

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: Dorothy Island
 NAD 27 Location:
 N53° 46' 34.9" W128° 51' 34.2"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 8 days
 Start Date: Jan. 24, 2006
 End Date: Jan. 31, 2006
 Comment:

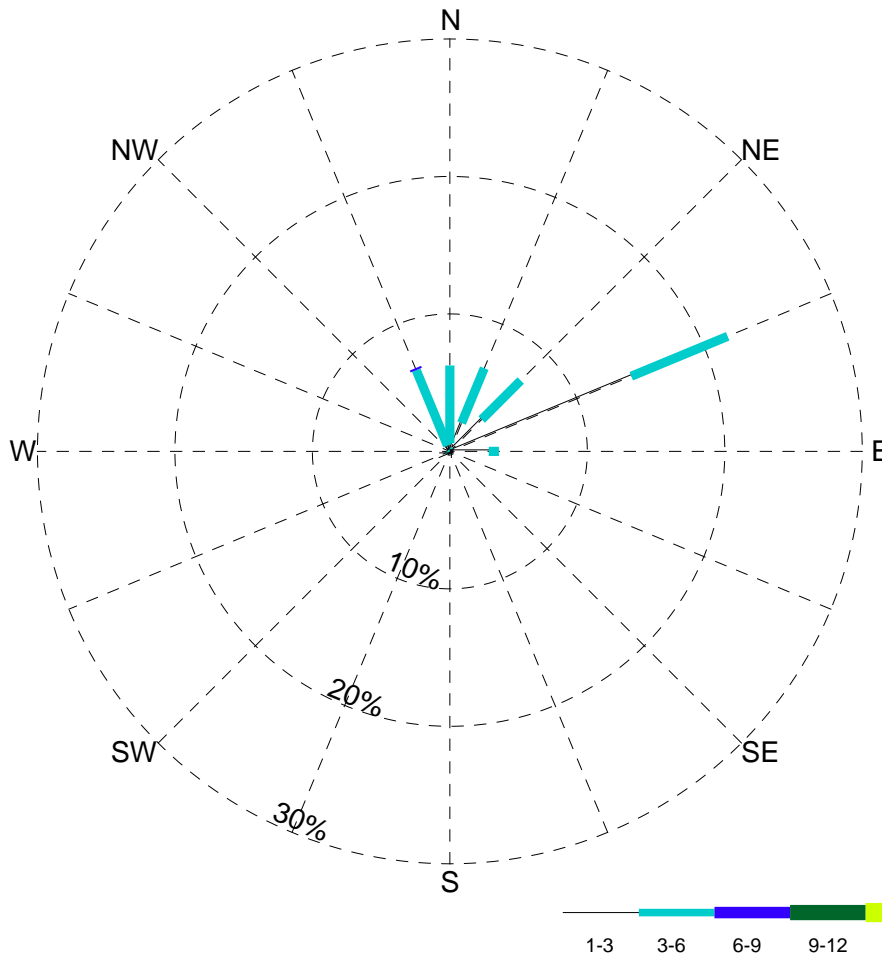
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, January 2006

FIGURE NUMBER: **D-2.01**
 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	-	14.29	7.59	-	-	-	-	-	21.88
NE	-	3.27	4.02	-	-	-	-	-	7.29
NNE	-	2.23	4.32	-	-	-	-	-	6.55
N	-	0.60	5.66	-	-	-	-	-	6.25
NNW	-	0.45	5.95	0.15	-	-	-	-	6.55
NW	-	-	0.15	-	-	-	-	-	0.15
WNW	-	-	-	-	-	-	-	-	-
W	-	0.74	-	-	-	-	-	-	0.74
WSW	-	0.89	-	-	-	-	-	-	0.89
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.45	-	-	-	-	-	-	0.45
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.83	0.74	-	-	-	-	-	3.57
Calm	45.69	-	-	-	-	-	-	-	45.69
Total (%)	45.69	25.74	28.42	0.15	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 28 days
 Start Date: Feb. 1, 2006
 End Date: Feb. 28, 2006
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:


PREPARED FOR:

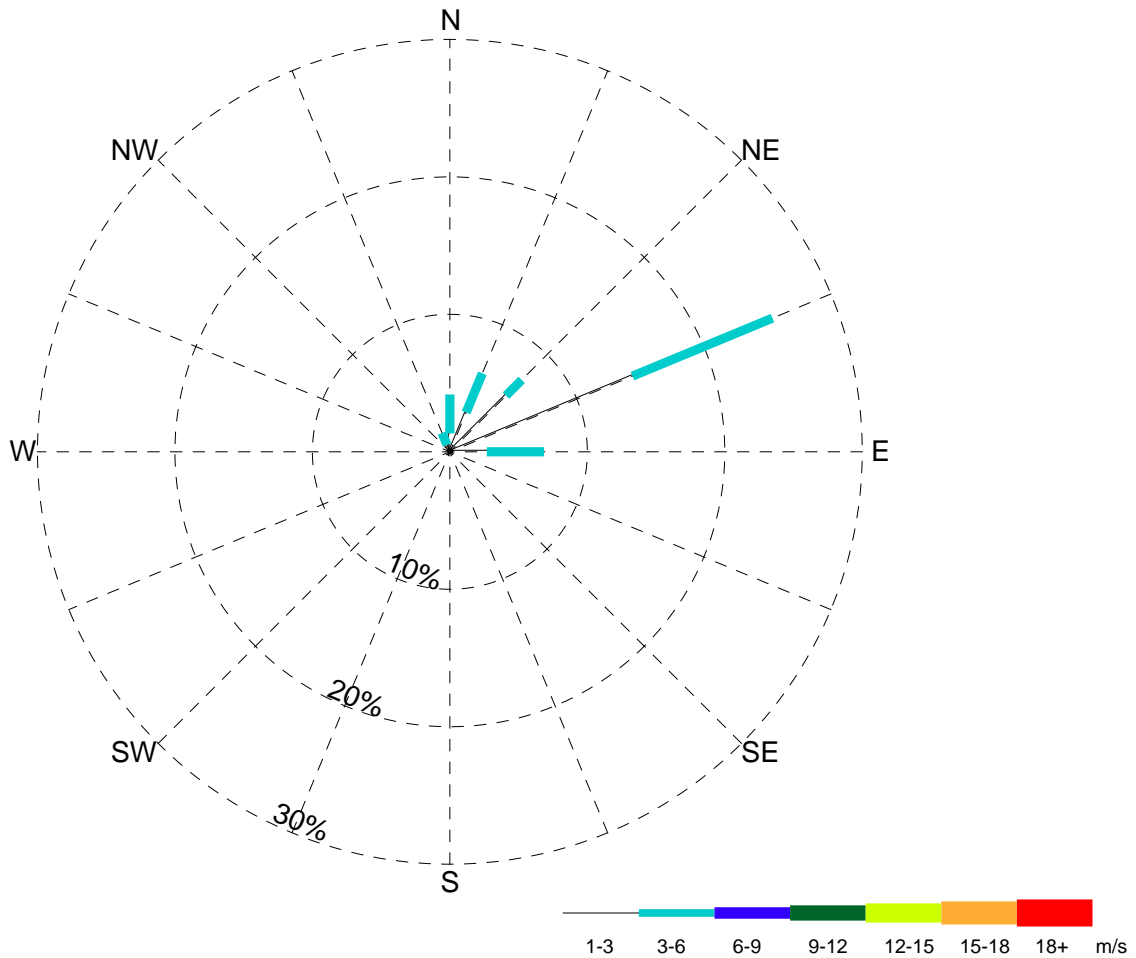

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, February 2006

FIGURE NUMBER: **D-2.02** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:



Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Mar. 1, 2006
 End Date: Mar. 31, 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	-	14.38	11.02	-	-	-	-	-	25.40
NE	-	5.78	1.61	-	-	-	-	-	7.39
NNE	-	3.09	3.09	-	-	-	-	-	6.18
N	-	1.34	2.82	-	-	-	-	-	4.17
NNW	-	0.54	0.94	-	-	-	-	-	1.48
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	0.27	-	-	-	-	-	-	0.27
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.69	4.17	-	-	-	-	-	6.86
Calm	48.25	-	-	-	-	-	-	-	48.25
Total (%)	48.25	28.09	23.66	-	-	-	-	-	100.00

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

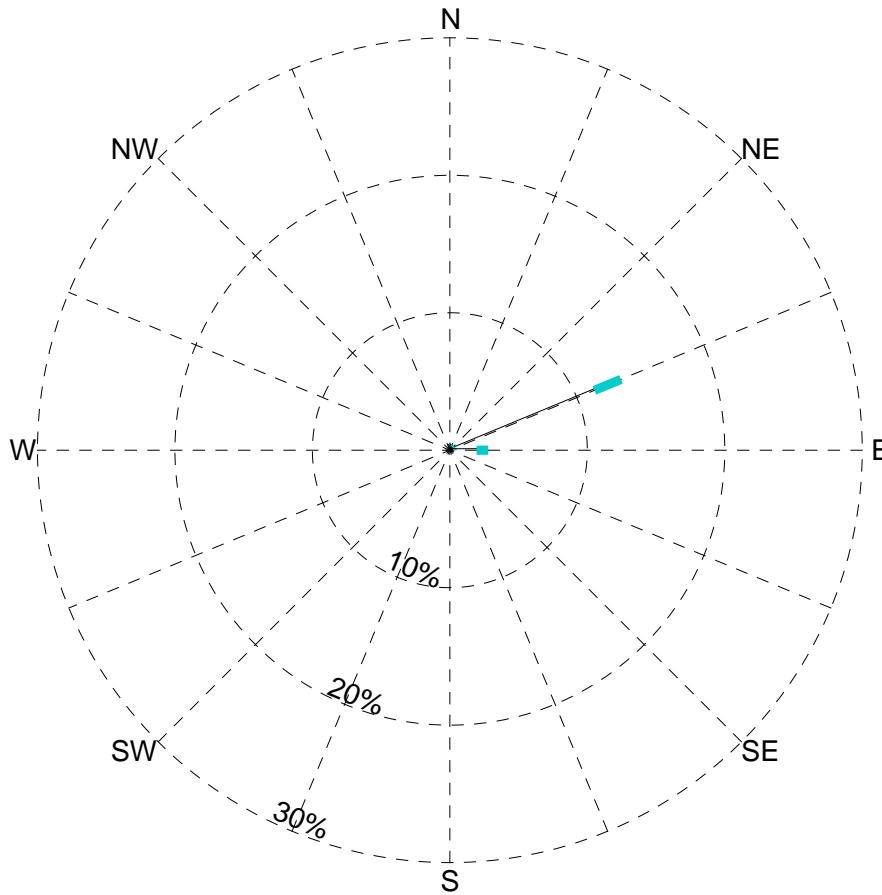
ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, March 2006

FIGURE NUMBER: **D-2.03** 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	-	11.39	2.08	-	-	-	-	-	13.47
NE	-	0.28	0.14	-	-	-	-	-	0.42
NNE	-	0.42	-	-	-	-	-	-	0.42
N	-	0.42	-	-	-	-	-	-	0.42
NNW	-	-	-	-	-	-	-	-	-
NW	-	0.14	-	-	-	-	-	-	0.14
WNW	-	0.28	-	-	-	-	-	-	0.28
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.94	0.83	-	-	-	-	-	2.78
Calm	82.08	-	-	-	-	-	-	-	82.08
Total (%)	82.08	14.86	3.06	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

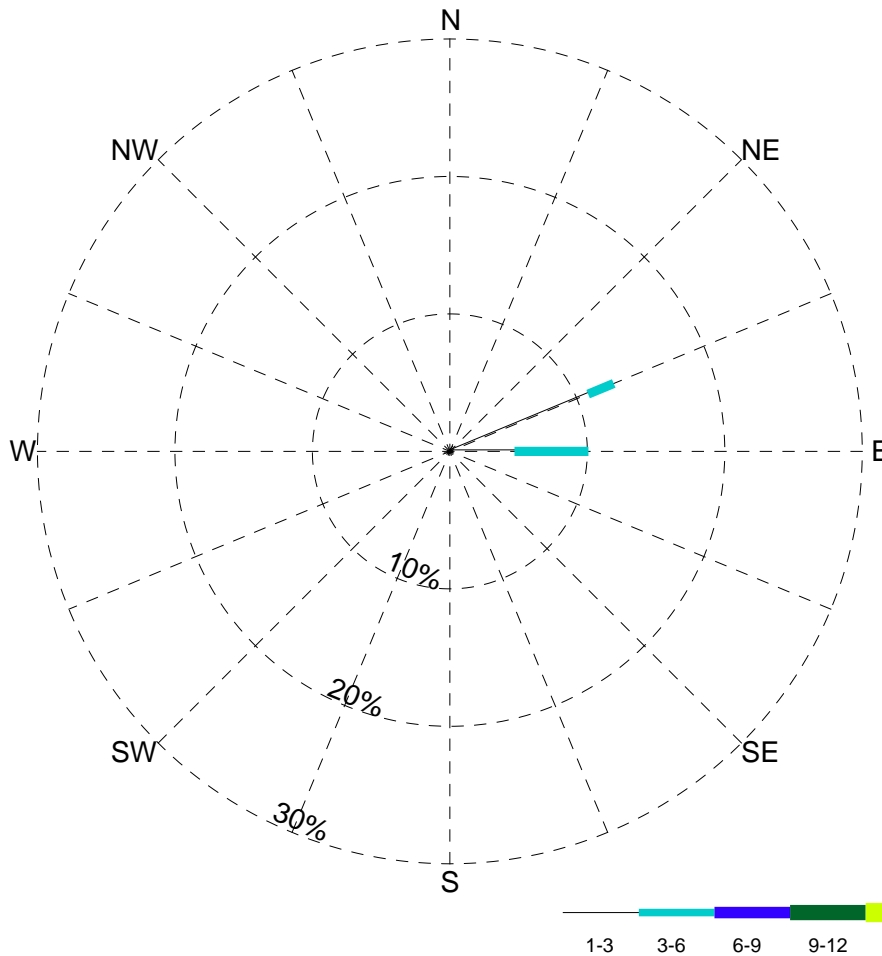
ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, April 2006

FIGURE NUMBER: **D-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	-	10.89	2.02	-	-	-	-	-	12.90
NE	-	0.40	-	-	-	-	-	-	0.40
NNE	-	-	-	-	-	-	-	-	-
N	-	-	-	-	-	-	-	-	-
NNW	-	0.13	-	-	-	-	-	-	0.13
NW	-	0.13	-	-	-	-	-	-	0.13
WNW	-	0.13	-	-	-	-	-	-	0.13
W	-	0.40	-	-	-	-	-	-	0.40
WSW	-	0.13	-	-	-	-	-	-	0.13
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	4.70	5.38	-	-	-	-	-	10.08
Calm	75.67	-	-	-	-	-	-	-	75.67
Total (%)	75.67	16.93	7.39	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

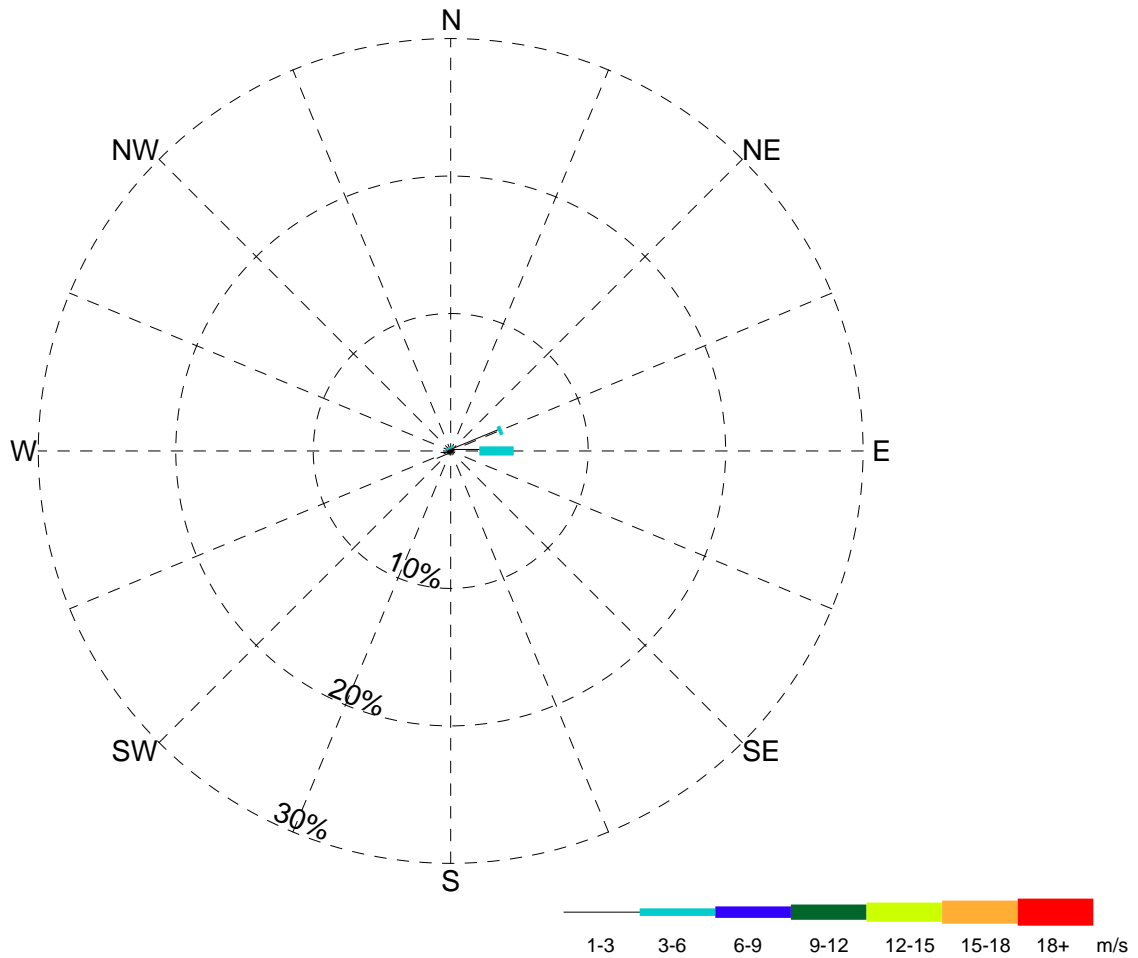

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, May 2006

FIGURE NUMBER: **D-2.05** 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	-	3.75	0.28	-	-	-	-	-	4.03
NE	-	-	-	-	-	-	-	-	-
NNE	-	0.14	-	-	-	-	-	-	0.14
N	-	-	-	-	-	-	-	-	-
NNW	-	0.14	0.14	-	-	-	-	-	0.28
NW	-	-	-	-	-	-	-	-	-
WNW	-	0.28	-	-	-	-	-	-	0.28
W	-	0.69	-	-	-	-	-	-	0.69
WSW	-	1.11	-	-	-	-	-	-	1.11
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.08	2.50	-	-	-	-	-	4.58
Calm	88.89	-	-	-	-	-	-	-	88.89
Total (%)	88.89	8.19	2.92	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Jun. 1, 2006
 End Date: Jun. 30, 2006
 Comment:

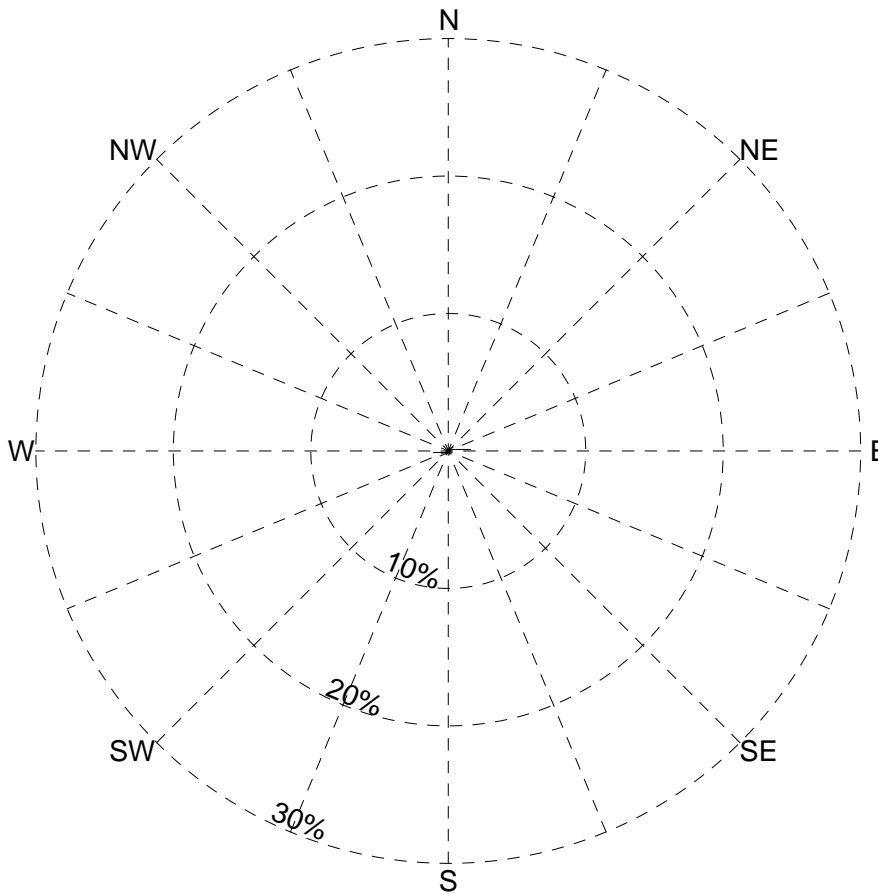
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, June 2006

FIGURE NUMBER: **D-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	-	0.40	-	-	-	-	-	-	0.40
NE	-	-	-	-	-	-	-	-	-
NNE	-	-	-	-	-	-	-	-	-
N	-	-	-	-	-	-	-	-	-
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	1.08	-	-	-	-	-	-	1.08
WSW	-	0.67	-	-	-	-	-	-	0.67
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.61	-	-	-	-	-	-	1.61
Calm	96.24	-	-	-	-	-	-	-	96.24
Total (%)	96.24	3.76	-	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

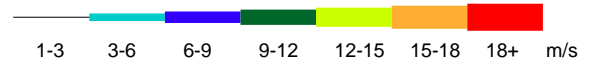
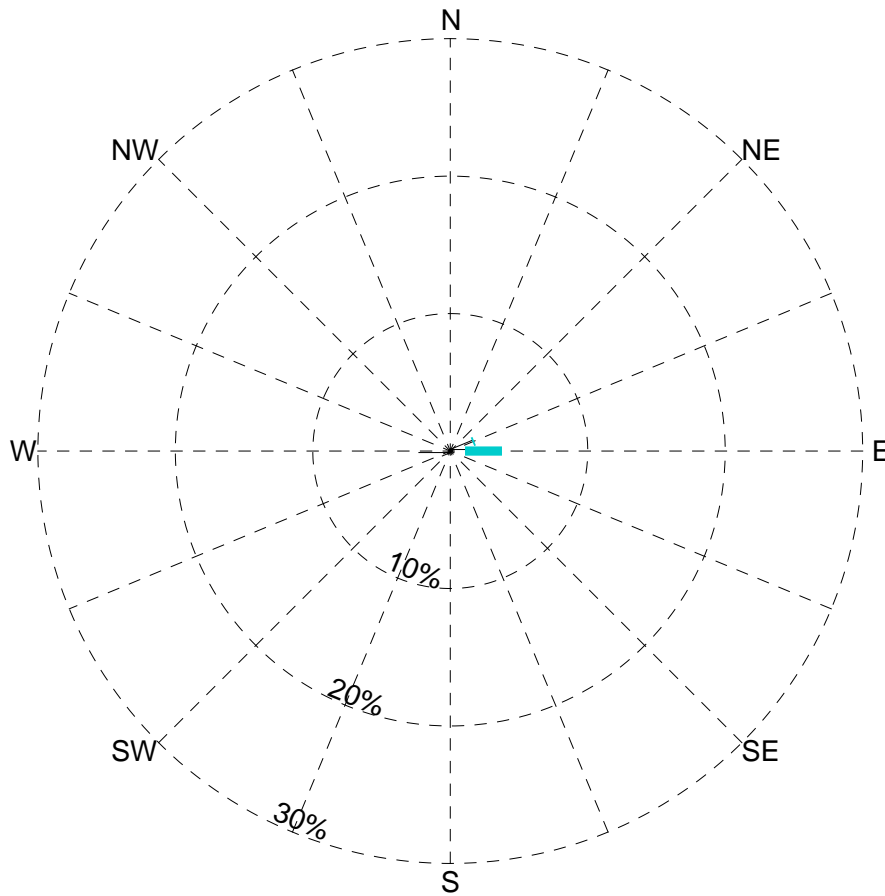

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, July 2006

FIGURE NUMBER: **D-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	-	1.75	0.13	-	-	-	-	-	1.88
NE	-	0.13	-	-	-	-	-	-	0.13
NNE	-	-	-	-	-	-	-	-	-
N	-	-	-	-	-	-	-	-	-
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	2.29	-	-	-	-	-	-	2.29
WSW	-	0.67	-	-	-	-	-	-	0.67
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.08	2.69	-	-	-	-	-	3.76
Calm	91.26	-	-	-	-	-	-	-	91.26
Total (%)	91.26	5.91	2.82	-	-	-	-	-	100.00

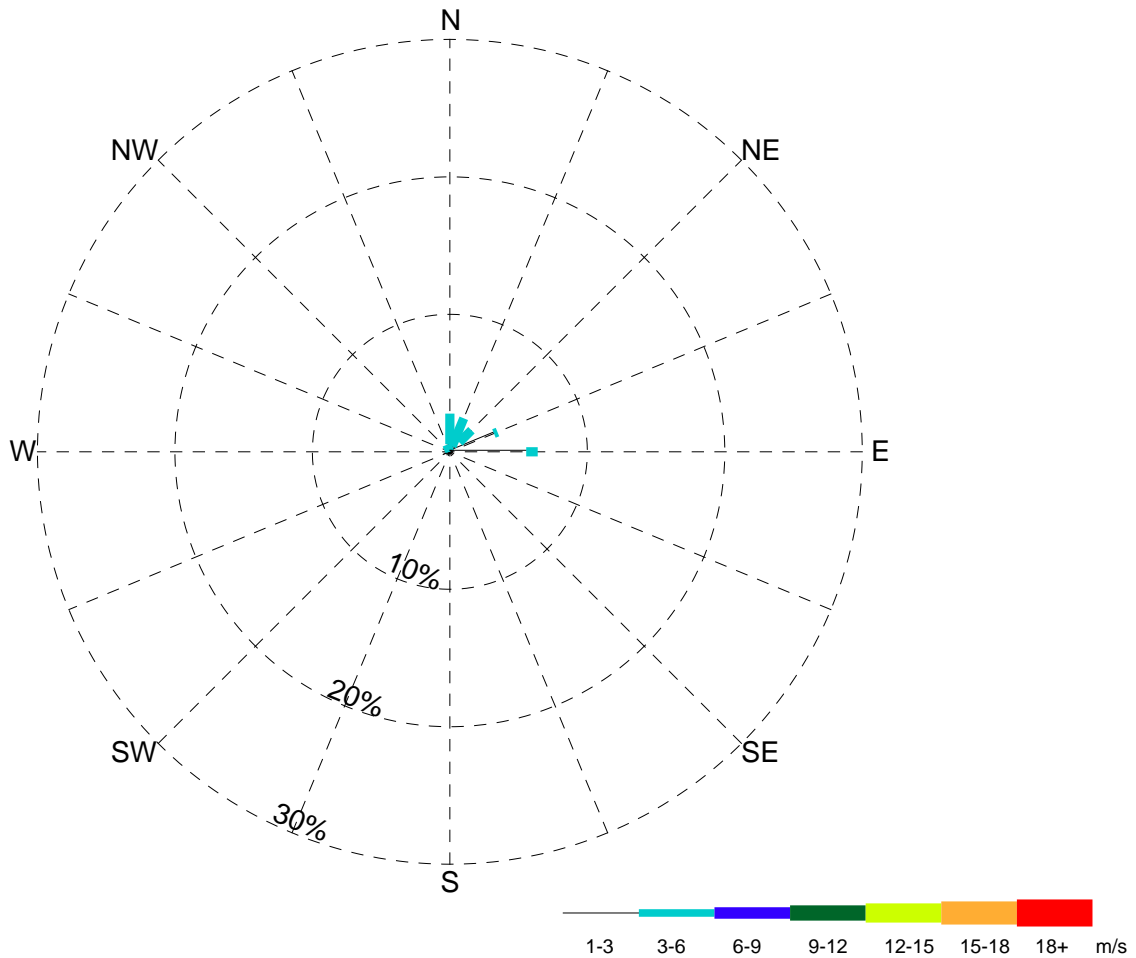
Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Aug. 1, 2006
 End Date: Aug. 31, 2006
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY: 
 PREPARED FOR: 

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, August 2006

FIGURE NUMBER: **D-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	-	3.47	0.28	-	-	-	-	-	3.75
NE	-	0.97	1.25	-	-	-	-	-	2.22
NNE	-	0.42	2.22	-	-	-	-	-	2.64
N	-	0.56	2.22	-	-	-	-	-	2.78
NNW	-	-	0.56	-	-	-	-	-	0.56
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	0.42	-	-	-	-	-	-	0.42
WSW	-	0.14	-	-	-	-	-	-	0.14
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	5.56	0.83	-	-	-	-	-	6.39
Calm	81.11	-	-	-	-	-	-	-	81.11
Total (%)	81.11	11.53	7.36	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Sep. 1, 2006
 End Date: Sep. 30, 2006
 Comment:

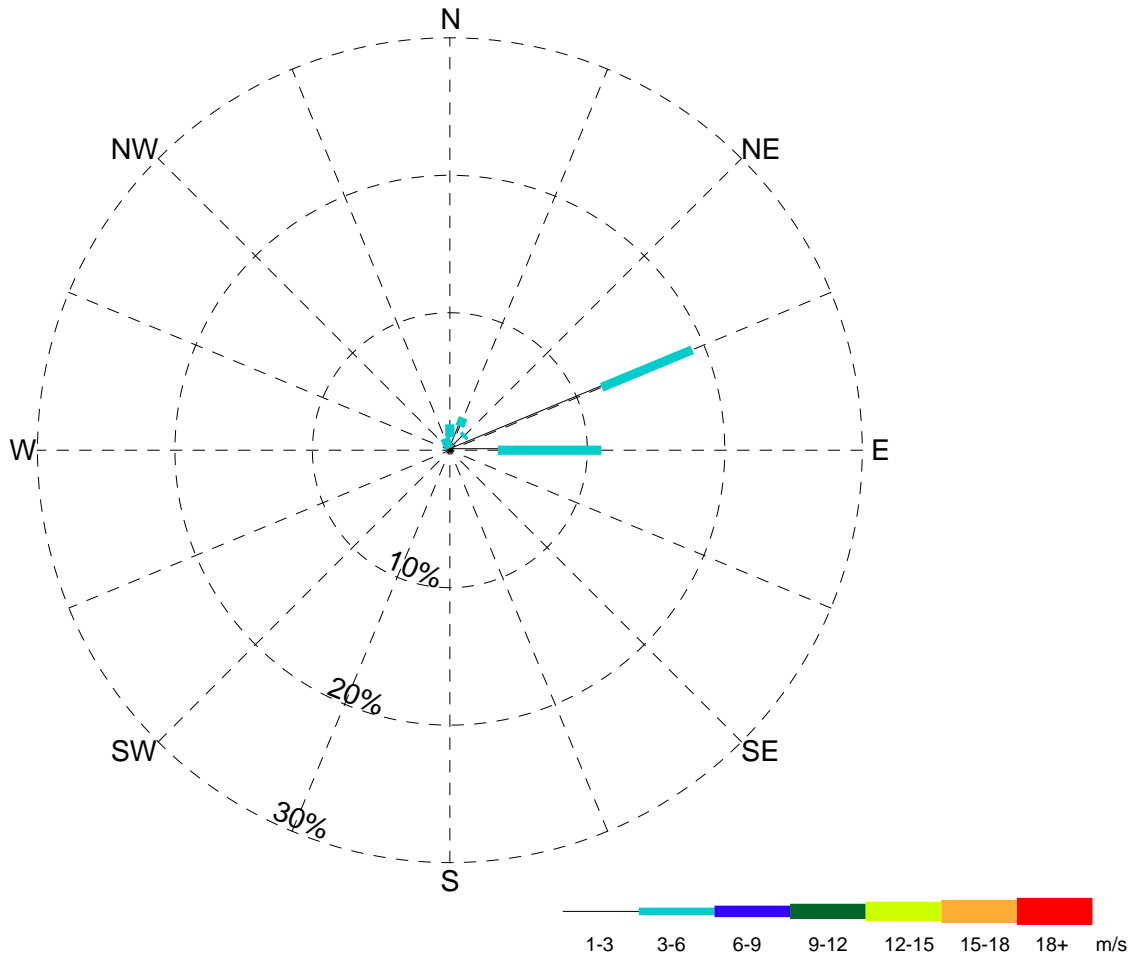
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, September 2006

FIGURE NUMBER: **D-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	-	11.96	7.12	-	-	-	-	-	19.09
NE	-	1.34	0.27	-	-	-	-	-	1.61
NNE	-	1.88	0.67	-	-	-	-	-	2.55
N	-	0.94	0.94	-	-	-	-	-	1.88
NNW	-	0.13	0.81	-	-	-	-	-	0.94
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	3.49	7.53	-	-	-	-	-	11.02
Calm	62.90	-	-	-	-	-	-	-	62.90
Total (%)	62.90	19.76	17.34	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Oct. 1, 2006
 End Date: Oct. 31, 2006
 Comment:

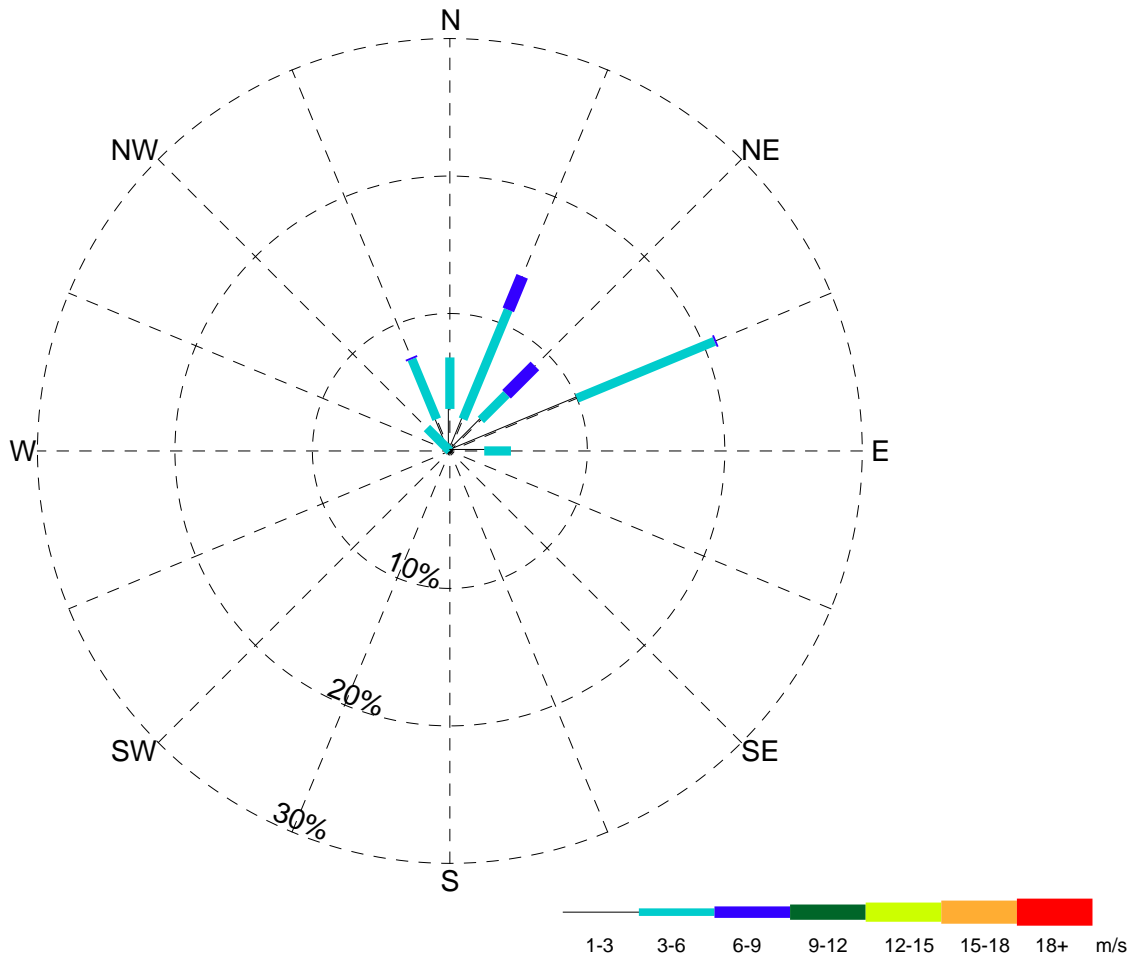
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, October 2006

FIGURE NUMBER: **D-2.10** 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	-	10.00	10.83	0.14	-	-	-	-	20.97
NE	-	3.19	2.64	2.92	-	-	-	-	8.75
NNE	-	2.50	8.61	2.64	-	-	-	-	13.75
N	-	3.06	3.75	-	-	-	-	-	6.81
NNW	-	2.50	4.72	0.14	-	-	-	-	7.36
NW	-	-	2.36	-	-	-	-	-	2.36
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	0.14	-	-	-	-	-	-	0.14
SW	-	-	-	-	-	-	-	-	-
SSW	-	0.14	-	-	-	-	-	-	0.14
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.50	1.94	-	-	-	-	-	4.44
Calm	35.28	-	-	-	-	-	-	-	35.28
Total (%)	35.28	24.03	34.86	5.83	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Nov. 1, 2006
 End Date: Nov. 30, 2006
 Comment:

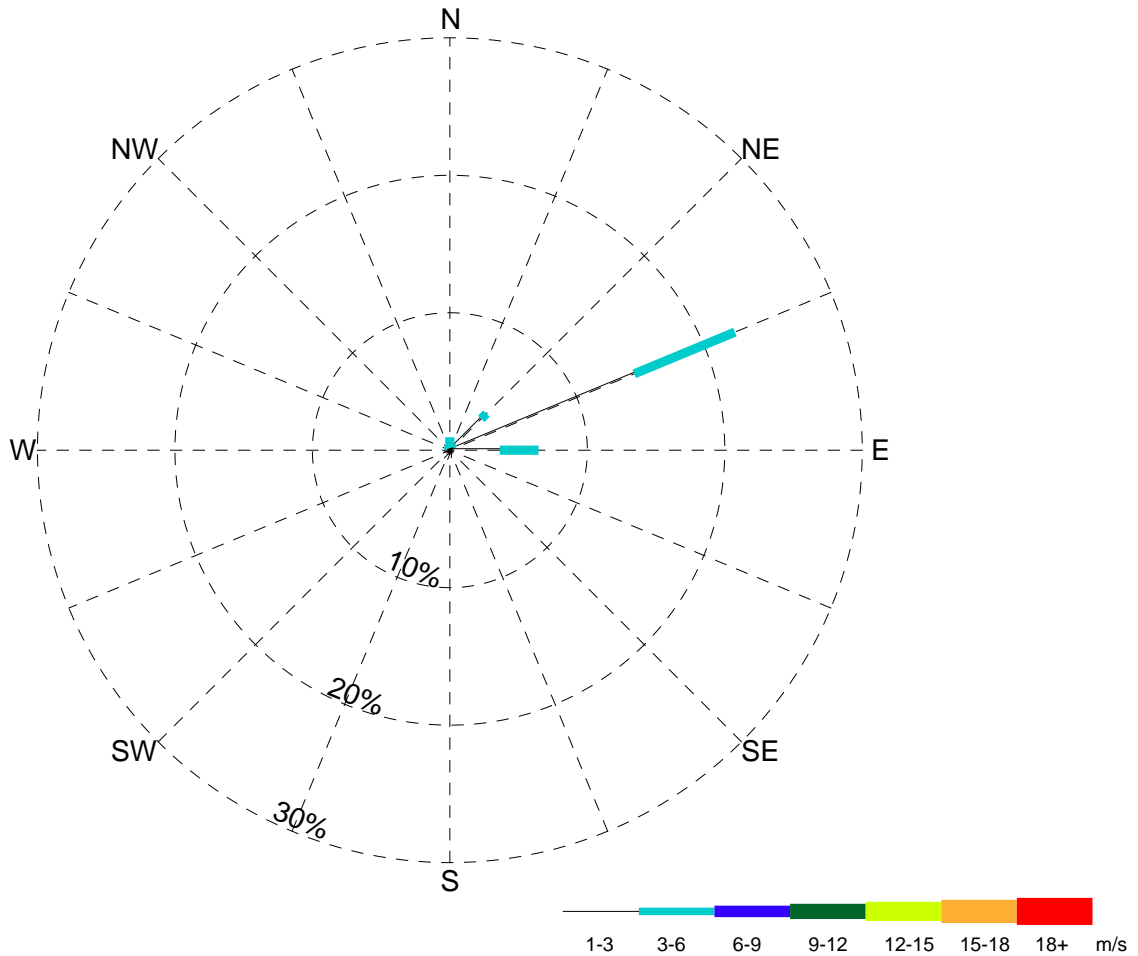
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, November 2006

FIGURE NUMBER: **D-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	-	14.52	7.93	-	-	-	-	-	22.45
NE	-	3.23	0.54	-	-	-	-	-	3.76
NNE	-	0.27	0.27	-	-	-	-	-	0.54
N	-	0.27	0.67	-	-	-	-	-	0.94
NNW	-	0.13	0.27	-	-	-	-	-	0.40
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	0.40	-	-	-	-	-	-	0.40
WSW	-	-	-	-	-	-	-	-	-
SW	-	0.67	-	-	-	-	-	-	0.67
SSW	-	0.67	-	-	-	-	-	-	0.67
S	-	0.54	-	-	-	-	-	-	0.54
SSE	-	0.13	-	-	-	-	-	-	0.13
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	3.63	2.82	-	-	-	-	-	6.45
Calm	63.04	-	-	-	-	-	-	-	63.04
Total (%)	63.04	24.46	12.50	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

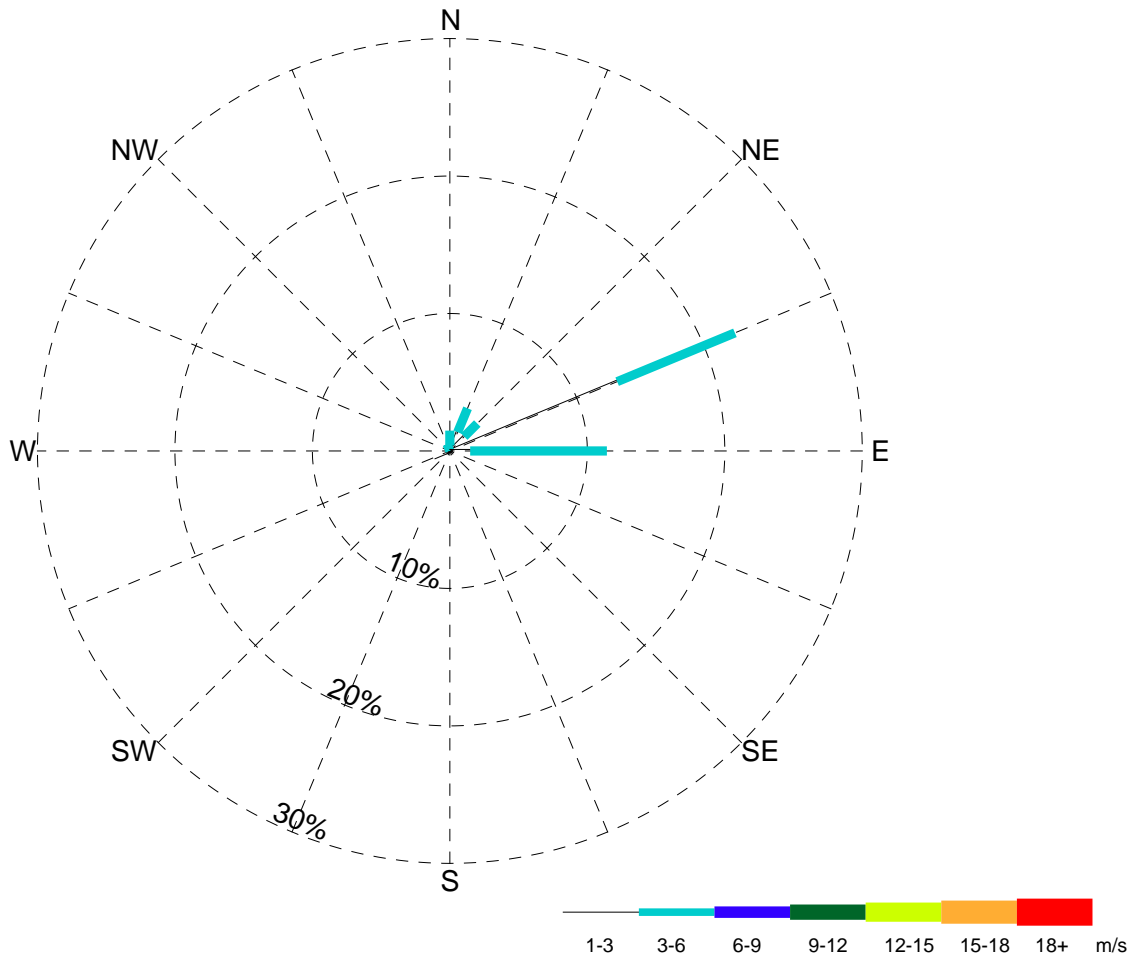
ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, December 2006

FIGURE NUMBER: **D-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	-	13.17	9.27	-	-	-	-	-	22.45
NE	-	1.48	1.34	-	-	-	-	-	2.82
NNE	-	1.48	1.88	-	-	-	-	-	3.36
N	-	0.40	1.08	-	-	-	-	-	1.48
NNW	-	-	0.54	-	-	-	-	-	0.54
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	0.13	-	-	-	-	-	-	0.13
WSW	-	1.21	-	-	-	-	-	-	1.21
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.48	9.95	-	-	-	-	-	11.43
Calm	56.59	-	-	-	-	-	-	-	56.59
Total (%)	56.59	19.35	24.06	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Jan. 1, 2007
 End Date: Jan. 31, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

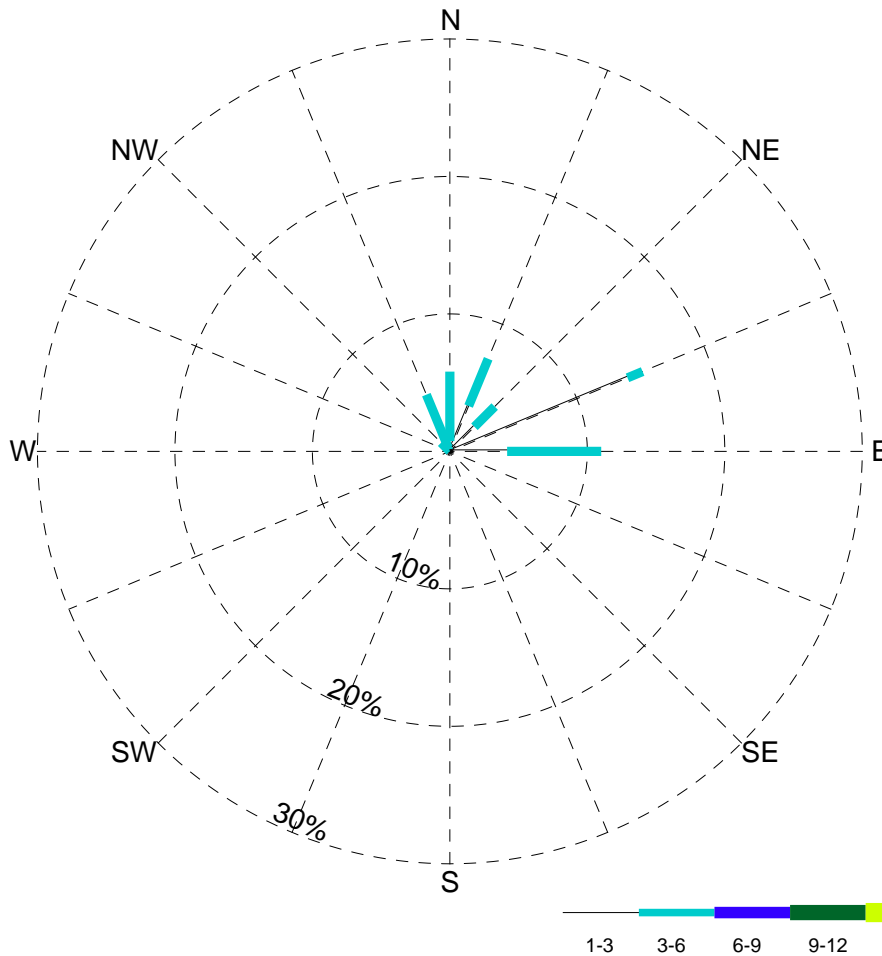
ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, January 2007

FIGURE NUMBER: **D-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	-	13.99	1.19	-	-	-	-	-	15.18
NE	-	2.53	2.08	-	-	-	-	-	4.61
NNE	-	3.57	3.72	-	-	-	-	-	7.29
N	-	0.74	5.06	-	-	-	-	-	5.80
NNW	-	0.30	4.17	-	-	-	-	-	4.46
NW	-	-	0.89	-	-	-	-	-	0.89
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	4.17	6.84	-	-	-	-	-	11.01
Calm	50.74	-	-	-	-	-	-	-	50.74
Total (%)	50.74	25.30	23.96	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 28 days
 Start Date: Feb. 1, 2007
 End Date: Feb. 28, 2007
 Comment:

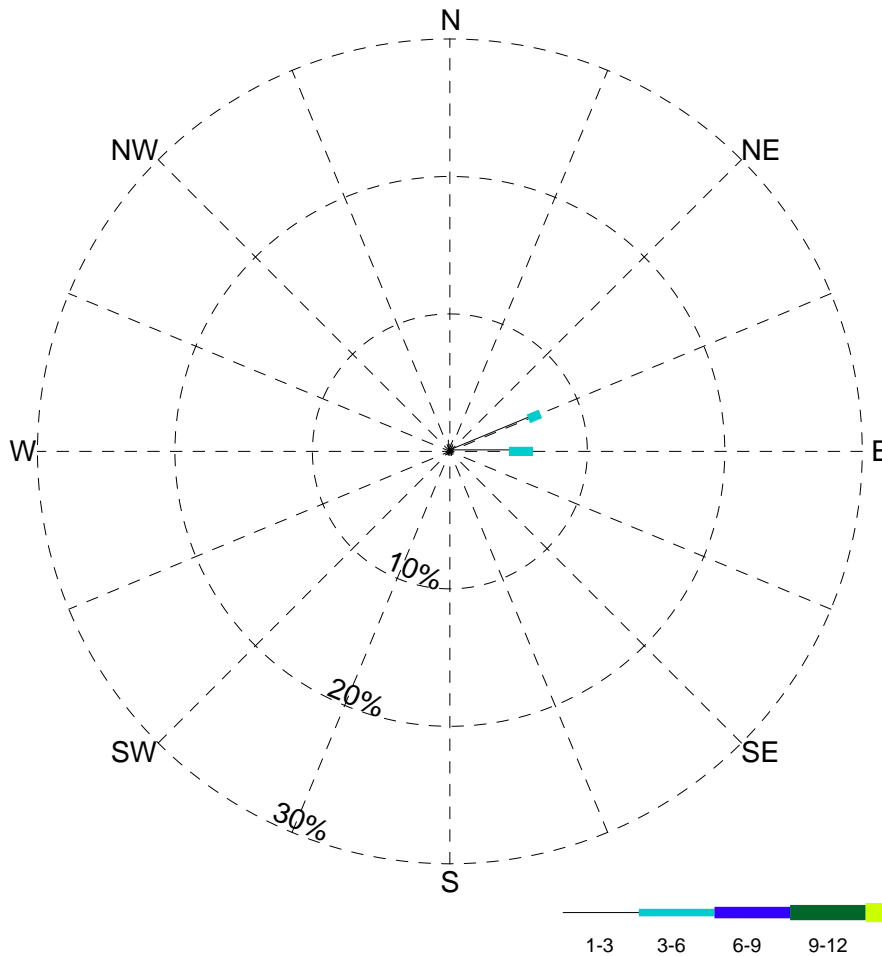
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, February 2007

FIGURE NUMBER: **D-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	-	6.18	0.94	-	-	-	-	-	7.12
NE	-	0.40	-	-	-	-	-	-	0.40
NNE	-	0.81	-	-	-	-	-	-	0.81
N	-	0.81	-	-	-	-	-	-	0.81
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	0.27	-	-	-	-	-	-	0.27
WSW	-	0.40	-	-	-	-	-	-	0.40
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.27	-	-	-	-	-	-	0.27
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	4.30	1.75	-	-	-	-	-	6.05
Calm	83.87	-	-	-	-	-	-	-	83.87
Total (%)	83.87	13.44	2.69	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

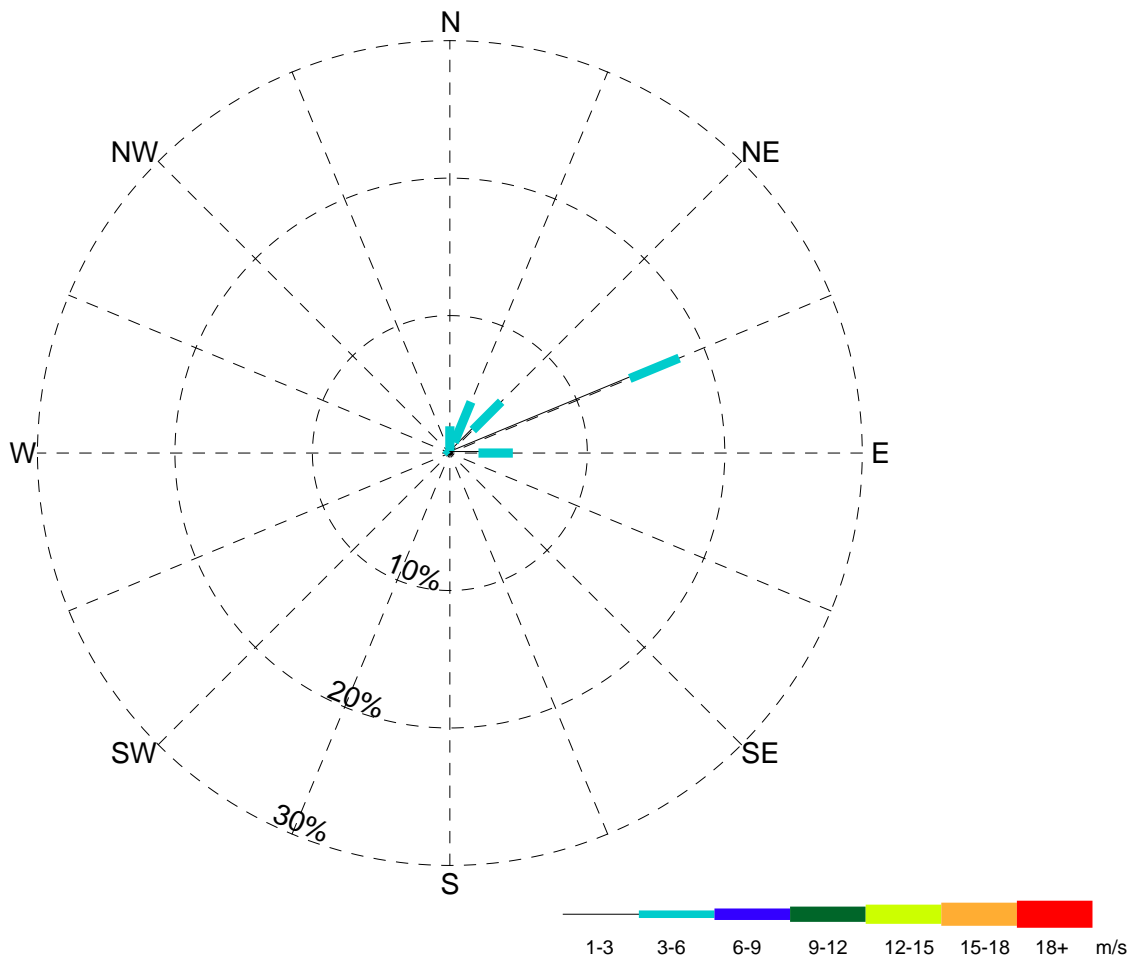

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, March 2007

FIGURE NUMBER: **D-2.15** 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	-	14.17	3.89	-	-	-	-	-	18.06
NE	-	2.36	2.92	-	-	-	-	-	5.28
NNE	-	0.83	3.19	-	-	-	-	-	4.03
N	-	0.14	1.81	-	-	-	-	-	1.94
NNW	-	-	0.28	-	-	-	-	-	0.28
NW	-	-	0.42	-	-	-	-	-	0.42
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.08	2.50	-	-	-	-	-	4.58
Calm	65.42	-	-	-	-	-	-	-	65.42
Total (%)	65.42	19.58	15.00	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

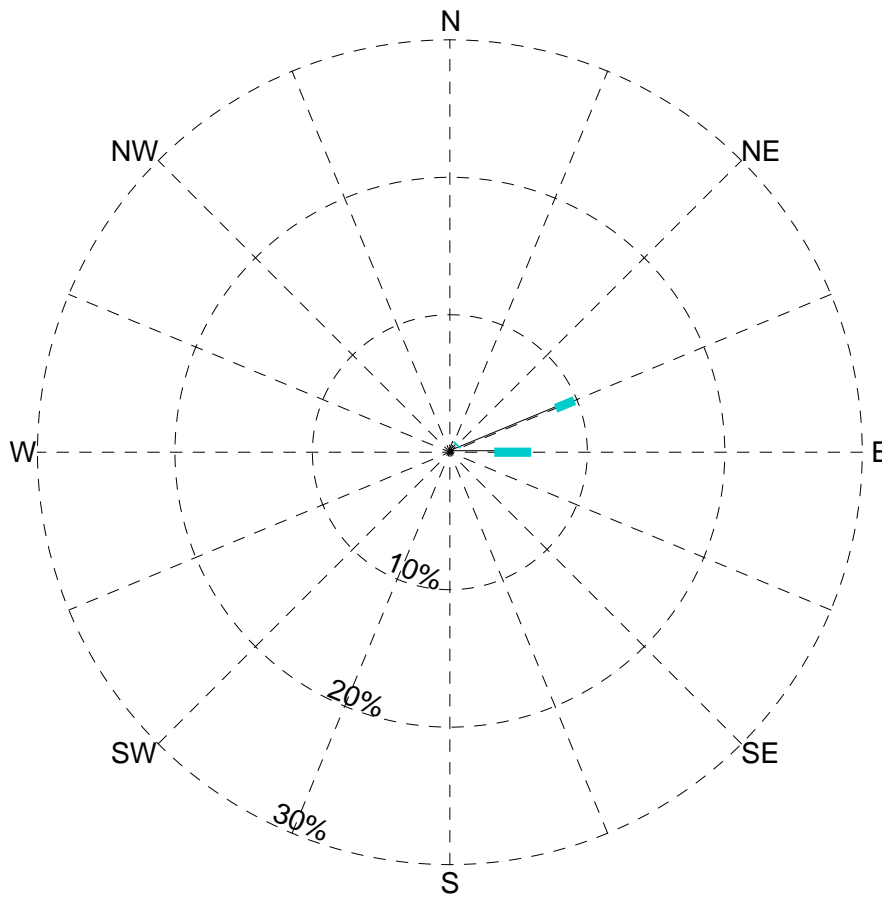

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, April 2007

FIGURE NUMBER: **D-2.16** 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	-	8.33	1.48	-	-	-	-	-	9.81
NE	-	0.67	0.13	-	-	-	-	-	0.81
NNE	-	0.81	-	-	-	-	-	-	0.81
N	-	-	-	-	-	-	-	-	-
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	0.13	-	-	-	-	-	-	0.13
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	3.23	2.69	-	-	-	-	-	5.91
Calm	82.53	-	-	-	-	-	-	-	82.53
Total (%)	82.53	13.17	4.30	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: May 1, 2007
 End Date: May 31, 2007
 Comment:

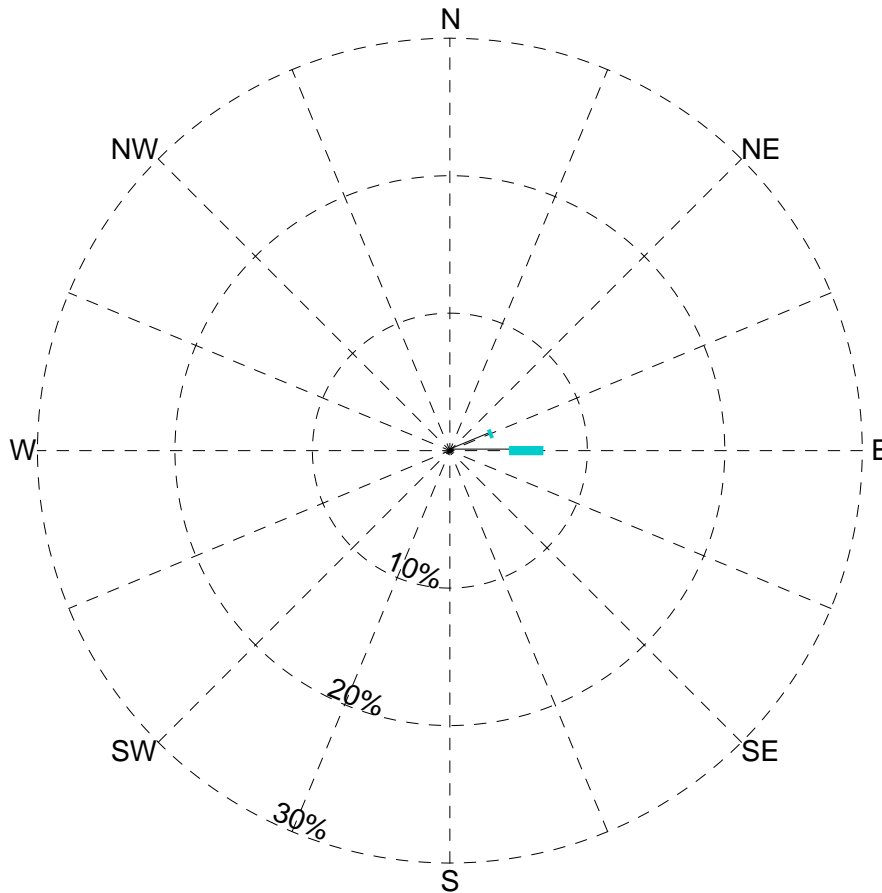
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, May 2007

FIGURE NUMBER: **D-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	-	3.06	0.28	-	-	-	-	-	3.33
NE	-	0.14	-	-	-	-	-	-	0.14
NNE	-	-	-	-	-	-	-	-	-
N	-	-	-	-	-	-	-	-	-
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	0.42	-	-	-	-	-	-	0.42
WSW	-	0.28	-	-	-	-	-	-	0.28
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	4.31	2.50	-	-	-	-	-	6.81
Calm	89.03	-	-	-	-	-	-	-	89.03
Total (%)	89.03	8.19	2.78	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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: 

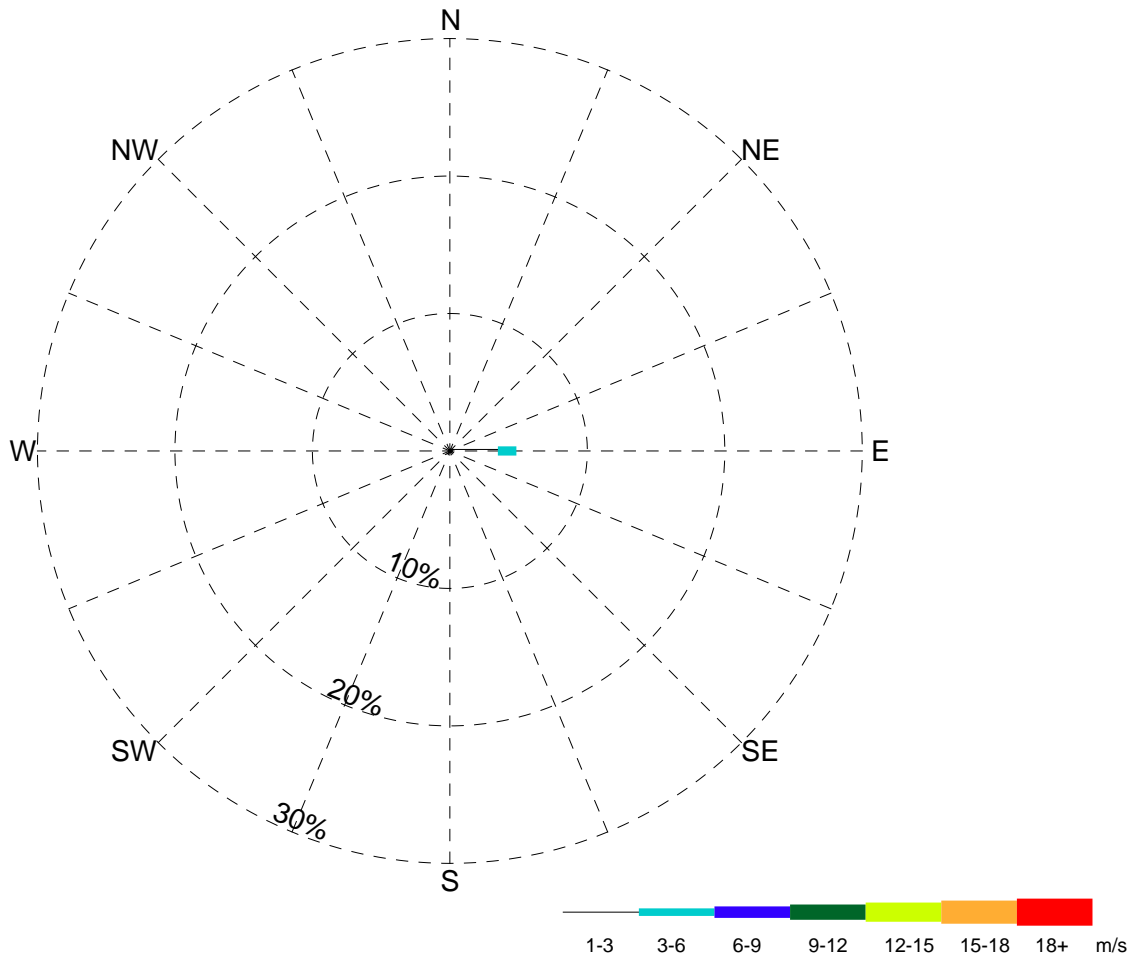
ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, June 2007

FIGURE NUMBER: **D-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	-	0.13	-	-	-	-	-	-	0.13
NE	-	-	-	-	-	-	-	-	-
NNE	-	-	-	-	-	-	-	-	-
N	-	-	-	-	-	-	-	-	-
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	0.40	-	-	-	-	-	-	0.40
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	3.49	1.34	-	-	-	-	-	4.84
Calm	94.62	-	-	-	-	-	-	-	94.62
Total (%)	94.62	4.03	1.34	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

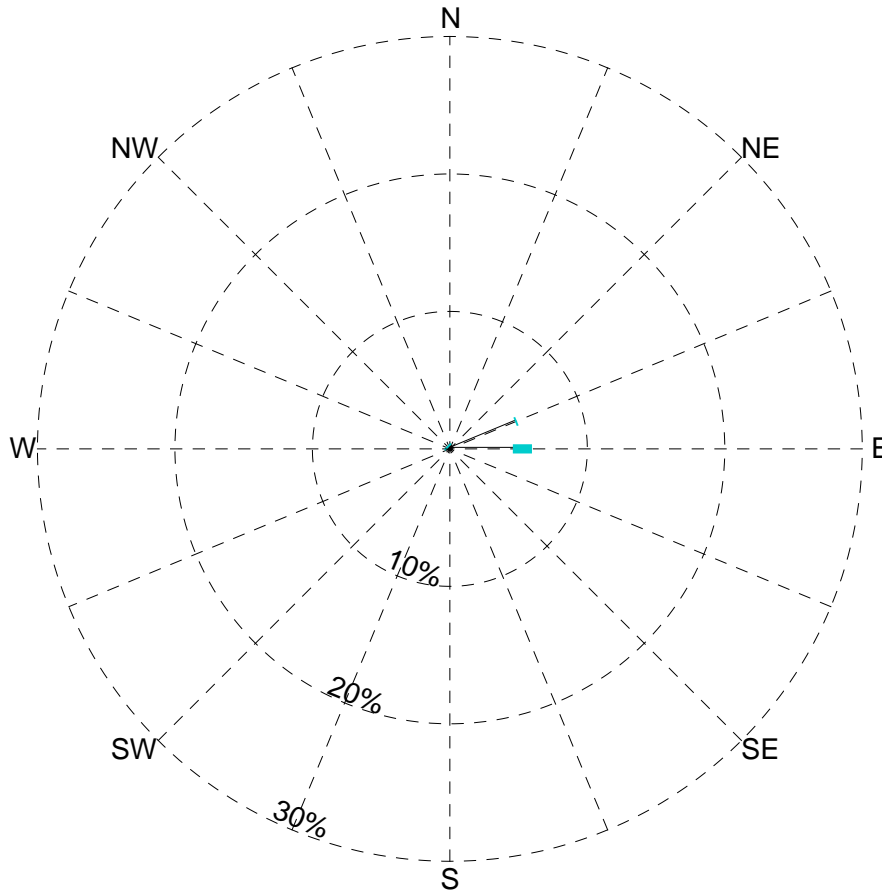

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, July 2007

FIGURE NUMBER: **D-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	-	5.14	0.14	-	-	-	-	-	5.28
NE	-	0.28	-	-	-	-	-	-	0.28
NNE	-	0.28	-	-	-	-	-	-	0.28
N	-	-	-	-	-	-	-	-	-
NNW	-	0.14	-	-	-	-	-	-	0.14
NW	-	0.14	0.14	-	-	-	-	-	0.28
WNW	-	0.28	-	-	-	-	-	-	0.28
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	4.58	1.39	-	-	-	-	-	5.97
Calm	87.50	-	-	-	-	-	-	-	87.50
Total (%)	87.50	10.83	1.67	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Sep. 1, 2007
 End Date: Sep. 30, 2007
 Comment:

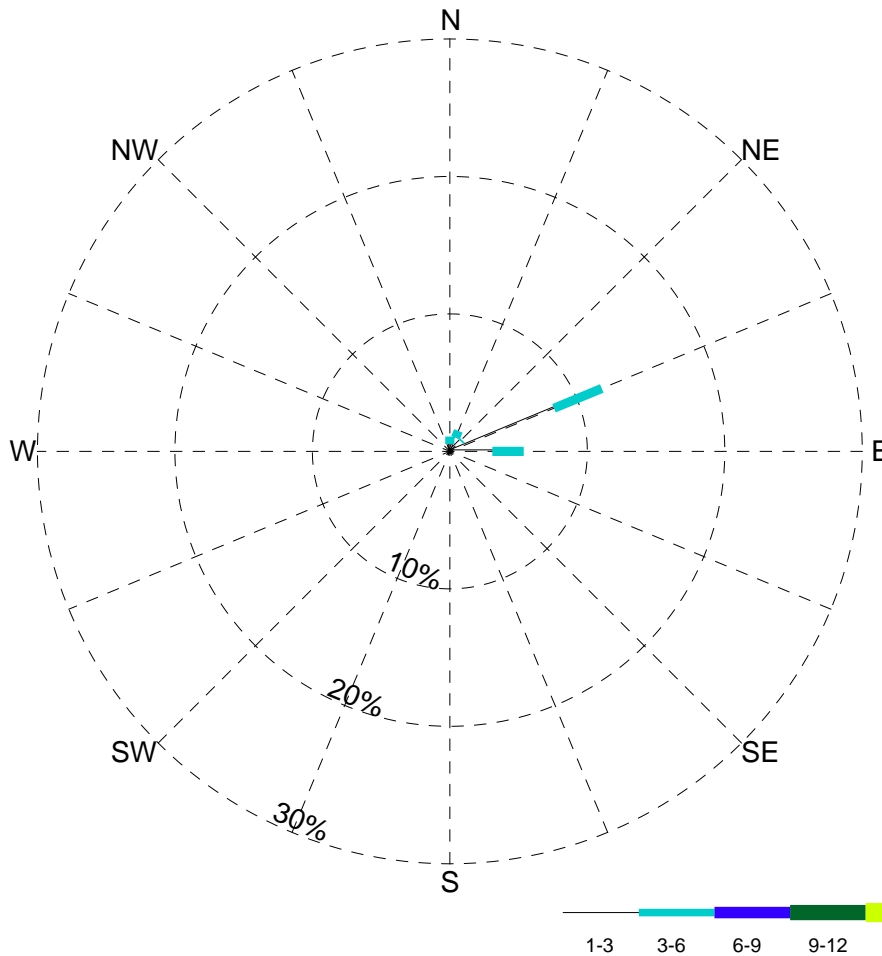
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, September 2007

FIGURE NUMBER: **D-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	-	8.20	3.76	-	-	-	-	-	11.96
NE	-	1.08	0.13	-	-	-	-	-	1.21
NNE	-	1.08	0.54	-	-	-	-	-	1.61
N	-	0.54	0.54	-	-	-	-	-	1.08
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	0.27	-	-	-	-	-	-	0.27
SW	-	0.13	-	-	-	-	-	-	0.13
SSW	-	-	-	-	-	-	-	-	-
S	-	0.13	-	-	-	-	-	-	0.13
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	3.09	2.29	-	-	-	-	-	5.38
Calm	78.23	-	-	-	-	-	-	-	78.23
Total (%)	78.23	14.52	7.26	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Oct. 1, 2007
 End Date: Oct. 31, 2007
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS

PREPARED BY:

PREPARED FOR:

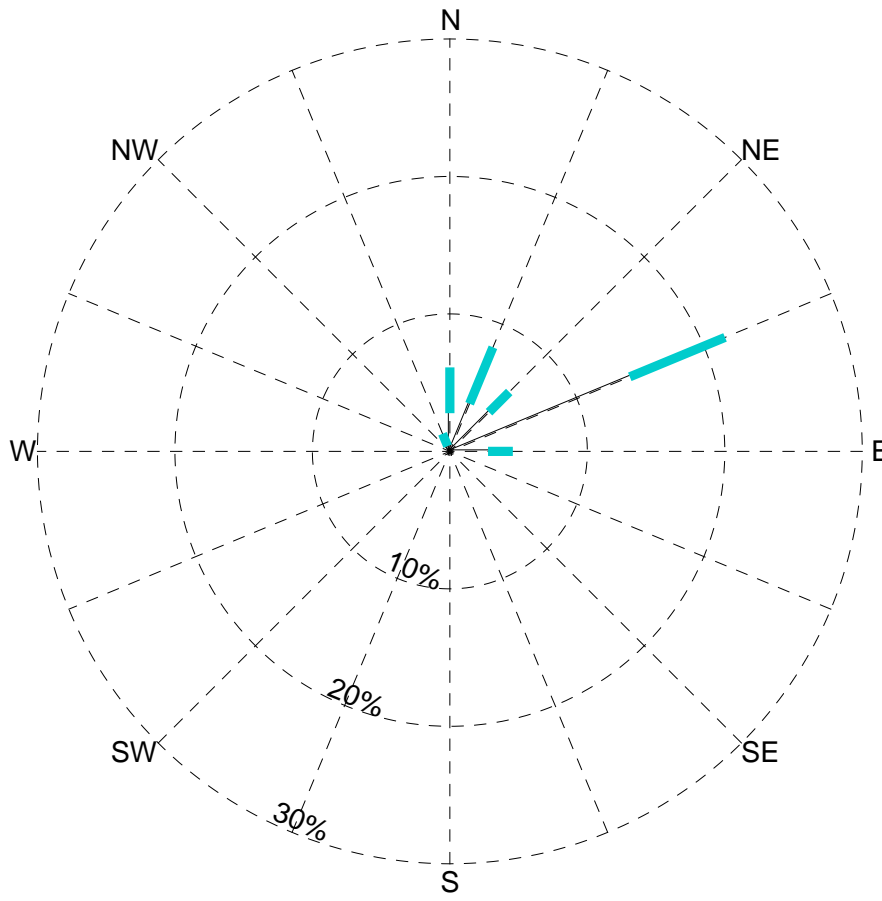
ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, October 2007

FIGURE NUMBER: **D-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	-	14.17	7.50	-	-	-	-	-	21.67
NE	-	4.03	2.08	-	-	-	-	-	6.11
NNE	-	3.75	4.44	-	-	-	-	-	8.19
N	-	2.78	3.33	-	-	-	-	-	6.11
NNW	-	0.42	0.97	-	-	-	-	-	1.39
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	0.42	-	-	-	-	-	-	0.42
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.28	-	-	-	-	-	-	0.28
SSE	-	0.14	-	-	-	-	-	-	0.14
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.78	1.81	-	-	-	-	-	4.58
Calm	51.11	-	-	-	-	-	-	-	51.11
Total (%)	51.11	28.75	20.14	-	-	-	-	-	100.00

NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

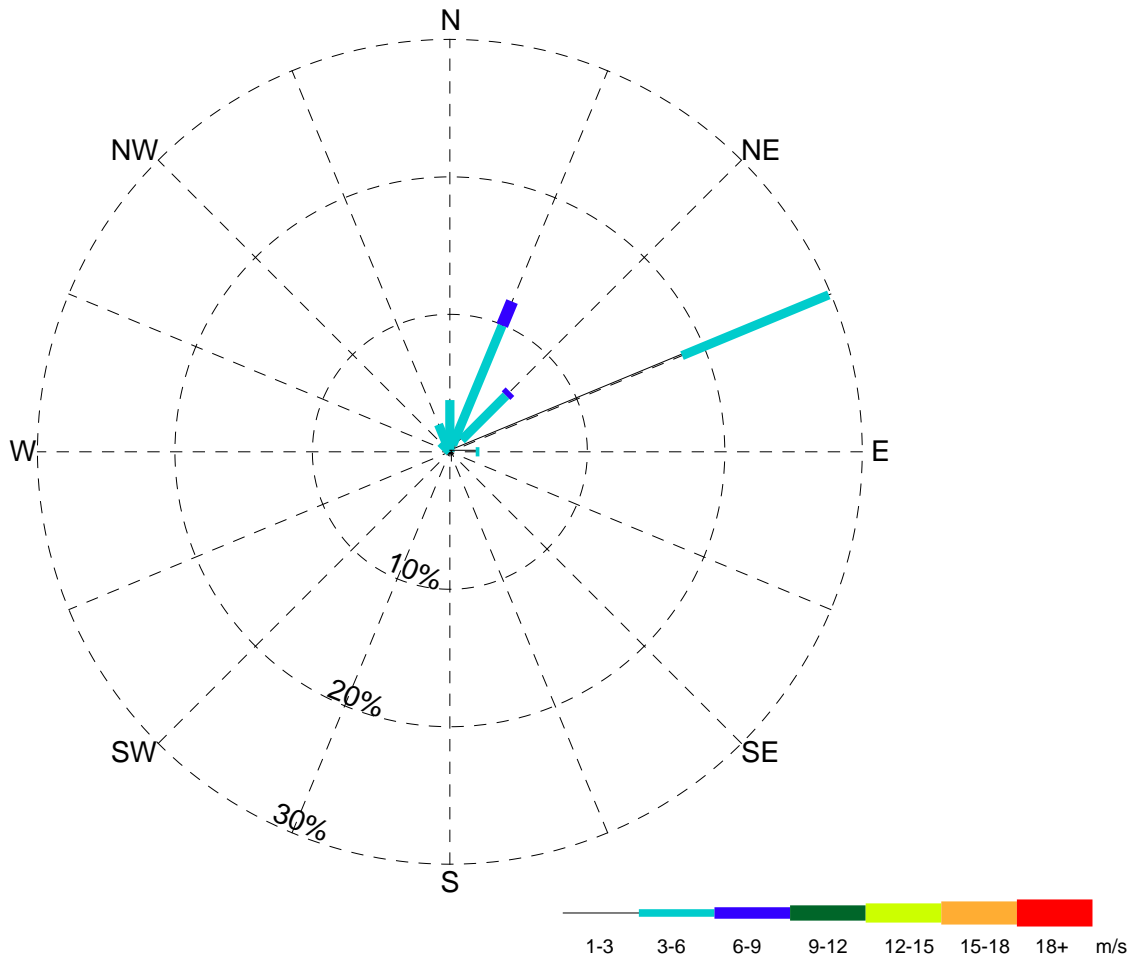

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, November 2007

FIGURE NUMBER: **D-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	-	18.28	11.56	-	-	-	-	-	29.84
NE	-	1.21	4.57	0.40	-	-	-	-	6.18
NNE	-	0.54	9.41	1.88	-	-	-	-	11.83
N	-	-	3.76	-	-	-	-	-	3.76
NNW	-	-	2.15	-	-	-	-	-	2.15
NW	-	-	0.94	-	-	-	-	-	0.94
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.67	-	-	-	-	-	-	0.67
SSE	-	0.40	-	-	-	-	-	-	0.40
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.88	0.27	-	-	-	-	-	2.15
Calm	42.07	-	-	-	-	-	-	-	42.07
Total (%)	42.07	22.98	32.66	2.29	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

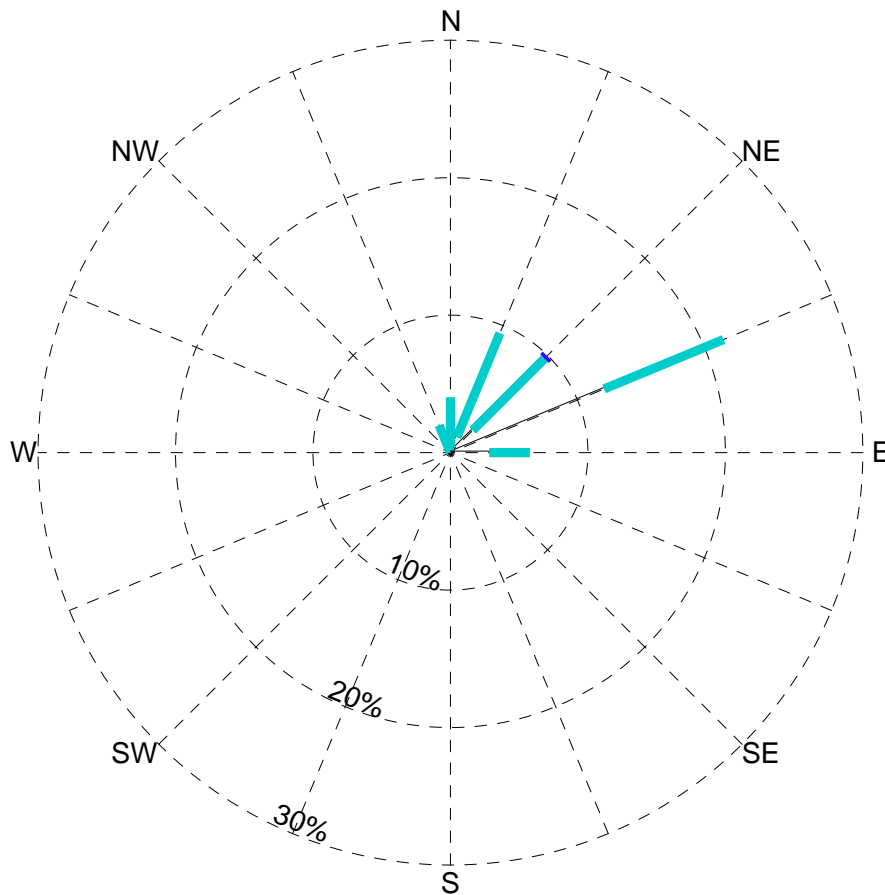
ENBRIDGE NORTHERN GATEWAY PROJECT
 Dorothy Island Wind Rose, December 2007

FIGURE NUMBER: **D-2.24** DATE: 20090727

SCALE: AUTHOR: TM APPROVED BY: JAS

PROJECTION: DATUM:

C:\Vancouver\Drawing\Engineering\1320\13201126\13201126-1.dwg PRINTED: Jul 28, 2009



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	-	12.10	9.41	-	-	-	-	-	21.50
NE	-	2.29	7.39	0.27	-	-	-	-	9.95
NNE	-	1.21	8.20	-	-	-	-	-	9.41
N	-	0.40	3.63	-	-	-	-	-	4.03
NNW	-	-	2.15	-	-	-	-	-	2.15
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	0.27	-	-	-	-	-	-	0.27
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	2.82	2.96	-	-	-	-	-	5.78
Calm	46.91	-	-	-	-	-	-	-	46.91
Total (%)	46.91	19.09	33.74	0.27	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 31 days
 Start Date: Jan. 1, 2008
 End Date: Jan. 31, 2008
 Comment:

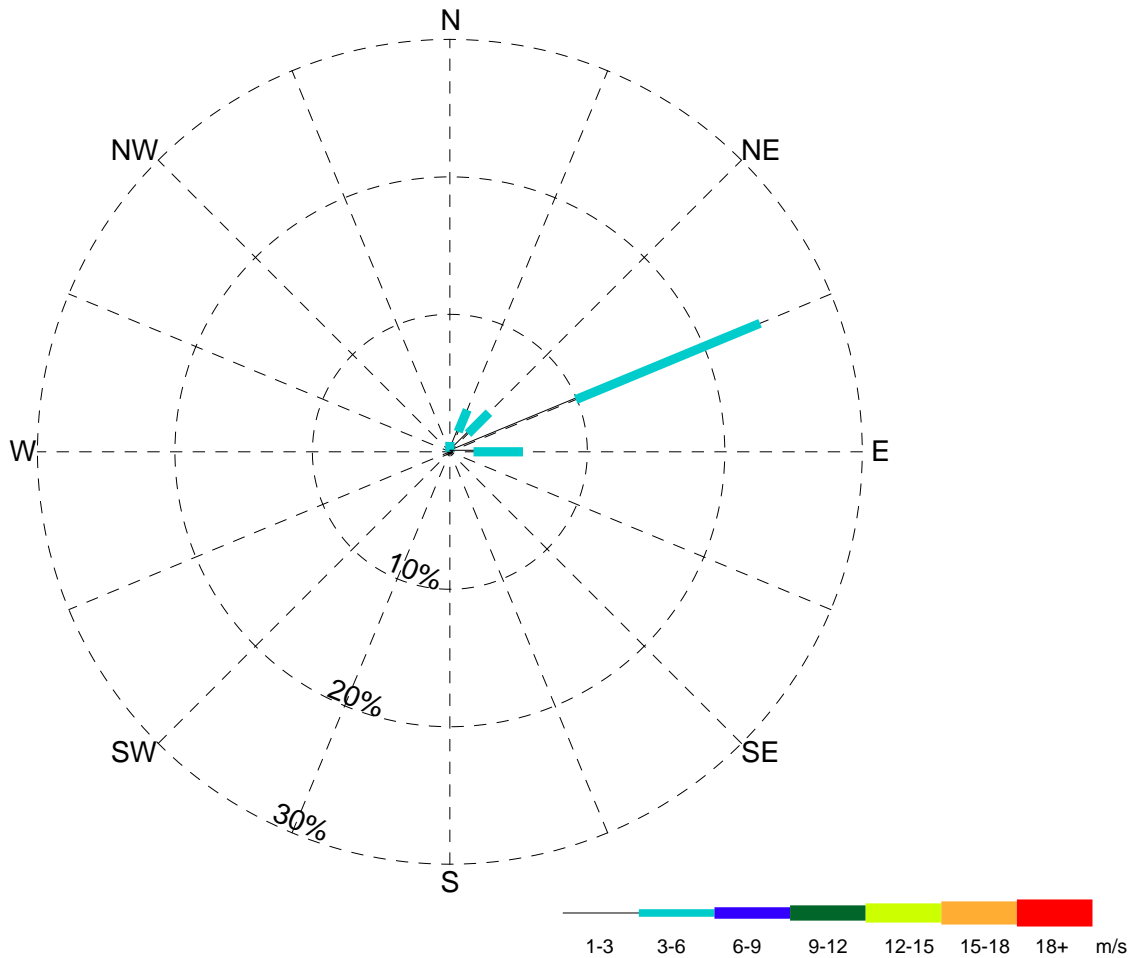
CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, January 2008

FIGURE NUMBER: **D-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	-	9.91	14.51	-	-	-	-	-	24.42
NE	-	1.87	2.15	-	-	-	-	-	4.02
NNE	-	1.58	1.72	-	-	-	-	-	3.31
N	-	-	0.72	-	-	-	-	-	0.72
NNW	-	-	-	-	-	-	-	-	-
NW	-	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-
WSW	-	0.57	-	-	-	-	-	-	0.57
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.72	3.59	-	-	-	-	-	5.32
Calm	61.64	-	-	-	-	-	-	-	61.64
Total (%)	61.64	15.66	22.70	-	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

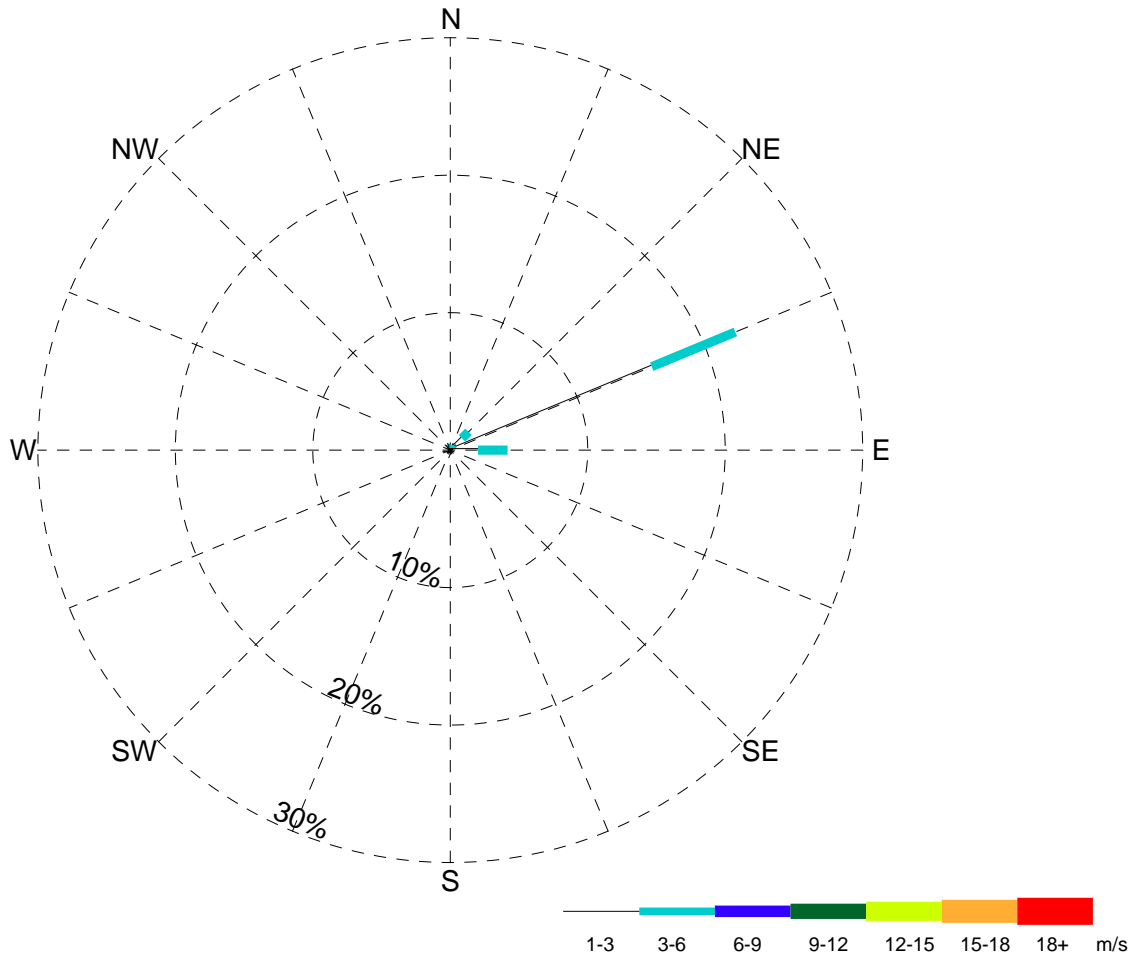

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, February 2008

FIGURE NUMBER: **D-2.26** 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	
ENE	-	15.86	6.59	-	-	-	-	22.45
NE	-	1.21	0.67	-	-	-	-	1.88
NNE	-	0.13	0.27	-	-	-	-	0.40
N	-	0.40	-	-	-	-	-	0.40
NNW	-	0.40	-	-	-	-	-	0.40
NW	-	-	-	-	-	-	-	-
WNW	-	-	-	-	-	-	-	-
W	-	0.54	-	-	-	-	-	0.54
WSW	-	0.27	-	-	-	-	-	0.27
SW	-	-	-	-	-	-	-	-
SSW	-	0.54	-	-	-	-	-	0.54
S	-	0.13	-	-	-	-	-	0.13
SSE	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-
E	-	2.02	2.15	-	-	-	-	4.17
Calm	68.82	-	-	-	-	-	-	68.82
Total (%)	68.82	21.50	9.68	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 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:

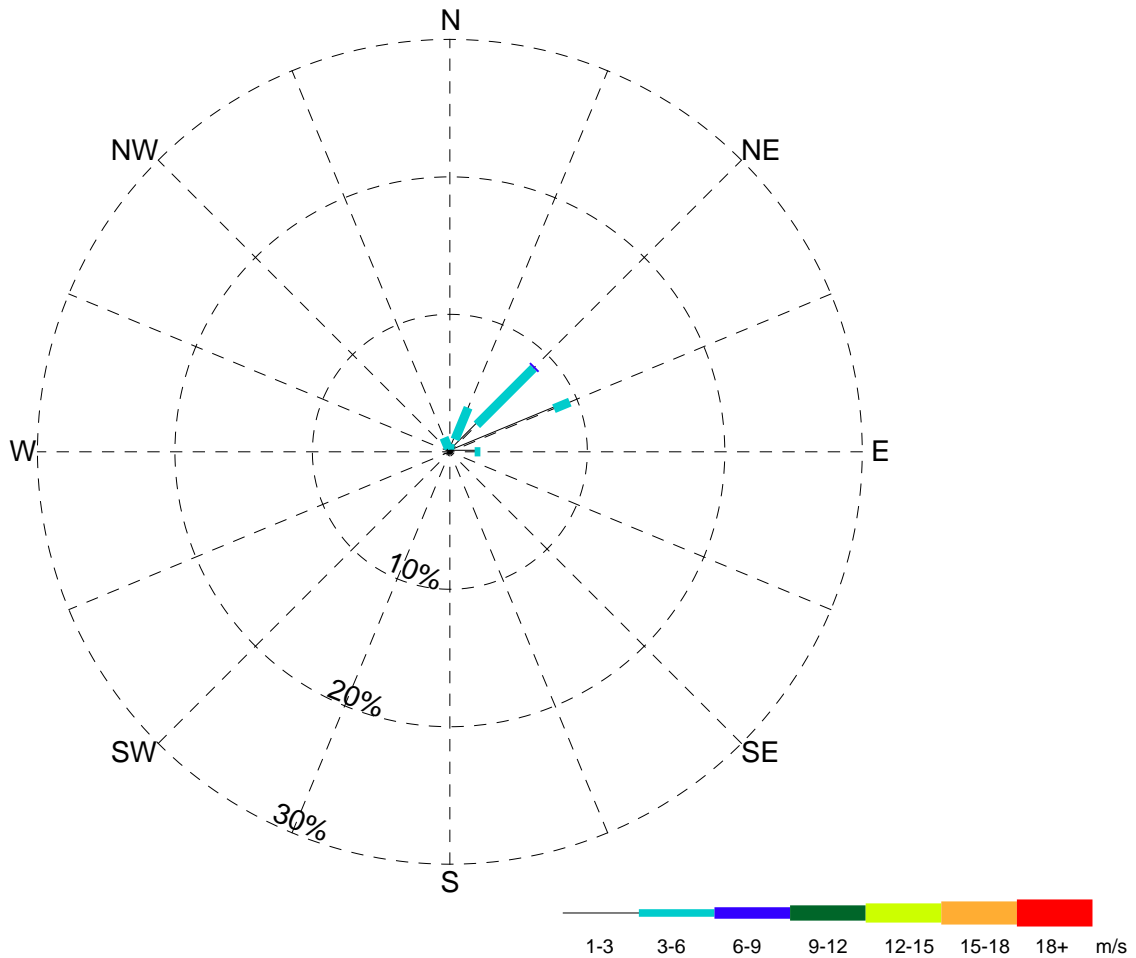

ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, March 2008

FIGURE NUMBER: **D-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	-	8.19	1.25	-	-	-	-	-	9.44
NE	-	2.78	5.83	0.14	-	-	-	-	8.75
NNE	-	0.97	2.50	-	-	-	-	-	3.47
N	-	0.14	0.42	-	-	-	-	-	0.56
NNW	-	0.28	0.83	-	-	-	-	-	1.11
NW	-	-	-	-	-	-	-	-	-
WNW	-	0.14	-	-	-	-	-	-	0.14
W	-	0.42	-	-	-	-	-	-	0.42
WSW	-	-	-	-	-	-	-	-	-
SW	-	-	-	-	-	-	-	-	-
SSW	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-
SSE	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-
ESE	-	-	-	-	-	-	-	-	-
E	-	1.81	0.42	-	-	-	-	-	2.22
Calm	73.89	-	-	-	-	-	-	-	73.89
Total (%)	73.89	14.72	11.25	0.14	-	-	-	-	100.00

Station Name: Dorothy Island
 NAD 27 Location:
 N53° 39' 37.5" W128° 50' 31.6"
 Elev. above SL: 5 m
 Tower height: 10 m
 Record length: 30 days
 Start Date: Apr. 1, 2008
 End Date: Apr. 30, 2008
 Comment:

CONTRACTOR:
 HAY & COMPANY CONSULTANTS
 PREPARED BY:


PREPARED FOR:


ENBRIDGE NORTHERN GATEWAY PROJECT

Dorothy Island Wind Rose, April 2008

FIGURE NUMBER: **D-2.28**
 SCALE:
 PROJECTION:
 DATE: 20090727
 APPROVED BY: JAS
 AUTHORITY: TM
 DATUM: