

## GRAN TIERRA ENERGY INC.

### Company Announcement – Transaction in Own Shares

December 3, 2018

On March 8, 2018 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 2018 NCIB on March 12, 2018. Pursuant to the NCIB, Gran Tierra may purchase for cancellation up to 19,269,732 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 12, 2018 and will expire on March 11, 2019 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 November 26 through November 30, 2018:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
November 26, 2018	152,704	\$3.38	\$516,153.10
November 27, 2018	152,704	\$3.30	\$503,574.62
November 28, 2018	152,704	\$3.37	\$514,498.78
November 29, 2018	152,704	\$3.44	\$525,971.88
November 30, 2018	152,704	\$3.49	\$533,282.04

### Exchange Aggregated Data

	Platform	Nov. 26, 2018	Nov. 27, 2018	Nov. 28, 2018	Nov. 29, 2018	Nov. 30, 2018
<b>Daily Total Volume</b>	TSX	95,404	90,504	111,604	123,500	125,404
	Pure	0	0	0	0	200
	Chi-X	1,100	1,400	4,700	4,400	7,200
	Omega	2,200	1,400	8,000	9,200	1,400
	TriAct	54,000	56,900	26,600	12,204	800
	Alpha	0	2,500	0	0	16,600
	CNSX	0	0	0	0	0
	LYNX	0	0	0	0	0
	NEO	0	0	1,800	3,400	1,100
<b>Volume weighted average price (CAD)</b>	TSX	\$3.37	\$3.29	\$3.37	\$3.45	\$3.49
	Pure	-	-	-	-	\$3.52
	Chi-X	\$3.35	\$3.30	\$3.39	\$3.45	\$3.52
	Omega	\$3.35	\$3.30	\$3.39	\$3.46	\$3.51
	TriAct	\$3.39	\$3.31	\$3.37	\$3.42	\$3.51
	Alpha	-	\$3.30	-	-	\$3.53
	CNSX	-	-	-	-	-
	LYNX	-	-	-	-	-
	NEO	-	-	\$3.39	\$3.40	\$3.52

All transactions were made under ISIN US38500T1016 and effected by Eight Capital 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 388,425,508 issued and outstanding shares.

**Contact Information:**

Gary Guidry  
Chief Executive Officer

Ryan Ellson  
Chief Financial Officer

Rodger Trimble  
Vice President, Investor Relations

(403) 265-3221  
[info@grantierra.com](mailto:info@grantierra.com)

<b>Date</b>	<b>Transaction Time</b>	<b>Time Zone</b>	<b>Volume</b>	<b>Price</b>	<b>Currency</b>	<b>Platform</b>
November 26, 2018	09:35:22	EST	100	3.41	CAD	TSX
November 26, 2018	09:35:38	EST	1000	3.41	CAD	TSX
November 26, 2018	09:35:44	EST	3900	3.41	CAD	TSX
November 26, 2018	09:36:23	EST	2000	3.405	CAD	TriAct
November 26, 2018	09:36:33	EST	200	3.405	CAD	TriAct
November 26, 2018	09:36:38	EST	100	3.405	CAD	TriAct
November 26, 2018	09:36:42	EST	100	3.405	CAD	TriAct
November 26, 2018	09:36:44	EST	500	3.405	CAD	TriAct
November 26, 2018	09:37:03	EST	2100	3.405	CAD	TriAct
November 26, 2018	09:39:19	EST	5000	3.415	CAD	TriAct
November 26, 2018	09:44:35	EST	5000	3.415	CAD	TriAct
November 26, 2018	10:00:06	EST	700	3.42	CAD	TSX
November 26, 2018	10:00:06	EST	2000	3.42	CAD	TSX
November 26, 2018	10:00:06	EST	500	3.42	CAD	TSX
November 26, 2018	10:00:06	EST	1800	3.42	CAD	TSX
November 26, 2018	10:01:20	EST	200	3.41	CAD	TSX
November 26, 2018	10:06:07	EST	100	3.415	CAD	TriAct
November 26, 2018	10:06:08	EST	1800	3.415	CAD	TriAct
November 26, 2018	10:11:44	EST	5000	3.425	CAD	TriAct
November 26, 2018	10:26:47	EST	5800	3.425	CAD	TriAct
November 26, 2018	10:33:34	EST	600	3.42	CAD	TSX
November 26, 2018	10:33:34	EST	800	3.42	CAD	TSX
November 26, 2018	10:40:30	EST	1300	3.42	CAD	TSX
November 26, 2018	10:40:30	EST	2300	3.42	CAD	TSX
November 26, 2018	10:40:49	EST	1000	3.41	CAD	TSX
November 26, 2018	10:40:49	EST	3800	3.41	CAD	TSX
November 26, 2018	10:45:36	EST	300	3.405	CAD	TriAct
November 26, 2018	10:45:39	EST	100	3.405	CAD	TriAct
November 26, 2018	10:45:43	EST	100	3.405	CAD	TriAct
November 26, 2018	10:46:08	EST	800	3.405	CAD	TriAct
November 26, 2018	10:46:14	EST	400	3.405	CAD	TriAct
November 26, 2018	10:46:19	EST	200	3.405	CAD	TriAct
November 26, 2018	10:46:24	EST	200	3.405	CAD	TriAct
November 26, 2018	10:46:29	EST	100	3.405	CAD	TriAct
November 26, 2018	10:46:33	EST	100	3.405	CAD	TriAct
November 26, 2018	10:57:18	EST	500	3.415	CAD	TriAct
November 26, 2018	10:57:19	EST	4500	3.415	CAD	TriAct
November 26, 2018	10:59:30	EST	100	3.41	CAD	TSX
November 26, 2018	10:59:38	EST	100	3.41	CAD	TSX
November 26, 2018	10:59:45	EST	100	3.41	CAD	TSX
November 26, 2018	10:59:53	EST	100	3.41	CAD	TSX
November 26, 2018	11:00:01	EST	100	3.41	CAD	TSX
November 26, 2018	11:00:08	EST	100	3.41	CAD	TSX
November 26, 2018	11:00:16	EST	100	3.41	CAD	TSX
November 26, 2018	11:00:21	EST	500	3.41	CAD	TSX
November 26, 2018	11:02:00	EST	1200	3.41	CAD	TSX
November 26, 2018	11:02:00	EST	400	3.41	CAD	TSX
November 26, 2018	11:02:00	EST	2200	3.41	CAD	TSX

November 26, 2018	11:31:29	EST	900	3.4	CAD	TSX
November 26, 2018	11:31:29	EST	900	3.4	CAD	TSX
November 26, 2018	11:31:29	EST	5900	3.4	CAD	TSX
November 26, 2018	11:31:29	EST	4	3.4	CAD	TSX
November 26, 2018	11:34:40	EST	3000	3.39	CAD	TSX
November 26, 2018	11:34:40	EST	100	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	200	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	100	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	100	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	300	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	100	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	400	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	500	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	100	3.39	CAD	TSX
November 26, 2018	11:35:26	EST	100	3.39	CAD	TSX
November 26, 2018	12:07:45	EST	1300	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	100	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	200	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	800	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	100	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	800	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	600	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	600	3.38	CAD	TSX
November 26, 2018	12:07:45	EST	500	3.38	CAD	TSX
November 26, 2018	12:16:17	EST	400	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	500	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	2500	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	400	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	400	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	700	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	400	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	100	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	600	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	100	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	300	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	100	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	100	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	100	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	300	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	500	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	400	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	700	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	800	3.37	CAD	TSX
November 26, 2018	12:16:17	EST	600	3.37	CAD	TSX
November 26, 2018	12:26:22	EST	300	3.35	CAD	TSX
November 26, 2018	12:26:38	EST	100	3.35	CAD	TSX
November 26, 2018	12:26:56	EST	100	3.35	CAD	TSX
November 26, 2018	12:26:56	EST	100	3.35	CAD	TSX
November 26, 2018	12:28:03	EST	200	3.35	CAD	TSX
November 26, 2018	12:28:10	EST	600	3.35	CAD	TSX

November 26, 2018	12:28:22	EST	600	3.35	CAD	TSX
November 26, 2018	12:28:35	EST	300	3.35	CAD	TSX
November 26, 2018	12:28:52	EST	100	3.35	CAD	TSX
November 26, 2018	12:28:52	EST	100	3.35	CAD	TSX
November 26, 2018	12:29:03	EST	400	3.35	CAD	TSX
November 26, 2018	12:29:03	EST	100	3.35	CAD	TSX
November 26, 2018	12:29:03	EST	100	3.35	CAD	TSX
November 26, 2018	12:29:18	EST	600	3.35	CAD	TSX
November 26, 2018	12:29:30	EST	300	3.35	CAD	TSX
November 26, 2018	12:29:30	EST	100	3.35	CAD	TSX
November 26, 2018	12:31:11	EST	100	3.35	CAD	TSX
November 26, 2018	12:33:45	EST	200	3.35	CAD	TSX
November 26, 2018	12:33:45	EST	100	3.35	CAD	TSX
November 26, 2018	12:33:45	EST	100	3.35	CAD	TSX
November 26, 2018	12:33:45	EST	100	3.35	CAD	TSX
November 26, 2018	12:35:14	EST	300	3.35	CAD	TSX
November 26, 2018	13:04:53	EST	5000	3.34	CAD	TSX
November 26, 2018	13:05:42	EST	2800	3.335	CAD	TriAct
November 26, 2018	13:05:45	EST	100	3.335	CAD	TriAct
November 26, 2018	13:05:50	EST	1500	3.335	CAD	TriAct
November 26, 2018	13:05:56	EST	600	3.335	CAD	TriAct
November 26, 2018	13:13:38	EST	1400	3.34	CAD	TSX
November 26, 2018	13:17:23	EST	100	3.34	CAD	TSX
November 26, 2018	13:27:36	EST	2200	3.34	CAD	TSX
November 26, 2018	13:27:36	EST	500	3.34	CAD	TSX
November 26, 2018	13:29:04	EST	500	3.34	CAD	TSX
November 26, 2018	13:32:15	EST	300	3.34	CAD	TSX
November 26, 2018	13:36:54	EST	2200	3.34	CAD	TSX
November 26, 2018	13:40:38	EST	600	3.34	CAD	TSX
November 26, 2018	13:41:40	EST	2200	3.34	CAD	TSX
November 26, 2018	14:04:44	EST	7500	3.355	CAD	TriAct
November 26, 2018	14:11:49	EST	100	3.35	CAD	TSX
November 26, 2018	14:20:06	EST	200	3.35	CAD	TSX
November 26, 2018	14:20:06	EST	700	3.35	CAD	TSX
November 26, 2018	14:20:19	EST	300	3.35	CAD	TSX
November 26, 2018	14:20:47	EST	200	3.35	CAD	TSX
November 26, 2018	14:21:03	EST	400	3.35	CAD	TSX
November 26, 2018	14:21:10	EST	100	3.35	CAD	TSX
November 26, 2018	14:21:17	EST	600	3.35	CAD	TSX
November 26, 2018	14:21:31	EST	400	3.35	CAD	TSX
November 26, 2018	14:21:33	EST	100	3.35	CAD	TSX
November 26, 2018	14:21:54	EST	100	3.35	CAD	TSX
November 26, 2018	14:21:56	EST	100	3.35	CAD	TSX
November 26, 2018	14:22:04	EST	2500	3.35	CAD	TriAct
November 26, 2018	14:22:04	EST	1400	3.35	CAD	TriAct
November 26, 2018	14:22:04	EST	1700	3.35	CAD	TSX
November 26, 2018	14:29:52	EST	500	3.34	CAD	TSX
November 26, 2018	14:34:31	EST	100	3.34	CAD	TSX
November 26, 2018	14:43:56	EST	1900	3.34	CAD	TSX
November 26, 2018	14:48:36	EST	1600	3.34	CAD	TSX

November 26, 2018	14:48:57	EST	100	3.34	CAD	TSX
November 26, 2018	15:07:09	EST	100	3.345	CAD	TriAct
November 26, 2018	15:07:18	EST	100	3.345	CAD	TriAct
November 26, 2018	15:07:40	EST	200	3.34	CAD	TSX
November 26, 2018	15:07:40	EST	600	3.34	CAD	TSX
November 26, 2018	15:07:43	EST	100	3.345	CAD	TriAct
November 26, 2018	15:07:52	EST	100	3.345	CAD	TriAct
November 26, 2018	15:08:02	EST	100	3.345	CAD	TriAct
November 26, 2018	15:08:36	EST	100	3.345	CAD	TriAct
November 26, 2018	15:09:02	EST	100	3.345	CAD	TriAct
November 26, 2018	15:11:18	EST	100	3.345	CAD	TriAct
November 26, 2018	15:11:33	EST	100	3.345	CAD	TriAct
November 26, 2018	15:11:58	EST	100	3.345	CAD	TriAct
November 26, 2018	15:12:07	EST	100	3.345	CAD	TriAct
November 26, 2018	15:12:19	EST	100	3.345	CAD	TriAct
November 26, 2018	15:16:24	EST	100	3.345	CAD	TriAct
November 26, 2018	15:16:27	EST	100	3.345	CAD	TriAct
November 26, 2018	15:17:48	EST	100	3.345	CAD	TriAct
November 26, 2018	15:17:52	EST	200	3.345	CAD	TriAct
November 26, 2018	15:17:57	EST	100	3.345	CAD	TriAct
November 26, 2018	15:18:13	EST	100	3.345	CAD	TriAct
November 26, 2018	15:18:18	EST	100	3.345	CAD	TriAct
November 26, 2018	15:18:43	EST	100	3.345	CAD	TriAct
November 26, 2018	15:20:13	EST	200	3.345	CAD	TriAct
November 26, 2018	15:20:17	EST	100	3.345	CAD	TriAct
November 26, 2018	15:20:33	EST	100	3.345	CAD	TriAct
November 26, 2018	15:20:37	EST	100	3.345	CAD	TriAct
November 26, 2018	15:21:16	EST	500	3.35	CAD	Chi-X
November 26, 2018	15:21:16	EST	600	3.35	CAD	Chi-X
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	1400	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	500	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	600	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	700	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	600	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	800	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	200	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	200	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	1000	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	800	3.35	CAD	TSX

November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	400	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	1600	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	300	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	Omega
November 26, 2018	15:21:16	EST	500	3.35	CAD	Omega
November 26, 2018	15:21:16	EST	100	3.35	CAD	Omega
November 26, 2018	15:21:16	EST	1100	3.35	CAD	Omega
November 26, 2018	15:21:16	EST	400	3.35	CAD	Omega
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	100	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	700	3.35	CAD	TSX
November 26, 2018	15:21:16	EST	1000	3.35	CAD	TSX
November 27, 2018	09:33:45	EST	5000	3.33	CAD	TSX
November 27, 2018	09:52:04	EST	1000	3.31	CAD	TSX
November 27, 2018	09:52:04	EST	800	3.31	CAD	TSX
November 27, 2018	09:52:04	EST	1100	3.31	CAD	TSX
November 27, 2018	09:52:04	EST	2100	3.31	CAD	TSX
November 27, 2018	09:56:44	EST	100	3.3	CAD	TSX
November 27, 2018	09:56:44	EST	4900	3.3	CAD	TSX
November 27, 2018	10:15:27	EST	100	3.3	CAD	TSX
November 27, 2018	10:15:27	EST	200	3.3	CAD	TSX
November 27, 2018	10:15:27	EST	700	3.3	CAD	TSX
November 27, 2018	10:15:27	EST	100	3.3	CAD	TSX
November 27, 2018	10:15:27	EST	900	3.3	CAD	Chi-X
November 27, 2018	10:15:27	EST	500	3.3	CAD	Chi-X
November 27, 2018	10:18:52	EST	900	3.3	CAD	TSX
November 27, 2018	10:18:58	EST	600	3.3	CAD	TSX
November 27, 2018	10:19:42	EST	100	3.3	CAD	TSX
November 27, 2018	10:20:10	EST	100	3.3	CAD	TSX
November 27, 2018	10:20:35	EST	300	3.3	CAD	TSX
November 27, 2018	10:21:17	EST	100	3.3	CAD	TSX
November 27, 2018	10:21:19	EST	600	3.3	CAD	TSX
November 27, 2018	10:21:19	EST	200	3.3	CAD	TSX
November 27, 2018	10:21:19	EST	400	3.3	CAD	TSX
November 27, 2018	10:21:19	EST	500	3.3	CAD	TSX
November 27, 2018	10:21:19	EST	1200	3.3	CAD	TSX
November 27, 2018	10:21:32	EST	100	3.295	CAD	TriAct
November 27, 2018	10:23:05	EST	100	3.29	CAD	TSX
November 27, 2018	10:23:05	EST	100	3.29	CAD	TSX
November 27, 2018	10:23:05	EST	100	3.29	CAD	TSX
November 27, 2018	10:23:05	EST	100	3.29	CAD	TSX
November 27, 2018	10:23:31	EST	100	3.29	CAD	TSX
November 27, 2018	10:23:35	EST	400	3.29	CAD	TSX
November 27, 2018	10:24:03	EST	500	3.29	CAD	TSX

November 27, 2018	10:24:21	EST	100	3.29	CAD	TSX
November 27, 2018	10:24:25	EST	200	3.29	CAD	TSX
November 27, 2018	10:24:29	EST	100	3.29	CAD	TSX
November 27, 2018	10:24:31	EST	100	3.29	CAD	TSX
November 27, 2018	10:25:00	EST	100	3.29	CAD	TSX
November 27, 2018	10:25:52	EST	100	3.29	CAD	TSX
November 27, 2018	10:30:10	EST	300	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	100	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	600	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	100	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	600	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	200	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	300	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	100	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	300	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	700	3.3	CAD	TSX
November 27, 2018	10:30:10	EST	800	3.3	CAD	Omega
November 27, 2018	10:30:10	EST	600	3.3	CAD	Omega
November 27, 2018	10:31:30	EST	100	3.29	CAD	TSX
November 27, 2018	10:32:33	EST	500	3.29	CAD	TSX
November 27, 2018	10:32:53	EST	100	3.29	CAD	TSX
November 27, 2018	10:33:11	EST	100	3.29	CAD	TSX
November 27, 2018	10:33:25	EST	100	3.29	CAD	TSX
November 27, 2018	10:36:29	EST	700	3.29	CAD	TSX
November 27, 2018	10:36:29	EST	1300	3.29	CAD	TSX
November 27, 2018	10:37:02	EST	100	3.28	CAD	TSX
November 27, 2018	10:43:05	EST	200	3.28	CAD	TSX
November 27, 2018	10:46:03	EST	200	3.295	CAD	TriAct
November 27, 2018	10:46:10	EST	100	3.295	CAD	TriAct
November 27, 2018	10:46:14	EST	100	3.295	CAD	TriAct
November 27, 2018	10:46:20	EST	100	3.295	CAD	TriAct
November 27, 2018	10:48:39	EST	300	3.295	CAD	TriAct
November 27, 2018	10:48:45	EST	500	3.295	CAD	TriAct
November 27, 2018	10:48:49	EST	300	3.295	CAD	TriAct
November 27, 2018	10:48:54	EST	100	3.295	CAD	TriAct
November 27, 2018	10:48:59	EST	100	3.295	CAD	TriAct
November 27, 2018	10:49:39	EST	100	3.295	CAD	TriAct
November 27, 2018	10:51:38	EST	2500	3.3	CAD	Alpha
November 27, 2018	10:52:45	EST	100	3.295	CAD	TriAct
November 27, 2018	11:05:16	EST	7500	3.305	CAD	TriAct
November 27, 2018	11:05:17	EST	100	3.3	CAD	TSX
November 27, 2018	11:05:17	EST	100	3.3	CAD	TSX
November 27, 2018	11:06:41	EST	300	3.3	CAD	TSX
November 27, 2018	11:06:41	EST	100	3.3	CAD	TSX
November 27, 2018	11:06:43	EST	4100	3.3	CAD	TSX
November 27, 2018	11:07:05	EST	200	3.3	CAD	TSX
November 27, 2018	11:09:19	EST	400	3.3	CAD	TSX
November 27, 2018	11:09:36	EST	400	3.3	CAD	TSX
November 27, 2018	11:09:56	EST	200	3.3	CAD	TSX
November 27, 2018	11:10:25	EST	100	3.3	CAD	TSX



November 27, 2018	11:12:19	EST	1100	3.3	CAD	TSX
November 27, 2018	11:12:19	EST	400	3.3	CAD	TSX
November 27, 2018	11:12:24	EST	400	3.295	CAD	TriAct
November 27, 2018	11:12:29	EST	200	3.295	CAD	TriAct
November 27, 2018	11:12:35	EST	100	3.295	CAD	TriAct
November 27, 2018	11:12:40	EST	100	3.295	CAD	TriAct
November 27, 2018	11:12:44	EST	100	3.295	CAD	TriAct
November 27, 2018	11:13:00	EST	700	3.295	CAD	TriAct
November 27, 2018	11:13:04	EST	300	3.295	CAD	TriAct
November 27, 2018	11:13:10	EST	200	3.295	CAD	TriAct
November 27, 2018	11:25:13	EST	100	3.29	CAD	TSX
November 27, 2018	11:27:34	EST	100	3.29	CAD	TSX
November 27, 2018	11:27:56	EST	700	3.29	CAD	TSX
November 27, 2018	11:39:38	EST	100	3.29	CAD	TSX
November 27, 2018	11:45:08	EST	100	3.29	CAD	TSX
November 27, 2018	11:47:03	EST	100	3.29	CAD	TSX
November 27, 2018	11:47:35	EST	100	3.29	CAD	TSX
November 27, 2018	11:52:30	EST	200	3.29	CAD	TSX
November 27, 2018	11:53:22	EST	400	3.29	CAD	TSX
November 27, 2018	11:58:11	EST	400	3.29	CAD	TSX
November 27, 2018	11:59:46	EST	100	3.29	CAD	TSX
November 27, 2018	12:00:28	EST	1100	3.29	CAD	TSX
November 27, 2018	12:00:28	EST	100	3.29	CAD	TSX
November 27, 2018	12:00:28	EST	500	3.29	CAD	TSX
November 27, 2018	12:00:28	EST	3800	3.29	CAD	TSX
November 27, 2018	12:00:28	EST	300	3.29	CAD	TSX
November 27, 2018	12:00:28	EST	200	3.29	CAD	TSX
November 27, 2018	12:00:29	EST	4000	3.28	CAD	TSX
November 27, 2018	12:00:57	EST	300	3.28	CAD	TSX
November 27, 2018	12:01:17	EST	400	3.28	CAD	TSX
November 27, 2018	12:02:13	EST	100	3.28	CAD	TSX
November 27, 2018	12:02:32	EST	400	3.28	CAD	TSX
November 27, 2018	12:03:14	EST	100	3.28	CAD	TSX
November 27, 2018	12:03:29	EST	200	3.28	CAD	TSX
November 27, 2018	12:03:29	EST	200	3.28	CAD	TSX
November 27, 2018	12:03:30	EST	4400	3.28	CAD	TSX
November 27, 2018	12:03:30	EST	4	3.28	CAD	TSX
November 27, 2018	12:13:00	EST	200	3.26	CAD	TSX
November 27, 2018	12:13:07	EST	400	3.26	CAD	TSX
November 27, 2018	12:13:45	EST	500	3.26	CAD	TSX
November 27, 2018	12:14:04	EST	100	3.26	CAD	TSX
November 27, 2018	12:14:07	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:07	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:08	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:08	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:09	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:09	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:10	EST	200	3.26	CAD	TSX
November 27, 2018	12:14:26	EST	400	3.26	CAD	TSX
November 27, 2018	12:15:06	EST	400	3.26	CAD	TSX

November 27, 2018	12:15:38	EST	100	3.26	CAD	TSX
November 27, 2018	12:16:15	EST	500	3.26	CAD	TSX
November 27, 2018	12:16:29	EST	200	3.26	CAD	TSX
November 27, 2018	12:16:40	EST	100	3.26	CAD	TSX
November 27, 2018	12:17:51	EST	100	3.26	CAD	TSX
November 27, 2018	12:18:33	EST	100	3.26	CAD	TSX
November 27, 2018	12:18:52	EST	300	3.26	CAD	TSX
November 27, 2018	12:18:52	EST	100	3.26	CAD	TSX
November 27, 2018	12:20:51	EST	100	3.26	CAD	TSX
November 27, 2018	12:22:05	EST	200	3.26	CAD	TSX
November 27, 2018	12:23:35	EST	400	3.26	CAD	TSX
November 27, 2018	12:24:09	EST	100	3.26	CAD	TSX
November 27, 2018	12:24:15	EST	300	3.26	CAD	TSX
November 27, 2018	12:24:40	EST	100	3.26	CAD	TSX
November 27, 2018	12:24:44	EST	100	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	100	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	300	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	100	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	100	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	400	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	200	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	2400	3.26	CAD	TSX
November 27, 2018	12:25:25	EST	200	3.26	CAD	TSX
November 27, 2018	12:25:48	EST	700	3.25	CAD	TSX
November 27, 2018	12:26:00	EST	200	3.25	CAD	TSX
November 27, 2018	12:26:00	EST	200	3.25	CAD	TSX
November 27, 2018	12:26:00	EST	100	3.25	CAD	TSX
November 27, 2018	12:26:00	EST	200	3.25	CAD	TSX
November 27, 2018	12:26:00	EST	200	3.25	CAD	TSX
November 27, 2018	12:26:00	EST	100	3.25	CAD	TSX
November 27, 2018	12:26:19	EST	100	3.25	CAD	TSX
November 27, 2018	12:26:36	EST	600	3.25	CAD	TSX
November 27, 2018	12:26:42	EST	100	3.25	CAD	TSX
November 27, 2018	12:31:09	EST	100	3.25	CAD	TSX
November 27, 2018	12:31:38	EST	300	3.25	CAD	TSX
November 27, 2018	12:32:09	EST	300	3.25	CAD	TSX
November 27, 2018	12:32:17	EST	100	3.25	CAD	TSX
November 27, 2018	12:32:18	EST	200	3.25	CAD	TSX
November 27, 2018	12:32:19	EST	200	3.25	CAD	TSX
November 27, 2018	12:32:50	EST	100	3.25	CAD	TSX
November 27, 2018	12:33:53	EST	300	3.25	CAD	TSX
November 27, 2018	12:49:44	EST	100	3.27	CAD	TSX
November 27, 2018	12:50:32	EST	100	3.27	CAD	TSX
November 27, 2018	12:51:11	EST	100	3.27	CAD	TSX
November 27, 2018	12:52:46	EST	100	3.27	CAD	TSX
November 27, 2018	12:55:04	EST	100	3.27	CAD	TSX
November 27, 2018	13:01:21	EST	700	3.3	CAD	TSX
November 27, 2018	13:01:55	EST	400	3.3	CAD	TSX
November 27, 2018	13:02:26	EST	200	3.3	CAD	TSX
November 27, 2018	13:03:02	EST	100	3.3	CAD	TSX

November 27, 2018	13:03:25	EST	100	3.3	CAD	TSX
November 27, 2018	13:03:35	EST	100	3.3	CAD	TSX
November 27, 2018	13:03:56	EST	400	3.3	CAD	TSX
November 27, 2018	13:04:14	EST	400	3.3	CAD	TSX
November 27, 2018	13:04:56	EST	500	3.3	CAD	TSX
November 27, 2018	13:06:06	EST	400	3.3	CAD	TSX
November 27, 2018	13:06:24	EST	400	3.3	CAD	TSX
November 27, 2018	13:06:59	EST	500	3.3	CAD	TSX
November 27, 2018	13:07:16	EST	700	3.3	CAD	TSX
November 27, 2018	13:08:35	EST	300	3.3	CAD	TSX
November 27, 2018	13:09:14	EST	400	3.3	CAD	TSX
November 27, 2018	13:09:58	EST	100	3.3	CAD	TSX
November 27, 2018	13:10:32	EST	100	3.3	CAD	TSX
November 27, 2018	13:11:10	EST	100	3.3	CAD	TSX
November 27, 2018	13:11:29	EST	300	3.3	CAD	TSX
November 27, 2018	13:12:05	EST	400	3.3	CAD	TSX
November 27, 2018	13:13:03	EST	100	3.3	CAD	TSX
November 27, 2018	13:13:53	EST	300	3.3	CAD	TSX
November 27, 2018	13:14:40	EST	500	3.3	CAD	TSX
November 27, 2018	13:16:08	EST	100	3.3	CAD	TSX
November 27, 2018	13:16:08	EST	1400	3.3	CAD	TSX
November 27, 2018	13:16:08	EST	500	3.3	CAD	TSX
November 27, 2018	13:16:08	EST	3000	3.3	CAD	TSX
November 27, 2018	13:40:19	EST	5200	3.305	CAD	TSX
November 27, 2018	13:41:59	EST	10700	3.305	CAD	TriAct
November 27, 2018	13:57:22	EST	200	3.3	CAD	TSX
November 27, 2018	13:57:39	EST	100	3.3	CAD	TSX
November 27, 2018	13:57:46	EST	500	3.3	CAD	TSX
November 27, 2018	13:57:46	EST	100	3.3	CAD	TSX
November 27, 2018	13:57:59	EST	900	3.3	CAD	TSX
November 27, 2018	13:57:59	EST	300	3.3	CAD	TSX
November 27, 2018	13:58:21	EST	100	3.3	CAD	TSX
November 27, 2018	13:58:44	EST	300	3.3	CAD	TSX
November 27, 2018	14:00:20	EST	10000	3.305	CAD	TriAct
November 27, 2018	14:23:12	EST	10000	3.305	CAD	TriAct
November 27, 2018	14:56:01	EST	14500	3.315	CAD	TriAct
November 28, 2018	09:40:49	EST	100	3.34	CAD	TSX
November 28, 2018	09:41:20	EST	100	3.34	CAD	TSX
November 28, 2018	09:41:58	EST	4200	3.34	CAD	TSX
November 28, 2018	09:41:58	EST	600	3.34	CAD	TSX
November 28, 2018	09:43:08	EST	1200	3.34	CAD	TriAct
November 28, 2018	09:43:09	EST	2300	3.34	CAD	TriAct
November 28, 2018	09:43:11	EST	400	3.34	CAD	TriAct
November 28, 2018	09:43:13	EST	200	3.34	CAD	TriAct
November 28, 2018	09:43:15	EST	900	3.34	CAD	TriAct
November 28, 2018	09:46:06	EST	5000	3.33	CAD	TSX
November 28, 2018	09:53:16	EST	3500	3.33	CAD	TSX
November 28, 2018	09:58:16	EST	1500	3.33	CAD	TSX
November 28, 2018	10:08:59	EST	5000	3.325	CAD	TriAct
November 28, 2018	10:25:38	EST	500	3.33	CAD	TSX

November 28, 2018	10:25:38	EST	2400	3.33	CAD	TSX
November 28, 2018	10:25:38	EST	100	3.33	CAD	TSX
November 28, 2018	10:25:38	EST	400	3.33	CAD	TSX
November 28, 2018	10:25:38	EST	1000	3.33	CAD	TSX
November 28, 2018	10:25:38	EST	100	3.33	CAD	TSX
November 28, 2018	10:25:38	EST	500	3.33	CAD	TSX
November 28, 2018	10:30:00	EST	500	3.32	CAD	TSX
November 28, 2018	10:30:00	EST	500	3.32	CAD	TSX
November 28, 2018	10:30:00	EST	6700	3.32	CAD	TSX
November 28, 2018	10:30:00	EST	4	3.32	CAD	TSX
November 28, 2018	10:32:46	EST	2200	3.31	CAD	TSX
November 28, 2018	10:32:46	EST	2700	3.31	CAD	TSX
November 28, 2018	10:32:46	EST	100	3.31	CAD	TSX
November 28, 2018	10:45:16	EST	5000	3.34	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	200	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	500	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	200	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	400	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	2500	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	TSX
November 28, 2018	10:52:17	EST	100	3.35	CAD	Omega
November 28, 2018	10:52:17	EST	200	3.35	CAD	Omega
November 28, 2018	10:52:17	EST	100	3.35	CAD	Omega
November 28, 2018	10:52:17	EST	100	3.35	CAD	Omega
November 28, 2018	10:52:17	EST	100	3.35	CAD	Omega
November 28, 2018	10:52:18	EST	300	3.345	CAD	TriAct
November 28, 2018	10:53:00	EST	400	3.345	CAD	TriAct
November 28, 2018	10:55:21	EST	200	3.345	CAD	TriAct
November 28, 2018	10:55:49	EST	200	3.345	CAD	TriAct
November 28, 2018	11:00:34	EST	1900	3.345	CAD	TriAct
November 28, 2018	11:00:34	EST	1200	3.34	CAD	TSX
November 28, 2018	11:00:34	EST	400	3.34	CAD	TSX
November 28, 2018	11:00:34	EST	3400	3.34	CAD	TSX
November 28, 2018	11:33:28	EST	500	3.38	CAD	TSX
November 28, 2018	11:33:28	EST	2100	3.38	CAD	TSX
November 28, 2018	11:33:28	EST	2400	3.38	CAD	TSX
November 28, 2018	11:35:55	EST	800	3.375	CAD	TriAct
November 28, 2018	11:36:00	EST	500	3.375	CAD	TriAct
November 28, 2018	12:11:20	EST	5000	3.41	CAD	TSX
November 28, 2018	12:21:23	EST	2200	3.405	CAD	TriAct
November 28, 2018	12:21:26	EST	300	3.405	CAD	TriAct
November 28, 2018	12:21:26	EST	200	3.405	CAD	TriAct
November 28, 2018	12:21:26	EST	300	3.405	CAD	TriAct
November 28, 2018	12:21:26	EST	3300	3.405	CAD	TriAct
November 28, 2018	12:33:06	EST	800	3.405	CAD	TriAct

November 28, 2018	12:33:07	EST	1100	3.405	CAD	TriAct
November 28, 2018	12:35:58	EST	200	3.405	CAD	TriAct
November 28, 2018	12:36:11	EST	100	3.405	CAD	TriAct
November 28, 2018	12:36:41	EST	100	3.405	CAD	TriAct
November 28, 2018	12:44:00	EST	100	3.405	CAD	TriAct
November 28, 2018	12:44:29	EST	100	3.405	CAD	TriAct
November 28, 2018	12:45:01	EST	100	3.405	CAD	TriAct
November 28, 2018	12:45:31	EST	100	3.405	CAD	TriAct
November 28, 2018	12:45:59	EST	100	3.405	CAD	TriAct
November 28, 2018	12:46:29	EST	100	3.405	CAD	TriAct
November 28, 2018	12:46:38	EST	600	3.405	CAD	TriAct
November 28, 2018	12:46:38	EST	200	3.405	CAD	TriAct
November 28, 2018	12:47:00	EST	100	3.405	CAD	TriAct
November 28, 2018	12:47:31	EST	100	3.405	CAD	TriAct
November 28, 2018	12:48:12	EST	900	3.405	CAD	TriAct
November 28, 2018	12:51:01	EST	400	3.405	CAD	TriAct
November 28, 2018	12:51:26	EST	100	3.405	CAD	TriAct
November 28, 2018	12:52:24	EST	100	3.405	CAD	TriAct
November 28, 2018	12:53:04	EST	1700	3.4	CAD	TSX
November 28, 2018	12:53:04	EST	5000	3.4	CAD	TSX
November 28, 2018	12:53:04	EST	400	3.4	CAD	TSX
November 28, 2018	12:53:04	EST	4400	3.4	CAD	TSX
November 28, 2018	12:58:39	EST	3500	3.39	CAD	TSX
November 28, 2018	12:58:40	EST	700	3.39	CAD	TSX
November 28, 2018	12:58:40	EST	800	3.39	CAD	TSX
November 28, 2018	13:03:35	EST	500	3.38	CAD	TSX
November 28, 2018	13:03:35	EST	3200	3.38	CAD	TSX
November 28, 2018	13:03:35	EST	1300	3.38	CAD	TSX
November 28, 2018	13:34:12	EST	100	3.385	CAD	TriAct
November 28, 2018	13:34:12	EST	100	3.385	CAD	TriAct
November 28, 2018	13:34:54	EST	100	3.385	CAD	TriAct
November 28, 2018	13:55:11	EST	1000	3.4	CAD	TSX
November 28, 2018	13:55:11	EST	900	3.4	CAD	TSX
November 28, 2018	13:55:11	EST	1100	3.4	CAD	TSX
November 28, 2018	13:55:11	EST	1000	3.4	CAD	TSX
November 28, 2018	13:55:11	EST	2500	3.4	CAD	TSX
November 28, 2018	13:55:11	EST	1000	3.4	CAD	TSX
November 28, 2018	13:55:11	EST	1000	3.39	CAD	TSX
November 28, 2018	13:55:11	EST	900	3.39	CAD	TSX
November 28, 2018	13:55:11	EST	100	3.39	CAD	TSX
November 28, 2018	13:55:11	EST	800	3.39	CAD	TSX
November 28, 2018	13:55:11	EST	500	3.39	CAD	TSX
November 28, 2018	13:55:11	EST	1700	3.39	CAD	TSX
November 28, 2018	14:07:04	EST	200	3.39	CAD	TSX
November 28, 2018	14:07:04	EST	300	3.39	CAD	TSX
November 28, 2018	14:07:04	EST	100	3.39	CAD	TSX
November 28, 2018	14:07:04	EST	100	3.39	CAD	TSX
November 28, 2018	14:08:32	EST	100	3.39	CAD	TSX
November 28, 2018	14:09:50	EST	900	3.39	CAD	Omega
November 28, 2018	14:09:50	EST	100	3.39	CAD	Omega



November 28, 2018	14:09:50	EST	500	3.39	CAD	NEO
November 28, 2018	15:24:03	EST	300	3.385	CAD	TriAct
November 28, 2018	15:24:03	EST	100	3.39	CAD	Omega
November 28, 2018	15:24:03	EST	2300	3.385	CAD	Chi-X
November 28, 2018	15:24:03	EST	500	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	1400	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	NEO
November 28, 2018	15:24:03	EST	700	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	700	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	200	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	100	3.39	CAD	TSX
November 28, 2018	15:24:03	EST	400	3.39	CAD	TSX
November 29, 2018	09:39:59	EST	3300	3.45	CAD	TSX
November 29, 2018	09:39:59	EST	900	3.45	CAD	TSX
November 29, 2018	09:39:59	EST	400	3.45	CAD	TSX
November 29, 2018	09:39:59	EST	400	3.45	CAD	TSX
November 29, 2018	09:40:45	EST	300	3.45	CAD	TSX
November 29, 2018	09:40:45	EST	700	3.45	CAD	TSX
November 29, 2018	09:40:45	EST	500	3.45	CAD	Chi-X
November 29, 2018	09:40:45	EST	2900	3.45	CAD	Chi-X
November 29, 2018	09:42:13	EST	1200	3.46	CAD	TSX
November 29, 2018	09:42:13	EST	100	3.46	CAD	TSX
November 29, 2018	09:42:13	EST	300	3.46	CAD	TSX
November 29, 2018	09:59:26	EST	5000	3.48	CAD	TSX
November 29, 2018	09:59:59	EST	3400	3.46	CAD	TSX
November 29, 2018	09:59:59	EST	500	3.45	CAD	TSX
November 29, 2018	09:59:59	EST	100	3.45	CAD	TSX
November 29, 2018	10:06:01	EST	5000	3.44	CAD	TSX
November 29, 2018	10:11:11	EST	400	3.4	CAD	Omega
November 29, 2018	10:11:11	EST	200	3.4	CAD	Omega
November 29, 2018	10:11:11	EST	100	3.4	CAD	Chi-X
November 29, 2018	10:11:11	EST	2900	3.4	CAD	NEO
November 29, 2018	10:11:11	EST	100	3.4	CAD	NEO
November 29, 2018	10:11:11	EST	300	3.4	CAD	NEO
November 29, 2018	10:11:11	EST	200	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	3800	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	100	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	100	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	700	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	100	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	100	3.4	CAD	TSX
November 29, 2018	10:11:11	EST	200	3.4	CAD	TSX
November 29, 2018	10:28:16	EST	100	3.415	CAD	TriAct

November 29, 2018	10:29:16	EST	100	3.415	CAD	TriAct
November 29, 2018	10:29:27	EST	100	3.415	CAD	TriAct
November 29, 2018	10:30:16	EST	100	3.415	CAD	TriAct
November 29, 2018	10:35:14	EST	200	3.415	CAD	TriAct
November 29, 2018	10:35:15	EST	1000	3.415	CAD	TriAct
November 29, 2018	10:35:16	EST	100	3.41	CAD	TSX
November 29, 2018	10:35:16	EST	400	3.41	CAD	TSX
November 29, 2018	10:35:17	EST	100	3.41	CAD	TSX
November 29, 2018	10:35:17	EST	300	3.41	CAD	TSX
November 29, 2018	10:35:17	EST	100	3.41	CAD	TSX
November 29, 2018	10:39:59	EST	500	3.41	CAD	TSX
November 29, 2018	10:39:59	EST	500	3.41	CAD	TSX
November 29, 2018	10:39:59	EST	2000	3.41	CAD	TSX
November 29, 2018	10:40:02	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:03	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:05	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:08	EST	300	3.415	CAD	TriAct
November 29, 2018	10:40:10	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:11	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:12	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:15	EST	1000	3.415	CAD	TriAct
November 29, 2018	10:40:16	EST	1000	3.415	CAD	TriAct
November 29, 2018	10:40:19	EST	900	3.415	CAD	TriAct
November 29, 2018	10:40:24	EST	800	3.415	CAD	TriAct
November 29, 2018	10:40:27	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:29	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:30	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:32	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:46	EST	100	3.415	CAD	TriAct
November 29, 2018	10:40:57	EST	400	3.415	CAD	TriAct
November 29, 2018	10:40:58	EST	500	3.415	CAD	TriAct
November 29, 2018	10:51:01	EST	200	3.41	CAD	TSX
November 29, 2018	10:51:01	EST	800	3.41	CAD	TSX
November 29, 2018	11:08:14	EST	4900	3.43	CAD	TSX
November 29, 2018	11:08:14	EST	100	3.43	CAD	TSX
November 29, 2018	11:10:25	EST	1400	3.43	CAD	TSX
November 29, 2018	11:10:25	EST	600	3.43	CAD	TSX
November 29, 2018	11:10:25	EST	400	3.43	CAD	TSX
November 29, 2018	11:10:25	EST	400	3.43	CAD	TSX
November 29, 2018	11:10:25	EST	500	3.43	CAD	TSX
November 29, 2018	11:10:25	EST	1700	3.43	CAD	TSX
November 29, 2018	11:22:27	EST	100	3.42	CAD	TSX
November 29, 2018	11:24:09	EST	100	3.42	CAD	TSX
November 29, 2018	11:46:37	EST	400	3.42	CAD	TSX
November 29, 2018	11:46:37	EST	500	3.42	CAD	TSX
November 29, 2018	11:46:37	EST	3900	3.42	CAD	TSX
November 29, 2018	11:47:42	EST	900	3.415	CAD	TriAct
November 29, 2018	11:56:37	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:37	EST	100	3.415	CAD	TriAct
November 29, 2018	11:56:37	EST	100	3.415	CAD	TriAct



November 29, 2018	11:56:37	EST	100	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:38	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:39	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:39	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:39	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:39	EST	200	3.415	CAD	TriAct
November 29, 2018	11:56:41	EST	200	3.415	CAD	TriAct
November 29, 2018	11:57:14	EST	100	3.415	CAD	TriAct
November 29, 2018	11:57:24	EST	200	3.415	CAD	TriAct
November 29, 2018	12:00:13	EST	200	3.415	CAD	TriAct
November 29, 2018	12:34:58	EST	100	3.43	CAD	NEO
November 29, 2018	12:34:58	EST	1000	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	2800	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	100	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	5600	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	1400	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	700	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	100	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	100	3.43	CAD	TSX
November 29, 2018	12:34:58	EST	400	3.43	CAD	Chi-X
November 29, 2018	12:34:58	EST	100	3.43	CAD	Omega
November 29, 2018	12:34:58	EST	100	3.43	CAD	Omega
November 29, 2018	12:40:02	EST	100	3.45	CAD	TSX
November 29, 2018	12:40:02	EST	100	3.45	CAD	TSX
November 29, 2018	12:40:02	EST	100	3.45	CAD	TSX
November 29, 2018	12:40:02	EST	400	3.45	CAD	TSX
November 29, 2018	12:45:51	EST	400	3.46	CAD	TSX
November 29, 2018	12:45:51	EST	700	3.46	CAD	TSX
November 29, 2018	12:45:51	EST	100	3.46	CAD	TSX
November 29, 2018	12:45:51	EST	600	3.46	CAD	TSX
November 29, 2018	12:45:51	EST	500	3.46	CAD	Chi-X
November 29, 2018	12:45:51	EST	100	3.46	CAD	Omega
November 29, 2018	12:45:51	EST	100	3.46	CAD	Omega
November 29, 2018	13:05:58	EST	500	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	1700	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	500	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	3100	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	500	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	600	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	2700	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	3100	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	1300	3.45	CAD	TSX
November 29, 2018	13:05:58	EST	500	3.45	CAD	TSX





November 29, 2018	14:43:31	EST	100	3.46	CAD	TSX
November 29, 2018	14:43:31	EST	200	3.46	CAD	TSX
November 29, 2018	14:43:31	EST	100	3.46	CAD	TSX
November 30, 2018	09:35:13	EST	700	3.43	CAD	TSX
November 30, 2018	09:35:13	EST	4300	3.43	CAD	TSX
November 30, 2018	09:36:14	EST	400	3.4	CAD	TSX
November 30, 2018	09:36:16	EST	600	3.4	CAD	TSX
November 30, 2018	09:50:38	EST	5000	3.4	CAD	TSX
November 30, 2018	09:50:38	EST	4000	3.4	CAD	TSX
November 30, 2018	10:06:31	EST	100	3.4	CAD	TSX
November 30, 2018	10:36:12	EST	700	3.43	CAD	TSX
November 30, 2018	10:36:12	EST	400	3.43	CAD	TSX
November 30, 2018	10:36:12	EST	600	3.43	CAD	TSX
November 30, 2018	10:36:12	EST	100	3.43	CAD	TSX
November 30, 2018	10:36:12	EST	100	3.43	CAD	TSX
November 30, 2018	10:36:12	EST	400	3.43	CAD	TSX
November 30, 2018	10:36:12	EST	100	3.43	CAD	Chi-X
November 30, 2018	10:36:12	EST	100	3.43	CAD	Omega
November 30, 2018	10:56:11	EST	100	3.42	CAD	TSX
November 30, 2018	10:56:11	EST	1500	3.42	CAD	TSX
November 30, 2018	10:56:11	EST	3400	3.42	CAD	TSX
November 30, 2018	10:56:17	EST	1000	3.41	CAD	TSX
November 30, 2018	10:56:17	EST	3800	3.41	CAD	TSX
November 30, 2018	10:56:17	EST	200	3.41	CAD	TSX
November 30, 2018	11:26:19	EST	5000	3.41	CAD	TSX
November 30, 2018	11:28:11	EST	400	3.4	CAD	TSX
November 30, 2018	12:33:55	EST	100	3.485	CAD	TriAct
November 30, 2018	12:36:54	EST	100	3.495	CAD	TriAct
November 30, 2018	12:41:45	EST	700	3.51	CAD	TSX
November 30, 2018	12:41:45	EST	100	3.51	CAD	TSX
November 30, 2018	12:41:45	EST	100	3.51	CAD	TSX
November 30, 2018	12:42:43	EST	500	3.51	CAD	TSX
November 30, 2018	12:45:30	EST	3200	3.51	CAD	TSX
November 30, 2018	12:45:47	EST	100	3.51	CAD	TSX
November 30, 2018	12:45:49	EST	1000	3.51	CAD	TSX
November 30, 2018	12:45:49	EST	100	3.51	CAD	TSX
November 30, 2018	12:45:51	EST	1000	3.51	CAD	TSX
November 30, 2018	12:46:09	EST	100	3.51	CAD	TSX
November 30, 2018	12:46:44	EST	100	3.51	CAD	TSX
November 30, 2018	12:47:47	EST	100	3.51	CAD	TSX
November 30, 2018	12:47:56	EST	100	3.51	CAD	TSX
November 30, 2018	12:49:14	EST	4	3.51	CAD	TSX
November 30, 2018	12:49:14	EST	2900	3.51	CAD	TSX
November 30, 2018	12:58:45	EST	500	3.49	CAD	TSX
November 30, 2018	12:58:45	EST	100	3.49	CAD	TSX
November 30, 2018	12:58:45	EST	100	3.49	CAD	TSX
November 30, 2018	12:58:45	EST	1900	3.49	CAD	TSX
November 30, 2018	12:59:07	EST	100	3.49	CAD	TSX
November 30, 2018	13:02:52	EST	100	3.49	CAD	TSX
November 30, 2018	13:02:52	EST	600	3.49	CAD	TSX

November 30, 2018	13:05:13	EST	1600	3.49	CAD	TSX
November 30, 2018	13:06:14	EST	2500	3.49	CAD	TSX
November 30, 2018	13:06:14	EST	500	3.49	CAD	TSX
November 30, 2018	13:06:14	EST	1100	3.49	CAD	TSX
November 30, 2018	13:06:14	EST	900	3.49	CAD	TSX
November 30, 2018	13:06:17	EST	500	3.49	CAD	TSX
November 30, 2018	13:06:18	EST	100	3.49	CAD	TSX
November 30, 2018	13:06:18	EST	100	3.49	CAD	TSX
November 30, 2018	13:06:22	EST	100	3.49	CAD	TSX
November 30, 2018	13:06:22	EST	100	3.49	CAD	TSX
November 30, 2018	13:06:37	EST	100	3.49	CAD	TSX
November 30, 2018	13:07:04	EST	1000	3.49	CAD	TSX
November 30, 2018	13:07:04	EST	500	3.49	CAD	TSX
November 30, 2018	13:07:04	EST	1200	3.49	CAD	TSX
November 30, 2018	13:07:19	EST	1000	3.49	CAD	TSX
November 30, 2018	13:07:19	EST	300	3.49	CAD	TSX
November 30, 2018	13:07:19	EST	300	3.49	CAD	TSX
November 30, 2018	13:07:27	EST	100	3.49	CAD	TSX
November 30, 2018	13:08:11	EST	100	3.49	CAD	TSX
November 30, 2018	13:08:11	EST	100	3.49	CAD	TSX
November 30, 2018	13:09:52	EST	100	3.49	CAD	TSX
November 30, 2018	13:10:07	EST	100	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	400	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	900	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	100	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	100	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	700	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	100	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	200	3.49	CAD	TSX
November 30, 2018	13:12:59	EST	600	3.49	CAD	Chi-X
November 30, 2018	13:25:18	EST	200	3.51	CAD	TSX
November 30, 2018	13:25:18	EST	600	3.51	CAD	TSX
November 30, 2018	13:25:18	EST	100	3.51	CAD	TSX
November 30, 2018	13:25:18	EST	100	3.51	CAD	TSX
November 30, 2018	13:25:18	EST	400	3.51	CAD	TSX
November 30, 2018	13:25:18	EST	600	3.51	CAD	Chi-X
November 30, 2018	13:25:19	EST	100	3.51	CAD	TSX
November 30, 2018	13:25:19	EST	100	3.51	CAD	TSX
November 30, 2018	13:25:36	EST	200	3.51	CAD	TSX
November 30, 2018	13:25:53	EST	100	3.51	CAD	TSX
November 30, 2018	13:41:07	EST	200	3.51	CAD	TSX
November 30, 2018	13:41:07	EST	4500	3.51	CAD	TSX
November 30, 2018	13:41:07	EST	2700	3.51	CAD	TSX
November 30, 2018	13:41:07	EST	600	3.51	CAD	TSX
November 30, 2018	13:41:14	EST	1000	3.51	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	200	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	400	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	400	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	800	3.52	CAD	TSX

November 30, 2018	13:45:23	EST	1600	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	700	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	600	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	200	3.52	CAD	Pure
November 30, 2018	13:45:23	EST	400	3.52	CAD	NEO
November 30, 2018	13:45:23	EST	600	3.52	CAD	NEO
November 30, 2018	13:45:23	EST	100	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	100	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	600	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	600	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	1100	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	800	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	100	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	100	3.52	CAD	Chi-X
November 30, 2018	13:45:23	EST	100	3.52	CAD	Omega
November 30, 2018	13:45:23	EST	100	3.52	CAD	Omega
November 30, 2018	13:45:23	EST	800	3.52	CAD	Omega
November 30, 2018	13:45:23	EST	500	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	100	3.52	CAD	TSX
November 30, 2018	13:45:23	EST	900	3.52	CAD	TSX
November 30, 2018	13:48:32	EST	100	3.52	CAD	NEO
November 30, 2018	13:48:32	EST	400	3.52	CAD	TSX
November 30, 2018	13:48:32	EST	100	3.52	CAD	TSX
November 30, 2018	13:48:32	EST	300	3.52	CAD	TSX
November 30, 2018	13:48:32	EST	100	3.52	CAD	TSX
November 30, 2018	13:48:32	EST	900	3.52	CAD	Chi-X
November 30, 2018	13:48:32	EST	600	3.52	CAD	Chi-X
November 30, 2018	13:56:24	EST	100	3.515	CAD	TriAct
November 30, 2018	13:56:25	EST	100	3.515	CAD	TriAct
November 30, 2018	13:58:26	EST	600	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	4500	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	700	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	100	3.52	CAD	TSX
November 30, 2018	13:58:26	EST	900	3.52	CAD	Chi-X
November 30, 2018	13:58:26	EST	100	3.52	CAD	Omega
November 30, 2018	13:58:26	EST	100	3.52	CAD	Omega
November 30, 2018	13:58:26	EST	100	3.52	CAD	Omega
November 30, 2018	14:04:47	EST	400	3.515	CAD	TriAct



November 30, 2018	14:40:30	EST	100	3.53	CAD	TSX
November 30, 2018	14:40:30	EST	100	3.53	CAD	TSX
November 30, 2018	14:40:30	EST	200	3.53	CAD	TSX
November 30, 2018	14:40:30	EST	700	3.53	CAD	TSX
November 30, 2018	14:40:30	EST	1200	3.53	CAD	TSX
November 30, 2018	14:40:30	EST	4000	3.53	CAD	TSX