

Insider Trading Summary This summary stars with each inside's opening balance as of July 1, 2010, or the effective date in which the individual became an insider. Balance includes shares held by individual directly, or indirectly, or by entities which he or she controls, unless otherwise noted.

			1 -		Transaction Detail				Onen's Dai	Closing Balance (shares)
Name	Position	Date	Trade	Ownership	Comment	Number of Shares	Price per share	Value	Opening Balance (shares)	
Don Gray	Chairman	01-Jul-10	Туре	Type Direct/Indirect	Opening Balance	Sildres	Price per share	value	(silates)	2,101,840
Don Gray	Chairman	09-Jul-10	Buy	Direct/Indirect	Private Placement	666,666	\$ 3.75	\$ 2,499,998	2,101,840	2,768,506
Don Grav	Chairman	04-Sep-13	Buy	Direct/Indirect	Grev Market	30,000	\$ 2.20	\$ 66,000	2,768,506	2,798,506
Don Gray	Chairman	13-Sep-13	Buy	Direct/Indirect	Grey Market	50,000	\$ 2.50	\$ 125,000	2,798,506	2,848,506
Don Gray	Chairman	19-Sep-13	Buy	Direct/Indirect	Grey Market	100,000	\$ 2.50	\$ 250,000	2,848,506	2,948,506
Don Gray	Chairman	08-Oct-13	Buy	Direct/Indirect	Grey Market	33,333	\$ 2.65	\$ 88,332	2,948,506	2,981,839
Don Gray	Chairman	10-Oct-13	Buy	Direct/Indirect	Grey Market	100,000	\$ 2.75	\$ 275,000	2,981,839	3,081,839
Don Gray	Chairman	20-Nov-13	Buy	Direct/Indirect	Market	100,000	\$ 2.59	\$ 258,920	3,081,839	3,181,839
Don Gray	Chairman	21-Nov-13	Buy	Direct/Indirect	Market	48,100	\$ 2.69	\$ 129,389	3,181,839	3,229,939
Don Gray	Chairman	25-Nov-13	Buy	Direct/Indirect	Market	50,000	\$ 3.00	\$ 150,000	3,229,939	3,279,939
Don Gray	Chairman	29-Nov-13	Buy	Direct/Indirect	Market	50,000	\$ 3.21	\$ 160,500	3,279,939	3,329,939
Don Gray	Chairman	16-Jun-14	Sell	Direct/Indirect	Market	200,000	\$ 5.50	\$ 1,100,000	3,329,939	3,129,939
Don Gray	Chairman	19-Aug-14	Sell	Direct/Indirect	Market	200,000	\$ 5.30	\$ 1,059,220	3,129,939	2,929,939
Don Gray	Chairman	02-Oct-14	Buy	Direct/Indirect	Market	30,000	\$ 4.35	\$ 130,500	2,929,939	2,959,939
Don Gray	Chairman	07-Oct-14	Buy	Direct/Indirect	Market	30,000	\$ 4.46	\$ 133,773	2,959,939	2,989,939
Don Gray	Chairman	05-Dec-14	Buy	Direct/Indirect	Market	26,500	\$ 2.76	\$ 73,140	2,989,939	3,016,439
Don Gray	Chairman	12-Dec-14	Buy	Direct/Indirect	Market	29,800	\$ 2.04	\$ 60,792	3,016,439	3,046,239
Don Gray	Chairman	30-Nov-15	Buy	Direct/Indirect	Bought Deal	533,334	\$ 0.75	\$ 400,001	3,046,239	3,579,573
Don Gray	Chairman	17-Dec-15	Sell	Direct/Indirect	Market	325,422	\$ 0.485	\$ 157,830	3,579,573	3,254,151
Don Gray	Chairman	17-Dec-15	Buy	Direct/Indirect	Market	325,422	\$ 0.485	\$ 157,830	3,254,151	3,579,573
Don Gray	Chairman	29-Jun-16	Buy	Direct/Indirect	Bought Deal	714,286	\$ 0.70	\$ 500,000	3,579,573	4,293,859
Don Gray	Chairman	29-Aug-16	Transfer	Indirect	Fund Transfer	939,277	\$ 0.71	\$ 666,887	4,293,859	3,354,582
Don Gray	Chairman	02-Sep-16	Sell	Indirect	Market	37,657	\$ 0.71	\$ 26,736	3,354,582	3,316,925
Don Gray	Chairman	01-Dec-16	Buy	Direct	Private Purchase	42,845	\$ 0.82	\$ 35,133	3,316,925	3,359,770
Don Gray	Chairman	02-Dec-16	Transfer	Indirect	Fund Transfer	1,012,816	\$ 0.84	\$ 850,765	3,359,770	2,346,954
Don Gray	Chairman	02-Dec-16	Buy	Indirect	Fund Transfer	1,907,046	\$ 0.84	\$ 1,601,919	2,346,954	4,254,000
Don Gray	Chairman	02-Dec-16	Buy	Direct	Fund Transfer	142,723	\$ 0.84	\$ 119,887	4,254,000	4,396,723
Don Gray	Chairman	28-Jun-17	Buy	Direct	Market	91,000	\$ 0.70	\$ 63,700	4,396,723	4,487,723
Don Gray	Chairman	11-Aug-17	Buy	Direct	Market	200,000	\$ 0.74	\$ 148,000	4,487,723	4,687,723
Don Gray	Chairman	06-Sep-17	Buy	Direct	Market	200,000	\$ 0.74	\$ 148,000	4,687,723	4,887,723
Don Gray	Chairman	07-Sep-17	Buy	Direct	Market	113,000	\$ 0.71	\$ 80,230	4,887,723	5,000,723
Don Gray	Chairman	08-Sep-17	Buy	Direct	Market	87,000	\$ 0.71	\$ 61,770	5,000,723	5,087,723
Don Gray	Chairman	27-Sep-17	Buy	Direct	Option Purchase	35,929	\$ 0.71	\$ 25,510	5,087,723	5,123,652
Don Gray	Chairman	15-Dec-17	Buy	Direct	Market	350,000	\$ 0.82	\$ 287,000	5,123,652	5,473,652
Don Gray	Chairman	12-Jan-18	Buy	Direct	Market	400,000	\$ 0.99	\$ 396,000 \$ 390,940	5,473,652	5,873,652
Don Gray	Chairman	16-May-18	Buy	Direct	Market	355,400	\$ 1.10	+	5,873,652	6,229,052
Don Gray	Chairman	25-May-18	Buy	Direct	Market	132,300	\$ 1.07	\$ 141,561	6,229,052	6,361,352
Don Gray	Chairman	23-Aug-18	Buy	Direct	Option Purchase	35,929	\$ 0.71 \$ 0.69	\$ 25,510 \$ 36,570	6,361,352	6,397,281
Don Gray	Chairman	23-Aug-18	Buy	Direct	Option Purchase	53,000	\$ 0.69 \$ 0.61	ç 30,570	6,397,281	6,450,281
Don Gray	Chairman Chairman	29-May-19	Buy	Direct	Market	2,550,000	\$ 0.49	+	6,450,281 6,557,281	6,557,281 9,107,281
Don Gray	Chairman	22-Aug-19	Buy	Direct	Market	2,550,000	\$ 0.49	\$ 1,249,500	0,557,281	9,107,281
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Ingram Gillmore	President & CEO	01-Jul-10		Direct	Opening Balance				400,000	400,000
Ingram Gillmore	President & CEO	29-Mar-11	Buy	Direct	Grey Market	25,000	\$ 3.00	\$ 75,000	400,000	425,000
Ingram Gillmore	President & CEO	13-Apr-12	Buy	Direct	Award	35,000	\$ 2.50	\$ 87,500	425,000	460,000
Ingram Gillmore	President & CEO	01-Apr-13	Buy	Direct	Award	16,000	\$ 2.50	\$ 40,000	460,000	476,000
Ingram Gillmore	President & CEO	20-Nov-13		Direct	Market	24,000			476,000	500,000
Ingram Gillmore	President & CEO	03-Oct-14	Buy	Direct	Market	45,000		\$ 201,447	500,000	545,000
Ingram Gillmore	President & CEO	19-Mar-15	Buy	Direct	Market	16,055	\$ 1.65	\$ 26,491	545,000	561,055
Ingram Gillmore	President & CEO	13-Aug-15	Buy	Direct	Market	9,000	\$ 1.33	\$ 11,970	561,055	570,055
Ingram Gillmore	President & CEO	20-Aug-15	Buy	Direct	Market	10,000	\$ 0.99	\$ 9,947	570,055	580,055
Ingram Gillmore	President & CEO	30-Nov-15	Buy	Direct	Bought Deal	180,000	\$ 0.75	\$ 135,000	580,055	760,055
Ingram Gillmore	President & CEO	09-Dec-15	Buy	Direct	Market	81,500	\$ 0.50	\$ 40,750	760,055	841,555
Ingram Gillmore	President & CEO	29-Jun-16	Buy	Direct	Bought Deal	107,143	\$ 0.70	\$ 75,000	841,555	948,698
Ingram Gillmore	President & CEO	26-Sep-16	Buy	Direct	Market	97,000	\$ 0.70	\$ 67,900	948,698	1,045,698
Ingram Gillmore	President & CEO	26-May-17	Buy	Direct	Market	22,500	\$ 0.78	\$ 17,550	1,045,698	1,068,198
Ingram Gillmore	President & CEO	29-May-17	Buy	Direct	Market	31,802	\$ 0.78	\$ 24,806	1,068,198	1,100,000
Ingram Gillmore	President & CEO	20-Jun-17	Buy	Direct	Market	91,500	\$ 0.62	\$ 56,730	1,100,000	1,191,500
Ingram Gillmore	President & CEO	24-Nov-17	Buy	Direct	Market	8,500	\$ 0.80	\$ 6,800	1,191,500	1,200,000
Ingram Gillmore	President & CEO	27-Sep-18	Buy	Direct	Option Purchase	86,752	\$ 1.17	\$ 101,500	1,200,000	1,286,752
Ingram Gillmore	President & CEO	27-Sep-18	Buy	Direct	Option Purchase	30,552	\$ 1.17	\$ 35,746	1,286,752	1,317,304
Ingram Gillmore	President & CEO	13-Nov-18	Buy	Direct	Market	53,340	\$ 0.60	\$ 31,844	1,317,304	1,370,644
Ingram Gillmore	President & CEO	08-Apr-19	Buy	Direct	Option Purchase	6,608	\$ 0.79	\$ 5,220	1,370,644	1,377,252
Ingram Gillmore	President & CEO	11-Apr-19	Sell	Direct	Market	6,608	\$ 0.76	\$ 5,022 \$ 11,000	1,377,252	1,370,644
Ingram Gillmore	President & CEO	12-Jul-19	Buy	Direct	Market	20,000	\$ 0.55	\$ 11,000	1,370,644	1,390,644
Ingram Gillmore	President & CEO	16-Aug-19	Buy	Direct	Market	9,356	\$ 0.43	\$ 3,976	1,390,644	1,400,000
Harny English	Director	05-Jun-14	Buy	Direct	Market	10,000	\$ 5.33	\$ 53,300	-	10,000
Harry English Harry English						33,334	\$ 0.75	\$ 25,001	10,000	43,334

Instrum Table and book Note of the second s	Name	Position				Transaction Detail						
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Sort Rebord Descri High Heigh None High Heigh H	Harry English	Director	18-Sep-18	Sell	Direct	Market	20,074	\$ 1.1	2 \$	22,483	63,408	43,334
Store House House <th< td=""><td></td><td></td><td></td><td></td><td>L</td><td></td><td>1</td><td>1</td><td></td><td></td><td></td><td></td></th<>					L		1	1				
Social Balance Precise Harring in the second in the secon	Scott Robinson	Director	12-Jul-19	Buy	Direct	Market	39,000	\$ 0.5	5\$	21,356	-	39,000
Soch Kleiner Preder Moriet 2000 5 0.00 9.000	Scott Robinson	Director	15-Jul-19	Buy	Direct	Market	5,000	\$ 0.5	4 \$	2,700	39,000	44,000
March Wang, ¹¹ Director Johnson J. Director Market Topological Status Johnson J. Director Johnson J. Director Market Topological Status Johnson J. Director Market Topological Status Johnson J. Johnson J. Director Market Johnson J. Director Market Johnson J. Johnson J. <th< td=""><td>Scott Robinson</td><td>Director</td><td>14-Aug-19</td><td>Buy</td><td>Direct</td><td>Market</td><td>5,000</td><td>\$ 0.4</td><td>7\$</td><td>2,350</td><td>44,000</td><td>49,000</td></th<>	Scott Robinson	Director	14-Aug-19	Buy	Direct	Market	5,000	\$ 0.4	7\$	2,350	44,000	49,000
Witch Weig Prece Prece Market 77.828 5 0.8 5 3.20 4.27.05 4.37.05 Oxel Hancey O'Flanze A (O') 3.304:1 By Bren Grey Market 462.00 \$ 3.18 \$ 1.08.01 Bren Bren Grey Market 3.00.01 Bren	Scott Robinson	Director	16-Sep-19	Buy	Direct	Market	20,000	\$ 0.5	2 \$	10,400	49,000	69,000
Witch Weig Prece Prece Market 77.828 5 0.8 5 3.20 4.27.05 4.37.05 Oxel Hancey O'Flanze A (O') 3.304:1 By Bren Grey Market 462.00 \$ 3.18 \$ 1.08.01 Bren Bren Grey Market 3.00.01 Bren							1					
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Dote: Derect Grey Masset 13.000 S. 220 S. 79:200 69:200 13.000 Dote: Avaard 15.570 S. 220 S. 79:200 69:200 13.000 Dote: Avaard 15.570 S. 220 S. 79:20 S. 79:200 13.66:00 13.66 Dote: Avaard 15.570 S. 220 S. 79:200 13.66:00 13.66 Dote: Market 17.000 S. 220 S. 79:200 13.66:00	Wilson Wang ⁽¹⁾	Director	16-Aug-19		Direct	Market	76,998	\$ 0.4	3\$	33,109	4,207,618	4,130,620
Dote: Derect Grey Masset 13.000 S. 220 S. 79:200 69:200 13.000 Dote: Avaard 15.570 S. 220 S. 79:200 69:200 13.000 Dote: Avaard 15.570 S. 220 S. 79:20 S. 79:200 13.66:00 13.66 Dote: Avaard 15.570 S. 220 S. 79:200 13.66:00 13.66 Dote: Market 17.000 S. 220 S. 79:200 13.66:00												
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Dard Hong OF Finance & GYO Ø Jayn 23 Bay Direct Moret 137,20 2 2 5 33.75 110,500 132,400 131,400 David Hong O'Finance & O'O 16,404/31 Bay Direct Murket 7,000 5 5.03 5 332,400 131,400 David Hong O'Finance & O'O 10,01.01 Bay Direct Murket 12000 5 2.13 5,35,400 723,30 Opid Hong O'Finance & O'O Obid Bay Direct Murket 12000 5 2.13 5 35,460 723,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 623,30 624,22 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,002,42 1,00				Buy	Direct					-		100,000
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David Hwang VP France & GO Observed Bough Deal David Hwang VP France & GO 23b/bit 271,200 283,200 683,300 <	0						<i>,</i>	τ				271,300
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David Hwang V Frances & CrO 0 70ex 71 Sell Direct Option Purchase 0 A00 S 0.81 0 B1, 20 1 B1, 20 0 B1, 20 <	David Hwang	VP Finance & CFO	29-Jun-16	Buy	Direct	Bought Deal	171,429	\$ 0.7	0\$	120,000	683,300	854,729
David Hwang VP Finunce & CTO 0:0-06:18 Bay Direct Option Purchase 62,333 5 1.20 5 7.506 954,729 1.017,282 1.040,633 David Hwang VP Finunce & CTO 1.3-Apr.13 Bay Direct Option Purchase 5,338 5 0.82 5 4.415 1.040,633 1.040,633 Van Chretien VP Land 1.3-Sp1.01 Bay Direct Prinste Placement 1.5.000 \$ 3.75 \$ 5.92.03 3.0000 1.5.00 2.00 1.040,633 1.040,733 1.041,743 1.041,743 1.041,743 1.041,743 1.041,743 1.041,743 1.041,743		VP Finance & CFO		Buy	Direct			τ • ··				1,038,729
Opered Hwang VP Finance & CTO 0.1-02.33 Bay Direct Option Purchase 5.3.335 5 1.02 5.2.8.01 1.01/2.82 1.040.635 Van Chretien VP Land 1.5.6ep-10 Bay Direct Private Pacement 1.5.000 \$ 3.7.5 \$ 5.6.250 - 1.05.00 Van Chretien VP Land 1.3.6ep-12 Bay Direct Award 2.25.05 \$ 6.4.58 2.7.00 \$ 5.8.250 - 1.05.00 5.2.30 \$ 5.2.50 5.2.50 \$ 5.2.50 5.2.575 5.2.50	-											954,729
David Hwang VP Finance & CFO 12.Agr-13 Buy Direct Option Purchase 5,384 5 0.82 5 4.415 1.040,633 1.046,63 Van Chretien VP Land 13.58p-10 Buy Direct Private Placement 13.000 5 3.75 5 5.620 5 30.000 12.000 5 2.50 5 30.000 12.000 5 2.50 5 30.000 12.000 5 2.50 5 30.000 12.000 5 2.50 5 30.000 12.000 5 2.50 5 30.000 12.000 5 2.50 5 5.13.1 5 0.620 5 5.13.1 5 0.620 5 7.51.3 3.33.7 2.20.001 30.728 31.31.5 11.31.5 61.027 5 31.33.7 32.00 3.51.37 5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5 11.32.5	-						, · · · · ·					, ,
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Vran Chretien VP land 05-Oct 88 Bayr Direct Option Purchase 15.955 \$ 1.13 \$ 3.03.738 3.03.738 3.03.738 Van Chretien VP Land 12-Apr.19 Bayr Direct Option Purchase 5.519 \$ 0.428 \$ 4.526 3.18.73 3.224.2 Jason Kaluski VP Operations 13-Apr.12 Buyr Direct Grey Market 10.000 \$ 3.75 \$ 4.1200 . 11.000 Jason Kaluski VP Operations 13-Apr.12 Buyr Direct Award 23.400 \$ 2.50 \$ 5.8,500 21.000 44.4 Jason Kaluski VP Operations 01-Apr.13 Buyr Direct Award 11.000 \$ 2.50 \$ 5.45,50 6.2,72,53 4.4,400 5.4 Jason Kaluski VP Operations 12-Apr.14 Buyr Direct Market 5.000 \$ 2.51,00 8.02,50 8.2,50 9.02,50 9.2,51,00 Bason Kalu						· · · ·	· · · · ·					250,001
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Ison Kaluski VP Operations 10-Mar-11 Buy Direct Private Placement 11,000 \$ 3.75 \$ 41,250 . 11,00 Jason Kaluski VP Operations 13-Jun-11 Buy Direct Grey Market 10,000 \$ 3.15 \$ 5 31,500 21,000 24,100 23,400 \$ 2.50 \$ 58,500 21,000 44,4 Jason Kaluski VP Operations 01,4yr-13 Buy Direct Market 6,800 \$ 2.61 \$ 7,748 55,450 62,250 \$ 88,500 21,000 44,4 Jason Kaluski VP Operations 22,4wo-13 Buy Direct Market 6,800 \$ 2.61 \$ 7,748 55,45.00 62,250 80,250 80,2 Jason Kaluski VP Operations 13,4wo-14 Buy Direct Market 5,000 \$ 2,450 82,250 90,2 Jason Kaluski VP Operations 13,4wo-14 Buy Direct Market 2,600 \$ 0,705 2,479 90,250 92,91 Jason Kaluski VP Operations	Yvan Chretien	VP Land	05-Oct-18	Buy	Direct	Option Purchase	15,995	\$ 1.1	3\$	18,074	302,738	318,733
Jason Kaluski VP Operations 13-Jun-11 Buy Direct Grey Market 10,000 \$ 3.15 \$ 3.15,00 11,000 21,0 Jason Kaluski VP Operations 13-Apr-12 Buy Direct Award 23,400 \$ 2.50 \$ 2.50 \$ 2.50 \$ 2.50 \$ 2.762 44,40 Jason Kaluski VP Operations 21-Mov-13 Buy Direct Market 6,800 \$ 2.50 \$ 2.762 44,400 55,4 Jason Kaluski VP Operations 28-May-14 Buy Direct Market 6,800 \$ 2.50 \$ 2.762 44,400 66,2250 80,2 Jason Kaluski VP Operations 12-Sep-14 Buy Direct Market 5,000 \$ 2.50 \$ 5,2,00 80,250 82,25 Jason Kaluski VP Operations 19-Aug-15 Buy Direct Market 5,000 \$ 2.4,750 92,2910 125,90 Jason Kaluski VP Operations 29-Mov-15 Buy Direct Bought Deal 33,000 \$ 0.77 \$ 4,751 16,8,7 <td>Yvan Chretien</td> <td>VP Land</td> <td>12-Apr-19</td> <td>Buy</td> <td>Direct</td> <td>Option Purchase</td> <td>5,519</td> <td>\$ 0.8</td> <td>2 \$</td> <td>4,526</td> <td>318,733</td> <td>324,252</td>	Yvan Chretien	VP Land	12-Apr-19	Buy	Direct	Option Purchase	5,519	\$ 0.8	2 \$	4,526	318,733	324,252
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Jason Kaluski VP Operations 01-Apr-13 Buy Direct Award 11,050 \$ 2.50 \$ 27,625 44,400 55,4 Jason Kaluski VP Operations 21-Nov-13 Buy Direct Option Purchase 18,000 \$ 2.50 \$ 27,625 44,400 55,450 6.2,2 Jason Kaluski VP Operations 12-Sep-14 Buy Direct Option Purchase 18,000 \$ 5.00 \$ 5,200 80,220 88,22 38,200 38,520 89,20 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 90,22 38,520 92,2910 125,910 168,76 1125,910 168,76 1125,910 168,76 117,5 5 6,473 3,0001 125,910 <				Buy	Direct		· · · · · · · · · · · · · · · · · · ·	Ŧ		,		21,000
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Dustin Ressler VP Exploration 27-Sep-18 Buy Direct Option Purchase 27,398 \$ 1.17 \$ 32,056 42,429 69,8 Dustin Ressler VP Exploration 02-Oct-18 Buy Direct Option Purchase 13,916 \$ 1.20 \$ 16,699 69,827 83,77 Dustin Ressler VP Exploration 12-Apr-19 Buy Direct Option Purchase 3,074 \$ 0.82 \$ 2,521 83,743 86,8												
Dustin Ressler VP Exploration 02-Oct-18 Buy Direct Option Purchase 13,916 \$ 1.20 \$ 16,699 69,827 83,7 Dustin Ressler VP Exploration 12-Apr-19 Buy Direct Option Purchase 3,074 \$ 0.82 \$ 2,521 83,743 86,8	Dustin Ressler	VP Exploration	09-Nov-16		Direct	Opening Balance	42,429				-	42,429
Dustin Ressler VP Exploration 12-Apr-19 Buy Direct Option Purchase 3,074 \$ 0.82 \$ 2,521 83,743 86,8	Dustin Ressler	VP Exploration	27-Sep-18	Buy	Direct	Option Purchase	27,398		_			69,827
												83,743
									_			86,817 83,743
			10-Abi-18	Jell	Dilett	INGINEL	3,074	ر.ل ب	∠ Ŷ	2,428	00,017	63,743

Notes
(1) This total includes 3,446,058 Common Shares held by entities affiliated with Twin Peaks Capital LLC an investment firm which is controlled or directed, directly or indirectly by Mr. Wang.
The remaining Common Shares are controlled directly or indirectly by Mr. Wang.