

## GRAN TIERRA ENERGY INC.

### Company Announcement – Transaction in Own Shares

August 12, 2019

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

The following transactions were made under the NCIB during the period August 5, 2019 to August 9, 2019:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
August 5, 2019	0	\$0.00	\$0.00
August 6, 2019	167,525	\$1.93	\$323,764.50
August 7, 2019	167,525	\$1.91	\$319,337.25
August 8, 2019	167,525	\$1.98	\$331,746.75
August 9, 2019	167,525	\$1.97	\$329,894.50

### Exchange Aggregated Data

	Platform	Aug. 5, 2019	Aug. 6, 2019	Aug. 7, 2019	Aug. 8, 2019	Aug. 9, 2019
<b>Volume</b>	TSX	0	98,325	81,325	104,925	89,625
	Pure	0	10,100	3,900	3,000	7,200
	Chi-X	0	12,600	3,700	8,800	15,700
	Omega	0	700	3,000	0	300
	Alpha	0	1,600	0	0	5,000
	NEO	0	44,200	75,600	50,800	49,700
<b>Volume weighted average price (CAD)</b>	TSX	-	\$1.93	\$1.91	\$1.98	\$1.97
	Pure	-	\$1.94	\$1.92	\$1.98	\$1.97
	Chi-X	-	\$1.92	\$1.90	\$1.95	\$1.97
	Omega	-	\$1.91	\$1.89	-	\$1.97
	Alpha	-	\$1.91	-	-	\$1.98
	NEO	-	\$1.93	\$1.91	\$1.98	\$1.97

All transactions were made under ISIN US38500T1016 and effected by RBC Dominion Securities Inc. on behalf of Gran Tierra. A full breakdown of the individual trades is attached to this announcement.

**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>
August 6, 2019	09:33:02	EDT	400	2.00	CAD	TSX
August 6, 2019	09:33:02	EDT	600	2.00	CAD	TSX
August 6, 2019	09:34:04	EDT	800	2.01	CAD	Pure
August 6, 2019	09:34:04	EDT	500	2.01	CAD	Pure
August 6, 2019	09:34:19	EDT	1600	2.00	CAD	TSX
August 6, 2019	09:34:19	EDT	200	2.00	CAD	TSX
August 6, 2019	09:34:19	EDT	1500	2.00	CAD	NEO
August 6, 2019	09:34:19	EDT	300	2.00	CAD	NEO
August 6, 2019	09:39:21	EDT	600	1.97	CAD	TSX
August 6, 2019	09:39:21	EDT	200	1.97	CAD	TSX
August 6, 2019	09:39:21	EDT	300	1.97	CAD	NEO
August 6, 2019	09:39:21	EDT	200	1.97	CAD	TSX
August 6, 2019	09:39:21	EDT	800	1.97	CAD	NEO
August 6, 2019	09:39:35	EDT	500	1.96	CAD	NEO
August 6, 2019	09:39:43	EDT	100	1.96	CAD	NEO
August 6, 2019	09:39:56	EDT	100	1.96	CAD	TSX
August 6, 2019	09:40:00	EDT	300	1.96	CAD	TSX
August 6, 2019	09:40:13	EDT	700	1.96	CAD	TSX
August 6, 2019	09:41:40	EDT	200	1.96	CAD	TSX
August 6, 2019	09:41:43	EDT	200	1.96	CAD	TSX
August 6, 2019	09:41:43	EDT	600	1.96	CAD	TSX
August 6, 2019	09:41:43	EDT	100	1.96	CAD	TSX
August 6, 2019	09:41:43	EDT	300	1.96	CAD	TSX
August 6, 2019	09:41:45	EDT	600	1.96	CAD	NEO
August 6, 2019	09:41:45	EDT	100	1.96	CAD	NEO
August 6, 2019	09:41:45	EDT	800	1.96	CAD	NEO
August 6, 2019	09:44:14	EDT	200	1.94	CAD	NEO
August 6, 2019	09:44:14	EDT	400	1.94	CAD	NEO
August 6, 2019	09:44:18	EDT	500	1.94	CAD	TSX
August 6, 2019	09:44:19	EDT	100	1.94	CAD	TSX
August 6, 2019	09:44:19	EDT	100	1.94	CAD	NEO
August 6, 2019	09:44:19	EDT	200	1.94	CAD	NEO
August 6, 2019	09:44:19	EDT	100	1.94	CAD	NEO
August 6, 2019	09:44:19	EDT	400	1.94	CAD	TSX
August 6, 2019	09:44:19	EDT	100	1.94	CAD	NEO
August 6, 2019	09:49:50	EDT	100	1.93	CAD	NEO
August 6, 2019	09:49:53	EDT	200	1.93	CAD	NEO
August 6, 2019	09:50:14	EDT	600	1.93	CAD	NEO
August 6, 2019	09:50:14	EDT	400	1.93	CAD	TSX
August 6, 2019	09:50:14	EDT	300	1.93	CAD	TSX
August 6, 2019	09:50:14	EDT	300	1.93	CAD	TSX
August 6, 2019	09:50:14	EDT	500	1.93	CAD	TSX
August 6, 2019	09:50:14	EDT	500	1.93	CAD	TSX
August 6, 2019	09:50:14	EDT	700	1.93	CAD	NEO
August 6, 2019	09:50:14	EDT	100	1.93	CAD	NEO
August 6, 2019	09:50:14	EDT	400	1.93	CAD	NEO
August 6, 2019	09:50:14	EDT	200	1.93	CAD	NEO

August 6, 2019	10:00:21	EDT	100	1.91	CAD	NEO
August 6, 2019	10:00:21	EDT	400	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	700	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	700	1.91	CAD	TSX
August 6, 2019	10:00:22	EDT	100	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	800	1.91	CAD	TSX
August 6, 2019	10:00:22	EDT	100	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	400	1.91	CAD	TSX
August 6, 2019	10:00:22	EDT	800	1.91	CAD	TSX
August 6, 2019	10:00:22	EDT	100	1.91	CAD	TSX
August 6, 2019	10:00:22	EDT	200	1.91	CAD	TSX
August 6, 2019	10:00:22	EDT	100	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	300	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	400	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	100	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	500	1.91	CAD	NEO
August 6, 2019	10:00:22	EDT	200	1.91	CAD	NEO
August 6, 2019	10:09:32	EDT	1100	1.92	CAD	NEO
August 6, 2019	10:09:32	EDT	400	1.92	CAD	NEO
August 6, 2019	10:09:32	EDT	500	1.92	CAD	NEO
August 6, 2019	10:13:06	EDT	100	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	100	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	100	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	100	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	100	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	100	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	500	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	200	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	500	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	300	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	100	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	300	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	700	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	100	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	400	1.91	CAD	TSX
August 6, 2019	10:13:06	EDT	300	1.91	CAD	NEO
August 6, 2019	10:13:06	EDT	300	1.91	CAD	NEO
August 6, 2019	10:13:07	EDT	200	1.91	CAD	NEO
August 6, 2019	10:13:07	EDT	100	1.91	CAD	NEO
August 6, 2019	10:29:41	EDT	3100	1.92	CAD	TSX
August 6, 2019	10:29:41	EDT	100	1.92	CAD	TSX
August 6, 2019	10:29:41	EDT	100	1.92	CAD	TSX
August 6, 2019	10:29:41	EDT	100	1.92	CAD	TSX
August 6, 2019	10:29:41	EDT	800	1.92	CAD	NEO
August 6, 2019	10:29:41	EDT	400	1.92	CAD	NEO
August 6, 2019	10:29:41	EDT	200	1.92	CAD	NEO
August 6, 2019	10:29:41	EDT	100	1.92	CAD	NEO
August 6, 2019	10:29:41	EDT	100	1.92	CAD	NEO
August 6, 2019	10:29:41	EDT	600	1.92	CAD	NEO

August 6, 2019	10:43:29	EDT	2000	1.93	CAD	NEO
August 6, 2019	10:43:29	EDT	200	1.925	CAD	TSX
August 6, 2019	10:43:29	EDT	700	1.93	CAD	Pure
August 6, 2019	10:43:29	EDT	100	1.93	CAD	NEO
August 6, 2019	10:43:29	EDT	2000	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	900	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	300	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	400	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	1000	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	100	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	100	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	500	1.93	CAD	TSX
August 6, 2019	10:43:29	EDT	300	1.93	CAD	TSX
August 6, 2019	10:45:31	EDT	1000	1.94	CAD	Pure
August 6, 2019	10:48:33	EDT	100	1.94	CAD	NEO
August 6, 2019	10:48:33	EDT	1000	1.94	CAD	Pure
August 6, 2019	10:49:39	EDT	100	1.93	CAD	NEO
August 6, 2019	10:49:40	EDT	1400	1.93	CAD	TSX
August 6, 2019	10:52:36	EDT	1000	1.95	CAD	Pure
August 6, 2019	10:52:36	EDT	100	1.95	CAD	NEO
August 6, 2019	10:55:39	EDT	200	1.95	CAD	TSX
August 6, 2019	10:55:39	EDT	100	1.95	CAD	Chi-X
August 6, 2019	10:55:39	EDT	2100	1.95	CAD	TSX
August 6, 2019	10:55:39	EDT	700	1.95	CAD	Chi-X
August 6, 2019	10:57:10	EDT	500	1.94	CAD	NEO
August 6, 2019	10:57:47	EDT	100	1.94	CAD	TSX
August 6, 2019	10:57:47	EDT	200	1.94	CAD	TSX
August 6, 2019	10:57:47	EDT	200	1.94	CAD	TSX
August 6, 2019	10:57:47	EDT	500	1.94	CAD	TSX
August 6, 2019	10:57:47	EDT	500	1.94	CAD	NEO
August 6, 2019	10:57:47	EDT	100	1.94	CAD	NEO
August 6, 2019	11:04:46	EDT	200	1.94	CAD	NEO
August 6, 2019	11:04:46	EDT	500	1.935	CAD	Chi-X
August 6, 2019	11:04:46	EDT	200	1.94	CAD	Chi-X
August 6, 2019	11:04:58	EDT	600	1.93	CAD	NEO
August 6, 2019	11:04:58	EDT	600	1.93	CAD	NEO
August 6, 2019	11:05:54	EDT	100	1.93	CAD	NEO
August 6, 2019	11:05:54	EDT	200	1.93	CAD	NEO
August 6, 2019	11:08:18	EDT	200	1.93	CAD	TSX
August 6, 2019	11:08:18	EDT	100	1.93	CAD	NEO
August 6, 2019	11:08:18	EDT	100	1.93	CAD	TSX
August 6, 2019	11:08:58	EDT	100	1.925	CAD	TSX
August 6, 2019	11:08:58	EDT	700	1.93	CAD	Chi-X
August 6, 2019	11:08:58	EDT	900	1.93	CAD	Pure
August 6, 2019	11:08:58	EDT	300	1.93	CAD	TSX
August 6, 2019	11:08:58	EDT	400	1.93	CAD	Chi-X
August 6, 2019	11:08:58	EDT	600	1.93	CAD	Pure
August 6, 2019	11:10:59	EDT	100	1.93	CAD	NEO
August 6, 2019	11:10:59	EDT	100	1.93	CAD	Pure
August 6, 2019	11:10:59	EDT	800	1.93	CAD	Pure

August 6, 2019	11:15:45	EDT	2400	1.92	CAD	TSX
August 6, 2019	11:15:45	EDT	1700	1.92	CAD	NEO
August 6, 2019	11:15:45	EDT	200	1.92	CAD	TSX
August 6, 2019	11:15:45	EDT	300	1.92	CAD	TSX
August 6, 2019	11:15:45	EDT	600	1.92	CAD	NEO
August 6, 2019	11:15:45	EDT	400	1.92	CAD	NEO
August 6, 2019	11:15:45	EDT	200	1.92	CAD	NEO
August 6, 2019	12:00:36	EDT	2100	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	400	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	500	1.905	CAD	Chi-X
August 6, 2019	12:00:36	EDT	1700	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	700	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	1000	1.91	CAD	Chi-X
August 6, 2019	12:00:36	EDT	800	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	900	1.91	CAD	Pure
August 6, 2019	12:00:36	EDT	600	1.91	CAD	Chi-X
August 6, 2019	12:00:36	EDT	600	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	100	1.91	CAD	NEO
August 6, 2019	12:00:36	EDT	1000	1.91	CAD	Chi-X
August 6, 2019	12:00:36	EDT	200	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	100	1.91	CAD	Chi-X
August 6, 2019	12:00:36	EDT	900	1.91	CAD	NEO
August 6, 2019	12:00:36	EDT	100	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	900	1.91	CAD	Chi-X
August 6, 2019	12:00:36	EDT	100	1.91	CAD	TSX
August 6, 2019	12:00:36	EDT	1000	1.91	CAD	Chi-X
August 6, 2019	12:00:36	EDT	600	1.91	CAD	Pure
August 6, 2019	12:00:36	EDT	1600	1.91	CAD	Alpha
August 6, 2019	12:00:36	EDT	100	1.91	CAD	Omega
August 6, 2019	12:00:36	EDT	600	1.91	CAD	Omega
August 6, 2019	12:01:47	EDT	100	1.91	CAD	Chi-X
August 6, 2019	12:01:47	EDT	800	1.91	CAD	Chi-X
August 6, 2019	12:09:08	EDT	500	1.91	CAD	TSX
August 6, 2019	12:09:08	EDT	1000	1.91	CAD	TSX
August 6, 2019	12:09:08	EDT	2000	1.91	CAD	TSX
August 6, 2019	12:09:08	EDT	500	1.905	CAD	Chi-X
August 6, 2019	12:09:08	EDT	300	1.91	CAD	Chi-X
August 6, 2019	12:09:08	EDT	500	1.91	CAD	Chi-X
August 6, 2019	12:18:31	EDT	600	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	200	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	900	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	400	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	1000	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	500	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	200	1.90	CAD	TSX
August 6, 2019	12:18:31	EDT	400	1.90	CAD	NEO
August 6, 2019	12:18:31	EDT	700	1.90	CAD	NEO
August 6, 2019	12:18:31	EDT	2400	1.90	CAD	NEO
August 6, 2019	12:18:31	EDT	100	1.90	CAD	NEO
August 6, 2019	12:18:31	EDT	200	1.90	CAD	NEO

August 6, 2019	12:33:08	EDT	100	1.91	CAD	NEO
August 6, 2019	12:33:08	EDT	100	1.91	CAD	NEO
August 6, 2019	12:33:46	EDT	100	1.91	CAD	NEO
August 6, 2019	12:34:45	EDT	100	1.91	CAD	NEO
August 6, 2019	12:36:21	EDT	100	1.91	CAD	NEO
August 6, 2019	12:37:08	EDT	1200	1.91	CAD	TSX
August 6, 2019	12:43:35	EDT	800	1.91	CAD	TSX
August 6, 2019	12:43:35	EDT	700	1.91	CAD	Chi-X
August 6, 2019	12:43:35	EDT	300	1.91	CAD	Chi-X
August 6, 2019	12:47:36	EDT	300	1.91	CAD	TSX
August 6, 2019	12:47:36	EDT	600	1.91	CAD	TSX
August 6, 2019	13:04:55	EDT	1000	1.92	CAD	TSX
August 6, 2019	13:04:55	EDT	500	1.92	CAD	TSX
August 6, 2019	13:04:55	EDT	600	1.92	CAD	TSX
August 6, 2019	13:04:55	EDT	100	1.92	CAD	TSX
August 6, 2019	13:04:55	EDT	1000	1.92	CAD	TSX
August 6, 2019	13:06:56	EDT	400	1.94	CAD	Chi-X
August 6, 2019	13:06:56	EDT	200	1.94	CAD	TSX
August 6, 2019	13:06:57	EDT	300	1.94	CAD	TSX
August 6, 2019	13:06:57	EDT	500	1.935	CAD	Chi-X
August 6, 2019	13:06:57	EDT	200	1.94	CAD	TSX
August 6, 2019	13:09:58	EDT	500	1.935	CAD	Chi-X
August 6, 2019	13:09:58	EDT	300	1.94	CAD	Chi-X
August 6, 2019	13:12:22	EDT	1400	1.94	CAD	NEO
August 6, 2019	13:12:22	EDT	400	1.94	CAD	NEO
August 6, 2019	13:16:15	EDT	100	1.94	CAD	NEO
August 6, 2019	13:16:59	EDT	300	1.94	CAD	TSX
August 6, 2019	13:16:59	EDT	300	1.94	CAD	TSX
August 6, 2019	13:16:59	EDT	200	1.94	CAD	TSX
August 6, 2019	13:16:59	EDT	100	1.94	CAD	NEO
August 6, 2019	13:16:59	EDT	600	1.94	CAD	TSX
August 6, 2019	13:16:59	EDT	1200	1.94	CAD	NEO
August 6, 2019	13:16:59	EDT	100	1.94	CAD	NEO
August 6, 2019	13:23:20	EDT	100	1.93	CAD	NEO
August 6, 2019	13:51:20	EDT	200	1.94	CAD	NEO
August 6, 2019	13:51:20	EDT	800	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	5000	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	300	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	100	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	100	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	1000	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	100	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	100	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	100	1.94	CAD	TSX
August 6, 2019	13:51:20	EDT	400	1.94	CAD	TSX
August 6, 2019	13:55:23	EDT	700	1.95	CAD	TSX
August 6, 2019	13:55:23	EDT	1000	1.95	CAD	TSX
August 6, 2019	13:55:23	EDT	300	1.95	CAD	TSX
August 6, 2019	13:55:23	EDT	400	1.95	CAD	TSX
August 6, 2019	13:55:23	EDT	100	1.95	CAD	TSX

August 6, 2019	13:55:23	EDT	2000	1.95	CAD	NEO
August 6, 2019	13:55:23	EDT	200	1.95	CAD	NEO
August 6, 2019	13:55:23	EDT	300	1.95	CAD	NEO
August 6, 2019	14:02:03	EDT	100	1.94	CAD	NEO
August 6, 2019	14:05:42	EDT	800	1.94	CAD	TSX
August 6, 2019	14:05:42	EDT	600	1.94	CAD	NEO
August 6, 2019	14:05:55	EDT	100	1.94	CAD	TSX
August 6, 2019	14:27:44	EDT	100	1.94	CAD	NEO
August 6, 2019	14:27:48	EDT	100	1.94	CAD	NEO
August 6, 2019	14:27:48	EDT	100	1.94	CAD	NEO
August 6, 2019	14:27:55	EDT	1100	1.94	CAD	NEO
August 6, 2019	14:27:55	EDT	2400	1.94	CAD	TSX
August 6, 2019	14:27:55	EDT	1200	1.94	CAD	NEO
August 6, 2019	14:27:55	EDT	2000	1.94	CAD	NEO
August 6, 2019	14:27:55	EDT	400	1.94	CAD	TSX
August 6, 2019	14:28:00	EDT	1200	1.94	CAD	Pure
August 6, 2019	14:49:41	EDT	800	1.93	CAD	NEO
August 6, 2019	14:52:31	EDT	100	1.93	CAD	NEO
August 6, 2019	15:13:02	EDT	1000	1.935	CAD	TSX
August 6, 2019	15:13:02	EDT	100	1.94	CAD	NEO
August 6, 2019	15:13:02	EDT	1800	1.94	CAD	TSX
August 6, 2019	15:13:02	EDT	300	1.94	CAD	TSX
August 6, 2019	15:13:02	EDT	700	1.94	CAD	TSX
August 6, 2019	15:13:02	EDT	10200	1.94	CAD	TSX
August 6, 2019	15:13:02	EDT	700	1.94	CAD	TSX
August 6, 2019	15:13:02	EDT	200	1.94	CAD	TSX
August 6, 2019	15:13:02	EDT	25	1.94	CAD	TSX
August 6, 2019	15:13:13	EDT	100	1.94	CAD	NEO
August 6, 2019	15:14:10	EDT	600	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	900	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	1000	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	600	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	200	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	1700	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	1000	1.95	CAD	TSX
August 6, 2019	15:14:10	EDT	200	1.95	CAD	TSX
August 6, 2019	15:17:03	EDT	6900	1.95	CAD	TSX
August 6, 2019	15:17:06	EDT	1700	1.95	CAD	TSX
August 7, 2019	09:32:32	EDT	700	1.92	CAD	NEO
August 7, 2019	09:32:32	EDT	200	1.92	CAD	TSX
August 7, 2019	09:32:32	EDT	100	1.92	CAD	NEO
August 7, 2019	09:32:32	EDT	200	1.92	CAD	NEO
August 7, 2019	09:32:32	EDT	800	1.92	CAD	TSX
August 7, 2019	09:33:01	EDT	700	1.90	CAD	TSX
August 7, 2019	09:33:01	EDT	100	1.90	CAD	NEO
August 7, 2019	09:33:01	EDT	700	1.90	CAD	NEO
August 7, 2019	09:33:02	EDT	300	1.90	CAD	TSX
August 7, 2019	09:33:02	EDT	300	1.90	CAD	NEO
August 7, 2019	09:35:08	EDT	1000	1.90	CAD	TSX
August 7, 2019	09:38:30	EDT	1000	1.93	CAD	TSX



August 7, 2019	09:38:30	EDT	200	1.93	CAD	TSX
August 7, 2019	09:40:02	EDT	1300	1.93	CAD	TSX
August 7, 2019	09:40:02	EDT	400	1.93	CAD	NEO
August 7, 2019	09:40:02	EDT	500	1.93	CAD	TSX
August 7, 2019	09:40:02	EDT	700	1.93	CAD	NEO
August 7, 2019	09:40:02	EDT	500	1.93	CAD	TSX
August 7, 2019	09:40:02	EDT	700	1.93	CAD	NEO
August 7, 2019	09:40:02	EDT	600	1.93	CAD	NEO
August 7, 2019	09:42:22	EDT	300	1.93	CAD	TSX
August 7, 2019	09:42:22	EDT	500	1.93	CAD	TSX
August 7, 2019	09:42:22	EDT	300	1.93	CAD	NEO
August 7, 2019	09:42:22	EDT	200	1.93	CAD	TSX
August 7, 2019	09:42:22	EDT	400	1.93	CAD	NEO
August 7, 2019	09:42:22	EDT	300	1.93	CAD	NEO
August 7, 2019	09:45:38	EDT	200	1.92	CAD	NEO
August 7, 2019	09:45:38	EDT	700	1.92	CAD	NEO
August 7, 2019	09:45:38	EDT	900	1.92	CAD	TSX
August 7, 2019	09:45:38	EDT	100	1.92	CAD	TSX
August 7, 2019	09:45:38	EDT	100	1.92	CAD	NEO
August 7, 2019	09:51:23	EDT	200	1.925	CAD	TSX
August 7, 2019	09:51:23	EDT	1000	1.93	CAD	TSX
August 7, 2019	09:55:23	EDT	1000	1.93	CAD	TSX
August 7, 2019	09:55:23	EDT	200	1.93	CAD	TSX
August 7, 2019	09:55:23	EDT	100	1.93	CAD	TSX
August 7, 2019	09:55:23	EDT	100	1.93	CAD	TSX
August 7, 2019	09:55:24	EDT	1300	1.93	CAD	TSX
August 7, 2019	09:55:24	EDT	1300	1.93	CAD	NEO
August 7, 2019	09:55:24	EDT	300	1.93	CAD	NEO
August 7, 2019	09:55:24	EDT	100	1.93	CAD	TSX
August 7, 2019	09:55:24	EDT	100	1.93	CAD	NEO
August 7, 2019	09:55:24	EDT	300	1.93	CAD	NEO
August 7, 2019	09:55:24	EDT	600	1.93	CAD	NEO
August 7, 2019	09:55:24	EDT	200	1.93	CAD	NEO
August 7, 2019	10:02:20	EDT	700	1.93	CAD	Pure
August 7, 2019	10:02:20	EDT	400	1.93	CAD	Pure
August 7, 2019	10:03:00	EDT	1000	1.92	CAD	NEO
August 7, 2019	10:03:00	EDT	300	1.92	CAD	TSX
August 7, 2019	10:03:00	EDT	800	1.92	CAD	TSX
August 7, 2019	10:03:00	EDT	700	1.92	CAD	TSX
August 7, 2019	10:03:00	EDT	700	1.92	CAD	NEO
August 7, 2019	10:03:00	EDT	100	1.92	CAD	NEO
August 7, 2019	10:10:52	EDT	1100	1.93	CAD	NEO
August 7, 2019	10:13:13	EDT	1000	1.92	CAD	TSX
August 7, 2019	10:13:13	EDT	700	1.92	CAD	TSX
August 7, 2019	10:13:13	EDT	700	1.92	CAD	NEO
August 7, 2019	10:13:13	EDT	1000	1.92	CAD	NEO
August 7, 2019	10:21:31	EDT	100	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	900	1.92	CAD	TSX
August 7, 2019	10:21:32	EDT	600	1.92	CAD	TSX
August 7, 2019	10:21:32	EDT	600	1.92	CAD	TSX

August 7, 2019	10:21:32	EDT	200	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	100	1.92	CAD	TSX
August 7, 2019	10:21:32	EDT	800	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	300	1.92	CAD	TSX
August 7, 2019	10:21:32	EDT	400	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	100	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	100	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	400	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	100	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	100	1.92	CAD	NEO
August 7, 2019	10:21:32	EDT	200	1.92	CAD	NEO
August 7, 2019	10:30:00	EDT	200	1.91	CAD	TSX
August 7, 2019	10:30:00	EDT	100	1.91	CAD	TSX
August 7, 2019	10:30:00	EDT	200	1.91	CAD	TSX
August 7, 2019	10:30:00	EDT	100	1.91	CAD	TSX
August 7, 2019	10:30:00	EDT	200	1.91	CAD	TSX
August 7, 2019	10:30:00	EDT	200	1.91	CAD	TSX
August 7, 2019	10:30:00	EDT	900	1.91	CAD	NEO
August 7, 2019	10:30:00	EDT	100	1.91	CAD	NEO
August 7, 2019	10:33:14	EDT	900	1.92	CAD	NEO
August 7, 2019	10:33:14	EDT	100	1.92	CAD	NEO
August 7, 2019	10:33:14	EDT	100	1.92	CAD	NEO
August 7, 2019	10:33:22	EDT	300	1.92	CAD	TSX
August 7, 2019	10:33:22	EDT	200	1.92	CAD	TSX
August 7, 2019	10:33:22	EDT	500	1.92	CAD	TSX
August 7, 2019	10:37:12	EDT	1600	1.92	CAD	TSX
August 7, 2019	10:37:12	EDT	1600	1.92	CAD	NEO
August 7, 2019	10:37:12	EDT	900	1.92	CAD	NEO
August 7, 2019	10:37:12	EDT	900	1.92	CAD	TSX
August 7, 2019	10:39:54	EDT	1000	1.92	CAD	NEO
August 7, 2019	10:40:25	EDT	900	1.92	CAD	TSX
August 7, 2019	10:40:25	EDT	100	1.92	CAD	NEO
August 7, 2019	10:40:25	EDT	100	1.92	CAD	TSX
August 7, 2019	10:47:03	EDT	900	1.91	CAD	TSX
August 7, 2019	10:47:03	EDT	900	1.91	CAD	NEO
August 7, 2019	10:47:03	EDT	100	1.91	CAD	TSX
August 7, 2019	10:47:03	EDT	100	1.91	CAD	NEO
August 7, 2019	10:47:44	EDT	900	1.91	CAD	TSX
August 7, 2019	10:48:24	EDT	100	1.91	CAD	TSX
August 7, 2019	10:48:24	EDT	1000	1.91	CAD	NEO
August 7, 2019	10:48:24	EDT	100	1.91	CAD	NEO
August 7, 2019	10:51:55	EDT	800	1.90	CAD	TSX
August 7, 2019	10:51:55	EDT	800	1.90	CAD	NEO
August 7, 2019	10:54:13	EDT	100	1.90	CAD	TSX
August 7, 2019	10:54:13	EDT	200	1.90	CAD	NEO
August 7, 2019	10:54:13	EDT	100	1.90	CAD	TSX
August 7, 2019	10:57:06	EDT	900	1.89	CAD	NEO
August 7, 2019	10:57:06	EDT	200	1.89	CAD	NEO
August 7, 2019	10:57:06	EDT	900	1.89	CAD	TSX
August 7, 2019	10:58:55	EDT	100	1.89	CAD	TSX

August 7, 2019	11:03:47	EDT	900	1.89	CAD	TSX
August 7, 2019	11:03:47	EDT	100	1.89	CAD	TSX
August 7, 2019	11:03:47	EDT	100	1.89	CAD	NEO
August 7, 2019	11:03:47	EDT	1000	1.89	CAD	NEO
August 7, 2019	11:07:52	EDT	1000	1.90	CAD	TSX
August 7, 2019	11:07:52	EDT	700	1.90	CAD	TSX
August 7, 2019	11:07:52	EDT	100	1.90	CAD	TSX
August 7, 2019	11:08:54	EDT	1100	1.90	CAD	TSX
August 7, 2019	11:08:54	EDT	1000	1.90	CAD	TSX
August 7, 2019	11:10:55	EDT	200	1.90	CAD	TSX
August 7, 2019	11:10:55	EDT	800	1.90	CAD	TSX
August 7, 2019	11:12:57	EDT	600	1.90	CAD	TSX
August 7, 2019	11:12:57	EDT	100	1.90	CAD	TSX
August 7, 2019	11:14:00	EDT	1000	1.90	CAD	Chi-X
August 7, 2019	11:15:01	EDT	100	1.90	CAD	TSX
August 7, 2019	11:15:01	EDT	500	1.90	CAD	TSX
August 7, 2019	11:17:03	EDT	800	1.90	CAD	Chi-X
August 7, 2019	11:19:49	EDT	100	1.90	CAD	NEO
August 7, 2019	11:20:57	EDT	100	1.90	CAD	TSX
August 7, 2019	11:20:57	EDT	2000	1.90	CAD	NEO
August 7, 2019	11:24:06	EDT	600	1.91	CAD	TSX
August 7, 2019	11:24:06	EDT	800	1.91	CAD	TSX
August 7, 2019	11:24:06	EDT	1300	1.91	CAD	NEO
August 7, 2019	11:24:06	EDT	1200	1.91	CAD	NEO
August 7, 2019	11:24:06	EDT	200	1.91	CAD	NEO
August 7, 2019	11:24:06	EDT	400	1.91	CAD	TSX
August 7, 2019	11:24:06	EDT	600	1.91	CAD	TSX
August 7, 2019	11:24:06	EDT	200	1.91	CAD	TSX
August 7, 2019	11:34:35	EDT	1300	1.91	CAD	Pure
August 7, 2019	11:37:38	EDT	1500	1.91	CAD	Pure
August 7, 2019	11:37:38	EDT	300	1.91	CAD	Chi-X
August 7, 2019	11:39:16	EDT	2000	1.90	CAD	TSX
August 7, 2019	11:39:16	EDT	2100	1.90	CAD	NEO
August 7, 2019	11:39:16	EDT	300	1.90	CAD	TSX
August 7, 2019	11:39:16	EDT	300	1.90	CAD	NEO
August 7, 2019	11:49:20	EDT	2100	1.91	CAD	TSX
August 7, 2019	11:49:20	EDT	100	1.91	CAD	TSX
August 7, 2019	11:49:20	EDT	2200	1.91	CAD	NEO
August 7, 2019	11:49:20	EDT	100	1.91	CAD	NEO
August 7, 2019	12:05:29	EDT	600	1.91	CAD	NEO
August 7, 2019	12:05:29	EDT	400	1.91	CAD	NEO
August 7, 2019	12:05:29	EDT	700	1.91	CAD	NEO
August 7, 2019	12:05:29	EDT	900	1.91	CAD	NEO
August 7, 2019	12:05:29	EDT	100	1.91	CAD	Omega
August 7, 2019	12:05:29	EDT	100	1.91	CAD	Omega
August 7, 2019	12:05:29	EDT	100	1.91	CAD	Omega
August 7, 2019	12:05:29	EDT	200	1.91	CAD	Omega
August 7, 2019	12:05:29	EDT	100	1.91	CAD	Omega
August 7, 2019	12:07:31	EDT	700	1.91	CAD	NEO
August 7, 2019	12:07:31	EDT	200	1.91	CAD	Omega

August 7, 2019	12:07:31	EDT	300	1.91	CAD	Omega
August 7, 2019	12:08:34	EDT	800	1.91	CAD	NEO
August 7, 2019	12:10:35	EDT	200	1.91	CAD	Omega
August 7, 2019	12:10:35	EDT	100	1.91	CAD	Omega
August 7, 2019	12:10:35	EDT	800	1.91	CAD	NEO
August 7, 2019	12:11:57	EDT	700	1.90	CAD	NEO
August 7, 2019	12:11:57	EDT	200	1.90	CAD	NEO
August 7, 2019	12:11:57	EDT	200	1.90	CAD	NEO
August 7, 2019	12:11:57	EDT	500	1.90	CAD	NEO
August 7, 2019	12:14:51	EDT	1700	1.90	CAD	TSX
August 7, 2019	12:14:51	EDT	400	1.90	CAD	NEO
August 7, 2019	12:14:51	EDT	1400	1.90	CAD	NEO
August 7, 2019	12:28:22	EDT	800	1.89	CAD	TSX
August 7, 2019	12:29:51	EDT	1800	1.89	CAD	TSX
August 7, 2019	12:29:51	EDT	300	1.89	CAD	NEO
August 7, 2019	12:29:51	EDT	1300	1.89	CAD	NEO
August 7, 2019	12:29:51	EDT	200	1.89	CAD	NEO
August 7, 2019	12:39:22	EDT	900	1.88	CAD	TSX
August 7, 2019	12:39:22	EDT	900	1.88	CAD	NEO
August 7, 2019	12:39:22	EDT	100	1.88	CAD	TSX
August 7, 2019	12:39:22	EDT	100	1.88	CAD	NEO
August 7, 2019	12:55:21	EDT	100	1.88	CAD	NEO
August 7, 2019	12:55:21	EDT	1200	1.88	CAD	NEO
August 7, 2019	12:55:21	EDT	100	1.88	CAD	NEO
August 7, 2019	12:55:21	EDT	1400	1.88	CAD	TSX
August 7, 2019	12:55:21	EDT	1300	1.88	CAD	TSX
August 7, 2019	12:55:21	EDT	100	1.88	CAD	NEO
August 7, 2019	12:55:21	EDT	1100	1.88	CAD	NEO
August 7, 2019	12:55:21	EDT	100	1.88	CAD	NEO
August 7, 2019	13:29:55	EDT	4800	1.87	CAD	TSX
August 7, 2019	13:29:55	EDT	2600	1.87	CAD	NEO
August 7, 2019	13:29:55	EDT	2200	1.87	CAD	NEO
August 7, 2019	13:45:57	EDT	100	1.87	CAD	NEO
August 7, 2019	13:45:57	EDT	400	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	300	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:45:57	EDT	100	1.87	CAD	Omega
August 7, 2019	13:48:58	EDT	900	1.87	CAD	TSX
August 7, 2019	13:50:45	EDT	1800	1.87	CAD	TSX
August 7, 2019	13:50:45	EDT	100	1.87	CAD	NEO
August 7, 2019	13:50:45	EDT	1700	1.87	CAD	NEO
August 7, 2019	14:03:56	EDT	1600	1.89	CAD	Chi-X
August 7, 2019	14:08:06	EDT	2400	1.90	CAD	TSX

August 7, 2019	14:08:06	EDT	2100	1.90	CAD	NEO
August 7, 2019	14:08:06	EDT	300	1.90	CAD	NEO
August 7, 2019	14:23:50	EDT	1500	1.89	CAD	TSX
August 7, 2019	14:23:50	EDT	1800	1.89	CAD	NEO
August 7, 2019	14:23:50	EDT	100	1.89	CAD	TSX
August 7, 2019	14:23:50	EDT	800	1.89	CAD	TSX
August 7, 2019	14:23:50	EDT	100	1.89	CAD	TSX
August 7, 2019	14:23:50	EDT	600	1.89	CAD	TSX
August 7, 2019	14:23:50	EDT	300	1.89	CAD	TSX
August 7, 2019	14:23:50	EDT	600	1.89	CAD	NEO
August 7, 2019	14:23:50	EDT	600	1.89	CAD	NEO
August 7, 2019	14:23:50	EDT	400	1.89	CAD	NEO
August 7, 2019	14:36:06	EDT	200	1.90	CAD	TSX
August 7, 2019	14:36:06	EDT	1000	1.90	CAD	TSX
August 7, 2019	14:36:06	EDT	1000	1.90	CAD	TSX
August 7, 2019	14:36:06	EDT	1000	1.90	CAD	TSX
August 7, 2019	14:46:39	EDT	3600	1.91	CAD	TSX
August 7, 2019	14:46:39	EDT	3500	1.91	CAD	NEO
August 7, 2019	14:46:39	EDT	100	1.91	CAD	NEO
August 7, 2019	15:02:54	EDT	2200	1.92	CAD	NEO
August 7, 2019	15:02:54	EDT	100	1.92	CAD	TSX
August 7, 2019	15:02:54	EDT	800	1.92	CAD	NEO
August 7, 2019	15:02:54	EDT	2800	1.92	CAD	TSX
August 7, 2019	15:02:54	EDT	600	1.92	CAD	TSX
August 7, 2019	15:02:54	EDT	600	1.92	CAD	NEO
August 7, 2019	15:03:17	EDT	1000	1.92	CAD	TSX
August 7, 2019	15:03:17	EDT	1000	1.92	CAD	TSX
August 7, 2019	15:04:44	EDT	200	1.925	CAD	TSX
August 7, 2019	15:04:44	EDT	5200	1.93	CAD	NEO
August 7, 2019	15:04:44	EDT	600	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	400	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	400	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	1000	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	900	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	500	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	1000	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	300	1.93	CAD	TSX
August 7, 2019	15:04:44	EDT	25	1.93	CAD	TSX
August 8, 2019	09:31:17	EDT	100	2.02	CAD	TSX
August 8, 2019	09:31:17	EDT	900	2.02	CAD	TSX
August 8, 2019	09:31:17	EDT	800	2.02	CAD	NEO
August 8, 2019	09:31:17	EDT	200	2.02	CAD	NEO
August 8, 2019	09:33:28	EDT	400	2.03	CAD	TSX
August 8, 2019	09:33:28	EDT	400	2.03	CAD	TSX
August 8, 2019	09:33:28	EDT	200	2.03	CAD	TSX
August 8, 2019	09:33:28	EDT	300	2.03	CAD	NEO
August 8, 2019	09:33:28	EDT	600	2.03	CAD	NEO
August 8, 2019	09:33:28	EDT	200	2.03	CAD	NEO
August 8, 2019	09:35:04	EDT	100	2.02	CAD	TSX
August 8, 2019	09:35:04	EDT	300	2.02	CAD	TSX

August 8, 2019	09:35:04	EDT	400	2.02	CAD	TSX
August 8, 2019	09:35:04	EDT	100	2.02	CAD	TSX
August 8, 2019	09:35:04	EDT	100	2.02	CAD	TSX
August 8, 2019	09:35:04	EDT	100	2.02	CAD	NEO
August 8, 2019	09:35:04	EDT	600	2.02	CAD	NEO
August 8, 2019	09:35:04	EDT	100	2.02	CAD	NEO
August 8, 2019	09:35:04	EDT	100	2.02	CAD	NEO
August 8, 2019	09:35:04	EDT	100	2.02	CAD	NEO
August 8, 2019	09:35:04	EDT	100	2.02	CAD	NEO
August 8, 2019	09:39:43	EDT	900	2.00	CAD	TSX
August 8, 2019	09:39:43	EDT	900	2.00	CAD	NEO
August 8, 2019	09:39:43	EDT	200	2.00	CAD	NEO
August 8, 2019	09:39:43	EDT	100	2.00	CAD	TSX
August 8, 2019	09:40:09	EDT	100	2.00	CAD	TSX
August 8, 2019	09:40:46	EDT	100	2.00	CAD	TSX
August 8, 2019	09:41:21	EDT	100	2.00	CAD	TSX
August 8, 2019	09:41:22	EDT	900	2.00	CAD	TSX
August 8, 2019	09:42:49	EDT	1500	2.00	CAD	TSX
August 8, 2019	09:42:59	EDT	200	2.00	CAD	TSX
August 8, 2019	09:44:13	EDT	100	2.00	CAD	NEO
August 8, 2019	09:44:13	EDT	100	2.00	CAD	NEO
August 8, 2019	09:44:14	EDT	1300	2.00	CAD	TSX
August 8, 2019	09:44:14	EDT	1200	2.00	CAD	NEO
August 8, 2019	09:44:14	EDT	100	2.00	CAD	NEO
August 8, 2019	09:44:14	EDT	400	2.00	CAD	NEO
August 8, 2019	09:44:14	EDT	300	2.00	CAD	TSX
August 8, 2019	09:44:14	EDT	200	2.00	CAD	TSX
August 8, 2019	09:48:41	EDT	100	2.01	CAD	TSX
August 8, 2019	09:49:14	EDT	900	2.01	CAD	TSX
August 8, 2019	09:49:14	EDT	200	2.01	CAD	NEO
August 8, 2019	09:49:14	EDT	900	2.01	CAD	NEO
August 8, 2019	09:50:28	EDT	1000	2.00	CAD	TSX
August 8, 2019	09:50:28	EDT	900	2.00	CAD	NEO
August 8, 2019	09:50:28	EDT	100	2.00	CAD	NEO
August 8, 2019	09:53:06	EDT	1000	2.00	CAD	TSX
August 8, 2019	09:53:06	EDT	800	2.00	CAD	NEO
August 8, 2019	09:53:06	EDT	300	2.00	CAD	NEO
August 8, 2019	10:01:05	EDT	1000	2.02	CAD	TSX
August 8, 2019	10:01:05	EDT	100	2.02	CAD	Chi-X
August 8, 2019	10:02:48	EDT	100	2.02	CAD	NEO
August 8, 2019	10:02:48	EDT	300	2.02	CAD	TSX
August 8, 2019	10:02:48	EDT	1500	2.02	CAD	TSX
August 8, 2019	10:02:48	EDT	1100	2.02	CAD	NEO
August 8, 2019	10:02:48	EDT	200	2.02	CAD	NEO
August 8, 2019	10:02:48	EDT	300	2.02	CAD	NEO
August 8, 2019	10:02:48	EDT	100	2.02	CAD	NEO
August 8, 2019	10:09:05	EDT	200	1.995	CAD	TSX
August 8, 2019	10:09:05	EDT	700	2.00	CAD	TSX
August 8, 2019	10:09:54	EDT	1700	1.99	CAD	TSX
August 8, 2019	10:09:54	EDT	100	1.99	CAD	TSX

August 8, 2019	10:09:54	EDT	1700	1.99	CAD	NEO
August 8, 2019	10:09:54	EDT	100	1.99	CAD	NEO
August 8, 2019	10:14:40	EDT	300	1.99	CAD	NEO
August 8, 2019	10:21:34	EDT	1200	2.00	CAD	NEO
August 8, 2019	10:25:13	EDT	1000	2.00	CAD	TSX
August 8, 2019	10:25:13	EDT	400	2.00	CAD	NEO
August 8, 2019	10:25:13	EDT	100	2.00	CAD	NEO
August 8, 2019	10:25:13	EDT	1800	2.00	CAD	TSX
August 8, 2019	10:25:13	EDT	700	2.00	CAD	NEO
August 8, 2019	10:25:13	EDT	1600	2.00	CAD	NEO
August 8, 2019	10:48:48	EDT	200	2.01	CAD	TSX
August 8, 2019	10:48:48	EDT	200	2.01	CAD	TSX
August 8, 2019	10:48:48	EDT	500	2.01	CAD	TSX
August 8, 2019	10:48:48	EDT	400	2.01	CAD	TSX
August 8, 2019	10:48:48	EDT	700	2.01	CAD	TSX
August 8, 2019	10:48:48	EDT	1900	2.01	CAD	TSX
August 8, 2019	10:48:48	EDT	500	2.01	CAD	NEO
August 8, 2019	10:48:48	EDT	500	2.01	CAD	NEO
August 8, 2019	10:48:58	EDT	100	2.01	CAD	TSX
August 8, 2019	10:50:57	EDT	500	2.02	CAD	Pure
August 8, 2019	10:50:57	EDT	300	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	200	2.015	CAD	TSX
August 8, 2019	10:50:57	EDT	500	2.02	CAD	NEO
August 8, 2019	10:50:57	EDT	100	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	400	2.02	CAD	Pure
August 8, 2019	10:50:57	EDT	1000	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	1000	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	900	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	400	2.02	CAD	NEO
August 8, 2019	10:50:57	EDT	600	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	500	2.02	CAD	Pure
August 8, 2019	10:50:57	EDT	200	2.02	CAD	NEO
August 8, 2019	10:50:57	EDT	400	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	100	2.02	CAD	TSX
August 8, 2019	10:50:57	EDT	200	2.02	CAD	TSX
August 8, 2019	10:55:32	EDT	1200	2.01	CAD	TSX
August 8, 2019	10:55:32	EDT	700	2.01	CAD	TSX
August 8, 2019	10:55:32	EDT	200	2.01	CAD	NEO
August 8, 2019	10:55:32	EDT	1000	2.01	CAD	TSX
August 8, 2019	10:55:32	EDT	100	2.01	CAD	NEO
August 8, 2019	10:55:32	EDT	700	2.01	CAD	NEO
August 8, 2019	10:55:32	EDT	100	2.01	CAD	NEO
August 8, 2019	10:55:32	EDT	100	2.01	CAD	TSX
August 8, 2019	10:55:32	EDT	800	2.01	CAD	NEO
August 8, 2019	10:55:32	EDT	1100	2.01	CAD	NEO
August 8, 2019	10:55:32	EDT	100	2.01	CAD	NEO
August 8, 2019	11:01:33	EDT	900	1.99	CAD	TSX
August 8, 2019	11:02:34	EDT	100	1.99	CAD	TSX
August 8, 2019	11:06:41	EDT	200	2.005	CAD	TSX
August 8, 2019	11:06:41	EDT	500	2.01	CAD	TSX

August 8, 2019	11:06:41	EDT	200	2.01	CAD	TSX
August 8, 2019	11:07:58	EDT	2500	2.00	CAD	TSX
August 8, 2019	11:07:58	EDT	100	2.00	CAD	NEO
August 8, 2019	11:07:58	EDT	2400	2.00	CAD	NEO
August 8, 2019	11:16:53	EDT	200	2.005	CAD	TSX
August 8, 2019	11:16:53	EDT	500	2.01	CAD	TSX
August 8, 2019	11:16:53	EDT	1000	2.01	CAD	TSX
August 8, 2019	11:16:53	EDT	500	2.01	CAD	TSX
August 8, 2019	11:16:53	EDT	600	2.01	CAD	TSX
August 8, 2019	11:18:55	EDT	400	2.01	CAD	TSX
August 8, 2019	11:18:55	EDT	500	2.01	CAD	TSX
August 8, 2019	11:20:33	EDT	1500	2.00	CAD	TSX
August 8, 2019	11:20:33	EDT	100	2.00	CAD	NEO
August 8, 2019	11:20:33	EDT	1300	2.00	CAD	NEO
August 8, 2019	11:20:33	EDT	100	2.00	CAD	NEO
August 8, 2019	11:21:37	EDT	900	2.00	CAD	TSX
August 8, 2019	11:23:46	EDT	100	2.00	CAD	NEO
August 8, 2019	11:23:46	EDT	100	2.00	CAD	TSX
August 8, 2019	11:26:12	EDT	1500	2.00	CAD	TSX
August 8, 2019	11:28:12	EDT	1000	2.00	CAD	TSX
August 8, 2019	11:29:01	EDT	400	2.00	CAD	TSX
August 8, 2019	11:31:08	EDT	1600	2.00	CAD	TSX
August 8, 2019	11:31:08	EDT	200	2.00	CAD	NEO
August 8, 2019	11:31:08	EDT	1300	2.00	CAD	NEO
August 8, 2019	11:31:08	EDT	100	2.00	CAD	TSX
August 8, 2019	11:40:09	EDT	500	2.00	CAD	TSX
August 8, 2019	11:40:09	EDT	100	2.00	CAD	TSX
August 8, 2019	11:40:09	EDT	900	2.00	CAD	TSX
August 8, 2019	11:43:06	EDT	300	1.99	CAD	TSX
August 8, 2019	11:43:06	EDT	100	1.99	CAD	TSX
August 8, 2019	11:44:13	EDT	2400	1.99	CAD	TSX
August 8, 2019	11:44:26	EDT	1200	1.99	CAD	NEO
August 8, 2019	11:44:36	EDT	100	1.99	CAD	TSX
August 8, 2019	11:47:14	EDT	800	1.98	CAD	TSX
August 8, 2019	11:47:14	EDT	800	1.98	CAD	NEO
August 8, 2019	11:47:14	EDT	200	1.98	CAD	NEO
August 8, 2019	11:47:14	EDT	200	1.98	CAD	TSX
August 8, 2019	11:57:40	EDT	400	1.98	CAD	TSX
August 8, 2019	11:57:40	EDT	400	1.98	CAD	TSX
August 8, 2019	12:01:42	EDT	400	1.98	CAD	TSX
August 8, 2019	12:01:42	EDT	100	1.98	CAD	TSX
August 8, 2019	12:01:42	EDT	600	1.98	CAD	TSX
August 8, 2019	12:02:07	EDT	1300	1.97	CAD	TSX
August 8, 2019	12:02:07	EDT	500	1.97	CAD	NEO
August 8, 2019	12:02:07	EDT	400	1.97	CAD	TSX
August 8, 2019	12:02:07	EDT	1300	1.97	CAD	NEO
August 8, 2019	12:04:59	EDT	1000	1.96	CAD	TSX
August 8, 2019	12:04:59	EDT	800	1.96	CAD	NEO
August 8, 2019	12:05:00	EDT	200	1.96	CAD	NEO
August 8, 2019	12:12:57	EDT	200	1.955	CAD	TSX



August 8, 2019	12:12:57	EDT	400	1.96	CAD	TSX
August 8, 2019	12:12:57	EDT	300	1.96	CAD	TSX
August 8, 2019	12:20:06	EDT	200	1.97	CAD	TSX
August 8, 2019	12:20:22	EDT	100	1.97	CAD	TSX
August 8, 2019	12:36:46	EDT	300	1.98	CAD	TSX
August 8, 2019	12:36:46	EDT	1000	1.98	CAD	TSX
August 8, 2019	12:36:46	EDT	6000	1.98	CAD	TSX
August 8, 2019	12:39:47	EDT	300	1.98	CAD	TSX
August 8, 2019	12:39:47	EDT	900	1.98	CAD	TSX
August 8, 2019	12:47:39	EDT	200	1.97	CAD	TSX
August 8, 2019	12:47:39	EDT	500	1.97	CAD	TSX
August 8, 2019	12:47:39	EDT	700	1.97	CAD	TSX
August 8, 2019	12:47:39	EDT	1900	1.97	CAD	NEO
August 8, 2019	12:47:39	EDT	500	1.97	CAD	TSX
August 8, 2019	12:47:39	EDT	600	1.97	CAD	TSX
August 8, 2019	12:47:39	EDT	600	1.97	CAD	NEO
August 8, 2019	13:04:36	EDT	100	1.94	CAD	TSX
August 8, 2019	13:04:36	EDT	400	1.94	CAD	TSX
August 8, 2019	13:06:37	EDT	100	1.94	CAD	Chi-X
August 8, 2019	13:06:37	EDT	600	1.94	CAD	TSX
August 8, 2019	13:09:38	EDT	100	1.935	CAD	TSX
August 8, 2019	13:09:38	EDT	100	1.94	CAD	Chi-X
August 8, 2019	13:09:38	EDT	700	1.94	CAD	TSX
August 8, 2019	13:09:38	EDT	100	1.94	CAD	NEO
August 8, 2019	13:15:42	EDT	900	1.94	CAD	TSX
August 8, 2019	13:15:42	EDT	800	1.94	CAD	TSX
August 8, 2019	13:15:42	EDT	100	1.94	CAD	TSX
August 8, 2019	13:15:43	EDT	100	1.94	CAD	Chi-X
August 8, 2019	13:18:45	EDT	100	1.935	CAD	TSX
August 8, 2019	13:18:45	EDT	100	1.94	CAD	Chi-X
August 8, 2019	13:18:45	EDT	600	1.94	CAD	TSX
August 8, 2019	13:23:27	EDT	300	1.94	CAD	TSX
August 8, 2019	13:23:59	EDT	200	1.94	CAD	TSX
August 8, 2019	13:24:37	EDT	100	1.94	CAD	TSX
August 8, 2019	13:25:17	EDT	300	1.94	CAD	TSX
August 8, 2019	13:25:52	EDT	300	1.94	CAD	TSX
August 8, 2019	13:27:20	EDT	2400	1.94	CAD	TSX
August 8, 2019	13:27:20	EDT	2300	1.94	CAD	NEO
August 8, 2019	13:27:20	EDT	300	1.94	CAD	NEO
August 8, 2019	13:27:45	EDT	100	1.94	CAD	TSX
August 8, 2019	13:40:20	EDT	700	1.93	CAD	NEO
August 8, 2019	13:40:20	EDT	900	1.93	CAD	TSX
August 8, 2019	13:40:20	EDT	100	1.93	CAD	TSX
August 8, 2019	13:40:20	EDT	200	1.93	CAD	NEO
August 8, 2019	13:40:20	EDT	100	1.93	CAD	NEO
August 8, 2019	13:40:20	EDT	100	1.93	CAD	NEO
August 8, 2019	13:45:45	EDT	800	1.92	CAD	TSX
August 8, 2019	13:45:45	EDT	200	1.92	CAD	TSX
August 8, 2019	13:45:45	EDT	700	1.92	CAD	NEO
August 8, 2019	13:53:42	EDT	800	1.93	CAD	NEO

August 8, 2019	13:53:42	EDT	200	1.93	CAD	Pure
August 8, 2019	13:53:42	EDT	100	1.93	CAD	Pure
August 8, 2019	13:59:13	EDT	2000	1.92	CAD	NEO
August 8, 2019	13:59:13	EDT	500	1.92	CAD	NEO
August 8, 2019	13:59:13	EDT	400	1.92	CAD	TSX
August 8, 2019	14:15:06	EDT	400	1.94	CAD	Chi-X
August 8, 2019	14:15:06	EDT	300	1.94	CAD	Chi-X
August 8, 2019	14:15:06	EDT	100	1.94	CAD	NEO
August 8, 2019	14:15:06	EDT	100	1.94	CAD	Chi-X
August 8, 2019	14:15:06	EDT	1000	1.94	CAD	Pure
August 8, 2019	14:15:06	EDT	1500	1.94	CAD	Chi-X
August 8, 2019	14:15:06	EDT	400	1.94	CAD	Chi-X
August 8, 2019	14:21:20	EDT	500	1.945	CAD	Chi-X
August 8, 2019	14:21:20	EDT	100	1.95	CAD	NEO
August 8, 2019	14:21:20	EDT	100	1.95	CAD	TSX
August 8, 2019	14:21:20	EDT	1000	1.95	CAD	TSX
August 8, 2019	14:21:20	EDT	300	1.95	CAD	Pure
August 8, 2019	14:21:20	EDT	800	1.95	CAD	Chi-X
August 8, 2019	14:21:20	EDT	100	1.95	CAD	Chi-X
August 8, 2019	14:21:20	EDT	1500	1.95	CAD	Chi-X
August 8, 2019	14:32:44	EDT	800	1.95	CAD	Chi-X
August 8, 2019	14:32:44	EDT	1000	1.95	CAD	TSX
August 8, 2019	14:32:44	EDT	100	1.95	CAD	NEO
August 8, 2019	14:32:44	EDT	900	1.95	CAD	Chi-X
August 8, 2019	14:32:44	EDT	900	1.95	CAD	TSX
August 8, 2019	14:32:44	EDT	100	1.95	CAD	NEO
August 8, 2019	14:32:44	EDT	400	1.95	CAD	TSX
August 8, 2019	14:32:44	EDT	1100	1.95	CAD	TSX
August 8, 2019	14:35:47	EDT	1000	1.95	CAD	TSX
August 8, 2019	14:35:47	EDT	800	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	100	1.945	CAD	TSX
August 8, 2019	14:47:07	EDT	100	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	300	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	100	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	1000	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	100	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	100	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	1000	1.95	CAD	TSX
August 8, 2019	14:47:07	EDT	1000	1.95	CAD	Chi-X
August 8, 2019	14:49:51	EDT	2300	1.95	CAD	TSX
August 8, 2019	14:49:51	EDT	400	1.95	CAD	NEO
August 8, 2019	14:49:51	EDT	100	1.95	CAD	TSX
August 8, 2019	14:49:51	EDT	700	1.95	CAD	NEO
August 8, 2019	14:49:51	EDT	200	1.95	CAD	NEO
August 8, 2019	14:49:51	EDT	500	1.95	CAD	NEO
August 8, 2019	14:49:51	EDT	600	1.95	CAD	NEO
August 8, 2019	15:08:17	EDT	100	1.955	CAD	TSX
August 8, 2019	15:08:17	EDT	1000	1.96	CAD	TSX
August 8, 2019	15:08:17	EDT	1000	1.96	CAD	TSX
August 8, 2019	15:08:17	EDT	200	1.955	CAD	TSX

August 8, 2019	15:08:17	EDT	5600	1.96	CAD	TSX
August 8, 2019	15:08:17	EDT	400	1.96	CAD	TSX
August 8, 2019	15:08:17	EDT	300	1.96	CAD	TSX
August 8, 2019	15:08:17	EDT	300	1.96	CAD	TSX
August 8, 2019	15:08:17	EDT	100	1.96	CAD	TSX
August 8, 2019	15:08:57	EDT	800	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	200	1.965	CAD	TSX
August 8, 2019	15:08:57	EDT	400	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	1000	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	1400	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	1200	1.97	CAD	NEO
August 8, 2019	15:08:57	EDT	600	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	1600	1.97	CAD	NEO
August 8, 2019	15:08:57	EDT	300	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	1400	1.97	CAD	NEO
August 8, 2019	15:08:57	EDT	25	1.97	CAD	TSX
August 8, 2019	15:08:57	EDT	400	1.97	CAD	NEO
August 9, 2019	09:35:24	EDT	100	2.01	CAD	TSX
August 9, 2019	09:35:24	EDT	2400	2.01	CAD	NEO
August 9, 2019	09:35:24	EDT	500	2.01	CAD	TSX
August 9, 2019	09:35:24	EDT	800	2.01	CAD	TSX
August 9, 2019	09:35:24	EDT	600	2.01	CAD	TSX
August 9, 2019	09:35:24	EDT	900	2.01	CAD	TSX
August 9, 2019	09:35:24	EDT	500	2.01	CAD	NEO
August 9, 2019	09:35:24	EDT	500	2.01	CAD	NEO
August 9, 2019	09:35:24	EDT	500	2.01	CAD	TSX
August 9, 2019	09:35:24	EDT	100	2.01	CAD	NEO
August 9, 2019	09:40:04	EDT	400	2.00	CAD	NEO
August 9, 2019	09:40:04	EDT	600	2.00	CAD	NEO
August 9, 2019	09:40:16	EDT	1600	1.99	CAD	TSX
August 9, 2019	09:40:16	EDT	200	1.99	CAD	NEO
August 9, 2019	09:40:16	EDT	200	1.99	CAD	TSX
August 9, 2019	09:40:16	EDT	1600	1.99	CAD	NEO
August 9, 2019	09:44:27	EDT	700	1.99	CAD	TSX
August 9, 2019	09:44:27	EDT	300	1.99	CAD	NEO
August 9, 2019	09:44:27	EDT	400	1.99	CAD	NEO
August 9, 2019	09:44:27	EDT	300	1.99	CAD	NEO
August 9, 2019	09:44:27	EDT	100	1.99	CAD	TSX
August 9, 2019	09:44:27	EDT	100	1.99	CAD	TSX
August 9, 2019	09:44:27	EDT	100	1.99	CAD	TSX
August 9, 2019	09:48:43	EDT	400	1.99	CAD	Chi-X
August 9, 2019	09:48:43	EDT	400	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	500	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	100	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	400	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	600	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	100	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	300	1.99	CAD	TSX
August 9, 2019	09:49:37	EDT	1400	1.99	CAD	NEO
August 9, 2019	09:49:37	EDT	600	1.99	CAD	NEO

August 9, 2019	09:57:20	EDT	400	1.975	CAD	Chi-X
August 9, 2019	09:57:20	EDT	500	1.98	CAD	Chi-X
August 9, 2019	09:57:20	EDT	500	1.975	CAD	Chi-X
August 9, 2019	09:59:22	EDT	800	1.98	CAD	TSX
August 9, 2019	09:59:22	EDT	500	1.98	CAD	TSX
August 9, 2019	10:00:15	EDT	500	1.98	CAD	NEO
August 9, 2019	10:01:44	EDT	2200	1.98	CAD	TSX
August 9, 2019	10:01:44	EDT	1900	1.98	CAD	NEO
August 9, 2019	10:01:44	EDT	400	1.98	CAD	NEO
August 9, 2019	10:05:31	EDT	800	1.98	CAD	TSX
August 9, 2019	10:05:31	EDT	700	1.98	CAD	NEO
August 9, 2019	10:05:31	EDT	300	1.98	CAD	NEO
August 9, 2019	10:05:31	EDT	200	1.98	CAD	TSX
August 9, 2019	10:13:35	EDT	500	1.965	CAD	Chi-X
August 9, 2019	10:13:35	EDT	200	1.97	CAD	Chi-X
August 9, 2019	10:13:35	EDT	100	1.97	CAD	Chi-X
August 9, 2019	10:16:38	EDT	900	1.97	CAD	TSX
August 9, 2019	10:16:38	EDT	100	1.97	CAD	TSX
August 9, 2019	10:16:38	EDT	400	1.97	CAD	TSX
August 9, 2019	10:19:27	EDT	1000	1.97	CAD	TSX
August 9, 2019	10:19:27	EDT	200	1.965	CAD	TSX
August 9, 2019	10:19:27	EDT	1600	1.97	CAD	TSX
August 9, 2019	10:19:27	EDT	100	1.97	CAD	TSX
August 9, 2019	10:19:27	EDT	1000	1.97	CAD	TSX
August 9, 2019	10:19:27	EDT	100	1.97	CAD	TSX
August 9, 2019	10:19:30	EDT	400	1.97	CAD	TSX
August 9, 2019	10:28:29	EDT	800	1.96	CAD	NEO
August 9, 2019	10:28:29	EDT	200	1.96	CAD	NEO
August 9, 2019	10:28:29	EDT	900	1.96	CAD	TSX
August 9, 2019	10:28:29	EDT	100	1.96	CAD	TSX
August 9, 2019	10:28:32	EDT	500	1.95	CAD	NEO
August 9, 2019	10:28:33	EDT	100	1.95	CAD	NEO
August 9, 2019	10:28:36	EDT	200	1.95	CAD	NEO
August 9, 2019	10:28:36	EDT	900	1.95	CAD	TSX
August 9, 2019	10:28:36	EDT	300	1.95	CAD	NEO
August 9, 2019	10:28:36	EDT	100	1.95	CAD	TSX
August 9, 2019	10:28:36	EDT	100	1.95	CAD	TSX
August 9, 2019	10:38:17	EDT	1000	1.95	CAD	TSX
August 9, 2019	10:38:17	EDT	1400	1.95	CAD	TSX
August 9, 2019	10:38:17	EDT	1000	1.95	CAD	TSX
August 9, 2019	10:40:52	EDT	300	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	600	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	100	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	1000	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	500	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	200	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	200	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	200	1.96	CAD	TSX
August 9, 2019	10:40:52	EDT	100	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	100	1.96	CAD	TSX

August 9, 2019	10:40:52	EDT	100	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	300	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	2100	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	100	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	200	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	100	1.96	CAD	NEO
August 9, 2019	10:40:52	EDT	300	1.96	CAD	NEO
August 9, 2019	10:47:03	EDT	100	1.95	CAD	NEO
August 9, 2019	10:47:06	EDT	100	1.95	CAD	NEO
August 9, 2019	10:52:58	EDT	100	1.95	CAD	NEO
August 9, 2019	10:54:08	EDT	100	1.95	CAD	NEO
August 9, 2019	10:55:43	EDT	200	1.95	CAD	NEO
August 9, 2019	10:55:45	EDT	100	1.95	CAD	NEO
August 9, 2019	10:56:16	EDT	100	1.95	CAD	TSX
August 9, 2019	10:56:16	EDT	100	1.95	CAD	NEO
August 9, 2019	10:56:19	EDT	100	1.95	CAD	TSX
August 9, 2019	10:57:26	EDT	300	1.95	CAD	NEO
August 9, 2019	10:57:26	EDT	2300	1.95	CAD	TSX
August 9, 2019	10:57:26	EDT	1500	1.95	CAD	NEO
August 9, 2019	10:57:26	EDT	200	1.95	CAD	TSX
August 9, 2019	10:57:27	EDT	900	1.95	CAD	TSX
August 9, 2019	10:57:27	EDT	500	1.95	CAD	NEO
August 9, 2019	10:57:29	EDT	300	1.95	CAD	NEO
August 9, 2019	10:57:30	EDT	100	1.95	CAD	NEO
August 9, 2019	11:04:56	EDT	500	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	100	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	100	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	200	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	500	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	100	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	500	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	300	1.95	CAD	TSX
August 9, 2019	11:04:56	EDT	2000	1.95	CAD	NEO
August 9, 2019	11:04:56	EDT	200	1.95	CAD	NEO
August 9, 2019	11:04:56	EDT	100	1.95	CAD	NEO
August 9, 2019	11:14:52	EDT	1000	1.95	CAD	TSX
August 9, 2019	11:14:52	EDT	100	1.95	CAD	TSX
August 9, 2019	11:14:52	EDT	600	1.95	CAD	TSX
August 9, 2019	11:14:52	EDT	100	1.95	CAD	Omega
August 9, 2019	11:20:25	EDT	200	1.95	CAD	NEO
August 9, 2019	11:20:27	EDT	300	1.95	CAD	NEO
August 9, 2019	11:20:29	EDT	100	1.95	CAD	NEO
August 9, 2019	11:21:04	EDT	100	1.95	CAD	NEO
August 9, 2019	11:21:04	EDT	100	1.95	CAD	NEO
August 9, 2019	11:21:04	EDT	100	1.95	CAD	NEO
August 9, 2019	11:21:04	EDT	200	1.95	CAD	NEO
August 9, 2019	11:21:07	EDT	600	1.95	CAD	NEO
August 9, 2019	11:21:09	EDT	100	1.95	CAD	NEO
August 9, 2019	11:21:40	EDT	200	1.95	CAD	NEO
August 9, 2019	11:21:43	EDT	400	1.95	CAD	NEO

August 9, 2019	11:26:02	EDT	1100	1.95	CAD	TSX
August 9, 2019	11:26:02	EDT	100	1.95	CAD	TSX
August 9, 2019	11:26:02	EDT	1900	1.95	CAD	TSX
August 9, 2019	11:26:02	EDT	100	1.95	CAD	TSX
August 9, 2019	11:26:02	EDT	600	1.95	CAD	TSX
August 9, 2019	11:26:02	EDT	100	1.95	CAD	NEO
August 9, 2019	11:26:02	EDT	1000	1.95	CAD	TSX
August 9, 2019	11:26:02	EDT	800	1.95	CAD	NEO
August 9, 2019	11:26:02	EDT	1000	1.95	CAD	NEO
August 9, 2019	11:26:03	EDT	500	1.945	CAD	Chi-X
August 9, 2019	11:26:03	EDT	800	1.95	CAD	TSX
August 9, 2019	11:26:03	EDT	600	1.95	CAD	Chi-X
August 9, 2019	11:26:03	EDT	100	1.95	CAD	Chi-X
August 9, 2019	11:26:03	EDT	1000	1.95	CAD	Chi-X
August 9, 2019	11:39:26	EDT	200	1.955	CAD	Chi-X
August 9, 2019	11:39:26	EDT	500	1.955	CAD	Chi-X
August 9, 2019	11:39:26	EDT	300	1.96	CAD	Chi-X
August 9, 2019	11:39:26	EDT	600	1.96	CAD	Chi-X
August 9, 2019	11:39:26	EDT	100	1.955	CAD	TSX
August 9, 2019	11:39:26	EDT	100	1.96	CAD	Chi-X
August 9, 2019	11:39:26	EDT	1000	1.96	CAD	TSX
August 9, 2019	11:39:26	EDT	600	1.96	CAD	TSX
August 9, 2019	11:41:24	EDT	100	1.95	CAD	TSX
August 9, 2019	11:41:24	EDT	500	1.95	CAD	NEO
August 9, 2019	11:41:24	EDT	600	1.95	CAD	TSX
August 9, 2019	11:41:24	EDT	900	1.95	CAD	NEO
August 9, 2019	11:41:25	EDT	800	1.95	CAD	TSX
August 9, 2019	11:41:25	EDT	200	1.95	CAD	TSX
August 9, 2019	11:41:25	EDT	100	1.95	CAD	NEO
August 9, 2019	11:41:25	EDT	100	1.95	CAD	NEO
August 9, 2019	11:41:25	EDT	200	1.95	CAD	NEO
August 9, 2019	11:57:04	EDT	2100	1.95	CAD	TSX
August 9, 2019	11:57:08	EDT	800	1.95	CAD	TSX
August 9, 2019	11:57:08	EDT	900	1.95	CAD	NEO
August 9, 2019	11:57:08	EDT	100	1.95	CAD	NEO
August 9, 2019	11:57:09	EDT	900	1.95	CAD	NEO
August 9, 2019	11:57:17	EDT	100	1.95	CAD	NEO
August 9, 2019	11:57:19	EDT	300	1.95	CAD	NEO
August 9, 2019	11:57:20	EDT	500	1.95	CAD	NEO
August 9, 2019	11:57:20	EDT	500	1.95	CAD	TSX
August 9, 2019	11:57:20	EDT	600	1.95	CAD	NEO
August 9, 2019	12:06:26	EDT	600	1.95	CAD	Pure
August 9, 2019	12:06:26	EDT	300	1.95	CAD	Pure
August 9, 2019	12:08:28	EDT	300	1.95	CAD	TSX
August 9, 2019	12:08:28	EDT	400	1.95	CAD	TSX
August 9, 2019	12:08:28	EDT	800	1.95	CAD	TSX
August 9, 2019	12:16:43	EDT	900	1.96	CAD	NEO
August 9, 2019	12:16:43	EDT	200	1.955	CAD	Chi-X
August 9, 2019	12:16:43	EDT	900	1.96	CAD	Pure
August 9, 2019	12:16:43	EDT	700	1.96	CAD	NEO

August 9, 2019	12:16:43	EDT	900	1.96	CAD	NEO
August 9, 2019	12:16:43	EDT	500	1.96	CAD	Pure
August 9, 2019	12:19:44	EDT	700	1.96	CAD	NEO
August 9, 2019	12:19:44	EDT	100	1.96	CAD	Pure
August 9, 2019	12:22:44	EDT	400	1.96	CAD	TSX
August 9, 2019	12:22:44	EDT	500	1.96	CAD	Chi-X
August 9, 2019	12:27:29	EDT	1600	1.95	CAD	TSX
August 9, 2019	12:27:29	EDT	200	1.95	CAD	TSX
August 9, 2019	12:27:29	EDT	500	1.95	CAD	NEO
August 9, 2019	12:27:29	EDT	200	1.95	CAD	TSX
August 9, 2019	12:27:29	EDT	200	1.95	CAD	TSX
August 9, 2019	12:27:29	EDT	100	1.95	CAD	NEO
August 9, 2019	12:27:29	EDT	100	1.95	CAD	NEO
August 9, 2019	12:27:29	EDT	1100	1.95	CAD	NEO
August 9, 2019	12:27:29	EDT	100	1.95	CAD	NEO
August 9, 2019	12:27:29	EDT	100	1.95	CAD	NEO
August 9, 2019	12:40:06	EDT	200	1.95	CAD	TSX
August 9, 2019	12:40:06	EDT	1200	1.95	CAD	TSX
August 9, 2019	12:40:06	EDT	1900	1.95	CAD	NEO
August 9, 2019	12:40:06	EDT	800	1.95	CAD	TSX
August 9, 2019	12:40:06	EDT	300	1.95	CAD	NEO
August 9, 2019	12:40:06	EDT	100	1.95	CAD	NEO
August 9, 2019	12:58:52	EDT	700	1.96	CAD	TSX
August 9, 2019	12:58:52	EDT	100	1.96	CAD	TSX
August 9, 2019	13:01:53	EDT	700	1.96	CAD	TSX
August 9, 2019	13:01:53	EDT	300	1.96	CAD	TSX
August 9, 2019	13:06:54	EDT	400	1.96	CAD	TSX
August 9, 2019	13:06:54	EDT	400	1.96	CAD	TSX
August 9, 2019	13:11:58	EDT	900	1.96	CAD	TSX
August 9, 2019	13:11:58	EDT	700	1.96	CAD	TSX
August 9, 2019	13:23:40	EDT	400	1.97	CAD	NEO
August 9, 2019	13:27:25	EDT	1000	1.98	CAD	Chi-X
August 9, 2019	13:27:25	EDT	1200	1.98	CAD	Chi-X
August 9, 2019	13:27:25	EDT	200	1.98	CAD	Chi-X
August 9, 2019	13:27:25	EDT	500	1.975	CAD	Chi-X
August 9, 2019	13:27:25	EDT	200	1.975	CAD	Chi-X
August 9, 2019	13:27:25	EDT	900	1.98	CAD	Pure
August 9, 2019	13:27:25	EDT	600	1.98	CAD	Pure
August 9, 2019	13:30:25	EDT	800	1.98	CAD	TSX
August 9, 2019	13:30:25	EDT	100	1.98	CAD	Chi-X
August 9, 2019	13:32:26	EDT	800	1.98	CAD	TSX
August 9, 2019	13:36:27	EDT	1000	1.99	CAD	Chi-X
August 9, 2019	13:39:29	EDT	200	1.99	CAD	Chi-X
August 9, 2019	13:39:29	EDT	600	1.99	CAD	Chi-X
August 9, 2019	13:41:30	EDT	300	1.99	CAD	Chi-X
August 9, 2019	13:41:30	EDT	500	1.99	CAD	Pure
August 9, 2019	13:43:42	EDT	1600	1.98	CAD	TSX
August 9, 2019	13:43:42	EDT	100	1.98	CAD	TSX
August 9, 2019	13:43:42	EDT	1700	1.98	CAD	NEO
August 9, 2019	13:43:42	EDT	100	1.98	CAD	NEO

August 9, 2019	13:55:11	EDT	400	1.97	CAD	TSX
August 9, 2019	13:55:11	EDT	100	1.97	CAD	TSX
August 9, 2019	13:55:11	EDT	200	1.97	CAD	TSX
August 9, 2019	13:57:43	EDT	500	1.97	CAD	TSX
August 9, 2019	13:57:43	EDT	200	1.97	CAD	NEO
August 9, 2019	13:57:43	EDT	100	1.97	CAD	TSX
August 9, 2019	13:57:43	EDT	1300	1.97	CAD	TSX
August 9, 2019	13:57:43	EDT	1700	1.97	CAD	NEO
August 9, 2019	14:04:37	EDT	900	1.97	CAD	TSX
August 9, 2019	14:15:07	EDT	200	1.975	CAD	TSX
August 9, 2019	14:15:07	EDT	200	1.98	CAD	TSX
August 9, 2019	14:15:07	EDT	1000	1.98	CAD	TSX
August 9, 2019	14:15:07	EDT	400	1.98	CAD	TSX
August 9, 2019	14:27:43	EDT	200	1.98	CAD	TSX
August 9, 2019	14:27:43	EDT	200	1.98	CAD	TSX
August 9, 2019	14:27:43	EDT	7000	1.98	CAD	TSX
August 9, 2019	14:41:11	EDT	200	1.975	CAD	TSX
August 9, 2019	14:41:11	EDT	200	1.98	CAD	TSX
August 9, 2019	14:41:11	EDT	400	1.98	CAD	TSX
August 9, 2019	14:41:11	EDT	5100	1.98	CAD	TSX
August 9, 2019	14:43:13	EDT	200	1.98	CAD	TSX
August 9, 2019	14:43:13	EDT	800	1.98	CAD	TSX
August 9, 2019	14:46:15	EDT	400	1.98	CAD	TSX
August 9, 2019	14:46:15	EDT	500	1.98	CAD	NEO
August 9, 2019	14:49:16	EDT	100	1.98	CAD	TSX
August 9, 2019	14:49:16	EDT	300	1.98	CAD	TSX
August 9, 2019	14:49:16	EDT	200	1.98	CAD	TSX
August 9, 2019	14:49:16	EDT	200	1.98	CAD	TSX
August 9, 2019	14:49:16	EDT	400	1.98	CAD	TSX
August 9, 2019	14:49:16	EDT	100	1.98	CAD	TSX
August 9, 2019	14:51:18	EDT	200	1.975	CAD	TSX
August 9, 2019	14:51:18	EDT	400	1.98	CAD	TSX
August 9, 2019	14:51:18	EDT	200	1.98	CAD	TSX
August 9, 2019	14:55:21	EDT	1300	1.98	CAD	Pure
August 9, 2019	14:58:24	EDT	1100	1.98	CAD	Pure
August 9, 2019	14:58:24	EDT	300	1.98	CAD	NEO
August 9, 2019	15:00:27	EDT	200	1.98	CAD	TSX
August 9, 2019	15:00:27	EDT	1000	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	1000	1.98	CAD	Chi-X
August 9, 2019	15:00:58	EDT	300	1.98	CAD	NEO
August 9, 2019	15:00:58	EDT	1000	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	400	1.98	CAD	Pure
August 9, 2019	15:00:58	EDT	200	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	300	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	200	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	400	1.98	CAD	Chi-X
August 9, 2019	15:00:58	EDT	600	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	1000	1.98	CAD	Chi-X
August 9, 2019	15:00:58	EDT	300	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	900	1.98	CAD	NEO



August 9, 2019	15:00:58	EDT	200	1.98	CAD	Chi-X
August 9, 2019	15:00:58	EDT	5000	1.98	CAD	Alpha
August 9, 2019	15:00:58	EDT	100	1.98	CAD	TSX
August 9, 2019	15:00:58	EDT	300	1.98	CAD	Chi-X
August 9, 2019	15:00:58	EDT	300	1.98	CAD	Chi-X
August 9, 2019	15:00:58	EDT	200	1.98	CAD	Omega
August 9, 2019	15:01:00	EDT	2200	1.98	CAD	TSX
August 9, 2019	15:01:00	EDT	600	1.98	CAD	NEO
August 9, 2019	15:01:01	EDT	1700	1.98	CAD	NEO
August 9, 2019	15:01:01	EDT	25	1.98	CAD	TSX