

## GRAN TIERRA ENERGY INC.

### Company Announcement – Transaction in Own Shares

November 19, 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 12 through November 16, 2018:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
November 12, 2018	147,704	\$3.84	\$566,743.20
November 13, 2018	152,704	\$3.69	\$563,808.88
November 14, 2018	152,704	\$3.68	\$561,335.76
November 15, 2018	152,704	\$3.70	\$565,101.84
November 16, 2018	152,704	\$3.71	\$566,732.76

### Exchange Aggregated Data

	Platform	Nov. 12, 2018	Nov. 13, 2018	Nov. 14, 2018	Nov. 15, 2018	Nov. 16, 2018
<b>Daily Total Volume</b>	TSX	141,604	147,504	150,104	152,704	142,204
	Pure	0	300	0	0	0
	Chi-X	1,100	3,100	2,000	0	2,400
	Omega	0	900	400	0	0
	TriAct	0	0	0	0	0
	Alpha	5,000	0	0	0	8,100
	CNSX	0	0	0	0	0
	LYNX	0	0	0	0	0
	NEO	0	900	200	0	0
<b>Volume weighted average price (CAD)</b>	TSX	\$3.84	\$3.69	\$3.68	\$3.70	\$3.71
	Pure	-	\$3.68	-	-	-
	Chi-X	\$3.84	\$3.71	\$3.65	-	\$3.71
	Omega	-	\$3.68	\$3.65	-	-
	TriAct	-	-	-	-	-
	Alpha	\$3.84	-	-	-	\$3.73
	CNSX	-	-	-	-	-
	LYNX	-	-	-	-	-
	NEO	-	\$3.68	\$3.65	-	-

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 389,825,244 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

<b>Date</b>	<b>Transaction Time</b>	<b>Time Zone</b>	<b>Volume</b>	<b>Price</b>	<b>Currency</b>	<b>Platform</b>
November 12, 2018	09:32:09	EST	700	3.83	CAD	TSX
November 12, 2018	09:32:10	EST	700	3.83	CAD	TSX
November 12, 2018	09:32:48	EST	3600	3.83	CAD	TSX
November 12, 2018	09:38:11	EST	5000	3.84	CAD	TSX
November 12, 2018	09:43:43	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:43	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:43	EST	1100	3.8	CAD	TSX
November 12, 2018	09:43:43	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:43	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:44	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:44	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:44	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:45	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:46	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:46	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:47	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:47	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:47	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:48	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:48	EST	200	3.8	CAD	TSX
November 12, 2018	09:43:59	EST	400	3.8	CAD	TSX
November 12, 2018	09:43:59	EST	4	3.8	CAD	TSX
November 12, 2018	09:43:59	EST	900	3.8	CAD	TSX
November 12, 2018	09:43:59	EST	2300	3.8	CAD	TSX
November 12, 2018	09:50:25	EST	400	3.79	CAD	TSX
November 12, 2018	10:04:36	EST	100	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	600	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	2000	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	1100	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	300	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	200	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	400	3.82	CAD	TSX
November 12, 2018	10:04:36	EST	300	3.82	CAD	TSX
November 12, 2018	10:28:49	EST	7800	3.91	CAD	TSX
November 12, 2018	10:28:49	EST	100	3.91	CAD	TSX
November 12, 2018	10:28:49	EST	800	3.91	CAD	TSX
November 12, 2018	10:28:49	EST	600	3.91	CAD	TSX
November 12, 2018	10:28:49	EST	700	3.91	CAD	TSX
November 12, 2018	10:29:30	EST	5000	3.9	CAD	TSX
November 12, 2018	10:30:54	EST	700	3.89	CAD	TSX
November 12, 2018	10:30:54	EST	500	3.89	CAD	TSX
November 12, 2018	10:30:54	EST	2400	3.89	CAD	TSX
November 12, 2018	10:30:54	EST	1400	3.89	CAD	TSX
November 12, 2018	10:32:14	EST	4400	3.88	CAD	TSX
November 12, 2018	10:32:14	EST	500	3.88	CAD	TSX
November 12, 2018	10:32:14	EST	100	3.88	CAD	TSX
November 12, 2018	10:33:40	EST	700	3.87	CAD	TSX
November 12, 2018	10:33:47	EST	3900	3.87	CAD	TSX

November 12, 2018	10:34:36	EST	100	3.86	CAD	TSX
November 12, 2018	10:35:52	EST	500	3.86	CAD	TSX
November 12, 2018	10:39:04	EST	100	3.86	CAD	TSX
November 12, 2018	10:39:25	EST	400	3.86	CAD	TSX
November 12, 2018	10:39:25	EST	200	3.86	CAD	TSX
November 12, 2018	10:39:27	EST	3700	3.86	CAD	TSX
November 12, 2018	10:44:09	EST	100	3.85	CAD	TSX
November 12, 2018	10:44:09	EST	100	3.85	CAD	TSX
November 12, 2018	10:44:09	EST	100	3.85	CAD	TSX
November 12, 2018	10:44:09	EST	100	3.85	CAD	TSX
November 12, 2018	10:44:09	EST	100	3.85	CAD	TSX
November 12, 2018	10:44:43	EST	3000	3.85	CAD	TSX
November 12, 2018	10:44:43	EST	600	3.85	CAD	TSX
November 12, 2018	10:44:43	EST	900	3.85	CAD	TSX
November 12, 2018	10:47:40	EST	1000	3.84	CAD	TSX
November 12, 2018	10:47:40	EST	100	3.84	CAD	TSX
November 12, 2018	10:47:40	EST	500	3.84	CAD	Chi-X
November 12, 2018	10:47:40	EST	400	3.84	CAD	Chi-X
November 12, 2018	10:47:40	EST	200	3.84	CAD	Chi-X
November 12, 2018	10:52:22	EST	1000	3.85	CAD	TSX
November 12, 2018	10:52:22	EST	1100	3.85	CAD	TSX
November 12, 2018	10:52:22	EST	1600	3.85	CAD	TSX
November 12, 2018	10:52:22	EST	600	3.85	CAD	TSX
November 12, 2018	10:52:22	EST	700	3.85	CAD	TSX
November 12, 2018	10:52:22	EST	1100	3.84	CAD	TSX
November 12, 2018	10:52:22	EST	1000	3.84	CAD	TSX
November 12, 2018	10:52:22	EST	700	3.84	CAD	TSX
November 12, 2018	10:54:41	EST	100	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	2200	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	100	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	1000	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	100	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	600	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	200	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	400	3.83	CAD	TSX
November 12, 2018	10:54:41	EST	300	3.83	CAD	TSX
November 12, 2018	10:57:58	EST	1700	3.82	CAD	TSX
November 12, 2018	10:57:58	EST	1200	3.82	CAD	TSX
November 12, 2018	10:57:58	EST	1100	3.82	CAD	TSX
November 12, 2018	10:57:58	EST	1000	3.82	CAD	TSX
November 12, 2018	10:58:04	EST	5000	3.81	CAD	TSX
November 12, 2018	10:58:10	EST	4500	3.8	CAD	TSX
November 12, 2018	11:02:15	EST	100	3.8	CAD	TSX
November 12, 2018	11:05:13	EST	400	3.8	CAD	TSX
November 12, 2018	11:05:14	EST	100	3.8	CAD	TSX
November 12, 2018	11:05:14	EST	100	3.8	CAD	TSX
November 12, 2018	11:05:20	EST	100	3.8	CAD	TSX
November 12, 2018	11:05:20	EST	100	3.8	CAD	TSX
November 12, 2018	11:05:42	EST	100	3.8	CAD	TSX
November 12, 2018	11:05:42	EST	1600	3.8	CAD	TSX

November 12, 2018	11:05:42	EST	1900	3.8	CAD	TSX
November 12, 2018	11:05:42	EST	1000	3.8	CAD	TSX
November 12, 2018	11:36:51	EST	5000	3.84	CAD	Alpha
November 12, 2018	11:50:01	EST	500	3.83	CAD	TSX
November 12, 2018	11:50:03	EST	4500	3.83	CAD	TSX
November 12, 2018	11:52:42	EST	1000	3.81	CAD	TSX
November 12, 2018	11:52:42	EST	900	3.81	CAD	TSX
November 12, 2018	11:52:42	EST	1200	3.81	CAD	TSX
November 12, 2018	11:52:42	EST	1100	3.81	CAD	TSX
November 12, 2018	11:52:42	EST	800	3.81	CAD	TSX
November 12, 2018	12:30:32	EST	400	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	500	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	400	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	200	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	100	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	100	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	1000	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	1100	3.83	CAD	TSX
November 12, 2018	12:30:32	EST	1200	3.83	CAD	TSX
November 12, 2018	12:40:13	EST	100	3.82	CAD	TSX
November 12, 2018	12:40:13	EST	100	3.82	CAD	TSX
November 12, 2018	12:49:27	EST	100	3.82	CAD	TSX
November 12, 2018	12:49:27	EST	100	3.82	CAD	TSX
November 12, 2018	12:49:28	EST	1400	3.82	CAD	TSX
November 12, 2018	12:49:28	EST	3200	3.82	CAD	TSX
November 12, 2018	14:17:04	EST	300	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	300	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	500	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	400	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	100	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	1100	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	1600	3.83	CAD	TSX
November 12, 2018	14:17:04	EST	700	3.83	CAD	TSX
November 12, 2018	14:22:08	EST	1800	3.82	CAD	TSX
November 12, 2018	14:22:08	EST	400	3.82	CAD	TSX
November 12, 2018	14:22:08	EST	2800	3.82	CAD	TSX
November 12, 2018	14:28:19	EST	800	3.81	CAD	TSX
November 12, 2018	14:28:34	EST	1900	3.81	CAD	TSX
November 12, 2018	14:28:34	EST	100	3.81	CAD	TSX
November 12, 2018	14:28:34	EST	2200	3.81	CAD	TSX
November 12, 2018	14:30:19	EST	1300	3.8	CAD	TSX
November 12, 2018	14:34:41	EST	8700	3.8	CAD	TSX
November 13, 2018	09:34:47	EST	200	3.75	CAD	TSX
November 13, 2018	09:34:48	EST	700	3.75	CAD	TSX
November 13, 2018	09:34:48	EST	300	3.75	CAD	TSX
November 13, 2018	09:34:48	EST	200	3.75	CAD	TSX
November 13, 2018	09:34:48	EST	1400	3.75	CAD	TSX
November 13, 2018	09:34:48	EST	1000	3.75	CAD	TSX
November 13, 2018	09:34:48	EST	1200	3.75	CAD	TSX
November 13, 2018	09:42:29	EST	100	3.74	CAD	TSX

November 13, 2018	09:42:48	EST	100	3.74	CAD	TSX
November 13, 2018	09:42:48	EST	1900	3.74	CAD	TSX
November 13, 2018	09:42:48	EST	800	3.74	CAD	TSX
November 13, 2018	09:42:48	EST	1100	3.74	CAD	TSX
November 13, 2018	09:42:48	EST	1000	3.74	CAD	TSX
November 13, 2018	09:42:48	EST	800	3.73	CAD	TSX
November 13, 2018	09:42:48	EST	4200	3.73	CAD	TSX
November 13, 2018	09:45:17	EST	100	3.73	CAD	TSX
November 13, 2018	09:45:40	EST	100	3.73	CAD	TSX
November 13, 2018	09:51:22	EST	100	3.73	CAD	TSX
November 13, 2018	09:54:32	EST	4700	3.73	CAD	TSX
November 13, 2018	09:55:06	EST	300	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	100	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	200	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	400	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	400	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	500	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	100	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	500	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	700	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	100	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	100	3.72	CAD	TSX
November 13, 2018	09:55:51	EST	500	3.72	CAD	TSX
November 13, 2018	09:55:54	EST	600	3.72	CAD	TSX
November 13, 2018	09:55:54	EST	500	3.72	CAD	TSX
November 13, 2018	09:56:00	EST	100	3.71	CAD	TSX
November 13, 2018	09:56:39	EST	100	3.71	CAD	TSX
November 13, 2018	10:02:55	EST	2300	3.71	CAD	TSX
November 13, 2018	10:02:55	EST	900	3.71	CAD	TSX
November 13, 2018	10:02:55	EST	100	3.71	CAD	TSX
November 13, 2018	10:13:03	EST	200	3.73	CAD	TSX
November 13, 2018	10:13:20	EST	100	3.73	CAD	TSX
November 13, 2018	10:14:49	EST	200	3.73	CAD	TSX
November 13, 2018	10:16:57	EST	1800	3.73	CAD	TSX
November 13, 2018	10:16:57	EST	800	3.73	CAD	TSX
November 13, 2018	10:16:57	EST	300	3.73	CAD	TSX
November 13, 2018	10:16:57	EST	100	3.73	CAD	TSX
November 13, 2018	10:16:57	EST	200	3.73	CAD	TSX
November 13, 2018	10:17:05	EST	1300	3.73	CAD	TSX
November 13, 2018	10:19:22	EST	1900	3.72	CAD	TSX
November 13, 2018	10:19:22	EST	3100	3.72	CAD	TSX
November 13, 2018	10:21:33	EST	1500	3.71	CAD	TSX
November 13, 2018	10:22:32	EST	1700	3.72	CAD	Chi-X
November 13, 2018	10:22:32	EST	600	3.72	CAD	Chi-X
November 13, 2018	10:24:32	EST	300	3.72	CAD	TSX
November 13, 2018	10:25:49	EST	300	3.72	CAD	TSX
November 13, 2018	10:25:52	EST	100	3.72	CAD	TSX
November 13, 2018	10:25:52	EST	1400	3.72	CAD	TSX
November 13, 2018	10:25:56	EST	2700	3.72	CAD	TSX
November 13, 2018	10:25:56	EST	600	3.72	CAD	TSX

November 13, 2018	10:27:25	EST	4	3.72	CAD	TSX
November 13, 2018	11:23:41	EST	100	3.71	CAD	TSX
November 13, 2018	11:23:41	EST	100	3.71	CAD	TSX
November 13, 2018	11:23:42	EST	400	3.71	CAD	TSX
November 13, 2018	11:23:46	EST	200	3.71	CAD	TSX
November 13, 2018	11:23:47	EST	1200	3.71	CAD	TSX
November 13, 2018	11:23:47	EST	1400	3.71	CAD	TSX
November 13, 2018	11:23:47	EST	1600	3.71	CAD	TSX
November 13, 2018	11:23:53	EST	200	3.7	CAD	TSX
November 13, 2018	11:23:56	EST	100	3.7	CAD	TSX
November 13, 2018	11:24:07	EST	100	3.7	CAD	TSX
November 13, 2018	11:24:38	EST	800	3.7	CAD	TSX
November 13, 2018	11:24:38	EST	3500	3.7	CAD	TSX
November 13, 2018	11:24:38	EST	300	3.7	CAD	TSX
November 13, 2018	11:33:28	EST	5000	3.7	CAD	TSX
November 13, 2018	11:35:27	EST	1000	3.69	CAD	TSX
November 13, 2018	11:35:27	EST	4000	3.69	CAD	TSX
November 13, 2018	11:35:48	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:05	EST	4900	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	100	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	5500	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	200	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	700	3.68	CAD	TSX
November 13, 2018	11:36:36	EST	300	3.68	CAD	Pure
November 13, 2018	11:36:36	EST	100	3.68	CAD	Omega
November 13, 2018	11:36:36	EST	800	3.68	CAD	Omega
November 13, 2018	11:36:36	EST	200	3.68	CAD	Chi-X
November 13, 2018	11:36:36	EST	600	3.68	CAD	Chi-X
November 13, 2018	11:36:36	EST	700	3.68	CAD	NEO
November 13, 2018	11:36:36	EST	200	3.68	CAD	NEO
November 13, 2018	12:01:11	EST	100	3.71	CAD	TSX
November 13, 2018	12:01:11	EST	600	3.71	CAD	TSX
November 13, 2018	12:02:01	EST	100	3.71	CAD	TSX
November 13, 2018	12:05:55	EST	100	3.71	CAD	TSX
November 13, 2018	12:05:57	EST	700	3.71	CAD	TSX
November 13, 2018	12:05:57	EST	1000	3.71	CAD	TSX
November 13, 2018	12:05:57	EST	2400	3.71	CAD	TSX
November 13, 2018	12:17:47	EST	2500	3.7	CAD	TSX
November 13, 2018	12:17:47	EST	7500	3.7	CAD	TSX
November 13, 2018	12:36:25	EST	1200	3.7	CAD	TSX
November 13, 2018	12:36:25	EST	200	3.7	CAD	TSX
November 13, 2018	12:36:25	EST	200	3.7	CAD	TSX
November 13, 2018	12:36:26	EST	2900	3.7	CAD	TSX
November 13, 2018	12:36:26	EST	500	3.7	CAD	TSX

November 13, 2018	12:56:05	EST	200	3.7	CAD	TSX
November 13, 2018	12:57:10	EST	200	3.7	CAD	TSX
November 13, 2018	12:58:07	EST	500	3.7	CAD	TSX
November 13, 2018	12:58:38	EST	300	3.7	CAD	TSX
November 13, 2018	12:59:15	EST	1200	3.7	CAD	TSX
November 13, 2018	12:59:15	EST	700	3.7	CAD	TSX
November 13, 2018	12:59:15	EST	200	3.7	CAD	TSX
November 13, 2018	12:59:15	EST	600	3.7	CAD	TSX
November 13, 2018	12:59:15	EST	1100	3.7	CAD	TSX
November 13, 2018	12:59:15	EST	5000	3.69	CAD	TSX
November 13, 2018	13:03:52	EST	100	3.68	CAD	TSX
November 13, 2018	13:04:36	EST	100	3.68	CAD	TSX
November 13, 2018	13:05:10	EST	500	3.68	CAD	TSX
November 13, 2018	13:05:10	EST	1000	3.68	CAD	TSX
November 13, 2018	13:05:10	EST	800	3.68	CAD	TSX
November 13, 2018	13:05:10	EST	1200	3.68	CAD	TSX
November 13, 2018	13:05:10	EST	6300	3.68	CAD	TSX
November 13, 2018	13:10:43	EST	100	3.66	CAD	TSX
November 13, 2018	13:10:43	EST	100	3.66	CAD	TSX
November 13, 2018	13:11:11	EST	900	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	2400	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	200	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	600	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	500	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	100	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	100	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	300	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	1400	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	100	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	100	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	800	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	1900	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	100	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	200	3.66	CAD	TSX
November 13, 2018	13:11:13	EST	100	3.66	CAD	TSX
November 13, 2018	13:18:05	EST	100	3.63	CAD	TSX
November 13, 2018	13:18:23	EST	400	3.63	CAD	TSX
November 13, 2018	13:18:23	EST	100	3.63	CAD	TSX
November 13, 2018	13:18:23	EST	100	3.63	CAD	TSX
November 13, 2018	13:18:24	EST	100	3.63	CAD	TSX
November 13, 2018	13:18:24	EST	100	3.63	CAD	TSX
November 13, 2018	13:18:37	EST	100	3.63	CAD	TSX
November 13, 2018	13:19:41	EST	100	3.63	CAD	TSX
November 13, 2018	13:20:13	EST	100	3.63	CAD	TSX
November 13, 2018	13:20:20	EST	100	3.63	CAD	TSX
November 13, 2018	13:20:43	EST	100	3.63	CAD	TSX
November 13, 2018	13:21:15	EST	100	3.63	CAD	TSX
November 13, 2018	13:21:47	EST	100	3.63	CAD	TSX
November 13, 2018	13:22:19	EST	100	3.63	CAD	TSX
November 13, 2018	13:22:20	EST	100	3.63	CAD	TSX



November 13, 2018	13:22:20	EST	200	3.63	CAD	TSX
November 13, 2018	13:22:49	EST	100	3.63	CAD	TSX
November 13, 2018	13:23:21	EST	100	3.63	CAD	TSX
November 13, 2018	13:23:53	EST	100	3.63	CAD	TSX
November 13, 2018	13:24:07	EST	100	3.63	CAD	TSX
November 13, 2018	13:24:25	EST	100	3.63	CAD	TSX
November 13, 2018	13:24:57	EST	100	3.63	CAD	TSX
November 13, 2018	13:25:27	EST	100	3.63	CAD	TSX
November 13, 2018	13:25:49	EST	100	3.63	CAD	TSX
November 13, 2018	13:25:59	EST	100	3.63	CAD	TSX
November 13, 2018	13:32:58	EST	100	3.63	CAD	TSX
November 13, 2018	13:47:01	EST	100	3.63	CAD	TSX
November 13, 2018	13:47:53	EST	100	3.63	CAD	TSX
November 13, 2018	13:47:53	EST	300	3.63	CAD	TSX
November 13, 2018	13:47:53	EST	100	3.63	CAD	TSX
November 13, 2018	13:48:24	EST	100	3.63	CAD	TSX
November 13, 2018	13:48:49	EST	200	3.63	CAD	TSX
November 13, 2018	13:48:49	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	400	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:07	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:08	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:08	EST	200	3.63	CAD	TSX
November 13, 2018	13:49:11	EST	100	3.63	CAD	TSX
November 13, 2018	13:49:51	EST	100	3.63	CAD	TSX
November 13, 2018	13:50:04	EST	100	3.63	CAD	TSX
November 13, 2018	13:50:16	EST	200	3.63	CAD	TSX
November 13, 2018	13:50:34	EST	100	3.63	CAD	TSX
November 13, 2018	13:50:34	EST	100	3.63	CAD	TSX
November 13, 2018	13:50:43	EST	200	3.63	CAD	TSX
November 13, 2018	13:50:44	EST	200	3.63	CAD	TSX
November 13, 2018	13:50:45	EST	200	3.63	CAD	TSX
November 13, 2018	13:50:46	EST	200	3.63	CAD	TSX
November 13, 2018	13:50:46	EST	200	3.63	CAD	TSX
November 13, 2018	13:51:00	EST	100	3.63	CAD	TSX
November 13, 2018	13:51:00	EST	200	3.63	CAD	TSX
November 13, 2018	13:51:00	EST	300	3.63	CAD	TSX
November 13, 2018	13:51:00	EST	1400	3.63	CAD	TSX
November 13, 2018	14:17:14	EST	700	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	100	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	1600	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	100	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	100	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	900	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	2000	3.61	CAD	TSX

November 13, 2018	14:17:14	EST	1700	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	1600	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	600	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	200	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	100	3.61	CAD	TSX
November 13, 2018	14:17:14	EST	300	3.61	CAD	TSX
November 14, 2018	09:45:42	EST	5000	3.75	CAD	TSX
November 14, 2018	09:46:32	EST	5000	3.74	CAD	TSX
November 14, 2018	09:51:38	EST	5000	3.72	CAD	TSX
November 14, 2018	09:52:00	EST	5000	3.71	CAD	TSX
November 14, 2018	09:58:52	EST	5000	3.72	CAD	TSX
November 14, 2018	10:02:44	EST	5000	3.71	CAD	TSX
November 14, 2018	10:17:49	EST	3700	3.7	CAD	TSX
November 14, 2018	10:17:49	EST	100	3.7	CAD	TSX
November 14, 2018	10:36:44	EST	1200	3.7	CAD	TSX
November 14, 2018	10:49:59	EST	1700	3.7	CAD	TSX
November 14, 2018	10:49:59	EST	500	3.7	CAD	TSX
November 14, 2018	10:50:02	EST	100	3.7	CAD	TSX
November 14, 2018	10:50:19	EST	200	3.7	CAD	TSX
November 14, 2018	10:50:19	EST	100	3.7	CAD	TSX
November 14, 2018	10:50:37	EST	100	3.7	CAD	TSX
November 14, 2018	10:50:57	EST	100	3.7	CAD	TSX
November 14, 2018	10:51:23	EST	2200	3.7	CAD	TSX
November 14, 2018	11:07:13	EST	400	3.7	CAD	TSX
November 14, 2018	11:07:13	EST	1500	3.7	CAD	TSX
November 14, 2018	11:07:44	EST	3100	3.7	CAD	TSX
November 14, 2018	11:19:19	EST	1300	3.69	CAD	TSX
November 14, 2018	11:19:24	EST	300	3.69	CAD	TSX
November 14, 2018	11:19:24	EST	600	3.69	CAD	TSX
November 14, 2018	11:19:24	EST	5500	3.69	CAD	TSX
November 14, 2018	11:19:24	EST	4	3.69	CAD	TSX
November 14, 2018	11:20:02	EST	100	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	500	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	400	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	1400	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	1500	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	900	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	200	3.68	CAD	TSX
November 14, 2018	11:22:53	EST	100	3.67	CAD	TSX
November 14, 2018	11:25:20	EST	100	3.67	CAD	TSX
November 14, 2018	11:27:15	EST	100	3.67	CAD	TSX
November 14, 2018	11:28:25	EST	200	3.67	CAD	TSX
November 14, 2018	11:29:01	EST	100	3.67	CAD	TSX
November 14, 2018	11:34:11	EST	100	3.67	CAD	TSX
November 14, 2018	11:34:15	EST	100	3.67	CAD	TSX
November 14, 2018	11:34:29	EST	300	3.67	CAD	TSX
November 14, 2018	11:34:36	EST	100	3.67	CAD	TSX
November 14, 2018	11:34:36	EST	200	3.67	CAD	TSX
November 14, 2018	11:35:07	EST	100	3.67	CAD	TSX
November 14, 2018	11:36:07	EST	3500	3.67	CAD	TSX

November 14, 2018	11:36:07	EST	100	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	1100	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	100	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	200	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	400	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	500	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	300	3.66	CAD	TSX
November 14, 2018	11:36:07	EST	200	3.66	CAD	TSX
November 14, 2018	11:39:39	EST	1400	3.65	CAD	Chi-X
November 14, 2018	11:39:39	EST	600	3.65	CAD	Chi-X
November 14, 2018	11:39:39	EST	100	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	200	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	100	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	100	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	400	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	200	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	700	3.65	CAD	TSX
November 14, 2018	11:39:39	EST	400	3.65	CAD	Omega
November 14, 2018	11:39:39	EST	200	3.65	CAD	NEO
November 14, 2018	11:41:36	EST	15000	3.66	CAD	TSX
November 14, 2018	11:44:26	EST	25000	3.66	CAD	TSX
November 14, 2018	12:33:33	EST	20000	3.66	CAD	TSX
November 14, 2018	13:11:53	EST	600	3.65	CAD	TSX
November 14, 2018	13:43:40	EST	2100	3.64	CAD	TSX
November 14, 2018	13:45:44	EST	20000	3.64	CAD	TSX
November 15, 2018	09:32:28	EST	5000	3.64	CAD	TSX
November 15, 2018	09:46:31	EST	20000	3.69	CAD	TSX
November 15, 2018	09:51:16	EST	1000	3.67	CAD	TSX
November 15, 2018	09:51:17	EST	300	3.67	CAD	TSX
November 15, 2018	09:51:22	EST	1100	3.67	CAD	TSX
November 15, 2018	09:51:22	EST	1900	3.67	CAD	TSX
November 15, 2018	09:51:22	EST	300	3.67	CAD	TSX
November 15, 2018	09:51:27	EST	200	3.67	CAD	TSX
November 15, 2018	09:51:27	EST	100	3.67	CAD	TSX
November 15, 2018	09:51:28	EST	100	3.67	CAD	TSX
November 15, 2018	10:43:08	EST	500	3.67	CAD	TSX
November 15, 2018	10:46:13	EST	800	3.67	CAD	TSX
November 15, 2018	10:50:05	EST	600	3.67	CAD	TSX
November 15, 2018	10:50:10	EST	900	3.67	CAD	TSX
November 15, 2018	10:50:10	EST	900	3.67	CAD	TSX
November 15, 2018	10:51:25	EST	1300	3.67	CAD	TSX
November 15, 2018	11:51:45	EST	25000	3.7	CAD	TSX
November 15, 2018	12:02:03	EST	25000	3.7	CAD	TSX
November 15, 2018	12:15:08	EST	100	3.69	CAD	TSX
November 15, 2018	12:15:30	EST	100	3.69	CAD	TSX
November 15, 2018	12:15:40	EST	100	3.69	CAD	TSX
November 15, 2018	12:32:28	EST	1000	3.69	CAD	TSX
November 15, 2018	12:32:49	EST	3700	3.69	CAD	TSX
November 15, 2018	12:57:41	EST	14600	3.69	CAD	TSX
November 15, 2018	13:33:30	EST	16900	3.74	CAD	TSX

November 15, 2018	13:47:42	EST	100	3.74	CAD	TSX
November 15, 2018	13:51:12	EST	900	3.74	CAD	TSX
November 15, 2018	13:51:12	EST	400	3.74	CAD	TSX
November 15, 2018	13:55:41	EST	500	3.74	CAD	TSX
November 15, 2018	13:59:03	EST	400	3.74	CAD	TSX
November 15, 2018	13:59:09	EST	500	3.74	CAD	TSX
November 15, 2018	14:00:16	EST	500	3.74	CAD	TSX
November 15, 2018	14:01:15	EST	5200	3.74	CAD	TSX
November 15, 2018	14:11:53	EST	1400	3.71	CAD	TSX
November 15, 2018	14:11:58	EST	900	3.71	CAD	TSX
November 15, 2018	14:22:52	EST	4	3.71	CAD	TSX
November 15, 2018	14:22:52	EST	5400	3.71	CAD	TSX
November 15, 2018	14:45:33	EST	100	3.7	CAD	TSX
November 15, 2018	14:45:43	EST	100	3.7	CAD	TSX
November 15, 2018	14:45:51	EST	100	3.7	CAD	TSX
November 15, 2018	14:45:57	EST	100	3.7	CAD	TSX
November 15, 2018	14:45:59	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:09	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:13	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:27	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:31	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:36	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:47	EST	100	3.7	CAD	TSX
November 15, 2018	14:46:53	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:01	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:03	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:11	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:19	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:19	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:27	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:35	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:37	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:46	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:51	EST	100	3.7	CAD	TSX
November 15, 2018	14:47:56	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:03	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:09	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:11	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:21	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:25	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:29	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:39	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:41	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:47	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:56	EST	100	3.7	CAD	TSX
November 15, 2018	14:48:57	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:06	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:13	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:21	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:31	EST	100	3.7	CAD	TSX

November 15, 2018	14:49:39	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:47	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:49	EST	100	3.7	CAD	TSX
November 15, 2018	14:49:57	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:03	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:06	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:16	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:19	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:23	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:33	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:34	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:49	EST	100	3.7	CAD	TSX
November 15, 2018	14:50:52	EST	100	3.7	CAD	TSX
November 15, 2018	14:51:07	EST	100	3.7	CAD	TSX
November 15, 2018	14:51:08	EST	100	3.7	CAD	TSX
November 15, 2018	14:51:11	EST	3400	3.7	CAD	TSX
November 15, 2018	14:51:11	EST	5900	3.7	CAD	TSX
November 15, 2018	14:51:11	EST	400	3.7	CAD	TSX
November 16, 2018	09:49:57	EST	3000	3.73	CAD	Alpha
November 16, 2018	09:49:57	EST	5000	3.73	CAD	Alpha
November 16, 2018	09:49:57	EST	100	3.73	CAD	Alpha
November 16, 2018	09:49:57	EST	500	3.73	CAD	TSX
November 16, 2018	09:49:57	EST	500	3.73	CAD	TSX
November 16, 2018	09:49:57	EST	500	3.73	CAD	TSX
November 16, 2018	09:49:57	EST	100	3.73	CAD	TSX
November 16, 2018	09:49:57	EST	100	3.73	CAD	Chi-X
November 16, 2018	09:49:57	EST	200	3.73	CAD	TSX
November 16, 2018	09:50:37	EST	4700	3.72	CAD	TSX
November 16, 2018	09:50:37	EST	2800	3.72	CAD	TSX
November 16, 2018	09:50:38	EST	7500	3.71	CAD	TSX
November 16, 2018	10:08:10	EST	5000	3.75	CAD	TSX
November 16, 2018	10:52:36	EST	7500	3.75	CAD	TSX
November 16, 2018	10:58:07	EST	3200	3.74	CAD	TSX
November 16, 2018	10:58:07	EST	200	3.74	CAD	TSX
November 16, 2018	10:58:07	EST	500	3.74	CAD	TSX
November 16, 2018	10:58:07	EST	1100	3.74	CAD	TSX
November 16, 2018	10:58:07	EST	2000	3.74	CAD	TSX
November 16, 2018	10:58:07	EST	500	3.74	CAD	TSX
November 16, 2018	10:58:22	EST	1100	3.73	CAD	TSX
November 16, 2018	10:58:22	EST	1000	3.73	CAD	TSX
November 16, 2018	10:58:22	EST	200	3.73	CAD	TSX
November 16, 2018	10:58:22	EST	100	3.73	CAD	TSX
November 16, 2018	10:58:23	EST	500	3.73	CAD	TSX
November 16, 2018	10:58:23	EST	100	3.73	CAD	TSX
November 16, 2018	10:58:23	EST	2000	3.73	CAD	TSX
November 16, 2018	11:12:13	EST	2900	3.72	CAD	TSX
November 16, 2018	11:12:13	EST	500	3.72	CAD	TSX
November 16, 2018	11:12:13	EST	200	3.72	CAD	TSX
November 16, 2018	11:12:13	EST	700	3.72	CAD	TSX
November 16, 2018	11:12:13	EST	700	3.72	CAD	TSX

November 16, 2018	11:21:27	EST	100	3.71	CAD	TSX
November 16, 2018	11:21:27	EST	1800	3.71	CAD	TSX
November 16, 2018	11:21:27	EST	1100	3.71	CAD	TSX
November 16, 2018	11:21:27	EST	2000	3.71	CAD	TSX
November 16, 2018	11:22:09	EST	4600	3.7	CAD	TSX
November 16, 2018	11:22:09	EST	1000	3.7	CAD	TSX
November 16, 2018	11:22:09	EST	1000	3.7	CAD	TSX
November 16, 2018	11:22:31	EST	100	3.7	CAD	TSX
November 16, 2018	11:22:31	EST	100	3.7	CAD	TSX
November 16, 2018	11:22:31	EST	200	3.7	CAD	TSX
November 16, 2018	11:22:31	EST	500	3.7	CAD	TSX
November 16, 2018	11:39:25	EST	600	3.69	CAD	TSX
November 16, 2018	11:39:25	EST	900	3.69	CAD	TSX
November 16, 2018	11:39:25	EST	1000	3.69	CAD	TSX
November 16, 2018	11:39:46	EST	2200	3.69	CAD	TSX
November 16, 2018	11:59:44	EST	200	3.69	CAD	TSX
November 16, 2018	11:59:44	EST	500	3.69	CAD	TSX
November 16, 2018	11:59:44	EST	200	3.69	CAD	TSX
November 16, 2018	12:08:10	EST	600	3.69	CAD	TSX
November 16, 2018	12:16:27	EST	800	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	1900	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	700	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	1500	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	2200	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	200	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	600	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	500	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	1300	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	400	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	100	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	100	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	100	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	500	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	100	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	400	3.69	CAD	TSX
November 16, 2018	12:27:46	EST	2400	3.69	CAD	TSX
November 16, 2018	12:27:59	EST	3000	3.68	CAD	TSX
November 16, 2018	12:33:17	EST	2300	3.67	CAD	TSX
November 16, 2018	12:33:18	EST	1200	3.67	CAD	TSX
November 16, 2018	12:33:18	EST	500	3.67	CAD	TSX
November 16, 2018	13:04:36	EST	500	3.72	CAD	TSX
November 16, 2018	13:04:36	EST	3600	3.72	CAD	TSX
November 16, 2018	13:04:36	EST	300	3.72	CAD	TSX
November 16, 2018	13:04:36	EST	100	3.72	CAD	TSX
November 16, 2018	13:04:36	EST	2500	3.72	CAD	TSX
November 16, 2018	13:17:49	EST	5000	3.72	CAD	TSX
November 16, 2018	13:17:49	EST	7000	3.71	CAD	TSX
November 16, 2018	13:17:49	EST	7000	3.71	CAD	TSX
November 16, 2018	13:23:31	EST	300	3.7	CAD	TSX
November 16, 2018	13:23:31	EST	500	3.7	CAD	TSX

November 16, 2018	13:23:31	EST	100	3.7	CAD	TSX
November 16, 2018	13:23:31	EST	400	3.7	CAD	TSX
November 16, 2018	13:23:31	EST	400	3.7	CAD	TSX
November 16, 2018	13:24:03	EST	600	3.7	CAD	TSX
November 16, 2018	13:26:47	EST	300	3.7	CAD	TSX
November 16, 2018	13:26:49	EST	600	3.7	CAD	TSX
November 16, 2018	13:34:13	EST	2800	3.7	CAD	TSX
November 16, 2018	13:34:13	EST	6000	3.69	CAD	TSX
November 16, 2018	14:25:59	EST	200	3.7	CAD	TSX
November 16, 2018	14:25:59	EST	100	3.7	CAD	TSX
November 16, 2018	14:25:59	EST	100	3.7	CAD	TSX
November 16, 2018	14:25:59	EST	100	3.7	CAD	TSX
November 16, 2018	14:25:59	EST	100	3.7	CAD	TSX
November 16, 2018	14:25:59	EST	200	3.7	CAD	TSX
November 16, 2018	14:25:59	EST	100	3.7	CAD	TSX
November 16, 2018	14:26:51	EST	1600	3.7	CAD	TSX
November 16, 2018	14:48:32	EST	4500	3.7	CAD	TSX
November 16, 2018	14:48:32	EST	4700	3.69	CAD	TSX
November 16, 2018	14:48:32	EST	4	3.69	CAD	TSX
November 16, 2018	15:15:09	EST	100	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	900	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	100	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	100	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	100	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	400	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	100	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	600	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	600	3.71	CAD	Chi-X
November 16, 2018	15:15:09	EST	1000	3.71	CAD	Chi-X
November 16, 2018	15:15:09	EST	100	3.71	CAD	Chi-X
November 16, 2018	15:15:09	EST	100	3.71	CAD	Chi-X
November 16, 2018	15:15:09	EST	2200	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	700	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	900	3.71	CAD	TSX
November 16, 2018	15:15:09	EST	500	3.71	CAD	Chi-X