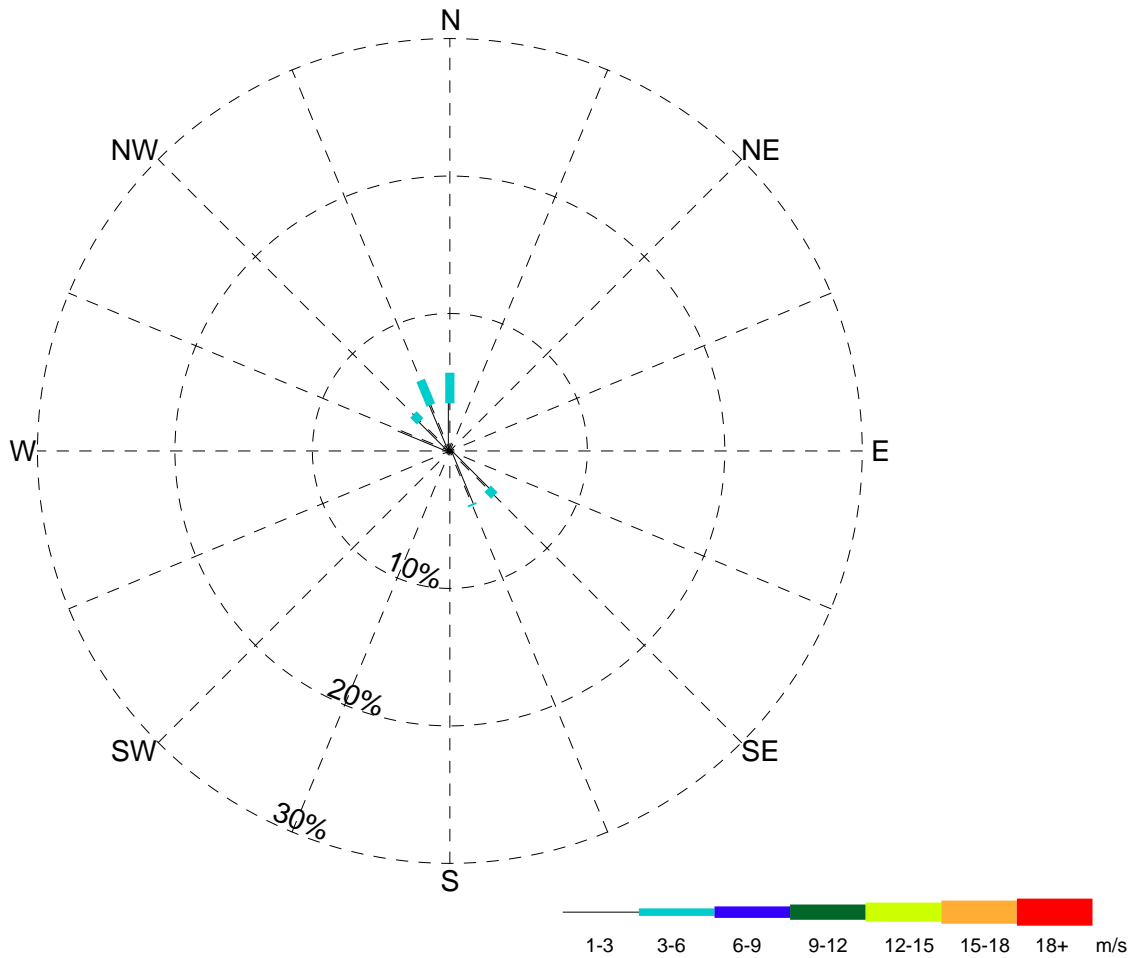
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, August 2007

FIGURE NUMBER: **C-2.24**
 DATE: 20090727
 SCALE:
 AUTHOR: TM
 APPROVED BY: JAS
 PROJECTION:
 DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.56	-	-	-	-	-	-	0.56
N	-	3.47	2.22	-	-	-	-	-	5.69
NNW	-	3.61	1.94	-	-	-	-	-	5.56
NW	-	3.06	0.69	-	-	-	-	-	3.75
WNW	-	4.03	-	-	-	-	-	-	4.03
W	-	0.28	-	-	-	-	-	-	0.28
WSW	-	-	-	-	-	-	-	-	-
SW	-	0.14	-	-	-	-	-	-	0.14
SSW	-	-	-	-	-	-	-	-	-
S	-	0.14	-	-	-	-	-	-	0.14
SSE	-	4.17	0.14	-	-	-	-	-	4.31
SE	-	3.89	0.69	-	-	-	-	-	4.58
ESE	-	-	-	-	-	-	-	-	-
E	-	0.14	-	-	-	-	-	-	0.14
Calm	70.83	-	-	-	-	-	-	-	70.83
Total (%)	70.83	23.47	5.69	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Sep. 1, 2007
 End Date: Sep. 30, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:


PREPARED FOR:

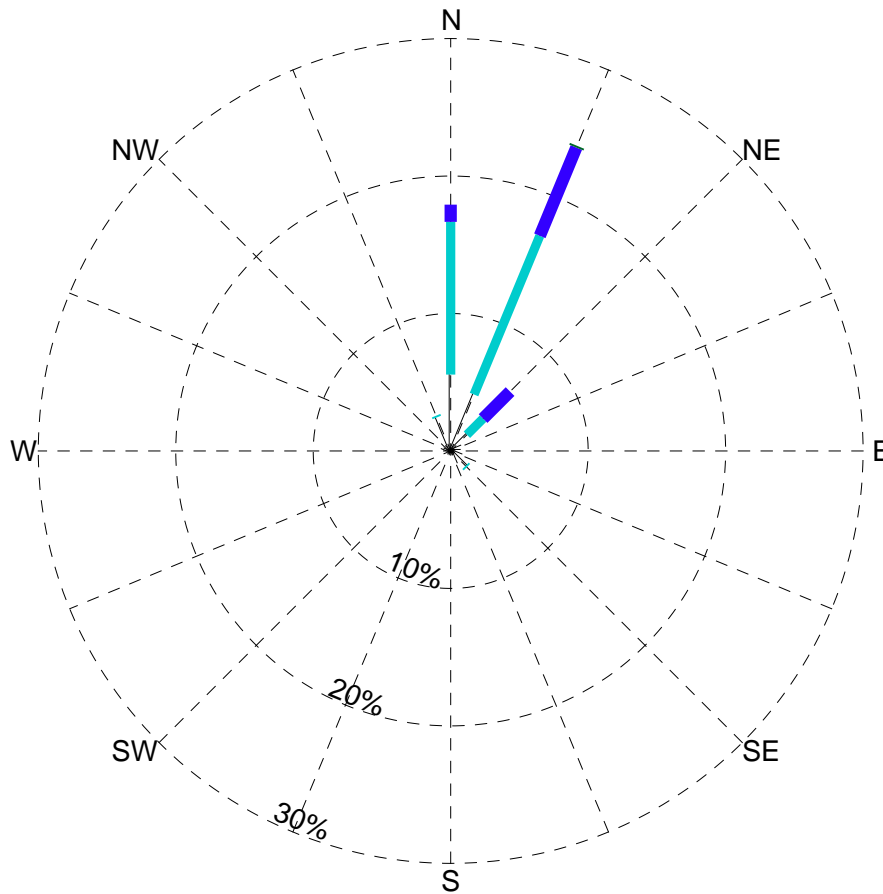

ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, September 2007

FIGURE NUMBER: **C-2.25** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.83	-	-	-	-	-	-	0.83
NE	-	1.67	1.67	2.78	-	-	-	-	6.11
NNE	-	4.44	12.50	6.94	0.14	-	-	-	24.03
N	-	5.56	11.11	1.25	-	-	-	-	17.92
NNW	-	2.64	0.14	-	-	-	-	-	2.78
NW	-	0.83	-	-	-	-	-	-	0.83
WNW	-	0.69	-	-	-	-	-	-	0.69
W	-	0.14	-	-	-	-	-	-	0.14
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.28	-	-	-	-	-	-	0.28
SSE	-	0.97	-	-	-	-	-	-	0.97
SE	-	1.53	0.14	-	-	-	-	-	1.67
ESE	-	0.83	-	-	-	-	-	-	0.83
E	-	0.69	-	-	-	-	-	-	0.69
Calm	42.22	-	-	-	-	-	-	-	42.22
Total (%)	42.22	21.11	25.56	10.97	0.14	-	-	-	100.00

Station Name: Kersey Point

NAD 27 Location:

N53° 46' 34.9" W128° 51' 34.2"

Elev. above SL: 5 m

Tower height: 10 m

Record length: 30 days

Start Date: Nov. 1, 2007

End Date: Nov. 30, 2007

Comment:

CONTRACTOR:
HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

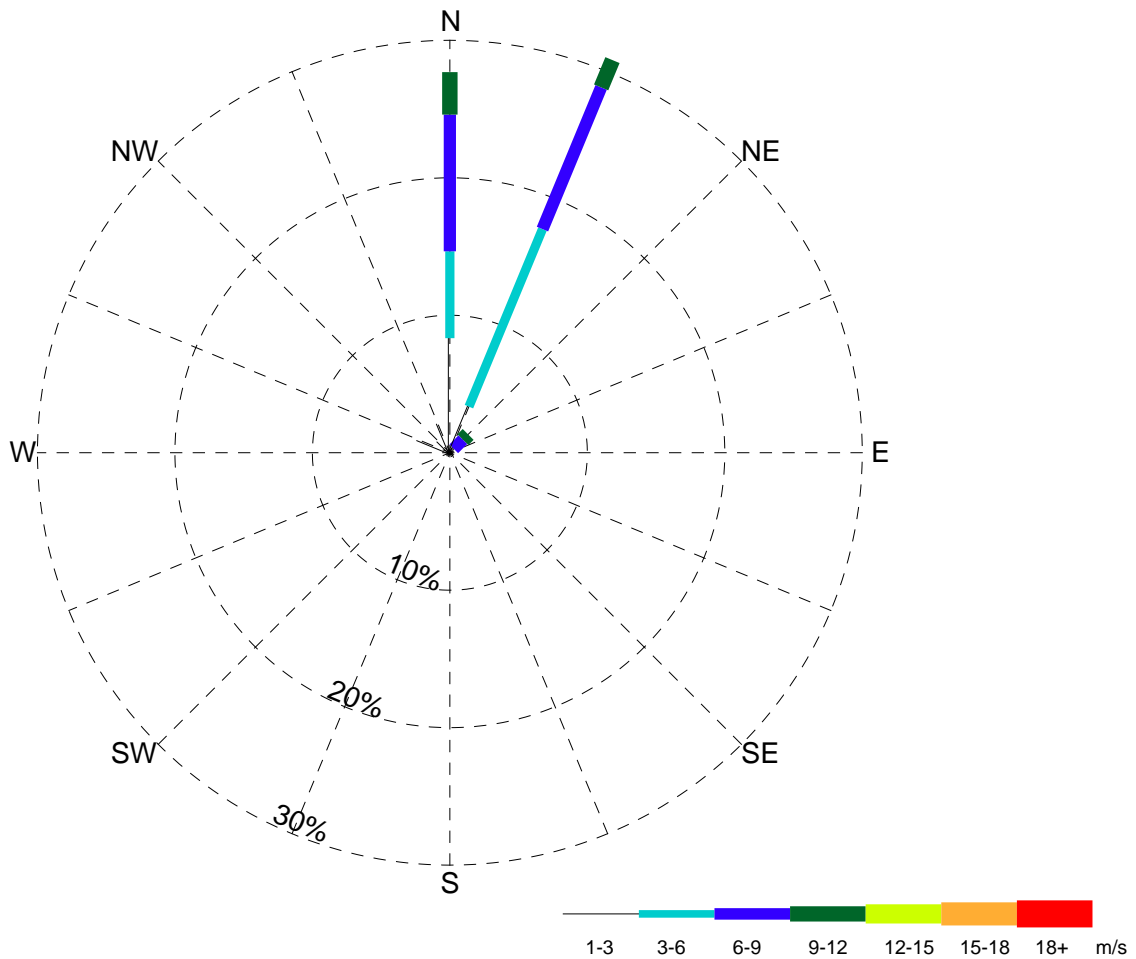
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, November 2007

FIGURE NUMBER: **C-2.27** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	-	-	-	-	-	-	-	-
NE	-	0.40	-	0.94	0.54	-	-	-	1.88
NNE	-	3.63	13.98	11.16	2.15	-	-	-	30.91
N	-	8.33	6.32	9.95	3.09	-	-	-	27.69
NNW	-	2.29	-	-	-	-	-	-	2.29
NW	-	1.21	-	-	-	-	-	-	1.21
WNW	-	2.55	-	-	-	-	-	-	2.55
W	-	0.27	-	-	-	-	-	-	0.27
WSW	-	-	-	-	-	-	-	-	-
SW	-	0.13	-	-	-	-	-	-	0.13
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	0.40	-	-	-	-	-	-	0.40
SE	-	0.13	-	-	-	-	-	-	0.13
ESE	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-
Calm	32.39	-	-	-	-	-	-	-	32.39
Total (%)	32.39	19.49	20.30	22.04	5.78	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Dec. 1, 2007
 End Date: Dec. 31, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

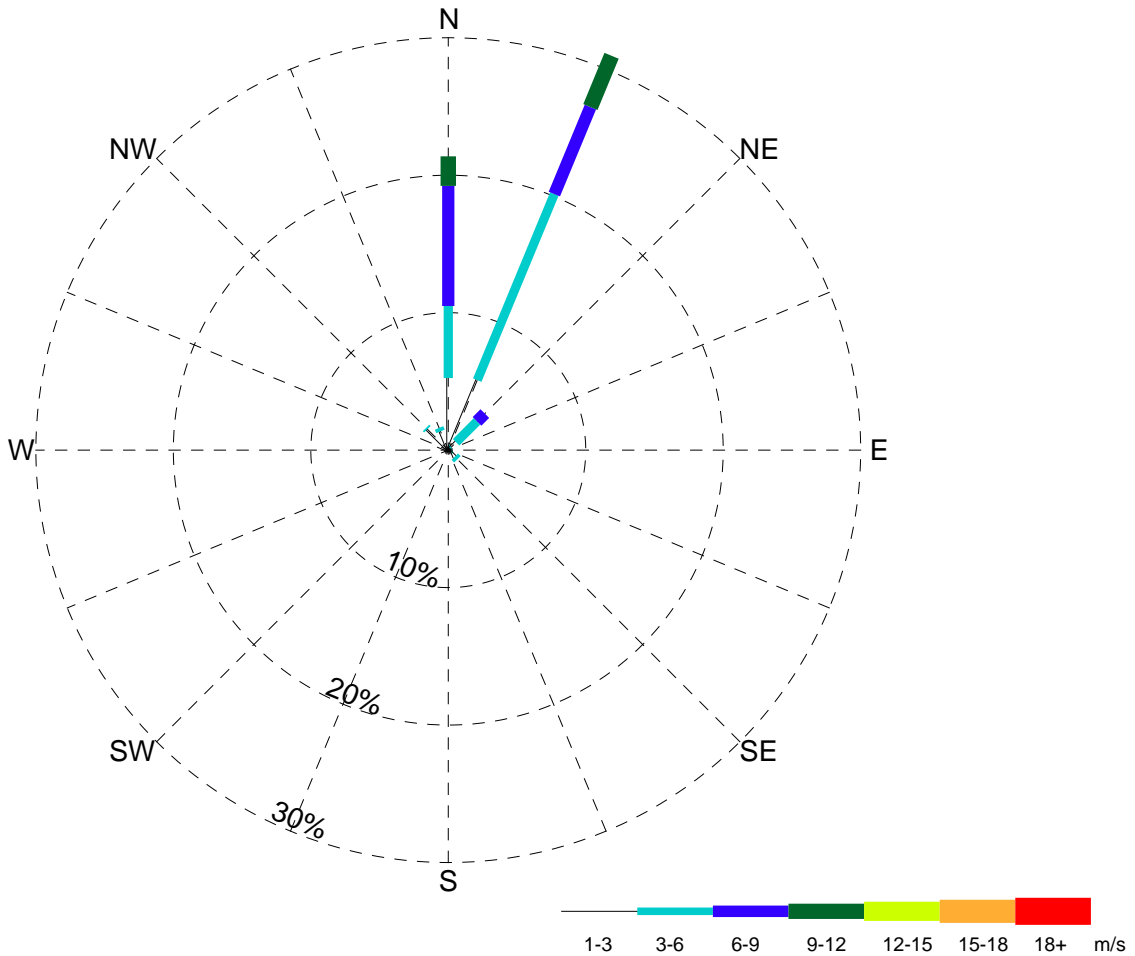
ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, December 2007

FIGURE NUMBER: **C-2.28** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.13	0.13	-	-	-	-	-	0.27
NE	-	0.81	2.15	0.81	-	-	-	-	3.76
NNE	-	5.51	14.65	6.86	4.03	-	-	-	31.05
N	-	5.24	5.24	8.74	2.15	-	-	-	21.37
NNW	-	1.48	0.27	-	-	-	-	-	1.75
NW	-	2.15	0.13	-	-	-	-	-	2.29
WNW	-	0.81	-	-	-	-	-	-	0.81
W	-	0.27	-	-	-	-	-	-	0.27
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	0.81	-	-	-	-	-	-	0.81
SE	-	0.67	0.27	-	-	-	-	-	0.94
ESE	-	0.27	-	-	-	-	-	-	0.27
E	-	0.13	-	-	-	-	-	-	0.13
Calm	36.29	-	-	-	-	-	-	-	36.29
Total (%)	36.29	18.28	22.85	16.40	6.18	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Jan. 1, 2008
 End Date: Jan. 31, 2008
 Comment:

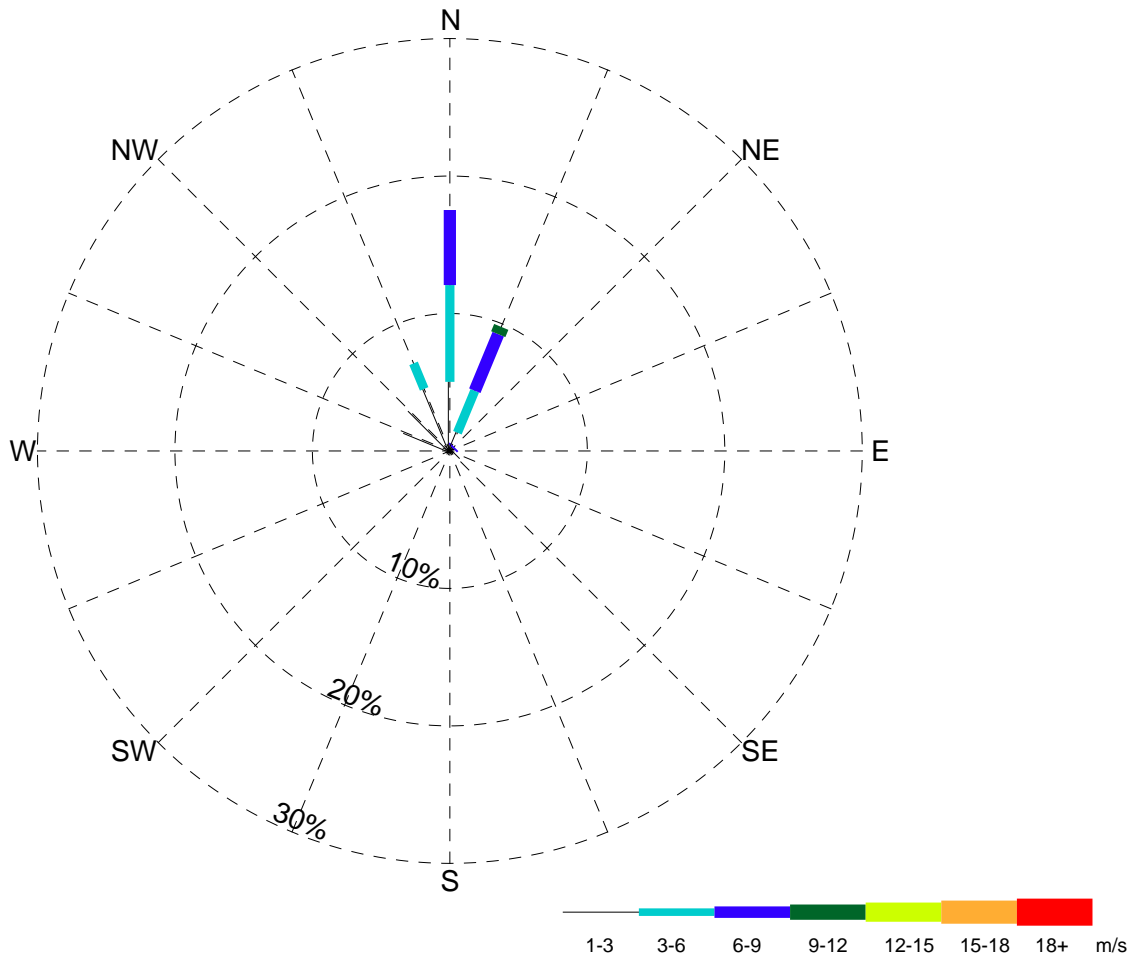
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, January 2008

FIGURE NUMBER: **C-2.29** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.14	-	-	-	-	-	-	0.14
NE	-	0.29	-	0.14	-	-	-	-	0.43
NNE	-	1.44	3.31	4.45	0.57	-	-	-	9.77
N	-	5.03	7.04	5.46	-	-	-	-	17.53
NNW	-	4.89	2.01	-	-	-	-	-	6.90
NW	-	4.17	-	-	-	-	-	-	4.17
WNW	-	3.59	-	-	-	-	-	-	3.59
W	-	0.29	-	-	-	-	-	-	0.29
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	0.14	-	-	-	-	-	-	0.14
S	-	0.14	-	-	-	-	-	-	0.14
SSE	-	0.29	-	-	-	-	-	-	0.29
SE	-	0.86	-	-	-	-	-	-	0.86
ESE	-	-	-	-	-	-	-	-	-
E	-	0.29	-	-	-	-	-	-	0.29
Calm	55.46	-	-	-	-	-	-	-	55.46
Total (%)	55.46	21.55	12.36	10.06	0.57	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 29 days
 Start Date: Feb. 1, 2008
 End Date: Feb. 29, 2008
 Comment:

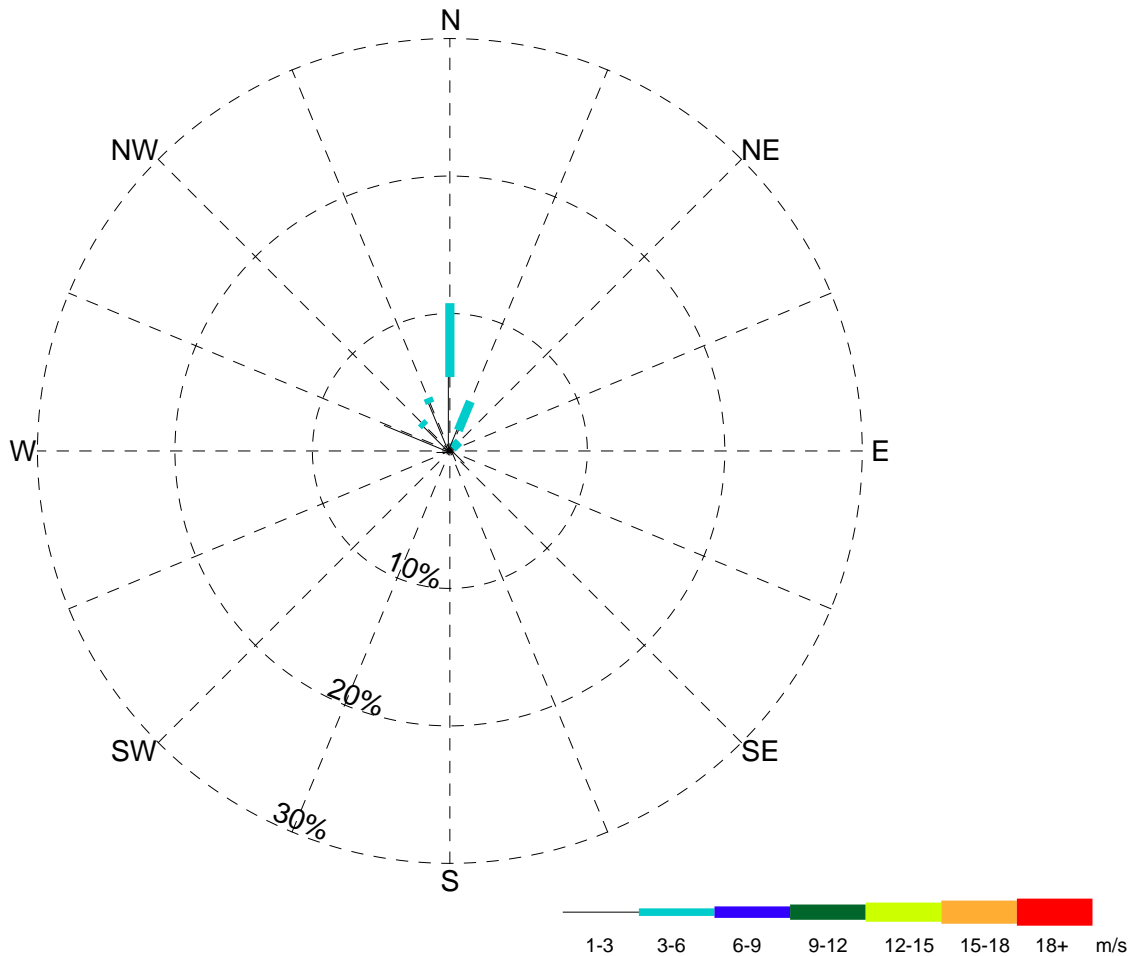
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, February 2008

FIGURE NUMBER: **C-2.30** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECTION: DATUM:



Wind Speed & Direction Frequency Distribution Table

Direction	Percent Occurrence (%)								Total (%)
	0-1 m/s	1-3 m/s	3-6 m/s	6-9 m/s	9-12 m/s	12-15 m/s	15-18 m/s	18+ m/s	
ENE	-	0.13	-	-	-	-	-	-	0.13
NE	-	0.27	0.67	-	-	-	-	-	0.94
NNE	-	1.61	2.29	-	-	-	-	-	3.90
N	-	5.38	5.38	-	-	-	-	-	10.75
NNW	-	3.76	0.40	-	-	-	-	-	4.17
NW	-	2.55	0.40	-	-	-	-	-	2.96
WNW	-	5.11	-	-	-	-	-	-	5.11
W	-	0.94	-	-	-	-	-	-	0.94
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	0.81	-	-	-	-	-	-	0.81
SE	-	1.34	-	-	-	-	-	-	1.34
ESE	-	0.13	-	-	-	-	-	-	0.13
E	-	-	-	-	-	-	-	-	-
Calm	68.68	-	-	-	-	-	-	-	68.68
Total (%)	68.68	22.18	9.14	-	-	-	-	-	100.00

Station Name: Kersey Point
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Mar. 1, 2008
 End Date: Mar. 31, 2008
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Kersey Point Wind Rose, March 2008

FIGURE NUMBER: **C-2.31** DATE: 20090727
 SCALE: AUTHOR: TM APPROVED BY: JAS
 PROJECTION: DATUM:

