



INVESTOR QUARTERLY CANADIAN OIL & GAS COMPARISON

Interim iQ Report

2012 Year-End Comparison of Canada's Oil and Gas Explorers and Producers

Bryan Mills Iradesso is releasing this interim iQ Report in advance of its Q1 2013 iQ Report scheduled for distribution in late June 2013.

JUNE 2013

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RELEASE SCHEDULE

Q1 2013 iQ Release: Late June 2013

ASSUMPTIONS

- Barrels of oil equivalent calculated using 6 mcf = 1 boe.
- Net debt has been calculated by including bank debt, debentures, preferred convertible shares and working capital.
- For companies with A/B share structures, B shares have been converted to A shares using end-of-period share prices.
- Exchangeable shares have been converted to common shares using end-of-period exchange ratios.

DISCLAIMER

The information used to compile this report is publicly available. Bryan Mills Iradesso provides the comparison to shine the spotlight on these segments of the energy industry, and to communicate the achievements and growth potential of the oil and gas companies. The iQ Report does not constitute a solicitation or recommendation for the purchase or sale of any security; it is provided for information only and is not intended to serve as investment advice. Bryan Mills Iradesso cannot be held responsible for accuracy and all readers are encouraged to conduct their own research. This report is provided by Bryan Mills Iradesso as a service to the reader without responsibility for accuracy. Bryan Mills Iradesso must be credited with developing the iQ Report if any part of it is reproduced.

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introduction

This 2012 year-end comparison of Western Canada's oil and gas producers is a special edition of Bryan Mills Iradesso's quarterly iQ Report. We do not usually publish a year-end report because public oil and gas companies only release a limited amount of data for the fourth quarter and only one month separates the year-end filing deadline from the first quarter filing deadline. This year, however, we've decided to publish this abbreviated report in advance of our Q1 2013 iQ Report because the information is gold when it comes to valuing companies. This is the only time of year when reserves reports are relatively current, allowing us to generate a simplified estimate of each company's net asset value per share.

The other year-end metrics we're able to compare include production, reserve life indices, acreage, enterprise value and share price returns. We will repeat some of these charts in our next iQ Report, which will be published in late June 2013.

For the purpose of our comparison, we've defined the intermediate sector as conventional companies that focus on Western Canada and have average production between 10,000 and 100,000 barrels of oil equivalent per day (boe/d). We've defined juniors as companies with average daily production between 500 and 10,000 boe/d.

We welcome your feedback. Our report is unique and valuable because we include every company that meets the criteria. Don't hesitate to let us know about companies that appear to be missing by sending a message to ircontact@bmir.com...

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Geoffrey Vanderburg Editor, iQ Report June 1, 2013

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COMPARISON

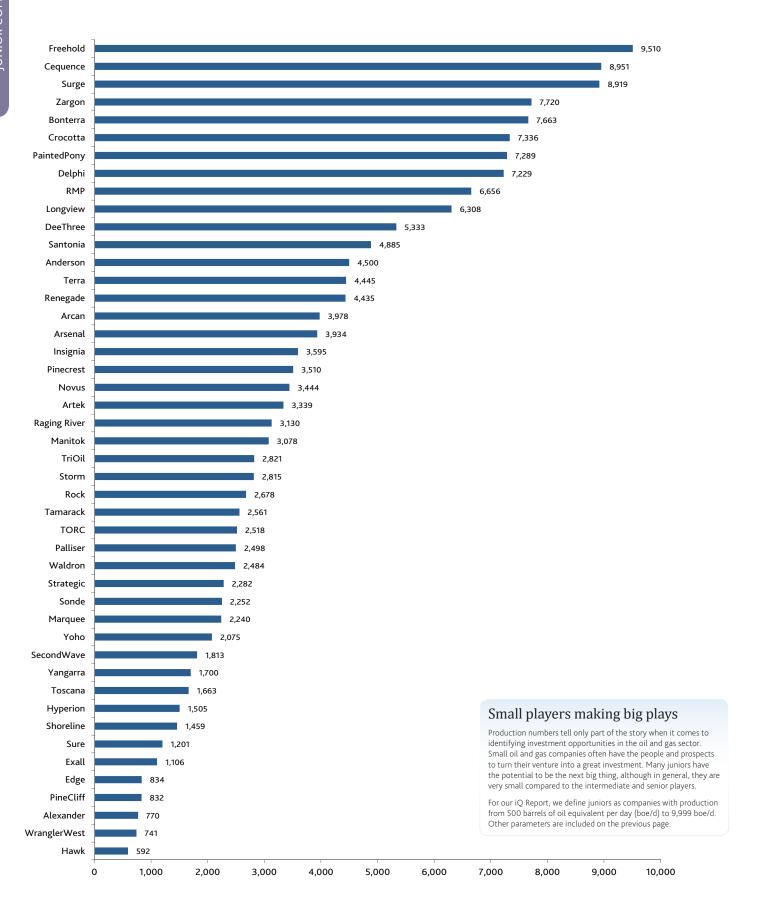
junior oil & gas companies

> INCLUSION CRITERIA

- · Primary business must be oil and gas exploration, development and production
- Q4 2012 production must fall between 500 and 10,000 barrels of oil equivalent per day (boe/d)
- · Majority of production must be from Western Canada
- Must be publicly traded on the TSX or TSX Venture Exchange

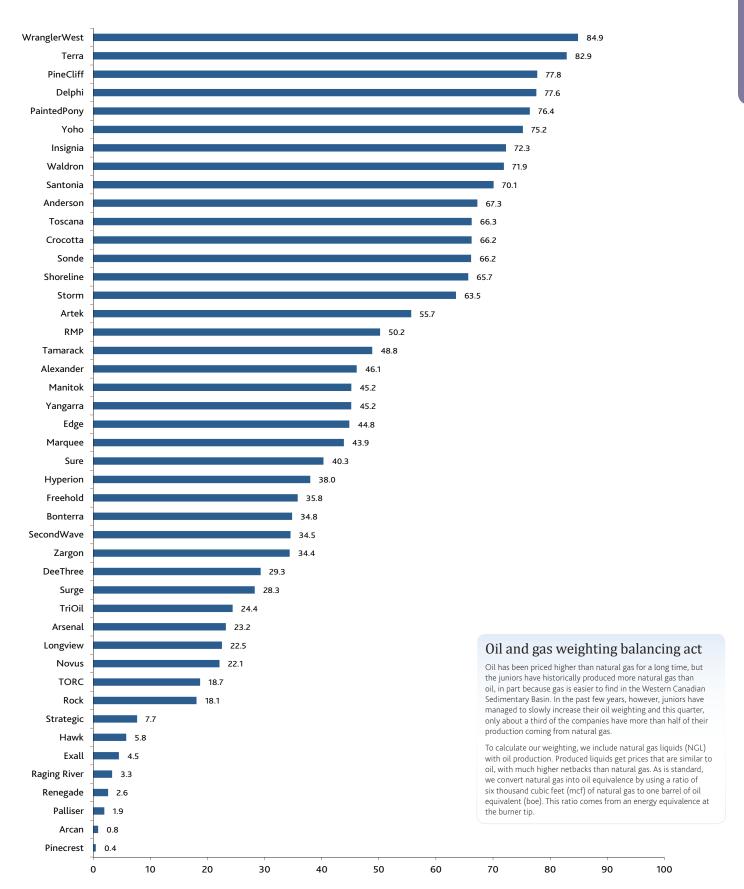
Q4 2012 PRODUCTION (BOE/D)

Median = 2,950 boe/d



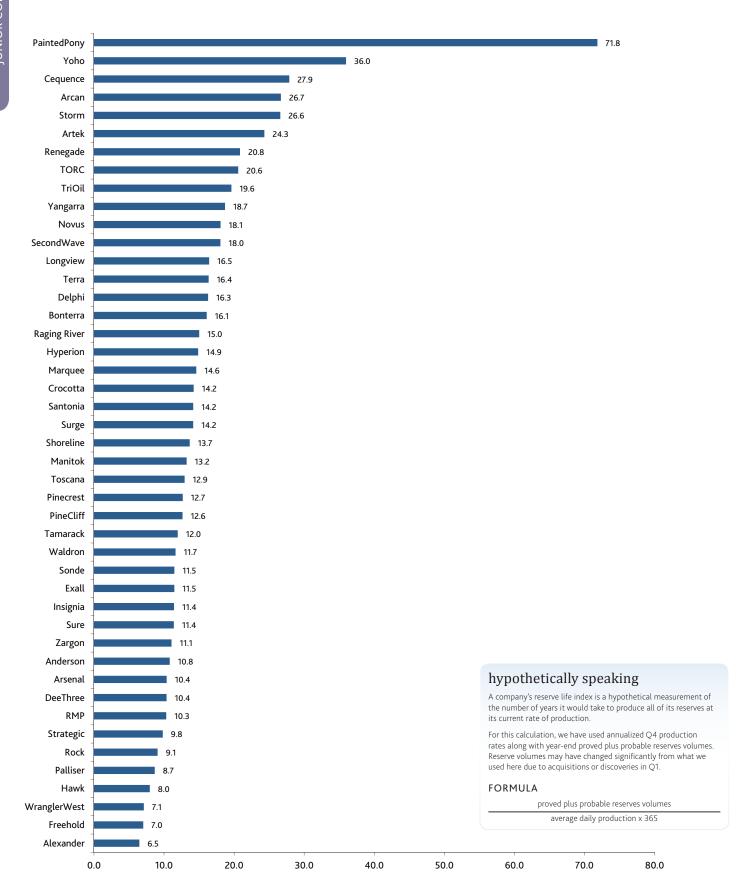
Q4 2012 GAS WEIGHTING (%)

Median = 44.4%



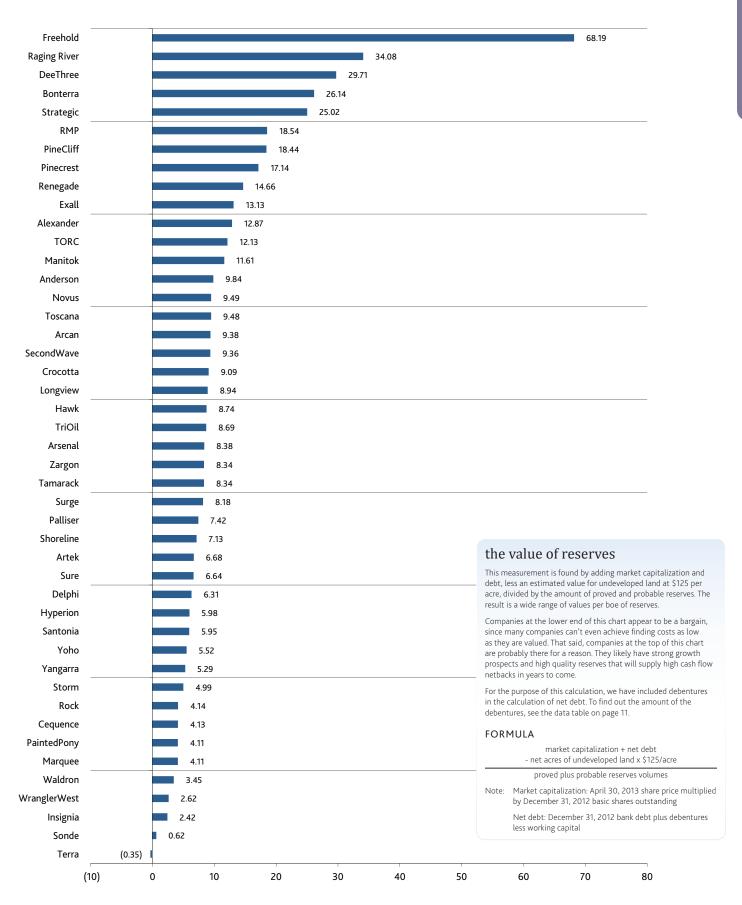
RESERVE LIFE INDICES (YEARS)

Median = 13.7 years



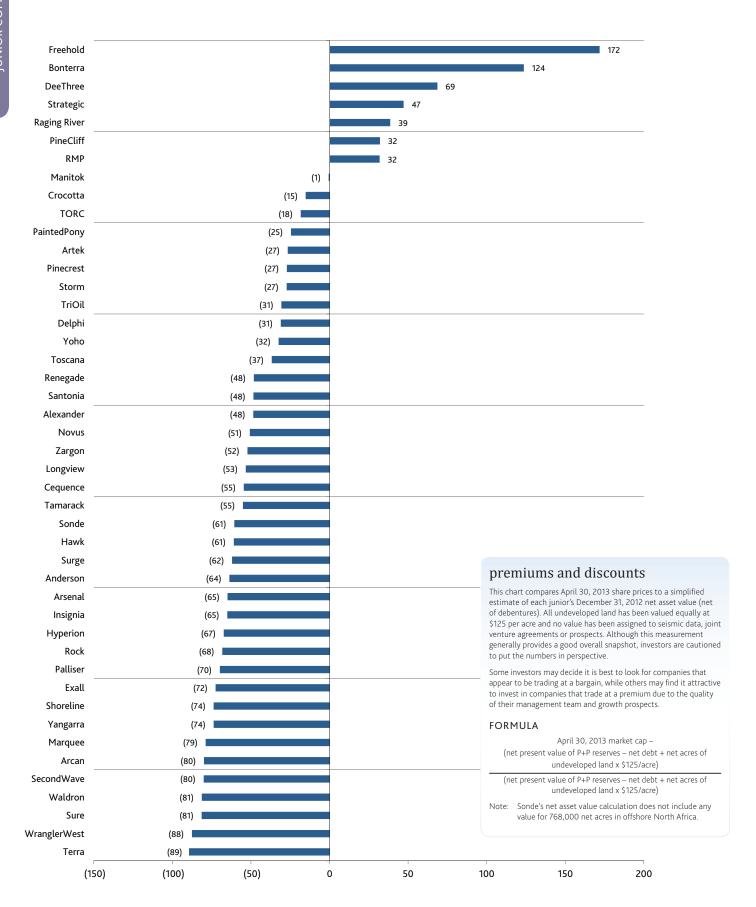
ENTERPRISE VALUE (LESS LAND VALUE) VERSUS RESERVES (\$/BOE)

Median = \$8.38/boe



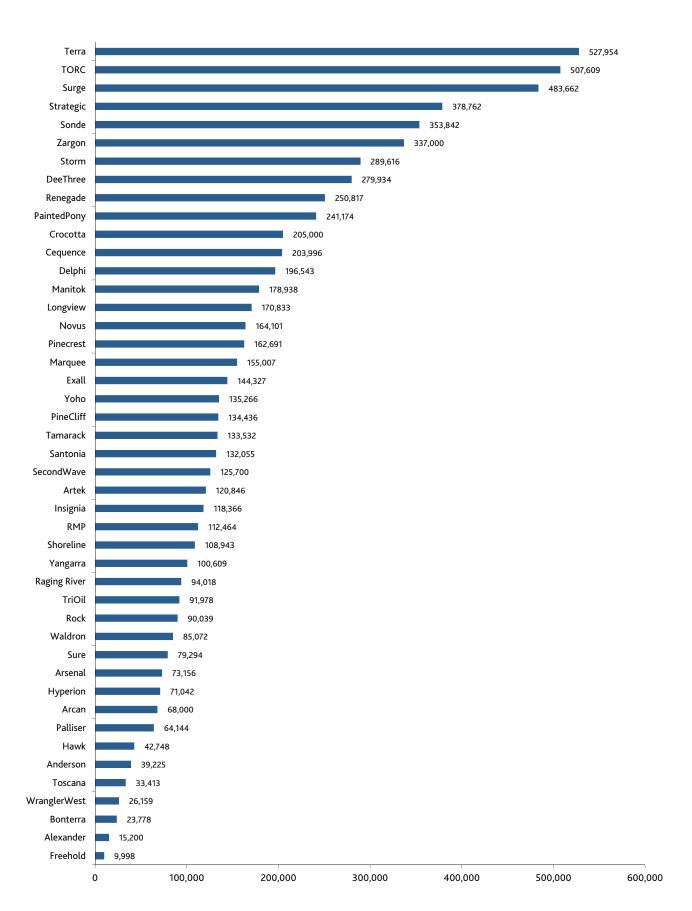
PERCEIVED TRADING PREMIUM TO SIMPLIFIED NET ASSET VALUE ESTIMATE (%)

Median = (52)%



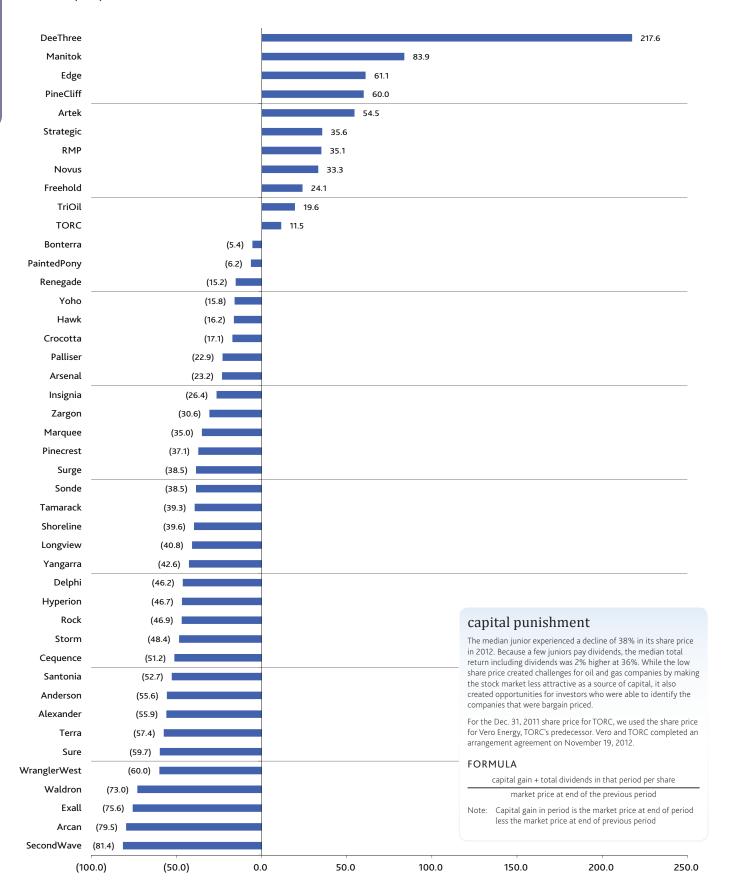
YEAR END UNDEVELOPED LAND (NET ACRES)

Median = 132,055 net acres



TOTAL RETURN (SHARE PRICE CHANGE PLUS DIVIDENDS) (%)

Median = (36.1)%



JUNIOR DATA TABLE

Stock Stoc												Simplified year-end NAV per share using		
Stock						Dec 31/12 proved			Dec 31/12			10% NPV 2P		
Company Secology			Stock				Dec 31/12							
Charle														
Company Security Company Security Company Security Company Security Company Security Company Security Company														Apr 30 EV less
All	C													
Andrean Bisun Dau AXLT 0.77 4.500 17/70 224826 39.25 172.550 64.331 86.753 0.45 (64) 9.74 Arcan Terry McCorp Alh-T 0.42 3.394 14.899 245.940 73.166 155.048 68.491 0 1.20 (65) 8. Artrak Dury Metecale HTK-T 318 3.399 24.693 275.357 120.846 68.491 0 1.20 (65) 8. Artrak Dury Metecale HTK-T 318 3.399 24.693 275.357 120.846 68.491 0 1.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 675.357 120.846 68.491 0 1.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 675.357 120.846 68.491 0 1.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 68.5000 2.27.357 120.846 68.491 0 1.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 68.5000 2.27.357 120.846 68.491 0 1.50 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 68.5000 2.27.350 10.500 88.500 88.251 80.102 0 3.85 10.50 12.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 68.5000 2.27.350 10.500 88.251 80.102 0 3.85 10.50 12.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 68.5000 2.27.350 10.500 88.251 80.102 0 3.85 10.50 12.20 (65) 8. Bistletteria Georgic HM BNET 49.44 7.650 48.5022 69.500 89.500 10.75 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.														12.87
Arramal Terry McCoy ABN-V 0.64 3,978 BB/309 611,000 68,000 97,860 150,007 144,117 3.18 (80) 9.7. Arramal Tony was Winksop ABI-T 0.42 3,334 14,899 245,940 173,156 68,91 0 1.20 (65) 8. Artak Danyi Mccalle RTK-T 3.18 3,339 226,939 227,337 120,846 151,621 48,913 0 4.33 (27) 6.6 Bonderran George Fisik BN-ET 49,44 7,663 45,022 632,900 23,778 199,010 159,774 0 22,10 124 26. Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 91,086 797,124 203,996 200,610 50,328 0 3.85 (65) 4.6 Cequerce Paul Washin Cleft 1.75 8,951 92,000 92,000 92,000 92,000 93,						, .								9.84
Artisk Darry Metcale														9.38
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Crocata Robert Zaleriesty CFA-T 3.27 7.336 38.112 398.543 205.000 89.261 80,112 0 3.85 (15) 9.90						-,					-			26.14
DeePrive Martin Cleyne DixT 7.84 5.333 20,188 373,009 279,934 71,080 77,586 0 4.65 69 29, 50 69 69 69 69 69 69 69 6		•									-			4.13
Delphi David Reid											-			9.09
Edge Brad Nichol EDE-V 0.18 83.4 n/a											-			
Exam Roger Duck Et-T 0.30 1,106 4,629 112,534 144,327 66,635 38,383 20,57 1,07 (72) 13. Freehold William Ingram FRU-T 24.52 9,510 24,425 63,8312 9,998 66,270 41,897 0 9,002 172 68. Hawk Stew Fittmanric HWK-AV 0.44 5.95 1,725 39,213 42,748 34,481 4,906 0 1,15 (61) 61.											-			6.31 n/a
Freehold William Ingram FRUT 24.52 9.510 24.425 638.312 9.998 66.270 41.897 0 9.02 17.2 68.											-			13.13
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Indignia Jeffrey Newcommon ISN-T 0.69 3.595 15.006 110.551 118,366 57,859 11.215 0 1.97 (6.5) 2.2.		•									0			8.74
Longwiew Kelly Drader LNV-T 5.07 6.308 37,876 609,508 170,833 46,837 122,354 0 10.86 (5.3) 81,855 122,040 170,833 14,862 173,611 170,833	Hyperion	Trevor Spagrud	HYX-V	0.44	1,505	8,167	97,948	71,042	54,190	33,871	0	1.35	(67)	5.98
Martick Massimo Geremia MEI-V 2.63 3.078 14,862 173,611 178,938 70,339 9,962 0 2.64 (1) 11.1 Marquee Richard Thompson MQLV 0.45 2.24 149,51 140,554 155,007 54,661 43,852 0 2.12 (7) 9.4 Nows Hugh Ross NVS-V 0.83 3,444 22716 377,125 164,101 189,375 78,883 0 1.68 (51) 9.9 Palliser Kerin Gloson PNL-V 0.50 2.498 7.921 126,820 64,144 8,916 37,345 0 1.65 (70) 7.7 PineCriff Philoph Hodge PNE-V 0.80 832 3,840 40,967 134,436 133,332 (35,077) 0 0.61 32 18. PineCriff Philose Echer PNE-V 0.80 832 3,840 40,967 134,436 133,332 (35,077) 0 0.61	Insignia	Jeffrey Newcommon	ISN-T	0.69	3,595	15,006	110,551	118,366	57,859	11,215	0	1.97	(65)	2.42
Marque Richard Thompson MQL-V 0.45 2.240 11.945 140.534 155.007 54.661 43.852 0 2.12 (79) 4.	Longview	Kelly Drader	LNV-T	5.07	6,308	37,876	609,508		46,837	122,354	0			8.94
Nows Hugh Ros NVS-V 0.83 3,444 22,716 377,125 164,101 189,375 78,883 0 1.68 (51) 9.9 PaintedPony Patrick Ward PPV-V 9,78 7,289 191,143 1,065,917 241,174 88,052 (45,216) 0 12.96 (25) 4. Palliser Kevin Gibson PXL-V 0.50 2,498 7,921 126,820 64,144 58,916 37,345 0 1.65 (70) 7. PineCilif Philip Hodge PNE-V 0.80 832 3,840 40,967 134,436 153,332 (35,077) 0 0.61 32 18. PineCrest Wade Becker PRV-V 0.93 3,510 16,241 352,553 162,691 214,311 99,378 0 1.28 (27) 17. Raging River Neil Roszell RRX-V 3,71 3,130 17,164 422,936 94,018 156,757 15,166 0 2.68 39 344. Renegade Michael Erickson RPL-V 1.16 4,435 33,737 713,038 250,817 202,947 290,546 0 2.24 (48) 14. RNP John Ferguson RMP-T 3,86 6,656 25,090 367,820 112,464 104,282 76,667 0 2.93 32 18. Rock Allen Bey RE-T 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3,622 (68) 4. Santonia Steven VanSickle STE-T 1.46 4,885 25,269 290,850 132,055 102,594 16,988 0 2,83 (48) 5. SecondWave Colin Witwer SCS-T 0.15 1,813 11,946 162,385 125,700 84,121 114,916 0 0.75 (80) 93. Shoreline Trevor Folk SEQ-T 3,47 1,459 7,283 107,135 108,943 5,666 31,830 14,075 13,21 (74) 7. Sonde Jack Schanck SOQ-T 1.08 2,252 9,432 109,125 353,842 62,301 (17,187) 0 2,74 (61) 0.01 Sturge Paul Colborne SCY-T 3,05 8,391 46,125 73,1670 483,662 71,217 220,578 0 8.03 1.10 (81) 6.65 8. Surge Paul Colborne SCY-T 3,05 8,391 46,125 731,670 483,662 71,217 220,578 0 8.03 1.10 (81) 6.65 8. Surge Paul Colborne SCY-T 3,05 8,391 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamatack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4,68 (55) 8. Surge Paul Colborne SCY-T 3,05 1,819 18,920 30,30,25 507,609 192,928 (35,077) 0 2.08 (18) 12. Surge Paul Colborne SCY-T 3,05 2,444 52,6571 183,429 527,944 13,413 3,999 30,657 0 23,72 (37) 9,017,001 10,001 11,007 107,811 100,009 127,172 20,578 0 3,39 0											-			11.61
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Raging River Neil Roszell RRX-V 3.71 3.130 17,164 422,936 94,018 156,757 15,156 0 2.68 39 34,4 Renegade Michael Erickson RPL-V 1.16 4,435 33,737 713,038 250,817 202,947 290,546 0 2.24 (48) 14,4 Renegade Michael Erickson RPL-V 1.16 4,435 33,737 713,038 250,817 202,947 290,546 0 2.24 (48) 14,4 Renegade Michael Erickson RPL-V 1.16 4,435 33,737 713,038 250,817 202,947 290,546 0 2.23 32 18,4 RPL-V 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,885 132,283 90,039 39,102 3,072 0 3.62 (68) 4,5 Renework 1.15 2,678 8,278 132,283 132,283 132,283 132,29											-			17.14
Renegade Michael Erickson RPL-V 1.16 4,435 33,737 713,038 250,817 202,947 290,546 0 2.24 (48) 14.4 RIMP John Ferguson RMP-T 3.86 6,656 25,090 367,820 112,464 104,282 76,667 0 2.93 32 18.1 Renegade Reck Allen Bey RE-T 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4. Santonia Steven Vanisickle STE-T 1.46 4,885 25,269 290,850 132,055 102,594 16,988 0 2.83 (48) 5.5 SecondWave Colin Witwer SCS-T 0.15 1,813 11,946 162,385 125,700 84,121 114,916 0 0.75 (80) 9.5 Shoreline Trevor Folk 5EQ-T 3.47 1,459 7,283 107,135 108,943 5,666 31,830 14,075 13.21 (74) 7. Sonde Jack Schanck SOQ-T 1.08 2,252 9,432 109,125 353,842 62,301 (17,187) 0 2.74 (61) 0.0 Storm Brian Lavergne SK-V 2.14 2,815 27,331 186,066 289,616 61,824 40,376 0 2.94 (27) 4.4 Strategic Curpreet Sawhney SOG-V 1.10 2,282 8,184 139,055 378,762 186,415 47,040 0 0.7.75 47 25.1 Surge Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10 (81) 61. Surge Paul Colborne SCY-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,070 47,544 0 4.68 (55) 8. Terra Cas Morel TT-T 0.23 4,445 26,571 188,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 1.70 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Torcan Jesselh Tripp TOL-V 2,56 2,821 20,202 247,943 91,978 63,982 23,302 0 3.69 (31) 8.1 Waldron Eric Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Wangler-West Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3.3.7 (88) 2.1 Yangara James Evskevich VGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5. 5. 700 14,010 10,010 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5. 5. 700 10,010 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5. 5. 700 10,010 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5. 5. 700 10,010 11,607 167,381 100,609 121,712 36,302 0 0 1.19 4.05 32,31 32,31 32,31 32,31 33,000 29,868 55,575 51,261 13.6.8 (52) 8. 300 10,010 11,007 11,007 11,007 11,007 11,007 11,007														34.08
RMP John Ferguson RMP-T 3.86 6,656 25,090 367,820 112,464 104,282 76,667 0 2.93 32 18.1 Rock Allen Bey RE-T 1.15 2,678 8,885 133,283 90,039 39,102 3,072 0 3.62 (68) 4.1 Santonia Steven YanSickle STE-T 1.46 4,885 25,269 290,850 132,055 102,594 16,988 0 2.83 (48) 5.5 SecondWave Colin Witwer SC5-T 0.15 1,813 11,946 162,385 125,700 84,121 114,916 0 0.75 (80) 9.5 Shoreline Trevor Folk SEQ-T 3.47 1,459 7,283 107,135 108,943 5,666 31,830 14,075 13.21 (74) 7.2 Sonde Jack Schanck SOQ-T 1.08 2,252 9,432 109,125 353,842 62,301 (17,187) 0 2.74 (61) 0.0 Storm Brian Lavergne SKX-V 2.14 2,815 27,331 186,066 289,616 61,824 40,376 0 2.94 (27) 4.1 Storm Brian Lavergne SKX-V 2.14 2,815 27,331 186,066 289,616 61,824 40,376 0 0.95 (27) 4.2 Strategic Gurprete Sawhney SOG-V 1.10 2,282 8,184 139,055 378,762 186,415 47,040 0 0.75 40 0.75 Surge Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10 (81) 66.1 66.1 Surge Paul Colborne SGV-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4,68 (55) 8.1 Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 170 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Toscana Joseph Durante TE-V 15.00 1,563 7,854 102,341 33,413 3,199 30,657 0 23,72 (37) 9. Tolor Russell Tripp TOL-V 2,56 2,821 2,0202 247,943 91,978 63,982 23,302 0 3,69 (31) 8.1 WanglerWest Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3,37 (88) 2.2 Yangara James Evskevich VGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (70,50) 4.05 32,72 32,72 32,72 32,73 31,700 29,868 55,675 51,261 13,68 (52) 8.3 20,707 31,700 20,868 55,675 51,261 13,68 (52) 8.3 20,707 31,700 20,868 55,675 51,261 13,68 (52) 8.3 20,707 31,700 20,868 55,675 51,261 13,68 (52) 8.3 20,700 20,868 55,675 51,261 13,68 (52) 8.3 20,700 20,868 55,675 51,261 13,68 (52) 8.3 20,700 20,868 55,675 51,261 13,68 (52) 8.3 20,700 20,868 55,675 51,261 13,68 (52) 8.3 20,700 20,86						, .	,				0			14.66
Santonia Steven VanSickle STE-T 1.46 4.885 25.269 290,850 132,055 102,594 16,988 0 2.83 (48) 5.5 SecondWave Colin Witwer SCS-T 0.15 1,813 11,946 10,053 102,385 125,700 84,121 114,916 0 0.75 (80) 9.3. Shoreline Trevor Folk SEQ-T 3.47 1,459 7,283 107,135 108,943 5,666 31,830 14,075 13.21 (74) 7. Sonde Jack Schanck SQQ-T 1.08 2,252 9,432 109,125 353,842 62,301 (17,187) 0 2.74 (61) 0.0 3.5 Storm Brian Lavergne SRX-V 2.14 2,815 27,331 186,066 289,616 61,824 40,376 0 2.94 (27) 4.5 Storm Brian Lavergne SRX-V 1.10 2,282 81,84 133,055 378,762 186,415 47,040 0 0.75 47 25.1 Sure Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10 (81) 6.1 Surge Paul Colborne SGY-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 6.0 8.03 (68) 5.5 8.1 Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4,68 (55) 8.3 Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4,68 (55) 8.3 Tamarack Brian Schmidt TVE-V 15.00 1,663 7,854 102,341 33,413 3,199 30,657 0 2.72 (37) 9.0 Took Brett Herman TOG-T 170 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Toscana Joseph Durante TEI-V 15.00 1,663 7,854 102,341 33,413 3,199 30,657 0 23,72 (37) 9.0 Trifoll Russell Tripp TOL-V 2.56 2,821 20,202 247,943 91,978 63,982 23,302 0 3,69 (31) 8.4 Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Wrangler/West Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3,37 (88) 2.1 Yangara James Evaskevich VGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (9.2) 40,05 (32) 55,000 8rian McLachlan VO-V 2.74 2,075 27,245 216,424 135,266 50,372 29,212 0 4,05 (32) 55,500 2,241,00		John Ferguson	RMP-T	3.86	6,656	25,090	367,820	112,464	104,282	76,667	0	2.93	32	18.54
SecondWave Colin Witwer SCS-T 0.15 1,813 11,946 162,385 125,700 84,121 114,916 0 0.75 (80) 93. Shoreline Trevor Folk SEQ-T 3.47 1,459 7,283 107,135 108,943 5,666 31,830 14,075 13.21 (74) 7. Sonde Jack Schanck SOQ-T 1.08 2,252 9,432 109,125 353,842 62,301 (17,187) 0 2.74 (61) 0.0 Storm Brian Lavergne SRX-V 2.14 2,815 27,331 186,066 289,616 61,824 40,376 0 2.94 (27) 4.5 Strategic Curpreet Sawhney SOG-V 1.10 2,282 8,184 139,055 378,762 186,415 40,076 0 0.95 47 251 Sure Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10	Rock	Allen Bey		1.15	2,678	8,885		90,039		3,072	-			4.14
Shoreline Trevor Folk SEQ-T 3.47 1,459 7,283 107,135 108,943 5,666 31,830 14,075 13.21 (74) 7.5														5.95
Sonde Jack Schanck SOQ-T 1.08 2,252 9,432 109,125 353,842 62,301 (17,187) 0 2.74 (61) 0.1 Storm Brian Lavergne SKX-V 2.14 2,815 27,331 186,066 269,616 61,824 40,376 0 2.94 (27) 4.2 Strategic Gurper Eswheney SWC 110 2,282 8,184 139,055 378,762 186,415 47,040 0 0.75 47 25.1 Sure Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10 (81) 6.6 Surge Paul Colborne SGY-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8.1 Tamarack Brian Schmidt TEV-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4.68											-			9.36
Storm Brian Lavergne SRX-V 2.14 2,815 27,331 186,066 289,616 61,824 40,376 0 2.94 (27) 4.5 Strategic Curpreet Sawhney SOG-V 1.10 2,282 8,184 139,055 378,762 186,415 47,040 0 0.75 47 251. Sure Jeffrey Boyce SHR-T 0.21 1,201 4.999 87,404 79,294 60,581 30,693 0 1.10 (81) 251. Surge Paul Colborne SGY-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4.68 (55) 8. Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (7.13
Strategic Gurpreet Sawhney SOG-V 1.10 2,282 8,184 139,055 378,762 186,415 47,040 0 0.7.5 47 25.0 Sure Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10 (81) 6.1 6.2 Surge Paul Colborne SGV-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4.68 (55) 8. Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 1.70 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Toscana Joseph Durante TEI-V 15.00 1,663 7,854 102,341 33,413 3,199 30,657 0 23,72 (37) 9. Trifoil Russell Tripp TOL-V 2,56 2,821 20,202 247,943 91,978 63,982 23,302 0 3.69 (31) 8. Waldron Ernie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Wangler/West Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3,37 (88) 2.4 Yangarra James Evsskevich VGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) (74) (74) (74) (74) (74) (74) (74)														0.62
Sure Jeffrey Boyce SHR-T 0.21 1,201 4,999 87,404 79,294 60,581 30,693 0 1.10 (81) 6.1 Surge Paul Colborne SGY-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamarack Brian Schmidt TVE-V 2.10 2,551 11,185 169,740 133,532 29,707 47,544 0 4.68 (55) 8. Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 1.70 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Toscana Joseph Durante TEI-V 15.00 1,663 7,854 102,341 33,413 31,99 30,657 0 23.72 (37)<											-			4.99 25.02
Surge Paul Collorne SCY-T 3.05 8,919 46,125 731,670 483,662 71,217 220,578 0 8.03 (62) 8. Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4.68 (55) 8. Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 1.70 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. TOSCAI TISO 1,663 7,854 102,341 33,413 3,199 30,657 0 23.72 (37) 9. THOII Russell Tripp TOL-V 2,56 2,821 20,202 247,943 91,978 63,982 23,302 0 3.69 (31) 8. <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>6.64</td></td<>											-			6.64
Tamarack Brian Schmidt TVE-V 2.10 2,561 11,185 169,740 133,532 29,707 47,544 0 4.68 (55) 8.1 Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 17/0 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Toscana Joseph Durante TE-V 15.00 1,663 7,854 102,341 33,413 3,199 30,657 0 23,72 (37) 9. TriOil Russell Tripp TOL-V 2,56 2,821 20,202 247,943 91,978 63,982 23,302 0 3.69 (31) 8.1 Waldron Emic Sapieha WDN-T 0,28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. WranglerWest Steven Johnson WX-V 0,42 741 1,925 24,122 26,159 6,466 5,596 0 3,37 (88) 2. Yangara James Evsakevich YGR-V 0,31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5. Yoho Brian McLachlan YO-V 2,74 2,075 27,245 216,424 135,266 50,372 29,212 0 4,05 (32) 5. Zargon Craig Hansen ZAR-T 6,54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.1 TOTAL											-			8.18
Terra Cas Morel TT-T 0.23 4,445 26,571 183,429 527,954 101,663 33,861 0 2.12 (89) (0.3 TORC Brett Herman TOG-T 1.70 2,518 18,920 303,025 507,609 192,928 (35,077) 0 2.08 (18) 12. Toscana Joseph Durante TE-LV 15.00 1,663 7,854 102,341 33,413 3,199 30,657 0 2.37.2 (37) 9. TriOil Russell Tripp TOL-V 2.56 2,821 20,202 247,943 91,978 63,982 23,302 0 3.69 (31) 8.1 Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3. Waldron Emie Svaškevich YGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5. Total MDR-MARIAN WALDRON											_			8.34
Toscana Joseph Durante TEI-V 15.00 1,663 7,854 102,341 33,413 3,199 30,657 0 23.72 (37) 9.7 (17) 10 10 10 10 10 10 10 10 10 10 10 10 10	Terra										0			(0.35)
TriOil Russell Tripp TOL-V 2.56 2,821 20,202 247,943 91,978 63,982 23,302 0 3.69 (31) 8.1 Waldron Emie Sapieha WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3.0 Wrangler-West Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3.37 (88) 2.4 Yangarra James Evaskevich YGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5.7 Yoho Brian McLachlan YO-V 2,74 2,075 27,245 216,424 135,266 50,372 29,212 0 4.05 (32) 5.7 Zargon Craig Hansen ZAR-T 6.54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.1 TOTAL	TORC	Brett Herman	TOG-T	1.70	2,518	18,920	303,025	507,609	192,928	(35,077)	0	2.08	(18)	12.13
Waldron Emie Sapieĥa WDN-T 0.28 2,484 10,567 85,123 85,072 40,035 35,919 0 1.49 (81) 3.4 WanglerWest Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3.37 (88) 2.1 Yangarra James Evsakevich YGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5.5 Yoho Brian McLachlan YO-V 2.74 2,075 27,245 216,424 135,266 50,372 29,212 0 4,05 (32) 5.5 Zargon Craig Hansen ZAR-T 6.54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.5 TOTAL 7,361,287 2,431,178	Toscana	Joseph Durante	TEI-V	15.00	1,663	7,854	102,341	33,413	3,199	30,657	0	23.72	(37)	9.48
WranglerWest Steven Johnson WX-V 0.42 741 1,925 24,122 26,159 6,466 5,596 0 3.37 (88) 2.0 Yangarra James Evaskevich YGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5.1 Yoho Brian McLachlan YO-V 2.74 2,075 27,245 216,424 135,266 50,372 29,212 0 4.05 (32) 5.1 Zargon Craig Hansen ZAR-T 6.54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.1 TOTAL 170,623 7,726 28,128 7,361,287 2,431,178 2,431,178											-			8.69
Yangarra James Evaskevich YGR-V 0.31 1,700 11,607 167,381 100,609 121,712 36,302 0 1.18 (74) 5.7 Yoho Brian McLachlan YO-V 2,74 2,075 27,245 216,424 135,266 50,372 29,212 0 4.05 (32) 5.1 Zargon Craig Hansen ZAR-T 6.54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.7 TOTAL 770 7361,287 7,361,287 2,431,178														3.45
Yoho Brian McLachlan YO-V 2.74 2,075 27,245 216,424 135,266 50,372 29,212 0 4,05 (32) 5.1 Zargon Craig Hansen ZAR-T 6.54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.1 TOTAL 7,361,287 2,431,178 2,431,178											-			2.62
Zargon Craig Hansen ZAR-T 6.54 7,720 31,187 473,507 337,000 29,868 55,675 51,261 13.68 (52) 8.1 TOTAL 170,623 7,361,287 2,431,178 2,431,178		•									-			5.29
TOTAL 170,623 7,361,287 2,431,178											-			5.52 8.34
		Craig Hansen	∠AK-I	6.54		31,18/	4/3,50/		29,868		51,261	13.08	(52)	8.34
- 1,000 (5 1,001) (1.11)													(34.07)	11.22
MEDIAN 2,950 132,055 38,383 (52,20) 8.3														8.38

For A/B share structures, B shares are not shown above, but are included in the calculations for some of our charts. When we calculate market capitalization, we use the A shares outstanding multiplied by the A share price, plus the B shares outstanding multiplied by the B share price.

Juniors that are focused on Eastern Canada, coalbed methane and oil sands are not included in this comparison.

Sonde's undeveloped land position does not include 768,000 net acres in offshore North Africa. Yoho's year end is September 30. As such, the latest quarter was used to compare with the Q1 2013 results of other issuers.

Edge's year end is March 31. As a result, Edge's latest reserves report was not meaningful and Edge's updated report was not yet available.

The data was provided by both CanOils database and BMIR researchers.

Canada's public oil and gas companies operating abroad UNITED STATES Arsenal Aurora BNK Brownstone **Bucking Horse** Caza Dejour Derek Doxa Eagle East West Enerplus Enhanced Oil Enterprise Epsilon Egual. Gale Force Guardian Hillcrest International Frontier Ivanhoe LNG Lynden KFG Montana Mountainview Nextraction Parallel Paramount JAMAICA TRINIDAD & TOBAGO Petra Petrichor Maxim Niko Primary Renegade Touchstone Saxon Solimar Strata-X Terrace Thunderbird COLOMBIA Underground Azabache GIIYANA United Hunter Brownstone Wind River ECUADOR CGX Canacol Zargon Zodiac BRAZIL Groundstar Canacol Ivanhoe Gran Tierra Brookwater Loon Brownstone Parex Gran Tierra Petroamerica PERU **HRT Participacoes** Petrodorado Americas Petrogas Petro Vista Petrominerales Gran Tierra Petrominerales PetroNova Loon This map shows the footprint of Sagres Santa Maria Petrodorado activities for TSX and TSX Venture Petrominerales Sintana Sintana listed oil and gas companies with a Suroco Energy ARGENTINA market capitalization of more than Americas Petrogas \$5 million and less than 100,000 ArPetrol boe/d of production in 2012. If you Azabache Brownstone know a company that meets this Crown Point Gran Tierra criteria that has been left out, please email us at ircontact@bmir.com.



COMPARISON

Intermediate oil & gas companies

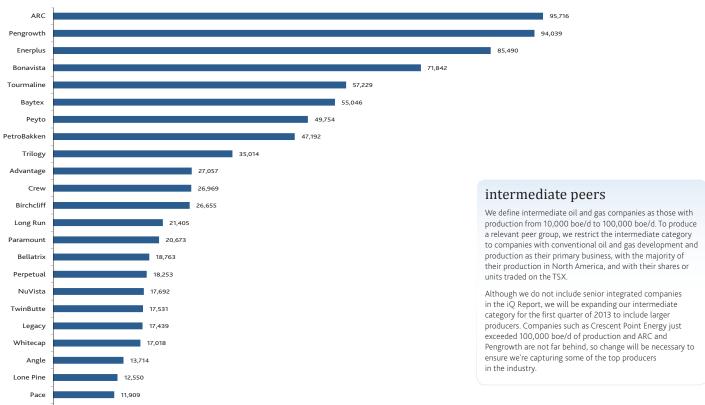
INCLUSION CRITERIA

- · Primary business must be oil and gas exploration, development and production
- Q4 2012 production must fall between 10,000 and 100,000 barrels of oil equivalent per day (boe/d)
- · Majority of production must be from North America
- Must be publicly traded on the TSX or TSX Venture Exchange

Q4 PRODUCTION (BOE/D)

BRYAN MILLS IRADESSO . IQ.BMIR.COM

Median = 24,030 boe/d



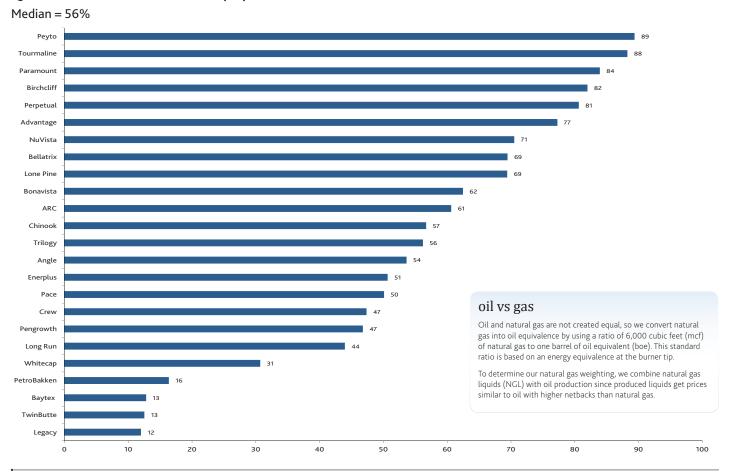
50.000

75.000

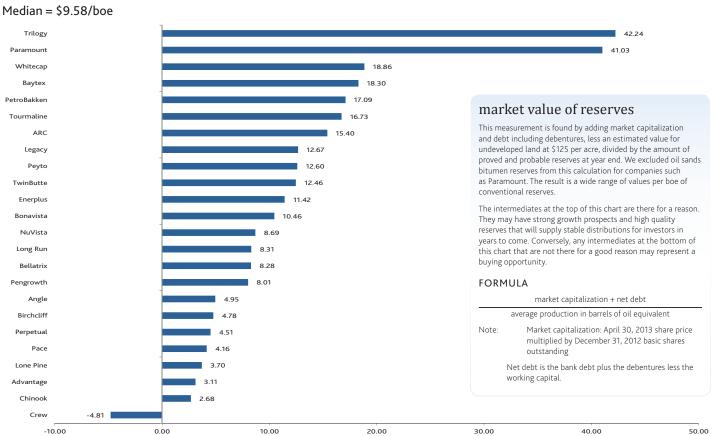
100.000

125.000

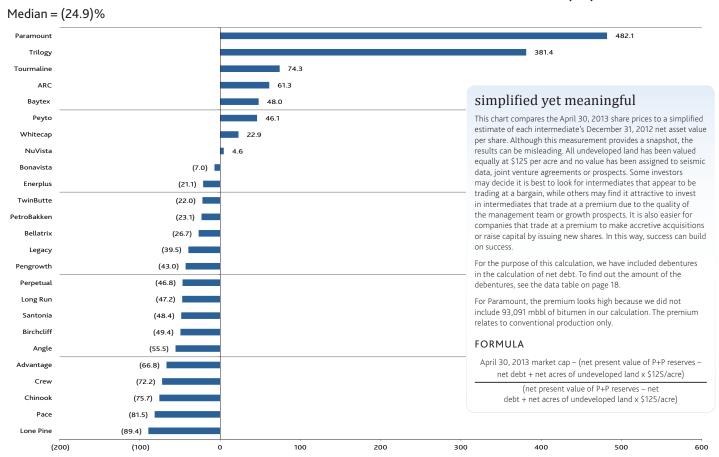
Q4 2012 GAS WEIGHTING (%)



ENTERPRISE VALUE (LESS LAND VALUE) VERSUS RESERVES (\$/BOE)

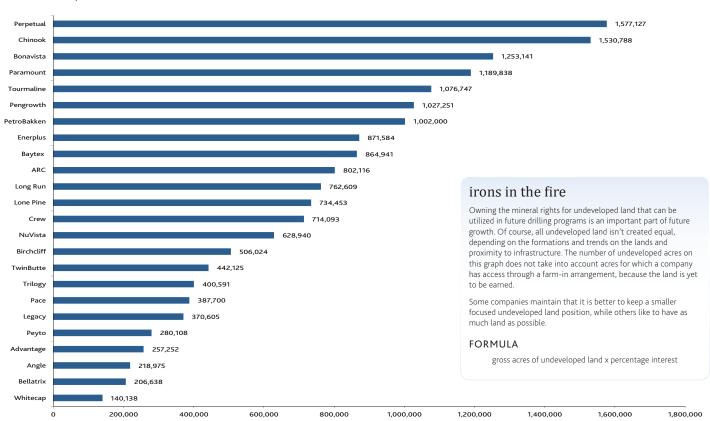


TRADING PREMIUM TO SIMPLIFIED NET ASSET VALUE ESTIMATE (%)

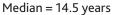


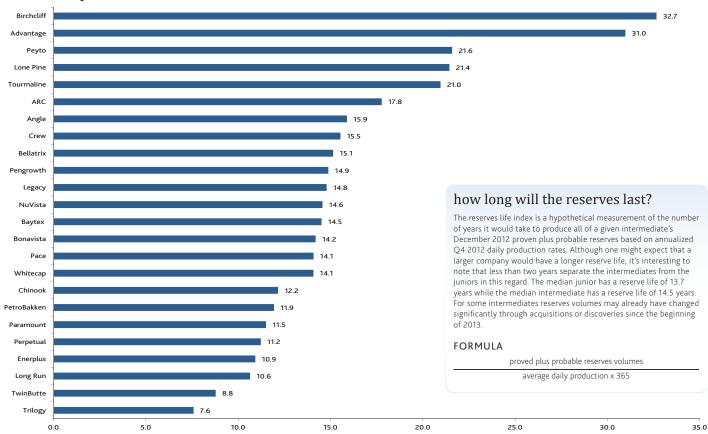
YEAR END UNDEVELOPED LAND (NET ACRES)

Median = 724,273 net acres



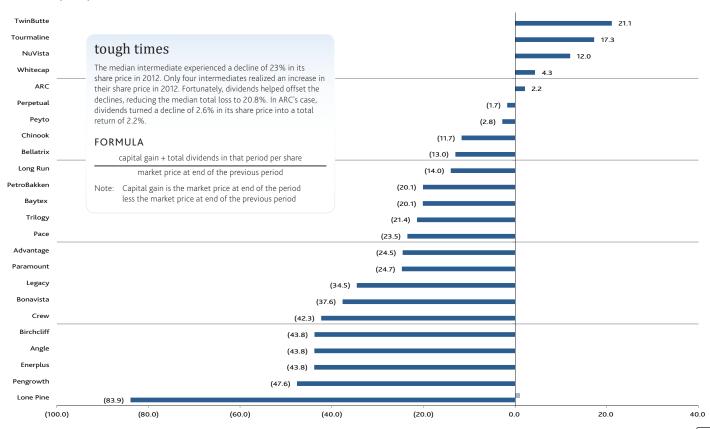
RESERVE LIFE INDICES (YEARS)





TOTAL RETURN (SHARE PRICE CHANGE PLUS DIVIDENDS) (%)

Median = (20.8)%



INTERMEDIATE DATA TABLE

		Stock symbol		Q4/12	Dec 31/12 proved plus probable (2P) reserves	Dec 31/12 10% NPV of 2P	2 242	Dec 31/12 basic shares outstanding including		Apr 30 trading premium to Apr 30 EV less			
	Chief	& exchange (T=TSX,	Share price Apr 30/13	average daily production	(forecast price, gross)	reserves (forecast	Dec 31/12 undeveloped land	exchangeable shares	Dec 31/12 net debt before debentures	debentures outstanding	land less net debt	simplified NAV	land vs reserves
Company	executive	V=Venture)	Api 30/13 (\$)	(boe/d)	(mboe)	(\$000)	(net acres)	(000)	(\$000)	(\$000)	(\$/unit)	(%)	(\$/boe)
Advantage	Andy Mah	AAV-T	3.99	27,057	305,895	2,304,063	257,252	168,383	233,353	79,108	12.02	(67)	3.11
Angle	Gregg Fischbuch	NGL-T	3.08	13,714	79,548	705,775	218,975	81,052	117,039	54,823	6.93	(56)	4.95
ARC	Myron Stadnyk	ARX-T	28.16	93,546	606,982	6,039,000	802,116	308,888	746,600	0	17.46	61	15.40
Baytex	James Bowzer	BTE-T	39.81	55,046	291,597	3,760,754	864,941	121,868	591,786	0	26.89	48	18.30
Bellatrix	Raymond Smith	BXE-T	6.31	18,763	103,733	1,106,930	206,638	107,869	153,446	50,687	8.61	(27)	8.28
Birchcliff	Jeffery Tonken	BIR-T	7.90	26,655	317,770	2,610,700	506,024	141,596	462,130	0	15.62	(49)	4.78
Bonavista	Jason Skehar	BNP-T	15.95	71,842	372,220	4,125,752	1,253,141	193,464	963,500	0	17.16	(7)	10.46
Chinook	Matthew Brister	CKE-T	1.20	11,636	51,652	937,900	1,530,788	214,188	72,911	0	4.93	(76)	2.68
Crew	Dale Shwed	CR-T	6.99	26,969	152,976	1,477,748	714,093	121,620	(1,496,041)	0	25.19	(72)	(4.81)
Enerplus	Gordon Kerr	ERF-T	14.22	85,490	341,072	4,652,000	871,584	198,684	1,179,507	0	18.03	(21)	11.42
Legacy	Trent Yanko	LEG-T	5.32	17,439	94,158	1,691,813	370,605	143,338	476,876	0	8.80	(40)	12.67
Lone Pine	Tim Granger	LPR-T	0.98	12,550	98,236	1,067,000	734,453	85,193	372,217	0	9.23	(89)	3.70
Long Run	William Andrew	LRE-T	4.34	21,405	83,165	1,119,107	762,609	110,107	293,123	15,513	8.23	(47)	8.31
NuVista	Jonathan Wright	NVA-T	7.32	17,692	94,072	779,580	628,940	118,618	28,226	0	7.00	5	8.69
Paramount	Clay Riddell	POU-T	36.05	20,673	86,842	880,000	1,189,838	89,857	472,232	0	6.19	482	41.03
Pengrowth	Derek Evans	PGF-T	5.17	94,039	510,906	6,088,000	1,027,251	511,804	1,337,250	237,050	9.07	(43)	8.01
Perpetual	Susan Riddell Rose	PMT-T	1.20	18,253	74,795	493,000	1,577,127	147,455	206,091	151,673	2.25	(47)	4.51
PetroBakken	John Wright	PBN-T	8.60	47,192	205,683	4,013,837	1,002,000	192,452	1,687,837	297,634	11.19	(23)	17.09
Peyto	Darren Gee	PEY-T	29.01	49,754	392,094	3,579,919	280,108	148,519	665,138	0	19.86	46	12.60
Pace	Tom Buchanan	SGL-T	1.87	11,909	61,220	642,057	387,700	46,916	215,491	0	10.13	(82)	4.16
Tourmaline	Michael Rose	TOU-T	39.97	57,229	437,869	4,346,591	1,076,747	174,813	471,439	0	22.94	74	16.73
Trilogy	James Riddell	TET-T	29.45	35,014	96,959	1,373,400	400,591	116,674	709,682	0	6.12	381	42.24
TwinButte	Jim Saunders	TBE-T	2.23	17,531	56,192	856,600	442,125	248,312	201,703	0	2.86	(22)	12.46
Whitecap	Grant Fagerheim	WCP-T	10.34	17,018	87,450	1,402,331	140,138	127,900	343,994	0	8.41	23	18.86
TOTAL				868,413			17,245,784		10,505,530				
AVERAGE				36,184			718,574		437,730				11.90
MEDIAN				24,030			724,273		417,174				9.58

Data provided by CanOils Database and bmir researchers.





OIL & GAS INVESTOR SHOWCASE

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