

## GRAN TIERRA ENERGY INC.

### Company Announcement – Transaction in Own Shares

May 14, 2019

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

The following transactions were made under the NCIB during the period May 6, 2019 to May 10, 2019:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
May 6, 2019	167,525	\$3.02	\$505,389.50
May 7, 2019	167,525	\$2.88	\$481,961.50
May 8, 2019	167,525	\$2.93	\$490,594.00
May 9, 2019	167,525	\$2.95	\$493,820.50
May 10, 2019	167,525	\$2.90	\$485,767.25

### Exchange Aggregated Data

	Platform	May 6, 2019	May 7, 2019	May 8, 2019	May 9, 2019	May 10, 2019
<b>Volume</b>	TSX	64,125	63,425	76,125	60,225	73,525
	Pure	6,900	5,000	1,100	3,600	5,000
	Chi-X	35,900	19,600	22,700	17,400	26,100
	Omega	8,100	0	2,800	6,900	2,400
	LYNX	0	0	100	100	0
	NEO	52,500	79,500	64,700	79,300	60,500
<b>Volume weighted average price (CAD)</b>	TSX	\$3.02	\$2.88	\$2.93	\$2.95	\$2.90
	Pure	\$3.02	\$2.90	\$2.92	\$2.95	\$2.90
	Chi-X	\$3.02	\$2.88	\$2.92	\$2.95	\$2.90
	Omega	\$3.01	-	\$2.93	\$2.95	\$2.89
	LYNX	-	-	\$2.92	\$2.97	-
	NEO	\$3.01	\$2.87	\$2.93	\$2.95	\$2.90

All transactions were made under ISIN US38500T1016 and effected by RBC Dominion Securities Inc. on behalf of Gran Tierra. A full breakdown of the individual trades is attached to this announcement. Gran Tierra intends to cancel all of the purchased shares. Following the above transactions, Gran Tierra will have 380,143,207 issued and outstanding shares.

**Contact Information:**

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<b>Date</b>	<b>Transaction Time</b>	<b>Time Zone</b>	<b>Volume</b>	<b>Price</b>	<b>Currency</b>	<b>Platform</b>
May 6, 2019	09:31:01	EDT	100	3.00	CAD	Pure
May 6, 2019	09:31:18	EDT	300	2.98	CAD	NEO
May 6, 2019	09:33:30	EDT	800	3.00	CAD	TSX
May 6, 2019	09:33:30	EDT	300	3.00	CAD	NEO
May 6, 2019	09:33:30	EDT	600	3.00	CAD	NEO
May 6, 2019	09:34:06	EDT	1100	3.00	CAD	TSX
May 6, 2019	09:34:06	EDT	900	3.00	CAD	NEO
May 6, 2019	09:34:06	EDT	200	3.00	CAD	NEO
May 6, 2019	09:35:16	EDT	800	2.99	CAD	TSX
May 6, 2019	09:35:16	EDT	200	2.99	CAD	TSX
May 6, 2019	09:35:16	EDT	900	2.99	CAD	NEO
May 6, 2019	09:35:16	EDT	200	2.99	CAD	NEO
May 6, 2019	09:37:10	EDT	400	2.99	CAD	TSX
May 6, 2019	09:37:10	EDT	100	2.99	CAD	TSX
May 6, 2019	09:37:10	EDT	100	2.99	CAD	TSX
May 6, 2019	09:37:10	EDT	800	2.99	CAD	NEO
May 6, 2019	09:37:10	EDT	300	2.99	CAD	TSX
May 6, 2019	09:37:10	EDT	100	2.99	CAD	TSX
May 6, 2019	09:37:10	EDT	200	2.99	CAD	NEO
May 6, 2019	09:43:09	EDT	700	3.00	CAD	TSX
May 6, 2019	09:43:09	EDT	400	3.00	CAD	Chi-X
May 6, 2019	09:43:09	EDT	100	3.00	CAD	TSX
May 6, 2019	09:43:09	EDT	1000	3.00	CAD	TSX
May 6, 2019	09:43:09	EDT	200	3.00	CAD	Chi-X
May 6, 2019	09:43:09	EDT	200	3.00	CAD	Chi-X
May 6, 2019	09:43:09	EDT	800	3.00	CAD	TSX
May 6, 2019	09:43:09	EDT	500	3.00	CAD	TSX
May 6, 2019	09:44:14	EDT	700	3.00	CAD	TSX
May 6, 2019	09:44:14	EDT	500	3.00	CAD	TSX
May 6, 2019	09:45:13	EDT	1400	3.00	CAD	NEO
May 6, 2019	09:45:13	EDT	100	3.00	CAD	TSX
May 6, 2019	09:45:13	EDT	1200	3.00	CAD	TSX
May 6, 2019	09:45:13	EDT	400	3.00	CAD	TSX
May 6, 2019	09:45:13	EDT	400	3.00	CAD	NEO
May 6, 2019	09:47:57	EDT	1000	3.00	CAD	TSX
May 6, 2019	09:47:57	EDT	700	3.00	CAD	NEO
May 6, 2019	09:47:57	EDT	200	3.00	CAD	NEO
May 6, 2019	09:47:57	EDT	100	3.00	CAD	NEO
May 6, 2019	09:48:08	EDT	900	2.99	CAD	TSX
May 6, 2019	09:52:52	EDT	700	2.99	CAD	NEO
May 6, 2019	09:53:10	EDT	100	3.00	CAD	Chi-X
May 6, 2019	09:53:10	EDT	100	3.00	CAD	Chi-X
May 6, 2019	09:53:10	EDT	700	3.00	CAD	Chi-X
May 6, 2019	09:56:15	EDT	500	3.02	CAD	TSX
May 6, 2019	09:56:15	EDT	300	3.02	CAD	TSX
May 6, 2019	09:56:15	EDT	500	3.02	CAD	NEO
May 6, 2019	09:56:15	EDT	1000	3.02	CAD	TSX

May 6, 2019	09:56:49	EDT	700	3.01	CAD	NEO
May 6, 2019	09:56:49	EDT	200	3.01	CAD	NEO
May 6, 2019	09:56:49	EDT	1800	3.01	CAD	TSX
May 6, 2019	09:56:49	EDT	800	3.01	CAD	NEO
May 6, 2019	09:56:49	EDT	100	3.01	CAD	NEO
May 6, 2019	10:00:57	EDT	1000	3.01	CAD	TSX
May 6, 2019	10:00:57	EDT	700	3.01	CAD	NEO
May 6, 2019	10:00:57	EDT	300	3.01	CAD	NEO
May 6, 2019	10:00:57	EDT	100	3.01	CAD	NEO
May 6, 2019	10:04:19	EDT	900	3.00	CAD	Omega
May 6, 2019	10:04:19	EDT	300	3.00	CAD	Omega
May 6, 2019	10:06:22	EDT	100	3.01	CAD	Pure
May 6, 2019	10:06:22	EDT	1200	3.01	CAD	NEO
May 6, 2019	10:06:22	EDT	200	3.01	CAD	Chi-X
May 6, 2019	10:07:24	EDT	700	3.01	CAD	NEO
May 6, 2019	10:07:24	EDT	400	3.01	CAD	NEO
May 6, 2019	10:11:41	EDT	2800	3.01	CAD	TSX
May 6, 2019	10:11:41	EDT	2700	3.01	CAD	NEO
May 6, 2019	10:11:41	EDT	300	3.01	CAD	TSX
May 6, 2019	10:11:41	EDT	400	3.01	CAD	NEO
May 6, 2019	10:18:50	EDT	900	3.03	CAD	TSX
May 6, 2019	10:18:50	EDT	200	3.03	CAD	NEO
May 6, 2019	10:18:50	EDT	800	3.03	CAD	NEO
May 6, 2019	10:18:50	EDT	100	3.03	CAD	TSX
May 6, 2019	10:19:40	EDT	800	3.02	CAD	NEO
May 6, 2019	10:19:40	EDT	800	3.02	CAD	TSX
May 6, 2019	10:19:58	EDT	100	3.02	CAD	TSX
May 6, 2019	10:20:38	EDT	200	3.02	CAD	NEO
May 6, 2019	10:20:38	EDT	100	3.02	CAD	TSX
May 6, 2019	10:23:59	EDT	1000	3.01	CAD	TSX
May 6, 2019	10:23:59	EDT	100	3.01	CAD	NEO
May 6, 2019	10:23:59	EDT	900	3.01	CAD	NEO
May 6, 2019	10:38:16	EDT	1000	3.00	CAD	Chi-X
May 6, 2019	10:38:16	EDT	600	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	700	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	800	3.00	CAD	Chi-X
May 6, 2019	10:38:16	EDT	1100	3.00	CAD	Chi-X
May 6, 2019	10:38:16	EDT	1000	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	100	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	200	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	700	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	400	3.00	CAD	TSX
May 6, 2019	10:38:16	EDT	100	3.00	CAD	NEO
May 6, 2019	10:38:58	EDT	1300	3.00	CAD	NEO
May 6, 2019	10:38:58	EDT	300	3.00	CAD	NEO
May 6, 2019	10:38:58	EDT	400	3.00	CAD	TSX
May 6, 2019	10:38:58	EDT	100	3.00	CAD	TSX
May 6, 2019	10:38:58	EDT	1300	3.00	CAD	TSX
May 6, 2019	10:38:58	EDT	100	3.00	CAD	Chi-X
May 6, 2019	10:47:35	EDT	700	3.00	CAD	Chi-X

May 6, 2019	10:47:35	EDT	400	3.00	CAD	Pure
May 6, 2019	10:47:35	EDT	600	3.00	CAD	Pure
May 6, 2019	10:47:35	EDT	500	3.00	CAD	Chi-X
May 6, 2019	10:50:41	EDT	600	3.00	CAD	TSX
May 6, 2019	10:50:41	EDT	800	3.00	CAD	Chi-X
May 6, 2019	10:50:41	EDT	400	3.00	CAD	TSX
May 6, 2019	10:51:43	EDT	800	3.00	CAD	Chi-X
May 6, 2019	10:51:43	EDT	100	3.00	CAD	Chi-X
May 6, 2019	10:53:47	EDT	700	3.00	CAD	Chi-X
May 6, 2019	10:53:47	EDT	600	3.00	CAD	Chi-X
May 6, 2019	10:53:52	EDT	1600	3.00	CAD	TSX
May 6, 2019	10:54:11	EDT	700	3.00	CAD	NEO
May 6, 2019	10:55:13	EDT	100	3.00	CAD	TSX
May 6, 2019	10:55:13	EDT	100	3.00	CAD	NEO
May 6, 2019	10:55:13	EDT	200	3.00	CAD	TSX
May 6, 2019	10:55:13	EDT	1100	3.00	CAD	TSX
May 6, 2019	10:55:13	EDT	1100	3.00	CAD	NEO
May 6, 2019	10:55:22	EDT	200	3.00	CAD	NEO
May 6, 2019	11:06:32	EDT	100	3.00	CAD	NEO
May 6, 2019	11:06:32	EDT	1600	3.00	CAD	TSX
May 6, 2019	11:06:32	EDT	2500	3.00	CAD	TSX
May 6, 2019	11:06:32	EDT	100	3.00	CAD	NEO
May 6, 2019	11:06:32	EDT	1200	3.00	CAD	NEO
May 6, 2019	11:06:32	EDT	1000	3.00	CAD	NEO
May 6, 2019	11:06:32	EDT	1700	3.00	CAD	NEO
May 6, 2019	11:12:21	EDT	100	2.99	CAD	NEO
May 6, 2019	11:13:27	EDT	600	3.00	CAD	Pure
May 6, 2019	11:13:27	EDT	100	3.00	CAD	Chi-X
May 6, 2019	11:13:27	EDT	800	3.00	CAD	Chi-X
May 6, 2019	11:13:27	EDT	400	3.00	CAD	Pure
May 6, 2019	11:13:27	EDT	500	3.00	CAD	Chi-X
May 6, 2019	11:14:30	EDT	500	3.00	CAD	TSX
May 6, 2019	11:14:30	EDT	400	3.00	CAD	TSX
May 6, 2019	11:14:35	EDT	1700	3.00	CAD	TSX
May 6, 2019	11:14:35	EDT	300	3.00	CAD	NEO
May 6, 2019	11:14:35	EDT	100	3.00	CAD	TSX
May 6, 2019	11:14:35	EDT	1300	3.00	CAD	NEO
May 6, 2019	11:14:35	EDT	200	3.00	CAD	NEO
May 6, 2019	11:16:57	EDT	800	3.00	CAD	TSX
May 6, 2019	11:18:20	EDT	700	3.00	CAD	NEO
May 6, 2019	11:18:20	EDT	200	3.00	CAD	TSX
May 6, 2019	11:18:20	EDT	300	3.00	CAD	NEO
May 6, 2019	11:22:17	EDT	100	2.99	CAD	NEO
May 6, 2019	11:23:59	EDT	100	2.99	CAD	NEO
May 6, 2019	11:27:52	EDT	100	2.99	CAD	NEO
May 6, 2019	11:28:45	EDT	100	2.99	CAD	NEO
May 6, 2019	11:31:32	EDT	100	2.99	CAD	NEO
May 6, 2019	11:32:34	EDT	100	2.99	CAD	NEO
May 6, 2019	11:33:58	EDT	100	2.99	CAD	NEO
May 6, 2019	11:34:05	EDT	1500	2.99	CAD	NEO

May 6, 2019	11:34:13	EDT	100	2.99	CAD	NEO
May 6, 2019	11:38:54	EDT	100	3.00	CAD	Chi-X
May 6, 2019	11:38:54	EDT	1200	3.00	CAD	NEO
May 6, 2019	11:38:54	EDT	700	3.00	CAD	NEO
May 6, 2019	11:38:54	EDT	300	3.00	CAD	Chi-X
May 6, 2019	11:38:54	EDT	100	3.00	CAD	NEO
May 6, 2019	11:38:54	EDT	800	3.00	CAD	Chi-X
May 6, 2019	11:38:54	EDT	1600	3.00	CAD	Chi-X
May 6, 2019	11:38:54	EDT	100	3.00	CAD	Chi-X
May 6, 2019	11:39:07	EDT	900	3.00	CAD	TSX
May 6, 2019	11:39:07	EDT	100	3.00	CAD	TSX
May 6, 2019	11:39:07	EDT	200	3.00	CAD	NEO
May 6, 2019	11:39:07	EDT	200	3.00	CAD	NEO
May 6, 2019	11:39:07	EDT	700	3.00	CAD	NEO
May 6, 2019	11:51:18	EDT	400	2.99	CAD	NEO
May 6, 2019	11:51:18	EDT	900	2.99	CAD	TSX
May 6, 2019	11:51:18	EDT	900	2.99	CAD	TSX
May 6, 2019	11:51:18	EDT	600	2.99	CAD	TSX
May 6, 2019	11:51:18	EDT	1300	2.99	CAD	NEO
May 6, 2019	11:51:18	EDT	500	2.99	CAD	NEO
May 6, 2019	11:51:18	EDT	200	2.99	CAD	NEO
May 6, 2019	12:07:05	EDT	900	2.99	CAD	NEO
May 6, 2019	12:07:05	EDT	1500	2.99	CAD	Omega
May 6, 2019	12:15:10	EDT	100	2.99	CAD	NEO
May 6, 2019	12:15:50	EDT	100	2.99	CAD	TSX
May 6, 2019	12:15:50	EDT	100	2.99	CAD	TSX
May 6, 2019	12:18:52	EDT	100	2.99	CAD	NEO
May 6, 2019	12:24:53	EDT	100	2.99	CAD	NEO
May 6, 2019	12:26:42	EDT	100	2.99	CAD	NEO
May 6, 2019	12:30:04	EDT	100	2.99	CAD	NEO
May 6, 2019	12:30:42	EDT	100	2.99	CAD	TSX
May 6, 2019	12:32:00	EDT	100	2.99	CAD	TSX
May 6, 2019	12:32:30	EDT	100	2.99	CAD	NEO
May 6, 2019	12:32:30	EDT	200	2.99	CAD	TSX
May 6, 2019	12:35:36	EDT	100	2.99	CAD	TSX
May 6, 2019	12:35:36	EDT	200	2.99	CAD	NEO
May 6, 2019	12:37:09	EDT	100	2.99	CAD	TSX
May 6, 2019	12:39:20	EDT	100	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	600	3.00	CAD	Pure
May 6, 2019	12:39:20	EDT	800	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	400	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	100	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	1800	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	1500	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	400	3.00	CAD	Chi-X
May 6, 2019	12:39:20	EDT	100	3.00	CAD	NEO
May 6, 2019	12:39:20	EDT	400	3.00	CAD	Pure
May 6, 2019	12:39:20	EDT	1200	3.00	CAD	NEO
May 6, 2019	12:39:20	EDT	1500	3.00	CAD	Omega
May 6, 2019	12:39:20	EDT	400	3.00	CAD	Omega

May 6, 2019	12:41:21	EDT	900	3.00	CAD	Chi-X
May 6, 2019	12:46:23	EDT	1100	3.02	CAD	Omega
May 6, 2019	12:51:32	EDT	300	3.03	CAD	Chi-X
May 6, 2019	12:51:32	EDT	1300	3.03	CAD	Chi-X
May 6, 2019	12:51:32	EDT	600	3.03	CAD	Chi-X
May 6, 2019	12:56:38	EDT	800	3.04	CAD	Chi-X
May 6, 2019	12:56:38	EDT	600	3.04	CAD	Pure
May 6, 2019	12:56:38	EDT	400	3.04	CAD	Pure
May 6, 2019	13:01:26	EDT	1800	3.04	CAD	TSX
May 6, 2019	13:01:26	EDT	100	3.04	CAD	NEO
May 6, 2019	13:01:26	EDT	100	3.04	CAD	NEO
May 6, 2019	13:01:26	EDT	400	3.04	CAD	TSX
May 6, 2019	13:01:26	EDT	400	3.04	CAD	NEO
May 6, 2019	13:01:26	EDT	200	3.04	CAD	NEO
May 6, 2019	13:01:26	EDT	1000	3.04	CAD	NEO
May 6, 2019	13:01:26	EDT	500	3.04	CAD	NEO
May 6, 2019	13:17:33	EDT	100	3.03	CAD	NEO
May 6, 2019	13:23:40	EDT	100	3.04	CAD	Chi-X
May 6, 2019	13:23:40	EDT	100	3.04	CAD	NEO
May 6, 2019	13:23:40	EDT	100	3.04	CAD	NEO
May 6, 2019	13:23:40	EDT	3300	3.04	CAD	Chi-X
May 6, 2019	13:43:05	EDT	100	3.06	CAD	NEO
May 6, 2019	13:43:05	EDT	800	3.06	CAD	Chi-X
May 6, 2019	13:43:05	EDT	600	3.06	CAD	TSX
May 6, 2019	13:43:05	EDT	100	3.06	CAD	Chi-X
May 6, 2019	13:43:06	EDT	1000	3.06	CAD	Chi-X
May 6, 2019	13:43:06	EDT	100	3.06	CAD	NEO
May 6, 2019	13:43:06	EDT	100	3.06	CAD	Chi-X
May 6, 2019	13:43:06	EDT	1500	3.06	CAD	Chi-X
May 6, 2019	13:43:06	EDT	100	3.06	CAD	Chi-X
May 6, 2019	13:43:06	EDT	100	3.06	CAD	Chi-X
May 6, 2019	13:43:06	EDT	100	3.06	CAD	Chi-X
May 6, 2019	13:46:07	EDT	800	3.07	CAD	Chi-X
May 6, 2019	13:51:09	EDT	1000	3.07	CAD	Omega
May 6, 2019	13:55:37	EDT	100	3.06	CAD	NEO
May 6, 2019	13:55:37	EDT	100	3.06	CAD	NEO
May 6, 2019	13:55:37	EDT	2400	3.06	CAD	TSX
May 6, 2019	13:55:37	EDT	100	3.06	CAD	NEO
May 6, 2019	13:55:37	EDT	2100	3.06	CAD	NEO
May 6, 2019	13:55:37	EDT	100	3.06	CAD	NEO
May 6, 2019	14:12:34	EDT	600	3.06	CAD	Pure
May 6, 2019	14:12:34	EDT	400	3.06	CAD	Pure
May 6, 2019	14:13:18	EDT	1500	3.05	CAD	TSX
May 6, 2019	14:13:18	EDT	1600	3.05	CAD	NEO
May 6, 2019	14:17:16	EDT	200	3.04	CAD	TSX
May 6, 2019	14:17:16	EDT	500	3.04	CAD	TSX
May 6, 2019	14:17:16	EDT	300	3.04	CAD	NEO
May 6, 2019	14:17:16	EDT	300	3.04	CAD	TSX
May 6, 2019	14:17:16	EDT	400	3.04	CAD	NEO
May 6, 2019	14:17:16	EDT	300	3.04	CAD	NEO

May 6, 2019	14:27:50	EDT	1400	3.03	CAD	Omega
May 6, 2019	14:30:52	EDT	1300	3.04	CAD	TSX
May 6, 2019	14:39:02	EDT	200	3.04	CAD	Chi-X
May 6, 2019	14:39:02	EDT	800	3.04	CAD	Chi-X
May 6, 2019	14:39:02	EDT	200	3.04	CAD	TSX
May 6, 2019	14:39:02	EDT	1500	3.04	CAD	Chi-X
May 6, 2019	14:39:02	EDT	100	3.04	CAD	Chi-X
May 6, 2019	14:45:08	EDT	200	3.04	CAD	Chi-X
May 6, 2019	14:45:08	EDT	100	3.04	CAD	NEO
May 6, 2019	14:45:08	EDT	100	3.04	CAD	Chi-X
May 6, 2019	14:45:08	EDT	1000	3.04	CAD	Pure
May 6, 2019	14:45:08	EDT	100	3.04	CAD	Chi-X
May 6, 2019	14:45:08	EDT	100	3.04	CAD	NEO
May 6, 2019	14:45:08	EDT	100	3.04	CAD	Chi-X
May 6, 2019	14:45:08	EDT	200	3.04	CAD	Chi-X
May 6, 2019	14:47:10	EDT	100	3.04	CAD	NEO
May 6, 2019	14:47:10	EDT	500	3.04	CAD	Pure
May 6, 2019	14:47:10	EDT	200	3.04	CAD	Pure
May 6, 2019	14:47:10	EDT	100	3.04	CAD	NEO
May 6, 2019	14:50:12	EDT	800	3.05	CAD	NEO
May 6, 2019	14:50:12	EDT	100	3.05	CAD	NEO
May 6, 2019	14:53:14	EDT	1100	3.05	CAD	TSX
May 6, 2019	14:56:16	EDT	500	3.05	CAD	TSX
May 6, 2019	14:56:16	EDT	400	3.05	CAD	TSX
May 6, 2019	14:56:38	EDT	1400	3.05	CAD	TSX
May 6, 2019	14:56:38	EDT	400	3.05	CAD	NEO
May 6, 2019	14:56:38	EDT	1400	3.05	CAD	NEO
May 6, 2019	14:57:14	EDT	400	3.05	CAD	TSX
May 6, 2019	15:06:03	EDT	200	3.06	CAD	NEO
May 6, 2019	15:06:03	EDT	1000	3.06	CAD	TSX
May 6, 2019	15:06:03	EDT	600	3.06	CAD	TSX
May 6, 2019	15:06:03	EDT	2400	3.06	CAD	TSX
May 6, 2019	15:06:03	EDT	700	3.06	CAD	TSX
May 6, 2019	15:06:03	EDT	25	3.06	CAD	TSX
May 6, 2019	15:06:04	EDT	100	3.06	CAD	Chi-X
May 6, 2019	15:06:04	EDT	600	3.06	CAD	Chi-X
May 6, 2019	15:06:04	EDT	100	3.06	CAD	Chi-X
May 6, 2019	15:06:04	EDT	100	3.06	CAD	TSX
May 6, 2019	15:06:04	EDT	1400	3.06	CAD	Chi-X
May 6, 2019	15:06:04	EDT	500	3.06	CAD	TSX
May 6, 2019	15:06:04	EDT	100	3.06	CAD	TSX
May 6, 2019	15:06:04	EDT	1000	3.06	CAD	TSX
May 6, 2019	15:06:04	EDT	100	3.06	CAD	TSX
May 6, 2019	15:06:04	EDT	600	3.06	CAD	TSX
May 7, 2019	09:35:46	EDT	2700	2.94	CAD	TSX
May 7, 2019	09:35:46	EDT	600	2.94	CAD	NEO
May 7, 2019	09:35:46	EDT	2800	2.94	CAD	NEO
May 7, 2019	09:35:46	EDT	600	2.94	CAD	TSX
May 7, 2019	09:41:11	EDT	200	2.94	CAD	NEO
May 7, 2019	09:41:11	EDT	1400	2.94	CAD	TSX



May 7, 2019	09:41:11	EDT	1900	2.94	CAD	TSX
May 7, 2019	09:41:11	EDT	1800	2.94	CAD	NEO
May 7, 2019	09:41:11	EDT	1200	2.94	CAD	NEO
May 7, 2019	09:41:11	EDT	100	2.94	CAD	NEO
May 7, 2019	09:45:25	EDT	500	2.94	CAD	TSX
May 7, 2019	09:45:25	EDT	1100	2.94	CAD	NEO
May 7, 2019	09:46:35	EDT	300	2.94	CAD	NEO
May 7, 2019	09:46:35	EDT	200	2.94	CAD	TSX
May 7, 2019	09:46:35	EDT	100	2.94	CAD	NEO
May 7, 2019	09:46:35	EDT	1300	2.94	CAD	NEO
May 7, 2019	09:46:35	EDT	1700	2.94	CAD	TSX
May 7, 2019	09:46:35	EDT	300	2.94	CAD	NEO
May 7, 2019	09:49:14	EDT	1000	2.93	CAD	TSX
May 7, 2019	09:49:14	EDT	200	2.93	CAD	NEO
May 7, 2019	09:49:14	EDT	800	2.93	CAD	NEO
May 7, 2019	09:51:14	EDT	900	2.89	CAD	TSX
May 7, 2019	09:51:14	EDT	800	2.89	CAD	NEO
May 7, 2019	09:51:14	EDT	200	2.89	CAD	NEO
May 7, 2019	09:51:14	EDT	100	2.89	CAD	TSX
May 7, 2019	09:56:57	EDT	600	2.94	CAD	Pure
May 7, 2019	09:56:57	EDT	300	2.94	CAD	NEO
May 7, 2019	09:56:57	EDT	400	2.94	CAD	Pure
May 7, 2019	09:56:57	EDT	100	2.94	CAD	Pure
May 7, 2019	09:56:57	EDT	100	2.94	CAD	NEO
May 7, 2019	09:58:43	EDT	1600	2.93	CAD	TSX
May 7, 2019	09:58:43	EDT	200	2.93	CAD	NEO
May 7, 2019	09:58:43	EDT	200	2.93	CAD	TSX
May 7, 2019	09:58:43	EDT	600	2.93	CAD	NEO
May 7, 2019	09:58:43	EDT	700	2.93	CAD	NEO
May 7, 2019	09:58:43	EDT	300	2.93	CAD	NEO
May 7, 2019	10:00:45	EDT	1000	2.91	CAD	TSX
May 7, 2019	10:00:45	EDT	700	2.91	CAD	NEO
May 7, 2019	10:00:45	EDT	300	2.91	CAD	NEO
May 7, 2019	10:02:11	EDT	1000	2.88	CAD	TSX
May 7, 2019	10:02:11	EDT	300	2.88	CAD	NEO
May 7, 2019	10:02:11	EDT	700	2.88	CAD	NEO
May 7, 2019	10:04:16	EDT	800	2.87	CAD	TSX
May 7, 2019	10:04:16	EDT	200	2.87	CAD	NEO
May 7, 2019	10:04:16	EDT	900	2.87	CAD	NEO
May 7, 2019	10:04:16	EDT	100	2.87	CAD	TSX
May 7, 2019	10:04:24	EDT	100	2.87	CAD	TSX
May 7, 2019	10:06:40	EDT	100	2.85	CAD	NEO
May 7, 2019	10:06:41	EDT	1000	2.85	CAD	TSX
May 7, 2019	10:06:41	EDT	100	2.85	CAD	NEO
May 7, 2019	10:06:41	EDT	800	2.85	CAD	NEO
May 7, 2019	10:11:08	EDT	800	2.84	CAD	TSX
May 7, 2019	10:11:08	EDT	900	2.84	CAD	NEO
May 7, 2019	10:11:08	EDT	200	2.84	CAD	TSX
May 7, 2019	10:11:08	EDT	200	2.84	CAD	NEO
May 7, 2019	10:15:38	EDT	1000	2.83	CAD	TSX

May 7, 2019	10:15:38	EDT	800	2.83	CAD	NEO
May 7, 2019	10:15:38	EDT	200	2.83	CAD	NEO
May 7, 2019	10:17:36	EDT	800	2.81	CAD	NEO
May 7, 2019	10:17:37	EDT	100	2.81	CAD	NEO
May 7, 2019	10:17:37	EDT	1000	2.81	CAD	TSX
May 7, 2019	10:17:37	EDT	100	2.81	CAD	NEO
May 7, 2019	10:21:21	EDT	1000	2.82	CAD	TSX
May 7, 2019	10:21:21	EDT	900	2.82	CAD	NEO
May 7, 2019	10:21:21	EDT	100	2.82	CAD	NEO
May 7, 2019	10:24:53	EDT	200	2.84	CAD	TSX
May 7, 2019	10:24:53	EDT	100	2.84	CAD	NEO
May 7, 2019	10:24:53	EDT	100	2.84	CAD	NEO
May 7, 2019	10:24:53	EDT	700	2.84	CAD	NEO
May 7, 2019	10:24:53	EDT	800	2.84	CAD	TSX
May 7, 2019	10:24:53	EDT	100	2.84	CAD	NEO
May 7, 2019	10:28:24	EDT	200	2.84	CAD	TSX
May 7, 2019	10:28:24	EDT	100	2.84	CAD	NEO
May 7, 2019	10:28:24	EDT	100	2.84	CAD	NEO
May 7, 2019	10:28:24	EDT	100	2.84	CAD	NEO
May 7, 2019	10:28:24	EDT	600	2.84	CAD	TSX
May 7, 2019	10:28:24	EDT	300	2.84	CAD	NEO
May 7, 2019	10:28:24	EDT	200	2.84	CAD	TSX
May 7, 2019	10:28:24	EDT	200	2.84	CAD	NEO
May 7, 2019	10:28:24	EDT	300	2.84	CAD	NEO
May 7, 2019	10:31:22	EDT	1000	2.84	CAD	TSX
May 7, 2019	10:31:22	EDT	900	2.84	CAD	NEO
May 7, 2019	10:31:22	EDT	100	2.84	CAD	NEO
May 7, 2019	10:35:28	EDT	700	2.84	CAD	NEO
May 7, 2019	10:35:28	EDT	300	2.84	CAD	TSX
May 7, 2019	10:35:28	EDT	300	2.84	CAD	NEO
May 7, 2019	10:35:28	EDT	100	2.84	CAD	NEO
May 7, 2019	10:35:28	EDT	700	2.84	CAD	TSX
May 7, 2019	10:38:28	EDT	100	2.84	CAD	NEO
May 7, 2019	10:38:28	EDT	100	2.84	CAD	NEO
May 7, 2019	10:38:28	EDT	900	2.84	CAD	TSX
May 7, 2019	10:38:28	EDT	800	2.84	CAD	NEO
May 7, 2019	10:38:28	EDT	100	2.84	CAD	TSX
May 7, 2019	10:44:50	EDT	100	2.86	CAD	Chi-X
May 7, 2019	10:44:50	EDT	800	2.86	CAD	Chi-X
May 7, 2019	10:44:50	EDT	100	2.86	CAD	Chi-X
May 7, 2019	10:44:50	EDT	800	2.86	CAD	Chi-X
May 7, 2019	10:48:55	EDT	100	2.86	CAD	NEO
May 7, 2019	10:48:57	EDT	500	2.86	CAD	NEO
May 7, 2019	10:49:05	EDT	700	2.86	CAD	NEO
May 7, 2019	10:49:05	EDT	1900	2.86	CAD	TSX
May 7, 2019	10:49:05	EDT	500	2.86	CAD	NEO
May 7, 2019	10:49:05	EDT	1300	2.86	CAD	NEO
May 7, 2019	10:49:05	EDT	700	2.86	CAD	TSX
May 7, 2019	10:49:05	EDT	200	2.86	CAD	NEO
May 7, 2019	10:54:34	EDT	700	2.84	CAD	TSX

May 7, 2019	10:54:34	EDT	100	2.84	CAD	NEO
May 7, 2019	10:54:34	EDT	800	2.84	CAD	NEO
May 7, 2019	10:54:34	EDT	300	2.84	CAD	TSX
May 7, 2019	10:54:34	EDT	200	2.84	CAD	NEO
May 7, 2019	11:00:08	EDT	100	2.84	CAD	NEO
May 7, 2019	11:00:08	EDT	200	2.84	CAD	NEO
May 7, 2019	11:00:08	EDT	100	2.84	CAD	NEO
May 7, 2019	11:03:42	EDT	800	2.84	CAD	TSX
May 7, 2019	11:03:42	EDT	900	2.84	CAD	TSX
May 7, 2019	11:03:42	EDT	600	2.84	CAD	TSX
May 7, 2019	11:03:42	EDT	700	2.84	CAD	TSX
May 7, 2019	11:03:51	EDT	3000	2.84	CAD	NEO
May 7, 2019	11:03:52	EDT	900	2.84	CAD	TSX
May 7, 2019	11:03:52	EDT	1000	2.84	CAD	NEO
May 7, 2019	11:06:23	EDT	500	2.82	CAD	TSX
May 7, 2019	11:06:23	EDT	700	2.82	CAD	NEO
May 7, 2019	11:06:56	EDT	100	2.82	CAD	NEO
May 7, 2019	11:06:58	EDT	100	2.82	CAD	NEO
May 7, 2019	11:10:49	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:35	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:37	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:41	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:45	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:49	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:52	EDT	100	2.82	CAD	NEO
May 7, 2019	11:12:55	EDT	100	2.82	CAD	NEO
May 7, 2019	11:13:09	EDT	100	2.82	CAD	NEO
May 7, 2019	11:13:13	EDT	100	2.82	CAD	NEO
May 7, 2019	11:13:49	EDT	600	2.82	CAD	NEO
May 7, 2019	11:14:35	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:39	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:43	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:45	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:47	EDT	300	2.82	CAD	NEO
May 7, 2019	11:14:49	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:53	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:57	EDT	100	2.82	CAD	NEO
May 7, 2019	11:14:59	EDT	100	2.82	CAD	NEO
May 7, 2019	11:15:03	EDT	100	2.82	CAD	NEO
May 7, 2019	11:15:07	EDT	100	2.82	CAD	NEO
May 7, 2019	11:15:11	EDT	100	2.82	CAD	NEO
May 7, 2019	11:15:15	EDT	100	2.82	CAD	NEO
May 7, 2019	11:15:19	EDT	100	2.82	CAD	NEO
May 7, 2019	11:15:21	EDT	1100	2.82	CAD	NEO
May 7, 2019	11:15:37	EDT	100	2.83	CAD	NEO
May 7, 2019	11:15:37	EDT	200	2.83	CAD	TSX
May 7, 2019	11:15:37	EDT	200	2.83	CAD	NEO
May 7, 2019	11:15:37	EDT	200	2.83	CAD	TSX
May 7, 2019	11:15:37	EDT	400	2.83	CAD	TSX
May 7, 2019	11:15:37	EDT	200	2.83	CAD	TSX

May 7, 2019	11:21:51	EDT	400	2.85	CAD	NEO
May 7, 2019	11:21:51	EDT	300	2.85	CAD	NEO
May 7, 2019	11:21:51	EDT	100	2.85	CAD	NEO
May 7, 2019	11:21:51	EDT	200	2.85	CAD	NEO
May 7, 2019	11:21:51	EDT	300	2.85	CAD	Chi-X
May 7, 2019	11:21:51	EDT	200	2.85	CAD	Chi-X
May 7, 2019	11:21:51	EDT	300	2.85	CAD	Chi-X
May 7, 2019	11:21:51	EDT	500	2.85	CAD	Chi-X
May 7, 2019	11:21:51	EDT	200	2.85	CAD	Chi-X
May 7, 2019	11:21:51	EDT	1100	2.85	CAD	Chi-X
May 7, 2019	11:21:51	EDT	100	2.85	CAD	Chi-X
May 7, 2019	11:22:11	EDT	100	2.84	CAD	TSX
May 7, 2019	11:22:11	EDT	100	2.84	CAD	TSX
May 7, 2019	11:22:11	EDT	1600	2.84	CAD	TSX
May 7, 2019	11:22:11	EDT	1500	2.84	CAD	NEO
May 7, 2019	11:22:11	EDT	300	2.84	CAD	NEO
May 7, 2019	11:33:38	EDT	1800	2.84	CAD	TSX
May 7, 2019	11:33:38	EDT	100	2.84	CAD	TSX
May 7, 2019	11:33:38	EDT	1800	2.84	CAD	NEO
May 7, 2019	11:33:38	EDT	400	2.84	CAD	NEO
May 7, 2019	11:33:38	EDT	200	2.84	CAD	TSX
May 7, 2019	11:43:23	EDT	700	2.84	CAD	NEO
May 7, 2019	11:45:11	EDT	1800	2.85	CAD	TSX
May 7, 2019	11:45:16	EDT	100	2.85	CAD	TSX
May 7, 2019	11:45:16	EDT	100	2.85	CAD	NEO
May 7, 2019	11:45:25	EDT	1700	2.85	CAD	NEO
May 7, 2019	11:45:25	EDT	100	2.85	CAD	NEO
May 7, 2019	11:50:28	EDT	1000	2.85	CAD	TSX
May 7, 2019	11:50:28	EDT	1000	2.85	CAD	NEO
May 7, 2019	11:50:32	EDT	100	2.85	CAD	NEO
May 7, 2019	11:53:35	EDT	800	2.85	CAD	NEO
May 7, 2019	11:53:58	EDT	100	2.85	CAD	NEO
May 7, 2019	11:56:00	EDT	100	2.85	CAD	NEO
May 7, 2019	11:56:26	EDT	1000	2.85	CAD	TSX
May 7, 2019	12:06:42	EDT	100	2.86	CAD	NEO
May 7, 2019	12:06:42	EDT	100	2.86	CAD	NEO
May 7, 2019	12:06:42	EDT	100	2.86	CAD	NEO
May 7, 2019	12:06:42	EDT	100	2.86	CAD	NEO
May 7, 2019	12:06:42	EDT	200	2.86	CAD	NEO
May 7, 2019	12:06:42	EDT	300	2.86	CAD	NEO
May 7, 2019	12:08:43	EDT	100	2.87	CAD	NEO
May 7, 2019	12:08:43	EDT	600	2.87	CAD	Chi-X
May 7, 2019	12:08:43	EDT	500	2.87	CAD	Chi-X
May 7, 2019	12:08:43	EDT	100	2.86	CAD	NEO
May 7, 2019	12:09:47	EDT	300	2.87	CAD	NEO
May 7, 2019	12:09:56	EDT	600	2.87	CAD	NEO
May 7, 2019	12:10:27	EDT	200	2.87	CAD	NEO
May 7, 2019	12:11:16	EDT	400	2.87	CAD	NEO
May 7, 2019	12:11:39	EDT	200	2.87	CAD	NEO
May 7, 2019	12:11:55	EDT	100	2.87	CAD	NEO

May 7, 2019	12:13:44	EDT	1000	2.87	CAD	NEO
May 7, 2019	12:13:48	EDT	100	2.87	CAD	NEO
May 7, 2019	12:15:03	EDT	1300	2.87	CAD	TSX
May 7, 2019	12:15:03	EDT	100	2.87	CAD	NEO
May 7, 2019	12:25:17	EDT	800	2.85	CAD	TSX
May 7, 2019	12:27:49	EDT	800	2.87	CAD	Chi-X
May 7, 2019	12:27:50	EDT	300	2.87	CAD	Chi-X
May 7, 2019	12:27:50	EDT	100	2.87	CAD	Chi-X
May 7, 2019	12:30:12	EDT	100	2.87	CAD	TSX
May 7, 2019	12:30:12	EDT	600	2.87	CAD	NEO
May 7, 2019	12:32:52	EDT	100	2.88	CAD	TSX
May 7, 2019	12:32:52	EDT	500	2.88	CAD	TSX
May 7, 2019	12:32:52	EDT	200	2.88	CAD	TSX
May 7, 2019	12:34:41	EDT	100	2.87	CAD	NEO
May 7, 2019	12:34:54	EDT	1800	2.87	CAD	TSX
May 7, 2019	12:34:54	EDT	300	2.87	CAD	NEO
May 7, 2019	12:34:54	EDT	1400	2.87	CAD	NEO
May 7, 2019	12:55:44	EDT	600	2.88	CAD	Chi-X
May 7, 2019	12:55:44	EDT	400	2.88	CAD	Pure
May 7, 2019	12:55:44	EDT	6000	2.88	CAD	Chi-X
May 7, 2019	12:55:44	EDT	600	2.88	CAD	Pure
May 7, 2019	13:04:34	EDT	800	2.91	CAD	TSX
May 7, 2019	13:04:34	EDT	400	2.91	CAD	NEO
May 7, 2019	13:04:54	EDT	100	2.91	CAD	TSX
May 7, 2019	13:05:04	EDT	100	2.91	CAD	TSX
May 7, 2019	13:05:04	EDT	400	2.91	CAD	NEO
May 7, 2019	13:06:20	EDT	200	2.91	CAD	NEO
May 7, 2019	13:12:26	EDT	1000	2.90	CAD	TSX
May 7, 2019	13:12:26	EDT	100	2.90	CAD	NEO
May 7, 2019	13:12:26	EDT	900	2.90	CAD	NEO
May 7, 2019	13:22:12	EDT	100	2.91	CAD	NEO
May 7, 2019	13:23:50	EDT	2300	2.91	CAD	TSX
May 7, 2019	13:23:50	EDT	700	2.91	CAD	NEO
May 7, 2019	13:23:50	EDT	300	2.91	CAD	NEO
May 7, 2019	13:23:50	EDT	1000	2.91	CAD	NEO
May 7, 2019	13:23:50	EDT	100	2.91	CAD	NEO
May 7, 2019	13:23:50	EDT	100	2.91	CAD	NEO
May 7, 2019	13:23:50	EDT	100	2.91	CAD	TSX
May 7, 2019	13:37:37	EDT	700	2.90	CAD	NEO
May 7, 2019	13:37:37	EDT	1000	2.90	CAD	TSX
May 7, 2019	13:37:37	EDT	300	2.90	CAD	NEO
May 7, 2019	13:41:05	EDT	700	2.90	CAD	NEO
May 7, 2019	13:42:56	EDT	100	2.90	CAD	NEO
May 7, 2019	13:42:56	EDT	1000	2.90	CAD	TSX
May 7, 2019	13:42:56	EDT	200	2.90	CAD	NEO
May 7, 2019	13:53:52	EDT	1000	2.90	CAD	TSX
May 7, 2019	13:53:52	EDT	700	2.90	CAD	NEO
May 7, 2019	13:53:52	EDT	300	2.90	CAD	NEO
May 7, 2019	14:01:35	EDT	700	2.89	CAD	NEO
May 7, 2019	14:01:35	EDT	200	2.89	CAD	NEO

May 7, 2019	14:11:01	EDT	100	2.90	CAD	Pure
May 7, 2019	14:11:01	EDT	200	2.90	CAD	Pure
May 7, 2019	14:11:01	EDT	100	2.90	CAD	Pure
May 7, 2019	14:11:01	EDT	600	2.90	CAD	Chi-X
May 7, 2019	14:17:43	EDT	200	2.89	CAD	NEO
May 7, 2019	14:17:43	EDT	100	2.89	CAD	NEO
May 7, 2019	14:18:37	EDT	900	2.89	CAD	NEO
May 7, 2019	14:19:05	EDT	400	2.89	CAD	NEO
May 7, 2019	14:19:10	EDT	100	2.90	CAD	NEO
May 7, 2019	14:19:10	EDT	100	2.90	CAD	Pure
May 7, 2019	14:19:10	EDT	200	2.90	CAD	Pure
May 7, 2019	14:19:10	EDT	600	2.90	CAD	Chi-X
May 7, 2019	14:19:10	EDT	100	2.90	CAD	Chi-X
May 7, 2019	14:19:10	EDT	100	2.90	CAD	Pure
May 7, 2019	14:21:13	EDT	300	2.90	CAD	Chi-X
May 7, 2019	14:21:13	EDT	100	2.90	CAD	Chi-X
May 7, 2019	14:21:13	EDT	500	2.90	CAD	Chi-X
May 7, 2019	14:23:16	EDT	500	2.90	CAD	TSX
May 7, 2019	14:23:16	EDT	100	2.90	CAD	NEO
May 7, 2019	14:23:16	EDT	700	2.90	CAD	TSX
May 7, 2019	14:24:37	EDT	200	2.89	CAD	NEO
May 7, 2019	14:24:37	EDT	1000	2.89	CAD	NEO
May 7, 2019	14:24:37	EDT	1800	2.89	CAD	TSX
May 7, 2019	14:24:37	EDT	300	2.89	CAD	NEO
May 7, 2019	14:24:37	EDT	300	2.89	CAD	NEO
May 7, 2019	14:28:11	EDT	100	2.88	CAD	NEO
May 7, 2019	14:28:11	EDT	100	2.88	CAD	NEO
May 7, 2019	14:28:11	EDT	100	2.88	CAD	NEO
May 7, 2019	14:28:11	EDT	400	2.88	CAD	NEO
May 7, 2019	14:28:11	EDT	1000	2.88	CAD	TSX
May 7, 2019	14:28:11	EDT	100	2.88	CAD	NEO
May 7, 2019	14:28:11	EDT	300	2.88	CAD	NEO
May 7, 2019	14:35:19	EDT	100	2.87	CAD	NEO
May 7, 2019	14:44:24	EDT	100	2.89	CAD	Pure
May 7, 2019	14:44:24	EDT	600	2.89	CAD	Chi-X
May 7, 2019	14:44:24	EDT	100	2.89	CAD	Chi-X
May 7, 2019	14:44:24	EDT	800	2.89	CAD	Chi-X
May 7, 2019	14:44:24	EDT	400	2.89	CAD	Pure
May 7, 2019	14:44:24	EDT	200	2.89	CAD	Pure
May 7, 2019	14:50:33	EDT	100	2.89	CAD	NEO
May 7, 2019	14:50:33	EDT	1400	2.89	CAD	NEO
May 7, 2019	14:50:33	EDT	200	2.89	CAD	Chi-X
May 7, 2019	14:50:33	EDT	100	2.89	CAD	Pure
May 7, 2019	14:50:33	EDT	100	2.89	CAD	Pure
May 7, 2019	14:50:33	EDT	100	2.89	CAD	Chi-X
May 7, 2019	14:50:33	EDT	100	2.89	CAD	Pure
May 7, 2019	14:56:39	EDT	100	2.89	CAD	Chi-X
May 7, 2019	14:56:39	EDT	200	2.89	CAD	NEO
May 7, 2019	14:56:39	EDT	100	2.89	CAD	Chi-X
May 7, 2019	14:56:39	EDT	1500	2.89	CAD	NEO

May 7, 2019	14:56:39	EDT	100	2.89	CAD	NEO
May 7, 2019	15:00:42	EDT	900	2.89	CAD	Chi-X
May 7, 2019	15:00:42	EDT	100	2.89	CAD	NEO
May 7, 2019	15:00:42	EDT	100	2.89	CAD	Chi-X
May 7, 2019	15:00:42	EDT	100	2.89	CAD	NEO
May 7, 2019	15:04:45	EDT	400	2.89	CAD	Chi-X
May 7, 2019	15:04:45	EDT	300	2.89	CAD	Chi-X
May 7, 2019	15:04:45	EDT	200	2.89	CAD	Chi-X
May 7, 2019	15:04:45	EDT	100	2.89	CAD	Pure
May 7, 2019	15:04:45	EDT	400	2.89	CAD	Pure
May 7, 2019	15:04:45	EDT	600	2.89	CAD	Pure
May 7, 2019	15:04:45	EDT	100	2.89	CAD	Chi-X
May 7, 2019	15:05:51	EDT	100	2.88	CAD	NEO
May 7, 2019	15:05:51	EDT	1800	2.88	CAD	TSX
May 7, 2019	15:05:51	EDT	100	2.88	CAD	NEO
May 7, 2019	15:05:51	EDT	100	2.88	CAD	NEO
May 7, 2019	15:05:51	EDT	100	2.88	CAD	NEO
May 7, 2019	15:05:51	EDT	500	2.88	CAD	NEO
May 7, 2019	15:05:52	EDT	800	2.88	CAD	NEO
May 7, 2019	15:05:52	EDT	100	2.88	CAD	NEO
May 7, 2019	15:10:07	EDT	700	2.88	CAD	NEO
May 7, 2019	15:10:07	EDT	800	2.88	CAD	TSX
May 7, 2019	15:10:07	EDT	300	2.88	CAD	NEO
May 7, 2019	15:11:09	EDT	200	2.88	CAD	TSX
May 7, 2019	15:15:41	EDT	100	2.88	CAD	NEO
May 7, 2019	15:16:15	EDT	100	2.88	CAD	NEO
May 7, 2019	15:21:12	EDT	200	2.88	CAD	TSX
May 7, 2019	15:21:12	EDT	200	2.88	CAD	NEO
May 7, 2019	15:21:12	EDT	200	2.88	CAD	NEO
May 7, 2019	15:21:32	EDT	200	2.90	CAD	NEO
May 7, 2019	15:21:32	EDT	1100	2.90	CAD	NEO
May 7, 2019	15:21:32	EDT	200	2.90	CAD	NEO
May 7, 2019	15:21:32	EDT	1600	2.90	CAD	TSX
May 7, 2019	15:21:32	EDT	200	2.90	CAD	NEO
May 7, 2019	15:21:32	EDT	25	2.90	CAD	TSX
May 8, 2019	09:31:55	EDT	100	2.90	CAD	TSX
May 8, 2019	09:32:33	EDT	900	2.89	CAD	TSX
May 8, 2019	09:32:33	EDT	200	2.89	CAD	NEO
May 8, 2019	09:32:33	EDT	900	2.89	CAD	NEO
May 8, 2019	09:32:33	EDT	100	2.89	CAD	TSX
May 8, 2019	09:33:54	EDT	100	2.90	CAD	NEO
May 8, 2019	09:38:48	EDT	2800	2.93	CAD	TSX
May 8, 2019	09:38:48	EDT	100	2.93	CAD	Chi-X
May 8, 2019	09:38:48	EDT	800	2.93	CAD	TSX
May 8, 2019	09:38:48	EDT	300	2.93	CAD	Chi-X
May 8, 2019	09:38:48	EDT	200	2.93	CAD	Chi-X
May 8, 2019	09:38:48	EDT	1400	2.93	CAD	Chi-X
May 8, 2019	09:39:56	EDT	700	2.94	CAD	NEO
May 8, 2019	09:39:56	EDT	500	2.94	CAD	TSX
May 8, 2019	09:39:56	EDT	300	2.94	CAD	TSX

May 8, 2019	09:39:56	EDT	1600	2.94	CAD	TSX
May 8, 2019	09:39:56	EDT	1000	2.94	CAD	NEO
May 8, 2019	09:39:56	EDT	700	2.94	CAD	NEO
May 8, 2019	09:39:56	EDT	100	2.94	CAD	NEO
May 8, 2019	09:42:22	EDT	1000	2.92	CAD	TSX
May 8, 2019	09:42:22	EDT	300	2.92	CAD	NEO
May 8, 2019	09:42:22	EDT	800	2.92	CAD	NEO
May 8, 2019	09:46:15	EDT	800	2.95	CAD	TSX
May 8, 2019	09:46:15	EDT	100	2.95	CAD	Chi-X
May 8, 2019	09:48:19	EDT	200	2.95	CAD	Chi-X
May 8, 2019	09:48:19	EDT	300	2.95	CAD	NEO
May 8, 2019	09:48:19	EDT	1300	2.95	CAD	Omega
May 8, 2019	09:49:49	EDT	100	2.94	CAD	TSX
May 8, 2019	09:50:30	EDT	2400	2.94	CAD	TSX
May 8, 2019	09:50:30	EDT	400	2.94	CAD	NEO
May 8, 2019	09:50:30	EDT	2100	2.94	CAD	NEO
May 8, 2019	09:53:44	EDT	1000	2.94	CAD	TSX
May 8, 2019	09:53:44	EDT	100	2.94	CAD	NEO
May 8, 2019	09:53:44	EDT	1000	2.94	CAD	NEO
May 8, 2019	09:55:53	EDT	100	2.94	CAD	NEO
May 8, 2019	09:55:53	EDT	600	2.94	CAD	TSX
May 8, 2019	09:55:53	EDT	100	2.94	CAD	TSX
May 8, 2019	09:55:53	EDT	900	2.94	CAD	NEO
May 8, 2019	09:55:53	EDT	300	2.94	CAD	TSX
May 8, 2019	10:00:49	EDT	1000	2.94	CAD	TSX
May 8, 2019	10:00:49	EDT	800	2.94	CAD	NEO
May 8, 2019	10:00:49	EDT	200	2.94	CAD	NEO
May 8, 2019	10:02:50	EDT	300	2.94	CAD	Chi-X
May 8, 2019	10:02:50	EDT	100	2.94	CAD	Chi-X
May 8, 2019	10:02:50	EDT	200	2.94	CAD	Chi-X
May 8, 2019	10:02:50	EDT	300	2.94	CAD	Chi-X
May 8, 2019	10:02:50	EDT	100	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	100	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	100	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	100	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	100	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	800	2.94	CAD	Chi-X
May 8, 2019	10:09:08	EDT	300	2.94	CAD	Chi-X
May 8, 2019	10:09:08	EDT	300	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	1500	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	1000	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	200	2.94	CAD	TSX
May 8, 2019	10:09:08	EDT	4100	2.94	CAD	TSX
May 8, 2019	10:19:18	EDT	100	2.95	CAD	TSX
May 8, 2019	10:19:18	EDT	700	2.95	CAD	TSX
May 8, 2019	10:19:18	EDT	600	2.95	CAD	TSX
May 8, 2019	10:19:19	EDT	100	2.95	CAD	TSX
May 8, 2019	10:19:46	EDT	1500	2.94	CAD	NEO
May 8, 2019	10:19:46	EDT	1800	2.94	CAD	TSX
May 8, 2019	10:19:46	EDT	300	2.94	CAD	NEO



May 8, 2019	10:23:23	EDT	300	2.93	CAD	NEO
May 8, 2019	10:23:50	EDT	500	2.93	CAD	NEO
May 8, 2019	10:24:01	EDT	100	2.93	CAD	NEO
May 8, 2019	10:24:14	EDT	100	2.93	CAD	NEO
May 8, 2019	10:26:31	EDT	100	2.93	CAD	NEO
May 8, 2019	10:26:40	EDT	100	2.93	CAD	NEO
May 8, 2019	10:26:53	EDT	100	2.93	CAD	NEO
May 8, 2019	10:26:53	EDT	100	2.93	CAD	NEO
May 8, 2019	10:26:59	EDT	100	2.93	CAD	NEO
May 8, 2019	10:27:00	EDT	100	2.93	CAD	NEO
May 8, 2019	10:27:13	EDT	100	2.93	CAD	NEO
May 8, 2019	10:27:18	EDT	100	2.93	CAD	NEO
May 8, 2019	10:27:18	EDT	100	2.93	CAD	NEO
May 8, 2019	10:27:40	EDT	100	2.93	CAD	NEO
May 8, 2019	10:27:46	EDT	100	2.93	CAD	NEO
May 8, 2019	10:28:14	EDT	100	2.93	CAD	NEO
May 8, 2019	10:28:40	EDT	100	2.93	CAD	NEO
May 8, 2019	10:30:36	EDT	2700	2.94	CAD	TSX
May 8, 2019	10:30:36	EDT	500	2.94	CAD	NEO
May 8, 2019	10:30:36	EDT	2300	2.94	CAD	NEO
May 8, 2019	10:38:26	EDT	100	2.94	CAD	TSX
May 8, 2019	10:38:26	EDT	800	2.94	CAD	Chi-X
May 8, 2019	10:38:26	EDT	100	2.94	CAD	Chi-X
May 8, 2019	10:46:49	EDT	500	2.94	CAD	TSX
May 8, 2019	10:46:49	EDT	1200	2.94	CAD	Chi-X
May 8, 2019	10:46:49	EDT	1800	2.94	CAD	TSX
May 8, 2019	10:46:49	EDT	1000	2.94	CAD	TSX
May 8, 2019	10:46:49	EDT	600	2.94	CAD	TSX
May 8, 2019	10:49:19	EDT	100	2.95	CAD	NEO
May 8, 2019	10:51:42	EDT	2600	2.95	CAD	TSX
May 8, 2019	10:51:42	EDT	500	2.95	CAD	NEO
May 8, 2019	10:51:42	EDT	400	2.95	CAD	TSX
May 8, 2019	10:51:42	EDT	2600	2.95	CAD	NEO
May 8, 2019	10:56:57	EDT	1200	2.93	CAD	NEO
May 8, 2019	10:57:21	EDT	1200	2.92	CAD	NEO
May 8, 2019	10:57:21	EDT	100	2.92	CAD	NEO
May 8, 2019	10:57:21	EDT	500	2.92	CAD	NEO
May 8, 2019	11:03:25	EDT	100	2.94	CAD	NEO
May 8, 2019	11:03:35	EDT	100	2.94	CAD	NEO
May 8, 2019	11:04:20	EDT	200	2.94	CAD	NEO
May 8, 2019	11:05:00	EDT	100	2.94	CAD	NEO
May 8, 2019	11:05:23	EDT	100	2.94	CAD	NEO
May 8, 2019	11:05:23	EDT	500	2.94	CAD	NEO
May 8, 2019	11:05:25	EDT	100	2.94	CAD	NEO
May 8, 2019	11:06:25	EDT	100	2.94	CAD	NEO
May 8, 2019	11:06:36	EDT	100	2.94	CAD	NEO
May 8, 2019	11:06:39	EDT	100	2.94	CAD	NEO
May 8, 2019	11:06:45	EDT	300	2.94	CAD	NEO
May 8, 2019	11:06:53	EDT	100	2.94	CAD	NEO
May 8, 2019	11:08:30	EDT	100	2.94	CAD	NEO

May 8, 2019	11:09:18	EDT	100	2.94	CAD	NEO
May 8, 2019	11:09:18	EDT	100	2.94	CAD	NEO
May 8, 2019	11:09:43	EDT	100	2.94	CAD	NEO
May 8, 2019	11:09:44	EDT	100	2.94	CAD	NEO
May 8, 2019	11:10:37	EDT	100	2.94	CAD	NEO
May 8, 2019	11:11:19	EDT	1200	2.94	CAD	TSX
May 8, 2019	11:11:19	EDT	2500	2.94	CAD	TSX
May 8, 2019	11:11:19	EDT	100	2.94	CAD	TSX
May 8, 2019	11:11:19	EDT	2100	2.94	CAD	NEO
May 8, 2019	11:11:19	EDT	900	2.94	CAD	NEO
May 8, 2019	11:11:19	EDT	600	2.94	CAD	NEO
May 8, 2019	11:11:19	EDT	700	2.94	CAD	NEO
May 8, 2019	11:11:19	EDT	1100	2.94	CAD	TSX
May 8, 2019	11:11:19	EDT	600	2.94	CAD	NEO
May 8, 2019	11:17:06	EDT	100	2.94	CAD	NEO
May 8, 2019	11:17:20	EDT	200	2.94	CAD	NEO
May 8, 2019	11:17:29	EDT	100	2.94	CAD	NEO
May 8, 2019	11:18:27	EDT	100	2.94	CAD	NEO
May 8, 2019	11:18:33	EDT	300	2.94	CAD	NEO
May 8, 2019	11:18:35	EDT	100	2.94	CAD	NEO
May 8, 2019	11:21:43	EDT	100	2.94	CAD	NEO
May 8, 2019	11:21:57	EDT	100	2.94	CAD	NEO
May 8, 2019	11:22:50	EDT	300	2.94	CAD	NEO
May 8, 2019	11:24:05	EDT	100	2.94	CAD	NEO
May 8, 2019	11:25:02	EDT	100	2.94	CAD	NEO
May 8, 2019	11:25:05	EDT	100	2.94	CAD	NEO
May 8, 2019	11:25:19	EDT	2600	2.94	CAD	NEO
May 8, 2019	11:25:19	EDT	200	2.94	CAD	TSX
May 8, 2019	11:25:19	EDT	200	2.94	CAD	NEO
May 8, 2019	11:25:19	EDT	200	2.94	CAD	NEO
May 8, 2019	11:25:19	EDT	300	2.94	CAD	NEO
May 8, 2019	11:25:19	EDT	3400	2.94	CAD	TSX
May 8, 2019	11:25:19	EDT	300	2.94	CAD	NEO
May 8, 2019	11:34:06	EDT	1000	2.93	CAD	TSX
May 8, 2019	11:34:06	EDT	100	2.93	CAD	NEO
May 8, 2019	11:34:06	EDT	900	2.93	CAD	NEO
May 8, 2019	11:37:24	EDT	100	2.91	CAD	NEO
May 8, 2019	11:37:27	EDT	800	2.91	CAD	TSX
May 8, 2019	11:37:27	EDT	200	2.91	CAD	TSX
May 8, 2019	11:37:27	EDT	200	2.91	CAD	NEO
May 8, 2019	11:37:27	EDT	700	2.91	CAD	NEO
May 8, 2019	11:41:37	EDT	200	2.90	CAD	NEO
May 8, 2019	11:41:40	EDT	200	2.90	CAD	NEO
May 8, 2019	11:41:40	EDT	1000	2.90	CAD	TSX
May 8, 2019	11:41:40	EDT	400	2.90	CAD	NEO
May 8, 2019	11:41:40	EDT	200	2.90	CAD	NEO
May 8, 2019	11:58:07	EDT	1000	2.90	CAD	Chi-X
May 8, 2019	11:58:07	EDT	1200	2.90	CAD	Chi-X
May 8, 2019	11:58:07	EDT	600	2.90	CAD	Chi-X
May 8, 2019	11:58:07	EDT	200	2.90	CAD	TSX

May 8, 2019	11:58:07	EDT	800	2.90	CAD	Chi-X
May 8, 2019	12:00:36	EDT	1800	2.90	CAD	NEO
May 8, 2019	12:00:38	EDT	300	2.90	CAD	NEO
May 8, 2019	12:00:40	EDT	100	2.90	CAD	NEO
May 8, 2019	12:04:32	EDT	1300	2.90	CAD	TSX
May 8, 2019	12:04:32	EDT	100	2.90	CAD	NEO
May 8, 2019	12:04:32	EDT	100	2.90	CAD	TSX
May 8, 2019	12:04:32	EDT	1300	2.90	CAD	NEO
May 8, 2019	12:16:29	EDT	900	2.89	CAD	Chi-X
May 8, 2019	12:18:30	EDT	1100	2.89	CAD	Chi-X
May 8, 2019	12:22:03	EDT	100	2.90	CAD	NEO
May 8, 2019	12:22:03	EDT	100	2.90	CAD	NEO
May 8, 2019	12:22:03	EDT	400	2.90	CAD	NEO
May 8, 2019	12:22:03	EDT	100	2.90	CAD	NEO
May 8, 2019	12:22:05	EDT	1800	2.90	CAD	TSX
May 8, 2019	12:22:05	EDT	300	2.90	CAD	TSX
May 8, 2019	12:22:05	EDT	100	2.90	CAD	TSX
May 8, 2019	12:22:05	EDT	300	2.90	CAD	NEO
May 8, 2019	12:22:05	EDT	800	2.90	CAD	NEO
May 8, 2019	12:22:05	EDT	100	2.90	CAD	NEO
May 8, 2019	12:22:05	EDT	300	2.90	CAD	NEO
May 8, 2019	12:34:31	EDT	1000	2.90	CAD	Chi-X
May 8, 2019	12:36:32	EDT	300	2.90	CAD	Chi-X
May 8, 2019	12:36:32	EDT	700	2.90	CAD	Chi-X
May 8, 2019	12:37:07	EDT	1600	2.89	CAD	TSX
May 8, 2019	12:37:07	EDT	1500	2.89	CAD	NEO
May 8, 2019	12:37:07	EDT	200	2.89	CAD	TSX
May 8, 2019	12:37:07	EDT	300	2.89	CAD	NEO
May 8, 2019	12:53:14	EDT	1900	2.90	CAD	Chi-X
May 8, 2019	12:54:10	EDT	200	2.90	CAD	NEO
May 8, 2019	12:54:13	EDT	200	2.90	CAD	NEO
May 8, 2019	12:54:15	EDT	200	2.90	CAD	NEO
May 8, 2019	12:54:49	EDT	200	2.90	CAD	NEO
May 8, 2019	12:54:49	EDT	1000	2.90	CAD	NEO
May 8, 2019	12:54:49	EDT	100	2.90	CAD	TSX
May 8, 2019	12:54:49	EDT	100	2.90	CAD	TSX
May 8, 2019	12:54:49	EDT	1600	2.90	CAD	TSX
May 8, 2019	13:09:27	EDT	500	2.90	CAD	TSX
May 8, 2019	13:11:17	EDT	100	2.90	CAD	NEO
May 8, 2019	13:11:34	EDT	200	2.90	CAD	NEO
May 8, 2019	13:12:00	EDT	100	2.90	CAD	NEO
May 8, 2019	13:14:35	EDT	100	2.90	CAD	NEO
May 8, 2019	13:17:39	EDT	600	2.90	CAD	NEO
May 8, 2019	13:17:39	EDT	2300	2.90	CAD	NEO
May 8, 2019	13:17:39	EDT	600	2.90	CAD	TSX
May 8, 2019	13:17:39	EDT	2200	2.90	CAD	TSX
May 8, 2019	13:23:10	EDT	400	2.89	CAD	TSX
May 8, 2019	13:53:47	EDT	2600	2.91	CAD	NEO
May 8, 2019	13:53:47	EDT	600	2.91	CAD	TSX
May 8, 2019	13:53:47	EDT	1100	2.91	CAD	TSX

May 8, 2019	13:53:47	EDT	500	2.91	CAD	TSX
May 8, 2019	13:53:47	EDT	2600	2.91	CAD	TSX
May 8, 2019	13:53:47	EDT	2200	2.91	CAD	NEO
May 8, 2019	14:25:05	EDT	300	2.91	CAD	Chi-X
May 8, 2019	14:25:05	EDT	700	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	100	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	1700	2.91	CAD	Chi-X
May 8, 2019	14:25:05	EDT	600	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	200	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	100	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	100	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	100	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	100	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	1000	2.91	CAD	TSX
May 8, 2019	14:25:05	EDT	100	2.91	CAD	TSX
May 8, 2019	14:27:51	EDT	100	2.91	CAD	NEO
May 8, 2019	14:30:18	EDT	100	2.92	CAD	Chi-X
May 8, 2019	14:30:18	EDT	600	2.92	CAD	Pure
May 8, 2019	14:30:18	EDT	100	2.92	CAD	Pure
May 8, 2019	14:30:18	EDT	100	2.92	CAD	NEO
May 8, 2019	14:30:18	EDT	900	2.92	CAD	NEO
May 8, 2019	14:30:18	EDT	400	2.92	CAD	Pure
May 8, 2019	14:30:18	EDT	100	2.92	CAD	LYNX
May 8, 2019	14:30:18	EDT	1500	2.92	CAD	Omega
May 8, 2019	14:36:25	EDT	1000	2.94	CAD	Chi-X
May 8, 2019	14:36:25	EDT	200	2.94	CAD	Chi-X
May 8, 2019	14:36:25	EDT	800	2.94	CAD	Chi-X
May 8, 2019	14:38:26	EDT	800	2.94	CAD	Chi-X
May 8, 2019	14:41:27	EDT	100	2.94	CAD	TSX
May 8, 2019	14:41:27	EDT	100	2.94	CAD	TSX
May 8, 2019	14:41:27	EDT	100	2.94	CAD	TSX
May 8, 2019	14:41:27	EDT	100	2.94	CAD	TSX
May 8, 2019	14:46:35	EDT	100	2.96	CAD	Chi-X
May 8, 2019	14:46:35	EDT	500	2.96	CAD	TSX
May 8, 2019	14:46:35	EDT	1700	2.96	CAD	Chi-X
May 8, 2019	14:46:35	EDT	100	2.96	CAD	Chi-X
May 8, 2019	14:50:01	EDT	2100	2.95	CAD	TSX
May 8, 2019	14:50:01	EDT	100	2.95	CAD	TSX
May 8, 2019	14:51:46	EDT	200	2.95	CAD	NEO
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	600	2.95	CAD	TSX
May 8, 2019	14:52:03	EDT	100	2.95	CAD	TSX
May 8, 2019	14:52:37	EDT	100	2.95	CAD	NEO
May 8, 2019	14:55:15	EDT	100	2.95	CAD	NEO
May 8, 2019	15:07:04	EDT	1000	2.96	CAD	TSX

May 8, 2019	15:07:04	EDT	1300	2.96	CAD	NEO
May 8, 2019	15:07:04	EDT	600	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	100	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	100	2.96	CAD	NEO
May 8, 2019	15:07:04	EDT	1000	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	1300	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	700	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	100	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	1400	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	25	2.96	CAD	TSX
May 8, 2019	15:07:04	EDT	4700	2.96	CAD	NEO
May 9, 2019	09:31:51	EDT	500	2.94	CAD	NEO
May 9, 2019	09:31:51	EDT	100	2.94	CAD	NEO
May 9, 2019	09:31:51	EDT	100	2.94	CAD	TSX
May 9, 2019	09:31:51	EDT	900	2.94	CAD	TSX
May 9, 2019	09:31:51	EDT	400	2.94	CAD	NEO
May 9, 2019	09:35:16	EDT	200	2.92	CAD	NEO
May 9, 2019	09:35:16	EDT	100	2.92	CAD	NEO
May 9, 2019	09:35:16	EDT	600	2.92	CAD	NEO
May 9, 2019	09:35:29	EDT	2000	2.91	CAD	TSX
May 9, 2019	09:35:29	EDT	200	2.91	CAD	NEO
May 9, 2019	09:35:29	EDT	500	2.91	CAD	NEO
May 9, 2019	09:35:29	EDT	200	2.91	CAD	NEO
May 9, 2019	09:35:29	EDT	100	2.91	CAD	NEO
May 9, 2019	09:35:29	EDT	1000	2.91	CAD	NEO
May 9, 2019	09:39:36	EDT	100	2.93	CAD	Chi-X
May 9, 2019	09:39:36	EDT	1000	2.93	CAD	TSX
May 9, 2019	09:39:36	EDT	900	2.93	CAD	TSX
May 9, 2019	09:40:39	EDT	400	2.93	CAD	NEO
May 9, 2019	09:40:39	EDT	600	2.93	CAD	NEO
May 9, 2019	09:41:42	EDT	100	2.93	CAD	TSX
May 9, 2019	09:41:42	EDT	100	2.93	CAD	Chi-X
May 9, 2019	09:41:42	EDT	700	2.93	CAD	Chi-X
May 9, 2019	09:41:42	EDT	100	2.93	CAD	TSX
May 9, 2019	09:43:51	EDT	1200	2.93	CAD	Omega
May 9, 2019	09:43:51	EDT	200	2.93	CAD	Omega
May 9, 2019	09:43:51	EDT	600	2.93	CAD	Omega
May 9, 2019	09:44:28	EDT	200	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	200	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	100	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	100	2.92	CAD	NEO
May 9, 2019	09:44:28	EDT	100	2.92	CAD	NEO
May 9, 2019	09:44:28	EDT	800	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	100	2.92	CAD	NEO
May 9, 2019	09:44:28	EDT	300	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	700	2.92	CAD	NEO
May 9, 2019	09:44:28	EDT	100	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	100	2.92	CAD	TSX
May 9, 2019	09:44:28	EDT	500	2.92	CAD	NEO
May 9, 2019	09:44:28	EDT	300	2.92	CAD	NEO

May 9, 2019	09:48:21	EDT	100	2.93	CAD	Chi-X
May 9, 2019	09:48:21	EDT	1000	2.93	CAD	Chi-X
May 9, 2019	09:50:23	EDT	800	2.94	CAD	Chi-X
May 9, 2019	09:50:23	EDT	700	2.94	CAD	Chi-X
May 9, 2019	09:52:29	EDT	700	2.94	CAD	Chi-X
May 9, 2019	09:52:29	EDT	200	2.94	CAD	TSX
May 9, 2019	09:52:29	EDT	800	2.94	CAD	Chi-X
May 9, 2019	09:52:29	EDT	100	2.94	CAD	TSX
May 9, 2019	09:55:38	EDT	400	2.94	CAD	Pure
May 9, 2019	09:55:38	EDT	300	2.94	CAD	Omega
May 9, 2019	09:55:38	EDT	1300	2.94	CAD	Omega
May 9, 2019	09:55:38	EDT	300	2.94	CAD	NEO
May 9, 2019	09:55:38	EDT	200	2.94	CAD	Pure
May 9, 2019	09:57:40	EDT	100	2.94	CAD	Chi-X
May 9, 2019	09:57:40	EDT	500	2.94	CAD	Chi-X
May 9, 2019	09:57:40	EDT	300	2.94	CAD	NEO
May 9, 2019	09:57:40	EDT	300	2.94	CAD	Chi-X
May 9, 2019	10:02:02	EDT	2000	2.93	CAD	NEO
May 9, 2019	10:03:05	EDT	1800	2.93	CAD	NEO
May 9, 2019	10:05:07	EDT	400	2.94	CAD	NEO
May 9, 2019	10:05:07	EDT	400	2.94	CAD	Chi-X
May 9, 2019	10:05:07	EDT	800	2.94	CAD	Chi-X
May 9, 2019	10:05:07	EDT	600	2.94	CAD	Pure
May 9, 2019	10:05:07	EDT	100	2.94	CAD	Chi-X
May 9, 2019	10:05:07	EDT	400	2.94	CAD	Pure
May 9, 2019	10:07:44	EDT	2000	2.93	CAD	NEO
May 9, 2019	10:07:44	EDT	2100	2.93	CAD	TSX
May 9, 2019	10:07:44	EDT	300	2.93	CAD	NEO
May 9, 2019	10:12:17	EDT	100	2.95	CAD	NEO
May 9, 2019	10:12:17	EDT	700	2.95	CAD	NEO
May 9, 2019	10:16:22	EDT	400	2.95	CAD	Chi-X
May 9, 2019	10:16:22	EDT	100	2.95	CAD	Chi-X
May 9, 2019	10:16:22	EDT	100	2.95	CAD	NEO
May 9, 2019	10:16:22	EDT	100	2.95	CAD	Chi-X
May 9, 2019	10:16:22	EDT	200	2.95	CAD	Pure
May 9, 2019	10:16:22	EDT	100	2.95	CAD	Pure
May 9, 2019	10:16:22	EDT	700	2.95	CAD	NEO
May 9, 2019	10:16:22	EDT	100	2.95	CAD	NEO
May 9, 2019	10:17:29	EDT	1400	2.94	CAD	TSX
May 9, 2019	10:17:29	EDT	300	2.94	CAD	TSX
May 9, 2019	10:17:32	EDT	100	2.94	CAD	NEO
May 9, 2019	10:19:45	EDT	100	2.94	CAD	NEO
May 9, 2019	10:19:45	EDT	1200	2.94	CAD	TSX
May 9, 2019	10:19:47	EDT	300	2.94	CAD	NEO
May 9, 2019	10:20:12	EDT	200	2.94	CAD	TSX
May 9, 2019	10:20:12	EDT	800	2.94	CAD	NEO
May 9, 2019	10:20:12	EDT	300	2.94	CAD	NEO
May 9, 2019	10:22:01	EDT	800	2.94	CAD	TSX
May 9, 2019	10:22:01	EDT	300	2.94	CAD	NEO
May 9, 2019	10:22:01	EDT	700	2.94	CAD	NEO

May 9, 2019	10:22:01	EDT	200	2.94	CAD	TSX
May 9, 2019	10:30:49	EDT	2200	2.92	CAD	NEO
May 9, 2019	10:30:49	EDT	900	2.92	CAD	NEO
May 9, 2019	10:32:56	EDT	1500	2.92	CAD	NEO
May 9, 2019	10:32:56	EDT	1900	2.92	CAD	TSX
May 9, 2019	10:32:56	EDT	400	2.92	CAD	NEO
May 9, 2019	10:35:54	EDT	1000	2.90	CAD	NEO
May 9, 2019	10:41:05	EDT	1600	2.90	CAD	NEO
May 9, 2019	10:41:23	EDT	1400	2.90	CAD	TSX
May 9, 2019	10:41:23	EDT	100	2.90	CAD	NEO
May 9, 2019	10:41:23	EDT	1400	2.90	CAD	NEO
May 9, 2019	10:59:22	EDT	2100	2.93	CAD	NEO
May 9, 2019	10:59:22	EDT	600	2.93	CAD	NEO
May 9, 2019	10:59:22	EDT	1500	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	1200	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	500	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	1400	2.93	CAD	NEO
May 9, 2019	10:59:22	EDT	700	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	700	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	400	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	200	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	400	2.93	CAD	NEO
May 9, 2019	10:59:22	EDT	100	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	300	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	300	2.93	CAD	TSX
May 9, 2019	10:59:22	EDT	1300	2.93	CAD	NEO
May 9, 2019	10:59:22	EDT	100	2.93	CAD	NEO
May 9, 2019	11:08:46	EDT	100	2.93	CAD	Chi-X
May 9, 2019	11:08:46	EDT	800	2.93	CAD	Chi-X
May 9, 2019	11:08:46	EDT	200	2.93	CAD	NEO
May 9, 2019	11:08:46	EDT	400	2.93	CAD	NEO
May 9, 2019	11:08:46	EDT	600	2.93	CAD	NEO
May 9, 2019	11:08:46	EDT	100	2.93	CAD	Chi-X
May 9, 2019	11:08:46	EDT	1400	2.93	CAD	Chi-X
May 9, 2019	11:08:46	EDT	500	2.93	CAD	Chi-X
May 9, 2019	11:08:46	EDT	700	2.93	CAD	NEO
May 9, 2019	11:08:46	EDT	200	2.93	CAD	Chi-X
May 9, 2019	11:08:46	EDT	100	2.93	CAD	NEO
May 9, 2019	11:11:52	EDT	200	2.94	CAD	Chi-X
May 9, 2019	11:11:52	EDT	100	2.94	CAD	NEO
May 9, 2019	11:11:52	EDT	600	2.94	CAD	Pure
May 9, 2019	11:11:52	EDT	200	2.94	CAD	NEO
May 9, 2019	11:11:52	EDT	500	2.94	CAD	Chi-X
May 9, 2019	11:11:52	EDT	400	2.94	CAD	Pure
May 9, 2019	11:13:59	EDT	1700	2.95	CAD	Chi-X
May 9, 2019	11:13:59	EDT	100	2.95	CAD	Chi-X
May 9, 2019	11:13:59	EDT	200	2.95	CAD	Chi-X
May 9, 2019	11:22:49	EDT	100	2.94	CAD	NEO
May 9, 2019	11:22:49	EDT	100	2.94	CAD	NEO
May 9, 2019	11:22:55	EDT	2200	2.94	CAD	NEO





May 9, 2019	12:25:36	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:36	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:36	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:36	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:36	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:36	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:40	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:40	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:40	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:42	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:42	EDT	100	2.98	CAD	NEO
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	900	2.98	CAD	TSX
May 9, 2019	12:25:53	EDT	100	2.98	CAD	TSX
May 9, 2019	12:41:28	EDT	300	2.98	CAD	TSX
May 9, 2019	12:41:28	EDT	600	2.98	CAD	TSX
May 9, 2019	12:41:28	EDT	300	2.98	CAD	TSX
May 9, 2019	12:41:28	EDT	600	2.98	CAD	TSX
May 9, 2019	12:41:28	EDT	100	2.98	CAD	TSX
May 9, 2019	12:50:22	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	200	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	2100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	500	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	4700	2.97	CAD	TSX
May 9, 2019	13:20:34	EDT	2800	2.97	CAD	TSX
May 9, 2019	13:20:34	EDT	400	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	500	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	300	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	700	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	200	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	300	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	400	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	300	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	300	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	100	2.97	CAD	NEO
May 9, 2019	13:20:34	EDT	700	2.97	CAD	Chi-X
May 9, 2019	13:20:34	EDT	200	2.97	CAD	Chi-X
May 9, 2019	13:44:33	EDT	2300	2.95	CAD	NEO

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May 9, 2019	13:50:08	EDT	1500	2.97	CAD	NEO
May 9, 2019	13:50:08	EDT	100	2.97	CAD	NEO
May 9, 2019	13:55:14	EDT	300	2.97	CAD	TSX
May 9, 2019	13:55:14	EDT	600	2.97	CAD	TSX
May 9, 2019	13:55:14	EDT	700	2.97	CAD	TSX
May 9, 2019	13:59:16	EDT	900	2.97	CAD	NEO
May 9, 2019	14:03:01	EDT	1200	2.96	CAD	TSX
May 9, 2019	14:03:01	EDT	1500	2.96	CAD	NEO
May 9, 2019	14:03:01	EDT	300	2.96	CAD	TSX
May 9, 2019	14:03:01	EDT	300	2.96	CAD	TSX
May 9, 2019	14:03:01	EDT	100	2.96	CAD	NEO
May 9, 2019	14:03:01	EDT	200	2.96	CAD	NEO
May 9, 2019	14:17:12	EDT	100	2.97	CAD	NEO
May 9, 2019	14:17:12	EDT	500	2.97	CAD	Pure
May 9, 2019	14:17:12	EDT	200	2.97	CAD	Chi-X
May 9, 2019	14:17:12	EDT	200	2.97	CAD	Pure
May 9, 2019	14:17:12	EDT	100	2.97	CAD	NEO
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Omega
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Omega
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Omega
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Omega
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Chi-X
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Omega
May 9, 2019	14:17:12	EDT	100	2.97	CAD	Omega
May 9, 2019	14:17:12	EDT	100	2.97	CAD	LYNX
May 9, 2019	14:21:26	EDT	100	2.96	CAD	NEO
May 9, 2019	14:21:58	EDT	100	2.96	CAD	NEO
May 9, 2019	14:28:37	EDT	400	2.97	CAD	TSX
May 9, 2019	14:28:37	EDT	3700	2.97	CAD	NEO
May 9, 2019	14:28:37	EDT	3800	2.97	CAD	TSX
May 9, 2019	14:28:37	EDT	100	2.97	CAD	NEO
May 9, 2019	14:28:37	EDT	100	2.97	CAD	NEO
May 9, 2019	14:28:37	EDT	300	2.97	CAD	NEO
May 9, 2019	14:42:33	EDT	1200	2.98	CAD	Omega
May 9, 2019	14:45:46	EDT	1400	2.97	CAD	NEO
May 9, 2019	14:45:46	EDT	1800	2.97	CAD	TSX
May 9, 2019	14:45:46	EDT	500	2.97	CAD	TSX
May 9, 2019	14:45:46	EDT	400	2.97	CAD	NEO
May 9, 2019	14:45:46	EDT	500	2.97	CAD	NEO
May 9, 2019	14:52:42	EDT	100	2.96	CAD	NEO
May 9, 2019	14:54:14	EDT	100	2.96	CAD	NEO
May 9, 2019	14:59:20	EDT	200	2.96	CAD	NEO
May 9, 2019	14:59:20	EDT	1700	2.96	CAD	NEO
May 9, 2019	14:59:20	EDT	200	2.96	CAD	NEO
May 9, 2019	14:59:20	EDT	1900	2.96	CAD	TSX
May 9, 2019	14:59:20	EDT	200	2.96	CAD	TSX
May 9, 2019	15:00:21	EDT	100	2.95	CAD	NEO
May 9, 2019	15:01:52	EDT	100	2.95	CAD	NEO

May 9, 2019	15:03:24	EDT	100	2.95	CAD	NEO
May 9, 2019	15:03:49	EDT	400	2.96	CAD	TSX
May 9, 2019	15:03:49	EDT	200	2.96	CAD	NEO
May 9, 2019	15:03:49	EDT	600	2.96	CAD	TSX
May 9, 2019	15:03:49	EDT	1600	2.96	CAD	NEO
May 9, 2019	15:03:49	EDT	1600	2.96	CAD	TSX
May 9, 2019	15:03:49	EDT	1200	2.96	CAD	TSX
May 9, 2019	15:03:49	EDT	400	2.96	CAD	TSX
May 9, 2019	15:03:49	EDT	25	2.96	CAD	TSX
May 9, 2019	15:03:49	EDT	100	2.96	CAD	NEO
May 9, 2019	15:03:49	EDT	100	2.96	CAD	NEO
May 9, 2019	15:08:57	EDT	1100	2.97	CAD	NEO
May 9, 2019	15:08:57	EDT	200	2.97	CAD	TSX
May 9, 2019	15:08:57	EDT	500	2.97	CAD	TSX
May 9, 2019	15:08:57	EDT	400	2.97	CAD	TSX
May 10, 2019	09:33:54	EDT	100	2.92	CAD	NEO
May 10, 2019	09:33:56	EDT	800	2.92	CAD	TSX
May 10, 2019	09:33:56	EDT	200	2.92	CAD	TSX
May 10, 2019	09:33:56	EDT	700	2.92	CAD	NEO
May 10, 2019	09:33:56	EDT	200	2.92	CAD	NEO
May 10, 2019	09:36:07	EDT	100	2.92	CAD	TSX
May 10, 2019	09:41:36	EDT	100	2.94	CAD	Chi-X
May 10, 2019	09:41:36	EDT	300	2.94	CAD	Chi-X
May 10, 2019	09:41:36	EDT	100	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	100	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	100	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	1000	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	700	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	100	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	600	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	600	2.94	CAD	TSX
May 10, 2019	09:41:36	EDT	700	2.94	CAD	TSX
May 10, 2019	09:43:32	EDT	1300	2.94	CAD	NEO
May 10, 2019	09:43:32	EDT	1300	2.94	CAD	TSX
May 10, 2019	09:43:32	EDT	1300	2.94	CAD	NEO
May 10, 2019	09:43:32	EDT	3100	2.94	CAD	TSX
May 10, 2019	09:43:33	EDT	1300	2.94	CAD	NEO
May 10, 2019	09:43:33	EDT	600	2.94	CAD	NEO
May 10, 2019	09:45:23	EDT	800	2.93	CAD	NEO
May 10, 2019	09:45:23	EDT	200	2.93	CAD	NEO
May 10, 2019	09:45:23	EDT	1000	2.93	CAD	TSX
May 10, 2019	09:47:04	EDT	100	2.92	CAD	TSX
May 10, 2019	09:47:50	EDT	100	2.92	CAD	NEO
May 10, 2019	09:47:53	EDT	900	2.92	CAD	TSX
May 10, 2019	09:47:53	EDT	700	2.92	CAD	NEO
May 10, 2019	09:47:53	EDT	200	2.92	CAD	NEO
May 10, 2019	09:49:05	EDT	1000	2.91	CAD	TSX
May 10, 2019	09:49:05	EDT	900	2.91	CAD	NEO
May 10, 2019	09:49:05	EDT	200	2.91	CAD	NEO
May 10, 2019	09:55:27	EDT	100	2.90	CAD	Chi-X

May 10, 2019	09:55:27	EDT	300	2.90	CAD	NEO
May 10, 2019	09:55:27	EDT	1300	2.90	CAD	Omega
May 10, 2019	09:57:21	EDT	1400	2.90	CAD	TSX
May 10, 2019	09:57:21	EDT	1500	2.90	CAD	NEO
May 10, 2019	09:57:21	EDT	700	2.90	CAD	TSX
May 10, 2019	09:57:21	EDT	700	2.90	CAD	NEO
May 10, 2019	09:59:53	EDT	800	2.89	CAD	NEO
May 10, 2019	09:59:53	EDT	300	2.89	CAD	NEO
May 10, 2019	09:59:53	EDT	1000	2.89	CAD	TSX
May 10, 2019	10:05:00	EDT	100	2.88	CAD	TSX
May 10, 2019	10:05:00	EDT	400	2.88	CAD	TSX
May 10, 2019	10:05:00	EDT	1000	2.88	CAD	TSX
May 10, 2019	10:05:00	EDT	100	2.88	CAD	TSX
May 10, 2019	10:05:00	EDT	100	2.88	CAD	TSX
May 10, 2019	10:05:00	EDT	600	2.88	CAD	TSX
May 10, 2019	10:05:00	EDT	1800	2.88	CAD	NEO
May 10, 2019	10:05:00	EDT	600	2.88	CAD	NEO
May 10, 2019	10:12:58	EDT	800	2.87	CAD	NEO
May 10, 2019	10:14:32	EDT	300	2.87	CAD	NEO
May 10, 2019	10:14:32	EDT	700	2.87	CAD	NEO
May 10, 2019	10:14:32	EDT	500	2.87	CAD	TSX
May 10, 2019	10:14:32	EDT	500	2.87	CAD	NEO
May 10, 2019	10:14:33	EDT	700	2.87	CAD	TSX
May 10, 2019	10:14:33	EDT	200	2.87	CAD	TSX
May 10, 2019	10:14:33	EDT	500	2.87	CAD	NEO
May 10, 2019	10:14:33	EDT	400	2.87	CAD	TSX
May 10, 2019	10:14:33	EDT	500	2.87	CAD	NEO
May 10, 2019	10:14:33	EDT	500	2.87	CAD	TSX
May 10, 2019	10:14:33	EDT	400	2.87	CAD	TSX
May 10, 2019	10:14:33	EDT	300	2.87	CAD	NEO
May 10, 2019	10:22:19	EDT	2100	2.88	CAD	NEO
May 10, 2019	10:26:12	EDT	1200	2.89	CAD	Chi-X
May 10, 2019	10:26:12	EDT	700	2.89	CAD	TSX
May 10, 2019	10:26:12	EDT	100	2.89	CAD	TSX
May 10, 2019	10:26:54	EDT	100	2.89	CAD	NEO
May 10, 2019	10:31:22	EDT	2600	2.89	CAD	TSX
May 10, 2019	10:31:22	EDT	300	2.89	CAD	TSX
May 10, 2019	10:31:22	EDT	2400	2.89	CAD	NEO
May 10, 2019	10:31:22	EDT	200	2.89	CAD	NEO
May 10, 2019	10:31:22	EDT	100	2.89	CAD	TSX
May 10, 2019	10:31:22	EDT	100	2.89	CAD	TSX
May 10, 2019	10:31:22	EDT	500	2.89	CAD	NEO
May 10, 2019	10:36:01	EDT	100	2.88	CAD	TSX
May 10, 2019	10:36:10	EDT	800	2.88	CAD	TSX
May 10, 2019	10:36:10	EDT	100	2.88	CAD	TSX
May 10, 2019	10:36:10	EDT	900	2.88	CAD	NEO
May 10, 2019	10:36:10	EDT	100	2.88	CAD	Chi-X
May 10, 2019	10:40:50	EDT	900	2.87	CAD	TSX
May 10, 2019	10:40:50	EDT	100	2.87	CAD	TSX
May 10, 2019	10:40:51	EDT	100	2.87	CAD	NEO

May 10, 2019	10:40:51	EDT	900	2.87	CAD	NEO
May 10, 2019	10:40:51	EDT	100	2.87	CAD	NEO
May 10, 2019	10:41:34	EDT	1000	2.86	CAD	TSX
May 10, 2019	10:41:34	EDT	200	2.86	CAD	NEO
May 10, 2019	10:41:34	EDT	700	2.86	CAD	NEO
May 10, 2019	10:41:34	EDT	100	2.86	CAD	NEO
May 10, 2019	10:47:56	EDT	800	2.87	CAD	Chi-X
May 10, 2019	10:47:56	EDT	200	2.87	CAD	Chi-X
May 10, 2019	10:52:05	EDT	700	2.88	CAD	Chi-X
May 10, 2019	10:52:05	EDT	1100	2.88	CAD	Chi-X
May 10, 2019	10:52:05	EDT	400	2.88	CAD	Chi-X
May 10, 2019	10:52:05	EDT	1900	2.88	CAD	Chi-X
May 10, 2019	10:52:05	EDT	200	2.88	CAD	Chi-X
May 10, 2019	11:00:21	EDT	3200	2.88	CAD	Chi-X
May 10, 2019	11:00:21	EDT	1000	2.88	CAD	Pure
May 10, 2019	11:01:24	EDT	600	2.88	CAD	Chi-X
May 10, 2019	11:01:24	EDT	200	2.88	CAD	Chi-X
May 10, 2019	11:05:52	EDT	2800	2.87	CAD	NEO
May 10, 2019	11:09:11	EDT	600	2.87	CAD	TSX
May 10, 2019	11:09:11	EDT	700	2.87	CAD	TSX
May 10, 2019	11:09:11	EDT	900	2.87	CAD	TSX
May 10, 2019	11:09:11	EDT	1300	2.87	CAD	TSX
May 10, 2019	11:09:11	EDT	1500	2.87	CAD	NEO
May 10, 2019	11:09:11	EDT	200	2.87	CAD	TSX
May 10, 2019	11:09:11	EDT	700	2.87	CAD	NEO
May 10, 2019	11:09:11	EDT	500	2.87	CAD	NEO
May 10, 2019	11:09:11	EDT	700	2.87	CAD	NEO
May 10, 2019	11:09:11	EDT	100	2.87	CAD	NEO
May 10, 2019	11:09:11	EDT	300	2.87	CAD	NEO
May 10, 2019	11:12:03	EDT	1000	2.86	CAD	TSX
May 10, 2019	11:12:03	EDT	700	2.86	CAD	NEO
May 10, 2019	11:12:03	EDT	300	2.86	CAD	NEO
May 10, 2019	11:16:44	EDT	800	2.85	CAD	TSX
May 10, 2019	11:18:07	EDT	1000	2.88	CAD	Pure
May 10, 2019	11:20:09	EDT	700	2.88	CAD	TSX
May 10, 2019	11:20:09	EDT	200	2.88	CAD	TSX
May 10, 2019	11:20:11	EDT	100	2.88	CAD	NEO
May 10, 2019	11:28:21	EDT	400	2.90	CAD	TSX
May 10, 2019	11:28:21	EDT	100	2.90	CAD	TSX
May 10, 2019	11:28:22	EDT	2400	2.90	CAD	NEO
May 10, 2019	11:31:14	EDT	1800	2.90	CAD	TSX
May 10, 2019	11:31:14	EDT	300	2.90	CAD	TSX
May 10, 2019	11:31:14	EDT	1800	2.90	CAD	NEO
May 10, 2019	11:31:14	EDT	400	2.90	CAD	NEO
May 10, 2019	11:42:57	EDT	2000	2.89	CAD	NEO
May 10, 2019	11:42:57	EDT	100	2.89	CAD	NEO
May 10, 2019	11:42:57	EDT	600	2.89	CAD	NEO
May 10, 2019	11:43:06	EDT	100	2.89	CAD	TSX
May 10, 2019	11:43:06	EDT	200	2.89	CAD	TSX
May 10, 2019	11:43:06	EDT	2000	2.89	CAD	TSX

May 10, 2019	11:43:06	EDT	300	2.89	CAD	TSX
May 10, 2019	11:54:14	EDT	2000	2.89	CAD	TSX
May 10, 2019	11:54:14	EDT	400	2.89	CAD	TSX
May 10, 2019	11:54:14	EDT	2000	2.89	CAD	NEO
May 10, 2019	11:54:14	EDT	100	2.89	CAD	NEO
May 10, 2019	11:54:14	EDT	200	2.89	CAD	NEO
May 10, 2019	11:54:15	EDT	100	2.89	CAD	Chi-X
May 10, 2019	12:16:25	EDT	700	2.91	CAD	TSX
May 10, 2019	12:16:25	EDT	1700	2.91	CAD	Chi-X
May 10, 2019	12:16:25	EDT	300	2.91	CAD	TSX
May 10, 2019	12:16:25	EDT	800	2.91	CAD	Chi-X
May 10, 2019	12:16:25	EDT	100	2.91	CAD	Chi-X
May 10, 2019	12:18:26	EDT	1100	2.91	CAD	Chi-X
May 10, 2019	12:33:53	EDT	700	2.92	CAD	TSX
May 10, 2019	12:33:53	EDT	1000	2.92	CAD	TSX
May 10, 2019	12:33:53	EDT	100	2.92	CAD	TSX
May 10, 2019	12:33:53	EDT	200	2.92	CAD	TSX
May 10, 2019	12:33:53	EDT	600	2.92	CAD	TSX
May 10, 2019	12:33:53	EDT	300	2.92	CAD	TSX
May 10, 2019	12:33:53	EDT	800	2.92	CAD	Chi-X
May 10, 2019	12:33:53	EDT	900	2.92	CAD	Chi-X
May 10, 2019	12:36:58	EDT	200	2.93	CAD	TSX
May 10, 2019	12:36:58	EDT	700	2.93	CAD	TSX
May 10, 2019	12:36:58	EDT	600	2.93	CAD	TSX
May 10, 2019	12:36:58	EDT	400	2.93	CAD	TSX
May 10, 2019	12:39:53	EDT	1600	2.92	CAD	TSX
May 10, 2019	12:39:53	EDT	200	2.92	CAD	TSX
May 10, 2019	12:39:53	EDT	800	2.92	CAD	NEO
May 10, 2019	12:39:53	EDT	700	2.92	CAD	NEO
May 10, 2019	12:39:53	EDT	300	2.92	CAD	NEO
May 10, 2019	12:50:22	EDT	800	2.93	CAD	Chi-X
May 10, 2019	13:02:37	EDT	1000	2.94	CAD	Chi-X
May 10, 2019	13:02:37	EDT	1500	2.94	CAD	Chi-X
May 10, 2019	13:02:37	EDT	800	2.94	CAD	Chi-X
May 10, 2019	13:02:37	EDT	100	2.94	CAD	Chi-X
May 10, 2019	13:02:37	EDT	200	2.94	CAD	NEO
May 10, 2019	13:02:37	EDT	100	2.94	CAD	TSX
May 10, 2019	13:03:54	EDT	100	2.94	CAD	NEO
May 10, 2019	13:05:05	EDT	100	2.94	CAD	TSX
May 10, 2019	13:05:15	EDT	100	2.94	CAD	TSX
May 10, 2019	13:05:15	EDT	100	2.94	CAD	TSX
May 10, 2019	13:05:18	EDT	100	2.94	CAD	TSX
May 10, 2019	13:05:27	EDT	100	2.94	CAD	TSX
May 10, 2019	13:05:51	EDT	100	2.94	CAD	TSX
May 10, 2019	13:06:03	EDT	100	2.94	CAD	TSX
May 10, 2019	13:06:03	EDT	100	2.94	CAD	NEO
May 10, 2019	13:06:03	EDT	100	2.94	CAD	NEO
May 10, 2019	13:06:12	EDT	100	2.94	CAD	TSX
May 10, 2019	13:06:24	EDT	100	2.94	CAD	TSX
May 10, 2019	13:06:31	EDT	100	2.94	CAD	TSX

May 10, 2019	13:06:36	EDT	100	2.94	CAD	TSX
May 10, 2019	13:07:15	EDT	100	2.94	CAD	TSX
May 10, 2019	13:10:01	EDT	100	2.94	CAD	NEO
May 10, 2019	13:10:55	EDT	100	2.94	CAD	NEO
May 10, 2019	13:10:55	EDT	100	2.94	CAD	TSX
May 10, 2019	13:10:55	EDT	100	2.94	CAD	NEO
May 10, 2019	13:10:56	EDT	100	2.94	CAD	NEO
May 10, 2019	13:10:58	EDT	100	2.94	CAD	NEO
May 10, 2019	13:11:06	EDT	100	2.94	CAD	TSX
May 10, 2019	13:11:12	EDT	1600	2.94	CAD	TSX
May 10, 2019	13:11:12	EDT	1000	2.94	CAD	NEO
May 10, 2019	13:11:12	EDT	300	2.94	CAD	NEO
May 10, 2019	13:23:07	EDT	1900	2.93	CAD	NEO
May 10, 2019	13:23:07	EDT	700	2.93	CAD	NEO
May 10, 2019	13:27:07	EDT	1000	2.93	CAD	TSX
May 10, 2019	13:27:07	EDT	300	2.93	CAD	TSX
May 10, 2019	13:27:07	EDT	1000	2.93	CAD	NEO
May 10, 2019	13:27:07	EDT	400	2.93	CAD	NEO
May 10, 2019	13:42:46	EDT	900	2.92	CAD	TSX
May 10, 2019	13:42:46	EDT	100	2.92	CAD	TSX
May 10, 2019	13:42:46	EDT	900	2.92	CAD	NEO
May 10, 2019	13:42:46	EDT	100	2.92	CAD	NEO
May 10, 2019	13:51:48	EDT	100	2.92	CAD	Pure
May 10, 2019	13:51:48	EDT	500	2.92	CAD	Pure
May 10, 2019	13:51:48	EDT	400	2.92	CAD	Pure
May 10, 2019	13:54:49	EDT	400	2.92	CAD	TSX
May 10, 2019	13:54:49	EDT	500	2.92	CAD	TSX
May 10, 2019	14:11:11	EDT	400	2.92	CAD	TSX
May 10, 2019	14:11:11	EDT	1700	2.92	CAD	TSX
May 10, 2019	14:11:11	EDT	1600	2.92	CAD	TSX
May 10, 2019	14:11:11	EDT	100	2.92	CAD	TSX
May 10, 2019	14:11:11	EDT	100	2.92	CAD	TSX
May 10, 2019	14:11:11	EDT	200	2.92	CAD	TSX
May 10, 2019	14:14:14	EDT	500	2.92	CAD	Chi-X
May 10, 2019	14:14:14	EDT	600	2.92	CAD	Pure
May 10, 2019	14:14:14	EDT	100	2.92	CAD	NEO
May 10, 2019	14:14:14	EDT	300	2.92	CAD	Pure
May 10, 2019	14:14:36	EDT	1500	2.91	CAD	TSX
May 10, 2019	14:14:36	EDT	1600	2.91	CAD	NEO
May 10, 2019	14:14:36	EDT	200	2.91	CAD	NEO
May 10, 2019	14:14:36	EDT	200	2.91	CAD	TSX
May 10, 2019	14:23:07	EDT	100	2.89	CAD	TSX
May 10, 2019	14:23:07	EDT	100	2.89	CAD	TSX
May 10, 2019	14:23:12	EDT	100	2.89	CAD	TSX
May 10, 2019	14:23:12	EDT	200	2.89	CAD	TSX
May 10, 2019	14:23:12	EDT	100	2.89	CAD	TSX
May 10, 2019	14:23:12	EDT	400	2.89	CAD	TSX
May 10, 2019	14:26:54	EDT	100	2.89	CAD	NEO
May 10, 2019	14:33:02	EDT	100	2.89	CAD	NEO
May 10, 2019	14:33:27	EDT	100	2.89	CAD	NEO

May 10, 2019	14:36:33	EDT	100	2.89	CAD	NEO
May 10, 2019	14:39:09	EDT	100	2.89	CAD	NEO
May 10, 2019	14:39:37	EDT	100	2.89	CAD	NEO
May 10, 2019	14:42:29	EDT	100	2.89	CAD	TSX
May 10, 2019	14:42:49	EDT	100	2.89	CAD	TSX
May 10, 2019	14:42:58	EDT	100	2.89	CAD	TSX
May 10, 2019	14:45:09	EDT	100	2.89	CAD	TSX
May 10, 2019	14:45:16	EDT	100	2.89	CAD	NEO
May 10, 2019	14:45:47	EDT	100	2.89	CAD	NEO
May 10, 2019	14:46:23	EDT	4900	2.89	CAD	TSX
May 10, 2019	14:46:23	EDT	2100	2.89	CAD	NEO
May 10, 2019	14:46:23	EDT	2100	2.89	CAD	NEO
May 10, 2019	14:46:23	EDT	100	2.89	CAD	NEO
May 10, 2019	14:46:23	EDT	600	2.89	CAD	NEO
May 10, 2019	14:59:07	EDT	700	2.88	CAD	Chi-X
May 10, 2019	14:59:07	EDT	200	2.88	CAD	Chi-X
May 10, 2019	15:04:13	EDT	100	2.88	CAD	Pure
May 10, 2019	15:04:13	EDT	600	2.88	CAD	Pure
May 10, 2019	15:04:13	EDT	1100	2.88	CAD	Omega
May 10, 2019	15:04:13	EDT	400	2.88	CAD	Pure
May 10, 2019	15:07:14	EDT	100	2.88	CAD	TSX
May 10, 2019	15:07:14	EDT	700	2.88	CAD	TSX
May 10, 2019	15:07:14	EDT	300	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	600	2.88	CAD	Chi-X
May 10, 2019	15:08:16	EDT	900	2.88	CAD	Chi-X
May 10, 2019	15:08:16	EDT	200	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	600	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	900	2.88	CAD	Chi-X
May 10, 2019	15:08:16	EDT	100	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	1500	2.88	CAD	Chi-X
May 10, 2019	15:08:16	EDT	100	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	200	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	100	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	100	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	100	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	1800	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	100	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	700	2.88	CAD	TSX
May 10, 2019	15:08:16	EDT	800	2.88	CAD	TSX
May 10, 2019	15:08:28	EDT	25	2.89	CAD	TSX