

## GRAN TIERRA ENERGY INC.

### Company Announcement – Transaction in Own Shares

May 27, 2019

On March 11, 2019 Gran Tierra Energy Inc. (“Gran Tierra”) announced a normal course issuer bid (the “NCIB”) through the facilities of the Toronto Stock Exchange (“TSX”) and eligible alternative trading platforms in Canada. The Company received regulatory approval from the TSX to commence the 2019 NCIB on March 13, 2019. Pursuant to the NCIB, Gran Tierra may purchase for cancellation up to 19,353,951 of its shares of common stock for a one year period at prevailing market prices at the time of purchase. The NCIB commenced on March 13, 2019 and will expire on March 12, 2020 or earlier if the 5.00% share maximum is reached. The purpose of the NCIB is to reduce the share capital of Gran Tierra.

The following transactions were made under the NCIB during the period May 20, 2019 to May 24, 2019:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
May 20, 2019	0	\$0.00	\$0.00
May 21, 2019	167,525	\$2.82	\$471,953.00
May 22, 2019	167,525	\$2.82	\$471,631.00
May 23, 2019	167,525	\$2.66	\$445,550.00
May 24, 2019	167,525	\$2.69	\$450,087.50

### Exchange Aggregated Data

	Platform	May. 20, 2019	May. 21, 2019	May. 22, 2019	May. 23, 2019	May. 24, 2019
<b>Volume</b>	TSX	0	27,625	56,825	69,825	35,625
	Pure	0	17,600	10,400	3,700	19,800
	Chi-X	0	58,000	42,500	18,600	49,200
	Omega	0	10,300	5,100	0	11,900
	LYNX	0	100	0	0	0
	NEO	0	53,900	52,700	75,400	51,000
<b>Volume weighted average price (CAD)</b>	TSX	-	\$2.82	\$2.82	\$2.66	\$2.68
	Pure	-	\$2.82	\$2.81	\$2.67	\$2.69
	Chi-X	-	\$2.82	\$2.82	\$2.69	\$2.69
	Omega	-	\$2.81	\$2.81	-	\$2.69
	LYNX	-	\$2.81	-	-	-
	NEO	-	\$2.82	\$2.81	\$2.66	\$2.68

All transactions were made under ISIN US38500T1016 and effected by RBC Dominion Securities Inc. on behalf of Gran Tierra. A full breakdown of the individual trades is attached to this announcement. Gran Tierra intends to cancel all of the purchased shares. Following the above transactions, Gran Tierra will have 377,808,982 issued and outstanding shares.

**Contact Information:**

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<b>Date</b>	<b>Transaction Time</b>	<b>Time Zone</b>	<b>Volume</b>	<b>Price</b>	<b>Currency</b>	<b>Platform</b>
May 21, 2019	09:34:03	EDT	200	2.765	CAD	Chi-X
May 21, 2019	09:34:03	EDT	1600	2.77	CAD	Chi-X
May 21, 2019	09:35:08	EDT	400	2.77	CAD	Pure
May 21, 2019	09:35:08	EDT	100	2.77	CAD	Pure
May 21, 2019	09:35:08	EDT	100	2.77	CAD	NEO
May 21, 2019	09:35:08	EDT	100	2.77	CAD	NEO
May 21, 2019	09:35:08	EDT	500	2.77	CAD	Pure
May 21, 2019	09:35:10	EDT	1300	2.76	CAD	TSX
May 21, 2019	09:35:10	EDT	400	2.76	CAD	TSX
May 21, 2019	09:35:10	EDT	1300	2.76	CAD	NEO
May 21, 2019	09:35:10	EDT	200	2.76	CAD	NEO
May 21, 2019	09:35:16	EDT	300	2.76	CAD	NEO
May 21, 2019	09:38:03	EDT	100	2.74	CAD	TSX
May 21, 2019	09:38:20	EDT	400	2.74	CAD	NEO
May 21, 2019	09:40:56	EDT	700	2.74	CAD	NEO
May 21, 2019	09:45:04	EDT	500	2.79	CAD	TSX
May 21, 2019	09:45:04	EDT	700	2.79	CAD	TSX
May 21, 2019	09:45:04	EDT	1200	2.79	CAD	Chi-X
May 21, 2019	09:45:04	EDT	400	2.79	CAD	TSX
May 21, 2019	09:45:04	EDT	1900	2.79	CAD	Chi-X
May 21, 2019	09:45:04	EDT	300	2.79	CAD	NEO
May 21, 2019	09:45:04	EDT	200	2.79	CAD	TSX
May 21, 2019	09:45:04	EDT	200	2.79	CAD	TSX
May 21, 2019	09:45:04	EDT	100	2.79	CAD	TSX
May 21, 2019	09:45:04	EDT	200	2.79	CAD	Chi-X
May 21, 2019	09:45:04	EDT	100	2.79	CAD	Chi-X
May 21, 2019	09:46:08	EDT	1100	2.79	CAD	Omega
May 21, 2019	09:47:11	EDT	1200	2.79	CAD	Omega
May 21, 2019	09:47:16	EDT	100	2.78	CAD	NEO
May 21, 2019	09:52:30	EDT	1000	2.82	CAD	TSX
May 21, 2019	09:52:30	EDT	100	2.82	CAD	Chi-X
May 21, 2019	09:52:30	EDT	1200	2.82	CAD	Chi-X
May 21, 2019	09:52:30	EDT	800	2.82	CAD	TSX
May 21, 2019	09:52:30	EDT	600	2.82	CAD	TSX
May 21, 2019	09:52:30	EDT	100	2.82	CAD	TSX
May 21, 2019	09:52:30	EDT	700	2.82	CAD	TSX
May 21, 2019	09:53:32	EDT	900	2.82	CAD	Chi-X
May 21, 2019	09:55:37	EDT	100	2.82	CAD	TSX
May 21, 2019	09:55:37	EDT	1000	2.82	CAD	TSX
May 21, 2019	09:55:37	EDT	300	2.82	CAD	Chi-X
May 21, 2019	09:55:37	EDT	200	2.82	CAD	Chi-X
May 21, 2019	09:57:42	EDT	600	2.83	CAD	Chi-X
May 21, 2019	09:57:42	EDT	800	2.83	CAD	NEO
May 21, 2019	09:57:42	EDT	100	2.83	CAD	NEO
May 21, 2019	10:19:48	EDT	600	2.84	CAD	TSX
May 21, 2019	10:19:48	EDT	100	2.84	CAD	NEO

May 21, 2019	10:19:48	EDT	800	2.84	CAD	TSX
May 21, 2019	10:19:48	EDT	1200	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	1000	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	800	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	200	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	600	2.84	CAD	NEO
May 21, 2019	10:19:48	EDT	100	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	2000	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	700	2.84	CAD	TSX
May 21, 2019	10:19:48	EDT	200	2.84	CAD	TSX
May 21, 2019	10:19:48	EDT	100	2.84	CAD	TSX
May 21, 2019	10:19:48	EDT	100	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	500	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	500	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	300	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	600	2.84	CAD	Pure
May 21, 2019	10:19:48	EDT	400	2.84	CAD	Pure
May 21, 2019	10:19:48	EDT	400	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	400	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	700	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	500	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	800	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	1000	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	1300	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	100	2.84	CAD	Chi-X
May 21, 2019	10:19:48	EDT	100	2.84	CAD	Chi-X
May 21, 2019	10:21:53	EDT	300	2.84	CAD	NEO
May 21, 2019	10:21:53	EDT	500	2.84	CAD	Chi-X
May 21, 2019	10:21:53	EDT	800	2.84	CAD	Chi-X
May 21, 2019	10:31:55	EDT	700	2.83	CAD	TSX
May 21, 2019	10:31:55	EDT	300	2.83	CAD	TSX
May 21, 2019	10:31:55	EDT	600	2.83	CAD	NEO
May 21, 2019	10:31:55	EDT	400	2.83	CAD	TSX
May 21, 2019	10:33:34	EDT	2400	2.83	CAD	TSX
May 21, 2019	10:35:50	EDT	100	2.83	CAD	NEO
May 21, 2019	10:35:51	EDT	1600	2.83	CAD	NEO
May 21, 2019	10:36:13	EDT	100	2.83	CAD	TSX
May 21, 2019	10:36:14	EDT	700	2.83	CAD	NEO
May 21, 2019	10:36:14	EDT	2200	2.83	CAD	TSX
May 21, 2019	10:36:15	EDT	2100	2.83	CAD	TSX
May 21, 2019	10:36:15	EDT	1400	2.83	CAD	NEO
May 21, 2019	10:36:15	EDT	700	2.83	CAD	NEO
May 21, 2019	10:45:54	EDT	1200	2.82	CAD	Chi-X
May 21, 2019	10:45:54	EDT	100	2.82	CAD	NEO
May 21, 2019	10:45:54	EDT	1500	2.82	CAD	TSX
May 21, 2019	10:45:54	EDT	300	2.815	CAD	Chi-X
May 21, 2019	10:45:54	EDT	100	2.82	CAD	NEO
May 21, 2019	10:45:54	EDT	500	2.82	CAD	Chi-X

May 21, 2019	10:48:57	EDT	600	2.82	CAD	Chi-X
May 21, 2019	10:48:57	EDT	1500	2.82	CAD	Chi-X
May 21, 2019	10:48:57	EDT	100	2.82	CAD	Chi-X
May 21, 2019	10:48:57	EDT	200	2.82	CAD	Chi-X
May 21, 2019	10:48:57	EDT	200	2.82	CAD	TSX
May 21, 2019	10:48:57	EDT	200	2.82	CAD	TSX
May 21, 2019	10:51:58	EDT	500	2.815	CAD	Chi-X
May 21, 2019	10:51:58	EDT	100	2.815	CAD	Chi-X
May 21, 2019	10:51:58	EDT	300	2.82	CAD	Chi-X
May 21, 2019	10:58:11	EDT	100	2.815	CAD	Chi-X
May 21, 2019	10:58:11	EDT	700	2.82	CAD	NEO
May 21, 2019	10:58:11	EDT	100	2.815	CAD	Chi-X
May 21, 2019	10:58:11	EDT	600	2.82	CAD	Pure
May 21, 2019	10:58:11	EDT	1900	2.82	CAD	Chi-X
May 21, 2019	10:58:11	EDT	300	2.82	CAD	NEO
May 21, 2019	10:58:11	EDT	400	2.82	CAD	Pure
May 21, 2019	11:02:19	EDT	100	2.82	CAD	NEO
May 21, 2019	11:02:19	EDT	100	2.82	CAD	NEO
May 21, 2019	11:02:19	EDT	200	2.82	CAD	Chi-X
May 21, 2019	11:02:19	EDT	100	2.82	CAD	Chi-X
May 21, 2019	11:02:19	EDT	700	2.82	CAD	Pure
May 21, 2019	11:02:19	EDT	100	2.82	CAD	Chi-X
May 21, 2019	11:02:19	EDT	700	2.82	CAD	NEO
May 21, 2019	11:02:19	EDT	100	2.82	CAD	NEO
May 21, 2019	11:02:19	EDT	400	2.82	CAD	Pure
May 21, 2019	11:04:22	EDT	300	2.82	CAD	Pure
May 21, 2019	11:04:22	EDT	100	2.82	CAD	Pure
May 21, 2019	11:04:22	EDT	400	2.82	CAD	Pure
May 21, 2019	11:04:22	EDT	800	2.82	CAD	NEO
May 21, 2019	11:04:22	EDT	100	2.82	CAD	NEO
May 21, 2019	11:06:26	EDT	100	2.82	CAD	NEO
May 21, 2019	11:06:26	EDT	100	2.82	CAD	NEO
May 21, 2019	11:06:26	EDT	100	2.82	CAD	NEO
May 21, 2019	11:06:26	EDT	100	2.82	CAD	NEO
May 21, 2019	11:06:26	EDT	600	2.82	CAD	Pure
May 21, 2019	11:06:26	EDT	300	2.82	CAD	Pure
May 21, 2019	11:08:29	EDT	100	2.815	CAD	Chi-X
May 21, 2019	11:08:29	EDT	100	2.82	CAD	NEO
May 21, 2019	11:08:29	EDT	1000	2.82	CAD	Pure
May 21, 2019	11:08:29	EDT	200	2.82	CAD	NEO
May 21, 2019	11:09:30	EDT	500	2.82	CAD	Chi-X
May 21, 2019	11:09:30	EDT	300	2.82	CAD	NEO
May 21, 2019	11:09:30	EDT	100	2.82	CAD	NEO
May 21, 2019	11:13:41	EDT	700	2.82	CAD	Pure
May 21, 2019	11:13:41	EDT	300	2.82	CAD	NEO
May 21, 2019	11:13:41	EDT	100	2.815	CAD	Chi-X
May 21, 2019	11:13:41	EDT	100	2.82	CAD	NEO
May 21, 2019	11:13:41	EDT	800	2.82	CAD	Chi-X

May 21, 2019	11:13:41	EDT	500	2.82	CAD	Chi-X
May 21, 2019	11:13:41	EDT	800	2.82	CAD	Chi-X
May 21, 2019	11:28:34	EDT	100	2.815	CAD	Chi-X
May 21, 2019	11:28:35	EDT	700	2.82	CAD	Chi-X
May 21, 2019	11:28:35	EDT	400	2.82	CAD	TSX
May 21, 2019	11:28:35	EDT	1200	2.82	CAD	TSX
May 21, 2019	11:28:35	EDT	800	2.82	CAD	NEO
May 21, 2019	11:28:35	EDT	600	2.82	CAD	Pure
May 21, 2019	11:28:35	EDT	800	2.82	CAD	Chi-X
May 21, 2019	11:28:35	EDT	700	2.82	CAD	TSX
May 21, 2019	11:28:35	EDT	100	2.82	CAD	Chi-X
May 21, 2019	11:28:35	EDT	600	2.82	CAD	TSX
May 21, 2019	11:28:35	EDT	2700	2.82	CAD	Chi-X
May 21, 2019	11:28:35	EDT	200	2.82	CAD	TSX
May 21, 2019	11:28:35	EDT	400	2.82	CAD	Pure
May 21, 2019	11:30:37	EDT	300	2.82	CAD	Pure
May 21, 2019	11:30:37	EDT	100	2.82	CAD	NEO
May 21, 2019	11:30:37	EDT	100	2.82	CAD	NEO
May 21, 2019	11:30:37	EDT	400	2.82	CAD	NEO
May 21, 2019	11:33:41	EDT	200	2.82	CAD	NEO
May 21, 2019	11:33:41	EDT	100	2.82	CAD	Chi-X
May 21, 2019	11:33:41	EDT	200	2.82	CAD	Chi-X
May 21, 2019	11:33:41	EDT	800	2.82	CAD	Chi-X
May 21, 2019	11:35:43	EDT	1100	2.82	CAD	NEO
May 21, 2019	11:37:45	EDT	200	2.82	CAD	NEO
May 21, 2019	11:37:45	EDT	800	2.82	CAD	Chi-X
May 21, 2019	11:37:45	EDT	100	2.82	CAD	NEO
May 21, 2019	11:41:13	EDT	1900	2.81	CAD	TSX
May 21, 2019	11:41:13	EDT	600	2.81	CAD	NEO
May 21, 2019	11:41:13	EDT	500	2.81	CAD	TSX
May 21, 2019	11:41:13	EDT	1800	2.81	CAD	NEO
May 21, 2019	11:58:25	EDT	100	2.81	CAD	Chi-X
May 21, 2019	11:58:25	EDT	600	2.81	CAD	Pure
May 21, 2019	11:58:25	EDT	500	2.81	CAD	Chi-X
May 21, 2019	11:58:25	EDT	700	2.81	CAD	NEO
May 21, 2019	11:58:25	EDT	400	2.81	CAD	Pure
May 21, 2019	11:58:25	EDT	100	2.81	CAD	NEO
May 21, 2019	11:58:25	EDT	1100	2.81	CAD	NEO
May 21, 2019	11:58:25	EDT	100	2.81	CAD	NEO
May 21, 2019	11:58:25	EDT	200	2.81	CAD	NEO
May 21, 2019	11:58:25	EDT	100	2.81	CAD	NEO
May 21, 2019	12:01:28	EDT	100	2.81	CAD	NEO
May 21, 2019	12:01:28	EDT	900	2.81	CAD	NEO
May 21, 2019	12:01:28	EDT	100	2.81	CAD	NEO
May 21, 2019	12:01:28	EDT	100	2.81	CAD	NEO
May 21, 2019	12:01:28	EDT	100	2.81	CAD	Pure
May 21, 2019	12:01:28	EDT	100	2.81	CAD	Pure
May 21, 2019	12:05:29	EDT	200	2.81	CAD	NEO

May 21, 2019	12:05:29	EDT	600	2.81	CAD	Chi-X
May 21, 2019	12:05:29	EDT	100	2.81	CAD	LYNX
May 21, 2019	12:08:30	EDT	100	2.81	CAD	NEO
May 21, 2019	12:08:30	EDT	100	2.81	CAD	Chi-X
May 21, 2019	12:08:30	EDT	100	2.81	CAD	Chi-X
May 21, 2019	12:08:30	EDT	800	2.81	CAD	Chi-X
May 21, 2019	12:13:31	EDT	1000	2.81	CAD	Omega
May 21, 2019	12:22:39	EDT	600	2.81	CAD	NEO
May 21, 2019	12:22:39	EDT	100	2.81	CAD	NEO
May 21, 2019	12:22:39	EDT	400	2.81	CAD	Chi-X
May 21, 2019	12:22:39	EDT	100	2.81	CAD	NEO
May 21, 2019	12:22:39	EDT	600	2.81	CAD	Pure
May 21, 2019	12:22:39	EDT	500	2.81	CAD	NEO
May 21, 2019	12:22:39	EDT	300	2.81	CAD	Pure
May 21, 2019	12:26:44	EDT	200	2.81	CAD	Pure
May 21, 2019	12:26:44	EDT	100	2.81	CAD	NEO
May 21, 2019	12:26:44	EDT	100	2.81	CAD	NEO
May 21, 2019	12:26:44	EDT	400	2.805	CAD	Chi-X
May 21, 2019	12:26:44	EDT	1000	2.81	CAD	NEO
May 21, 2019	12:26:44	EDT	100	2.81	CAD	Pure
May 21, 2019	12:29:45	EDT	800	2.81	CAD	NEO
May 21, 2019	12:33:46	EDT	200	2.81	CAD	Pure
May 21, 2019	12:33:46	EDT	100	2.81	CAD	NEO
May 21, 2019	12:33:46	EDT	100	2.81	CAD	NEO
May 21, 2019	12:33:46	EDT	100	2.81	CAD	NEO
May 21, 2019	12:33:46	EDT	300	2.81	CAD	Pure
May 21, 2019	12:36:47	EDT	200	2.81	CAD	Pure
May 21, 2019	12:36:47	EDT	400	2.81	CAD	NEO
May 21, 2019	12:36:47	EDT	100	2.81	CAD	Pure
May 21, 2019	12:36:47	EDT	100	2.81	CAD	NEO
May 21, 2019	12:36:47	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	300	2.81	CAD	Pure
May 21, 2019	12:39:48	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	100	2.81	CAD	NEO
May 21, 2019	12:39:48	EDT	200	2.81	CAD	Pure
May 21, 2019	12:48:59	EDT	100	2.81	CAD	Chi-X
May 21, 2019	12:48:59	EDT	300	2.81	CAD	Chi-X
May 21, 2019	12:48:59	EDT	1000	2.81	CAD	Chi-X
May 21, 2019	12:48:59	EDT	400	2.81	CAD	Chi-X
May 21, 2019	12:48:59	EDT	100	2.81	CAD	NEO
May 21, 2019	12:48:59	EDT	100	2.81	CAD	NEO
May 21, 2019	12:48:59	EDT	300	2.81	CAD	Pure
May 21, 2019	12:48:59	EDT	100	2.81	CAD	NEO
May 21, 2019	12:48:59	EDT	400	2.81	CAD	NEO
May 21, 2019	12:48:59	EDT	100	2.81	CAD	Pure

May 21, 2019	12:53:00	EDT	300	2.82	CAD	Chi-X
May 21, 2019	12:53:00	EDT	100	2.82	CAD	NEO
May 21, 2019	12:53:00	EDT	700	2.82	CAD	Chi-X
May 21, 2019	12:53:00	EDT	100	2.82	CAD	Pure
May 21, 2019	12:56:04	EDT	100	2.82	CAD	Chi-X
May 21, 2019	12:56:04	EDT	100	2.82	CAD	Chi-X
May 21, 2019	12:56:04	EDT	1000	2.82	CAD	Pure
May 21, 2019	12:56:04	EDT	100	2.82	CAD	Chi-X
May 21, 2019	13:00:05	EDT	100	2.82	CAD	Pure
May 21, 2019	13:00:05	EDT	900	2.82	CAD	Pure
May 21, 2019	13:05:54	EDT	1000	2.81	CAD	NEO
May 21, 2019	13:19:34	EDT	700	2.82	CAD	Chi-X
May 21, 2019	13:19:34	EDT	1200	2.82	CAD	Chi-X
May 21, 2019	13:19:34	EDT	200	2.82	CAD	Chi-X
May 21, 2019	13:19:34	EDT	1800	2.82	CAD	NEO
May 21, 2019	13:19:34	EDT	800	2.82	CAD	Chi-X
May 21, 2019	13:19:34	EDT	100	2.82	CAD	Pure
May 21, 2019	13:26:43	EDT	100	2.82	CAD	Pure
May 21, 2019	13:26:43	EDT	300	2.82	CAD	Pure
May 21, 2019	13:26:43	EDT	1500	2.82	CAD	Omega
May 21, 2019	13:26:43	EDT	400	2.82	CAD	NEO
May 21, 2019	13:26:43	EDT	100	2.82	CAD	NEO
May 21, 2019	13:26:43	EDT	200	2.82	CAD	Omega
May 21, 2019	13:32:46	EDT	100	2.82	CAD	NEO
May 21, 2019	13:32:46	EDT	200	2.82	CAD	Pure
May 21, 2019	13:32:46	EDT	500	2.82	CAD	Pure
May 21, 2019	13:32:46	EDT	300	2.82	CAD	Chi-X
May 21, 2019	13:32:46	EDT	100	2.82	CAD	NEO
May 21, 2019	13:46:01	EDT	200	2.82	CAD	Chi-X
May 21, 2019	13:46:01	EDT	700	2.82	CAD	NEO
May 21, 2019	13:46:01	EDT	100	2.82	CAD	Chi-X
May 21, 2019	13:46:01	EDT	200	2.82	CAD	Pure
May 21, 2019	13:46:01	EDT	100	2.82	CAD	NEO
May 21, 2019	13:46:01	EDT	1500	2.82	CAD	Omega
May 21, 2019	13:46:01	EDT	100	2.82	CAD	Pure
May 21, 2019	13:46:01	EDT	300	2.82	CAD	Omega
May 21, 2019	13:46:01	EDT	400	2.82	CAD	Omega
May 21, 2019	13:58:14	EDT	200	2.82	CAD	NEO
May 21, 2019	13:58:14	EDT	100	2.82	CAD	NEO
May 21, 2019	13:58:14	EDT	1100	2.82	CAD	NEO
May 21, 2019	13:58:14	EDT	1500	2.82	CAD	Omega
May 21, 2019	14:44:33	EDT	100	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	6000	2.82	CAD	NEO
May 21, 2019	14:44:33	EDT	500	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	200	2.815	CAD	Chi-X
May 21, 2019	14:44:33	EDT	100	2.815	CAD	Chi-X
May 21, 2019	14:44:33	EDT	1200	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	600	2.82	CAD	Chi-X



May 21, 2019	14:44:33	EDT	100	2.82	CAD	NEO
May 21, 2019	14:44:33	EDT	900	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	800	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	900	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	1000	2.82	CAD	Chi-X
May 21, 2019	14:44:33	EDT	1500	2.82	CAD	Omega
May 21, 2019	14:44:33	EDT	100	2.82	CAD	Omega
May 21, 2019	14:44:33	EDT	700	2.82	CAD	Chi-X
May 21, 2019	14:52:51	EDT	100	2.82	CAD	NEO
May 21, 2019	14:52:51	EDT	4300	2.82	CAD	NEO
May 21, 2019	14:54:52	EDT	700	2.82	CAD	NEO
May 21, 2019	14:54:52	EDT	100	2.82	CAD	NEO
May 21, 2019	15:09:17	EDT	300	2.815	CAD	Chi-X
May 21, 2019	15:09:17	EDT	2400	2.82	CAD	Chi-X
May 21, 2019	15:09:17	EDT	100	2.82	CAD	NEO
May 21, 2019	15:09:17	EDT	1200	2.82	CAD	NEO
May 21, 2019	15:09:17	EDT	100	2.82	CAD	NEO
May 21, 2019	15:09:17	EDT	700	2.82	CAD	Pure
May 21, 2019	15:09:17	EDT	400	2.82	CAD	Pure
May 21, 2019	15:17:29	EDT	1100	2.82	CAD	NEO
May 21, 2019	15:17:29	EDT	100	2.82	CAD	NEO
May 21, 2019	15:17:29	EDT	1500	2.82	CAD	NEO
May 21, 2019	15:17:29	EDT	100	2.82	CAD	NEO
May 21, 2019	15:17:29	EDT	200	2.82	CAD	NEO
May 21, 2019	15:21:31	EDT	1200	2.82	CAD	NEO
May 21, 2019	15:24:43	EDT	100	2.82	CAD	NEO
May 21, 2019	15:24:43	EDT	700	2.815	CAD	TSX
May 21, 2019	15:24:43	EDT	700	2.82	CAD	TSX
May 21, 2019	15:24:43	EDT	25	2.82	CAD	TSX
May 21, 2019	15:24:43	EDT	300	2.82	CAD	NEO
May 21, 2019	15:24:43	EDT	300	2.82	CAD	NEO
May 21, 2019	15:24:43	EDT	300	2.82	CAD	NEO
May 21, 2019	15:24:43	EDT	300	2.82	CAD	NEO
May 21, 2019	15:24:43	EDT	200	2.82	CAD	NEO
May 22, 2019	09:31:30	EDT	100	2.81	CAD	Chi-X
May 22, 2019	09:31:35	EDT	900	2.8	CAD	TSX
May 22, 2019	09:31:35	EDT	100	2.8	CAD	TSX
May 22, 2019	09:31:35	EDT	800	2.8	CAD	NEO
May 22, 2019	09:31:35	EDT	200	2.8	CAD	NEO
May 22, 2019	09:33:19	EDT	300	2.82	CAD	TSX
May 22, 2019	09:33:19	EDT	900	2.82	CAD	NEO
May 22, 2019	09:33:19	EDT	200	2.82	CAD	Chi-X
May 22, 2019	09:33:19	EDT	700	2.82	CAD	TSX
May 22, 2019	09:35:58	EDT	800	2.81	CAD	NEO
May 22, 2019	09:35:59	EDT	800	2.81	CAD	TSX
May 22, 2019	09:35:59	EDT	200	2.81	CAD	TSX
May 22, 2019	09:35:59	EDT	200	2.81	CAD	NEO
May 22, 2019	09:39:15	EDT	1100	2.81	CAD	Chi-X

May 22, 2019	09:39:15	EDT	300	2.81	CAD	Chi-X
May 22, 2019	09:40:17	EDT	1000	2.81	CAD	Chi-X
May 22, 2019	09:42:20	EDT	1100	2.81	CAD	Chi-X
May 22, 2019	09:42:20	EDT	200	2.81	CAD	Chi-X
May 22, 2019	09:42:20	EDT	300	2.81	CAD	Chi-X
May 22, 2019	09:42:20	EDT	200	2.81	CAD	Chi-X
May 22, 2019	09:43:23	EDT	300	2.82	CAD	TSX
May 22, 2019	09:43:23	EDT	500	2.82	CAD	NEO
May 22, 2019	09:43:23	EDT	300	2.82	CAD	TSX
May 22, 2019	09:44:27	EDT	1100	2.83	CAD	Chi-X
May 22, 2019	09:50:55	EDT	4400	2.84	CAD	TSX
May 22, 2019	09:50:55	EDT	800	2.84	CAD	Chi-X
May 22, 2019	09:50:55	EDT	400	2.84	CAD	TSX
May 22, 2019	09:50:55	EDT	1000	2.84	CAD	Chi-X
May 22, 2019	09:51:57	EDT	800	2.84	CAD	Omega
May 22, 2019	09:53:00	EDT	800	2.84	CAD	Chi-X
May 22, 2019	09:54:03	EDT	900	2.84	CAD	Chi-X
May 22, 2019	09:55:04	EDT	800	2.84	CAD	TSX
May 22, 2019	09:57:06	EDT	1400	2.85	CAD	Chi-X
May 22, 2019	09:57:06	EDT	100	2.85	CAD	Chi-X
May 22, 2019	09:57:06	EDT	100	2.85	CAD	Pure
May 22, 2019	10:07:25	EDT	200	2.84	CAD	NEO
May 22, 2019	10:07:43	EDT	200	2.84	CAD	NEO
May 22, 2019	10:08:03	EDT	200	2.84	CAD	NEO
May 22, 2019	10:11:49	EDT	300	2.84	CAD	NEO
May 22, 2019	10:11:49	EDT	100	2.84	CAD	NEO
May 22, 2019	10:11:53	EDT	2200	2.84	CAD	TSX
May 22, 2019	10:11:53	EDT	300	2.84	CAD	TSX
May 22, 2019	10:11:53	EDT	200	2.84	CAD	TSX
May 22, 2019	10:11:53	EDT	1100	2.84	CAD	TSX
May 22, 2019	10:11:53	EDT	800	2.84	CAD	NEO
May 22, 2019	10:11:53	EDT	100	2.84	CAD	NEO
May 22, 2019	10:11:53	EDT	100	2.84	CAD	NEO
May 22, 2019	10:11:53	EDT	1700	2.84	CAD	TSX
May 22, 2019	10:11:53	EDT	1300	2.84	CAD	TSX
May 22, 2019	10:11:53	EDT	1200	2.84	CAD	NEO
May 22, 2019	10:11:54	EDT	800	2.84	CAD	Chi-X
May 22, 2019	10:11:54	EDT	100	2.84	CAD	Chi-X
May 22, 2019	10:11:54	EDT	100	2.835	CAD	TSX
May 22, 2019	10:11:54	EDT	1100	2.84	CAD	Chi-X
May 22, 2019	10:11:54	EDT	100	2.84	CAD	NEO
May 22, 2019	10:11:54	EDT	1000	2.84	CAD	Chi-X
May 22, 2019	10:11:54	EDT	300	2.84	CAD	TSX
May 22, 2019	10:11:54	EDT	700	2.84	CAD	TSX
May 22, 2019	10:23:04	EDT	100	2.84	CAD	NEO
May 22, 2019	10:23:25	EDT	100	2.84	CAD	NEO
May 22, 2019	10:24:40	EDT	3100	2.84	CAD	TSX
May 22, 2019	10:24:40	EDT	100	2.84	CAD	NEO

May 22, 2019	10:24:40	EDT	1200	2.84	CAD	TSX
May 22, 2019	10:24:40	EDT	100	2.84	CAD	NEO
May 22, 2019	10:24:52	EDT	100	2.84	CAD	NEO
May 22, 2019	10:24:55	EDT	100	2.84	CAD	NEO
May 22, 2019	10:26:59	EDT	1000	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	600	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	700	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	3800	2.84	CAD	TSX
May 22, 2019	10:30:00	EDT	100	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	100	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	100	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	1500	2.84	CAD	NEO
May 22, 2019	10:30:00	EDT	700	2.84	CAD	NEO
May 22, 2019	10:35:02	EDT	900	2.84	CAD	TSX
May 22, 2019	10:35:02	EDT	200	2.84	CAD	NEO
May 22, 2019	10:35:02	EDT	100	2.84	CAD	TSX
May 22, 2019	10:35:02	EDT	900	2.84	CAD	NEO
May 22, 2019	10:37:31	EDT	800	2.84	CAD	NEO
May 22, 2019	10:37:32	EDT	900	2.84	CAD	TSX
May 22, 2019	10:37:32	EDT	100	2.84	CAD	TSX
May 22, 2019	10:37:32	EDT	200	2.84	CAD	NEO
May 22, 2019	10:45:19	EDT	100	2.83	CAD	Chi-X
May 22, 2019	10:45:19	EDT	700	2.83	CAD	NEO
May 22, 2019	10:45:19	EDT	600	2.83	CAD	Chi-X
May 22, 2019	10:45:19	EDT	1200	2.83	CAD	Chi-X
May 22, 2019	10:45:19	EDT	100	2.83	CAD	Chi-X
May 22, 2019	10:46:20	EDT	300	2.83	CAD	TSX
May 22, 2019	10:46:20	EDT	400	2.83	CAD	Chi-X
May 22, 2019	10:46:20	EDT	100	2.83	CAD	TSX
May 22, 2019	10:49:07	EDT	100	2.82	CAD	NEO
May 22, 2019	10:49:13	EDT	100	2.82	CAD	NEO
May 22, 2019	10:49:13	EDT	400	2.82	CAD	TSX
May 22, 2019	10:49:13	EDT	500	2.82	CAD	NEO
May 22, 2019	10:49:13	EDT	500	2.82	CAD	TSX
May 22, 2019	10:49:13	EDT	1000	2.82	CAD	TSX
May 22, 2019	10:49:13	EDT	1300	2.82	CAD	NEO
May 22, 2019	10:49:13	EDT	100	2.82	CAD	TSX
May 22, 2019	10:58:18	EDT	100	2.82	CAD	Chi-X
May 22, 2019	10:58:18	EDT	900	2.82	CAD	Chi-X
May 22, 2019	10:58:18	EDT	400	2.82	CAD	Pure
May 22, 2019	10:58:18	EDT	800	2.82	CAD	Chi-X
May 22, 2019	10:58:18	EDT	600	2.82	CAD	Pure
May 22, 2019	10:58:18	EDT	700	2.82	CAD	NEO
May 22, 2019	11:00:21	EDT	300	2.82	CAD	Chi-X
May 22, 2019	11:00:21	EDT	600	2.82	CAD	Chi-X
May 22, 2019	11:03:51	EDT	2900	2.81	CAD	NEO
May 22, 2019	11:03:51	EDT	200	2.81	CAD	NEO
May 22, 2019	11:03:51	EDT	3000	2.81	CAD	TSX

May 22, 2019	11:11:04	EDT	1800	2.81	CAD	TSX
May 22, 2019	11:11:04	EDT	100	2.81	CAD	NEO
May 22, 2019	11:11:04	EDT	1800	2.81	CAD	NEO
May 22, 2019	11:11:04	EDT	100	2.81	CAD	NEO
May 22, 2019	11:11:04	EDT	100	2.81	CAD	TSX
May 22, 2019	11:11:04	EDT	500	2.81	CAD	TSX
May 22, 2019	11:11:04	EDT	100	2.81	CAD	NEO
May 22, 2019	11:11:04	EDT	200	2.81	CAD	NEO
May 22, 2019	11:11:04	EDT	100	2.81	CAD	NEO
May 22, 2019	11:15:48	EDT	500	2.81	CAD	TSX
May 22, 2019	11:15:48	EDT	400	2.81	CAD	TSX
May 22, 2019	11:15:48	EDT	300	2.81	CAD	TSX
May 22, 2019	11:29:29	EDT	1800	2.81	CAD	NEO
May 22, 2019	11:29:29	EDT	700	2.81	CAD	Chi-X
May 22, 2019	11:29:29	EDT	100	2.81	CAD	Chi-X
May 22, 2019	11:29:29	EDT	600	2.81	CAD	Pure
May 22, 2019	11:29:29	EDT	700	2.81	CAD	NEO
May 22, 2019	11:29:29	EDT	1800	2.81	CAD	NEO
May 22, 2019	11:29:29	EDT	400	2.81	CAD	Pure
May 22, 2019	11:29:29	EDT	1700	2.81	CAD	NEO
May 22, 2019	11:34:37	EDT	1700	2.81	CAD	NEO
May 22, 2019	11:34:37	EDT	500	2.81	CAD	NEO
May 22, 2019	11:34:37	EDT	100	2.81	CAD	Pure
May 22, 2019	11:37:20	EDT	1900	2.8	CAD	NEO
May 22, 2019	11:43:51	EDT	500	2.81	CAD	Chi-X
May 22, 2019	11:43:51	EDT	700	2.81	CAD	TSX
May 22, 2019	11:43:51	EDT	100	2.81	CAD	Chi-X
May 22, 2019	11:43:51	EDT	800	2.81	CAD	Chi-X
May 22, 2019	11:43:51	EDT	700	2.81	CAD	Chi-X
May 22, 2019	11:47:55	EDT	700	2.81	CAD	NEO
May 22, 2019	11:47:55	EDT	200	2.81	CAD	Pure
May 22, 2019	11:47:55	EDT	300	2.81	CAD	Pure
May 22, 2019	11:49:57	EDT	400	2.81	CAD	Chi-X
May 22, 2019	11:49:57	EDT	800	2.81	CAD	Pure
May 22, 2019	11:54:02	EDT	400	2.81	CAD	Chi-X
May 22, 2019	11:54:02	EDT	1400	2.81	CAD	Chi-X
May 22, 2019	11:59:08	EDT	100	2.81	CAD	Chi-X
May 22, 2019	11:59:08	EDT	1200	2.81	CAD	Chi-X
May 22, 2019	11:59:08	EDT	500	2.81	CAD	Chi-X
May 22, 2019	12:01:09	EDT	800	2.81	CAD	TSX
May 22, 2019	12:01:09	EDT	300	2.81	CAD	Chi-X
May 22, 2019	12:06:11	EDT	1000	2.81	CAD	Omega
May 22, 2019	12:10:15	EDT	500	2.81	CAD	Chi-X
May 22, 2019	12:10:15	EDT	600	2.81	CAD	Pure
May 22, 2019	12:10:15	EDT	300	2.81	CAD	Pure
May 22, 2019	12:33:55	EDT	500	2.81	CAD	TSX
May 22, 2019	12:33:55	EDT	1200	2.81	CAD	Chi-X
May 22, 2019	12:33:55	EDT	200	2.81	CAD	Chi-X

May 22, 2019	12:33:55	EDT	100	2.805	CAD	TSX
May 22, 2019	12:33:55	EDT	1500	2.81	CAD	Chi-X
May 22, 2019	12:33:55	EDT	1500	2.81	CAD	Chi-X
May 22, 2019	12:33:55	EDT	600	2.81	CAD	Pure
May 22, 2019	12:33:55	EDT	200	2.81	CAD	Chi-X
May 22, 2019	12:33:55	EDT	600	2.81	CAD	Chi-X
May 22, 2019	12:33:55	EDT	400	2.81	CAD	Pure
May 22, 2019	12:37:57	EDT	100	2.81	CAD	Chi-X
May 22, 2019	12:37:57	EDT	200	2.81	CAD	Chi-X
May 22, 2019	12:37:57	EDT	500	2.81	CAD	Pure
May 22, 2019	12:37:57	EDT	200	2.81	CAD	Pure
May 22, 2019	12:39:58	EDT	800	2.81	CAD	Pure
May 22, 2019	12:39:58	EDT	100	2.81	CAD	NEO
May 22, 2019	12:40:14	EDT	1700	2.8	CAD	NEO
May 22, 2019	12:49:00	EDT	300	2.81	CAD	Chi-X
May 22, 2019	12:49:00	EDT	100	2.81	CAD	NEO
May 22, 2019	12:49:00	EDT	700	2.81	CAD	Pure
May 22, 2019	12:53:02	EDT	700	2.81	CAD	Chi-X
May 22, 2019	12:53:02	EDT	500	2.81	CAD	Chi-X
May 22, 2019	12:55:04	EDT	500	2.81	CAD	Pure
May 22, 2019	12:55:04	EDT	300	2.81	CAD	Pure
May 22, 2019	12:57:05	EDT	800	2.81	CAD	Chi-X
May 22, 2019	13:04:20	EDT	2700	2.8	CAD	NEO
May 22, 2019	13:05:20	EDT	1500	2.8	CAD	TSX
May 22, 2019	13:05:20	EDT	100	2.8	CAD	TSX
May 22, 2019	13:05:20	EDT	1400	2.8	CAD	NEO
May 22, 2019	13:08:31	EDT	200	2.8	CAD	NEO
May 22, 2019	13:14:27	EDT	100	2.8	CAD	TSX
May 22, 2019	13:14:49	EDT	100	2.8	CAD	TSX
May 22, 2019	13:15:02	EDT	100	2.8	CAD	TSX
May 22, 2019	13:15:16	EDT	100	2.8	CAD	TSX
May 22, 2019	13:17:00	EDT	100	2.8	CAD	TSX
May 22, 2019	13:18:12	EDT	900	2.8	CAD	NEO
May 22, 2019	13:18:12	EDT	500	2.8	CAD	TSX
May 22, 2019	13:21:25	EDT	400	2.8	CAD	TSX
May 22, 2019	13:21:25	EDT	700	2.8	CAD	TSX
May 22, 2019	13:21:25	EDT	500	2.8	CAD	NEO
May 22, 2019	13:21:35	EDT	200	2.8	CAD	NEO
May 22, 2019	13:21:53	EDT	100	2.8	CAD	TSX
May 22, 2019	13:21:53	EDT	400	2.8	CAD	NEO
May 22, 2019	13:21:56	EDT	200	2.8	CAD	NEO
May 22, 2019	13:34:37	EDT	200	2.8	CAD	NEO
May 22, 2019	13:34:40	EDT	100	2.8	CAD	NEO
May 22, 2019	13:36:37	EDT	1900	2.8	CAD	TSX
May 22, 2019	13:36:37	EDT	200	2.8	CAD	TSX
May 22, 2019	13:36:37	EDT	1800	2.8	CAD	NEO
May 22, 2019	13:36:37	EDT	300	2.8	CAD	NEO
May 22, 2019	13:51:39	EDT	600	2.79	CAD	NEO

May 22, 2019	13:51:39	EDT	200	2.79	CAD	TSX
May 22, 2019	13:51:39	EDT	100	2.79	CAD	NEO
May 22, 2019	13:51:39	EDT	300	2.79	CAD	NEO
May 22, 2019	13:51:39	EDT	800	2.79	CAD	TSX
May 22, 2019	14:02:29	EDT	100	2.79	CAD	NEO
May 22, 2019	14:02:29	EDT	100	2.79	CAD	NEO
May 22, 2019	14:02:29	EDT	100	2.79	CAD	NEO
May 22, 2019	14:02:29	EDT	100	2.79	CAD	NEO
May 22, 2019	14:04:37	EDT	300	2.79	CAD	TSX
May 22, 2019	14:04:37	EDT	1900	2.79	CAD	NEO
May 22, 2019	14:04:37	EDT	1900	2.79	CAD	TSX
May 22, 2019	14:04:37	EDT	300	2.79	CAD	NEO
May 22, 2019	14:04:37	EDT	100	2.79	CAD	NEO
May 22, 2019	14:12:54	EDT	900	2.79	CAD	TSX
May 22, 2019	14:12:54	EDT	700	2.79	CAD	NEO
May 22, 2019	14:12:54	EDT	100	2.79	CAD	TSX
May 22, 2019	14:12:54	EDT	300	2.79	CAD	NEO
May 22, 2019	14:18:26	EDT	100	2.79	CAD	NEO
May 22, 2019	14:24:07	EDT	1300	2.8	CAD	Omega
May 22, 2019	14:26:09	EDT	1000	2.8	CAD	Omega
May 22, 2019	14:31:15	EDT	100	2.8	CAD	Chi-X
May 22, 2019	14:31:15	EDT	600	2.8	CAD	Pure
May 22, 2019	14:31:15	EDT	100	2.8	CAD	Chi-X
May 22, 2019	14:31:15	EDT	100	2.8	CAD	Chi-X
May 22, 2019	14:31:15	EDT	100	2.8	CAD	Chi-X
May 22, 2019	14:31:15	EDT	900	2.8	CAD	Chi-X
May 22, 2019	14:31:15	EDT	400	2.8	CAD	Pure
May 22, 2019	14:43:34	EDT	400	2.8	CAD	Chi-X
May 22, 2019	14:43:34	EDT	100	2.8	CAD	Chi-X
May 22, 2019	14:43:34	EDT	800	2.8	CAD	Chi-X
May 22, 2019	14:43:34	EDT	500	2.8	CAD	Chi-X
May 22, 2019	14:43:34	EDT	600	2.8	CAD	Pure
May 22, 2019	14:43:34	EDT	900	2.8	CAD	Omega
May 22, 2019	14:43:34	EDT	100	2.8	CAD	Omega
May 22, 2019	14:43:34	EDT	400	2.8	CAD	Pure
May 22, 2019	15:05:55	EDT	1100	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	2000	2.8	CAD	NEO
May 22, 2019	15:05:55	EDT	1000	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	3000	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	1000	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	600	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	700	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	100	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	900	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	25	2.8	CAD	TSX
May 22, 2019	15:05:55	EDT	500	2.8	CAD	NEO
May 22, 2019	15:05:55	EDT	700	2.8	CAD	NEO
May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X

May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	200	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	200	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	200	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	200	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	500	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	300	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	600	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	1500	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	800	2.8	CAD	Chi-X
May 22, 2019	15:05:56	EDT	100	2.8	CAD	Chi-X
May 23, 2019	09:31:22	EDT	100	2.72	CAD	Pure
May 23, 2019	09:32:13	EDT	500	2.71	CAD	NEO
May 23, 2019	09:32:13	EDT	600	2.71	CAD	TSX
May 23, 2019	09:32:13	EDT	200	2.71	CAD	NEO
May 23, 2019	09:32:13	EDT	400	2.71	CAD	TSX
May 23, 2019	09:32:13	EDT	300	2.71	CAD	NEO
May 23, 2019	09:33:48	EDT	300	2.7	CAD	TSX
May 23, 2019	09:33:48	EDT	300	2.7	CAD	TSX
May 23, 2019	09:33:48	EDT	400	2.7	CAD	TSX
May 23, 2019	09:33:48	EDT	100	2.7	CAD	NEO
May 23, 2019	09:33:48	EDT	200	2.7	CAD	NEO
May 23, 2019	09:33:48	EDT	100	2.7	CAD	NEO
May 23, 2019	09:33:48	EDT	100	2.7	CAD	NEO
May 23, 2019	09:33:48	EDT	500	2.7	CAD	NEO
May 23, 2019	09:33:48	EDT	100	2.7	CAD	NEO
May 23, 2019	09:35:02	EDT	800	2.68	CAD	TSX
May 23, 2019	09:35:02	EDT	100	2.68	CAD	TSX
May 23, 2019	09:35:02	EDT	700	2.68	CAD	NEO
May 23, 2019	09:35:10	EDT	100	2.68	CAD	TSX
May 23, 2019	09:35:10	EDT	300	2.68	CAD	NEO
May 23, 2019	09:38:17	EDT	100	2.67	CAD	TSX
May 23, 2019	09:38:17	EDT	100	2.67	CAD	NEO
May 23, 2019	09:38:17	EDT	100	2.67	CAD	TSX
May 23, 2019	09:38:17	EDT	500	2.67	CAD	TSX
May 23, 2019	09:38:17	EDT	300	2.67	CAD	TSX
May 23, 2019	09:38:17	EDT	100	2.67	CAD	NEO
May 23, 2019	09:38:17	EDT	100	2.67	CAD	NEO
May 23, 2019	09:38:17	EDT	800	2.67	CAD	NEO
May 23, 2019	09:38:28	EDT	100	2.66	CAD	NEO
May 23, 2019	09:38:28	EDT	100	2.66	CAD	NEO
May 23, 2019	09:41:30	EDT	100	2.67	CAD	TSX
May 23, 2019	09:41:36	EDT	1700	2.67	CAD	TSX
May 23, 2019	09:41:36	EDT	1800	2.67	CAD	NEO

May 23, 2019	09:43:22	EDT	800	2.67	CAD	NEO
May 23, 2019	09:48:49	EDT	3200	2.69	CAD	Chi-X
May 23, 2019	09:48:49	EDT	1100	2.69	CAD	Chi-X
May 23, 2019	09:50:08	EDT	2300	2.69	CAD	TSX
May 23, 2019	09:50:08	EDT	1800	2.69	CAD	NEO
May 23, 2019	09:50:08	EDT	400	2.69	CAD	NEO
May 23, 2019	09:50:08	EDT	100	2.69	CAD	NEO
May 23, 2019	10:00:38	EDT	1200	2.72	CAD	Chi-X
May 23, 2019	10:00:38	EDT	1200	2.72	CAD	Chi-X
May 23, 2019	10:00:38	EDT	400	2.72	CAD	Chi-X
May 23, 2019	10:00:38	EDT	100	2.72	CAD	NEO
May 23, 2019	10:00:38	EDT	100	2.72	CAD	NEO
May 23, 2019	10:00:38	EDT	800	2.72	CAD	Chi-X
May 23, 2019	10:00:38	EDT	800	2.72	CAD	Chi-X
May 23, 2019	10:00:38	EDT	300	2.72	CAD	Chi-X
May 23, 2019	10:01:40	EDT	300	2.71	CAD	TSX
May 23, 2019	10:01:40	EDT	1500	2.71	CAD	NEO
May 23, 2019	10:01:40	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:12	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:17	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:21	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:22	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:27	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:32	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:34	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:37	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:41	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:46	EDT	100	2.71	CAD	NEO
May 23, 2019	10:04:49	EDT	400	2.71	CAD	TSX
May 23, 2019	10:04:49	EDT	1500	2.71	CAD	TSX
May 23, 2019	10:04:49	EDT	1200	2.71	CAD	NEO
May 23, 2019	10:04:50	EDT	600	2.71	CAD	NEO
May 23, 2019	10:04:51	EDT	100	2.71	CAD	Chi-X
May 23, 2019	10:07:21	EDT	900	2.71	CAD	TSX
May 23, 2019	10:07:21	EDT	100	2.71	CAD	NEO
May 23, 2019	10:07:21	EDT	100	2.71	CAD	NEO
May 23, 2019	10:11:30	EDT	1900	2.72	CAD	TSX
May 23, 2019	10:11:30	EDT	100	2.72	CAD	NEO
May 23, 2019	10:11:30	EDT	100	2.72	CAD	NEO
May 23, 2019	10:11:30	EDT	100	2.72	CAD	NEO
May 23, 2019	10:11:30	EDT	100	2.72	CAD	NEO
May 23, 2019	10:11:30	EDT	100	2.72	CAD	NEO
May 23, 2019	10:11:30	EDT	1300	2.72	CAD	NEO
May 23, 2019	10:11:30	EDT	100	2.72	CAD	NEO
May 23, 2019	10:14:47	EDT	1200	2.72	CAD	Chi-X
May 23, 2019	10:14:47	EDT	800	2.72	CAD	Chi-X
May 23, 2019	10:20:55	EDT	200	2.71	CAD	TSX
May 23, 2019	10:20:55	EDT	1900	2.71	CAD	NEO



May 23, 2019	10:22:32	EDT	200	2.71	CAD	NEO
May 23, 2019	10:22:37	EDT	200	2.71	CAD	NEO
May 23, 2019	10:22:39	EDT	100	2.71	CAD	NEO
May 23, 2019	10:22:42	EDT	100	2.71	CAD	NEO
May 23, 2019	10:22:51	EDT	100	2.71	CAD	NEO
May 23, 2019	10:25:43	EDT	100	2.71	CAD	NEO
May 23, 2019	10:26:08	EDT	100	2.71	CAD	NEO
May 23, 2019	10:26:46	EDT	100	2.71	CAD	NEO
May 23, 2019	10:28:08	EDT	100	2.72	CAD	TSX
May 23, 2019	10:28:08	EDT	200	2.72	CAD	TSX
May 23, 2019	10:28:08	EDT	900	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	100	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	100	2.72	CAD	Pure
May 23, 2019	10:28:09	EDT	100	2.72	CAD	Pure
May 23, 2019	10:28:09	EDT	100	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	100	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	1000	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	1000	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	100	2.72	CAD	TSX
May 23, 2019	10:28:09	EDT	100	2.72	CAD	Pure
May 23, 2019	10:28:09	EDT	100	2.72	CAD	Pure
May 23, 2019	10:28:09	EDT	100	2.72	CAD	Pure
May 23, 2019	10:29:42	EDT	100	2.71	CAD	NEO
May 23, 2019	10:33:17	EDT	500	2.71	CAD	Chi-X
May 23, 2019	10:33:17	EDT	100	2.71	CAD	NEO
May 23, 2019	10:33:18	EDT	1100	2.71	CAD	Chi-X
May 23, 2019	10:33:18	EDT	200	2.71	CAD	Chi-X
May 23, 2019	10:33:18	EDT	800	2.71	CAD	NEO
May 23, 2019	10:43:08	EDT	3000	2.71	CAD	TSX
May 23, 2019	10:43:08	EDT	1800	2.71	CAD	NEO
May 23, 2019	10:43:08	EDT	1800	2.71	CAD	TSX
May 23, 2019	10:43:08	EDT	3000	2.71	CAD	NEO
May 23, 2019	10:46:06	EDT	900	2.7	CAD	TSX
May 23, 2019	10:46:06	EDT	900	2.7	CAD	NEO
May 23, 2019	10:46:06	EDT	100	2.7	CAD	TSX
May 23, 2019	10:46:06	EDT	100	2.7	CAD	NEO
May 23, 2019	10:49:17	EDT	100	2.69	CAD	NEO
May 23, 2019	10:49:17	EDT	100	2.69	CAD	NEO
May 23, 2019	10:49:17	EDT	100	2.69	CAD	NEO
May 23, 2019	10:49:17	EDT	100	2.69	CAD	NEO
May 23, 2019	10:49:17	EDT	1000	2.69	CAD	TSX
May 23, 2019	10:49:17	EDT	100	2.69	CAD	NEO
May 23, 2019	10:49:17	EDT	500	2.69	CAD	NEO
May 23, 2019	10:57:06	EDT	100	2.67	CAD	NEO
May 23, 2019	10:58:44	EDT	300	2.68	CAD	TSX
May 23, 2019	10:58:44	EDT	100	2.68	CAD	TSX
May 23, 2019	10:58:44	EDT	500	2.68	CAD	TSX
May 23, 2019	10:58:44	EDT	100	2.68	CAD	Pure

May 23, 2019	10:58:44	EDT	1000	2.68	CAD	TSX
May 23, 2019	10:58:44	EDT	100	2.68	CAD	Pure
May 23, 2019	10:58:44	EDT	600	2.68	CAD	Pure
May 23, 2019	10:58:44	EDT	400	2.68	CAD	Pure
May 23, 2019	11:01:25	EDT	1000	2.67	CAD	TSX
May 23, 2019	11:01:25	EDT	300	2.67	CAD	TSX
May 23, 2019	11:01:25	EDT	2000	2.67	CAD	NEO
May 23, 2019	11:01:25	EDT	1000	2.67	CAD	TSX
May 23, 2019	11:01:27	EDT	300	2.67	CAD	NEO
May 23, 2019	11:05:42	EDT	100	2.66	CAD	NEO
May 23, 2019	11:06:02	EDT	800	2.66	CAD	NEO
May 23, 2019	11:06:02	EDT	100	2.66	CAD	NEO
May 23, 2019	11:06:02	EDT	1000	2.66	CAD	TSX
May 23, 2019	11:07:06	EDT	100	2.64	CAD	NEO
May 23, 2019	11:08:32	EDT	900	2.64	CAD	TSX
May 23, 2019	11:08:32	EDT	100	2.64	CAD	TSX
May 23, 2019	11:08:32	EDT	200	2.64	CAD	NEO
May 23, 2019	11:08:32	EDT	700	2.64	CAD	NEO
May 23, 2019	11:08:49	EDT	200	2.63	CAD	NEO
May 23, 2019	11:10:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:10:07	EDT	100	2.63	CAD	NEO
May 23, 2019	11:10:12	EDT	100	2.63	CAD	NEO
May 23, 2019	11:10:12	EDT	200	2.63	CAD	NEO
May 23, 2019	11:10:14	EDT	100	2.63	CAD	NEO
May 23, 2019	11:10:17	EDT	200	2.63	CAD	NEO
May 23, 2019	11:11:22	EDT	100	2.63	CAD	NEO
May 23, 2019	11:12:04	EDT	200	2.63	CAD	TSX
May 23, 2019	11:12:35	EDT	100	2.63	CAD	TSX
May 23, 2019	11:12:43	EDT	100	2.63	CAD	TSX
May 23, 2019	11:12:44	EDT	100	2.63	CAD	TSX
May 23, 2019	11:12:45	EDT	100	2.63	CAD	TSX
May 23, 2019	11:12:50	EDT	100	2.63	CAD	TSX
May 23, 2019	11:12:58	EDT	300	2.63	CAD	NEO
May 23, 2019	11:13:08	EDT	100	2.63	CAD	NEO
May 23, 2019	11:13:13	EDT	100	2.63	CAD	NEO
May 23, 2019	11:13:21	EDT	100	2.63	CAD	NEO
May 23, 2019	11:13:33	EDT	100	2.63	CAD	NEO
May 23, 2019	11:13:41	EDT	100	2.63	CAD	NEO
May 23, 2019	11:13:56	EDT	200	2.63	CAD	NEO
May 23, 2019	11:14:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:14:09	EDT	100	2.63	CAD	NEO
May 23, 2019	11:14:31	EDT	100	2.63	CAD	NEO
May 23, 2019	11:14:37	EDT	100	2.63	CAD	NEO
May 23, 2019	11:15:03	EDT	100	2.63	CAD	NEO
May 23, 2019	11:15:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:15:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:15:27	EDT	200	2.63	CAD	NEO
May 23, 2019	11:15:35	EDT	100	2.63	CAD	NEO

May 23, 2019	11:15:46	EDT	100	2.63	CAD	NEO
May 23, 2019	11:15:56	EDT	200	2.63	CAD	NEO
May 23, 2019	11:16:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:16:12	EDT	100	2.63	CAD	NEO
May 23, 2019	11:16:15	EDT	200	2.63	CAD	NEO
May 23, 2019	11:16:35	EDT	100	2.63	CAD	NEO
May 23, 2019	11:16:55	EDT	400	2.63	CAD	NEO
May 23, 2019	11:16:59	EDT	300	2.63	CAD	NEO
May 23, 2019	11:17:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:17:35	EDT	100	2.63	CAD	NEO
May 23, 2019	11:17:36	EDT	100	2.63	CAD	NEO
May 23, 2019	11:18:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:18:35	EDT	100	2.63	CAD	NEO
May 23, 2019	11:18:46	EDT	1200	2.63	CAD	NEO
May 23, 2019	11:19:05	EDT	100	2.63	CAD	NEO
May 23, 2019	11:21:03	EDT	1600	2.62	CAD	TSX
May 23, 2019	11:21:03	EDT	200	2.62	CAD	NEO
May 23, 2019	11:21:03	EDT	1700	2.62	CAD	NEO
May 23, 2019	11:21:03	EDT	300	2.62	CAD	TSX
May 23, 2019	11:21:03	EDT	200	2.62	CAD	TSX
May 23, 2019	11:21:03	EDT	100	2.62	CAD	TSX
May 23, 2019	11:21:03	EDT	100	2.62	CAD	NEO
May 23, 2019	11:21:03	EDT	300	2.62	CAD	NEO
May 23, 2019	11:29:05	EDT	100	2.6	CAD	NEO
May 23, 2019	11:29:21	EDT	1000	2.6	CAD	TSX
May 23, 2019	11:29:21	EDT	500	2.6	CAD	NEO
May 23, 2019	11:29:22	EDT	300	2.6	CAD	NEO
May 23, 2019	11:29:22	EDT	100	2.6	CAD	NEO
May 23, 2019	11:30:05	EDT	100	2.59	CAD	NEO
May 23, 2019	11:30:37	EDT	100	2.59	CAD	NEO
May 23, 2019	11:30:54	EDT	400	2.59	CAD	NEO
May 23, 2019	11:31:09	EDT	100	2.59	CAD	NEO
May 23, 2019	11:31:41	EDT	100	2.59	CAD	NEO
May 23, 2019	11:32:12	EDT	100	2.59	CAD	TSX
May 23, 2019	11:38:40	EDT	2500	2.62	CAD	TSX
May 23, 2019	11:38:40	EDT	100	2.62	CAD	TSX
May 23, 2019	11:38:40	EDT	2500	2.62	CAD	NEO
May 23, 2019	11:38:40	EDT	100	2.62	CAD	NEO
May 23, 2019	11:46:01	EDT	1000	2.62	CAD	TSX
May 23, 2019	11:46:01	EDT	1000	2.62	CAD	NEO
May 23, 2019	11:46:01	EDT	100	2.62	CAD	NEO
May 23, 2019	11:55:21	EDT	2200	2.61	CAD	TSX
May 23, 2019	11:55:21	EDT	2300	2.61	CAD	NEO
May 23, 2019	11:55:28	EDT	100	2.61	CAD	TSX
May 23, 2019	11:55:32	EDT	100	2.61	CAD	TSX
May 23, 2019	11:55:39	EDT	100	2.61	CAD	NEO
May 23, 2019	11:55:48	EDT	100	2.61	CAD	TSX
May 23, 2019	11:55:54	EDT	200	2.61	CAD	TSX

May 23, 2019	11:55:54	EDT	400	2.61	CAD	NEO
May 23, 2019	12:23:19	EDT	100	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	100	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	200	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	100	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	100	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	400	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	100	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	100	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	700	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	700	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	600	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	500	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	200	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	2300	2.63	CAD	NEO
May 23, 2019	12:23:19	EDT	200	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	300	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	400	2.63	CAD	TSX
May 23, 2019	12:23:19	EDT	1000	2.63	CAD	NEO
May 23, 2019	12:28:58	EDT	100	2.62	CAD	NEO
May 23, 2019	12:30:53	EDT	100	2.62	CAD	NEO
May 23, 2019	12:31:35	EDT	100	2.62	CAD	NEO
May 23, 2019	12:32:16	EDT	100	2.62	CAD	NEO
May 23, 2019	12:32:58	EDT	100	2.62	CAD	NEO
May 23, 2019	12:35:30	EDT	700	2.62	CAD	TSX
May 23, 2019	12:35:30	EDT	300	2.62	CAD	TSX
May 23, 2019	12:35:30	EDT	200	2.62	CAD	NEO
May 23, 2019	12:35:30	EDT	300	2.62	CAD	NEO
May 23, 2019	12:36:08	EDT	200	2.62	CAD	TSX
May 23, 2019	12:36:08	EDT	400	2.62	CAD	TSX
May 23, 2019	12:36:08	EDT	300	2.62	CAD	TSX
May 23, 2019	12:36:12	EDT	100	2.62	CAD	TSX
May 23, 2019	12:36:12	EDT	900	2.62	CAD	NEO
May 23, 2019	12:36:17	EDT	100	2.62	CAD	NEO
May 23, 2019	12:44:02	EDT	100	2.62	CAD	NEO
May 23, 2019	12:52:21	EDT	800	2.62	CAD	NEO
May 23, 2019	12:52:23	EDT	100	2.62	CAD	NEO
May 23, 2019	12:52:40	EDT	900	2.62	CAD	NEO
May 23, 2019	12:52:43	EDT	600	2.62	CAD	NEO
May 23, 2019	12:53:01	EDT	100	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	100	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	100	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	100	2.62	CAD	Chi-X
May 23, 2019	13:12:28	EDT	1000	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	100	2.62	CAD	Chi-X
May 23, 2019	13:12:28	EDT	1500	2.62	CAD	Chi-X
May 23, 2019	13:12:28	EDT	100	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	100	2.62	CAD	TSX

May 23, 2019	13:12:28	EDT	1000	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	200	2.62	CAD	TSX
May 23, 2019	13:12:28	EDT	1900	2.62	CAD	TSX
May 23, 2019	13:13:04	EDT	1000	2.62	CAD	TSX
May 23, 2019	13:13:04	EDT	900	2.62	CAD	NEO
May 23, 2019	13:13:52	EDT	100	2.62	CAD	NEO
May 23, 2019	13:13:56	EDT	100	2.62	CAD	NEO
May 23, 2019	13:13:57	EDT	100	2.62	CAD	NEO
May 23, 2019	13:20:07	EDT	300	2.62	CAD	NEO
May 23, 2019	13:20:45	EDT	100	2.62	CAD	TSX
May 23, 2019	13:20:48	EDT	100	2.62	CAD	TSX
May 23, 2019	13:21:38	EDT	100	2.62	CAD	TSX
May 23, 2019	13:27:31	EDT	100	2.63	CAD	NEO
May 23, 2019	13:27:31	EDT	100	2.63	CAD	Pure
May 23, 2019	13:27:31	EDT	500	2.63	CAD	Pure
May 23, 2019	13:27:32	EDT	300	2.63	CAD	Pure
May 23, 2019	13:32:33	EDT	100	2.65	CAD	Pure
May 23, 2019	13:32:33	EDT	500	2.65	CAD	Pure
May 23, 2019	13:32:33	EDT	400	2.65	CAD	Pure
May 23, 2019	13:35:35	EDT	900	2.65	CAD	Chi-X
May 23, 2019	13:38:37	EDT	100	2.65	CAD	Chi-X
May 23, 2019	13:38:37	EDT	900	2.65	CAD	Chi-X
May 23, 2019	13:38:37	EDT	200	2.65	CAD	Chi-X
May 23, 2019	13:41:38	EDT	500	2.64	CAD	NEO
May 23, 2019	13:45:37	EDT	1700	2.64	CAD	NEO
May 23, 2019	13:48:53	EDT	100	2.64	CAD	TSX
May 23, 2019	13:49:01	EDT	100	2.64	CAD	TSX
May 23, 2019	14:04:55	EDT	3200	2.64	CAD	TSX
May 23, 2019	14:04:55	EDT	200	2.64	CAD	TSX
May 23, 2019	14:04:55	EDT	3200	2.64	CAD	NEO
May 23, 2019	14:04:55	EDT	300	2.64	CAD	NEO
May 23, 2019	14:11:59	EDT	100	2.63	CAD	NEO
May 23, 2019	14:12:25	EDT	100	2.63	CAD	NEO
May 23, 2019	14:12:51	EDT	100	2.63	CAD	NEO
May 23, 2019	14:13:17	EDT	100	2.63	CAD	NEO
May 23, 2019	14:13:45	EDT	100	2.63	CAD	NEO
May 23, 2019	14:14:12	EDT	100	2.63	CAD	NEO
May 23, 2019	14:14:37	EDT	100	2.63	CAD	NEO
May 23, 2019	14:15:29	EDT	100	2.63	CAD	NEO
May 23, 2019	14:15:36	EDT	100	2.63	CAD	NEO
May 23, 2019	14:15:38	EDT	100	2.63	CAD	NEO
May 23, 2019	14:17:44	EDT	100	2.63	CAD	TSX
May 23, 2019	14:18:02	EDT	100	2.63	CAD	TSX
May 23, 2019	14:20:16	EDT	1400	2.63	CAD	TSX
May 23, 2019	14:20:16	EDT	1400	2.63	CAD	NEO
May 23, 2019	14:20:16	EDT	200	2.63	CAD	NEO
May 23, 2019	14:46:01	EDT	1200	2.64	CAD	Chi-X
May 23, 2019	14:46:01	EDT	100	2.64	CAD	TSX

May 23, 2019	14:46:01	EDT	100	2.64	CAD	NEO
May 23, 2019	14:46:01	EDT	700	2.64	CAD	Chi-X
May 23, 2019	14:46:01	EDT	1000	2.64	CAD	TSX
May 23, 2019	14:46:01	EDT	100	2.64	CAD	TSX
May 23, 2019	14:46:01	EDT	600	2.64	CAD	NEO
May 23, 2019	14:46:01	EDT	900	2.64	CAD	TSX
May 23, 2019	14:46:01	EDT	900	2.64	CAD	TSX
May 23, 2019	14:46:01	EDT	1700	2.64	CAD	TSX
May 23, 2019	14:46:01	EDT	100	2.64	CAD	TSX
May 23, 2019	14:49:20	EDT	2200	2.64	CAD	TSX
May 23, 2019	14:49:20	EDT	300	2.64	CAD	TSX
May 23, 2019	14:49:20	EDT	1400	2.64	CAD	NEO
May 23, 2019	14:49:20	EDT	700	2.64	CAD	NEO
May 23, 2019	14:49:20	EDT	400	2.64	CAD	NEO
May 23, 2019	15:00:08	EDT	100	2.63	CAD	NEO
May 23, 2019	15:00:26	EDT	100	2.63	CAD	NEO
May 23, 2019	15:00:28	EDT	100	2.63	CAD	NEO
May 23, 2019	15:00:48	EDT	100	2.63	CAD	NEO
May 23, 2019	15:00:56	EDT	100	2.63	CAD	NEO
May 23, 2019	15:01:09	EDT	100	2.63	CAD	NEO
May 23, 2019	15:01:26	EDT	100	2.63	CAD	NEO
May 23, 2019	15:01:33	EDT	100	2.63	CAD	NEO
May 23, 2019	15:01:53	EDT	100	2.63	CAD	NEO
May 23, 2019	15:01:58	EDT	100	2.63	CAD	NEO
May 23, 2019	15:04:02	EDT	100	2.63	CAD	NEO
May 23, 2019	15:04:05	EDT	700	2.63	CAD	TSX
May 23, 2019	15:04:05	EDT	300	2.63	CAD	NEO
May 23, 2019	15:04:05	EDT	100	2.63	CAD	TSX
May 23, 2019	15:04:12	EDT	100	2.63	CAD	TSX
May 23, 2019	15:04:19	EDT	200	2.63	CAD	TSX
May 23, 2019	15:04:19	EDT	800	2.63	CAD	TSX
May 23, 2019	15:04:32	EDT	100	2.63	CAD	NEO
May 23, 2019	15:06:36	EDT	100	2.63	CAD	NEO
May 23, 2019	15:06:53	EDT	200	2.63	CAD	NEO
May 23, 2019	15:07:06	EDT	100	2.63	CAD	NEO
May 23, 2019	15:07:38	EDT	100	2.63	CAD	NEO
May 23, 2019	15:11:14	EDT	100	2.63	CAD	NEO
May 23, 2019	15:14:24	EDT	200	2.63	CAD	NEO
May 23, 2019	15:15:22	EDT	100	2.63	CAD	NEO
May 23, 2019	15:20:20	EDT	500	2.64	CAD	TSX
May 23, 2019	15:20:20	EDT	100	2.64	CAD	TSX
May 23, 2019	15:20:20	EDT	1000	2.64	CAD	TSX
May 23, 2019	15:20:20	EDT	600	2.64	CAD	TSX
May 23, 2019	15:20:20	EDT	700	2.64	CAD	TSX
May 23, 2019	15:20:20	EDT	400	2.64	CAD	TSX
May 23, 2019	15:20:20	EDT	800	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	500	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	25	2.64	CAD	TSX

May 23, 2019	15:20:20	EDT	500	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	500	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 23, 2019	15:20:20	EDT	100	2.64	CAD	NEO
May 24, 2019	09:31:17	EDT	800	2.71	CAD	TSX
May 24, 2019	09:31:17	EDT	700	2.71	CAD	NEO
May 24, 2019	09:32:00	EDT	200	2.71	CAD	TSX
May 24, 2019	09:32:32	EDT	300	2.71	CAD	NEO
May 24, 2019	09:34:21	EDT	1000	2.7	CAD	TSX
May 24, 2019	09:34:21	EDT	900	2.7	CAD	NEO
May 24, 2019	09:34:21	EDT	100	2.7	CAD	NEO
May 24, 2019	09:35:21	EDT	400	2.7	CAD	TSX
May 24, 2019	09:35:21	EDT	200	2.7	CAD	NEO
May 24, 2019	09:35:21	EDT	300	2.7	CAD	TSX
May 24, 2019	09:35:21	EDT	300	2.7	CAD	TSX
May 24, 2019	09:35:21	EDT	800	2.7	CAD	NEO
May 24, 2019	09:35:21	EDT	100	2.7	CAD	NEO
May 24, 2019	09:39:08	EDT	1200	2.7	CAD	Chi-X
May 24, 2019	09:39:08	EDT	100	2.7	CAD	Chi-X
May 24, 2019	09:40:10	EDT	1100	2.7	CAD	Chi-X
May 24, 2019	09:40:16	EDT	300	2.69	CAD	NEO
May 24, 2019	09:40:19	EDT	100	2.69	CAD	NEO
May 24, 2019	09:43:16	EDT	1500	2.69	CAD	NEO
May 24, 2019	09:43:16	EDT	1300	2.69	CAD	TSX
May 24, 2019	09:43:16	EDT	1000	2.69	CAD	TSX
May 24, 2019	09:43:16	EDT	300	2.69	CAD	NEO
May 24, 2019	09:43:16	EDT	100	2.69	CAD	TSX
May 24, 2019	09:43:16	EDT	400	2.69	CAD	NEO
May 24, 2019	09:43:16	EDT	300	2.69	CAD	NEO
May 24, 2019	09:45:47	EDT	900	2.68	CAD	NEO
May 24, 2019	09:45:47	EDT	200	2.68	CAD	NEO
May 24, 2019	09:48:41	EDT	1100	2.68	CAD	NEO
May 24, 2019	09:48:41	EDT	600	2.68	CAD	NEO
May 24, 2019	09:48:49	EDT	500	2.68	CAD	NEO
May 24, 2019	09:48:49	EDT	600	2.68	CAD	TSX
May 24, 2019	09:48:49	EDT	600	2.68	CAD	TSX
May 24, 2019	09:48:49	EDT	400	2.68	CAD	TSX
May 24, 2019	09:48:49	EDT	600	2.68	CAD	TSX
May 24, 2019	09:48:54	EDT	100	2.68	CAD	TSX
May 24, 2019	09:48:54	EDT	100	2.68	CAD	NEO
May 24, 2019	09:49:12	EDT	400	2.68	CAD	TSX

May 24, 2019	09:49:12	EDT	500	2.68	CAD	NEO
May 24, 2019	09:53:01	EDT	300	2.67	CAD	NEO
May 24, 2019	09:53:01	EDT	300	2.67	CAD	NEO
May 24, 2019	09:53:01	EDT	100	2.67	CAD	NEO
May 24, 2019	09:53:01	EDT	300	2.67	CAD	NEO
May 24, 2019	09:53:01	EDT	1000	2.67	CAD	TSX
May 24, 2019	09:55:26	EDT	100	2.66	CAD	NEO
May 24, 2019	09:56:06	EDT	800	2.66	CAD	NEO
May 24, 2019	09:56:06	EDT	100	2.66	CAD	NEO
May 24, 2019	09:56:06	EDT	100	2.66	CAD	NEO
May 24, 2019	09:56:06	EDT	400	2.66	CAD	TSX
May 24, 2019	09:56:06	EDT	600	2.66	CAD	TSX
May 24, 2019	09:59:08	EDT	900	2.67	CAD	Chi-X
May 24, 2019	10:01:15	EDT	1200	2.68	CAD	Chi-X
May 24, 2019	10:01:15	EDT	700	2.68	CAD	Chi-X
May 24, 2019	10:04:22	EDT	900	2.68	CAD	TSX
May 24, 2019	10:04:22	EDT	1500	2.68	CAD	NEO
May 24, 2019	10:08:24	EDT	1400	2.68	CAD	NEO
May 24, 2019	10:08:24	EDT	700	2.68	CAD	NEO
May 24, 2019	10:08:24	EDT	700	2.68	CAD	NEO
May 24, 2019	10:15:46	EDT	1500	2.68	CAD	TSX
May 24, 2019	10:15:46	EDT	2400	2.68	CAD	NEO
May 24, 2019	10:15:46	EDT	2400	2.68	CAD	TSX
May 24, 2019	10:15:46	EDT	1600	2.68	CAD	NEO
May 24, 2019	10:21:01	EDT	1100	2.68	CAD	NEO
May 24, 2019	10:23:03	EDT	1200	2.68	CAD	Chi-X
May 24, 2019	10:25:07	EDT	1900	2.68	CAD	Chi-X
May 24, 2019	10:27:12	EDT	800	2.68	CAD	Chi-X
May 24, 2019	10:27:12	EDT	500	2.68	CAD	Chi-X
May 24, 2019	10:27:12	EDT	1200	2.68	CAD	Chi-X
May 24, 2019	10:29:03	EDT	1700	2.67	CAD	TSX
May 24, 2019	10:29:03	EDT	1300	2.67	CAD	NEO
May 24, 2019	10:29:03	EDT	400	2.67	CAD	NEO
May 24, 2019	10:29:03	EDT	100	2.67	CAD	NEO
May 24, 2019	10:33:00	EDT	100	2.66	CAD	NEO
May 24, 2019	10:35:49	EDT	1200	2.67	CAD	Chi-X
May 24, 2019	10:40:00	EDT	800	2.67	CAD	Chi-X
May 24, 2019	10:40:00	EDT	800	2.67	CAD	Chi-X
May 24, 2019	10:40:00	EDT	800	2.67	CAD	Chi-X
May 24, 2019	10:40:00	EDT	600	2.67	CAD	Chi-X
May 24, 2019	10:40:55	EDT	1700	2.66	CAD	TSX
May 24, 2019	10:41:00	EDT	100	2.66	CAD	TSX
May 24, 2019	10:41:07	EDT	100	2.66	CAD	TSX
May 24, 2019	10:41:33	EDT	1200	2.66	CAD	TSX
May 24, 2019	10:41:33	EDT	700	2.66	CAD	NEO
May 24, 2019	10:41:33	EDT	600	2.66	CAD	NEO
May 24, 2019	10:41:33	EDT	100	2.66	CAD	Chi-X
May 24, 2019	10:49:30	EDT	1300	2.65	CAD	TSX



May 24, 2019	10:49:30	EDT	500	2.65	CAD	NEO
May 24, 2019	10:49:30	EDT	500	2.65	CAD	TSX
May 24, 2019	10:49:30	EDT	500	2.65	CAD	TSX
May 24, 2019	10:49:30	EDT	1300	2.65	CAD	NEO
May 24, 2019	10:49:30	EDT	500	2.65	CAD	NEO
May 24, 2019	10:55:42	EDT	1000	2.66	CAD	Pure
May 24, 2019	10:55:42	EDT	600	2.66	CAD	Pure
May 24, 2019	10:55:42	EDT	100	2.66	CAD	Pure
May 24, 2019	10:58:46	EDT	700	2.66	CAD	Chi-X
May 24, 2019	10:58:46	EDT	700	2.66	CAD	Chi-X
May 24, 2019	11:01:52	EDT	200	2.66	CAD	TSX
May 24, 2019	11:01:52	EDT	800	2.66	CAD	Chi-X
May 24, 2019	11:01:52	EDT	300	2.66	CAD	Chi-X
May 24, 2019	11:01:52	EDT	700	2.66	CAD	TSX
May 24, 2019	11:03:56	EDT	800	2.66	CAD	Chi-X
May 24, 2019	11:03:56	EDT	700	2.66	CAD	Chi-X
May 24, 2019	11:09:08	EDT	800	2.66	CAD	NEO
May 24, 2019	11:09:08	EDT	700	2.66	CAD	NEO
May 24, 2019	11:09:08	EDT	700	2.66	CAD	NEO
May 24, 2019	11:09:12	EDT	100	2.67	CAD	Omega
May 24, 2019	11:09:12	EDT	100	2.67	CAD	Omega
May 24, 2019	11:09:12	EDT	500	2.67	CAD	Omega
May 24, 2019	11:09:12	EDT	100	2.67	CAD	Omega
May 24, 2019	11:09:12	EDT	200	2.67	CAD	NEO
May 24, 2019	11:09:12	EDT	100	2.67	CAD	Omega
May 24, 2019	11:09:12	EDT	600	2.67	CAD	Omega
May 24, 2019	11:09:40	EDT	100	2.66	CAD	NEO
May 24, 2019	11:12:08	EDT	1000	2.66	CAD	TSX
May 24, 2019	11:12:08	EDT	1700	2.66	CAD	NEO
May 24, 2019	11:12:08	EDT	100	2.66	CAD	NEO
May 24, 2019	11:12:16	EDT	100	2.66	CAD	TSX
May 24, 2019	11:12:16	EDT	100	2.66	CAD	TSX
May 24, 2019	11:12:16	EDT	200	2.66	CAD	TSX
May 24, 2019	11:12:16	EDT	400	2.66	CAD	TSX
May 24, 2019	11:16:33	EDT	2900	2.66	CAD	NEO
May 24, 2019	11:17:34	EDT	100	2.66	CAD	TSX
May 24, 2019	11:17:34	EDT	200	2.66	CAD	TSX
May 24, 2019	11:17:34	EDT	100	2.66	CAD	TSX
May 24, 2019	11:22:25	EDT	200	2.66	CAD	NEO
May 24, 2019	11:25:54	EDT	500	2.67	CAD	Pure
May 24, 2019	11:25:54	EDT	1400	2.67	CAD	Chi-X
May 24, 2019	11:25:54	EDT	100	2.67	CAD	Pure
May 24, 2019	11:25:54	EDT	400	2.67	CAD	Chi-X
May 24, 2019	11:25:54	EDT	700	2.67	CAD	Chi-X
May 24, 2019	11:25:54	EDT	300	2.67	CAD	Pure
May 24, 2019	11:25:54	EDT	1100	2.67	CAD	NEO
May 24, 2019	11:28:13	EDT	100	2.66	CAD	NEO
May 24, 2019	11:28:57	EDT	100	2.67	CAD	Omega

May 24, 2019	11:28:57	EDT	800	2.67	CAD	NEO
May 24, 2019	11:28:57	EDT	100	2.67	CAD	Omega
May 24, 2019	11:28:57	EDT	100	2.67	CAD	Omega
May 24, 2019	11:28:57	EDT	100	2.67	CAD	Omega
May 24, 2019	11:30:58	EDT	500	2.67	CAD	NEO
May 24, 2019	11:30:58	EDT	100	2.67	CAD	Pure
May 24, 2019	11:30:58	EDT	200	2.67	CAD	Pure
May 24, 2019	11:30:58	EDT	200	2.67	CAD	Pure
May 24, 2019	11:35:02	EDT	1100	2.67	CAD	NEO
May 24, 2019	11:35:02	EDT	200	2.67	CAD	Pure
May 24, 2019	11:35:02	EDT	400	2.67	CAD	Pure
May 24, 2019	11:37:05	EDT	1000	2.67	CAD	NEO
May 24, 2019	11:38:06	EDT	800	2.67	CAD	NEO
May 24, 2019	11:38:40	EDT	200	2.66	CAD	NEO
May 24, 2019	11:38:40	EDT	100	2.66	CAD	NEO
May 24, 2019	11:43:38	EDT	2700	2.66	CAD	TSX
May 24, 2019	11:43:38	EDT	100	2.66	CAD	NEO
May 24, 2019	11:43:38	EDT	100	2.66	CAD	TSX
May 24, 2019	11:43:38	EDT	2700	2.66	CAD	NEO
May 24, 2019	11:53:41	EDT	100	2.67	CAD	Chi-X
May 24, 2019	11:53:41	EDT	100	2.67	CAD	Chi-X
May 24, 2019	11:53:41	EDT	100	2.67	CAD	Pure
May 24, 2019	11:53:41	EDT	600	2.67	CAD	Pure
May 24, 2019	11:55:42	EDT	500	2.67	CAD	Pure
May 24, 2019	11:55:42	EDT	300	2.67	CAD	Pure
May 24, 2019	11:58:44	EDT	300	2.67	CAD	Pure
May 24, 2019	11:58:44	EDT	300	2.67	CAD	Chi-X
May 24, 2019	11:58:44	EDT	100	2.67	CAD	Pure
May 24, 2019	11:58:44	EDT	200	2.67	CAD	Pure
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:00:45	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Pure
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Pure
May 24, 2019	12:06:52	EDT	200	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	200	2.67	CAD	NEO
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega

May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:06:52	EDT	100	2.67	CAD	Omega
May 24, 2019	12:08:53	EDT	100	2.67	CAD	Pure
May 24, 2019	12:08:53	EDT	100	2.67	CAD	Pure
May 24, 2019	12:08:53	EDT	100	2.67	CAD	Omega
May 24, 2019	12:08:53	EDT	200	2.67	CAD	Omega
May 24, 2019	12:08:53	EDT	100	2.67	CAD	Omega
May 24, 2019	12:08:53	EDT	200	2.67	CAD	Omega
May 24, 2019	12:08:53	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	200	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	300	2.67	CAD	NEO
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Pure
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Omega
May 24, 2019	12:15:58	EDT	100	2.67	CAD	Pure
May 24, 2019	12:18:59	EDT	700	2.67	CAD	Chi-X
May 24, 2019	12:18:59	EDT	400	2.67	CAD	Chi-X
May 24, 2019	12:22:00	EDT	800	2.67	CAD	Chi-X
May 24, 2019	12:22:00	EDT	100	2.67	CAD	Chi-X
May 24, 2019	12:26:02	EDT	300	2.67	CAD	Chi-X
May 24, 2019	12:26:02	EDT	100	2.67	CAD	Pure
May 24, 2019	12:26:02	EDT	600	2.67	CAD	Pure
May 24, 2019	12:26:02	EDT	400	2.67	CAD	Pure
May 24, 2019	12:28:03	EDT	500	2.67	CAD	Pure
May 24, 2019	12:28:03	EDT	100	2.67	CAD	Omega
May 24, 2019	12:28:03	EDT	300	2.67	CAD	Pure
May 24, 2019	12:28:03	EDT	100	2.67	CAD	Omega
May 24, 2019	12:32:04	EDT	600	2.67	CAD	NEO
May 24, 2019	12:32:04	EDT	200	2.67	CAD	Chi-X
May 24, 2019	12:37:06	EDT	200	2.67	CAD	NEO
May 24, 2019	12:37:06	EDT	1000	2.67	CAD	Pure
May 24, 2019	12:40:07	EDT	100	2.67	CAD	NEO
May 24, 2019	12:40:07	EDT	1100	2.67	CAD	Chi-X
May 24, 2019	12:44:09	EDT	100	2.67	CAD	Chi-X
May 24, 2019	12:44:09	EDT	1000	2.67	CAD	Pure
May 24, 2019	12:48:11	EDT	200	2.67	CAD	Chi-X
May 24, 2019	12:48:11	EDT	800	2.67	CAD	Chi-X
May 24, 2019	12:51:12	EDT	600	2.68	CAD	NEO
May 24, 2019	12:51:12	EDT	100	2.68	CAD	Omega
May 24, 2019	12:51:12	EDT	200	2.68	CAD	Omega

May 24, 2019	12:51:12	EDT	100	2.68	CAD	Omega
May 24, 2019	12:54:15	EDT	800	2.68	CAD	Chi-X
May 24, 2019	12:54:15	EDT	600	2.68	CAD	Chi-X
May 24, 2019	12:56:16	EDT	600	2.68	CAD	Chi-X
May 24, 2019	12:56:16	EDT	200	2.68	CAD	Chi-X
May 24, 2019	13:00:17	EDT	100	2.7	CAD	Omega
May 24, 2019	13:00:17	EDT	400	2.7	CAD	Omega
May 24, 2019	13:00:17	EDT	300	2.7	CAD	NEO
May 24, 2019	13:00:17	EDT	100	2.7	CAD	Omega
May 24, 2019	13:03:19	EDT	700	2.7	CAD	NEO
May 24, 2019	13:03:19	EDT	400	2.7	CAD	Omega
May 24, 2019	13:07:21	EDT	1200	2.7	CAD	Chi-X
May 24, 2019	13:08:18	EDT	100	2.69	CAD	NEO
May 24, 2019	13:11:23	EDT	800	2.7	CAD	Chi-X
May 24, 2019	13:11:23	EDT	200	2.7	CAD	Chi-X
May 24, 2019	13:13:12	EDT	800	2.69	CAD	TSX
May 24, 2019	13:13:12	EDT	300	2.69	CAD	TSX
May 24, 2019	13:23:37	EDT	1200	2.71	CAD	Chi-X
May 24, 2019	13:23:37	EDT	100	2.71	CAD	Chi-X
May 24, 2019	13:23:37	EDT	800	2.71	CAD	Chi-X
May 24, 2019	13:23:37	EDT	100	2.71	CAD	Pure
May 24, 2019	13:23:37	EDT	1000	2.71	CAD	Pure
May 24, 2019	13:26:25	EDT	300	2.7	CAD	NEO
May 24, 2019	13:26:26	EDT	100	2.7	CAD	NEO
May 24, 2019	13:32:43	EDT	400	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:32:43	EDT	100	2.71	CAD	Omega
May 24, 2019	13:35:44	EDT	100	2.71	CAD	Pure
May 24, 2019	13:35:44	EDT	500	2.71	CAD	Pure
May 24, 2019	13:35:44	EDT	300	2.71	CAD	Pure
May 24, 2019	13:37:45	EDT	100	2.71	CAD	Pure
May 24, 2019	13:37:45	EDT	300	2.71	CAD	Pure
May 24, 2019	13:37:45	EDT	200	2.71	CAD	Pure
May 24, 2019	13:37:45	EDT	200	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	400	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega

May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:43:48	EDT	100	2.71	CAD	Omega
May 24, 2019	13:47:50	EDT	500	2.71	CAD	NEO
May 24, 2019	13:47:50	EDT	100	2.71	CAD	Omega
May 24, 2019	13:47:50	EDT	400	2.71	CAD	Omega
May 24, 2019	13:51:51	EDT	100	2.71	CAD	Pure
May 24, 2019	13:51:51	EDT	500	2.71	CAD	Pure
May 24, 2019	13:51:51	EDT	200	2.71	CAD	Chi-X
May 24, 2019	13:55:51	EDT	300	2.71	CAD	TSX
May 24, 2019	13:55:51	EDT	100	2.71	CAD	TSX
May 24, 2019	13:55:51	EDT	700	2.71	CAD	TSX
May 24, 2019	13:55:51	EDT	100	2.71	CAD	TSX
May 24, 2019	13:59:52	EDT	400	2.71	CAD	Pure
May 24, 2019	13:59:52	EDT	200	2.71	CAD	Chi-X
May 24, 2019	13:59:52	EDT	200	2.71	CAD	Pure
May 24, 2019	14:03:53	EDT	200	2.71	CAD	Chi-X
May 24, 2019	14:03:53	EDT	500	2.71	CAD	Chi-X
May 24, 2019	14:03:53	EDT	200	2.71	CAD	Pure
May 24, 2019	14:06:54	EDT	100	2.71	CAD	Pure
May 24, 2019	14:06:54	EDT	400	2.71	CAD	Pure
May 24, 2019	14:06:54	EDT	300	2.71	CAD	Pure
May 24, 2019	14:10:56	EDT	600	2.71	CAD	Pure
May 24, 2019	14:10:56	EDT	300	2.71	CAD	Pure
May 24, 2019	14:13:58	EDT	700	2.71	CAD	Pure
May 24, 2019	14:13:58	EDT	500	2.71	CAD	Pure
May 24, 2019	14:13:58	EDT	100	2.71	CAD	Pure
May 24, 2019	14:16:00	EDT	100	2.71	CAD	Chi-X
May 24, 2019	14:16:00	EDT	200	2.71	CAD	Pure
May 24, 2019	14:16:00	EDT	500	2.71	CAD	Pure
May 24, 2019	14:20:01	EDT	400	2.71	CAD	Chi-X
May 24, 2019	14:20:01	EDT	500	2.71	CAD	Pure
May 24, 2019	14:22:03	EDT	100	2.71	CAD	Chi-X
May 24, 2019	14:22:03	EDT	100	2.71	CAD	Chi-X
May 24, 2019	14:22:03	EDT	800	2.71	CAD	Chi-X
May 24, 2019	14:22:03	EDT	500	2.71	CAD	Chi-X
May 24, 2019	14:25:07	EDT	1100	2.71	CAD	Chi-X
May 24, 2019	14:25:07	EDT	100	2.71	CAD	Chi-X
May 24, 2019	14:25:07	EDT	200	2.71	CAD	Chi-X
May 24, 2019	14:27:09	EDT	200	2.71	CAD	Chi-X
May 24, 2019	14:27:09	EDT	200	2.71	CAD	Pure
May 24, 2019	14:27:09	EDT	100	2.71	CAD	Pure
May 24, 2019	14:27:09	EDT	400	2.71	CAD	Pure
May 24, 2019	14:29:10	EDT	100	2.72	CAD	Omega
May 24, 2019	14:29:10	EDT	500	2.72	CAD	NEO
May 24, 2019	14:29:10	EDT	400	2.72	CAD	Omega

May 24, 2019	14:29:10	EDT	100	2.72	CAD	Omega
May 24, 2019	14:29:10	EDT	100	2.72	CAD	Omega
May 24, 2019	14:29:52	EDT	100	2.71	CAD	NEO
May 24, 2019	14:33:12	EDT	200	2.72	CAD	Chi-X
May 24, 2019	14:33:12	EDT	900	2.72	CAD	Chi-X
May 24, 2019	14:36:14	EDT	800	2.73	CAD	Chi-X
May 24, 2019	14:36:14	EDT	100	2.73	CAD	Chi-X
May 24, 2019	14:40:17	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:40:17	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:40:17	EDT	1300	2.74	CAD	Chi-X
May 24, 2019	14:43:18	EDT	200	2.74	CAD	Chi-X
May 24, 2019	14:43:18	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:43:18	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:43:18	EDT	200	2.74	CAD	Chi-X
May 24, 2019	14:43:18	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:45:20	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:45:20	EDT	600	2.74	CAD	Chi-X
May 24, 2019	14:45:20	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:47:21	EDT	700	2.74	CAD	Chi-X
May 24, 2019	14:47:21	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:47:21	EDT	100	2.74	CAD	Pure
May 24, 2019	14:47:21	EDT	100	2.74	CAD	Pure
May 24, 2019	14:47:21	EDT	200	2.74	CAD	Pure
May 24, 2019	14:48:31	EDT	100	2.73	CAD	NEO
May 24, 2019	14:50:23	EDT	500	2.74	CAD	Chi-X
May 24, 2019	14:50:23	EDT	100	2.74	CAD	Pure
May 24, 2019	14:50:23	EDT	100	2.74	CAD	Pure
May 24, 2019	14:50:23	EDT	300	2.74	CAD	Chi-X
May 24, 2019	14:53:25	EDT	100	2.74	CAD	TSX
May 24, 2019	14:53:25	EDT	100	2.74	CAD	TSX
May 24, 2019	14:53:25	EDT	700	2.74	CAD	Chi-X
May 24, 2019	14:53:25	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:55:26	EDT	300	2.74	CAD	Chi-X
May 24, 2019	14:55:26	EDT	400	2.74	CAD	TSX
May 24, 2019	14:55:26	EDT	100	2.74	CAD	Chi-X
May 24, 2019	14:56:25	EDT	1400	2.73	CAD	TSX
May 24, 2019	14:56:25	EDT	200	2.73	CAD	TSX
May 24, 2019	14:56:25	EDT	1400	2.73	CAD	NEO
May 24, 2019	14:56:25	EDT	300	2.73	CAD	NEO
May 24, 2019	14:56:26	EDT	100	2.73	CAD	TSX
May 24, 2019	15:03:55	EDT	200	2.73	CAD	NEO
May 24, 2019	15:03:56	EDT	100	2.73	CAD	NEO
May 24, 2019	15:08:28	EDT	600	2.74	CAD	NEO
May 24, 2019	15:08:28	EDT	200	2.74	CAD	Omega
May 24, 2019	15:08:28	EDT	100	2.74	CAD	Omega
May 24, 2019	15:08:28	EDT	100	2.74	CAD	Omega
May 24, 2019	15:10:09	EDT	700	2.74	CAD	TSX
May 24, 2019	15:10:09	EDT	600	2.74	CAD	TSX

May 24, 2019	15:10:09	EDT	900	2.74	CAD	NEO
May 24, 2019	15:10:09	EDT	300	2.74	CAD	Chi-X
May 24, 2019	15:10:09	EDT	400	2.74	CAD	Chi-X
May 24, 2019	15:10:09	EDT	900	2.74	CAD	Chi-X
May 24, 2019	15:10:09	EDT	1000	2.74	CAD	TSX
May 24, 2019	15:10:09	EDT	800	2.74	CAD	TSX
May 24, 2019	15:10:09	EDT	900	2.74	CAD	Chi-X
May 24, 2019	15:10:09	EDT	800	2.74	CAD	Chi-X
May 24, 2019	15:10:09	EDT	100	2.74	CAD	Chi-X
May 24, 2019	15:10:09	EDT	25	2.74	CAD	TSX