

GRAN TIERRA ENERGY INC.

Company Announcement – Transaction in Own Shares

July 23, 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 July 15, 2019 to July 19, 2019:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
July 15, 2019	167,525	\$2.10	\$352,153.75
July 16, 2019	167,525	\$2.10	\$351,755.50
July 17, 2019	167,525	\$2.07	\$346,518.00
July 18, 2019	167,525	\$2.02	\$337,705.00
July 19, 2019	167,525	\$2.06	\$344,529.00

Exchange Aggregated Data

	Platform	Jul. 15, 2019	Jul. 16, 2019	Jul. 17, 2019	Jul. 18, 2019	Jul. 19, 2019
Volume	TSX	80,525	70,125	92,625	79,225	44,325
	Pure	8,200	15,000	3,300	6,300	30,100
	Chi-X	15,000	45,100	13,000	35,600	57,700
	Omega	0	400	800	1,200	13,100
	Alpha	0	1,300	300	5,100	0
	LYNX	0	200	0	0	0
	NEO	63,800	35,400	57,500	40,100	22,300
	Volume weighted average price (CAD)	TSX	\$2.10	\$2.10	\$2.07	\$2.02
Pure		\$2.11	\$2.10	\$2.08	\$2.02	\$2.06
Chi-X		\$2.09	\$2.10	\$2.08	\$2.02	\$2.07
Omega		-	\$2.12	\$2.08	\$2.01	\$2.04
Alpha		-	\$2.08	\$2.04	\$2.03	-
LYNX		-	\$2.09	-	-	-
NEO		\$2.10	\$2.10	\$2.07	\$2.01	\$2.05

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:

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Chief Executive Officer

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Chief Financial Officer

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Date	Transaction Time	Time Zone	Volume	Price	Currency	Platform
July 15, 2019	09:33:02	EDT	800	2.11	CAD	TSX
July 15, 2019	09:33:02	EDT	700	2.11	CAD	TSX
July 15, 2019	09:33:54	EDT	1100	2.11	CAD	TSX
July 15, 2019	09:33:54	EDT	400	2.11	CAD	TSX
July 15, 2019	09:33:54	EDT	1600	2.11	CAD	NEO
July 15, 2019	09:33:54	EDT	200	2.11	CAD	TSX
July 15, 2019	09:33:54	EDT	200	2.11	CAD	NEO
July 15, 2019	09:37:02	EDT	600	2.11	CAD	NEO
July 15, 2019	09:37:02	EDT	500	2.11	CAD	Pure
July 15, 2019	09:37:02	EDT	300	2.11	CAD	Pure
July 15, 2019	09:39:05	EDT	700	2.11	CAD	NEO
July 15, 2019	09:39:05	EDT	600	2.11	CAD	NEO
July 15, 2019	09:39:05	EDT	200	2.11	CAD	Pure
July 15, 2019	09:39:05	EDT	300	2.11	CAD	Pure
July 15, 2019	09:39:18	EDT	500	2.1	CAD	TSX
July 15, 2019	09:40:32	EDT	100	2.1	CAD	TSX
July 15, 2019	09:40:32	EDT	1600	2.1	CAD	TSX
July 15, 2019	09:40:32	EDT	400	2.1	CAD	NEO
July 15, 2019	09:40:32	EDT	1700	2.1	CAD	NEO
July 15, 2019	09:40:32	EDT	300	2.1	CAD	TSX
July 15, 2019	09:47:38	EDT	900	2.07	CAD	NEO
July 15, 2019	09:47:38	EDT	800	2.07	CAD	NEO
July 15, 2019	09:47:38	EDT	900	2.07	CAD	NEO
July 15, 2019	09:50:29	EDT	1600	2.07	CAD	TSX
July 15, 2019	09:50:29	EDT	100	2.07	CAD	TSX
July 15, 2019	09:50:32	EDT	200	2.07	CAD	TSX
July 15, 2019	09:50:51	EDT	200	2.07	CAD	TSX
July 15, 2019	09:50:58	EDT	3100	2.07	CAD	TSX
July 15, 2019	09:50:58	EDT	100	2.07	CAD	TSX
July 15, 2019	09:51:25	EDT	200	2.07	CAD	TSX
July 15, 2019	09:58:02	EDT	100	2.07	CAD	NEO
July 15, 2019	09:58:02	EDT	100	2.07	CAD	Chi-X
July 15, 2019	09:58:02	EDT	300	2.07	CAD	Chi-X
July 15, 2019	09:58:02	EDT	100	2.07	CAD	Chi-X
July 15, 2019	09:58:02	EDT	400	2.07	CAD	Chi-X
July 15, 2019	09:58:02	EDT	100	2.07	CAD	Chi-X
July 15, 2019	09:58:02	EDT	100	2.07	CAD	Chi-X
July 15, 2019	10:00:07	EDT	100	2.07	CAD	NEO
July 15, 2019	10:00:07	EDT	400	2.07	CAD	Chi-X
July 15, 2019	10:00:07	EDT	800	2.07	CAD	TSX
July 15, 2019	10:00:07	EDT	100	2.07	CAD	TSX
July 15, 2019	10:00:07	EDT	100	2.07	CAD	Chi-X
July 15, 2019	10:06:22	EDT	500	2.09	CAD	TSX
July 15, 2019	10:06:22	EDT	2700	2.09	CAD	Chi-X
July 15, 2019	10:06:22	EDT	900	2.09	CAD	Chi-X
July 15, 2019	10:11:30	EDT	1100	2.09	CAD	NEO
July 15, 2019	10:11:30	EDT	100	2.09	CAD	NEO

July 15, 2019	10:11:30	EDT	100	2.09	CAD	NEO
July 15, 2019	10:11:30	EDT	100	2.09	CAD	NEO
July 15, 2019	10:11:30	EDT	500	2.09	CAD	Pure
July 15, 2019	10:11:30	EDT	200	2.09	CAD	Pure
July 15, 2019	10:12:39	EDT	1500	2.08	CAD	TSX
July 15, 2019	10:12:39	EDT	400	2.08	CAD	NEO
July 15, 2019	10:12:39	EDT	200	2.08	CAD	TSX
July 15, 2019	10:12:39	EDT	700	2.08	CAD	NEO
July 15, 2019	10:12:39	EDT	500	2.08	CAD	NEO
July 15, 2019	10:12:39	EDT	200	2.08	CAD	NEO
July 15, 2019	10:22:27	EDT	100	2.09	CAD	Chi-X
July 15, 2019	10:22:27	EDT	100	2.09	CAD	NEO
July 15, 2019	10:22:27	EDT	1700	2.09	CAD	NEO
July 15, 2019	10:27:35	EDT	100	2.09	CAD	TSX
July 15, 2019	10:27:35	EDT	100	2.09	CAD	TSX
July 15, 2019	10:27:35	EDT	700	2.09	CAD	TSX
July 15, 2019	10:27:35	EDT	100	2.09	CAD	TSX
July 15, 2019	10:27:35	EDT	100	2.09	CAD	TSX
July 15, 2019	10:27:35	EDT	1200	2.09	CAD	TSX
July 15, 2019	10:29:39	EDT	100	2.09	CAD	TSX
July 15, 2019	10:29:39	EDT	100	2.09	CAD	TSX
July 15, 2019	10:29:39	EDT	700	2.09	CAD	TSX
July 15, 2019	10:30:42	EDT	100	2.09	CAD	TSX
July 15, 2019	10:30:42	EDT	900	2.09	CAD	TSX
July 15, 2019	10:33:48	EDT	200	2.09	CAD	NEO
July 15, 2019	10:33:48	EDT	100	2.09	CAD	TSX
July 15, 2019	10:33:48	EDT	400	2.09	CAD	TSX
July 15, 2019	10:33:48	EDT	1600	2.09	CAD	Chi-X
July 15, 2019	10:33:48	EDT	100	2.09	CAD	NEO
July 15, 2019	10:33:48	EDT	200	2.09	CAD	TSX
July 15, 2019	10:33:48	EDT	1400	2.09	CAD	NEO
July 15, 2019	10:36:52	EDT	800	2.1	CAD	NEO
July 15, 2019	10:39:58	EDT	1200	2.1	CAD	Pure
July 15, 2019	10:39:58	EDT	100	2.1	CAD	NEO
July 15, 2019	10:39:58	EDT	100	2.1	CAD	NEO
July 15, 2019	10:39:58	EDT	200	2.1	CAD	NEO
July 15, 2019	10:39:58	EDT	1000	2.1	CAD	NEO
July 15, 2019	10:52:38	EDT	200	2.1	CAD	NEO
July 15, 2019	10:52:38	EDT	100	2.1	CAD	NEO
July 15, 2019	10:52:38	EDT	1000	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	500	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	900	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	300	2.1	CAD	Pure
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	200	2.1	CAD	NEO
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Pure
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X

July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	1600	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	200	2.1	CAD	Pure
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	100	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	300	2.1	CAD	Chi-X
July 15, 2019	10:52:38	EDT	700	2.1	CAD	Chi-X
July 15, 2019	10:55:42	EDT	100	2.11	CAD	NEO
July 15, 2019	10:55:42	EDT	1400	2.11	CAD	Pure
July 15, 2019	11:00:48	EDT	400	2.11	CAD	TSX
July 15, 2019	11:00:48	EDT	1100	2.11	CAD	TSX
July 15, 2019	11:00:48	EDT	600	2.11	CAD	TSX
July 15, 2019	11:10:20	EDT	200	2.1	CAD	TSX
July 15, 2019	11:10:20	EDT	700	2.1	CAD	NEO
July 15, 2019	11:10:20	EDT	2000	2.1	CAD	NEO
July 15, 2019	11:10:20	EDT	1400	2.1	CAD	NEO
July 15, 2019	11:10:20	EDT	100	2.1	CAD	TSX
July 15, 2019	11:10:20	EDT	400	2.1	CAD	NEO
July 15, 2019	11:10:22	EDT	100	2.1	CAD	TSX
July 15, 2019	11:10:32	EDT	100	2.1	CAD	TSX
July 15, 2019	11:10:35	EDT	2500	2.1	CAD	NEO
July 15, 2019	11:10:41	EDT	100	2.1	CAD	TSX
July 15, 2019	11:10:45	EDT	100	2.1	CAD	TSX
July 15, 2019	11:37:25	EDT	400	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1500	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	800	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1000	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	800	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1100	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	100	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	3000	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1000	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1100	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1400	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	100	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	100	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	100	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	300	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	500	2.11	CAD	TSX
July 15, 2019	11:37:25	EDT	1000	2.11	CAD	TSX
July 15, 2019	11:39:29	EDT	100	2.12	CAD	TSX
July 15, 2019	11:39:29	EDT	800	2.12	CAD	TSX
July 15, 2019	11:39:29	EDT	1000	2.12	CAD	TSX

July 15, 2019	11:41:31	EDT	700	2.12	CAD	NEO
July 15, 2019	11:41:31	EDT	100	2.12	CAD	NEO
July 15, 2019	11:45:11	EDT	800	2.12	CAD	NEO
July 15, 2019	11:45:11	EDT	700	2.12	CAD	NEO
July 15, 2019	11:45:11	EDT	2100	2.12	CAD	TSX
July 15, 2019	11:45:11	EDT	200	2.12	CAD	NEO
July 15, 2019	11:45:11	EDT	400	2.12	CAD	NEO
July 15, 2019	11:45:11	EDT	500	2.12	CAD	TSX
July 15, 2019	11:45:11	EDT	600	2.12	CAD	NEO
July 15, 2019	12:04:37	EDT	100	2.11	CAD	NEO
July 15, 2019	12:04:37	EDT	100	2.11	CAD	NEO
July 15, 2019	12:04:37	EDT	100	2.11	CAD	NEO
July 15, 2019	12:04:37	EDT	100	2.11	CAD	NEO
July 15, 2019	12:07:51	EDT	500	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	100	2.11	CAD	NEO
July 15, 2019	12:07:51	EDT	600	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	600	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	3200	2.11	CAD	NEO
July 15, 2019	12:07:51	EDT	700	2.11	CAD	NEO
July 15, 2019	12:07:51	EDT	300	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	500	2.11	CAD	NEO
July 15, 2019	12:07:51	EDT	200	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	500	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	100	2.11	CAD	TSX
July 15, 2019	12:07:51	EDT	100	2.11	CAD	TSX
July 15, 2019	12:12:57	EDT	700	2.11	CAD	TSX
July 15, 2019	12:12:57	EDT	300	2.11	CAD	NEO
July 15, 2019	12:12:57	EDT	300	2.11	CAD	TSX
July 15, 2019	12:13:00	EDT	100	2.11	CAD	NEO
July 15, 2019	12:13:00	EDT	400	2.11	CAD	NEO
July 15, 2019	12:13:00	EDT	100	2.11	CAD	NEO
July 15, 2019	12:13:00	EDT	200	2.11	CAD	Chi-X
July 15, 2019	12:14:21	EDT	800	2.1	CAD	TSX
July 15, 2019	12:14:21	EDT	200	2.1	CAD	TSX
July 15, 2019	12:25:42	EDT	1200	2.1	CAD	NEO
July 15, 2019	12:25:42	EDT	500	2.1	CAD	NEO
July 15, 2019	12:32:03	EDT	100	2.1	CAD	NEO
July 15, 2019	12:32:12	EDT	1400	2.1	CAD	TSX
July 15, 2019	12:32:12	EDT	900	2.1	CAD	NEO
July 15, 2019	12:32:12	EDT	400	2.1	CAD	NEO
July 15, 2019	12:32:14	EDT	100	2.1	CAD	NEO
July 15, 2019	12:32:52	EDT	100	2.1	CAD	NEO
July 15, 2019	12:33:15	EDT	100	2.1	CAD	NEO
July 15, 2019	12:33:31	EDT	100	2.1	CAD	NEO
July 15, 2019	12:34:24	EDT	300	2.1	CAD	NEO
July 15, 2019	12:34:45	EDT	100	2.1	CAD	NEO
July 15, 2019	12:35:02	EDT	100	2.1	CAD	NEO
July 15, 2019	12:35:04	EDT	100	2.1	CAD	TSX
July 15, 2019	12:35:14	EDT	100	2.1	CAD	TSX
July 15, 2019	12:35:27	EDT	100	2.1	CAD	NEO

July 15, 2019	12:35:28	EDT	100	2.1	CAD	TSX
July 15, 2019	12:35:28	EDT	100	2.1	CAD	TSX
July 15, 2019	12:35:43	EDT	100	2.1	CAD	NEO
July 15, 2019	12:35:45	EDT	100	2.1	CAD	NEO
July 15, 2019	12:36:02	EDT	100	2.1	CAD	TSX
July 15, 2019	12:36:05	EDT	500	2.1	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	300	2.11	CAD	Pure
July 15, 2019	14:03:04	EDT	300	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	1300	2.11	CAD	Chi-X
July 15, 2019	14:03:04	EDT	200	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	2200	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	Pure
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	1000	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	Pure
July 15, 2019	14:03:04	EDT	2600	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	200	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	600	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	Pure
July 15, 2019	14:03:04	EDT	1200	2.11	CAD	Pure
July 15, 2019	14:03:04	EDT	700	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	1200	2.11	CAD	Pure
July 15, 2019	14:03:04	EDT	1600	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	300	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	300	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	2600	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	300	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	NEO
July 15, 2019	14:03:04	EDT	100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	1600	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	1100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	300	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	100	2.11	CAD	TSX
July 15, 2019	14:03:04	EDT	200	2.11	CAD	TSX
July 15, 2019	14:38:38	EDT	2200	2.1	CAD	NEO
July 15, 2019	14:38:51	EDT	100	2.1	CAD	NEO
July 15, 2019	14:39:23	EDT	100	2.1	CAD	NEO
July 15, 2019	14:41:31	EDT	4100	2.1	CAD	TSX
July 15, 2019	14:41:31	EDT	4100	2.1	CAD	TSX
July 15, 2019	14:41:31	EDT	4000	2.1	CAD	NEO
July 15, 2019	14:42:17	EDT	2300	2.1	CAD	TSX

July 15, 2019	14:42:17	EDT	2400	2.1	CAD	NEO
July 15, 2019	14:42:28	EDT	900	2.1	CAD	NEO
July 15, 2019	14:42:36	EDT	900	2.1	CAD	TSX
July 15, 2019	14:46:44	EDT	700	2.1	CAD	NEO
July 15, 2019	14:47:10	EDT	300	2.1	CAD	NEO
July 15, 2019	14:47:10	EDT	500	2.1	CAD	TSX
July 15, 2019	14:47:10	EDT	300	2.1	CAD	TSX
July 15, 2019	14:47:11	EDT	100	2.1	CAD	TSX
July 15, 2019	14:47:11	EDT	100	2.1	CAD	Chi-X
July 15, 2019	15:23:20	EDT	400	2.11	CAD	TSX
July 15, 2019	15:23:20	EDT	1000	2.11	CAD	TSX
July 15, 2019	15:23:20	EDT	1000	2.11	CAD	TSX
July 15, 2019	15:23:20	EDT	100	2.11	CAD	NEO
July 15, 2019	15:23:20	EDT	3400	2.11	CAD	TSX
July 15, 2019	15:23:20	EDT	2800	2.11	CAD	TSX
July 15, 2019	15:23:20	EDT	100	2.11	CAD	NEO
July 15, 2019	15:23:20	EDT	25	2.11	CAD	TSX
July 15, 2019	15:23:20	EDT	8300	2.11	CAD	NEO
July 16, 2019	09:31:18	EDT	100	2.08	CAD	TSX
July 16, 2019	09:34:05	EDT	1000	2.08	CAD	TSX
July 16, 2019	09:34:05	EDT	800	2.08	CAD	TSX
July 16, 2019	09:35:51	EDT	2400	2.08	CAD	TSX
July 16, 2019	09:35:51	EDT	300	2.08	CAD	TSX
July 16, 2019	09:35:51	EDT	2500	2.08	CAD	NEO
July 16, 2019	09:35:51	EDT	300	2.08	CAD	NEO
July 16, 2019	09:38:52	EDT	900	2.06	CAD	TSX
July 16, 2019	09:40:43	EDT	2100	2.06	CAD	TSX
July 16, 2019	09:41:48	EDT	100	2.06	CAD	TSX
July 16, 2019	09:42:00	EDT	100	2.06	CAD	TSX
July 16, 2019	09:46:05	EDT	100	2.06	CAD	TSX
July 16, 2019	09:46:16	EDT	100	2.06	CAD	TSX
July 16, 2019	09:46:29	EDT	100	2.06	CAD	TSX
July 16, 2019	09:49:01	EDT	400	2.07	CAD	Chi-X
July 16, 2019	09:49:01	EDT	2000	2.07	CAD	Chi-X
July 16, 2019	09:49:01	EDT	100	2.07	CAD	NEO
July 16, 2019	09:49:01	EDT	100	2.07	CAD	NEO
July 16, 2019	09:49:01	EDT	900	2.07	CAD	Pure
July 16, 2019	09:49:01	EDT	100	2.07	CAD	NEO
July 16, 2019	09:49:01	EDT	100	2.07	CAD	NEO
July 16, 2019	09:49:01	EDT	600	2.07	CAD	Pure
July 16, 2019	09:49:01	EDT	1200	2.07	CAD	Chi-X
July 16, 2019	09:49:01	EDT	1100	2.07	CAD	Chi-X
July 16, 2019	09:59:13	EDT	100	2.06	CAD	TSX
July 16, 2019	09:59:18	EDT	100	2.06	CAD	TSX
July 16, 2019	09:59:29	EDT	100	2.06	CAD	TSX
July 16, 2019	09:59:30	EDT	200	2.06	CAD	TSX
July 16, 2019	09:59:42	EDT	100	2.06	CAD	TSX
July 16, 2019	09:59:54	EDT	100	2.06	CAD	TSX
July 16, 2019	10:00:00	EDT	100	2.06	CAD	TSX
July 16, 2019	10:00:09	EDT	200	2.06	CAD	TSX

July 16, 2019	10:00:23	EDT	100	2.06	CAD	TSX
July 16, 2019	10:00:35	EDT	100	2.06	CAD	TSX
July 16, 2019	10:00:42	EDT	100	2.06	CAD	TSX
July 16, 2019	10:00:58	EDT	100	2.06	CAD	TSX
July 16, 2019	10:01:13	EDT	200	2.06	CAD	TSX
July 16, 2019	10:01:30	EDT	200	2.06	CAD	TSX
July 16, 2019	10:05:13	EDT	100	2.06	CAD	TSX
July 16, 2019	10:05:32	EDT	200	2.06	CAD	TSX
July 16, 2019	10:05:39	EDT	500	2.06	CAD	TSX
July 16, 2019	10:05:48	EDT	200	2.06	CAD	TSX
July 16, 2019	10:08:02	EDT	100	2.07	CAD	NEO
July 16, 2019	10:08:02	EDT	1100	2.07	CAD	TSX
July 16, 2019	10:08:02	EDT	300	2.07	CAD	Chi-X
July 16, 2019	10:08:02	EDT	1000	2.07	CAD	TSX
July 16, 2019	10:08:02	EDT	1000	2.07	CAD	Chi-X
July 16, 2019	10:08:02	EDT	100	2.07	CAD	NEO
July 16, 2019	10:08:02	EDT	200	2.07	CAD	NEO
July 16, 2019	10:08:02	EDT	1500	2.07	CAD	Chi-X
July 16, 2019	10:08:02	EDT	300	2.07	CAD	Chi-X
July 16, 2019	10:08:02	EDT	1000	2.07	CAD	Chi-X
July 16, 2019	10:08:02	EDT	600	2.07	CAD	Alpha
July 16, 2019	10:08:02	EDT	800	2.07	CAD	Chi-X
July 16, 2019	10:08:02	EDT	1000	2.07	CAD	TSX
July 16, 2019	10:08:02	EDT	500	2.07	CAD	TSX
July 16, 2019	10:14:03	EDT	900	2.08	CAD	Chi-X
July 16, 2019	10:18:11	EDT	2000	2.08	CAD	Chi-X
July 16, 2019	10:19:12	EDT	1000	2.08	CAD	Chi-X
July 16, 2019	10:21:14	EDT	600	2.08	CAD	TSX
July 16, 2019	10:21:14	EDT	300	2.08	CAD	TSX
July 16, 2019	10:24:18	EDT	1300	2.08	CAD	Chi-X
July 16, 2019	10:24:18	EDT	200	2.08	CAD	NEO
July 16, 2019	10:31:36	EDT	900	2.09	CAD	TSX
July 16, 2019	10:31:36	EDT	1000	2.09	CAD	TSX
July 16, 2019	10:31:36	EDT	800	2.09	CAD	TSX
July 16, 2019	10:31:36	EDT	800	2.09	CAD	TSX
July 16, 2019	10:31:36	EDT	200	2.09	CAD	NEO
July 16, 2019	10:31:36	EDT	500	2.09	CAD	TSX
July 16, 2019	10:34:44	EDT	1300	2.1	CAD	Chi-X
July 16, 2019	10:34:44	EDT	400	2.1	CAD	Chi-X
July 16, 2019	10:34:44	EDT	200	2.1	CAD	Chi-X
July 16, 2019	10:35:46	EDT	1000	2.1	CAD	Chi-X
July 16, 2019	10:35:46	EDT	200	2.1	CAD	Chi-X
July 16, 2019	10:39:56	EDT	400	2.1	CAD	Chi-X
July 16, 2019	10:39:56	EDT	1000	2.1	CAD	Chi-X
July 16, 2019	10:39:56	EDT	200	2.1	CAD	Chi-X
July 16, 2019	10:39:56	EDT	100	2.1	CAD	NEO
July 16, 2019	10:39:56	EDT	1500	2.1	CAD	Pure
July 16, 2019	10:39:56	EDT	100	2.1	CAD	Chi-X
July 16, 2019	10:43:01	EDT	500	2.1	CAD	TSX
July 16, 2019	10:43:01	EDT	100	2.1	CAD	Chi-X

July 16, 2019	10:43:01	EDT	300	2.1	CAD	Chi-X
July 16, 2019	10:43:01	EDT	800	2.1	CAD	TSX
July 16, 2019	10:43:01	EDT	100	2.1	CAD	Chi-X
July 16, 2019	10:46:02	EDT	500	2.11	CAD	TSX
July 16, 2019	10:46:02	EDT	700	2.11	CAD	TSX
July 16, 2019	10:46:02	EDT	300	2.11	CAD	TSX
July 16, 2019	10:54:23	EDT	500	2.11	CAD	TSX
July 16, 2019	10:54:23	EDT	900	2.11	CAD	TSX
July 16, 2019	10:54:23	EDT	1000	2.11	CAD	TSX
July 16, 2019	10:54:23	EDT	100	2.11	CAD	TSX
July 16, 2019	10:54:23	EDT	200	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	1000	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	200	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	100	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	1100	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	100	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	100	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	100	2.11	CAD	TSX
July 16, 2019	10:54:24	EDT	100	2.11	CAD	TSX
July 16, 2019	11:08:07	EDT	800	2.11	CAD	Chi-X
July 16, 2019	11:08:07	EDT	400	2.11	CAD	TSX
July 16, 2019	11:08:07	EDT	1200	2.11	CAD	Chi-X
July 16, 2019	11:08:07	EDT	100	2.11	CAD	NEO
July 16, 2019	11:08:07	EDT	1800	2.11	CAD	Chi-X
July 16, 2019	11:08:07	EDT	400	2.11	CAD	NEO
July 16, 2019	11:08:07	EDT	1300	2.11	CAD	Pure
July 16, 2019	11:08:07	EDT	1100	2.11	CAD	Chi-X
July 16, 2019	11:08:07	EDT	100	2.11	CAD	NEO
July 16, 2019	11:12:21	EDT	100	2.12	CAD	TSX
July 16, 2019	11:12:21	EDT	3500	2.12	CAD	TSX
July 16, 2019	11:13:24	EDT	400	2.12	CAD	TSX
July 16, 2019	11:13:24	EDT	500	2.12	CAD	TSX
July 16, 2019	11:14:26	EDT	300	2.13	CAD	TSX
July 16, 2019	11:14:26	EDT	700	2.13	CAD	Chi-X
July 16, 2019	11:16:27	EDT	900	2.13	CAD	TSX
July 16, 2019	11:18:29	EDT	100	2.13	CAD	NEO
July 16, 2019	11:18:29	EDT	900	2.13	CAD	Pure
July 16, 2019	11:20:32	EDT	100	2.13	CAD	TSX
July 16, 2019	11:20:32	EDT	100	2.13	CAD	Chi-X
July 16, 2019	11:20:32	EDT	100	2.13	CAD	NEO
July 16, 2019	11:20:32	EDT	1500	2.13	CAD	Chi-X
July 16, 2019	11:27:45	EDT	1000	2.15	CAD	NEO
July 16, 2019	11:27:45	EDT	500	2.15	CAD	TSX
July 16, 2019	11:27:45	EDT	1000	2.15	CAD	TSX
July 16, 2019	11:27:45	EDT	700	2.15	CAD	TSX
July 16, 2019	11:27:45	EDT	500	2.15	CAD	NEO
July 16, 2019	11:30:48	EDT	1200	2.15	CAD	Pure
July 16, 2019	11:30:48	EDT	200	2.15	CAD	Chi-X
July 16, 2019	11:33:50	EDT	1000	2.15	CAD	Pure
July 16, 2019	11:40:06	EDT	700	2.15	CAD	Chi-X
July 16, 2019	11:40:06	EDT	700	2.15	CAD	TSX

July 16, 2019	11:40:06	EDT	600	2.15	CAD	Chi-X
July 16, 2019	11:40:06	EDT	800	2.15	CAD	TSX
July 16, 2019	11:40:06	EDT	300	2.15	CAD	Chi-X
July 16, 2019	11:40:06	EDT	100	2.15	CAD	NEO
July 16, 2019	11:40:06	EDT	500	2.15	CAD	Chi-X
July 16, 2019	11:40:06	EDT	100	2.15	CAD	NEO
July 16, 2019	11:40:06	EDT	100	2.15	CAD	NEO
July 16, 2019	11:57:55	EDT	700	2.15	CAD	TSX
July 16, 2019	11:57:55	EDT	1900	2.15	CAD	TSX
July 16, 2019	11:57:55	EDT	100	2.15	CAD	NEO
July 16, 2019	11:57:55	EDT	100	2.15	CAD	TSX
July 16, 2019	11:57:55	EDT	800	2.15	CAD	Pure
July 16, 2019	11:57:55	EDT	100	2.15	CAD	Chi-X
July 16, 2019	11:57:55	EDT	100	2.15	CAD	NEO
July 16, 2019	11:57:55	EDT	400	2.15	CAD	Chi-X
July 16, 2019	11:57:55	EDT	100	2.15	CAD	NEO
July 16, 2019	11:57:55	EDT	800	2.15	CAD	Chi-X
July 16, 2019	11:57:55	EDT	300	2.15	CAD	Chi-X
July 16, 2019	11:57:55	EDT	1500	2.15	CAD	Chi-X
July 16, 2019	11:57:55	EDT	800	2.15	CAD	Chi-X
July 16, 2019	11:57:55	EDT	500	2.15	CAD	Pure
July 16, 2019	12:00:57	EDT	700	2.15	CAD	NEO
July 16, 2019	12:00:57	EDT	200	2.15	CAD	Omega
July 16, 2019	12:01:27	EDT	1000	2.14	CAD	NEO
July 16, 2019	12:08:05	EDT	300	2.15	CAD	TSX
July 16, 2019	12:08:06	EDT	1200	2.15	CAD	TSX
July 16, 2019	12:08:06	EDT	500	2.15	CAD	TSX
July 16, 2019	12:08:38	EDT	600	2.14	CAD	NEO
July 16, 2019	12:11:05	EDT	2100	2.14	CAD	NEO
July 16, 2019	12:17:41	EDT	2000	2.14	CAD	NEO
July 16, 2019	12:17:43	EDT	1900	2.14	CAD	TSX
July 16, 2019	12:17:43	EDT	500	2.14	CAD	NEO
July 16, 2019	12:17:43	EDT	500	2.14	CAD	TSX
July 16, 2019	12:36:48	EDT	500	2.11	CAD	TSX
July 16, 2019	12:36:48	EDT	900	2.11	CAD	TSX
July 16, 2019	12:36:48	EDT	200	2.11	CAD	TSX
July 16, 2019	12:36:48	EDT	200	2.11	CAD	TSX
July 16, 2019	12:49:10	EDT	2800	2.1	CAD	NEO
July 16, 2019	12:52:23	EDT	1800	2.1	CAD	TSX
July 16, 2019	12:52:23	EDT	400	2.1	CAD	TSX
July 16, 2019	12:52:23	EDT	400	2.1	CAD	NEO
July 16, 2019	12:52:23	EDT	1800	2.1	CAD	NEO
July 16, 2019	13:12:53	EDT	1500	2.09	CAD	NEO
July 16, 2019	13:18:59	EDT	2400	2.09	CAD	NEO
July 16, 2019	13:21:02	EDT	100	2.09	CAD	TSX
July 16, 2019	13:21:22	EDT	200	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	500	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	400	2.09	CAD	NEO
July 16, 2019	13:21:27	EDT	100	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	100	2.09	CAD	TSX

July 16, 2019	13:21:27	EDT	1200	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	200	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	700	2.09	CAD	NEO
July 16, 2019	13:21:27	EDT	200	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	200	2.09	CAD	TSX
July 16, 2019	13:21:27	EDT	700	2.09	CAD	NEO
July 16, 2019	13:21:27	EDT	300	2.09	CAD	NEO
July 16, 2019	13:21:27	EDT	600	2.09	CAD	NEO
July 16, 2019	13:40:58	EDT	2100	2.08	CAD	NEO
July 16, 2019	13:48:12	EDT	1200	2.08	CAD	TSX
July 16, 2019	13:48:12	EDT	200	2.08	CAD	TSX
July 16, 2019	13:49:59	EDT	1400	2.08	CAD	TSX
July 16, 2019	13:49:59	EDT	100	2.08	CAD	TSX
July 16, 2019	13:49:59	EDT	200	2.08	CAD	NEO
July 16, 2019	13:49:59	EDT	1300	2.08	CAD	NEO
July 16, 2019	14:25:13	EDT	200	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	1500	2.08	CAD	Pure
July 16, 2019	14:25:13	EDT	900	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	200	2.08	CAD	NEO
July 16, 2019	14:25:13	EDT	500	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	200	2.08	CAD	NEO
July 16, 2019	14:25:13	EDT	300	2.08	CAD	Chi-X
July 16, 2019	14:25:13	EDT	700	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	1000	2.08	CAD	Chi-X
July 16, 2019	14:25:13	EDT	100	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	1200	2.08	CAD	Chi-X
July 16, 2019	14:25:13	EDT	1000	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	1700	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	900	2.08	CAD	TSX
July 16, 2019	14:25:13	EDT	100	2.08	CAD	TSX
July 16, 2019	14:27:57	EDT	800	2.08	CAD	Pure
July 16, 2019	14:27:57	EDT	100	2.08	CAD	NEO
July 16, 2019	14:34:32	EDT	800	2.08	CAD	Chi-X
July 16, 2019	14:34:32	EDT	100	2.08	CAD	TSX
July 16, 2019	14:34:32	EDT	100	2.08	CAD	NEO
July 16, 2019	14:34:32	EDT	800	2.08	CAD	Chi-X
July 16, 2019	14:34:32	EDT	700	2.08	CAD	Chi-X
July 16, 2019	14:34:32	EDT	900	2.08	CAD	NEO
July 16, 2019	14:34:32	EDT	600	2.08	CAD	Pure
July 16, 2019	14:36:33	EDT	900	2.08	CAD	Pure
July 16, 2019	14:38:36	EDT	200	2.08	CAD	Chi-X
July 16, 2019	14:38:36	EDT	900	2.08	CAD	Chi-X
July 16, 2019	14:41:38	EDT	100	2.08	CAD	NEO
July 16, 2019	14:41:38	EDT	900	2.08	CAD	Pure
July 16, 2019	15:17:51	EDT	600	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	900	2.09	CAD	NEO
July 16, 2019	15:17:51	EDT	1000	2.09	CAD	Chi-X
July 16, 2019	15:17:51	EDT	3100	2.09	CAD	Chi-X
July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	1500	2.09	CAD	Pure

July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	1600	2.09	CAD	Chi-X
July 16, 2019	15:17:51	EDT	100	2.09	CAD	Pure
July 16, 2019	15:17:51	EDT	100	2.09	CAD	LYNX
July 16, 2019	15:17:51	EDT	2000	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	200	2.09	CAD	NEO
July 16, 2019	15:17:51	EDT	100	2.09	CAD	LYNX
July 16, 2019	15:17:51	EDT	900	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	300	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	200	2.09	CAD	Omega
July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	1600	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	100	2.09	CAD	TSX
July 16, 2019	15:17:51	EDT	100	2.09	CAD	Alpha
July 16, 2019	15:17:51	EDT	600	2.09	CAD	Alpha
July 16, 2019	15:20:54	EDT	3600	2.09	CAD	NEO
July 16, 2019	15:21:42	EDT	200	2.095	CAD	TSX
July 16, 2019	15:21:42	EDT	100	2.1	CAD	TSX
July 16, 2019	15:21:42	EDT	1000	2.1	CAD	TSX
July 16, 2019	15:21:42	EDT	100	2.1	CAD	TSX
July 16, 2019	15:21:42	EDT	300	2.1	CAD	TSX
July 16, 2019	15:21:42	EDT	1700	2.1	CAD	TSX
July 16, 2019	15:21:42	EDT	100	2.1	CAD	TSX
July 16, 2019	15:21:42	EDT	25	2.1	CAD	TSX
July 17, 2019	09:31:44	EDT	800	2.09	CAD	TSX
July 17, 2019	09:31:44	EDT	300	2.09	CAD	NEO
July 17, 2019	09:31:44	EDT	100	2.09	CAD	TSX
July 17, 2019	09:31:44	EDT	700	2.09	CAD	NEO
July 17, 2019	09:32:31	EDT	100	2.08	CAD	TSX
July 17, 2019	09:33:19	EDT	200	2.08	CAD	NEO
July 17, 2019	09:33:19	EDT	800	2.08	CAD	TSX
July 17, 2019	09:33:19	EDT	800	2.08	CAD	NEO
July 17, 2019	09:33:19	EDT	100	2.08	CAD	NEO
July 17, 2019	09:33:19	EDT	100	2.08	CAD	TSX
July 17, 2019	09:35:59	EDT	300	2.08	CAD	Chi-X
July 17, 2019	09:35:59	EDT	100	2.08	CAD	NEO
July 17, 2019	09:35:59	EDT	900	2.08	CAD	NEO
July 17, 2019	09:35:59	EDT	200	2.08	CAD	Pure
July 17, 2019	09:41:05	EDT	600	2.07	CAD	TSX
July 17, 2019	09:41:05	EDT	200	2.07	CAD	TSX
July 17, 2019	09:41:05	EDT	2800	2.07	CAD	TSX
July 17, 2019	09:41:05	EDT	700	2.07	CAD	NEO
July 17, 2019	09:41:05	EDT	1600	2.07	CAD	NEO
July 17, 2019	09:41:05	EDT	400	2.07	CAD	NEO
July 17, 2019	09:41:05	EDT	500	2.07	CAD	NEO
July 17, 2019	09:41:05	EDT	500	2.07	CAD	NEO
July 17, 2019	09:47:33	EDT	100	2.05	CAD	NEO

July 17, 2019	09:47:33	EDT	1700	2.05	CAD	TSX
July 17, 2019	09:47:33	EDT	100	2.05	CAD	TSX
July 17, 2019	09:47:33	EDT	100	2.05	CAD	TSX
July 17, 2019	09:47:33	EDT	600	2.05	CAD	TSX
July 17, 2019	09:47:33	EDT	800	2.05	CAD	NEO
July 17, 2019	09:47:33	EDT	1700	2.05	CAD	NEO
July 17, 2019	09:55:17	EDT	2000	2.07	CAD	NEO
July 17, 2019	09:56:12	EDT	700	2.07	CAD	TSX
July 17, 2019	09:56:12	EDT	200	2.07	CAD	TSX
July 17, 2019	09:56:12	EDT	1300	2.07	CAD	TSX
July 17, 2019	09:56:12	EDT	200	2.07	CAD	NEO
July 17, 2019	09:56:12	EDT	2100	2.07	CAD	NEO
July 17, 2019	10:03:06	EDT	100	2.08	CAD	Chi-X
July 17, 2019	10:03:06	EDT	1200	2.08	CAD	Chi-X
July 17, 2019	10:05:16	EDT	1600	2.08	CAD	TSX
July 17, 2019	10:05:16	EDT	1700	2.08	CAD	NEO
July 17, 2019	10:05:16	EDT	600	2.08	CAD	TSX
July 17, 2019	10:05:16	EDT	600	2.08	CAD	NEO
July 17, 2019	10:14:22	EDT	200	2.07	CAD	TSX
July 17, 2019	10:14:22	EDT	200	2.07	CAD	NEO
July 17, 2019	10:14:22	EDT	100	2.07	CAD	TSX
July 17, 2019	10:14:22	EDT	200	2.07	CAD	TSX
July 17, 2019	10:14:22	EDT	400	2.07	CAD	TSX
July 17, 2019	10:14:22	EDT	400	2.07	CAD	NEO
July 17, 2019	10:14:22	EDT	100	2.07	CAD	TSX
July 17, 2019	10:14:46	EDT	100	2.07	CAD	NEO
July 17, 2019	10:14:46	EDT	100	2.07	CAD	NEO
July 17, 2019	10:14:46	EDT	200	2.07	CAD	NEO
July 17, 2019	10:22:56	EDT	1700	2.07	CAD	TSX
July 17, 2019	10:22:56	EDT	100	2.07	CAD	NEO
July 17, 2019	10:22:56	EDT	1300	2.07	CAD	Chi-X
July 17, 2019	10:23:31	EDT	1500	2.07	CAD	TSX
July 17, 2019	10:23:31	EDT	200	2.07	CAD	TSX
July 17, 2019	10:23:31	EDT	1500	2.07	CAD	NEO
July 17, 2019	10:23:31	EDT	100	2.07	CAD	TSX
July 17, 2019	10:23:32	EDT	300	2.07	CAD	Chi-X
July 17, 2019	10:30:00	EDT	200	2.06	CAD	TSX
July 17, 2019	10:30:00	EDT	800	2.06	CAD	TSX
July 17, 2019	10:33:24	EDT	100	2.07	CAD	NEO
July 17, 2019	10:33:24	EDT	100	2.065	CAD	TSX
July 17, 2019	10:33:24	EDT	1400	2.07	CAD	Chi-X
July 17, 2019	10:33:24	EDT	100	2.07	CAD	TSX
July 17, 2019	10:35:27	EDT	300	2.08	CAD	TSX
July 17, 2019	10:35:27	EDT	1000	2.08	CAD	TSX
July 17, 2019	10:36:29	EDT	1000	2.08	CAD	NEO
July 17, 2019	10:38:33	EDT	100	2.075	CAD	TSX
July 17, 2019	10:38:33	EDT	600	2.08	CAD	TSX
July 17, 2019	10:38:33	EDT	400	2.08	CAD	TSX
July 17, 2019	10:38:33	EDT	100	2.075	CAD	TSX
July 17, 2019	10:42:26	EDT	2400	2.07	CAD	TSX

July 17, 2019	10:42:26	EDT	1300	2.07	CAD	NEO
July 17, 2019	10:42:26	EDT	200	2.07	CAD	TSX
July 17, 2019	10:43:03	EDT	200	2.06	CAD	NEO
July 17, 2019	10:43:03	EDT	600	2.06	CAD	NEO
July 17, 2019	10:44:35	EDT	1100	2.06	CAD	TSX
July 17, 2019	10:44:35	EDT	300	2.06	CAD	NEO
July 17, 2019	10:46:11	EDT	100	2.06	CAD	TSX
July 17, 2019	10:46:33	EDT	100	2.06	CAD	TSX
July 17, 2019	10:46:34	EDT	300	2.06	CAD	NEO
July 17, 2019	10:49:08	EDT	900	2.06	CAD	TSX
July 17, 2019	10:49:08	EDT	900	2.06	CAD	NEO
July 17, 2019	10:49:11	EDT	100	2.06	CAD	TSX
July 17, 2019	10:49:11	EDT	100	2.06	CAD	NEO
July 17, 2019	11:23:53	EDT	1800	2.07	CAD	Chi-X
July 17, 2019	11:23:53	EDT	1000	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	1500	2.07	CAD	Chi-X
July 17, 2019	11:23:53	EDT	100	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	1000	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	100	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	100	2.07	CAD	Chi-X
July 17, 2019	11:23:53	EDT	300	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	100	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	600	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	300	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	100	2.07	CAD	TSX
July 17, 2019	11:23:53	EDT	3300	2.07	CAD	TSX
July 17, 2019	11:25:00	EDT	4000	2.07	CAD	NEO
July 17, 2019	11:26:00	EDT	1300	2.08	CAD	NEO
July 17, 2019	11:26:00	EDT	1000	2.08	CAD	TSX
July 17, 2019	11:26:00	EDT	100	2.08	CAD	TSX
July 17, 2019	11:26:00	EDT	1400	2.08	CAD	Chi-X
July 17, 2019	11:26:00	EDT	1000	2.08	CAD	TSX
July 17, 2019	11:26:00	EDT	100	2.08	CAD	Chi-X
July 17, 2019	11:26:00	EDT	400	2.08	CAD	TSX
July 17, 2019	11:26:00	EDT	900	2.08	CAD	Chi-X
July 17, 2019	11:26:00	EDT	100	2.08	CAD	Chi-X
July 17, 2019	11:26:00	EDT	500	2.08	CAD	Chi-X
July 17, 2019	12:05:13	EDT	4500	2.08	CAD	TSX
July 17, 2019	12:05:13	EDT	5100	2.08	CAD	TSX
July 17, 2019	12:05:13	EDT	100	2.08	CAD	NEO
July 17, 2019	12:05:48	EDT	1000	2.1	CAD	TSX
July 17, 2019	12:05:48	EDT	1500	2.1	CAD	Chi-X
July 17, 2019	12:05:48	EDT	900	2.1	CAD	TSX
July 17, 2019	12:05:48	EDT	1500	2.1	CAD	Pure
July 17, 2019	12:05:48	EDT	300	2.1	CAD	TSX
July 17, 2019	12:05:48	EDT	3300	2.1	CAD	TSX
July 17, 2019	12:07:49	EDT	100	2.11	CAD	TSX
July 17, 2019	12:07:49	EDT	100	2.11	CAD	Chi-X
July 17, 2019	12:07:49	EDT	600	2.11	CAD	TSX
July 17, 2019	12:09:51	EDT	100	2.12	CAD	NEO

July 17, 2019	12:09:51	EDT	900	2.12	CAD	NEO
July 17, 2019	12:09:51	EDT	200	2.12	CAD	Omega
July 17, 2019	12:09:51	EDT	100	2.12	CAD	Pure
July 17, 2019	12:14:53	EDT	100	2.12	CAD	NEO
July 17, 2019	12:14:53	EDT	300	2.12	CAD	TSX
July 17, 2019	12:14:53	EDT	1000	2.12	CAD	TSX
July 17, 2019	12:14:53	EDT	200	2.12	CAD	TSX
July 17, 2019	12:14:53	EDT	500	2.12	CAD	TSX
July 17, 2019	12:20:55	EDT	200	2.12	CAD	NEO
July 17, 2019	12:20:55	EDT	700	2.12	CAD	NEO
July 17, 2019	12:20:55	EDT	1900	2.12	CAD	TSX
July 17, 2019	12:20:55	EDT	1400	2.12	CAD	NEO
July 17, 2019	12:20:55	EDT	500	2.12	CAD	TSX
July 17, 2019	12:20:55	EDT	100	2.12	CAD	NEO
July 17, 2019	12:30:06	EDT	100	2.11	CAD	TSX
July 17, 2019	12:30:32	EDT	400	2.11	CAD	TSX
July 17, 2019	12:30:41	EDT	100	2.11	CAD	TSX
July 17, 2019	12:31:01	EDT	100	2.11	CAD	TSX
July 17, 2019	12:31:02	EDT	200	2.11	CAD	TSX
July 17, 2019	12:31:02	EDT	800	2.11	CAD	NEO
July 17, 2019	12:31:29	EDT	100	2.11	CAD	TSX
July 17, 2019	12:32:22	EDT	200	2.11	CAD	NEO
July 17, 2019	12:36:22	EDT	700	2.1	CAD	NEO
July 17, 2019	12:40:48	EDT	1000	2.1	CAD	TSX
July 17, 2019	12:40:48	EDT	300	2.1	CAD	NEO
July 17, 2019	12:52:25	EDT	2200	2.09	CAD	TSX
July 17, 2019	12:52:25	EDT	1600	2.09	CAD	NEO
July 17, 2019	12:52:25	EDT	600	2.09	CAD	NEO
July 17, 2019	13:02:08	EDT	100	2.06	CAD	TSX
July 17, 2019	13:03:23	EDT	100	2.06	CAD	TSX
July 17, 2019	13:03:36	EDT	100	2.06	CAD	NEO
July 17, 2019	13:03:40	EDT	500	2.06	CAD	NEO
July 17, 2019	13:03:44	EDT	100	2.06	CAD	TSX
July 17, 2019	13:04:09	EDT	100	2.06	CAD	TSX
July 17, 2019	13:04:42	EDT	100	2.06	CAD	TSX
July 17, 2019	13:05:13	EDT	100	2.06	CAD	TSX
July 17, 2019	13:05:27	EDT	100	2.06	CAD	TSX
July 17, 2019	13:05:36	EDT	100	2.06	CAD	TSX
July 17, 2019	13:06:06	EDT	100	2.06	CAD	TSX
July 17, 2019	13:06:33	EDT	100	2.06	CAD	TSX
July 17, 2019	13:08:44	EDT	100	2.06	CAD	TSX
July 17, 2019	13:09:17	EDT	100	2.06	CAD	TSX
July 17, 2019	13:09:27	EDT	100	2.06	CAD	TSX
July 17, 2019	13:09:46	EDT	100	2.06	CAD	TSX
July 17, 2019	13:10:16	EDT	100	2.06	CAD	TSX
July 17, 2019	13:10:47	EDT	100	2.06	CAD	TSX
July 17, 2019	13:11:02	EDT	1100	2.06	CAD	NEO
July 17, 2019	13:11:02	EDT	800	2.06	CAD	TSX
July 17, 2019	13:11:02	EDT	300	2.06	CAD	NEO
July 17, 2019	13:16:14	EDT	700	2.05	CAD	TSX

July 17, 2019	13:16:14	EDT	800	2.05	CAD	NEO
July 17, 2019	13:16:23	EDT	300	2.05	CAD	TSX
July 17, 2019	13:16:23	EDT	300	2.05	CAD	NEO
July 17, 2019	13:27:43	EDT	2400	2.04	CAD	TSX
July 17, 2019	13:27:43	EDT	2300	2.04	CAD	NEO
July 17, 2019	13:39:41	EDT	900	2.04	CAD	TSX
July 17, 2019	13:39:41	EDT	800	2.04	CAD	NEO
July 17, 2019	13:39:41	EDT	100	2.04	CAD	TSX
July 17, 2019	13:39:41	EDT	200	2.04	CAD	NEO
July 17, 2019	14:08:11	EDT	100	2.04	CAD	TSX
July 17, 2019	14:08:12	EDT	100	2.04	CAD	TSX
July 17, 2019	14:08:40	EDT	100	2.04	CAD	TSX
July 17, 2019	14:10:38	EDT	2000	2.04	CAD	TSX
July 17, 2019	14:10:41	EDT	100	2.04	CAD	TSX
July 17, 2019	14:10:43	EDT	200	2.04	CAD	TSX
July 17, 2019	14:10:43	EDT	2300	2.04	CAD	NEO
July 17, 2019	14:10:43	EDT	200	2.04	CAD	TSX
July 17, 2019	14:10:43	EDT	2300	2.04	CAD	TSX
July 17, 2019	14:11:53	EDT	100	2.04	CAD	TSX
July 17, 2019	14:12:22	EDT	100	2.04	CAD	TSX
July 17, 2019	14:12:36	EDT	100	2.04	CAD	TSX
July 17, 2019	14:13:22	EDT	100	2.04	CAD	TSX
July 17, 2019	14:13:31	EDT	100	2.04	CAD	TSX
July 17, 2019	14:13:40	EDT	100	2.04	CAD	TSX
July 17, 2019	14:13:42	EDT	200	2.04	CAD	TSX
July 17, 2019	14:13:55	EDT	100	2.04	CAD	TSX
July 17, 2019	14:14:21	EDT	200	2.04	CAD	TSX
July 17, 2019	14:14:23	EDT	100	2.04	CAD	TSX
July 17, 2019	14:14:52	EDT	100	2.04	CAD	TSX
July 17, 2019	14:14:57	EDT	100	2.04	CAD	TSX
July 17, 2019	14:15:03	EDT	100	2.04	CAD	TSX
July 17, 2019	14:30:05	EDT	2800	2.04	CAD	NEO
July 17, 2019	14:30:05	EDT	2900	2.04	CAD	TSX
July 17, 2019	14:30:05	EDT	1100	2.04	CAD	TSX
July 17, 2019	14:30:05	EDT	200	2.04	CAD	TSX
July 17, 2019	14:30:05	EDT	500	2.04	CAD	TSX
July 17, 2019	14:30:05	EDT	300	2.04	CAD	TSX
July 17, 2019	14:30:14	EDT	100	2.04	CAD	TSX
July 17, 2019	14:31:01	EDT	100	2.04	CAD	TSX
July 17, 2019	14:31:56	EDT	100	2.04	CAD	TSX
July 17, 2019	14:32:29	EDT	100	2.04	CAD	TSX
July 17, 2019	14:32:53	EDT	800	2.04	CAD	TSX
July 17, 2019	14:32:53	EDT	1100	2.04	CAD	NEO
July 17, 2019	14:32:53	EDT	100	2.04	CAD	TSX
July 17, 2019	14:32:54	EDT	100	2.04	CAD	TSX
July 17, 2019	14:32:55	EDT	200	2.04	CAD	NEO
July 17, 2019	14:34:17	EDT	100	2.04	CAD	TSX
July 17, 2019	14:34:18	EDT	900	2.04	CAD	TSX
July 17, 2019	14:34:18	EDT	100	2.04	CAD	NEO
July 17, 2019	14:34:18	EDT	900	2.04	CAD	NEO

July 17, 2019	15:03:06	EDT	100	2.03	CAD	NEO
July 17, 2019	15:03:13	EDT	1000	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	1000	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	700	2.04	CAD	NEO
July 17, 2019	15:03:13	EDT	200	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	700	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	400	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	300	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	100	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	2500	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	900	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	300	2.04	CAD	TSX
July 17, 2019	15:03:13	EDT	100	2.04	CAD	Alpha
July 17, 2019	15:03:13	EDT	100	2.04	CAD	Alpha
July 17, 2019	15:03:13	EDT	100	2.04	CAD	Alpha
July 17, 2019	15:03:19	EDT	100	2.04	CAD	TSX
July 17, 2019	15:04:12	EDT	200	2.04	CAD	TSX
July 17, 2019	15:10:27	EDT	900	2.06	CAD	NEO
July 17, 2019	15:10:27	EDT	400	2.06	CAD	Chi-X
July 17, 2019	15:10:27	EDT	1500	2.06	CAD	Pure
July 17, 2019	15:10:27	EDT	200	2.06	CAD	Omega
July 17, 2019	15:10:27	EDT	100	2.06	CAD	Omega
July 17, 2019	15:10:27	EDT	100	2.06	CAD	Omega
July 17, 2019	15:12:29	EDT	800	2.06	CAD	NEO
July 17, 2019	15:12:29	EDT	200	2.06	CAD	Omega
July 17, 2019	15:15:31	EDT	2400	2.06	CAD	NEO
July 17, 2019	15:15:31	EDT	25	2.06	CAD	TSX
July 17, 2019	15:15:31	EDT	4800	2.055	CAD	TSX
July 17, 2019	15:15:31	EDT	1600	2.06	CAD	NEO
July 17, 2019	15:15:31	EDT	200	2.06	CAD	NEO
July 17, 2019	15:15:31	EDT	500	2.06	CAD	NEO
July 18, 2019	09:31:01	EDT	100	2.04	CAD	Pure
July 18, 2019	09:32:06	EDT	100	2.03	CAD	TSX
July 18, 2019	09:32:06	EDT	200	2.03	CAD	TSX
July 18, 2019	09:32:06	EDT	200	2.03	CAD	TSX
July 18, 2019	09:32:06	EDT	500	2.03	CAD	TSX
July 18, 2019	09:32:06	EDT	200	2.03	CAD	NEO
July 18, 2019	09:32:06	EDT	800	2.03	CAD	NEO
July 18, 2019	09:34:35	EDT	400	2.03	CAD	Pure
July 18, 2019	09:34:35	EDT	600	2.03	CAD	Pure
July 18, 2019	09:41:05	EDT	1000	2.03	CAD	TSX
July 18, 2019	09:41:05	EDT	2800	2.03	CAD	TSX
July 18, 2019	09:41:05	EDT	1000	2.03	CAD	TSX
July 18, 2019	09:42:14	EDT	100	2.04	CAD	Chi-X
July 18, 2019	09:42:14	EDT	1100	2.04	CAD	Chi-X
July 18, 2019	09:42:14	EDT	500	2.04	CAD	Chi-X
July 18, 2019	09:42:14	EDT	100	2.04	CAD	Chi-X
July 18, 2019	09:42:14	EDT	100	2.04	CAD	Chi-X
July 18, 2019	09:42:14	EDT	1300	2.04	CAD	Chi-X
July 18, 2019	09:42:14	EDT	300	2.04	CAD	TSX

July 18, 2019	09:42:14	EDT	800	2.04	CAD	TSX
July 18, 2019	09:48:01	EDT	1400	2.03	CAD	TSX
July 18, 2019	09:48:01	EDT	600	2.03	CAD	NEO
July 18, 2019	09:48:01	EDT	800	2.03	CAD	NEO
July 18, 2019	09:48:01	EDT	700	2.03	CAD	NEO
July 18, 2019	09:48:01	EDT	1600	2.03	CAD	TSX
July 18, 2019	09:48:01	EDT	100	2.03	CAD	NEO
July 18, 2019	09:48:01	EDT	700	2.03	CAD	NEO
July 18, 2019	09:48:01	EDT	100	2.03	CAD	NEO
July 18, 2019	09:48:01	EDT	100	2.03	CAD	Chi-X
July 18, 2019	09:51:55	EDT	1000	2.02	CAD	TSX
July 18, 2019	09:51:55	EDT	100	2.02	CAD	NEO
July 18, 2019	09:51:55	EDT	100	2.02	CAD	NEO
July 18, 2019	09:51:55	EDT	100	2.02	CAD	NEO
July 18, 2019	10:00:16	EDT	100	2.025	CAD	Chi-X
July 18, 2019	10:00:16	EDT	100	2.025	CAD	Chi-X
July 18, 2019	10:00:16	EDT	900	2.03	CAD	Pure
July 18, 2019	10:00:16	EDT	200	2.03	CAD	Chi-X
July 18, 2019	10:00:16	EDT	1300	2.03	CAD	Chi-X
July 18, 2019	10:00:16	EDT	600	2.03	CAD	Pure
July 18, 2019	10:00:16	EDT	900	2.03	CAD	Chi-X
July 18, 2019	10:04:26	EDT	100	2.025	CAD	Chi-X
July 18, 2019	10:04:26	EDT	1000	2.03	CAD	Chi-X
July 18, 2019	10:04:26	EDT	1100	2.03	CAD	NEO
July 18, 2019	10:04:26	EDT	300	2.03	CAD	Chi-X
July 18, 2019	10:05:28	EDT	100	2.025	CAD	Chi-X
July 18, 2019	10:05:28	EDT	200	2.03	CAD	Chi-X
July 18, 2019	10:05:28	EDT	500	2.03	CAD	Chi-X
July 18, 2019	10:07:34	EDT	1900	2.02	CAD	TSX
July 18, 2019	10:07:35	EDT	100	2.02	CAD	TSX
July 18, 2019	10:07:48	EDT	100	2.02	CAD	TSX
July 18, 2019	10:19:55	EDT	1500	2.03	CAD	Chi-X
July 18, 2019	10:19:55	EDT	100	2.025	CAD	Chi-X
July 18, 2019	10:19:55	EDT	1400	2.03	CAD	Chi-X
July 18, 2019	10:19:55	EDT	400	2.03	CAD	Chi-X
July 18, 2019	10:19:55	EDT	100	2.025	CAD	Chi-X
July 18, 2019	10:19:55	EDT	500	2.03	CAD	Chi-X
July 18, 2019	10:19:55	EDT	200	2.03	CAD	Chi-X
July 18, 2019	10:19:55	EDT	800	2.03	CAD	TSX
July 18, 2019	10:19:55	EDT	1300	2.03	CAD	Chi-X
July 18, 2019	10:25:33	EDT	1800	2.03	CAD	TSX
July 18, 2019	10:25:33	EDT	400	2.03	CAD	TSX
July 18, 2019	10:25:33	EDT	1900	2.03	CAD	NEO
July 18, 2019	10:25:33	EDT	300	2.03	CAD	NEO
July 18, 2019	10:25:33	EDT	100	2.03	CAD	NEO
July 18, 2019	10:32:36	EDT	1200	2.03	CAD	Chi-X
July 18, 2019	10:39:18	EDT	3400	2.02	CAD	TSX
July 18, 2019	10:39:18	EDT	500	2.02	CAD	NEO
July 18, 2019	10:39:18	EDT	3400	2.02	CAD	NEO
July 18, 2019	10:39:18	EDT	400	2.02	CAD	TSX

July 18, 2019	10:41:53	EDT	900	2.01	CAD	TSX
July 18, 2019	10:43:26	EDT	100	2.01	CAD	TSX
July 18, 2019	10:47:46	EDT	100	2.01	CAD	TSX
July 18, 2019	10:49:29	EDT	100	2.015	CAD	TSX
July 18, 2019	10:49:29	EDT	400	2.02	CAD	TSX
July 18, 2019	10:49:29	EDT	600	2.02	CAD	TSX
July 18, 2019	10:49:29	EDT	800	2.02	CAD	TSX
July 18, 2019	10:54:37	EDT	300	2.01	CAD	TSX
July 18, 2019	10:54:37	EDT	200	2.01	CAD	NEO
July 18, 2019	10:54:37	EDT	100	2.01	CAD	TSX
July 18, 2019	10:54:37	EDT	3000	2.01	CAD	TSX
July 18, 2019	10:54:37	EDT	2700	2.01	CAD	NEO
July 18, 2019	10:54:37	EDT	200	2.01	CAD	NEO
July 18, 2019	10:54:37	EDT	200	2.01	CAD	NEO
July 18, 2019	10:54:37	EDT	100	2.01	CAD	NEO
July 18, 2019	11:03:31	EDT	300	2	CAD	NEO
July 18, 2019	11:04:42	EDT	100	2.005	CAD	TSX
July 18, 2019	11:04:42	EDT	500	2.01	CAD	TSX
July 18, 2019	11:04:42	EDT	800	2.01	CAD	TSX
July 18, 2019	11:04:48	EDT	1300	2	CAD	NEO
July 18, 2019	11:04:48	EDT	1300	2	CAD	TSX
July 18, 2019	11:14:04	EDT	800	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	100	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	100	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	400	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	1000	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	600	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	600	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	400	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	100	2.01	CAD	TSX
July 18, 2019	11:14:04	EDT	800	2.01	CAD	TSX
July 18, 2019	11:16:07	EDT	100	2.005	CAD	Chi-X
July 18, 2019	11:16:07	EDT	1000	2.01	CAD	Chi-X
July 18, 2019	11:19:13	EDT	1300	2.01	CAD	Chi-X
July 18, 2019	11:19:13	EDT	100	2.01	CAD	Chi-X
July 18, 2019	11:19:13	EDT	100	2.01	CAD	Chi-X
July 18, 2019	11:20:16	EDT	1100	2.01	CAD	NEO
July 18, 2019	11:20:18	EDT	1500	2	CAD	NEO
July 18, 2019	11:20:18	EDT	1600	2	CAD	TSX
July 18, 2019	11:20:18	EDT	300	2	CAD	NEO
July 18, 2019	11:20:18	EDT	200	2	CAD	TSX
July 18, 2019	11:25:05	EDT	900	2	CAD	TSX
July 18, 2019	11:25:05	EDT	500	2	CAD	NEO
July 18, 2019	11:35:00	EDT	1100	2.01	CAD	NEO
July 18, 2019	11:35:00	EDT	600	2.01	CAD	Pure
July 18, 2019	11:35:00	EDT	300	2.01	CAD	Pure
July 18, 2019	12:04:28	EDT	6100	2	CAD	NEO
July 18, 2019	12:04:29	EDT	1800	2	CAD	NEO
July 18, 2019	12:13:19	EDT	1600	2.01	CAD	TSX
July 18, 2019	12:13:19	EDT	1000	2.01	CAD	TSX

July 18, 2019	12:13:19	EDT	1000	2.01	CAD	TSX
July 18, 2019	12:13:19	EDT	200	2.005	CAD	TSX
July 18, 2019	12:13:19	EDT	500	2.01	CAD	TSX
July 18, 2019	12:13:19	EDT	5600	2.01	CAD	TSX
July 18, 2019	12:21:28	EDT	1000	2.01	CAD	Chi-X
July 18, 2019	12:21:28	EDT	100	2.005	CAD	Chi-X
July 18, 2019	12:21:28	EDT	200	2.01	CAD	Chi-X
July 18, 2019	12:21:28	EDT	600	2.01	CAD	Chi-X
July 18, 2019	12:21:28	EDT	600	2.01	CAD	NEO
July 18, 2019	12:25:29	EDT	700	2.01	CAD	NEO
July 18, 2019	12:25:29	EDT	200	2.01	CAD	Omega
July 18, 2019	12:32:37	EDT	1400	2.01	CAD	Pure
July 18, 2019	12:32:37	EDT	600	2.01	CAD	Chi-X
July 18, 2019	12:34:38	EDT	700	2.01	CAD	NEO
July 18, 2019	12:34:38	EDT	200	2.01	CAD	Omega
July 18, 2019	12:38:41	EDT	100	2.01	CAD	Chi-X
July 18, 2019	12:38:41	EDT	700	2.01	CAD	Chi-X
July 18, 2019	12:38:41	EDT	300	2.01	CAD	Chi-X
July 18, 2019	12:38:41	EDT	200	2.01	CAD	Chi-X
July 18, 2019	12:59:09	EDT	100	2.005	CAD	TSX
July 18, 2019	12:59:09	EDT	3600	2.01	CAD	TSX
July 18, 2019	12:59:09	EDT	100	2.01	CAD	TSX
July 18, 2019	12:59:09	EDT	100	2.01	CAD	TSX
July 18, 2019	12:59:09	EDT	400	2.01	CAD	TSX
July 18, 2019	12:59:09	EDT	700	2.01	CAD	TSX
July 18, 2019	13:00:57	EDT	1500	2	CAD	TSX
July 18, 2019	13:00:57	EDT	200	2	CAD	NEO
July 18, 2019	13:00:57	EDT	200	2	CAD	TSX
July 18, 2019	13:00:57	EDT	1600	2	CAD	NEO
July 18, 2019	13:30:39	EDT	500	2.01	CAD	TSX
July 18, 2019	13:30:39	EDT	5900	2.01	CAD	TSX
July 18, 2019	14:01:31	EDT	500	2.01	CAD	TSX
July 18, 2019	14:01:31	EDT	7600	2.01	CAD	TSX
July 18, 2019	14:19:16	EDT	100	2	CAD	NEO
July 18, 2019	14:20:45	EDT	3200	2	CAD	NEO
July 18, 2019	14:21:00	EDT	600	2	CAD	TSX
July 18, 2019	14:21:00	EDT	1000	2	CAD	NEO
July 18, 2019	14:21:00	EDT	100	2	CAD	TSX
July 18, 2019	14:21:00	EDT	1000	2	CAD	NEO
July 18, 2019	14:21:00	EDT	500	2	CAD	TSX
July 18, 2019	14:21:00	EDT	100	2	CAD	TSX
July 18, 2019	14:21:00	EDT	200	2	CAD	TSX
July 18, 2019	14:21:00	EDT	100	2	CAD	TSX
July 18, 2019	14:21:02	EDT	100	2	CAD	TSX
July 18, 2019	15:00:18	EDT	1000	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	900	2.01	CAD	Pure
July 18, 2019	15:00:18	EDT	900	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	3800	2.01	CAD	TSX
July 18, 2019	15:00:18	EDT	900	2.01	CAD	NEO
July 18, 2019	15:00:18	EDT	100	2.01	CAD	Chi-X

July 18, 2019	15:00:18	EDT	1500	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	200	2.01	CAD	Omega
July 18, 2019	15:00:18	EDT	1700	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	500	2.01	CAD	Omega
July 18, 2019	15:00:18	EDT	1400	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	1500	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	500	2.01	CAD	Pure
July 18, 2019	15:00:18	EDT	500	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	1200	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	100	2.01	CAD	Omega
July 18, 2019	15:00:18	EDT	1200	2.01	CAD	Chi-X
July 18, 2019	15:00:18	EDT	400	2.01	CAD	Chi-X
July 18, 2019	15:00:27	EDT	100	2.01	CAD	TSX
July 18, 2019	15:00:27	EDT	100	2.01	CAD	TSX
July 18, 2019	15:00:50	EDT	100	2.01	CAD	TSX
July 18, 2019	15:17:13	EDT	100	2.03	CAD	Alpha
July 18, 2019	15:17:13	EDT	100	2.025	CAD	TSX
July 18, 2019	15:17:13	EDT	5000	2.03	CAD	Alpha
July 18, 2019	15:17:13	EDT	1000	2.03	CAD	TSX
July 18, 2019	15:17:13	EDT	100	2.025	CAD	Chi-X
July 18, 2019	15:17:13	EDT	400	2.03	CAD	Chi-X
July 18, 2019	15:17:13	EDT	1000	2.03	CAD	TSX
July 18, 2019	15:17:13	EDT	200	2.03	CAD	Chi-X
July 18, 2019	15:17:13	EDT	2000	2.03	CAD	TSX
July 18, 2019	15:17:13	EDT	100	2.03	CAD	Chi-X
July 18, 2019	15:17:13	EDT	300	2.03	CAD	TSX
July 18, 2019	15:17:13	EDT	100	2.03	CAD	TSX
July 18, 2019	15:17:14	EDT	400	2.03	CAD	Chi-X
July 18, 2019	15:17:14	EDT	600	2.03	CAD	Chi-X
July 18, 2019	15:17:14	EDT	100	2.03	CAD	TSX
July 18, 2019	15:17:14	EDT	400	2.03	CAD	Chi-X
July 18, 2019	15:17:14	EDT	100	2.03	CAD	TSX
July 18, 2019	15:17:14	EDT	800	2.03	CAD	Chi-X
July 18, 2019	15:26:33	EDT	100	2.035	CAD	TSX
July 18, 2019	15:26:33	EDT	25	2.04	CAD	TSX
July 18, 2019	15:26:33	EDT	100	2.04	CAD	NEO
July 18, 2019	15:26:33	EDT	1000	2.04	CAD	NEO
July 18, 2019	15:26:33	EDT	1000	2.04	CAD	TSX
July 19, 2019	09:31:46	EDT	100	2.015	CAD	TSX
July 19, 2019	09:33:02	EDT	500	2.02	CAD	Pure
July 19, 2019	09:33:02	EDT	900	2.02	CAD	Pure
July 19, 2019	09:34:17	EDT	900	2.03	CAD	TSX
July 19, 2019	09:34:17	EDT	500	2.03	CAD	TSX
July 19, 2019	09:34:17	EDT	900	2.03	CAD	TSX
July 19, 2019	09:34:17	EDT	600	2.03	CAD	NEO
July 19, 2019	09:34:17	EDT	1800	2.03	CAD	NEO
July 19, 2019	09:38:39	EDT	100	2.035	CAD	Chi-X
July 19, 2019	09:38:39	EDT	700	2.04	CAD	Chi-X
July 19, 2019	09:38:39	EDT	700	2.04	CAD	Chi-X
July 19, 2019	09:39:41	EDT	300	2.05	CAD	NEO

July 19, 2019	09:39:41	EDT	300	2.05	CAD	NEO
July 19, 2019	09:39:41	EDT	300	2.05	CAD	Pure
July 19, 2019	09:39:41	EDT	200	2.05	CAD	Pure
July 19, 2019	09:40:43	EDT	700	2.05	CAD	TSX
July 19, 2019	09:43:54	EDT	400	2.07	CAD	Pure
July 19, 2019	09:43:54	EDT	600	2.07	CAD	Pure
July 19, 2019	09:43:54	EDT	700	2.07	CAD	Chi-X
July 19, 2019	09:43:54	EDT	100	2.065	CAD	Chi-X
July 19, 2019	09:43:54	EDT	1000	2.07	CAD	Chi-X
July 19, 2019	09:45:59	EDT	1200	2.07	CAD	Chi-X
July 19, 2019	09:45:59	EDT	100	2.065	CAD	Chi-X
July 19, 2019	09:45:59	EDT	200	2.07	CAD	Chi-X
July 19, 2019	09:48:01	EDT	100	2.065	CAD	Chi-X
July 19, 2019	09:48:01	EDT	200	2.07	CAD	Chi-X
July 19, 2019	09:48:01	EDT	1200	2.07	CAD	Chi-X
July 19, 2019	09:51:06	EDT	200	2.07	CAD	Chi-X
July 19, 2019	09:51:06	EDT	800	2.07	CAD	TSX
July 19, 2019	09:51:06	EDT	100	2.07	CAD	Chi-X
July 19, 2019	09:51:06	EDT	100	2.065	CAD	TSX
July 19, 2019	09:51:06	EDT	1000	2.07	CAD	Chi-X
July 19, 2019	09:52:35	EDT	500	2.06	CAD	TSX
July 19, 2019	09:52:35	EDT	1300	2.06	CAD	NEO
July 19, 2019	09:52:35	EDT	1200	2.06	CAD	TSX
July 19, 2019	09:52:35	EDT	100	2.06	CAD	NEO
July 19, 2019	09:52:35	EDT	400	2.06	CAD	NEO
July 19, 2019	10:05:36	EDT	100	2.055	CAD	Chi-X
July 19, 2019	10:05:36	EDT	200	2.055	CAD	Chi-X
July 19, 2019	10:05:36	EDT	200	2.055	CAD	Chi-X
July 19, 2019	10:05:36	EDT	500	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	1600	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	400	2.06	CAD	Pure
July 19, 2019	10:05:36	EDT	300	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	500	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	300	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	100	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	1000	2.06	CAD	Chi-X
July 19, 2019	10:05:36	EDT	200	2.06	CAD	Pure
July 19, 2019	10:13:16	EDT	500	2.06	CAD	NEO
July 19, 2019	10:18:12	EDT	3400	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	100	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	400	2.07	CAD	Pure
July 19, 2019	10:18:12	EDT	600	2.07	CAD	Pure
July 19, 2019	10:18:12	EDT	400	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	300	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	200	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	1500	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	200	2.07	CAD	Chi-X
July 19, 2019	10:18:12	EDT	200	2.07	CAD	Chi-X
July 19, 2019	10:22:13	EDT	600	2.08	CAD	Pure
July 19, 2019	10:22:13	EDT	300	2.08	CAD	Pure

July 19, 2019	10:25:17	EDT	900	2.08	CAD	Pure
July 19, 2019	10:25:17	EDT	600	2.08	CAD	Pure
July 19, 2019	10:30:27	EDT	100	2.075	CAD	Chi-X
July 19, 2019	10:30:27	EDT	1000	2.08	CAD	Chi-X
July 19, 2019	10:30:27	EDT	1500	2.08	CAD	Pure
July 19, 2019	10:33:35	EDT	800	2.08	CAD	Chi-X
July 19, 2019	10:33:35	EDT	1500	2.08	CAD	Pure
July 19, 2019	10:33:35	EDT	200	2.08	CAD	Chi-X
July 19, 2019	10:39:52	EDT	100	2.075	CAD	Chi-X
July 19, 2019	10:39:52	EDT	500	2.08	CAD	Chi-X
July 19, 2019	10:39:52	EDT	100	2.08	CAD	Chi-X
July 19, 2019	10:39:52	EDT	800	2.08	CAD	Chi-X
July 19, 2019	10:39:52	EDT	1500	2.08	CAD	Chi-X
July 19, 2019	10:39:52	EDT	700	2.08	CAD	Chi-X
July 19, 2019	10:39:52	EDT	1100	2.08	CAD	Pure
July 19, 2019	10:39:52	EDT	100	2.075	CAD	TSX
July 19, 2019	10:46:05	EDT	1000	2.08	CAD	TSX
July 19, 2019	10:46:05	EDT	1000	2.08	CAD	Pure
July 19, 2019	10:46:05	EDT	400	2.08	CAD	TSX
July 19, 2019	10:46:05	EDT	600	2.08	CAD	TSX
July 19, 2019	10:46:05	EDT	900	2.08	CAD	TSX
July 19, 2019	10:46:05	EDT	200	2.08	CAD	TSX
July 19, 2019	10:46:05	EDT	100	2.08	CAD	TSX
July 19, 2019	10:46:05	EDT	600	2.08	CAD	TSX
July 19, 2019	10:49:36	EDT	900	2.07	CAD	TSX
July 19, 2019	10:49:36	EDT	900	2.07	CAD	NEO
July 19, 2019	10:49:36	EDT	100	2.07	CAD	TSX
July 19, 2019	10:49:36	EDT	200	2.07	CAD	NEO
July 19, 2019	10:49:38	EDT	900	2.06	CAD	TSX
July 19, 2019	10:49:39	EDT	800	2.06	CAD	NEO
July 19, 2019	10:49:39	EDT	100	2.06	CAD	TSX
July 19, 2019	10:50:26	EDT	200	2.06	CAD	NEO
July 19, 2019	10:57:06	EDT	100	2.05	CAD	NEO
July 19, 2019	11:05:39	EDT	3400	2.05	CAD	TSX
July 19, 2019	11:05:39	EDT	700	2.05	CAD	TSX
July 19, 2019	11:05:39	EDT	200	2.05	CAD	TSX
July 19, 2019	11:05:39	EDT	1900	2.05	CAD	NEO
July 19, 2019	11:05:39	EDT	800	2.05	CAD	NEO
July 19, 2019	11:05:39	EDT	800	2.05	CAD	NEO
July 19, 2019	11:05:39	EDT	100	2.05	CAD	NEO
July 19, 2019	11:05:39	EDT	600	2.05	CAD	NEO
July 19, 2019	11:05:39	EDT	100	2.05	CAD	NEO
July 19, 2019	11:17:59	EDT	600	2.04	CAD	NEO
July 19, 2019	11:26:15	EDT	300	2.045	CAD	Chi-X
July 19, 2019	11:26:15	EDT	2900	2.05	CAD	Chi-X
July 19, 2019	11:26:15	EDT	100	2.045	CAD	Chi-X
July 19, 2019	11:26:15	EDT	200	2.05	CAD	NEO
July 19, 2019	11:26:15	EDT	1000	2.05	CAD	Chi-X
July 19, 2019	11:26:15	EDT	900	2.05	CAD	Pure
July 19, 2019	11:26:15	EDT	900	2.05	CAD	Chi-X

July 19, 2019	11:26:15	EDT	1500	2.05	CAD	Chi-X
July 19, 2019	11:26:15	EDT	1400	2.05	CAD	NEO
July 19, 2019	11:26:15	EDT	100	2.05	CAD	Chi-X
July 19, 2019	11:26:15	EDT	200	2.05	CAD	Chi-X
July 19, 2019	11:26:15	EDT	600	2.05	CAD	Pure
July 19, 2019	11:27:17	EDT	1400	2.04	CAD	TSX
July 19, 2019	11:27:17	EDT	400	2.04	CAD	TSX
July 19, 2019	11:27:17	EDT	700	2.04	CAD	NEO
July 19, 2019	11:27:17	EDT	300	2.04	CAD	NEO
July 19, 2019	11:27:17	EDT	200	2.04	CAD	NEO
July 19, 2019	11:27:17	EDT	200	2.04	CAD	NEO
July 19, 2019	11:27:17	EDT	400	2.04	CAD	NEO
July 19, 2019	11:40:34	EDT	1400	2.04	CAD	NEO
July 19, 2019	11:40:34	EDT	700	2.04	CAD	Pure
July 19, 2019	11:40:34	EDT	400	2.04	CAD	Pure
July 19, 2019	11:40:34	EDT	1400	2.04	CAD	NEO
July 19, 2019	11:53:00	EDT	400	2.04	CAD	TSX
July 19, 2019	11:53:00	EDT	100	2.035	CAD	TSX
July 19, 2019	11:53:00	EDT	600	2.04	CAD	Chi-X
July 19, 2019	11:53:00	EDT	100	2.04	CAD	Chi-X
July 19, 2019	11:53:00	EDT	1000	2.04	CAD	Chi-X
July 19, 2019	11:53:00	EDT	100	2.04	CAD	Chi-X
July 19, 2019	11:53:00	EDT	1500	2.04	CAD	Chi-X
July 19, 2019	11:53:00	EDT	1500	2.04	CAD	Pure
July 19, 2019	11:55:01	EDT	1200	2.04	CAD	Pure
July 19, 2019	11:58:02	EDT	500	2.04	CAD	TSX
July 19, 2019	11:58:02	EDT	600	2.04	CAD	TSX
July 19, 2019	11:58:02	EDT	100	2.04	CAD	TSX
July 19, 2019	11:59:51	EDT	1500	2.03	CAD	NEO
July 19, 2019	11:59:51	EDT	300	2.03	CAD	NEO
July 19, 2019	11:59:51	EDT	1500	2.03	CAD	TSX
July 19, 2019	12:15:42	EDT	1800	2.04	CAD	TSX
July 19, 2019	12:15:42	EDT	100	2.035	CAD	TSX
July 19, 2019	12:15:42	EDT	100	2.035	CAD	TSX
July 19, 2019	12:15:42	EDT	200	2.04	CAD	TSX
July 19, 2019	12:15:42	EDT	600	2.04	CAD	TSX
July 19, 2019	12:15:42	EDT	200	2.04	CAD	TSX
July 19, 2019	12:15:42	EDT	1000	2.04	CAD	TSX
July 19, 2019	12:25:52	EDT	200	2.04	CAD	Omega
July 19, 2019	12:25:52	EDT	200	2.04	CAD	Omega
July 19, 2019	12:25:52	EDT	200	2.04	CAD	Omega
July 19, 2019	12:25:52	EDT	1700	2.04	CAD	Omega
July 19, 2019	12:30:55	EDT	200	2.04	CAD	Omega
July 19, 2019	12:30:55	EDT	900	2.04	CAD	Omega
July 19, 2019	12:35:00	EDT	200	2.035	CAD	Chi-X
July 19, 2019	12:35:00	EDT	1500	2.04	CAD	Pure
July 19, 2019	12:35:00	EDT	200	2.035	CAD	Chi-X
July 19, 2019	13:00:44	EDT	2000	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	200	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	200	2.04	CAD	Omega

July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	200	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	1200	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	200	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	200	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	200	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	600	2.04	CAD	Omega
July 19, 2019	13:00:44	EDT	100	2.04	CAD	Omega
July 19, 2019	13:25:38	EDT	300	2.035	CAD	TSX
July 19, 2019	13:25:38	EDT	300	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	800	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	300	2.035	CAD	TSX
July 19, 2019	13:25:38	EDT	400	2.04	CAD	Omega
July 19, 2019	13:25:38	EDT	1000	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	300	2.04	CAD	Omega
July 19, 2019	13:25:38	EDT	700	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	Omega
July 19, 2019	13:25:38	EDT	100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	3100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	200	2.04	CAD	TSX
July 19, 2019	13:25:38	EDT	100	2.04	CAD	Omega
July 19, 2019	13:25:38	EDT	100	2.04	CAD	Omega
July 19, 2019	13:30:41	EDT	200	2.035	CAD	Chi-X
July 19, 2019	13:30:41	EDT	1000	2.04	CAD	Pure
July 19, 2019	13:37:46	EDT	700	2.05	CAD	Chi-X
July 19, 2019	13:37:46	EDT	400	2.05	CAD	NEO
July 19, 2019	13:37:46	EDT	600	2.05	CAD	Pure
July 19, 2019	13:41:46	EDT	400	2.05	CAD	Pure
July 19, 2019	13:41:46	EDT	400	2.05	CAD	NEO
July 19, 2019	13:45:48	EDT	400	2.05	CAD	Pure
July 19, 2019	13:45:48	EDT	400	2.05	CAD	NEO

July 19, 2019	13:52:55	EDT	500	2.05	CAD	Omega
July 19, 2019	13:52:55	EDT	100	2.05	CAD	Omega
July 19, 2019	13:52:55	EDT	100	2.05	CAD	Omega
July 19, 2019	13:52:55	EDT	300	2.05	CAD	Omega
July 19, 2019	13:52:55	EDT	400	2.05	CAD	Omega
July 19, 2019	13:52:55	EDT	600	2.05	CAD	Omega
July 19, 2019	13:52:55	EDT	100	2.05	CAD	Omega
July 19, 2019	13:55:56	EDT	400	2.05	CAD	Chi-X
July 19, 2019	13:55:56	EDT	200	2.05	CAD	Chi-X
July 19, 2019	13:55:56	EDT	300	2.05	CAD	NEO
July 19, 2019	13:58:58	EDT	500	2.05	CAD	Chi-X
July 19, 2019	13:58:58	EDT	400	2.05	CAD	NEO
July 19, 2019	14:05:05	EDT	100	2.06	CAD	Chi-X
July 19, 2019	14:05:06	EDT	1000	2.06	CAD	Chi-X
July 19, 2019	14:05:06	EDT	400	2.06	CAD	Pure
July 19, 2019	14:05:06	EDT	600	2.06	CAD	Pure
July 19, 2019	14:15:20	EDT	1500	2.06	CAD	Pure
July 19, 2019	14:15:20	EDT	2000	2.06	CAD	Chi-X
July 19, 2019	14:19:26	EDT	200	2.06	CAD	Chi-X
July 19, 2019	14:19:26	EDT	1500	2.06	CAD	Pure
July 19, 2019	14:28:15	EDT	3200	2.05	CAD	TSX
July 19, 2019	14:28:15	EDT	300	2.05	CAD	TSX
July 19, 2019	14:28:15	EDT	400	2.05	CAD	TSX
July 19, 2019	14:28:15	EDT	100	2.05	CAD	TSX
July 19, 2019	14:28:18	EDT	300	2.05	CAD	TSX
July 19, 2019	14:29:30	EDT	200	2.05	CAD	TSX
July 19, 2019	14:29:31	EDT	100	2.05	CAD	TSX
July 19, 2019	14:29:37	EDT	100	2.05	CAD	TSX
July 19, 2019	14:29:42	EDT	100	2.05	CAD	TSX
July 19, 2019	14:29:47	EDT	100	2.05	CAD	TSX
July 19, 2019	14:40:22	EDT	500	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.055	CAD	TSX
July 19, 2019	14:40:22	EDT	900	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.055	CAD	TSX
July 19, 2019	14:40:22	EDT	1500	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	1000	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	200	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	900	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	300	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	300	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:40:22	EDT	100	2.06	CAD	TSX
July 19, 2019	14:54:48	EDT	700	2.07	CAD	Chi-X
July 19, 2019	14:54:48	EDT	700	2.07	CAD	TSX
July 19, 2019	14:54:48	EDT	1800	2.07	CAD	Chi-X
July 19, 2019	14:54:48	EDT	100	2.07	CAD	Pure
July 19, 2019	14:54:48	EDT	1500	2.07	CAD	Chi-X

July 19, 2019	15:01:00	EDT	400	2.075	CAD	Chi-X
July 19, 2019	15:01:00	EDT	1000	2.08	CAD	Pure
July 19, 2019	15:01:00	EDT	900	2.08	CAD	Chi-X
July 19, 2019	15:01:00	EDT	1500	2.08	CAD	Chi-X
July 19, 2019	15:06:07	EDT	1500	2.08	CAD	Pure
July 19, 2019	15:06:07	EDT	700	2.08	CAD	Chi-X
July 19, 2019	15:06:07	EDT	200	2.075	CAD	Chi-X
July 19, 2019	15:15:24	EDT	300	2.075	CAD	Chi-X
July 19, 2019	15:15:24	EDT	1500	2.08	CAD	Pure
July 19, 2019	15:15:24	EDT	1200	2.08	CAD	Chi-X
July 19, 2019	15:15:24	EDT	900	2.08	CAD	Chi-X
July 19, 2019	15:21:37	EDT	600	2.08	CAD	Chi-X
July 19, 2019	15:21:37	EDT	400	2.08	CAD	Pure
July 19, 2019	15:21:37	EDT	1500	2.08	CAD	Chi-X
July 19, 2019	15:21:37	EDT	200	2.08	CAD	Pure
July 19, 2019	15:21:37	EDT	900	2.08	CAD	Chi-X
July 19, 2019	15:23:32	EDT	100	2.08	CAD	Pure
July 19, 2019	15:23:32	EDT	1600	2.08	CAD	Chi-X
July 19, 2019	15:23:32	EDT	200	2.08	CAD	TSX
July 19, 2019	15:23:32	EDT	1000	2.08	CAD	Chi-X
July 19, 2019	15:23:32	EDT	1500	2.08	CAD	Chi-X
July 19, 2019	15:23:32	EDT	100	2.08	CAD	Pure
July 19, 2019	15:23:32	EDT	25	2.08	CAD	TSX