

GRAN TIERRA ENERGY INC.

Company Announcement – Transaction in Own Shares

December 17, 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 December 10 through December 13, 2018:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
December 10, 2018	152,704	\$3.31	\$505,608.36
December 11, 2018	152,704	\$3.27	\$499,990.00
December 12, 2018	152,704	\$3.33	\$508,236.98
December 13, 2018	124,849	\$3.26	\$406,908.74

Exchange Aggregated Data

	Platform	Dec. 10, 2018	Dec. 11, 2018	Dec. 12, 2018	Dec. 13, 2018
Daily Total Volume	TSX	119,104	124,604	73,604	102,200
	Pure	0	0	0	0
	Chi-X	0	900	0	0
	Omega	0	800	0	0
	TriAct	33,600	26,400	79,100	22,649
	Alpha	0	0	0	0
	CNSX	0	0	0	0
	LYNX	0	0	0	0
	NEO	0	0	0	0
Volume weighted average price (CAD)	TSX	\$3.31	\$3.27	\$3.33	\$3.26
	Pure	-	-	-	-
	Chi-X	-	\$3.28	-	-
	Omega	-	\$3.24	-	-
	TriAct	\$3.31	\$3.28	\$3.33	\$3.26
	Alpha	-	-	-	-
	CNSX	-	-	-	-
	LYNX	-	-	-	-
	NEO	-	-	-	-

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 387,079,027 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

Date	Transaction Time	Time Zone	Volume	Price	Currency	Platform
December 10, 2018	09:34:15	EST	1000	3.36	CAD	TSX
December 10, 2018	09:34:15	EST	900	3.36	CAD	TSX
December 10, 2018	09:34:15	EST	1600	3.36	CAD	TSX
December 10, 2018	09:34:15	EST	1100	3.36	CAD	TSX
December 10, 2018	09:34:15	EST	400	3.36	CAD	TSX
December 10, 2018	09:34:17	EST	200	3.35	CAD	TSX
December 10, 2018	09:45:31	EST	1600	3.35	CAD	TSX
December 10, 2018	09:45:31	EST	3200	3.35	CAD	TSX
December 10, 2018	09:47:50	EST	600	3.33	CAD	TSX
December 10, 2018	09:48:34	EST	200	3.33	CAD	TSX
December 10, 2018	09:48:59	EST	2400	3.33	CAD	TSX
December 10, 2018	09:48:59	EST	1800	3.33	CAD	TSX
December 10, 2018	10:21:32	EST	400	3.345	CAD	TriAct
December 10, 2018	10:21:32	EST	200	3.345	CAD	TriAct
December 10, 2018	10:21:32	EST	1100	3.345	CAD	TriAct
December 10, 2018	10:22:10	EST	200	3.345	CAD	TriAct
December 10, 2018	10:22:10	EST	200	3.345	CAD	TriAct
December 10, 2018	10:22:23	EST	100	3.34	CAD	TSX
December 10, 2018	10:23:03	EST	100	3.34	CAD	TSX
December 10, 2018	10:23:03	EST	1500	3.34	CAD	TSX
December 10, 2018	10:23:03	EST	2300	3.34	CAD	TSX
December 10, 2018	10:23:03	EST	800	3.34	CAD	TSX
December 10, 2018	10:23:03	EST	200	3.34	CAD	TSX
December 10, 2018	10:32:05	EST	100	3.34	CAD	TSX
December 10, 2018	10:32:05	EST	100	3.34	CAD	TSX
December 10, 2018	10:34:44	EST	100	3.34	CAD	TSX
December 10, 2018	10:34:44	EST	4	3.34	CAD	TSX
December 10, 2018	10:34:44	EST	5300	3.34	CAD	TSX
December 10, 2018	10:40:02	EST	500	3.32	CAD	TSX
December 10, 2018	10:40:30	EST	100	3.32	CAD	TSX
December 10, 2018	10:40:30	EST	1400	3.32	CAD	TSX
December 10, 2018	10:40:47	EST	100	3.32	CAD	TSX
December 10, 2018	10:41:00	EST	1300	3.32	CAD	TSX
December 10, 2018	10:41:12	EST	100	3.32	CAD	TSX
December 10, 2018	10:41:34	EST	300	3.32	CAD	TSX
December 10, 2018	10:41:34	EST	200	3.32	CAD	TSX
December 10, 2018	10:41:34	EST	1200	3.32	CAD	TSX
December 10, 2018	10:42:16	EST	100	3.32	CAD	TSX
December 10, 2018	10:42:47	EST	100	3.32	CAD	TSX
December 10, 2018	10:43:08	EST	100	3.32	CAD	TSX
December 10, 2018	10:43:31	EST	1300	3.32	CAD	TSX
December 10, 2018	10:43:46	EST	500	3.32	CAD	TSX
December 10, 2018	10:44:22	EST	200	3.32	CAD	TSX
December 10, 2018	10:44:30	EST	400	3.32	CAD	TSX
December 10, 2018	10:44:35	EST	200	3.32	CAD	TSX
December 10, 2018	10:50:30	EST	500	3.32	CAD	TSX
December 10, 2018	10:50:55	EST	100	3.32	CAD	TSX
December 10, 2018	10:50:55	EST	100	3.32	CAD	TSX

December 10, 2018	10:52:02	EST	1000	3.32	CAD	TSX
December 10, 2018	10:52:25	EST	200	3.32	CAD	TSX
December 10, 2018	10:52:26	EST	900	3.32	CAD	TSX
December 10, 2018	10:52:26	EST	1600	3.32	CAD	TSX
December 10, 2018	10:59:36	EST	100	3.31	CAD	TSX
December 10, 2018	10:59:36	EST	4000	3.31	CAD	TSX
December 10, 2018	10:59:36	EST	3400	3.31	CAD	TSX
December 10, 2018	11:04:18	EST	1100	3.3	CAD	TSX
December 10, 2018	11:04:18	EST	8900	3.3	CAD	TSX
December 10, 2018	11:08:31	EST	700	3.29	CAD	TSX
December 10, 2018	11:08:31	EST	200	3.29	CAD	TSX
December 10, 2018	11:08:31	EST	2400	3.29	CAD	TSX
December 10, 2018	11:08:31	EST	1000	3.29	CAD	TSX
December 10, 2018	11:08:31	EST	2100	3.29	CAD	TSX
December 10, 2018	11:08:31	EST	1000	3.29	CAD	TSX
December 10, 2018	11:08:32	EST	6800	3.29	CAD	TSX
December 10, 2018	11:08:32	EST	800	3.29	CAD	TSX
December 10, 2018	11:23:27	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:27	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:27	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:27	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:27	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:27	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:28	EST	100	3.295	CAD	TriAct
December 10, 2018	11:23:29	EST	100	3.295	CAD	TriAct
December 10, 2018	11:42:34	EST	200	3.3	CAD	TSX
December 10, 2018	11:42:36	EST	200	3.3	CAD	TSX
December 10, 2018	11:47:08	EST	100	3.3	CAD	TSX
December 10, 2018	11:47:10	EST	300	3.3	CAD	TSX
December 10, 2018	11:48:27	EST	100	3.3	CAD	TSX
December 10, 2018	11:49:17	EST	100	3.3	CAD	TSX
December 10, 2018	11:49:18	EST	100	3.3	CAD	TSX
December 10, 2018	11:49:38	EST	100	3.3	CAD	TSX
December 10, 2018	11:50:41	EST	100	3.3	CAD	TSX
December 10, 2018	11:57:52	EST	100	3.3	CAD	TSX
December 10, 2018	11:58:31	EST	100	3.3	CAD	TSX
December 10, 2018	11:58:31	EST	400	3.3	CAD	TSX
December 10, 2018	11:58:31	EST	800	3.3	CAD	TSX
December 10, 2018	11:58:31	EST	5600	3.3	CAD	TSX
December 10, 2018	12:05:43	EST	1900	3.29	CAD	TSX
December 10, 2018	12:05:53	EST	400	3.29	CAD	TSX

December 10, 2018	12:05:59	EST	100	3.29	CAD	TSX
December 10, 2018	12:24:06	EST	100	3.29	CAD	TSX
December 10, 2018	12:32:41	EST	200	3.29	CAD	TSX
December 10, 2018	12:33:43	EST	400	3.29	CAD	TSX
December 10, 2018	12:33:54	EST	500	3.29	CAD	TSX
December 10, 2018	12:33:59	EST	400	3.29	CAD	TSX
December 10, 2018	12:40:53	EST	7500	3.305	CAD	TriAct
December 10, 2018	12:58:43	EST	8500	3.3	CAD	TSX
December 10, 2018	12:58:43	EST	200	3.3	CAD	TSX
December 10, 2018	12:58:43	EST	1300	3.3	CAD	TSX
December 10, 2018	13:12:43	EST	400	3.29	CAD	TSX
December 10, 2018	13:14:22	EST	200	3.29	CAD	TSX
December 10, 2018	13:27:41	EST	200	3.29	CAD	TSX
December 10, 2018	13:28:03	EST	100	3.29	CAD	TSX
December 10, 2018	13:28:03	EST	1100	3.29	CAD	TSX
December 10, 2018	13:28:03	EST	100	3.29	CAD	TSX
December 10, 2018	13:28:03	EST	2300	3.29	CAD	TSX
December 10, 2018	13:28:04	EST	1600	3.29	CAD	TSX
December 10, 2018	13:38:33	EST	300	3.31	CAD	TSX
December 10, 2018	13:39:11	EST	10000	3.315	CAD	TriAct
December 10, 2018	13:39:43	EST	400	3.31	CAD	TSX
December 10, 2018	13:39:44	EST	200	3.31	CAD	TSX
December 10, 2018	13:39:54	EST	100	3.31	CAD	TSX
December 10, 2018	13:39:57	EST	200	3.31	CAD	TSX
December 10, 2018	13:43:49	EST	400	3.31	CAD	TSX
December 10, 2018	13:43:50	EST	200	3.31	CAD	TSX
December 10, 2018	13:44:07	EST	100	3.31	CAD	TSX
December 10, 2018	13:45:14	EST	1800	3.31	CAD	TSX
December 10, 2018	13:45:15	EST	300	3.31	CAD	TSX
December 10, 2018	13:45:32	EST	100	3.31	CAD	TSX
December 10, 2018	13:46:38	EST	100	3.31	CAD	TSX
December 10, 2018	13:52:51	EST	200	3.315	CAD	TriAct
December 10, 2018	13:52:51	EST	8700	3.315	CAD	TriAct
December 10, 2018	13:53:13	EST	1100	3.315	CAD	TriAct
December 10, 2018	13:53:42	EST	100	3.31	CAD	TSX
December 10, 2018	13:59:21	EST	600	3.31	CAD	TSX
December 10, 2018	13:59:21	EST	400	3.31	CAD	TSX
December 10, 2018	13:59:21	EST	100	3.31	CAD	TSX
December 10, 2018	13:59:30	EST	100	3.31	CAD	TSX
December 10, 2018	14:00:55	EST	700	3.31	CAD	TSX
December 10, 2018	14:00:55	EST	100	3.31	CAD	TSX
December 10, 2018	14:00:55	EST	300	3.31	CAD	TSX
December 10, 2018	14:01:34	EST	5900	3.31	CAD	TSX
December 10, 2018	14:22:04	EST	500	3.29	CAD	TSX
December 10, 2018	14:22:12	EST	800	3.29	CAD	TSX
December 10, 2018	14:22:12	EST	1300	3.29	CAD	TSX
December 10, 2018	14:22:19	EST	100	3.29	CAD	TSX
December 10, 2018	14:23:55	EST	1000	3.29	CAD	TSX
December 10, 2018	14:25:02	EST	300	3.29	CAD	TSX
December 10, 2018	14:28:37	EST	1100	3.29	CAD	TSX

December 10, 2018	14:31:06	EST	2000	3.295	CAD	TriAct
December 10, 2018	14:31:15	EST	100	3.295	CAD	TriAct
December 10, 2018	14:31:15	EST	100	3.295	CAD	TriAct
December 10, 2018	14:31:15	EST	100	3.295	CAD	TriAct
December 10, 2018	14:49:18	EST	2600	3.3	CAD	TSX
December 11, 2018	09:32:53	EST	5000	3.35	CAD	TSX
December 11, 2018	09:36:44	EST	100	3.33	CAD	TSX
December 11, 2018	09:36:50	EST	100	3.33	CAD	TSX
December 11, 2018	09:37:01	EST	1000	3.33	CAD	TSX
December 11, 2018	09:37:06	EST	100	3.33	CAD	TSX
December 11, 2018	09:37:42	EST	100	3.33	CAD	TSX
December 11, 2018	09:37:46	EST	100	3.33	CAD	TSX
December 11, 2018	09:37:53	EST	100	3.33	CAD	TSX
December 11, 2018	09:37:59	EST	100	3.33	CAD	TSX
December 11, 2018	09:38:58	EST	2200	3.33	CAD	TSX
December 11, 2018	09:38:58	EST	500	3.33	CAD	TSX
December 11, 2018	09:38:58	EST	600	3.33	CAD	TSX
December 11, 2018	09:40:06	EST	100	3.31	CAD	TSX
December 11, 2018	09:43:02	EST	100	3.31	CAD	TSX
December 11, 2018	09:43:19	EST	100	3.31	CAD	TSX
December 11, 2018	09:43:58	EST	100	3.31	CAD	TSX
December 11, 2018	09:44:01	EST	100	3.31	CAD	TSX
December 11, 2018	09:45:15	EST	100	3.31	CAD	TSX
December 11, 2018	09:45:29	EST	500	3.31	CAD	TSX
December 11, 2018	09:45:29	EST	2000	3.31	CAD	TSX
December 11, 2018	09:45:29	EST	1900	3.31	CAD	TSX
December 11, 2018	09:58:00	EST	500	3.29	CAD	TSX
December 11, 2018	09:58:56	EST	100	3.29	CAD	TSX
December 11, 2018	09:59:09	EST	100	3.29	CAD	TSX
December 11, 2018	09:59:34	EST	200	3.29	CAD	TSX
December 11, 2018	09:59:34	EST	100	3.29	CAD	TSX
December 11, 2018	09:59:51	EST	600	3.29	CAD	TSX
December 11, 2018	09:59:51	EST	100	3.29	CAD	TSX
December 11, 2018	10:00:54	EST	100	3.29	CAD	TSX
December 11, 2018	10:01:41	EST	100	3.29	CAD	TSX
December 11, 2018	10:01:41	EST	100	3.29	CAD	TSX
December 11, 2018	10:01:49	EST	100	3.29	CAD	TSX
December 11, 2018	10:03:29	EST	100	3.29	CAD	TSX
December 11, 2018	10:03:55	EST	2800	3.29	CAD	TSX
December 11, 2018	10:11:21	EST	5000	3.28	CAD	TSX
December 11, 2018	10:11:21	EST	5000	3.27	CAD	TSX
December 11, 2018	10:28:45	EST	100	3.27	CAD	TSX
December 11, 2018	10:29:10	EST	200	3.275	CAD	TriAct
December 11, 2018	10:29:14	EST	200	3.275	CAD	TriAct
December 11, 2018	10:29:15	EST	100	3.275	CAD	TriAct
December 11, 2018	10:31:23	EST	300	3.28	CAD	TSX
December 11, 2018	10:31:23	EST	100	3.28	CAD	TSX
December 11, 2018	10:31:23	EST	100	3.28	CAD	TSX
December 11, 2018	10:31:23	EST	700	3.28	CAD	TSX
December 11, 2018	10:31:23	EST	400	3.28	CAD	TSX

December 11, 2018	10:31:23	EST	900	3.28	CAD	Chi-X
December 11, 2018	10:35:13	EST	100	3.275	CAD	TriAct
December 11, 2018	10:35:35	EST	100	3.275	CAD	TriAct
December 11, 2018	10:35:35	EST	100	3.275	CAD	TriAct
December 11, 2018	10:35:37	EST	100	3.275	CAD	TriAct
December 11, 2018	10:36:40	EST	1500	3.275	CAD	TriAct
December 11, 2018	10:36:40	EST	2700	3.275	CAD	TriAct
December 11, 2018	10:36:40	EST	200	3.275	CAD	TriAct
December 11, 2018	10:36:40	EST	100	3.275	CAD	TriAct
December 11, 2018	10:36:40	EST	100	3.275	CAD	TriAct
December 11, 2018	10:36:40	EST	2800	3.27	CAD	TSX
December 11, 2018	10:36:40	EST	600	3.27	CAD	TSX
December 11, 2018	10:36:40	EST	2100	3.27	CAD	TSX
December 11, 2018	10:36:40	EST	300	3.27	CAD	TSX
December 11, 2018	10:36:40	EST	3300	3.27	CAD	TSX
December 11, 2018	10:36:40	EST	800	3.27	CAD	TSX
December 11, 2018	10:54:26	EST	100	3.295	CAD	TriAct
December 11, 2018	10:54:53	EST	100	3.295	CAD	TriAct
December 11, 2018	10:55:17	EST	100	3.295	CAD	TriAct
December 11, 2018	10:55:47	EST	100	3.295	CAD	TriAct
December 11, 2018	10:56:11	EST	100	3.295	CAD	TriAct
December 11, 2018	10:56:36	EST	100	3.295	CAD	TriAct
December 11, 2018	10:57:07	EST	100	3.295	CAD	TriAct
December 11, 2018	10:57:31	EST	100	3.295	CAD	TriAct
December 11, 2018	10:57:56	EST	100	3.295	CAD	TriAct
December 11, 2018	11:18:38	EST	100	3.305	CAD	TriAct
December 11, 2018	11:19:08	EST	100	3.305	CAD	TriAct
December 11, 2018	11:19:33	EST	100	3.305	CAD	TriAct
December 11, 2018	11:20:03	EST	100	3.305	CAD	TriAct
December 11, 2018	11:20:33	EST	100	3.305	CAD	TriAct
December 11, 2018	11:20:57	EST	100	3.305	CAD	TriAct
December 11, 2018	11:21:28	EST	100	3.305	CAD	TriAct
December 11, 2018	11:21:52	EST	100	3.305	CAD	TriAct
December 11, 2018	11:22:08	EST	600	3.305	CAD	TriAct
December 11, 2018	11:22:23	EST	100	3.305	CAD	TriAct
December 11, 2018	11:46:51	EST	500	3.3	CAD	TSX
December 11, 2018	11:53:23	EST	100	3.3	CAD	TSX
December 11, 2018	11:53:29	EST	300	3.3	CAD	TSX
December 11, 2018	12:00:32	EST	200	3.3	CAD	TSX
December 11, 2018	12:00:40	EST	500	3.3	CAD	TSX
December 11, 2018	12:00:40	EST	2100	3.3	CAD	TSX
December 11, 2018	12:00:40	EST	600	3.3	CAD	TSX
December 11, 2018	12:04:08	EST	100	3.3	CAD	TSX
December 11, 2018	12:04:13	EST	600	3.3	CAD	TSX
December 11, 2018	12:10:24	EST	300	3.29	CAD	TSX
December 11, 2018	12:10:24	EST	100	3.29	CAD	TSX
December 11, 2018	12:10:32	EST	4600	3.29	CAD	TSX
December 11, 2018	12:14:25	EST	100	3.28	CAD	TSX
December 11, 2018	12:14:57	EST	100	3.28	CAD	TSX
December 11, 2018	12:15:51	EST	100	3.28	CAD	TSX

December 11, 2018	12:15:53	EST	100	3.28	CAD	TSX
December 11, 2018	12:15:56	EST	200	3.28	CAD	TSX
December 11, 2018	12:17:34	EST	100	3.28	CAD	TSX
December 11, 2018	12:18:06	EST	100	3.28	CAD	TSX
December 11, 2018	12:18:06	EST	100	3.28	CAD	TSX
December 11, 2018	12:18:07	EST	200	3.28	CAD	TSX
December 11, 2018	12:18:08	EST	100	3.28	CAD	TSX
December 11, 2018	12:18:08	EST	100	3.28	CAD	TSX
December 11, 2018	12:18:08	EST	100	3.28	CAD	TSX
December 11, 2018	12:18:40	EST	100	3.28	CAD	TSX
December 11, 2018	12:19:51	EST	100	3.28	CAD	TSX
December 11, 2018	12:20:34	EST	400	3.28	CAD	TSX
December 11, 2018	12:20:34	EST	3000	3.28	CAD	TSX
December 11, 2018	12:38:45	EST	100	3.275	CAD	TriAct
December 11, 2018	12:38:57	EST	100	3.275	CAD	TriAct
December 11, 2018	12:39:25	EST	100	3.275	CAD	TriAct
December 11, 2018	12:41:31	EST	100	3.275	CAD	TriAct
December 11, 2018	12:42:36	EST	500	3.275	CAD	TriAct
December 11, 2018	12:43:35	EST	100	3.275	CAD	TriAct
December 11, 2018	12:45:36	EST	100	3.275	CAD	TriAct
December 11, 2018	12:45:41	EST	100	3.275	CAD	TriAct
December 11, 2018	12:58:13	EST	2900	3.27	CAD	TSX
December 11, 2018	12:59:25	EST	900	3.27	CAD	TSX
December 11, 2018	12:59:25	EST	100	3.27	CAD	TSX
December 11, 2018	12:59:25	EST	500	3.27	CAD	TSX
December 11, 2018	12:59:25	EST	100	3.27	CAD	TSX
December 11, 2018	12:59:25	EST	600	3.27	CAD	TSX
December 11, 2018	13:02:11	EST	100	3.27	CAD	TSX
December 11, 2018	13:06:20	EST	3500	3.27	CAD	TSX
December 11, 2018	13:06:20	EST	100	3.27	CAD	TSX
December 11, 2018	13:09:14	EST	100	3.27	CAD	TSX
December 11, 2018	13:11:40	EST	300	3.27	CAD	TSX
December 11, 2018	13:13:11	EST	100	3.27	CAD	TSX
December 11, 2018	13:13:11	EST	600	3.27	CAD	TSX
December 11, 2018	13:13:11	EST	100	3.27	CAD	TSX
December 11, 2018	13:13:35	EST	1000	3.27	CAD	TSX
December 11, 2018	13:13:36	EST	600	3.27	CAD	TSX
December 11, 2018	13:13:36	EST	100	3.27	CAD	TSX
December 11, 2018	13:13:38	EST	400	3.27	CAD	TSX
December 11, 2018	13:13:42	EST	100	3.27	CAD	TSX
December 11, 2018	13:13:57	EST	1000	3.27	CAD	TSX
December 11, 2018	13:13:57	EST	100	3.27	CAD	TSX
December 11, 2018	13:14:01	EST	1000	3.27	CAD	TSX
December 11, 2018	13:14:02	EST	100	3.27	CAD	TSX
December 11, 2018	13:14:08	EST	200	3.27	CAD	TSX
December 11, 2018	13:14:08	EST	100	3.27	CAD	TSX
December 11, 2018	13:14:18	EST	100	3.27	CAD	TSX
December 11, 2018	13:15:13	EST	100	3.27	CAD	TSX
December 11, 2018	13:15:17	EST	200	3.27	CAD	TSX
December 11, 2018	13:15:41	EST	3500	3.27	CAD	TSX

December 11, 2018	13:15:41	EST	600	3.27	CAD	TSX
December 11, 2018	13:15:41	EST	100	3.27	CAD	TSX
December 11, 2018	13:15:44	EST	100	3.27	CAD	TSX
December 11, 2018	13:15:45	EST	100	3.27	CAD	TSX
December 11, 2018	13:16:37	EST	200	3.27	CAD	TSX
December 11, 2018	13:17:05	EST	100	3.27	CAD	TSX
December 11, 2018	13:18:16	EST	500	3.27	CAD	TSX
December 11, 2018	13:18:16	EST	300	3.27	CAD	TSX
December 11, 2018	13:18:17	EST	100	3.27	CAD	TSX
December 11, 2018	13:27:14	EST	400	3.27	CAD	TSX
December 11, 2018	13:29:25	EST	1800	3.27	CAD	TSX
December 11, 2018	13:29:25	EST	1800	3.27	CAD	TSX
December 11, 2018	13:30:31	EST	300	3.265	CAD	TriAct
December 11, 2018	13:30:38	EST	100	3.265	CAD	TriAct
December 11, 2018	13:30:44	EST	100	3.265	CAD	TriAct
December 11, 2018	13:30:48	EST	100	3.265	CAD	TriAct
December 11, 2018	13:30:52	EST	100	3.265	CAD	TriAct
December 11, 2018	13:30:59	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:05	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:09	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:13	EST	500	3.265	CAD	TriAct
December 11, 2018	13:31:14	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:20	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:24	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:30	EST	100	3.265	CAD	TriAct
December 11, 2018	13:31:44	EST	100	3.265	CAD	TriAct
December 11, 2018	13:40:21	EST	100	3.26	CAD	TSX
December 11, 2018	13:40:27	EST	1400	3.26	CAD	TSX
December 11, 2018	13:40:27	EST	9500	3.26	CAD	TSX
December 11, 2018	13:40:27	EST	400	3.26	CAD	TSX
December 11, 2018	13:45:40	EST	500	3.25	CAD	TSX
December 11, 2018	13:45:40	EST	2900	3.25	CAD	TSX
December 11, 2018	13:45:40	EST	1700	3.25	CAD	TSX
December 11, 2018	13:45:41	EST	100	3.25	CAD	TSX
December 11, 2018	13:45:42	EST	2000	3.25	CAD	TSX
December 11, 2018	13:45:42	EST	200	3.25	CAD	TSX
December 11, 2018	13:45:43	EST	100	3.25	CAD	TSX
December 11, 2018	13:45:43	EST	100	3.25	CAD	TSX
December 11, 2018	13:46:36	EST	3500	3.25	CAD	TSX
December 11, 2018	13:46:36	EST	600	3.25	CAD	TSX
December 11, 2018	13:46:39	EST	100	3.25	CAD	TSX
December 11, 2018	13:46:55	EST	100	3.25	CAD	TSX
December 11, 2018	13:49:47	EST	100	3.25	CAD	TSX
December 11, 2018	13:51:42	EST	100	3.25	CAD	TSX
December 11, 2018	13:52:04	EST	100	3.25	CAD	TSX
December 11, 2018	13:52:07	EST	100	3.25	CAD	TSX
December 11, 2018	13:52:34	EST	100	3.25	CAD	TSX
December 11, 2018	13:52:54	EST	200	3.25	CAD	TSX
December 11, 2018	13:52:54	EST	300	3.25	CAD	TSX
December 11, 2018	13:52:54	EST	300	3.25	CAD	TSX

December 11, 2018	13:52:57	EST	100	3.25	CAD	TSX
December 11, 2018	13:52:58	EST	100	3.25	CAD	TSX
December 11, 2018	13:53:04	EST	100	3.25	CAD	TSX
December 11, 2018	13:53:16	EST	200	3.25	CAD	TSX
December 11, 2018	13:53:16	EST	100	3.25	CAD	TSX
December 11, 2018	13:53:32	EST	100	3.25	CAD	TSX
December 11, 2018	13:53:37	EST	100	3.25	CAD	TSX
December 11, 2018	13:53:45	EST	100	3.25	CAD	TSX
December 11, 2018	13:54:02	EST	100	3.25	CAD	TSX
December 11, 2018	13:54:07	EST	100	3.25	CAD	TSX
December 11, 2018	13:54:07	EST	300	3.25	CAD	TSX
December 11, 2018	13:54:07	EST	100	3.25	CAD	TSX
December 11, 2018	13:54:07	EST	500	3.25	CAD	TSX
December 11, 2018	13:54:09	EST	100	3.25	CAD	TSX
December 11, 2018	13:54:32	EST	200	3.25	CAD	TSX
December 11, 2018	13:54:39	EST	100	3.25	CAD	TSX
December 11, 2018	13:54:52	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:06	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:07	EST	1100	3.25	CAD	TSX
December 11, 2018	13:55:08	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:08	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:08	EST	200	3.25	CAD	TSX
December 11, 2018	13:55:10	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:26	EST	200	3.25	CAD	TSX
December 11, 2018	13:55:40	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:55	EST	400	3.25	CAD	TSX
December 11, 2018	13:55:55	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:55	EST	100	3.25	CAD	TSX
December 11, 2018	13:55:59	EST	100	3.25	CAD	TSX
December 11, 2018	13:56:11	EST	100	3.25	CAD	TSX
December 11, 2018	13:56:11	EST	200	3.25	CAD	TSX
December 11, 2018	13:56:16	EST	100	3.25	CAD	TSX
December 11, 2018	13:56:34	EST	300	3.25	CAD	TSX
December 11, 2018	13:56:43	EST	100	3.25	CAD	TSX
December 11, 2018	13:56:58	EST	100	3.25	CAD	TSX
December 11, 2018	13:57:00	EST	300	3.25	CAD	TSX
December 11, 2018	13:57:13	EST	100	3.25	CAD	TSX
December 11, 2018	13:57:28	EST	300	3.25	CAD	TSX
December 11, 2018	13:57:28	EST	100	3.25	CAD	TSX
December 11, 2018	13:57:37	EST	4	3.25	CAD	TSX
December 11, 2018	13:57:37	EST	400	3.25	CAD	TSX
December 11, 2018	13:58:06	EST	2100	3.24	CAD	TSX
December 11, 2018	13:58:06	EST	100	3.24	CAD	TSX
December 11, 2018	14:00:19	EST	100	3.24	CAD	TSX
December 11, 2018	14:00:19	EST	300	3.24	CAD	TSX
December 11, 2018	14:00:21	EST	400	3.24	CAD	TSX
December 11, 2018	14:02:33	EST	200	3.24	CAD	TSX
December 11, 2018	14:03:38	EST	100	3.24	CAD	TSX
December 11, 2018	14:04:32	EST	3500	3.24	CAD	TSX
December 11, 2018	14:04:32	EST	500	3.24	CAD	TSX

December 11, 2018	14:04:53	EST	200	3.24	CAD	TSX
December 11, 2018	14:18:18	EST	100	3.235	CAD	TriAct
December 11, 2018	14:18:21	EST	100	3.235	CAD	TriAct
December 11, 2018	14:18:44	EST	100	3.235	CAD	TriAct
December 11, 2018	14:21:50	EST	200	3.24	CAD	Omega
December 11, 2018	14:21:50	EST	600	3.24	CAD	Omega
December 11, 2018	14:21:50	EST	100	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	200	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	200	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	100	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	100	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	100	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	300	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	300	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	300	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	1000	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	400	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	400	3.24	CAD	TSX
December 11, 2018	14:21:50	EST	400	3.24	CAD	TSX
December 11, 2018	14:30:40	EST	5000	3.275	CAD	TriAct
December 11, 2018	14:31:40	EST	10000	3.275	CAD	TriAct
December 12, 2018	09:50:54	EST	12500	3.295	CAD	TriAct
December 12, 2018	09:52:00	EST	800	3.29	CAD	TSX
December 12, 2018	09:54:19	EST	5500	3.305	CAD	TriAct
December 12, 2018	09:54:46	EST	500	3.305	CAD	TriAct
December 12, 2018	09:55:19	EST	600	3.305	CAD	TriAct
December 12, 2018	10:02:28	EST	7500	3.315	CAD	TriAct
December 12, 2018	10:05:53	EST	5000	3.31	CAD	TSX
December 12, 2018	10:21:42	EST	600	3.335	CAD	TriAct
December 12, 2018	10:22:35	EST	11700	3.335	CAD	TriAct
December 12, 2018	10:26:47	EST	200	3.335	CAD	TriAct
December 12, 2018	10:33:48	EST	5000	3.33	CAD	TSX
December 12, 2018	10:36:59	EST	500	3.3	CAD	TSX
December 12, 2018	10:36:59	EST	500	3.3	CAD	TSX
December 12, 2018	10:36:59	EST	500	3.3	CAD	TSX
December 12, 2018	10:36:59	EST	200	3.3	CAD	TSX
December 12, 2018	10:36:59	EST	100	3.3	CAD	TSX
December 12, 2018	10:36:59	EST	400	3.3	CAD	TSX
December 12, 2018	10:38:21	EST	6900	3.3	CAD	TSX
December 12, 2018	10:38:21	EST	3400	3.3	CAD	TSX
December 12, 2018	10:38:33	EST	4200	3.29	CAD	TSX
December 12, 2018	10:38:57	EST	5000	3.28	CAD	TSX
December 12, 2018	10:42:25	EST	10000	3.285	CAD	TriAct
December 12, 2018	11:04:13	EST	1100	3.37	CAD	TSX
December 12, 2018	11:04:13	EST	4	3.37	CAD	TSX
December 12, 2018	11:14:48	EST	500	3.36	CAD	TSX
December 12, 2018	11:35:50	EST	2300	3.37	CAD	TSX
December 12, 2018	11:35:50	EST	2700	3.37	CAD	TSX
December 12, 2018	12:08:01	EST	1200	3.36	CAD	TSX
December 12, 2018	12:08:01	EST	3300	3.36	CAD	TSX

December 12, 2018	12:20:02	EST	1000	3.35	CAD	TSX
December 12, 2018	12:20:02	EST	8800	3.35	CAD	TSX
December 12, 2018	12:20:02	EST	200	3.35	CAD	TSX
December 12, 2018	12:55:51	EST	100	3.375	CAD	TriAct
December 12, 2018	12:55:51	EST	100	3.375	CAD	TriAct
December 12, 2018	12:56:03	EST	9800	3.375	CAD	TriAct
December 12, 2018	13:36:46	EST	100	3.365	CAD	TriAct
December 12, 2018	13:36:46	EST	100	3.365	CAD	TriAct
December 12, 2018	13:47:31	EST	600	3.365	CAD	TriAct
December 12, 2018	13:55:19	EST	8900	3.36	CAD	TSX
December 12, 2018	13:55:19	EST	100	3.36	CAD	TSX
December 12, 2018	13:55:19	EST	500	3.36	CAD	TSX
December 12, 2018	13:55:19	EST	500	3.36	CAD	TSX
December 12, 2018	14:04:41	EST	9200	3.345	CAD	TriAct
December 12, 2018	14:12:59	EST	100	3.34	CAD	TSX
December 12, 2018	14:13:10	EST	100	3.34	CAD	TSX
December 12, 2018	14:13:10	EST	100	3.34	CAD	TSX
December 12, 2018	14:18:28	EST	10000	3.345	CAD	TriAct
December 12, 2018	14:26:47	EST	400	3.34	CAD	TSX
December 12, 2018	14:26:47	EST	100	3.34	CAD	TSX
December 12, 2018	14:27:02	EST	100	3.34	CAD	TSX
December 12, 2018	14:27:03	EST	200	3.34	CAD	TSX
December 12, 2018	14:27:45	EST	200	3.34	CAD	TSX
December 12, 2018	14:27:55	EST	100	3.34	CAD	TSX
December 12, 2018	14:27:55	EST	100	3.34	CAD	TSX
December 12, 2018	14:27:55	EST	2200	3.34	CAD	TSX
December 12, 2018	14:27:55	EST	1200	3.34	CAD	TSX
December 12, 2018	14:27:57	EST	5100	3.34	CAD	TSX
December 13, 2018	09:39:26	EST	1400	3.28	CAD	TSX
December 13, 2018	09:39:26	EST	3600	3.28	CAD	TSX
December 13, 2018	09:39:44	EST	1800	3.26	CAD	TSX
December 13, 2018	09:40:23	EST	1000	3.26	CAD	TSX
December 13, 2018	09:40:36	EST	1500	3.26	CAD	TSX
December 13, 2018	09:42:52	EST	700	3.26	CAD	TSX
December 13, 2018	09:42:52	EST	5000	3.25	CAD	TSX
December 13, 2018	09:51:48	EST	5000	3.23	CAD	TSX
December 13, 2018	10:19:49	EST	5000	3.27	CAD	TSX
December 13, 2018	10:35:05	EST	100	3.27	CAD	TSX
December 13, 2018	10:44:08	EST	100	3.28	CAD	TSX
December 13, 2018	10:44:27	EST	100	3.28	CAD	TSX
December 13, 2018	10:44:27	EST	4800	3.28	CAD	TSX
December 13, 2018	10:44:27	EST	500	3.27	CAD	TSX
December 13, 2018	10:47:16	EST	200	3.27	CAD	TSX
December 13, 2018	10:47:22	EST	100	3.27	CAD	TSX
December 13, 2018	10:50:36	EST	200	3.27	CAD	TSX
December 13, 2018	11:02:17	EST	3900	3.27	CAD	TSX
December 13, 2018	11:02:17	EST	1800	3.26	CAD	TSX
December 13, 2018	11:02:18	EST	900	3.26	CAD	TSX
December 13, 2018	11:02:18	EST	200	3.26	CAD	TSX
December 13, 2018	11:03:38	EST	200	3.26	CAD	TSX

December 13, 2018	11:05:38	EST	500	3.26	CAD	TSX
December 13, 2018	11:12:47	EST	5000	3.27	CAD	TSX
December 13, 2018	11:12:47	EST	600	3.26	CAD	TSX
December 13, 2018	11:12:47	EST	100	3.26	CAD	TSX
December 13, 2018	11:12:57	EST	100	3.26	CAD	TSX
December 13, 2018	11:13:07	EST	100	3.26	CAD	TSX
December 13, 2018	11:32:35	EST	100	3.26	CAD	TSX
December 13, 2018	11:33:15	EST	100	3.26	CAD	TSX
December 13, 2018	11:33:17	EST	200	3.26	CAD	TSX
December 13, 2018	11:34:14	EST	100	3.26	CAD	TSX
December 13, 2018	11:53:17	EST	1500	3.28	CAD	TSX
December 13, 2018	11:53:17	EST	1100	3.28	CAD	TSX
December 13, 2018	11:53:18	EST	400	3.28	CAD	TSX
December 13, 2018	11:53:19	EST	100	3.28	CAD	TSX
December 13, 2018	11:54:06	EST	1900	3.28	CAD	TSX
December 13, 2018	12:01:33	EST	100	3.27	CAD	TSX
December 13, 2018	12:01:44	EST	1900	3.27	CAD	TSX
December 13, 2018	12:01:44	EST	400	3.27	CAD	TSX
December 13, 2018	12:01:44	EST	600	3.27	CAD	TSX
December 13, 2018	12:01:44	EST	1200	3.27	CAD	TSX
December 13, 2018	12:01:44	EST	400	3.27	CAD	TSX
December 13, 2018	12:01:44	EST	400	3.27	CAD	TSX
December 13, 2018	12:01:45	EST	800	3.26	CAD	TSX
December 13, 2018	12:01:45	EST	4200	3.26	CAD	TSX
December 13, 2018	12:04:25	EST	200	3.26	CAD	TSX
December 13, 2018	12:05:20	EST	300	3.26	CAD	TSX
December 13, 2018	12:10:53	EST	10000	3.275	CAD	TriAct
December 13, 2018	12:13:37	EST	200	3.26	CAD	TSX
December 13, 2018	12:16:08	EST	600	3.26	CAD	TSX
December 13, 2018	12:16:17	EST	200	3.26	CAD	TSX
December 13, 2018	12:16:26	EST	100	3.26	CAD	TSX
December 13, 2018	12:17:24	EST	100	3.26	CAD	TSX
December 13, 2018	12:18:14	EST	100	3.26	CAD	TSX
December 13, 2018	12:20:14	EST	100	3.26	CAD	TSX
December 13, 2018	12:21:26	EST	100	3.26	CAD	TSX
December 13, 2018	12:25:32	EST	5500	3.26	CAD	TSX
December 13, 2018	12:25:32	EST	100	3.25	CAD	TSX
December 13, 2018	12:25:33	EST	300	3.25	CAD	TSX
December 13, 2018	12:33:08	EST	300	3.25	CAD	TSX
December 13, 2018	12:46:26	EST	100	3.26	CAD	TSX
December 13, 2018	12:53:09	EST	100	3.26	CAD	TSX
December 13, 2018	12:56:49	EST	4800	3.26	CAD	TSX
December 13, 2018	13:07:29	EST	5000	3.26	CAD	TSX
December 13, 2018	13:07:31	EST	1700	3.26	CAD	TriAct
December 13, 2018	13:07:31	EST	749	3.26	CAD	TriAct
December 13, 2018	13:07:43	EST	100	3.255	CAD	TriAct
December 13, 2018	13:07:43	EST	100	3.255	CAD	TriAct
December 13, 2018	13:11:48	EST	100	3.25	CAD	TSX
December 13, 2018	13:12:03	EST	600	3.25	CAD	TSX
December 13, 2018	13:12:08	EST	1300	3.25	CAD	TSX

December 13, 2018	13:12:08	EST	2300	3.25	CAD	TSX
December 13, 2018	13:12:08	EST	3800	3.25	CAD	TSX
December 13, 2018	13:12:08	EST	1200	3.25	CAD	TSX
December 13, 2018	13:28:43	EST	100	3.23	CAD	TSX
December 13, 2018	13:30:59	EST	100	3.23	CAD	TSX
December 13, 2018	13:35:35	EST	100	3.23	CAD	TSX
December 13, 2018	13:37:13	EST	100	3.23	CAD	TSX
December 13, 2018	13:58:15	EST	1800	3.24	CAD	TSX
December 13, 2018	13:58:21	EST	3200	3.24	CAD	TSX
December 13, 2018	14:23:29	EST	10000	3.245	CAD	TriAct
December 13, 2018	14:25:00	EST	100	3.24	CAD	TSX
December 13, 2018	14:25:00	EST	200	3.24	CAD	TSX
December 13, 2018	14:28:00	EST	400	3.24	CAD	TSX
December 13, 2018	14:30:12	EST	2600	3.24	CAD	TSX
December 13, 2018	14:30:20	EST	500	3.24	CAD	TSX
December 13, 2018	14:30:38	EST	100	3.24	CAD	TSX
December 13, 2018	14:30:48	EST	200	3.24	CAD	TSX
December 13, 2018	14:30:50	EST	100	3.24	CAD	TSX
December 13, 2018	14:32:34	EST	100	3.24	CAD	TSX
December 13, 2018	14:32:34	EST	100	3.24	CAD	TSX
December 13, 2018	14:33:41	EST	300	3.24	CAD	TSX
December 13, 2018	14:35:04	EST	4600	3.24	CAD	TSX