

GRAN TIERRA ENERGY INC.

Company Announcement – Transaction in Own Shares

April 29, 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 April 22, 2019 to April 26, 2019:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
April 22, 2019	167,525	\$3.29	\$551,902.00
April 23, 2019	167,525	\$3.35	\$560,456.25
April 24, 2019	167,525	\$3.28	\$549,163.75
April 25, 2019	167,525	\$3.29	\$551,875.25
April 26, 2019	167,525	\$3.19	\$534,182.50

Exchange Aggregated Data

	Platform	Apr. 22, 2019	Apr. 23, 2019	Apr. 24, 2019	Apr. 25, 2019	Apr. 26, 2019
Volume	TSX	75,425	79,625	46,125	48,925	83,725
	Pure	6,900	6,200	20,700	0	2,500
	Chi-X	30,700	15,500	35,000	38,500	24,100
	Omega	1,200	1,900	3,100	0	5,100
	TriAct	0	0	0	21,100	0
	NEO	53,300	64,300	62,600	59,000	52,100
Volume weighted average price (CAD)	TSX	\$3.30	\$3.35	\$3.28	\$3.29	\$3.19
	Pure	\$3.31	\$3.35	\$3.28	-	\$3.19
	Chi-X	\$3.29	\$3.36	\$3.28	\$3.30	\$3.18
	Omega	\$3.26	\$3.34	\$3.27	-	\$3.21
	TriAct	-	-	-	\$3.31	-
	NEO	\$3.29	\$3.34	\$3.28	\$3.29	\$3.18

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 380,974,707 issued and outstanding shares.

Contact Information:

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Date	Transaction Time	Time Zone	Volume	Price	Currency	Platform
April 22, 2019	09:32:09	EDT	900	3.24	CAD	NEO
April 22, 2019	09:32:09	EDT	200	3.24	CAD	NEO
April 22, 2019	09:32:09	EDT	1000	3.24	CAD	TSX
April 22, 2019	09:39:14	EDT	900	3.25	CAD	NEO
April 22, 2019	09:40:42	EDT	900	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	200	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	500	3.27	CAD	TSX
April 22, 2019	09:40:42	EDT	500	3.27	CAD	TSX
April 22, 2019	09:40:42	EDT	1000	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	500	3.27	CAD	NEO
April 22, 2019	09:40:42	EDT	500	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	200	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	100	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	100	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	300	3.27	CAD	Pure
April 22, 2019	09:40:42	EDT	400	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	100	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	500	3.27	CAD	Pure
April 22, 2019	09:40:42	EDT	100	3.27	CAD	Chi-X
April 22, 2019	09:40:42	EDT	500	3.27	CAD	NEO
April 22, 2019	09:40:43	EDT	900	3.26	CAD	TSX
April 22, 2019	09:40:43	EDT	900	3.26	CAD	TSX
April 22, 2019	09:40:46	EDT	200	3.26	CAD	NEO
April 22, 2019	09:41:18	EDT	100	3.26	CAD	NEO
April 22, 2019	09:43:48	EDT	700	3.26	CAD	TSX
April 22, 2019	09:43:48	EDT	400	3.26	CAD	TSX
April 22, 2019	09:44:51	EDT	600	3.26	CAD	TSX
April 22, 2019	09:44:51	EDT	600	3.26	CAD	TSX
April 22, 2019	09:45:53	EDT	100	3.26	CAD	TSX
April 22, 2019	09:45:53	EDT	700	3.26	CAD	TSX
April 22, 2019	09:47:35	EDT	400	3.26	CAD	NEO
April 22, 2019	09:49:19	EDT	200	3.26	CAD	NEO
April 22, 2019	09:49:19	EDT	1500	3.26	CAD	TSX
April 22, 2019	09:49:19	EDT	600	3.26	CAD	NEO
April 22, 2019	09:49:19	EDT	1100	3.26	CAD	TSX
April 22, 2019	09:49:19	EDT	1500	3.26	CAD	NEO
April 22, 2019	09:49:19	EDT	400	3.26	CAD	NEO
April 22, 2019	09:53:24	EDT	300	3.24	CAD	NEO
April 22, 2019	10:00:46	EDT	800	3.25	CAD	Chi-X
April 22, 2019	10:00:46	EDT	2500	3.25	CAD	Chi-X
April 22, 2019	10:00:46	EDT	100	3.245	CAD	TSX
April 22, 2019	10:00:46	EDT	300	3.25	CAD	TSX
April 22, 2019	10:00:46	EDT	100	3.25	CAD	Chi-X
April 22, 2019	10:00:46	EDT	700	3.25	CAD	TSX
April 22, 2019	10:00:46	EDT	100	3.25	CAD	NEO
April 22, 2019	10:00:46	EDT	700	3.25	CAD	NEO
April 22, 2019	10:00:46	EDT	100	3.25	CAD	Omega

April 22, 2019	10:00:46	EDT	100	3.25	CAD	Omega
April 22, 2019	10:01:50	EDT	1500	3.25	CAD	TSX
April 22, 2019	10:06:42	EDT	100	3.25	CAD	NEO
April 22, 2019	10:07:11	EDT	400	3.26	CAD	Chi-X
April 22, 2019	10:07:11	EDT	100	3.26	CAD	Chi-X
April 22, 2019	10:07:11	EDT	100	3.26	CAD	Chi-X
April 22, 2019	10:07:11	EDT	600	3.26	CAD	Pure
April 22, 2019	10:07:11	EDT	400	3.26	CAD	Chi-X
April 22, 2019	10:07:11	EDT	800	3.26	CAD	Chi-X
April 22, 2019	10:07:11	EDT	400	3.26	CAD	Pure
April 22, 2019	10:07:11	EDT	700	3.26	CAD	NEO
April 22, 2019	10:07:11	EDT	200	3.26	CAD	NEO
April 22, 2019	10:07:11	EDT	100	3.26	CAD	Omega
April 22, 2019	10:07:11	EDT	700	3.26	CAD	Chi-X
April 22, 2019	10:07:11	EDT	100	3.255	CAD	TSX
April 22, 2019	10:07:11	EDT	600	3.26	CAD	TSX
April 22, 2019	10:07:11	EDT	600	3.26	CAD	TSX
April 22, 2019	10:07:11	EDT	100	3.26	CAD	Chi-X
April 22, 2019	10:09:14	EDT	100	3.26	CAD	Omega
April 22, 2019	10:09:14	EDT	300	3.26	CAD	Omega
April 22, 2019	10:09:14	EDT	400	3.26	CAD	Omega
April 22, 2019	10:12:35	EDT	500	3.25	CAD	NEO
April 22, 2019	10:12:35	EDT	1100	3.25	CAD	NEO
April 22, 2019	10:15:29	EDT	400	3.26	CAD	Chi-X
April 22, 2019	10:15:29	EDT	200	3.26	CAD	Chi-X
April 22, 2019	10:15:29	EDT	500	3.26	CAD	Chi-X
April 22, 2019	10:15:29	EDT	800	3.26	CAD	Chi-X
April 22, 2019	10:15:29	EDT	700	3.26	CAD	NEO
April 22, 2019	10:15:29	EDT	300	3.26	CAD	Chi-X
April 22, 2019	10:15:29	EDT	100	3.26	CAD	Omega
April 22, 2019	10:24:50	EDT	500	3.25	CAD	NEO
April 22, 2019	10:27:01	EDT	100	3.26	CAD	Chi-X
April 22, 2019	10:27:01	EDT	500	3.26	CAD	TSX
April 22, 2019	10:27:01	EDT	500	3.26	CAD	TSX
April 22, 2019	10:30:17	EDT	800	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	100	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	700	3.28	CAD	NEO
April 22, 2019	10:30:17	EDT	500	3.28	CAD	TSX
April 22, 2019	10:30:17	EDT	200	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	100	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	600	3.28	CAD	TSX
April 22, 2019	10:30:17	EDT	700	3.28	CAD	TSX
April 22, 2019	10:30:17	EDT	100	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	200	3.28	CAD	Pure
April 22, 2019	10:30:17	EDT	200	3.28	CAD	TSX
April 22, 2019	10:30:17	EDT	1100	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	300	3.28	CAD	TSX
April 22, 2019	10:30:17	EDT	300	3.28	CAD	Chi-X
April 22, 2019	10:30:17	EDT	800	3.28	CAD	TSX
April 22, 2019	10:30:17	EDT	300	3.28	CAD	Chi-X

April 22, 2019	10:30:47	EDT	100	3.28	CAD	NEO
April 22, 2019	10:30:51	EDT	1800	3.28	CAD	TSX
April 22, 2019	10:30:51	EDT	1600	3.28	CAD	NEO
April 22, 2019	10:30:51	EDT	100	3.28	CAD	NEO
April 22, 2019	10:35:12	EDT	300	3.26	CAD	NEO
April 22, 2019	10:35:12	EDT	100	3.26	CAD	NEO
April 22, 2019	10:35:12	EDT	500	3.26	CAD	NEO
April 22, 2019	10:35:12	EDT	200	3.26	CAD	TSX
April 22, 2019	10:35:12	EDT	500	3.26	CAD	TSX
April 22, 2019	10:35:12	EDT	300	3.26	CAD	TSX
April 22, 2019	10:35:12	EDT	200	3.26	CAD	NEO
April 22, 2019	10:37:03	EDT	500	3.25	CAD	NEO
April 22, 2019	10:37:03	EDT	100	3.25	CAD	TSX
April 22, 2019	10:37:03	EDT	400	3.25	CAD	TSX
April 22, 2019	10:37:03	EDT	100	3.25	CAD	TSX
April 22, 2019	10:37:03	EDT	500	3.25	CAD	TSX
April 22, 2019	10:37:03	EDT	300	3.25	CAD	NEO
April 22, 2019	10:37:03	EDT	300	3.25	CAD	NEO
April 22, 2019	10:40:12	EDT	200	3.25	CAD	TSX
April 22, 2019	10:40:12	EDT	800	3.25	CAD	TSX
April 22, 2019	10:40:12	EDT	100	3.25	CAD	NEO
April 22, 2019	10:40:12	EDT	400	3.25	CAD	NEO
April 22, 2019	10:40:12	EDT	300	3.25	CAD	NEO
April 22, 2019	10:40:12	EDT	200	3.25	CAD	NEO
April 22, 2019	10:45:52	EDT	100	3.24	CAD	NEO
April 22, 2019	10:54:54	EDT	100	3.26	CAD	TSX
April 22, 2019	10:54:54	EDT	400	3.26	CAD	TSX
April 22, 2019	10:54:54	EDT	100	3.26	CAD	TSX
April 22, 2019	10:54:54	EDT	2600	3.26	CAD	TSX
April 22, 2019	10:54:54	EDT	100	3.26	CAD	TSX
April 22, 2019	10:54:54	EDT	1600	3.26	CAD	TSX
April 22, 2019	10:54:54	EDT	500	3.26	CAD	NEO
April 22, 2019	10:54:54	EDT	1500	3.26	CAD	NEO
April 22, 2019	10:54:54	EDT	700	3.26	CAD	NEO
April 22, 2019	10:54:54	EDT	700	3.26	CAD	NEO
April 22, 2019	10:54:54	EDT	700	3.26	CAD	NEO
April 22, 2019	10:54:54	EDT	900	3.26	CAD	NEO
April 22, 2019	11:01:47	EDT	200	3.26	CAD	NEO
April 22, 2019	11:01:47	EDT	2100	3.26	CAD	TSX
April 22, 2019	11:01:47	EDT	300	3.26	CAD	TSX
April 22, 2019	11:01:47	EDT	100	3.26	CAD	TSX
April 22, 2019	11:01:47	EDT	400	3.26	CAD	NEO
April 22, 2019	11:01:48	EDT	1600	3.26	CAD	NEO
April 22, 2019	11:01:48	EDT	400	3.26	CAD	NEO
April 22, 2019	11:08:05	EDT	800	3.27	CAD	TSX
April 22, 2019	11:08:05	EDT	200	3.27	CAD	TSX
April 22, 2019	11:08:05	EDT	700	3.27	CAD	TSX
April 22, 2019	11:08:05	EDT	1700	3.27	CAD	NEO
April 22, 2019	11:08:05	EDT	1000	3.27	CAD	TSX
April 22, 2019	11:08:05	EDT	200	3.27	CAD	NEO

April 22, 2019	11:08:05	EDT	100	3.27	CAD	NEO
April 22, 2019	11:08:05	EDT	100	3.27	CAD	NEO
April 22, 2019	11:08:05	EDT	500	3.27	CAD	NEO
April 22, 2019	11:08:05	EDT	100	3.27	CAD	NEO
April 22, 2019	11:15:05	EDT	700	3.28	CAD	TSX
April 22, 2019	11:15:05	EDT	100	3.28	CAD	TSX
April 22, 2019	11:15:05	EDT	200	3.28	CAD	TSX
April 22, 2019	11:15:05	EDT	200	3.28	CAD	NEO
April 22, 2019	11:15:05	EDT	600	3.28	CAD	NEO
April 22, 2019	11:15:05	EDT	200	3.28	CAD	NEO
April 22, 2019	11:15:05	EDT	100	3.28	CAD	NEO
April 22, 2019	11:24:17	EDT	2300	3.29	CAD	Chi-X
April 22, 2019	11:24:17	EDT	600	3.29	CAD	Chi-X
April 22, 2019	11:31:24	EDT	2200	3.3	CAD	TSX
April 22, 2019	11:33:26	EDT	800	3.3	CAD	TSX
April 22, 2019	11:33:26	EDT	100	3.3	CAD	TSX
April 22, 2019	11:35:28	EDT	100	3.295	CAD	TSX
April 22, 2019	11:35:28	EDT	200	3.3	CAD	TSX
April 22, 2019	11:35:28	EDT	400	3.3	CAD	TSX
April 22, 2019	11:35:28	EDT	300	3.3	CAD	TSX
April 22, 2019	11:38:31	EDT	200	3.31	CAD	NEO
April 22, 2019	11:38:31	EDT	300	3.31	CAD	Pure
April 22, 2019	11:38:31	EDT	400	3.31	CAD	Chi-X
April 22, 2019	11:38:31	EDT	600	3.31	CAD	Pure
April 22, 2019	11:41:32	EDT	600	3.31	CAD	TSX
April 22, 2019	11:41:32	EDT	1500	3.31	CAD	NEO
April 22, 2019	11:41:32	EDT	200	3.31	CAD	TSX
April 22, 2019	11:41:32	EDT	100	3.31	CAD	TSX
April 22, 2019	11:41:32	EDT	900	3.31	CAD	TSX
April 22, 2019	11:41:32	EDT	300	3.31	CAD	NEO
April 22, 2019	12:04:32	EDT	800	3.32	CAD	Chi-X
April 22, 2019	12:04:32	EDT	800	3.32	CAD	Chi-X
April 22, 2019	12:04:32	EDT	600	3.32	CAD	TSX
April 22, 2019	12:04:32	EDT	700	3.32	CAD	TSX
April 22, 2019	12:04:32	EDT	1000	3.32	CAD	TSX
April 22, 2019	12:04:32	EDT	2100	3.32	CAD	TSX
April 22, 2019	12:07:27	EDT	400	3.32	CAD	TSX
April 22, 2019	12:07:27	EDT	1500	3.32	CAD	TSX
April 22, 2019	12:07:27	EDT	700	3.32	CAD	TSX
April 22, 2019	12:07:28	EDT	1300	3.32	CAD	NEO
April 22, 2019	12:07:28	EDT	600	3.32	CAD	NEO
April 22, 2019	12:07:28	EDT	700	3.32	CAD	NEO
April 22, 2019	12:31:30	EDT	500	3.33	CAD	TSX
April 22, 2019	12:31:30	EDT	700	3.33	CAD	TSX
April 22, 2019	12:31:30	EDT	1100	3.33	CAD	TSX
April 22, 2019	12:31:30	EDT	600	3.33	CAD	TSX
April 22, 2019	12:31:30	EDT	400	3.33	CAD	TSX
April 22, 2019	12:31:30	EDT	1800	3.33	CAD	TSX
April 22, 2019	12:41:41	EDT	1000	3.34	CAD	Chi-X
April 22, 2019	12:41:41	EDT	300	3.34	CAD	Pure

April 22, 2019	12:41:42	EDT	2500	3.34	CAD	Chi-X
April 22, 2019	12:41:42	EDT	200	3.34	CAD	Pure
April 22, 2019	12:45:46	EDT	1100	3.34	CAD	NEO
April 22, 2019	12:45:46	EDT	100	3.34	CAD	Pure
April 22, 2019	12:45:46	EDT	100	3.34	CAD	Pure
April 22, 2019	12:48:25	EDT	700	3.33	CAD	NEO
April 22, 2019	12:50:31	EDT	100	3.33	CAD	NEO
April 22, 2019	12:52:03	EDT	400	3.33	CAD	NEO
April 22, 2019	12:52:03	EDT	2100	3.33	CAD	TSX
April 22, 2019	12:52:03	EDT	2200	3.33	CAD	NEO
April 22, 2019	12:59:19	EDT	800	3.33	CAD	NEO
April 22, 2019	12:59:29	EDT	100	3.33	CAD	NEO
April 22, 2019	12:59:47	EDT	100	3.33	CAD	NEO
April 22, 2019	13:08:17	EDT	1700	3.33	CAD	NEO
April 22, 2019	13:08:41	EDT	100	3.33	CAD	NEO
April 22, 2019	13:20:06	EDT	2200	3.33	CAD	NEO
April 22, 2019	13:21:20	EDT	100	3.33	CAD	NEO
April 22, 2019	13:22:52	EDT	400	3.34	CAD	TSX
April 22, 2019	13:22:52	EDT	600	3.34	CAD	TSX
April 22, 2019	13:22:52	EDT	600	3.34	CAD	TSX
April 22, 2019	13:28:27	EDT	100	3.33	CAD	NEO
April 22, 2019	13:28:57	EDT	400	3.34	CAD	TSX
April 22, 2019	13:28:57	EDT	1000	3.34	CAD	TSX
April 22, 2019	13:35:05	EDT	100	3.335	CAD	TSX
April 22, 2019	13:35:05	EDT	1300	3.34	CAD	TSX
April 22, 2019	13:35:05	EDT	600	3.34	CAD	TSX
April 22, 2019	13:35:05	EDT	300	3.34	CAD	TSX
April 22, 2019	13:55:21	EDT	700	3.33	CAD	TSX
April 22, 2019	13:55:21	EDT	900	3.33	CAD	TSX
April 22, 2019	13:55:21	EDT	700	3.33	CAD	TSX
April 22, 2019	13:55:21	EDT	400	3.33	CAD	TSX
April 22, 2019	13:55:21	EDT	1200	3.33	CAD	TSX
April 22, 2019	13:55:21	EDT	600	3.33	CAD	TSX
April 22, 2019	13:55:21	EDT	2300	3.33	CAD	NEO
April 22, 2019	13:55:21	EDT	700	3.33	CAD	NEO
April 22, 2019	13:55:21	EDT	700	3.33	CAD	NEO
April 22, 2019	13:55:21	EDT	300	3.33	CAD	NEO
April 22, 2019	13:55:21	EDT	600	3.33	CAD	NEO
April 22, 2019	14:11:52	EDT	1200	3.32	CAD	NEO
April 22, 2019	14:20:00	EDT	100	3.32	CAD	NEO
April 22, 2019	14:23:07	EDT	800	3.33	CAD	Pure
April 22, 2019	14:23:07	EDT	500	3.33	CAD	Pure
April 22, 2019	14:23:07	EDT	1500	3.33	CAD	Pure
April 22, 2019	14:23:07	EDT	500	3.33	CAD	Pure
April 22, 2019	14:33:24	EDT	300	3.33	CAD	TSX
April 22, 2019	14:33:24	EDT	1000	3.33	CAD	Chi-X
April 22, 2019	14:33:24	EDT	1000	3.33	CAD	Chi-X
April 22, 2019	14:33:24	EDT	800	3.33	CAD	Chi-X
April 22, 2019	14:33:24	EDT	800	3.33	CAD	Chi-X
April 22, 2019	14:34:33	EDT	300	3.33	CAD	TSX

April 22, 2019	14:34:33	EDT	1400	3.33	CAD	NEO
April 22, 2019	14:34:33	EDT	300	3.33	CAD	NEO
April 22, 2019	14:34:33	EDT	1400	3.33	CAD	TSX
April 22, 2019	14:34:33	EDT	100	3.33	CAD	NEO
April 22, 2019	14:40:09	EDT	900	3.32	CAD	NEO
April 22, 2019	14:40:09	EDT	1000	3.32	CAD	TSX
April 22, 2019	14:40:09	EDT	100	3.32	CAD	NEO
April 22, 2019	14:53:20	EDT	200	3.32	CAD	TSX
April 22, 2019	14:53:20	EDT	800	3.32	CAD	Chi-X
April 22, 2019	14:56:23	EDT	300	3.32	CAD	TSX
April 22, 2019	14:56:23	EDT	700	3.32	CAD	Chi-X
April 22, 2019	14:56:33	EDT	1700	3.32	CAD	TSX
April 22, 2019	14:56:33	EDT	100	3.32	CAD	TSX
April 22, 2019	14:56:33	EDT	300	3.32	CAD	NEO
April 22, 2019	14:56:43	EDT	1400	3.32	CAD	NEO
April 22, 2019	14:56:43	EDT	100	3.32	CAD	NEO
April 22, 2019	15:10:02	EDT	300	3.32	CAD	TSX
April 22, 2019	15:10:03	EDT	600	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	800	3.32	CAD	Chi-X
April 22, 2019	15:11:32	EDT	1500	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	500	3.32	CAD	Chi-X
April 22, 2019	15:11:32	EDT	800	3.32	CAD	Chi-X
April 22, 2019	15:11:32	EDT	300	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	200	3.32	CAD	Chi-X
April 22, 2019	15:11:32	EDT	700	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	600	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	1000	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	1200	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	100	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	400	3.32	CAD	TSX
April 22, 2019	15:11:32	EDT	25	3.32	CAD	TSX
April 23, 2019	09:35:11	EDT	900	3.35	CAD	NEO
April 23, 2019	09:35:11	EDT	400	3.35	CAD	Chi-X
April 23, 2019	09:35:11	EDT	800	3.35	CAD	Chi-X
April 23, 2019	09:35:11	EDT	400	3.35	CAD	Chi-X
April 23, 2019	09:35:11	EDT	100	3.35	CAD	NEO
April 23, 2019	09:35:27	EDT	1400	3.34	CAD	NEO
April 23, 2019	09:39:30	EDT	1000	3.35	CAD	TSX
April 23, 2019	09:39:30	EDT	100	3.35	CAD	TSX
April 23, 2019	09:39:30	EDT	300	3.35	CAD	TSX
April 23, 2019	09:40:01	EDT	1700	3.35	CAD	TSX
April 23, 2019	09:40:01	EDT	300	3.35	CAD	TSX
April 23, 2019	09:40:01	EDT	300	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	1200	3.35	CAD	NEO
April 23, 2019	09:41:15	EDT	700	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	300	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	600	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	1600	3.35	CAD	NEO
April 23, 2019	09:41:15	EDT	300	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	100	3.35	CAD	TSX

April 23, 2019	09:41:15	EDT	100	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	100	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	500	3.35	CAD	TSX
April 23, 2019	09:41:15	EDT	100	3.35	CAD	TSX
April 23, 2019	09:43:01	EDT	600	3.34	CAD	NEO
April 23, 2019	09:46:18	EDT	700	3.35	CAD	Chi-X
April 23, 2019	09:46:18	EDT	700	3.35	CAD	NEO
April 23, 2019	09:50:28	EDT	400	3.37	CAD	TSX
April 23, 2019	09:50:28	EDT	600	3.37	CAD	TSX
April 23, 2019	09:50:28	EDT	1000	3.37	CAD	TSX
April 23, 2019	09:50:35	EDT	1400	3.37	CAD	TSX
April 23, 2019	09:50:35	EDT	500	3.37	CAD	NEO
April 23, 2019	09:50:35	EDT	600	3.37	CAD	TSX
April 23, 2019	09:50:35	EDT	300	3.37	CAD	TSX
April 23, 2019	09:50:35	EDT	1800	3.37	CAD	NEO
April 23, 2019	09:50:35	EDT	100	3.37	CAD	NEO
April 23, 2019	09:53:00	EDT	1000	3.35	CAD	TSX
April 23, 2019	09:53:00	EDT	400	3.35	CAD	NEO
April 23, 2019	09:53:00	EDT	300	3.35	CAD	NEO
April 23, 2019	09:53:00	EDT	300	3.35	CAD	NEO
April 23, 2019	09:58:23	EDT	300	3.34	CAD	TSX
April 23, 2019	09:58:23	EDT	200	3.34	CAD	TSX
April 23, 2019	09:58:23	EDT	100	3.34	CAD	NEO
April 23, 2019	09:58:23	EDT	200	3.34	CAD	TSX
April 23, 2019	09:58:23	EDT	200	3.34	CAD	TSX
April 23, 2019	09:58:24	EDT	100	3.34	CAD	TSX
April 23, 2019	09:58:24	EDT	800	3.34	CAD	NEO
April 23, 2019	09:58:24	EDT	200	3.34	CAD	NEO
April 23, 2019	09:59:53	EDT	100	3.33	CAD	NEO
April 23, 2019	10:02:48	EDT	100	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	100	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	1700	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	100	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	100	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	100	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	500	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	200	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	100	3.33	CAD	TSX
April 23, 2019	10:02:48	EDT	600	3.33	CAD	NEO
April 23, 2019	10:02:48	EDT	600	3.33	CAD	NEO
April 23, 2019	10:02:48	EDT	300	3.33	CAD	NEO
April 23, 2019	10:02:48	EDT	400	3.33	CAD	NEO
April 23, 2019	10:02:48	EDT	300	3.33	CAD	NEO
April 23, 2019	10:02:48	EDT	800	3.33	CAD	NEO
April 23, 2019	10:05:45	EDT	200	3.33	CAD	NEO
April 23, 2019	10:05:45	EDT	100	3.33	CAD	NEO
April 23, 2019	10:05:45	EDT	200	3.33	CAD	TSX
April 23, 2019	10:05:45	EDT	800	3.33	CAD	TSX
April 23, 2019	10:05:45	EDT	200	3.33	CAD	NEO
April 23, 2019	10:05:45	EDT	400	3.33	CAD	NEO

April 23, 2019	10:05:45	EDT	100	3.33	CAD	NEO
April 23, 2019	10:09:05	EDT	800	3.32	CAD	TSX
April 23, 2019	10:09:05	EDT	900	3.32	CAD	NEO
April 23, 2019	10:09:05	EDT	200	3.32	CAD	TSX
April 23, 2019	10:09:06	EDT	200	3.32	CAD	NEO
April 23, 2019	10:10:56	EDT	900	3.32	CAD	NEO
April 23, 2019	10:10:56	EDT	200	3.32	CAD	TSX
April 23, 2019	10:10:56	EDT	200	3.32	CAD	NEO
April 23, 2019	10:10:56	EDT	800	3.32	CAD	TSX
April 23, 2019	10:13:59	EDT	200	3.32	CAD	NEO
April 23, 2019	10:13:59	EDT	300	3.32	CAD	TSX
April 23, 2019	10:13:59	EDT	800	3.32	CAD	NEO
April 23, 2019	10:13:59	EDT	200	3.32	CAD	TSX
April 23, 2019	10:13:59	EDT	500	3.32	CAD	TSX
April 23, 2019	10:19:05	EDT	100	3.31	CAD	TSX
April 23, 2019	10:19:05	EDT	900	3.31	CAD	TSX
April 23, 2019	10:19:05	EDT	100	3.31	CAD	NEO
April 23, 2019	10:19:05	EDT	1000	3.31	CAD	NEO
April 23, 2019	10:23:49	EDT	200	3.32	CAD	NEO
April 23, 2019	10:25:47	EDT	1400	3.33	CAD	NEO
April 23, 2019	10:25:47	EDT	400	3.33	CAD	NEO
April 23, 2019	10:26:04	EDT	100	3.33	CAD	NEO
April 23, 2019	10:26:04	EDT	200	3.33	CAD	TSX
April 23, 2019	10:26:04	EDT	200	3.33	CAD	NEO
April 23, 2019	10:26:04	EDT	600	3.33	CAD	NEO
April 23, 2019	10:26:24	EDT	100	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	500	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	100	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	100	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	300	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	100	3.33	CAD	NEO
April 23, 2019	10:26:24	EDT	200	3.33	CAD	NEO
April 23, 2019	10:26:24	EDT	100	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	100	3.33	CAD	NEO
April 23, 2019	10:26:24	EDT	400	3.33	CAD	NEO
April 23, 2019	10:26:24	EDT	300	3.33	CAD	NEO
April 23, 2019	10:26:24	EDT	300	3.33	CAD	TSX
April 23, 2019	10:26:24	EDT	300	3.33	CAD	NEO
April 23, 2019	10:26:25	EDT	100	3.33	CAD	NEO
April 23, 2019	10:32:09	EDT	800	3.33	CAD	Chi-X
April 23, 2019	10:35:14	EDT	700	3.33	CAD	NEO
April 23, 2019	10:35:14	EDT	400	3.33	CAD	Chi-X
April 23, 2019	10:35:14	EDT	400	3.33	CAD	Pure
April 23, 2019	10:35:14	EDT	600	3.33	CAD	Pure
April 23, 2019	10:35:14	EDT	300	3.33	CAD	Chi-X
April 23, 2019	10:35:14	EDT	100	3.33	CAD	Omega
April 23, 2019	10:37:19	EDT	400	3.35	CAD	TSX
April 23, 2019	10:37:19	EDT	1000	3.35	CAD	NEO
April 23, 2019	10:37:19	EDT	100	3.35	CAD	NEO
April 23, 2019	10:39:20	EDT	300	3.35	CAD	NEO

April 23, 2019	10:39:20	EDT	400	3.35	CAD	NEO
April 23, 2019	10:39:20	EDT	700	3.35	CAD	NEO
April 23, 2019	10:42:24	EDT	500	3.36	CAD	Chi-X
April 23, 2019	10:42:24	EDT	100	3.36	CAD	Omega
April 23, 2019	10:42:24	EDT	700	3.36	CAD	NEO
April 23, 2019	10:44:58	EDT	1200	3.35	CAD	TSX
April 23, 2019	10:49:55	EDT	100	3.35	CAD	NEO
April 23, 2019	10:51:09	EDT	300	3.35	CAD	NEO
April 23, 2019	10:56:15	EDT	500	3.37	CAD	TSX
April 23, 2019	10:56:15	EDT	1000	3.37	CAD	Chi-X
April 23, 2019	10:56:15	EDT	300	3.37	CAD	TSX
April 23, 2019	10:56:16	EDT	2900	3.37	CAD	Chi-X
April 23, 2019	10:56:16	EDT	800	3.37	CAD	Chi-X
April 23, 2019	10:56:16	EDT	800	3.37	CAD	Chi-X
April 23, 2019	10:56:16	EDT	1000	3.37	CAD	Chi-X
April 23, 2019	10:56:16	EDT	500	3.37	CAD	TSX
April 23, 2019	10:56:16	EDT	1600	3.37	CAD	TSX
April 23, 2019	10:56:16	EDT	400	3.37	CAD	TSX
April 23, 2019	11:01:17	EDT	800	3.38	CAD	Chi-X
April 23, 2019	11:01:17	EDT	100	3.38	CAD	Chi-X
April 23, 2019	11:01:17	EDT	100	3.38	CAD	NEO
April 23, 2019	11:01:17	EDT	100	3.38	CAD	NEO
April 23, 2019	11:01:17	EDT	200	3.38	CAD	NEO
April 23, 2019	11:01:17	EDT	100	3.38	CAD	Chi-X
April 23, 2019	11:04:34	EDT	300	3.37	CAD	TSX
April 23, 2019	11:04:34	EDT	200	3.37	CAD	TSX
April 23, 2019	11:04:34	EDT	1600	3.37	CAD	TSX
April 23, 2019	11:04:34	EDT	500	3.37	CAD	TSX
April 23, 2019	11:04:34	EDT	400	3.37	CAD	TSX
April 23, 2019	11:04:34	EDT	2600	3.37	CAD	NEO
April 23, 2019	11:04:34	EDT	500	3.37	CAD	NEO
April 23, 2019	11:09:18	EDT	600	3.37	CAD	NEO
April 23, 2019	11:09:18	EDT	200	3.37	CAD	Omega
April 23, 2019	11:11:20	EDT	600	3.37	CAD	Chi-X
April 23, 2019	11:11:20	EDT	300	3.37	CAD	Chi-X
April 23, 2019	11:12:30	EDT	900	3.37	CAD	TSX
April 23, 2019	11:12:30	EDT	100	3.37	CAD	TSX
April 23, 2019	11:12:30	EDT	600	3.37	CAD	TSX
April 23, 2019	11:12:30	EDT	200	3.37	CAD	TSX
April 23, 2019	11:12:30	EDT	100	3.37	CAD	NEO
April 23, 2019	11:12:30	EDT	300	3.37	CAD	NEO
April 23, 2019	11:12:30	EDT	1000	3.37	CAD	NEO
April 23, 2019	11:12:30	EDT	400	3.37	CAD	NEO
April 23, 2019	11:20:36	EDT	400	3.37	CAD	TSX
April 23, 2019	11:20:36	EDT	600	3.37	CAD	TSX
April 23, 2019	11:20:36	EDT	1000	3.37	CAD	TSX
April 23, 2019	11:27:42	EDT	800	3.37	CAD	Chi-X
April 23, 2019	11:27:42	EDT	700	3.37	CAD	TSX
April 23, 2019	11:27:42	EDT	600	3.37	CAD	Chi-X
April 23, 2019	11:30:00	EDT	100	3.36	CAD	NEO

April 23, 2019	11:30:37	EDT	600	3.36	CAD	TSX
April 23, 2019	11:30:37	EDT	900	3.36	CAD	NEO
April 23, 2019	11:30:37	EDT	1200	3.36	CAD	TSX
April 23, 2019	11:30:37	EDT	100	3.36	CAD	NEO
April 23, 2019	11:30:37	EDT	500	3.36	CAD	NEO
April 23, 2019	11:30:37	EDT	100	3.36	CAD	NEO
April 23, 2019	11:30:37	EDT	100	3.36	CAD	NEO
April 23, 2019	11:37:39	EDT	100	3.33	CAD	NEO
April 23, 2019	11:37:39	EDT	100	3.33	CAD	NEO
April 23, 2019	11:37:39	EDT	800	3.33	CAD	NEO
April 23, 2019	11:37:39	EDT	600	3.33	CAD	TSX
April 23, 2019	11:37:39	EDT	400	3.33	CAD	TSX
April 23, 2019	11:47:43	EDT	700	3.36	CAD	NEO
April 23, 2019	11:47:43	EDT	500	3.36	CAD	Pure
April 23, 2019	11:49:44	EDT	100	3.36	CAD	NEO
April 23, 2019	11:49:44	EDT	600	3.36	CAD	Pure
April 23, 2019	11:49:44	EDT	300	3.36	CAD	Pure
April 23, 2019	11:52:46	EDT	300	3.36	CAD	NEO
April 23, 2019	11:52:46	EDT	800	3.36	CAD	Pure
April 23, 2019	11:56:52	EDT	400	3.36	CAD	TSX
April 23, 2019	11:56:52	EDT	700	3.36	CAD	TSX
April 23, 2019	11:56:52	EDT	600	3.36	CAD	TSX
April 23, 2019	11:56:52	EDT	900	3.36	CAD	TSX
April 23, 2019	12:12:27	EDT	100	3.35	CAD	NEO
April 23, 2019	12:18:26	EDT	100	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	700	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	100	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	700	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	500	3.35	CAD	TSX
April 23, 2019	12:18:32	EDT	4800	3.35	CAD	TSX
April 23, 2019	12:18:32	EDT	2200	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	100	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	1000	3.35	CAD	NEO
April 23, 2019	12:18:32	EDT	500	3.35	CAD	NEO
April 23, 2019	12:30:14	EDT	400	3.34	CAD	NEO
April 23, 2019	12:30:14	EDT	400	3.34	CAD	Omega
April 23, 2019	12:30:14	EDT	500	3.34	CAD	NEO
April 23, 2019	12:30:14	EDT	300	3.34	CAD	Omega
April 23, 2019	12:38:24	EDT	400	3.34	CAD	NEO
April 23, 2019	12:38:24	EDT	500	3.34	CAD	NEO
April 23, 2019	12:38:24	EDT	300	3.34	CAD	Omega
April 23, 2019	12:38:24	EDT	400	3.34	CAD	Omega
April 23, 2019	12:38:24	EDT	1300	3.34	CAD	NEO
April 23, 2019	12:38:54	EDT	1700	3.33	CAD	NEO
April 23, 2019	12:38:54	EDT	100	3.33	CAD	TSX
April 23, 2019	12:38:54	EDT	100	3.33	CAD	NEO
April 23, 2019	12:49:33	EDT	700	3.34	CAD	TSX
April 23, 2019	12:49:33	EDT	600	3.34	CAD	TSX
April 23, 2019	12:49:33	EDT	600	3.34	CAD	TSX
April 23, 2019	12:49:33	EDT	400	3.34	CAD	TSX

April 23, 2019	12:49:33	EDT	100	3.34	CAD	TSX
April 23, 2019	12:52:34	EDT	200	3.34	CAD	Pure
April 23, 2019	12:52:34	EDT	100	3.34	CAD	NEO
April 23, 2019	12:52:34	EDT	100	3.33	CAD	NEO
April 23, 2019	12:52:34	EDT	400	3.34	CAD	Pure
April 23, 2019	12:52:34	EDT	300	3.34	CAD	Chi-X
April 23, 2019	13:15:50	EDT	100	3.33	CAD	NEO
April 23, 2019	13:17:35	EDT	100	3.33	CAD	NEO
April 23, 2019	13:17:57	EDT	100	3.33	CAD	NEO
April 23, 2019	13:18:08	EDT	100	3.33	CAD	NEO
April 23, 2019	13:18:08	EDT	100	3.33	CAD	NEO
April 23, 2019	13:18:45	EDT	100	3.33	CAD	NEO
April 23, 2019	13:19:22	EDT	500	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	900	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	1100	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	600	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	700	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	300	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	900	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	1000	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	800	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	300	3.34	CAD	TSX
April 23, 2019	13:19:22	EDT	100	3.33	CAD	NEO
April 23, 2019	13:23:15	EDT	600	3.33	CAD	NEO
April 23, 2019	13:46:14	EDT	600	3.34	CAD	TSX
April 23, 2019	13:46:14	EDT	100	3.34	CAD	Chi-X
April 23, 2019	13:46:14	EDT	800	3.34	CAD	Chi-X
April 23, 2019	13:46:14	EDT	2300	3.34	CAD	TSX
April 23, 2019	13:46:14	EDT	700	3.34	CAD	TSX
April 23, 2019	13:46:14	EDT	2200	3.34	CAD	TSX
April 23, 2019	13:46:14	EDT	200	3.34	CAD	TSX
April 23, 2019	13:46:14	EDT	1000	3.34	CAD	TSX
April 23, 2019	14:03:37	EDT	1000	3.34	CAD	Pure
April 23, 2019	14:03:37	EDT	100	3.34	CAD	NEO
April 23, 2019	14:03:37	EDT	900	3.34	CAD	Pure
April 23, 2019	14:03:37	EDT	2200	3.34	CAD	NEO
April 23, 2019	14:03:37	EDT	500	3.34	CAD	Pure
April 23, 2019	14:03:56	EDT	300	3.33	CAD	TSX
April 23, 2019	14:03:56	EDT	500	3.33	CAD	TSX
April 23, 2019	14:03:56	EDT	100	3.33	CAD	TSX
April 23, 2019	14:03:56	EDT	700	3.33	CAD	TSX
April 23, 2019	14:03:56	EDT	200	3.33	CAD	TSX
April 23, 2019	14:08:42	EDT	1000	3.33	CAD	NEO
April 23, 2019	14:08:42	EDT	300	3.33	CAD	NEO
April 23, 2019	14:21:29	EDT	200	3.33	CAD	TSX
April 23, 2019	14:21:29	EDT	1000	3.33	CAD	TSX
April 23, 2019	14:21:29	EDT	100	3.33	CAD	NEO
April 23, 2019	14:21:29	EDT	1100	3.33	CAD	TSX
April 23, 2019	14:21:29	EDT	400	3.33	CAD	TSX
April 23, 2019	14:21:29	EDT	100	3.33	CAD	NEO

April 23, 2019	14:21:29	EDT	1400	3.33	CAD	NEO
April 23, 2019	14:21:29	EDT	400	3.33	CAD	NEO
April 23, 2019	14:21:29	EDT	100	3.33	CAD	NEO
April 23, 2019	14:21:29	EDT	300	3.33	CAD	NEO
April 23, 2019	14:21:29	EDT	300	3.33	CAD	NEO
April 23, 2019	14:31:30	EDT	200	3.34	CAD	Chi-X
April 23, 2019	14:31:30	EDT	100	3.34	CAD	Omega
April 23, 2019	14:31:30	EDT	700	3.34	CAD	NEO
April 23, 2019	14:35:25	EDT	1500	3.34	CAD	TSX
April 23, 2019	14:35:25	EDT	300	3.34	CAD	NEO
April 23, 2019	14:35:25	EDT	200	3.34	CAD	TSX
April 23, 2019	14:35:25	EDT	1500	3.34	CAD	NEO
April 23, 2019	14:59:13	EDT	500	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	600	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	1000	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	600	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	1700	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	100	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	100	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	100	3.34	CAD	TSX
April 23, 2019	14:59:13	EDT	900	3.34	CAD	TSX
April 23, 2019	15:05:30	EDT	5600	3.33	CAD	TSX
April 23, 2019	15:05:30	EDT	5700	3.33	CAD	NEO
April 23, 2019	15:05:30	EDT	25	3.33	CAD	TSX
April 24, 2019	09:31:38	EDT	100	3.31	CAD	Pure
April 24, 2019	09:36:18	EDT	1000	3.31	CAD	Chi-X
April 24, 2019	09:36:18	EDT	1000	3.31	CAD	Chi-X
April 24, 2019	09:36:18	EDT	1000	3.31	CAD	TSX
April 24, 2019	09:36:18	EDT	200	3.31	CAD	TSX
April 24, 2019	09:36:18	EDT	100	3.31	CAD	TSX
April 24, 2019	09:36:18	EDT	700	3.31	CAD	TSX
April 24, 2019	09:36:18	EDT	200	3.31	CAD	NEO
April 24, 2019	09:36:18	EDT	100	3.31	CAD	NEO
April 24, 2019	09:36:18	EDT	100	3.31	CAD	Chi-X
April 24, 2019	09:36:18	EDT	200	3.31	CAD	Pure
April 24, 2019	09:36:18	EDT	100	3.31	CAD	Pure
April 24, 2019	09:36:26	EDT	1400	3.3	CAD	TSX
April 24, 2019	09:36:26	EDT	1400	3.3	CAD	NEO
April 24, 2019	09:36:26	EDT	400	3.3	CAD	TSX
April 24, 2019	09:38:41	EDT	900	3.3	CAD	TSX
April 24, 2019	09:38:41	EDT	200	3.3	CAD	NEO
April 24, 2019	09:38:41	EDT	900	3.3	CAD	NEO
April 24, 2019	09:38:41	EDT	100	3.3	CAD	TSX
April 24, 2019	09:40:32	EDT	1000	3.27	CAD	TSX
April 24, 2019	09:40:32	EDT	900	3.27	CAD	NEO
April 24, 2019	09:40:32	EDT	100	3.27	CAD	NEO
April 24, 2019	09:43:07	EDT	900	3.27	CAD	NEO
April 24, 2019	09:43:07	EDT	100	3.27	CAD	NEO
April 24, 2019	09:44:27	EDT	1400	3.27	CAD	NEO
April 24, 2019	09:44:27	EDT	600	3.27	CAD	NEO

April 24, 2019	09:44:37	EDT	100	3.27	CAD	TSX
April 24, 2019	09:45:18	EDT	100	3.27	CAD	NEO
April 24, 2019	09:45:19	EDT	500	3.27	CAD	TSX
April 24, 2019	09:45:19	EDT	800	3.27	CAD	TSX
April 24, 2019	09:45:19	EDT	600	3.27	CAD	TSX
April 24, 2019	09:46:56	EDT	1000	3.26	CAD	TSX
April 24, 2019	09:46:56	EDT	100	3.26	CAD	NEO
April 24, 2019	09:46:56	EDT	1000	3.26	CAD	NEO
April 24, 2019	09:53:47	EDT	900	3.26	CAD	Chi-X
April 24, 2019	09:53:47	EDT	800	3.26	CAD	Chi-X
April 24, 2019	09:53:47	EDT	200	3.26	CAD	TSX
April 24, 2019	09:53:47	EDT	100	3.26	CAD	TSX
April 24, 2019	09:56:52	EDT	900	3.27	CAD	Chi-X
April 24, 2019	09:56:52	EDT	600	3.27	CAD	Pure
April 24, 2019	09:56:52	EDT	400	3.27	CAD	Pure
April 24, 2019	09:56:52	EDT	800	3.27	CAD	NEO
April 24, 2019	09:56:55	EDT	1000	3.26	CAD	NEO
April 24, 2019	09:58:59	EDT	100	3.26	CAD	TSX
April 24, 2019	09:58:59	EDT	1200	3.26	CAD	NEO
April 24, 2019	09:58:59	EDT	700	3.26	CAD	TSX
April 24, 2019	09:58:59	EDT	200	3.26	CAD	TSX
April 24, 2019	09:58:59	EDT	800	3.26	CAD	TSX
April 24, 2019	09:58:59	EDT	100	3.26	CAD	NEO
April 24, 2019	09:58:59	EDT	100	3.26	CAD	NEO
April 24, 2019	09:58:59	EDT	100	3.26	CAD	NEO
April 24, 2019	09:58:59	EDT	100	3.26	CAD	NEO
April 24, 2019	09:58:59	EDT	100	3.26	CAD	NEO
April 24, 2019	10:04:10	EDT	700	3.27	CAD	Chi-X
April 24, 2019	10:04:10	EDT	500	3.27	CAD	Chi-X
April 24, 2019	10:07:19	EDT	500	3.27	CAD	Chi-X
April 24, 2019	10:07:19	EDT	700	3.27	CAD	NEO
April 24, 2019	10:07:19	EDT	600	3.27	CAD	Pure
April 24, 2019	10:07:19	EDT	100	3.27	CAD	Omega
April 24, 2019	10:07:19	EDT	400	3.27	CAD	Pure
April 24, 2019	10:08:22	EDT	700	3.27	CAD	NEO
April 24, 2019	10:08:22	EDT	400	3.27	CAD	Pure
April 24, 2019	10:08:22	EDT	100	3.27	CAD	Omega
April 24, 2019	10:08:22	EDT	600	3.27	CAD	Pure
April 24, 2019	10:09:26	EDT	700	3.27	CAD	NEO
April 24, 2019	10:09:26	EDT	100	3.27	CAD	Omega
April 24, 2019	10:09:26	EDT	100	3.27	CAD	Chi-X
April 24, 2019	10:09:26	EDT	300	3.27	CAD	Chi-X
April 24, 2019	10:09:26	EDT	100	3.27	CAD	Omega
April 24, 2019	10:10:28	EDT	300	3.26	CAD	NEO
April 24, 2019	10:10:28	EDT	400	3.26	CAD	TSX
April 24, 2019	10:10:28	EDT	2000	3.26	CAD	TSX
April 24, 2019	10:10:28	EDT	700	3.26	CAD	NEO
April 24, 2019	10:10:29	EDT	900	3.26	CAD	NEO
April 24, 2019	10:10:29	EDT	500	3.26	CAD	NEO

April 24, 2019	10:18:20	EDT	200	3.26	CAD	Chi-X
April 24, 2019	10:18:20	EDT	700	3.26	CAD	NEO
April 24, 2019	10:18:20	EDT	100	3.26	CAD	Omega
April 24, 2019	10:23:28	EDT	100	3.27	CAD	Omega
April 24, 2019	10:23:28	EDT	500	3.27	CAD	NEO
April 24, 2019	10:23:28	EDT	700	3.27	CAD	NEO
April 24, 2019	10:23:28	EDT	600	3.27	CAD	Omega
April 24, 2019	10:23:28	EDT	600	3.27	CAD	Omega
April 24, 2019	10:25:30	EDT	700	3.27	CAD	NEO
April 24, 2019	10:25:30	EDT	400	3.27	CAD	NEO
April 24, 2019	10:27:34	EDT	700	3.28	CAD	NEO
April 24, 2019	10:27:34	EDT	900	3.28	CAD	NEO
April 24, 2019	10:27:34	EDT	100	3.28	CAD	Omega
April 24, 2019	10:29:37	EDT	200	3.28	CAD	Chi-X
April 24, 2019	10:29:37	EDT	100	3.28	CAD	Omega
April 24, 2019	10:29:37	EDT	100	3.28	CAD	Chi-X
April 24, 2019	10:29:37	EDT	700	3.28	CAD	NEO
April 24, 2019	10:30:11	EDT	1600	3.28	CAD	NEO
April 24, 2019	10:30:11	EDT	200	3.28	CAD	NEO
April 24, 2019	10:35:47	EDT	100	3.29	CAD	TSX
April 24, 2019	10:35:47	EDT	2300	3.29	CAD	TSX
April 24, 2019	10:35:47	EDT	1000	3.29	CAD	TSX
April 24, 2019	10:38:51	EDT	300	3.29	CAD	TSX
April 24, 2019	10:38:51	EDT	900	3.29	CAD	TSX
April 24, 2019	10:38:51	EDT	100	3.29	CAD	TSX
April 24, 2019	10:38:51	EDT	600	3.29	CAD	TSX
April 24, 2019	10:40:37	EDT	300	3.28	CAD	NEO
April 24, 2019	10:40:37	EDT	1400	3.28	CAD	TSX
April 24, 2019	10:40:37	EDT	100	3.28	CAD	NEO
April 24, 2019	10:40:37	EDT	600	3.28	CAD	NEO
April 24, 2019	10:40:37	EDT	300	3.28	CAD	TSX
April 24, 2019	10:40:37	EDT	500	3.28	CAD	NEO
April 24, 2019	10:40:37	EDT	300	3.28	CAD	NEO
April 24, 2019	10:46:16	EDT	800	3.25	CAD	TSX
April 24, 2019	10:49:12	EDT	700	3.26	CAD	NEO
April 24, 2019	10:49:12	EDT	100	3.26	CAD	Omega
April 24, 2019	10:49:12	EDT	400	3.26	CAD	Pure
April 24, 2019	10:49:12	EDT	200	3.26	CAD	Pure
April 24, 2019	10:51:19	EDT	2300	3.25	CAD	TSX
April 24, 2019	10:51:19	EDT	300	3.25	CAD	TSX
April 24, 2019	10:51:19	EDT	1300	3.25	CAD	NEO
April 24, 2019	10:51:19	EDT	900	3.25	CAD	NEO
April 24, 2019	10:51:19	EDT	700	3.25	CAD	NEO
April 24, 2019	10:51:19	EDT	100	3.25	CAD	TSX
April 24, 2019	10:51:19	EDT	200	3.25	CAD	TSX
April 24, 2019	10:58:14	EDT	800	3.25	CAD	Chi-X
April 24, 2019	10:58:14	EDT	200	3.25	CAD	Chi-X
April 24, 2019	11:01:20	EDT	100	3.25	CAD	Chi-X
April 24, 2019	11:01:20	EDT	400	3.25	CAD	Pure
April 24, 2019	11:01:20	EDT	600	3.25	CAD	Pure

April 24, 2019	11:01:20	EDT	800	3.25	CAD	NEO
April 24, 2019	11:03:20	EDT	700	3.25	CAD	NEO
April 24, 2019	11:03:20	EDT	100	3.25	CAD	TSX
April 24, 2019	11:03:20	EDT	1900	3.25	CAD	TSX
April 24, 2019	11:03:20	EDT	1200	3.25	CAD	NEO
April 24, 2019	11:03:20	EDT	400	3.25	CAD	NEO
April 24, 2019	11:06:19	EDT	200	3.25	CAD	NEO
April 24, 2019	11:06:52	EDT	400	3.26	CAD	NEO
April 24, 2019	11:06:52	EDT	400	3.26	CAD	NEO
April 24, 2019	11:06:52	EDT	100	3.25	CAD	NEO
April 24, 2019	11:07:11	EDT	200	3.25	CAD	NEO
April 24, 2019	11:09:57	EDT	400	3.26	CAD	Pure
April 24, 2019	11:09:57	EDT	600	3.26	CAD	NEO
April 24, 2019	11:09:57	EDT	300	3.26	CAD	NEO
April 24, 2019	11:09:57	EDT	200	3.26	CAD	Pure
April 24, 2019	11:11:59	EDT	500	3.26	CAD	Chi-X
April 24, 2019	11:11:59	EDT	200	3.26	CAD	TSX
April 24, 2019	11:11:59	EDT	500	3.26	CAD	TSX
April 24, 2019	11:15:02	EDT	800	3.28	CAD	Chi-X
April 24, 2019	11:15:02	EDT	200	3.28	CAD	Chi-X
April 24, 2019	11:15:02	EDT	800	3.28	CAD	Chi-X
April 24, 2019	11:19:08	EDT	400	3.28	CAD	Pure
April 24, 2019	11:19:08	EDT	600	3.28	CAD	Pure
April 24, 2019	11:19:08	EDT	1000	3.28	CAD	NEO
April 24, 2019	11:19:08	EDT	200	3.28	CAD	Chi-X
April 24, 2019	11:19:08	EDT	500	3.28	CAD	Chi-X
April 24, 2019	11:20:29	EDT	1000	3.27	CAD	NEO
April 24, 2019	11:25:10	EDT	500	3.28	CAD	Pure
April 24, 2019	11:25:10	EDT	300	3.28	CAD	Pure
April 24, 2019	11:29:13	EDT	600	3.28	CAD	Pure
April 24, 2019	11:29:13	EDT	500	3.28	CAD	Chi-X
April 24, 2019	11:29:13	EDT	300	3.28	CAD	Pure
April 24, 2019	11:33:17	EDT	400	3.28	CAD	Pure
April 24, 2019	11:33:18	EDT	500	3.28	CAD	Chi-X
April 24, 2019	11:33:18	EDT	200	3.28	CAD	Chi-X
April 24, 2019	11:33:18	EDT	200	3.28	CAD	Pure
April 24, 2019	11:36:22	EDT	800	3.29	CAD	Chi-X
April 24, 2019	11:36:22	EDT	700	3.29	CAD	Chi-X
April 24, 2019	11:40:25	EDT	200	3.29	CAD	NEO
April 24, 2019	11:40:25	EDT	1300	3.29	CAD	NEO
April 24, 2019	11:44:26	EDT	400	3.3	CAD	Chi-X
April 24, 2019	11:44:27	EDT	600	3.3	CAD	Pure
April 24, 2019	11:44:27	EDT	400	3.3	CAD	Pure
April 24, 2019	11:46:36	EDT	1500	3.29	CAD	TSX
April 24, 2019	11:46:36	EDT	200	3.29	CAD	TSX
April 24, 2019	11:46:36	EDT	500	3.29	CAD	NEO
April 24, 2019	11:46:36	EDT	700	3.29	CAD	NEO
April 24, 2019	11:46:36	EDT	400	3.29	CAD	NEO
April 24, 2019	11:46:36	EDT	200	3.29	CAD	NEO
April 24, 2019	11:51:48	EDT	800	3.27	CAD	TSX

April 24, 2019	11:51:48	EDT	700	3.27	CAD	NEO
April 24, 2019	11:58:49	EDT	1300	3.28	CAD	NEO
April 24, 2019	12:03:54	EDT	1200	3.28	CAD	Chi-X
April 24, 2019	12:03:54	EDT	400	3.28	CAD	Pure
April 24, 2019	12:04:56	EDT	600	3.28	CAD	Pure
April 24, 2019	12:04:56	EDT	300	3.28	CAD	Pure
April 24, 2019	12:11:04	EDT	1300	3.28	CAD	Chi-X
April 24, 2019	12:11:04	EDT	300	3.28	CAD	Chi-X
April 24, 2019	12:11:04	EDT	300	3.28	CAD	Pure
April 24, 2019	12:11:04	EDT	600	3.28	CAD	Pure
April 24, 2019	12:14:05	EDT	500	3.28	CAD	Chi-X
April 24, 2019	12:14:05	EDT	300	3.28	CAD	Chi-X
April 24, 2019	12:18:15	EDT	100	3.27	CAD	NEO
April 24, 2019	12:20:07	EDT	600	3.28	CAD	Pure
April 24, 2019	12:20:07	EDT	300	3.28	CAD	Pure
April 24, 2019	12:22:09	EDT	700	3.28	CAD	Chi-X
April 24, 2019	12:22:09	EDT	200	3.28	CAD	Pure
April 24, 2019	12:22:09	EDT	100	3.28	CAD	Pure
April 24, 2019	12:24:11	EDT	800	3.28	CAD	Chi-X
April 24, 2019	12:24:11	EDT	200	3.28	CAD	Chi-X
April 24, 2019	12:24:11	EDT	100	3.28	CAD	Pure
April 24, 2019	12:30:59	EDT	800	3.27	CAD	TSX
April 24, 2019	12:30:59	EDT	1500	3.27	CAD	TSX
April 24, 2019	12:30:59	EDT	400	3.27	CAD	TSX
April 24, 2019	12:30:59	EDT	200	3.27	CAD	TSX
April 24, 2019	12:30:59	EDT	100	3.27	CAD	TSX
April 24, 2019	12:30:59	EDT	2600	3.27	CAD	NEO
April 24, 2019	12:30:59	EDT	400	3.27	CAD	NEO
April 24, 2019	12:38:44	EDT	100	3.26	CAD	NEO
April 24, 2019	12:39:15	EDT	400	3.26	CAD	TSX
April 24, 2019	12:39:15	EDT	100	3.26	CAD	TSX
April 24, 2019	12:39:15	EDT	100	3.26	CAD	NEO
April 24, 2019	12:39:15	EDT	700	3.26	CAD	NEO
April 24, 2019	12:39:15	EDT	500	3.26	CAD	TSX
April 24, 2019	12:39:15	EDT	100	3.26	CAD	NEO
April 24, 2019	12:47:01	EDT	900	3.27	CAD	NEO
April 24, 2019	12:53:06	EDT	600	3.27	CAD	Pure
April 24, 2019	12:53:06	EDT	900	3.27	CAD	Chi-X
April 24, 2019	12:53:06	EDT	400	3.27	CAD	Pure
April 24, 2019	12:57:07	EDT	500	3.27	CAD	Pure
April 24, 2019	12:57:07	EDT	300	3.27	CAD	Pure
April 24, 2019	12:57:07	EDT	300	3.26	CAD	NEO
April 24, 2019	13:02:11	EDT	300	3.27	CAD	NEO
April 24, 2019	13:02:11	EDT	900	3.27	CAD	NEO
April 24, 2019	13:05:12	EDT	600	3.27	CAD	Pure
April 24, 2019	13:05:12	EDT	300	3.27	CAD	Pure
April 24, 2019	13:12:16	EDT	100	3.27	CAD	Pure
April 24, 2019	13:12:16	EDT	300	3.27	CAD	Pure
April 24, 2019	13:12:16	EDT	500	3.27	CAD	Chi-X
April 24, 2019	13:12:16	EDT	400	3.27	CAD	Pure

April 24, 2019	13:12:16	EDT	100	3.27	CAD	Pure
April 24, 2019	13:15:19	EDT	100	3.27	CAD	Chi-X
April 24, 2019	13:15:19	EDT	1100	3.27	CAD	Chi-X
April 24, 2019	13:18:21	EDT	200	3.27	CAD	Chi-X
April 24, 2019	13:18:21	EDT	800	3.27	CAD	Chi-X
April 24, 2019	13:18:21	EDT	200	3.27	CAD	TSX
April 24, 2019	13:18:21	EDT	300	3.27	CAD	TSX
April 24, 2019	13:21:24	EDT	300	3.27	CAD	NEO
April 24, 2019	13:21:24	EDT	900	3.27	CAD	NEO
April 24, 2019	13:24:29	EDT	1100	3.27	CAD	NEO
April 24, 2019	13:24:29	EDT	200	3.27	CAD	NEO
April 24, 2019	13:26:30	EDT	500	3.27	CAD	Chi-X
April 24, 2019	13:26:30	EDT	400	3.27	CAD	Chi-X
April 24, 2019	13:30:32	EDT	500	3.28	CAD	Chi-X
April 24, 2019	13:30:32	EDT	200	3.28	CAD	Pure
April 24, 2019	13:30:32	EDT	500	3.28	CAD	Pure
April 24, 2019	13:33:33	EDT	500	3.28	CAD	Chi-X
April 24, 2019	13:33:33	EDT	100	3.28	CAD	Pure
April 24, 2019	13:33:33	EDT	400	3.28	CAD	Chi-X
April 24, 2019	13:38:37	EDT	500	3.28	CAD	Pure
April 24, 2019	13:38:37	EDT	500	3.28	CAD	Chi-X
April 24, 2019	13:38:37	EDT	300	3.28	CAD	Pure
April 24, 2019	13:38:37	EDT	200	3.28	CAD	Chi-X
April 24, 2019	13:44:40	EDT	800	3.28	CAD	Chi-X
April 24, 2019	13:44:40	EDT	300	3.28	CAD	Chi-X
April 24, 2019	13:44:40	EDT	100	3.28	CAD	Pure
April 24, 2019	13:44:40	EDT	200	3.28	CAD	Pure
April 24, 2019	13:47:41	EDT	800	3.28	CAD	NEO
April 24, 2019	13:52:44	EDT	500	3.28	CAD	TSX
April 24, 2019	13:52:44	EDT	600	3.28	CAD	TSX
April 24, 2019	13:52:44	EDT	600	3.28	CAD	TSX
April 24, 2019	13:55:19	EDT	400	3.27	CAD	NEO
April 24, 2019	13:58:47	EDT	1000	3.28	CAD	Omega
April 24, 2019	14:02:48	EDT	500	3.28	CAD	TSX
April 24, 2019	14:02:48	EDT	500	3.28	CAD	TSX
April 24, 2019	14:02:48	EDT	100	3.28	CAD	TSX
April 24, 2019	14:07:51	EDT	800	3.28	CAD	Chi-X
April 24, 2019	14:07:51	EDT	100	3.28	CAD	Chi-X
April 24, 2019	14:07:51	EDT	400	3.28	CAD	Chi-X
April 24, 2019	14:07:51	EDT	100	3.28	CAD	Chi-X
April 24, 2019	14:10:03	EDT	1700	3.28	CAD	TSX
April 24, 2019	14:10:03	EDT	1700	3.28	CAD	NEO
April 24, 2019	14:10:03	EDT	100	3.28	CAD	NEO
April 24, 2019	14:21:50	EDT	800	3.29	CAD	NEO
April 24, 2019	14:23:52	EDT	900	3.29	CAD	NEO
April 24, 2019	14:26:54	EDT	500	3.29	CAD	Chi-X
April 24, 2019	14:26:54	EDT	600	3.29	CAD	Chi-X
April 24, 2019	14:28:56	EDT	100	3.29	CAD	Chi-X
April 24, 2019	14:28:56	EDT	600	3.29	CAD	Pure
April 24, 2019	14:28:56	EDT	100	3.29	CAD	Chi-X

April 24, 2019	14:28:56	EDT	400	3.29	CAD	Pure
April 24, 2019	14:31:57	EDT	100	3.29	CAD	Chi-X
April 24, 2019	14:31:57	EDT	700	3.29	CAD	Chi-X
April 24, 2019	14:35:59	EDT	100	3.29	CAD	Chi-X
April 24, 2019	14:35:59	EDT	100	3.29	CAD	Chi-X
April 24, 2019	14:35:59	EDT	200	3.29	CAD	TSX
April 24, 2019	14:35:59	EDT	200	3.29	CAD	Chi-X
April 24, 2019	14:35:59	EDT	400	3.29	CAD	TSX
April 24, 2019	14:38:00	EDT	100	3.3	CAD	Chi-X
April 24, 2019	14:38:00	EDT	100	3.3	CAD	Chi-X
April 24, 2019	14:38:00	EDT	100	3.3	CAD	Chi-X
April 24, 2019	14:38:00	EDT	800	3.3	CAD	Chi-X
April 24, 2019	14:41:02	EDT	200	3.3	CAD	Chi-X
April 24, 2019	14:41:02	EDT	200	3.3	CAD	Chi-X
April 24, 2019	14:41:03	EDT	100	3.3	CAD	Chi-X
April 24, 2019	14:41:03	EDT	200	3.3	CAD	Chi-X
April 24, 2019	14:41:03	EDT	200	3.3	CAD	Chi-X
April 24, 2019	14:44:04	EDT	800	3.3	CAD	Chi-X
April 24, 2019	14:44:04	EDT	200	3.3	CAD	Chi-X
April 24, 2019	14:47:05	EDT	400	3.3	CAD	Chi-X
April 24, 2019	14:47:05	EDT	1600	3.3	CAD	NEO
April 24, 2019	14:47:05	EDT	500	3.3	CAD	TSX
April 24, 2019	14:47:05	EDT	200	3.3	CAD	Chi-X
April 24, 2019	14:47:34	EDT	900	3.3	CAD	TSX
April 24, 2019	14:47:34	EDT	100	3.3	CAD	NEO
April 24, 2019	14:47:34	EDT	100	3.3	CAD	TSX
April 24, 2019	14:47:34	EDT	100	3.3	CAD	NEO
April 24, 2019	14:47:34	EDT	100	3.3	CAD	TSX
April 24, 2019	14:58:34	EDT	200	3.31	CAD	NEO
April 24, 2019	14:58:34	EDT	500	3.31	CAD	Pure
April 24, 2019	14:58:34	EDT	200	3.31	CAD	Pure
April 24, 2019	15:01:38	EDT	700	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	600	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	600	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	100	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	200	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	1700	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	1200	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	1000	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	500	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	600	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	25	3.31	CAD	TSX
April 24, 2019	15:01:38	EDT	1500	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	800	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	100	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	1100	3.31	CAD	NEO
April 24, 2019	15:01:38	EDT	700	3.31	CAD	NEO
April 24, 2019	15:01:39	EDT	100	3.31	CAD	Pure
April 25, 2019	09:32:51	EDT	300	3.29	CAD	TSX
April 25, 2019	09:32:51	EDT	400	3.29	CAD	TSX

April 25, 2019	09:52:03	EDT	1400	3.3	CAD	TSX
April 25, 2019	09:52:03	EDT	100	3.3	CAD	TSX
April 25, 2019	09:52:31	EDT	300	3.3	CAD	NEO
April 25, 2019	09:52:32	EDT	200	3.3	CAD	TSX
April 25, 2019	09:54:08	EDT	200	3.29	CAD	TSX
April 25, 2019	09:54:08	EDT	200	3.29	CAD	NEO
April 25, 2019	09:54:08	EDT	100	3.29	CAD	NEO
April 25, 2019	09:54:42	EDT	200	3.3	CAD	NEO
April 25, 2019	10:01:21	EDT	300	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	200	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	300	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	1500	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	1200	3.31	CAD	NEO
April 25, 2019	10:01:21	EDT	100	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	100	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	100	3.31	CAD	TSX
April 25, 2019	10:01:21	EDT	400	3.31	CAD	NEO
April 25, 2019	10:01:21	EDT	600	3.31	CAD	NEO
April 25, 2019	10:01:21	EDT	500	3.31	CAD	NEO
April 25, 2019	10:01:21	EDT	100	3.31	CAD	NEO
April 25, 2019	10:01:21	EDT	100	3.3	CAD	NEO
April 25, 2019	10:04:56	EDT	100	3.32	CAD	NEO
April 25, 2019	10:04:56	EDT	100	3.32	CAD	NEO
April 25, 2019	10:04:56	EDT	100	3.32	CAD	NEO
April 25, 2019	10:04:56	EDT	100	3.32	CAD	NEO
April 25, 2019	10:04:56	EDT	100	3.32	CAD	NEO
April 25, 2019	10:11:03	EDT	800	3.31	CAD	TSX
April 25, 2019	10:11:03	EDT	600	3.31	CAD	TSX
April 25, 2019	10:11:03	EDT	100	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	1100	3.31	CAD	TSX
April 25, 2019	10:11:03	EDT	100	3.31	CAD	TSX
April 25, 2019	10:11:03	EDT	100	3.31	CAD	TSX
April 25, 2019	10:11:03	EDT	100	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	100	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	1700	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	100	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	100	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	200	3.31	CAD	NEO
April 25, 2019	10:11:03	EDT	400	3.31	CAD	NEO
April 25, 2019	10:11:35	EDT	700	3.3	CAD	TSX
April 25, 2019	10:13:15	EDT	700	3.3	CAD	NEO
April 25, 2019	10:13:15	EDT	100	3.3	CAD	NEO
April 25, 2019	10:13:15	EDT	100	3.3	CAD	NEO
April 25, 2019	10:13:15	EDT	200	3.3	CAD	NEO
April 25, 2019	10:16:16	EDT	800	3.29	CAD	NEO
April 25, 2019	10:16:16	EDT	300	3.29	CAD	TSX
April 25, 2019	10:16:16	EDT	100	3.29	CAD	NEO
April 25, 2019	10:16:16	EDT	300	3.29	CAD	NEO
April 25, 2019	10:16:16	EDT	800	3.29	CAD	TSX
April 25, 2019	10:16:16	EDT	100	3.29	CAD	NEO

April 25, 2019	10:16:16	EDT	1000	3.29	CAD	NEO
April 25, 2019	10:21:37	EDT	200	3.27	CAD	TSX
April 25, 2019	10:21:37	EDT	200	3.27	CAD	TSX
April 25, 2019	10:21:37	EDT	400	3.27	CAD	TSX
April 25, 2019	10:21:37	EDT	200	3.27	CAD	TSX
April 25, 2019	10:21:37	EDT	200	3.27	CAD	TSX
April 25, 2019	10:21:37	EDT	600	3.27	CAD	TSX
April 25, 2019	10:21:37	EDT	200	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	300	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	300	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	100	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	200	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	300	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	400	3.27	CAD	NEO
April 25, 2019	10:21:37	EDT	300	3.27	CAD	NEO
April 25, 2019	10:28:17	EDT	400	3.3	CAD	NEO
April 25, 2019	10:28:17	EDT	200	3.3	CAD	NEO
April 25, 2019	10:28:30	EDT	400	3.3	CAD	TSX
April 25, 2019	10:28:30	EDT	100	3.3	CAD	TSX
April 25, 2019	10:30:27	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:27	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	TSX
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	TSX
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	TSX
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:30:38	EDT	100	3.3	CAD	NEO
April 25, 2019	10:31:25	EDT	300	3.29	CAD	NEO
April 25, 2019	10:31:25	EDT	700	3.29	CAD	TSX
April 25, 2019	10:31:25	EDT	800	3.29	CAD	TSX
April 25, 2019	10:31:25	EDT	300	3.29	CAD	TSX
April 25, 2019	10:31:25	EDT	200	3.29	CAD	TSX
April 25, 2019	10:31:25	EDT	200	3.29	CAD	NEO
April 25, 2019	10:31:25	EDT	200	3.29	CAD	NEO
April 25, 2019	10:31:25	EDT	900	3.29	CAD	NEO
April 25, 2019	10:31:25	EDT	800	3.29	CAD	NEO
April 25, 2019	10:33:07	EDT	100	3.28	CAD	NEO
April 25, 2019	10:34:00	EDT	100	3.28	CAD	NEO
April 25, 2019	10:35:11	EDT	100	3.28	CAD	NEO
April 25, 2019	10:40:45	EDT	2700	3.295	CAD	TriAct
April 25, 2019	10:42:02	EDT	1400	3.29	CAD	NEO
April 25, 2019	10:42:02	EDT	100	3.29	CAD	TSX
April 25, 2019	10:42:02	EDT	500	3.29	CAD	NEO
April 25, 2019	10:47:59	EDT	300	3.29	CAD	NEO
April 25, 2019	10:47:59	EDT	1300	3.29	CAD	TSX
April 25, 2019	10:47:59	EDT	300	3.29	CAD	TSX

April 25, 2019	11:10:39	EDT	100	3.29	CAD	Chi-X
April 25, 2019	11:12:10	EDT	2700	3.3	CAD	Chi-X
April 25, 2019	11:12:10	EDT	500	3.3	CAD	Chi-X
April 25, 2019	11:15:09	EDT	700	3.3	CAD	NEO
April 25, 2019	11:15:09	EDT	600	3.3	CAD	NEO
April 25, 2019	11:15:09	EDT	400	3.3	CAD	NEO
April 25, 2019	11:15:11	EDT	600	3.3	CAD	TSX
April 25, 2019	11:15:11	EDT	500	3.3	CAD	TSX
April 25, 2019	11:15:11	EDT	300	3.3	CAD	TSX
April 25, 2019	11:21:36	EDT	200	3.31	CAD	Chi-X
April 25, 2019	11:21:36	EDT	600	3.31	CAD	Chi-X
April 25, 2019	11:21:36	EDT	1200	3.31	CAD	Chi-X
April 25, 2019	11:23:57	EDT	300	3.32	CAD	NEO
April 25, 2019	11:23:57	EDT	100	3.32	CAD	NEO
April 25, 2019	11:23:57	EDT	100	3.32	CAD	NEO
April 25, 2019	11:23:57	EDT	300	3.32	CAD	TSX
April 25, 2019	11:23:57	EDT	100	3.32	CAD	NEO
April 25, 2019	11:29:59	EDT	200	3.315	CAD	TriAct
April 25, 2019	11:30:00	EDT	500	3.31	CAD	NEO
April 25, 2019	11:30:00	EDT	500	3.31	CAD	NEO
April 25, 2019	11:30:00	EDT	500	3.31	CAD	NEO
April 25, 2019	11:30:50	EDT	400	3.31	CAD	TSX
April 25, 2019	11:30:50	EDT	100	3.31	CAD	TSX
April 25, 2019	11:30:50	EDT	500	3.31	CAD	TSX
April 25, 2019	11:30:50	EDT	400	3.31	CAD	TSX
April 25, 2019	11:32:37	EDT	200	3.3	CAD	TSX
April 25, 2019	11:32:37	EDT	100	3.3	CAD	NEO
April 25, 2019	11:32:37	EDT	100	3.3	CAD	NEO
April 25, 2019	11:32:37	EDT	100	3.3	CAD	NEO
April 25, 2019	11:37:28	EDT	800	3.3	CAD	Chi-X
April 25, 2019	11:42:13	EDT	800	3.31	CAD	Chi-X
April 25, 2019	11:42:13	EDT	1200	3.31	CAD	Chi-X
April 25, 2019	11:56:34	EDT	100	3.305	CAD	Chi-X
April 25, 2019	11:58:31	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:58:44	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:58:54	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:07	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:26	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:36	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:38	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:41	EDT	600	3.305	CAD	TriAct
April 25, 2019	11:59:45	EDT	600	3.305	CAD	TriAct
April 25, 2019	11:59:46	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:50	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:56	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:56	EDT	100	3.305	CAD	TriAct
April 25, 2019	11:59:59	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:00:30	EDT	100	3.305	CAD	Chi-X
April 25, 2019	12:01:02	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:06	EDT	100	3.305	CAD	TriAct

April 25, 2019	12:01:06	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:11	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:13	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:13	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:16	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:26	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:01:30	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:03:03	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:03:13	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:08:16	EDT	200	3.305	CAD	Chi-X
April 25, 2019	12:10:12	EDT	100	3.3	CAD	NEO
April 25, 2019	12:13:44	EDT	100	3.3	CAD	NEO
April 25, 2019	12:18:59	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:19:00	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:19:01	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:19:03	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:19:04	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:19:07	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:19:53	EDT	200	3.305	CAD	TriAct
April 25, 2019	12:19:55	EDT	100	3.305	CAD	TriAct
April 25, 2019	12:20:13	EDT	200	3.305	CAD	Chi-X
April 25, 2019	12:20:33	EDT	500	3.305	CAD	TriAct
April 25, 2019	12:24:29	EDT	300	3.3	CAD	NEO
April 25, 2019	12:27:05	EDT	11300	3.31	CAD	TriAct
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	300	3.3	CAD	TSX
April 25, 2019	12:30:05	EDT	600	3.3	CAD	TSX
April 25, 2019	12:30:05	EDT	600	3.3	CAD	TSX
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	200	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	700	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:30:05	EDT	100	3.3	CAD	NEO
April 25, 2019	12:41:39	EDT	600	3.3	CAD	Chi-X
April 25, 2019	12:41:39	EDT	800	3.3	CAD	Chi-X
April 25, 2019	12:41:39	EDT	300	3.3	CAD	TSX
April 25, 2019	12:46:20	EDT	1600	3.3	CAD	Chi-X
April 25, 2019	12:49:28	EDT	700	3.3	CAD	Chi-X
April 25, 2019	12:49:28	EDT	600	3.3	CAD	Chi-X

April 25, 2019	12:52:14	EDT	100	3.295	CAD	Chi-X
April 25, 2019	12:52:32	EDT	100	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	100	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	500	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	100	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	100	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	100	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	100	3.29	CAD	NEO
April 25, 2019	12:52:32	EDT	100	3.29	CAD	TSX
April 25, 2019	12:52:32	EDT	200	3.29	CAD	TSX
April 25, 2019	12:52:32	EDT	200	3.29	CAD	TSX
April 25, 2019	12:52:32	EDT	100	3.29	CAD	TSX
April 25, 2019	12:52:32	EDT	100	3.29	CAD	TSX
April 25, 2019	13:01:19	EDT	1300	3.29	CAD	Chi-X
April 25, 2019	13:10:35	EDT	800	3.31	CAD	Chi-X
April 25, 2019	13:10:35	EDT	700	3.31	CAD	TSX
April 25, 2019	13:10:35	EDT	300	3.31	CAD	TSX
April 25, 2019	13:10:35	EDT	500	3.31	CAD	TSX
April 25, 2019	13:16:26	EDT	100	3.305	CAD	TSX
April 25, 2019	13:16:26	EDT	100	3.305	CAD	TriAct
April 25, 2019	13:16:26	EDT	100	3.305	CAD	Chi-X
April 25, 2019	13:16:26	EDT	100	3.3	CAD	NEO
April 25, 2019	13:16:26	EDT	100	3.305	CAD	TriAct
April 25, 2019	13:16:26	EDT	100	3.305	CAD	TriAct
April 25, 2019	13:16:26	EDT	100	3.305	CAD	TriAct
April 25, 2019	13:16:57	EDT	800	3.3	CAD	NEO
April 25, 2019	13:16:57	EDT	300	3.3	CAD	NEO
April 25, 2019	13:16:57	EDT	500	3.3	CAD	NEO
April 25, 2019	13:16:57	EDT	200	3.3	CAD	NEO
April 25, 2019	13:16:57	EDT	800	3.3	CAD	TSX
April 25, 2019	13:16:57	EDT	200	3.3	CAD	TSX
April 25, 2019	13:16:57	EDT	200	3.3	CAD	TSX
April 25, 2019	13:16:57	EDT	600	3.3	CAD	TSX
April 25, 2019	13:16:57	EDT	200	3.3	CAD	NEO
April 25, 2019	13:27:18	EDT	100	3.295	CAD	Chi-X
April 25, 2019	13:27:56	EDT	500	3.3	CAD	Chi-X
April 25, 2019	13:27:56	EDT	700	3.3	CAD	TSX
April 25, 2019	13:27:56	EDT	100	3.3	CAD	NEO
April 25, 2019	13:27:56	EDT	600	3.3	CAD	TSX
April 25, 2019	13:32:10	EDT	1500	3.31	CAD	Chi-X
April 25, 2019	13:37:57	EDT	300	3.305	CAD	TriAct
April 25, 2019	13:39:25	EDT	100	3.305	CAD	TSX
April 25, 2019	13:40:06	EDT	200	3.305	CAD	TSX
April 25, 2019	13:40:32	EDT	100	3.3	CAD	NEO
April 25, 2019	13:42:58	EDT	400	3.305	CAD	TriAct
April 25, 2019	13:43:58	EDT	400	3.305	CAD	TriAct
April 25, 2019	13:44:35	EDT	200	3.305	CAD	Chi-X
April 25, 2019	13:44:35	EDT	200	3.305	CAD	TSX
April 25, 2019	13:44:35	EDT	200	3.3	CAD	NEO
April 25, 2019	13:44:35	EDT	200	3.305	CAD	Chi-X

April 25, 2019	13:44:35	EDT	400	3.3	CAD	NEO
April 25, 2019	13:44:35	EDT	300	3.3	CAD	NEO
April 25, 2019	13:44:35	EDT	100	3.3	CAD	NEO
April 25, 2019	13:44:35	EDT	100	3.3	CAD	NEO
April 25, 2019	13:44:35	EDT	300	3.305	CAD	TriAct
April 25, 2019	13:49:00	EDT	200	3.3	CAD	TSX
April 25, 2019	13:49:00	EDT	300	3.3	CAD	TSX
April 25, 2019	13:49:00	EDT	300	3.3	CAD	TSX
April 25, 2019	13:49:00	EDT	100	3.3	CAD	NEO
April 25, 2019	13:49:00	EDT	100	3.3	CAD	NEO
April 25, 2019	13:49:00	EDT	100	3.3	CAD	Chi-X
April 25, 2019	13:49:00	EDT	200	3.3	CAD	Chi-X
April 25, 2019	13:52:44	EDT	1100	3.3	CAD	Chi-X
April 25, 2019	13:57:57	EDT	1200	3.3	CAD	Chi-X
April 25, 2019	14:02:48	EDT	700	3.3	CAD	Chi-X
April 25, 2019	14:02:48	EDT	600	3.3	CAD	Chi-X
April 25, 2019	14:07:57	EDT	400	3.3	CAD	Chi-X
April 25, 2019	14:07:57	EDT	800	3.3	CAD	Chi-X
April 25, 2019	14:07:57	EDT	200	3.3	CAD	Chi-X
April 25, 2019	14:11:49	EDT	400	3.3	CAD	Chi-X
April 25, 2019	14:11:49	EDT	300	3.3	CAD	Chi-X
April 25, 2019	14:11:49	EDT	600	3.3	CAD	Chi-X
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	400	3.29	CAD	TSX
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	300	3.29	CAD	TSX
April 25, 2019	14:16:35	EDT	100	3.29	CAD	TSX
April 25, 2019	14:16:35	EDT	400	3.29	CAD	TSX
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	300	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	500	3.29	CAD	NEO
April 25, 2019	14:16:35	EDT	100	3.29	CAD	NEO
April 25, 2019	14:20:41	EDT	500	3.29	CAD	NEO
April 25, 2019	14:20:41	EDT	400	3.29	CAD	NEO
April 25, 2019	14:20:41	EDT	400	3.29	CAD	NEO
April 25, 2019	14:20:41	EDT	500	3.29	CAD	TSX
April 25, 2019	14:20:41	EDT	300	3.29	CAD	TSX
April 25, 2019	14:20:41	EDT	400	3.29	CAD	TSX
April 25, 2019	14:20:41	EDT	100	3.29	CAD	NEO
April 25, 2019	14:21:19	EDT	100	3.27	CAD	TSX
April 25, 2019	14:21:19	EDT	100	3.27	CAD	NEO
April 25, 2019	14:21:19	EDT	100	3.27	CAD	NEO
April 25, 2019	14:21:19	EDT	100	3.27	CAD	TSX
April 25, 2019	14:21:19	EDT	100	3.27	CAD	NEO
April 25, 2019	14:36:13	EDT	1500	3.28	CAD	Chi-X
April 25, 2019	14:36:13	EDT	200	3.28	CAD	Chi-X
April 25, 2019	14:36:13	EDT	600	3.28	CAD	Chi-X

April 25, 2019	14:39:20	EDT	300	3.27	CAD	NEO
April 25, 2019	14:39:20	EDT	100	3.27	CAD	NEO
April 25, 2019	14:39:20	EDT	100	3.27	CAD	NEO
April 25, 2019	14:39:20	EDT	100	3.27	CAD	NEO
April 25, 2019	14:39:21	EDT	200	3.27	CAD	TSX
April 25, 2019	14:39:21	EDT	100	3.27	CAD	TSX
April 25, 2019	14:39:21	EDT	300	3.27	CAD	TSX
April 25, 2019	14:39:21	EDT	200	3.27	CAD	TSX
April 25, 2019	14:39:21	EDT	300	3.27	CAD	TSX
April 25, 2019	14:39:21	EDT	300	3.27	CAD	NEO
April 25, 2019	14:39:21	EDT	100	3.27	CAD	NEO
April 25, 2019	14:39:21	EDT	400	3.27	CAD	NEO
April 25, 2019	14:40:08	EDT	200	3.25	CAD	TSX
April 25, 2019	14:40:08	EDT	300	3.25	CAD	NEO
April 25, 2019	14:48:21	EDT	100	3.255	CAD	TSX
April 25, 2019	14:50:31	EDT	100	3.265	CAD	TriAct
April 25, 2019	14:50:31	EDT	100	3.265	CAD	TSX
April 25, 2019	14:50:31	EDT	100	3.265	CAD	Chi-X
April 25, 2019	14:50:31	EDT	100	3.265	CAD	Chi-X
April 25, 2019	14:50:31	EDT	100	3.265	CAD	TSX
April 25, 2019	14:50:31	EDT	100	3.265	CAD	TriAct
April 25, 2019	14:50:42	EDT	100	3.265	CAD	Chi-X
April 25, 2019	14:53:49	EDT	2200	3.27	CAD	Chi-X
April 25, 2019	14:58:02	EDT	200	3.28	CAD	Chi-X
April 25, 2019	14:58:02	EDT	1400	3.28	CAD	Chi-X
April 25, 2019	14:59:02	EDT	400	3.27	CAD	NEO
April 25, 2019	15:03:07	EDT	300	3.27	CAD	NEO
April 25, 2019	15:03:07	EDT	800	3.26	CAD	Chi-X
April 25, 2019	15:03:07	EDT	500	3.27	CAD	NEO
April 25, 2019	15:03:07	EDT	200	3.27	CAD	TSX
April 25, 2019	15:03:07	EDT	800	3.27	CAD	TSX
April 25, 2019	15:03:07	EDT	600	3.26	CAD	Chi-X
April 25, 2019	15:04:58	EDT	100	3.25	CAD	NEO
April 25, 2019	15:13:04	EDT	600	3.25	CAD	TSX
April 25, 2019	15:13:04	EDT	700	3.25	CAD	TSX
April 25, 2019	15:13:04	EDT	100	3.25	CAD	NEO
April 25, 2019	15:13:04	EDT	1900	3.25	CAD	TSX
April 25, 2019	15:13:04	EDT	25	3.25	CAD	TSX
April 25, 2019	15:14:49	EDT	3200	3.25	CAD	NEO
April 26, 2019	09:33:36	EDT	1200	3.19	CAD	TSX
April 26, 2019	09:33:36	EDT	1200	3.19	CAD	NEO
April 26, 2019	09:37:20	EDT	100	3.18	CAD	TSX
April 26, 2019	09:38:11	EDT	800	3.18	CAD	TSX
April 26, 2019	09:38:11	EDT	100	3.18	CAD	NEO
April 26, 2019	09:38:11	EDT	900	3.18	CAD	NEO
April 26, 2019	09:38:11	EDT	100	3.18	CAD	TSX
April 26, 2019	09:42:12	EDT	200	3.18	CAD	TSX
April 26, 2019	09:48:45	EDT	1300	3.19	CAD	NEO
April 26, 2019	09:48:45	EDT	1200	3.19	CAD	NEO
April 26, 2019	09:48:45	EDT	1300	3.19	CAD	NEO

April 26, 2019	09:52:54	EDT	100	3.21	CAD	TSX
April 26, 2019	09:52:54	EDT	1500	3.21	CAD	NEO
April 26, 2019	09:53:45	EDT	1500	3.21	CAD	TSX
April 26, 2019	09:54:00	EDT	1000	3.21	CAD	TSX
April 26, 2019	09:54:00	EDT	3100	3.21	CAD	Chi-X
April 26, 2019	09:54:00	EDT	1000	3.21	CAD	Chi-X
April 26, 2019	09:54:00	EDT	500	3.21	CAD	TSX
April 26, 2019	09:55:02	EDT	800	3.21	CAD	Omega
April 26, 2019	09:55:39	EDT	1400	3.2	CAD	TSX
April 26, 2019	09:55:39	EDT	300	3.2	CAD	TSX
April 26, 2019	09:55:39	EDT	400	3.2	CAD	NEO
April 26, 2019	09:55:39	EDT	1400	3.2	CAD	NEO
April 26, 2019	10:05:40	EDT	100	3.19	CAD	NEO
April 26, 2019	10:06:49	EDT	400	3.19	CAD	NEO
April 26, 2019	10:06:49	EDT	2000	3.19	CAD	TSX
April 26, 2019	10:06:49	EDT	2000	3.19	CAD	TSX
April 26, 2019	10:06:49	EDT	700	3.19	CAD	TSX
April 26, 2019	10:06:49	EDT	1600	3.19	CAD	NEO
April 26, 2019	10:06:49	EDT	500	3.19	CAD	NEO
April 26, 2019	10:06:49	EDT	200	3.19	CAD	NEO
April 26, 2019	10:06:49	EDT	400	3.19	CAD	NEO
April 26, 2019	10:06:50	EDT	800	3.19	CAD	Chi-X
April 26, 2019	10:06:50	EDT	900	3.19	CAD	Chi-X
April 26, 2019	10:09:55	EDT	800	3.19	CAD	Chi-X
April 26, 2019	10:09:55	EDT	300	3.19	CAD	Chi-X
April 26, 2019	10:14:05	EDT	800	3.19	CAD	Chi-X
April 26, 2019	10:14:05	EDT	2000	3.19	CAD	Chi-X
April 26, 2019	10:14:05	EDT	100	3.19	CAD	NEO
April 26, 2019	10:16:07	EDT	700	3.19	CAD	Chi-X
April 26, 2019	10:16:07	EDT	200	3.19	CAD	Chi-X
April 26, 2019	10:22:49	EDT	100	3.18	CAD	NEO
April 26, 2019	10:22:50	EDT	1500	3.18	CAD	NEO
April 26, 2019	10:25:30	EDT	100	3.18	CAD	NEO
April 26, 2019	10:25:30	EDT	700	3.18	CAD	TSX
April 26, 2019	10:25:30	EDT	200	3.18	CAD	NEO
April 26, 2019	10:25:30	EDT	2800	3.18	CAD	TSX
April 26, 2019	10:25:30	EDT	900	3.18	CAD	NEO
April 26, 2019	10:25:30	EDT	1400	3.18	CAD	NEO
April 26, 2019	10:25:30	EDT	900	3.18	CAD	NEO
April 26, 2019	10:34:13	EDT	800	3.18	CAD	Chi-X
April 26, 2019	10:34:13	EDT	700	3.18	CAD	NEO
April 26, 2019	10:34:13	EDT	100	3.18	CAD	Chi-X
April 26, 2019	10:34:13	EDT	100	3.18	CAD	Chi-X
April 26, 2019	10:34:13	EDT	700	3.18	CAD	Chi-X
April 26, 2019	10:34:13	EDT	100	3.18	CAD	Chi-X
April 26, 2019	10:34:13	EDT	600	3.18	CAD	Pure
April 26, 2019	10:34:13	EDT	400	3.18	CAD	Pure
April 26, 2019	10:38:46	EDT	100	3.17	CAD	NEO
April 26, 2019	10:38:46	EDT	500	3.17	CAD	TSX
April 26, 2019	10:38:46	EDT	2600	3.17	CAD	NEO

April 26, 2019	10:38:46	EDT	2700	3.17	CAD	TSX
April 26, 2019	10:38:46	EDT	200	3.17	CAD	NEO
April 26, 2019	10:38:46	EDT	300	3.17	CAD	NEO
April 26, 2019	10:43:40	EDT	100	3.16	CAD	NEO
April 26, 2019	10:46:07	EDT	100	3.16	CAD	NEO
April 26, 2019	10:48:37	EDT	100	3.16	CAD	NEO
April 26, 2019	10:50:24	EDT	100	3.16	CAD	NEO
April 26, 2019	10:51:19	EDT	100	3.16	CAD	NEO
April 26, 2019	10:53:17	EDT	100	3.16	CAD	NEO
April 26, 2019	10:53:40	EDT	3200	3.16	CAD	NEO
April 26, 2019	10:54:46	EDT	100	3.16	CAD	NEO
April 26, 2019	10:55:37	EDT	3400	3.16	CAD	NEO
April 26, 2019	10:55:37	EDT	600	3.16	CAD	NEO
April 26, 2019	10:55:50	EDT	100	3.16	CAD	TSX
April 26, 2019	10:55:50	EDT	800	3.16	CAD	TSX
April 26, 2019	10:55:50	EDT	1600	3.16	CAD	TSX
April 26, 2019	10:55:50	EDT	700	3.16	CAD	TSX
April 26, 2019	10:55:50	EDT	100	3.16	CAD	TSX
April 26, 2019	10:55:50	EDT	500	3.16	CAD	TSX
April 26, 2019	10:55:50	EDT	100	3.16	CAD	TSX
April 26, 2019	10:59:57	EDT	100	3.15	CAD	NEO
April 26, 2019	11:01:20	EDT	800	3.15	CAD	NEO
April 26, 2019	11:01:20	EDT	100	3.15	CAD	NEO
April 26, 2019	11:01:20	EDT	100	3.15	CAD	TSX
April 26, 2019	11:01:20	EDT	900	3.15	CAD	TSX
April 26, 2019	11:02:19	EDT	1000	3.14	CAD	TSX
April 26, 2019	11:02:19	EDT	100	3.14	CAD	NEO
April 26, 2019	11:02:19	EDT	900	3.14	CAD	NEO
April 26, 2019	11:08:40	EDT	2700	3.15	CAD	Chi-X
April 26, 2019	11:09:27	EDT	1700	3.14	CAD	NEO
April 26, 2019	11:09:28	EDT	100	3.14	CAD	NEO
April 26, 2019	11:11:00	EDT	500	3.14	CAD	NEO
April 26, 2019	11:11:00	EDT	200	3.14	CAD	TSX
April 26, 2019	11:11:00	EDT	400	3.14	CAD	NEO
April 26, 2019	11:11:00	EDT	100	3.14	CAD	NEO
April 26, 2019	11:11:00	EDT	1000	3.14	CAD	TSX
April 26, 2019	11:11:00	EDT	100	3.14	CAD	NEO
April 26, 2019	11:11:00	EDT	100	3.14	CAD	NEO
April 26, 2019	11:11:00	EDT	100	3.14	CAD	NEO
April 26, 2019	11:19:40	EDT	500	3.16	CAD	TSX
April 26, 2019	11:19:40	EDT	300	3.16	CAD	TSX
April 26, 2019	11:19:40	EDT	100	3.16	CAD	Chi-X
April 26, 2019	11:19:40	EDT	1400	3.16	CAD	Chi-X
April 26, 2019	11:22:41	EDT	800	3.17	CAD	Chi-X
April 26, 2019	11:25:34	EDT	200	3.16	CAD	TSX
April 26, 2019	11:28:46	EDT	100	3.17	CAD	TSX
April 26, 2019	11:28:46	EDT	800	3.17	CAD	Chi-X
April 26, 2019	11:28:46	EDT	1000	3.17	CAD	Chi-X
April 26, 2019	11:31:48	EDT	500	3.18	CAD	TSX
April 26, 2019	11:31:48	EDT	300	3.18	CAD	TSX

April 26, 2019	11:33:48	EDT	1500	3.17	CAD	TSX
April 26, 2019	11:45:05	EDT	700	3.18	CAD	TSX
April 26, 2019	11:45:05	EDT	600	3.18	CAD	TSX
April 26, 2019	11:45:05	EDT	300	3.18	CAD	TSX
April 26, 2019	11:45:05	EDT	100	3.18	CAD	TSX
April 26, 2019	11:45:05	EDT	600	3.18	CAD	TSX
April 26, 2019	11:45:05	EDT	100	3.18	CAD	TSX
April 26, 2019	11:45:05	EDT	1300	3.18	CAD	TSX
April 26, 2019	11:51:56	EDT	2700	3.19	CAD	TSX
April 26, 2019	11:51:56	EDT	100	3.19	CAD	TSX
April 26, 2019	11:51:56	EDT	900	3.19	CAD	NEO
April 26, 2019	11:51:56	EDT	200	3.19	CAD	NEO
April 26, 2019	11:51:56	EDT	1800	3.19	CAD	NEO
April 26, 2019	12:00:46	EDT	800	3.18	CAD	Chi-X
April 26, 2019	12:00:46	EDT	300	3.18	CAD	Chi-X
April 26, 2019	12:00:46	EDT	900	3.18	CAD	Omega
April 26, 2019	12:03:48	EDT	600	3.19	CAD	Pure
April 26, 2019	12:03:48	EDT	400	3.19	CAD	Pure
April 26, 2019	12:07:56	EDT	2200	3.19	CAD	TSX
April 26, 2019	12:07:56	EDT	100	3.19	CAD	TSX
April 26, 2019	12:07:56	EDT	300	3.19	CAD	NEO
April 26, 2019	12:07:56	EDT	100	3.19	CAD	TSX
April 26, 2019	12:07:56	EDT	1800	3.19	CAD	NEO
April 26, 2019	12:07:56	EDT	100	3.19	CAD	NEO
April 26, 2019	12:07:56	EDT	200	3.19	CAD	TSX
April 26, 2019	12:07:56	EDT	400	3.19	CAD	NEO
April 26, 2019	12:23:09	EDT	800	3.19	CAD	Chi-X
April 26, 2019	12:23:09	EDT	300	3.19	CAD	Chi-X
April 26, 2019	12:25:11	EDT	1200	3.19	CAD	Chi-X
April 26, 2019	12:27:13	EDT	800	3.19	CAD	Chi-X
April 26, 2019	13:03:16	EDT	200	3.18	CAD	NEO
April 26, 2019	13:14:04	EDT	100	3.18	CAD	NEO
April 26, 2019	13:16:28	EDT	200	3.18	CAD	NEO
April 26, 2019	13:21:56	EDT	200	3.18	CAD	NEO
April 26, 2019	13:30:33	EDT	100	3.18	CAD	NEO
April 26, 2019	13:32:22	EDT	200	3.19	CAD	Chi-X
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	200	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	600	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	400	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	800	3.19	CAD	TSX
April 26, 2019	13:32:22	EDT	100	3.19	CAD	NEO
April 26, 2019	13:32:23	EDT	100	3.19	CAD	NEO
April 26, 2019	13:32:23	EDT	100	3.19	CAD	NEO

April 26, 2019	13:33:06	EDT	100	3.19	CAD	TSX
April 26, 2019	13:33:13	EDT	100	3.19	CAD	TSX
April 26, 2019	13:33:26	EDT	100	3.19	CAD	TSX
April 26, 2019	13:33:30	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:49	EDT	1100	3.19	CAD	NEO
April 26, 2019	13:35:49	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:49	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:50	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:50	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:50	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:50	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:50	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:51	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:51	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:51	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:51	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:54	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:54	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:54	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:54	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:54	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:55	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:55	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:55	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:56	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:56	EDT	100	3.19	CAD	NEO
April 26, 2019	13:35:57	EDT	100	3.19	CAD	NEO
April 26, 2019	13:37:37	EDT	400	3.2	CAD	Chi-X
April 26, 2019	13:37:37	EDT	1500	3.2	CAD	Omega
April 26, 2019	13:37:37	EDT	100	3.2	CAD	Chi-X
April 26, 2019	14:02:30	EDT	500	3.2	CAD	NEO
April 26, 2019	14:05:17	EDT	100	3.2	CAD	NEO
April 26, 2019	14:08:35	EDT	100	3.2	CAD	NEO
April 26, 2019	14:13:44	EDT	300	3.2	CAD	TSX
April 26, 2019	14:13:44	EDT	1000	3.2	CAD	TSX
April 26, 2019	14:13:44	EDT	600	3.2	CAD	TSX
April 26, 2019	14:13:44	EDT	3500	3.2	CAD	TSX
April 26, 2019	14:13:44	EDT	1000	3.2	CAD	TSX
April 26, 2019	14:13:44	EDT	700	3.2	CAD	NEO
April 26, 2019	14:14:01	EDT	2300	3.2	CAD	TSX
April 26, 2019	14:14:01	EDT	100	3.2	CAD	TSX
April 26, 2019	14:14:32	EDT	500	3.2	CAD	TSX
April 26, 2019	14:14:32	EDT	500	3.2	CAD	NEO
April 26, 2019	14:21:55	EDT	100	3.21	CAD	TSX
April 26, 2019	14:21:55	EDT	100	3.21	CAD	TSX
April 26, 2019	14:21:55	EDT	600	3.21	CAD	TSX
April 26, 2019	14:21:55	EDT	100	3.21	CAD	TSX
April 26, 2019	14:21:55	EDT	700	3.21	CAD	TSX
April 26, 2019	14:29:06	EDT	400	3.22	CAD	TSX
April 26, 2019	14:29:06	EDT	2400	3.22	CAD	TSX
April 26, 2019	14:29:06	EDT	400	3.22	CAD	TSX

April 26, 2019	14:45:37	EDT	400	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	600	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	600	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	1300	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	300	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	700	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	500	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	800	3.22	CAD	TSX
April 26, 2019	14:45:37	EDT	300	3.22	CAD	TSX
April 26, 2019	14:54:50	EDT	300	3.22	CAD	TSX
April 26, 2019	14:54:50	EDT	400	3.22	CAD	TSX
April 26, 2019	14:54:50	EDT	700	3.22	CAD	TSX
April 26, 2019	14:54:50	EDT	1000	3.22	CAD	TSX
April 26, 2019	14:54:50	EDT	100	3.22	CAD	TSX
April 26, 2019	14:54:50	EDT	600	3.22	CAD	TSX
April 26, 2019	15:02:59	EDT	200	3.22	CAD	Pure
April 26, 2019	15:02:59	EDT	100	3.22	CAD	Omega
April 26, 2019	15:02:59	EDT	300	3.22	CAD	Pure
April 26, 2019	15:02:59	EDT	100	3.22	CAD	Omega
April 26, 2019	15:02:59	EDT	1500	3.22	CAD	Omega
April 26, 2019	15:03:00	EDT	100	3.22	CAD	Omega
April 26, 2019	15:03:00	EDT	100	3.22	CAD	Omega
April 26, 2019	15:06:33	EDT	100	3.21	CAD	NEO
April 26, 2019	15:08:15	EDT	100	3.21	CAD	NEO
April 26, 2019	15:11:13	EDT	200	3.22	CAD	TSX
April 26, 2019	15:11:13	EDT	1000	3.22	CAD	TSX
April 26, 2019	15:11:13	EDT	900	3.22	CAD	TSX
April 26, 2019	15:11:13	EDT	700	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	400	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	800	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	1500	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	400	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	1000	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	300	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	1800	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	700	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	900	3.22	CAD	TSX
April 26, 2019	15:11:25	EDT	25	3.22	CAD	TSX