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ASX Release

Date: 30 January 2015

## December Quarterly Activity Report

### Summary

Tamaska has continued to acquire exploration rights to acreage in the Montney Resource Play in British Columbia, Canada during the December quarter. Tamaska was able to acquire excellent land at good prices as it would appear the drop in oil price has reduced competition as companies seek to cut spending and reduce debt.

Tamaska is currently debt free with cash holdings of \$2 million at 31 December 2014 with production income from the Fusselman and West Klondike projects. Nevertheless due to the current oil price, Tamaska has taken prudent actions to maintain balance sheet strength for the benefit of shareholders; primarily the initiatives are two fold – a reduction in the budget allocated to the Montney Resource Play land acquisition project and a 45% reduction in monthly salary costs (by a reduction in staffing hours and the implementation of Board changes).

### Tamaska Oil and Gas Projects

#### **Montney Project, British Columbia - (TMK 40% WI)**

On 9 September 2014, Tamaska announced its entry into the Montney Resource Play in British Columbia, Canada with an initial acquisition of a net 3,000 acres of land. To date Tamaska has acquired a total of 14,589 net acres at a cost of approximately A\$2.7million.

The Montney Resource Play is regarded as one of the most economically robust in North America. Seven Generations Energy Ltd (TSX: VII, market cap ~A\$4b) have publicly announced an unchanged budget of ~A\$1.6b for 2015, even in this current oil price environment.

The Tamaska acreage is located in rapidly emerging parts of the Montney play prospective for wet gas (condensate) and oil. Active operators in the Montney play near to the Company's acreage include Crew Energy Inc. (TSV: CR, market cap ~A\$600m) and Artek Exploration Ltd (TSX: RTK, market cap ~A\$100m) who are planning developments with up to 15 horizontal wells per square mile (640 acres). Extrapolating this drilling density to Tamaska's land position is significant as it equates to potentially over 800 (gross) development drilling locations on the Company's acreage.

Tamaska is pursuing a strategy to acquire Montney acreage in targeted areas over the past quarter and coming months. More details will be provided to the market as the land acquisition phase advances and the commercial sensitivity of the exact locations reduces.

#### **Montney Resource Play**

The Montney is a pervasive hydrocarbon system over 100km wide that is rapidly emerging as one of North America's premier resource plays. It forms part of the Western Canadian Sedimentary Basin, which is a sedimentary wedge bounded by the Rockies to the West. The advent of modern horizontal drilling and fracture stimulation completions has unlocked tight

rocks that were not previously commercial including a large resource in the Montney siltstone. The ultimate potential, commercial volumes of unconventional petroleum in the Montney formation is estimated to be 449 Trillion cubic feet of natural gas, 14.5 billion barrels of natural gas liquids (NGLs) and 1.1 billion barrels of oil<sup>1</sup>.

The Montney is currently the most active oil and gas play in Canada and has attracted more than \$22 billion in M&A deals since 2010. The play has been a growth catalyst for a number of mid-tier Canadian companies such as Crew Energy and ARC Resources, as well as attracting significant investment from international majors, including Shell, Encana, Exxon, Sinopec and PETRONAS<sup>2</sup>.

There is a high degree of confidence in commercial development of the play, with over 3,500 horizontal wells having been drilled. Originally assessed to be a dry gas resource play, the drilling activity in the Montney has advanced east into the wet gas (condensate) over the last year and most recently into the oil window with successful results. The increased liquid yields are improving on the already attractive gas well economics.

Tamaska is focused on the liquids rich portion of the play where the latest published well results indicate that the Montney could potentially rival the Eagle Ford in performance. The areal extent, depth, thickness, style of trapping, liquids content and economics have led to favourable comparisons between the Montney and Eagle Ford Shale (Figure 1).

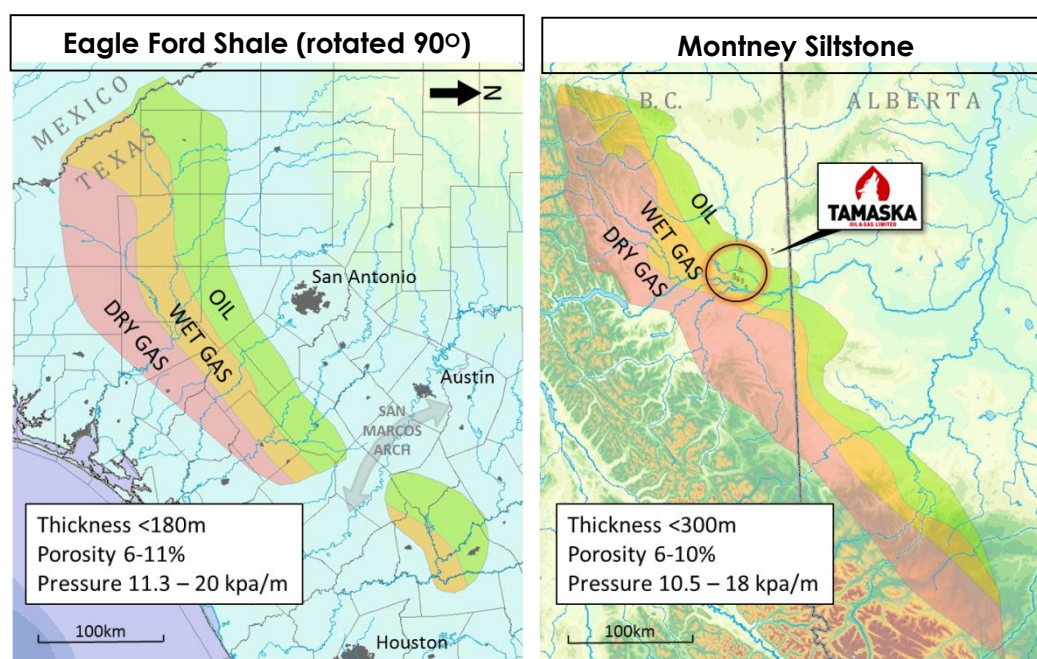


Figure 1 – Same-scale Comparison of the Eagle Ford Shale and Montney Siltstone

<sup>1</sup> Reproduced and authorized for re-use by the National Energy Board. Excerpt taken from "The Ultimate Potential for Unconventional Petroleum from the Montney Formation of British Columbia and Alberta – Energy Briefing Note". Complete article may be found here: <http://www.neb-one.gc.ca/clf-nsi/mrgynfmrtn/nrgvprpt/ntrlgs/ltrmtptntlmntnyfmrtn2013/ltrmtptntlmntnyfmrtn2013-eng.html>

<sup>2</sup> <http://www.rystadenergy.com/AboutUs/NewsCenter/PressReleases/western-canada-shale-plays-an-overview>

### Fusselman Project Well, Texas - (TMK 12.5%)

The Fusselman Well, Clayton Johnson #3F, operated by Marshfield Oil & Gas, was drilled to its total depth of 9,883 feet on 3 January 2013. Tamaska holds a 12.5% working interest in the Fusselman Project in Borden County, Texas.

Production commenced from the #3F well on 23 January 2013. Production from the well is with a pump jack (nodding donkey) and is a mixture of oil and formation water. Production has been steady over the quarter with only a couple of days offline. A storm in late December caused an interruption to the power supply to the well site and production was offline for much of January whilst power was re-established.

|   | September 14<br>Quarter | December 14<br>Quarter | March 15<br>Quarter |
|---|-------------------------|------------------------|---------------------|
|   | Actual                  | Estimated*             | Forecast            |
| <b>Net Produced bbls</b>                                    | 339 bbls                | 309 bbls               | ~200 bbls           |
| <b>Net Revenue after Royalty and well head taxes (US\$)</b> | \$26,722                | \$19,039               | ~\$7,500            |

\*Subject to final costs and sales off take figures

### West Klondike Discovery, Louisiana - (TMK 10.2% WI)

The Wilberts Sons LLC #1 exploration well on the West Klondike Prospect in Louisiana drilled to its total depth of 10,900ft on 13 December 2012. Electric logs confirmed it as a discovery well with material net pay in 2 separate target horizons, with 4ft in the Lario sands, 6ft in the U Nod Blan and 35ft in the Lower Nod Blan sands. The Wilbert Sons LLC #1 well was perforated and flow tested successfully at over 2 MMcf gas per day from the lower Nod Blan.

Due to non-participation by one of the JV partners in the facilities and pipeline program Tamaska has increased its contributing and beneficial interest to 11.4%. This increase will revert back to the original owner following 400% recovery of the incremental programs cost to the Company.

Production commenced in September and has provisionally stabilised at a gross production rate of approximately 1.6MMscf/d and 20 bbls per day of condensate production. Tamaska received US\$30,749 in January for Sales related to production in September, October and November.

### Duvernay Shale and Rock Creek Update

Tamaska holds a 16% interest in Rock Creek Oil rights and 8% interest in Duvernay Shale rights in approximately 100 sections in Central Alberta, Canada. Since acquisition of the initial acreage in June 2011, the Company has successfully completed six sale transactions totalling in excess of \$3 million in net cash which funded the Company's investments in other oil and gas exploration projects. No transactions occurred during the quarter, the Company continues to market the remaining acreage.

## Tenement Summary

At 31 December 2014 the Company held the following interests in tenements:

| Project                       | Percentage Interest           | Number of Tenements |
|-------------------------------|-------------------------------|---------------------|
| <b>Montney Resource Play</b>  | 40%                           | 22                  |
| Rend Lake Prospect*           | 20%                           | 5                   |
| Fusselman Project             | 12.5%                         | 7                   |
| West Klondike                 | 10.2%                         | 6                   |
| Duvernay Shale and Rock Creek | Duvernay 8%<br>Rock Creek 16% | 258                 |

The Company has provided detailed tenement information in Schedule 1.

\*In the process of being relinquished to the Operator

## Corporate

### Board Changes

Subsequent to the reporting period:

Effective on 1 February 2015 the Managing Director has agreed to a 50% reduction in salary (with reduced hours), two of the Non-Executive Board members (Mr Brett Mitchell and Mr Mark Freeman) will resign from the Board with Mr Brett Lawrence appointed to the Board as an Executive Director. Mr Lawrence who is joining the Board for no additional fee, has been working with Tamaska on the Company's core Montney project as a part time technical executive since mid 2014. Overall the changes will save the company approximately 45% of the monthly personnel costs.

Following these changes, the Board will be comprise of:

- Alexander Parks – Managing Director
- Justin Norris – Non-Executive Director
- Brett Lawrence – Executive Director (part time)

### Cash Position at 31 December 2014

The Company had a closing cash balance of A\$2.066million at 31 December 14.

*For and on behalf of the Board*

## Appendix 5B

### Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001, 01/06/10.

Name of entity

Tamaska Oil & Gas Ltd

ABN

66 127 735 442

Quarter ended ("current quarter")

31 December 2014

#### Consolidated statement of cash flows

|   |  | Current quarter | Year to date   |
|---|--|-----------------|----------------|
|   |  | \$A'000         | \$A'000        |
| <b>Cash flows related to operating activities</b> |  |                 |                |
| 1.1   | Receipts from product sales and related debtors            | 29              | 81             |
| 1.2   | Payments for (a) exploration & evaluation                  | (283)           | (682)          |
|   | (b) development  | -               | -              |
|   | (c) production   | (8)             | (23)           |
|   | (d) administration   | (149)           | (352)          |
| 1.3   | Dividends received   | -               | -              |
| 1.4   | Interest and other items of a similar nature received      | 7               | 21             |
| 1.5   | Interest and other costs of finance paid                   | -               | -              |
| 1.6   | Income taxes paid  | -               | -              |
| 1.7   | Other – Royalty Payout on Acreage Sold, Tax Refund         | -               | -              |
| <b>Net Operating Cash Flows</b>                   |  | <b>(404)</b>    | <b>(955)</b>   |
| <b>Cash flows related to investing activities</b> |  |                 |                |
| 1.8   | Payment for purchases of:                                  |                 |                |
|   | (a) prospects  | (2,180)         | (2,652)        |
|   | (b) equity investments                                     | -               | -              |
|   | (c) other fixed assets                                     | -               | -              |
| 1.9   | Proceeds from sale of:                                     |                 |                |
|   | (a) prospects  | -               | -              |
|   | (b) equity investments                                     | -               | -              |
|   | (c) other fixed assets                                     | -               | -              |
| 1.10  | Loan repayment to other entities                           | -               | -              |
| 1.11  | Proceeds from loans  | -               | -              |
| 1.12  | Other- Perity Share of Acreage Sold                        | -               | -              |
| <b>Net investing cash flows</b>                   |  | <b>(2,180)</b>  | <b>(2,652)</b> |
| 1.13  | Total operating and investing cash flows (carried forward) | <b>(2,584)</b>  | <b>(3,607)</b> |

+ See chapter 19 for defined terms.

|      |  |                |                |
|------|--|----------------|----------------|
| 1.13 | Total operating and investing cash flows (brought forward) | <b>(2,584)</b> | <b>(3,607)</b> |
|      | <b>Cash flows related to financing activities</b>          |                |                |
| 1.14 | Proceeds from issues of shares, options, etc.              | -              | 4,717          |
| 1.15 | Costs of Shares  | -              | (140)          |
| 1.16 | Proceeds from borrowings                                   | -              | -              |
| 1.17 | Repayment of borrowings                                    | -              | (654)          |
| 1.18 | Dividends paid   | -              | -              |
| 1.19 | Other (over subs & capital raising expenses)               | -              | -              |
|      | <b>Net financing cash flows</b>                            | <b>-</b>       | <b>3,923</b>   |
|      | <b>Net increase (decrease) in cash held</b>                | <b>(2,584)</b> | <b>316</b>     |
| 1.20 | Cash at beginning of quarter/year                          | 4,716          | 1,539          |
| 1.21 | Exchange rate adjustments to item 1.20                     | (66)           | 211            |
| 1.22 | <b>Cash at end of quarter</b>                              | <b>2,066</b>   | <b>2,066</b>   |

**Payments to directors of the entity and associates of the directors**

**Payments to related entities of the entity and associates of the related entities**

|   | Current quarter<br>\$A'000 |
|---|----------------------------|
| 1.23 Aggregate amount of payments to the parties included in item 1.2 | 72                         |
| 1.24 Aggregate amount of loans to the parties included in item 1.10   | -                          |

1.25 Explanation necessary for an understanding of the transactions

Directors' and Consulting Fees and expenses

**Non-cash financing and investing activities**

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

None

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

None



### Financing facilities available

Add notes as necessary for an understanding of the position.

|                                 | Amount available<br>\$A'000 | Amount used<br>\$A'000 |
|---------------------------------|-----------------------------|------------------------|
| 3.1 Loan facilities             | -                           | -                      |
| 3.2 Credit standby arrangements | -                           | -                      |

### Estimated cash outflows for next quarter

|                                | \$A'000    |
|--------------------------------|------------|
| 4.1 Exploration and evaluation | 100        |
| 4.2 Development                | -          |
| 4.3 Production                 | 18         |
| 4.4 Administration             | 140        |
| <b>Total</b>                   | <b>258</b> |

### Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.

|  | Current quarter<br>\$A'000 | Previous quarter<br>\$A'000 |
|--|----------------------------|-----------------------------|
| 5.1 Cash on hand and at bank                     | 2,066                      | 4,716                       |
| 5.2 Deposits at call                             | -                          | -                           |
| 5.3 Bank overdraft                               | -                          | -                           |
| 5.4 Other (provide details)-held on trust        | -                          | -                           |
| <b>Total: cash at end of quarter (item 1.22)</b> | <b>2,066</b>               | <b>4,716</b>                |

### Changes in interests in mining tenements

|   | Tenement reference   | Nature of interest (note (2))          | Interest at beginning of quarter | Interest at end of quarter |
|---|--|--|----------------------------------|----------------------------|
| 6.1 Interests in mining tenements relinquished, reduced or lapsed | None relinquished  |  |                                  |                            |
| 6.2 Interests in mining tenements acquired or increased           | British Columbia Canada, 65036, 65065, 65089 65091, 65159, 65201 65270, 65276, 65277 65282, 65283<br>See Schedule 1 for detailed legal description | JV interest increased                  | 34%                              | 40%                        |
|   | 65346, 65350, 65355, 65381, 65391, 65393, 65446, 65450, 65452, 65454, 65456<br>See Schedule 1 for detailed legal description                       | Via Crown Land Auctions Oct – Dec 2014 | 0%                               | 40%                        |

### Issued and quoted securities at end of current quarter

*Description includes rate of interest and any redemption or conversion rights together with prices and dates.*

|   | Total number | Number quoted | Issue price per security (see note 3) (cents) | Amount paid up per security (see note 3) (cents) |
|---|--------------|---------------|---|--|
| 7.1 <b>Preference</b><br><b>*securities</b><br><i>(description)</i>   | 0            |               |   |  |
| 7.2 Changes during quarter<br>(a) Increases through issues<br>(b) Decreases-capital returns, buy-backs or redemptions |              |               |   |  |
| 7.3 <b>*Ordinary securities</b>   | 714,000,000  | 714,000,000   |   | Fully paid                                       |
| 7.4 Changes during quarter<br>(a) Increases-through issues<br>(b) Decreases-capital returns or buy-backs              | -            |               |   |  |
| 7.5 <b>*Convertible debt securities</b><br><i>(description)</i>   |              |               |   |  |

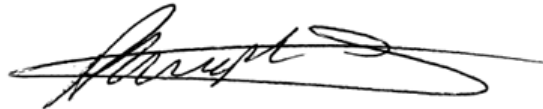
+ See chapter 19 for defined terms.



|      |  |  |            |  |  |
|------|--|--|------------|--|--|
| 7.6  | Changes during quarter<br>(a) Increases through issues<br>(b) Decreases-maturing or conversion of securities |  |            |  |  |
| 7.7  | <b>Options</b><br>(description and conversion factor)  | 32,600,000<br>3,000,000<br>180,000,000 | 32,600,000 | Exercise price<br>\$0.50 each<br>\$0.15 each<br>\$0.016 each | Expiry date<br>17 August 2015<br>3 October 2017<br>31 March 2019 |
| 7.8  | Issued during quarter  |  |            |  |  |
| 7.9  | Exercised during quarter   |  |            |  |  |
| 7.10 | Expired during quarter   |  |            |  |  |
| 7.11 | <b>Debentures</b><br>(totals only)   |  |            |  |  |
| 7.12 | <b>Unsecured notes</b><br>(totals only)  |  |            |  |  |

## Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).
- 2 This statement does give a true and fair view of the matters disclosed.



Sign here: .....  
(Director)

Date: 30 January 2014

Print name: Alexander Parks

## Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 The definitions in, and provisions of, *AASB 1022: Accounting for Extractive Industries* and *AASB 1026: Statement of Cash Flows* apply to this report.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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**Schedule 1**  
**Tenements held at 31 December 14**



**Montney Project**

As at 31 December 14, Tamaska has a 40% interest in the following Licenses in the Montney Resource Play, located in the Province of British Columbia, Canada. All Montney licenses have been acquired since 30 June 2014.

| Crown Licence # | Legal Description  | Rights   | Interest |
|-----------------|--|--|----------|
| 65036           | Tract1:083-18W6: 34 084-18W6:3<br>Tract2: 083-18W6: 27                             | Tract 1: All PNG<br>Tract 2: All PNG, excluding NG to base Pardonet-Baldonnel                                    | 40%      |
| 65065           | Tract1:084-17W6:17<br>Tract 2: 084-17W6: 18, 19                                    | Tract 1: PNG below base Cadomin-Kikanassin<br>Tract 2: All PNG below base Charlie Lake                           | 40%      |
| 65089           | 082-17W6:33 083-17W6: 3  | Petroleum below base Charlie Lake.<br>NG below base Montney Lag-Belloy-Taylor Flat.                              | 40%      |
| 65091           | Tract1:083-18W6:E24<br>Tract 2: 083-18W6: W24<br>Tract 3: 083-18W6: 25, 26         | Tract 1: All PNG<br>Tract 2: PNG below base Charlie Lake<br>Tract 3: PNG below base Artex-Halfway-Doig           | 40%      |
| 65159           | 083-17W6: 17, 20   | ALL PNG  | 40%      |
| 65201           | 083-18W6: 21   | ALL PNG, excluding NG TB Montney-Belloy-Stoddart   | 40%      |
| 65270           | Tract 1: 087-22W6: 9<br>Tract 2: 087-22W6: 17                                      | Tract 1: PNG BB Baldonnel<br>Tract 2: PNG BB Artex-Halfway-Doig  | 40%      |
| 65276           | 094-G-10 BLK A Units 18, 19, 28, 29, 38, 39, 48, 49                                | All PNG  | 40%      |
| 65277           | 094-G-10 BLK G Units 56, 57, 66, 67, 76, 77, 86, 87                                | All PNG  | 40%      |
| 65282           | Tract 1: 086-21W6:33<br>Tract 2: 086-21W6: 34                                      | Tract 1: All PNG<br>Tract 2: PNG BB Charlie Lake   | 40%      |
| 65283           | 086-22W6: 33 087-22W6: 2, 3  | All PNG  | 40%      |
| 65346           | 087-21W6: 6<br>087-22W6: 1, 12   | All PNG  | 40%      |
| 65350           | 094-G-08 BLK J Units 96-99<br>094-G-09 BLK B Units 6-9, 16-19, 26-29               | All PNG  | 40%      |
| 65355           | 094-G-10 BLK G Units 34, 35, 44, 45, 54, 55, 64, 65                                | All PNG  | 40%      |
| 65381           | Tract 1: 087-21W6: 5, 7<br>Tract 2: 087-21W6: 8                                    | Tract 1: All PNG<br>Tract 2: All PNG, excluding PNG in Cadomin-Nikinassin, and PNG in Artex-Halfway-Doig         | 40%      |
| 65391           | Tract 1:094-G-09 BLK C Units54-57,64-67<br>Tract 2:094-G-09 BLKC Units 58,59,68,69 | Tract 1: All PNG<br>Tract 2: PNG BB Artex-Halfway-Doig   | 40%      |
| 65393           | 094-G-10 BLK A Units 20, 30, 40, 50<br>094-G-10 BLK B Units 11, 21 31 41           | All PNG  | 40%      |
| 65446           | Tract 1: 087-21W6: 18<br>Tract 2: 087-21W6: 17                                     | Tract 1: All PNG<br>Tract 2: All PNG, excluding PNG in Cadomin-Dunlevy-Nikinassin, and PNG in Artex-Halfway-Doig | 40%      |
|                 |  |  |          |

**Schedule 1**  
**Tenements held at 31 December 14**



|       |   |  |     |
|-------|---|--|-----|
| 65450 | Tract1:094-G-09 BLKC Units 38,39, 48,49<br>Tract2:094-G-09 BLKC Units 36,37,46,47 | Tract 1: All PNG<br>Tract 2: PNG BB Artex-Halfway-Doig | 40% |
| 65452 | 094-G-09 BLK D Units 92-95<br>094-G-09 BLK E Units 2-5, 12, 13, 22, 23            | All PNG  | 40% |
| 65454 | 094-G-10 BLK G Units 74, 75, 84, 85, 94-97<br>094-G-10 BLK J Units 4-7            | All PNG  | 40% |
| 65456 | 086-21W6: 32<br>087-21W6: 3, 4  | All PNG  | 40% |

**West Klondike Prospect**

As at 31 December 14, Tamaska has a 10.2% working interest in the following tenements in the West Klondike Prospect, located in Iberville Parish, Louisiana.

| Lease Number |
|--------------|
| WK#1A        |
| WK#1B        |
| WK#1C        |
| WK#2         |
| WK#3A        |
| WK#3B        |

**Fusselman Tenements**

As at 31 December 14, Tamaska has a 12.5% working interest in the following tenements in the Clayton Johnson #3F well, located in Borden County, Texas.

| Tenement Location   |
|---|
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |
| Northeast Quarter of Section 5, All in Block 32 T-4-N, T&P Railroad Co. |

**Rend Lake Prospect**

As at 31 December 14, Tamaska has agreed to transfer to Anschutz Exploration (Operator) the 20% interest in the following tenements in the Rend Lake Prospect, located in Franklin and Jefferson Counties, Illinois.

| Lands  |   |   |   |                 |
|--|---|---|---|-----------------|
| <u>T6S-R2E</u>   | <u>T5S-R2E</u>  | <u>T6S-R2E</u>  | <u>T5S-R2E</u>  | <u>T5S-R2E</u>  |
| Sec. 9: E/2  | Sec. 27: S/2  | Sec. 22: All  | Sec. 3: W/2   | Sec. 15: S/2S/2 |
| Sec. 10: All   | Sec. 34: All  | Sec. 27: N/2, N/2SW   | Sec. 4: E/2   | Sec. 22: All    |
| Sec. 11: W/2   | <u>T6S-R2E</u>  |   | Sec. 9: E/2   | Sec. 27: N/2    |
| Sec. 14: W/2   | Sec. 3: All   |   | Sec. 10: W/2  | Sec. 16: SE     |
| Sec. 15: All   | Sec. 10: N/2N/2N/2  |   | Sec. 16: NE, N/2SE  | Sec. 21: E/2    |
| Sec. 16: E/2   |   |   | Sec. 15: N/2, N/2S/2  | Sec. 28: NE     |
| Limited to the base of the New Albany Shale down to 10,000 feet below the earths surface | Limited from Top of the Lingle Member of Devonian to Basement | Limited from Top of the Lingle Member of Devonian to Basement | Limited from Top of the Lingle Member of Devonian to Basement |                 |

**Schedule 1**  
**Tenements held at 31 December 14**



**Rock Creek and Duvernay Tenements**

As at 31 December 14, Tamaska has an interest in the following tenements, all located in the Province of Alberta, Canada.

| <b>Crown Lease or Licence #</b> | <b>Legal Description</b> | <b>Rights</b>                | <b>Interest</b> |
|---------------------------------|--------------------------|------------------------------|-----------------|
| 0410090077                      | T38-R4W5: NW16           | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0410090077                      | T38-R4W5: NW16           | b.b. Rock Cr.                | 8%              |
| 0410090078                      | T38-R4W5: N17            | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0410090078                      | T38-R4W5: N17            | b.b. Rock Cr. to b. Jurassic | 8%              |
| 0410090079                      | T38-R4W5: 18             | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0410090079                      | T38-R4W5: 18             | b.b. Rock Cr.                | 8%              |
| 0510090712                      | T38-R5W5: 10             | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0510090712                      | T38-R5W5: 10             | b.b. Rock Cr.                | 8%              |
| 0510070216                      | T38-R5W5: 12             | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0510070216                      | T38-R5W5: 12             | b.b. Rock Cr.                | 8%              |
| 0510090715                      | T38-R5W5: N&SE13         | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0510090715                      | T38-R5W5: N&SE13         | b.b. Rock Cr.                | 8%              |
| 0510090717                      | T38-R5W5: NW15           | b.b.Vik. to.b. Mann.         | 16%             |
| 0510090716                      | T38-R5W5: NW15           | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0510090716                      | T38-R5W5: NW15           | b.b. Rock Cr.                | 8%              |
| 0510090725                      | T38-R5W5: S&NE24         | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0510090725                      | T38-R5W5: S&NE24         | b.b. Rock Cr.                | 8%              |
| 0510090756                      | T39-R6W5:N&SE24          | surf. To b. Edmt.            | 16%             |
| 0510080087                      | T41-R6W5: 19             | b.b. Vik. to b. Rock Cr.     | 16%             |
| 0510080087                      | T41-R6W5: 19             | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510080087                      | T41-R6W5: 30             | b.b. Mann. to base Rock Cr.  | 16%             |
| 0510080087                      | T41-R6W5: 30             | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510080088                      | T41-R7W5: 13             | b.b. Vik. to b. Rock Cr.     | 16%             |
| 0510080088                      | T41-R7W5: 13             | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510120361                      | T41-R7W5: 14             | b.b. Vik. to b. Rock Cr.     | 16%             |
| 0510120361                      | T41-R7W5: 14             | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510080091                      | T41-R7W5: 25             | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0510080091                      | T41-R7W5: 25             | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0511020101                      | T41-R7W5: NE26           | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0511020101                      | T41-R7W5: NE26           | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510080093                      | T41-R7W5: 27             | b.b. Vik. to b. Rock Cr.     | 16%             |
| 0510080093                      | T41-R7W5: 27             | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0511020102                      | T41-R7W5: S&NW 28        | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0511020102                      | T41-R7W5: S&NW 28        | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510080097                      | T41-R7W5: S&NW 36        | b.b.Vik. to b. Rock Cr.      | 16%             |
| 0510080097                      | T41-R7W5: S&NW 36        | b.b. Rock Cr. excl. Duvernay | 8%              |
| 0510080097                      | T41-R7W5: NE 36          | b.b. Jurassic excl. Duvernay | 8%              |
| 0511020104                      | T42-R5W5:NE16            | NG in Lower Mann. Rock Cr.   | 16%             |
| 0511020106                      | T42-R5W5:W22             | NG in Lower Mann. Rock Cr.   | 16%             |
| 0511020117                      | T43-R5W5:20              | b.b. Vik. to b. Mann.        | 16%             |
| 0511020118                      | T43-R6W5:NW13            | b.b. Vik. to b. Mann.        | 16%             |
| 0511040359                      | T43-R6W5:20              | b.b. Mann. to b. Rock Cr.    | 16%             |
| 0511020120                      | T43-R6W5:36              | b.b. Vik. to b. Mann.        | 16%             |
| 0511020123                      | T43-R8W5:19              | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0511020123                      | T43-R8W5:19              | b.b. Rock Cr.                | 8%              |
| 0511020124                      | T44-R9W5:5               | b.b. Mann. to b. Rock Cr.    | 16%             |
| 0511020130                      | T44-R9W5:17              | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0511020130                      | T44-R9W5:17              | b.b. Rock Cr.                | 8%              |
| 0511020131                      | T44-R9W5:29              | b.b. Mann.to b.Rock Cr.      | 16%             |
| 0511020131                      | T44-R9W5:29              | b.b. Rock Cr.                | 8%              |
| 0511020141                      | T46-R9W5:20              | b.b. Mann.to b.Rock Cr.      | 16%             |

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| 0511020141               | T46-R9W5:20       | b.b. Rock Cr.                | 8%       |
| 0511020145               | T46-R10W5:21      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020145               | T46-R10W5:21      | b.b. Rock Cr.                | 8%       |
| 0511020147               | T46-R10W5:22      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020147               | T46-R10W5:22      | b.b. Rock Cr.                | 8%       |
| 0511020148               | T46-R10W5:28      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020148               | T46-R10W5:28      | b.b. Rock Cr.                | 8%       |
| 0511020150               | T46-R10W5:33      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020150               | T46-R10W5:33      | b.b. Rock Cr.                | 8%       |
| 0511020151               | T47-R8W5: E6      | b.b. Mann.to b. Rock Cr.     | 16%      |
| 0511020151               | T47-R8W5: E6      | b.b. Rock Cr. to b. Jurassic | 8%       |
| 0511020151               | T47-R8W5: W6      | b.b. Mann to b. Rock Cr.     | 16%      |
| 0511020151               | T47-R8W5: W6      | b.b. Rock Cr. to b. Nordegg  | 8%       |
| 0511020152               | T47-R8W5:7        | b.b. Mann to b. Rock Cr.     | 16%      |
| 0511020152               | T47-R8W5:7        | b.b. Rock Cr. to b. Nordegg  | 8%       |
| 0511040364               | T47-R8W5:13       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511040364               | T47-R8W5:13       | b.b. Rock Cr.                | 8%       |
| 0510090785               | T47-R8W5:15       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090785               | T47-R8W5:15       | b.b. Rock Cr.                | 8%       |
| 0510090786               | T47-R8W5:17       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090786               | T47-R8W5:17       | b.b. Rock Cr.                | 8%       |
| 0510090787               | T47-R8W5:18       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090787               | T47-R8W5:18       | b.b. Rock Cr.                | 8%       |
| 0510090788               | T47-R8W5:20       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090788               | T47-R8W5:20       | b.b. Rock Cr.                | 8%       |
| 0510090789               | T47-R8W5:21       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090789               | T47-R8W5:21       | b.b. Rock Cr.                | 8%       |
| 0510090790               | T47-R8W5:23       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090790               | T47-R8W5:23       | b.b. Rock Cr.                | 8%       |
| 0510090791               | T47-R8W5:24       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090791               | T47-R8W5:24       | b.b. Rock Cr.                | 8%       |
| 0510090793               | T47-R8W5:25       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090793               | T47-R8W5:25       | b.b. Rock Cr.                | 8%       |
| 0510090794               | T47-R8W5:26       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090794               | T47-R8W5:26       | b.b. Rock Cr.                | 8%       |
| 0510090795               | T47-R8W5:S&NE27   | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090795               | T47-R8W5:S&NE27   | b.b. Rock Cr.                | 8%       |
| 0510090796               | T47-R8W5:S28      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090796               | T47-R8W5:S28      | b.b. Rock Cr.                | 8%       |
| 0510090798               | T47-R8W5:35       | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090798               | T47-R8W5:35       | b.b. Rock Cr.                | 8%       |
| 0511040371               | T47-R9W5: E12     | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511040371               | T47-R9W5: E12     | b.b. Rock Cr.                | 8%       |
| 0510090799               | T47-R9W5: NE13    | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0510090799               | T47-R9W5: NE13    | b.b. Rock Cr.                | 8%       |
| 0511020163               | T47-R9W5: 22      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020163               | T47-R9W5: 22      | b.b. Rock Cr.                | 8%       |
| 0511020165               | T47-R9W5: 23      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020165               | T47-R9W5: 23      | b.b. Rock Cr.                | 8%       |
| 0511020166               | T47-R10W5: 3      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020166               | T47-R10W5: 3      | b.b. Rock Cr.                | 8%       |
| 0511020167               | T47-R10W5: 4      | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020167               | T47-R10W5: 4      | b.b. Rock Cr.                | 8%       |
| 0511020168               | T47-R10W5: 10     | b.b. Mann.to b.Rock Cr.      | 16%      |
| 0511020168               | T47-R10W5: 10     | b.b. Rock Cr.                | 8%       |

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| 0511020169               | T47-R10W5: 15           | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511020169               | T47-R10W5: 15           | b.b. Rock Cr.                            | 8%       |
| 0511020175               | T47-R10W5: W25          | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511020175               | T47-R10W5: W25          | b.b. Rock Cr.                            | 8%       |
| 0511020176               | T47-R11W5: 13           | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511020176               | T47-R11W5: 13           | b.b. Rock Cr.                            | 8%       |
| 0511080062               | T47-R11W5: S36          | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511080062               | T47-R11W5: S36          | b.b. Rock Cr.                            | 8%       |
| 0511080062               | T47-R11W5: N36          | b.b. Mann. to b. Rock Cr.                | 16%      |
| 0511080062               | T47-R11W5: N36          | b.b. Rock Cr. to b. Nordegg & b.b. Nisku | 8%       |
| 0510090803               | T48-R7W5:7              | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0510090803               | T48-R7W5:7              | b.b. Rock Cr.                            | 8%       |
| 0510090814               | T48-R8W5:3              | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0510090814               | T48-R8W5:3              | b.b. Rock Cr.                            | 8%       |
| 0510090819               | T48-R8W5:11             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0510090819               | T48-R8W5:11             | b.b. Rock Cr.                            | 8%       |
| 0510090820               | T48-R8W5:12             | b.b. Mann. to b. Rock Cr.                | 16%      |
| 0510090820               | T48-R8W5:12             | b.b. Rock Cr. to b. Nordegg              | 8%       |
| 0510090824               | T48-R8W5:17             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0510090824               | T48-R8W5:17             | b.b. Rock Cr.                            | 8%       |
| 0510090826               | T48-R8W5:23             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0510090826               | T48-R8W5:23             | b.b. Rock Cr.                            | 8%       |
| 0510090829               | T48-R8W5:S29            | b.b. Nisku                               | 8%       |
| 0511030259               | T48-R9W5:NE21           | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030259               | T48-R9W5:NE21           | b.b. Rock Cr.                            | 8%       |
| 0511030261               | T48-R9W5:22             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030261               | T48-R9W5:22             | b.b. Rock Cr.                            | 8%       |
| 0511040374               | T48-R10W5:SW10          | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511040374               | T48-R10W5:SW10          | b.b. Rock Cr.                            | 8%       |
| 0511030272               | T49-R9W5:N9             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030272               | T49-R9W5:N9             | b.b. Rock Cr.                            | 8%       |
| 0512070098               | T49-R9W5:S9             | b.b. Nisku                               | 8%       |
| 0511030277               | T49-R9W5:16             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030277               | T49-R9W5:16             | b.b. Rock Cr.                            | 8%       |
| 0511040377               | T49-R9W5:SE21           | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511040377               | T49-R9W5:SE21           | b.b. Rock Cr.                            | 8%       |
| 5412070164               | T49-R9W5:N&SW21, 22, 23 | b.b. Nordegg                             | 8%       |
| 0511100144               | T49-R9W5:22             | b.b. Mann. to b. Rock Cr.                | 16%      |
| 0511100144               | T49-R9W5:22             | b.b. Rock Cr. to b. Nordegg              | 8%       |
| 0511100145               | T49-R9W5:23             | b.b. Mann. to b. Rock Cr.                | 16%      |
| 0511100145               | T49-R9W5:23             | b.b. Rock Cr. to b. Nordegg              | 8%       |
| 0510120376               | T49-R11W5:N&SW16        | b.b. Rock Cr. to b. Banff                | 8%       |
| 0510120378               | T49-R11W5:N&SW16, SE21  | b. b. Banff                              | 8%       |
| 0510120379               | T49-R11W5:SE21          | b.b. Rock Cr. to b. Banff                | 8%       |
| 0511030282               | T49-R11W5:36            | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030282               | T49-R11W5:36            | b.b. Rock Cr.                            | 8%       |
| 0511030286               | T50-R8W5:7              | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030286               | T50-R8W5:7              | b.b. Rock Cr.                            | 8%       |
| 0511030287               | T50-R8W5:E18            | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030287               | T50-R8W5:E18            | b.b. Rock Cr.                            | 8%       |
| 0511030289               | T50-R9W5:1              | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030289               | T50-R9W5:1              | b.b. Rock Cr.                            | 8%       |
| 0511030293               | T50-R9W5:29             | b.b. Nordegg                             | 8%       |
| 0511030294               | T50-R9W5:33             | b.b. Mann.to b.Rock Cr.                  | 16%      |
| 0511030294               | T50-R9W5:33             | b.b. Rock Cr.                            | 8%       |



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| 0511030297               | T50-R10W5:N5      | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030297               | T50-R10W5:N5      | b.b. Rock Cr.               | 8%       |
| 0511030298               | T50-R10W5:8       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030298               | T50-R10W5:8       | b.b. Rock Cr.               | 8%       |
| 0511030299               | T50-R10W5:9       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030299               | T50-R10W5:9       | b.b. Rock Cr.               | 8%       |
| 0511030301               | T50-R10W5:17      | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030301               | T50-R10W5:17      | b.b. Rock Cr.               | 8%       |
| 0511030302               | T50-R10W5:N17     | b.b. Edmt. to b. B.R.       | 16%      |
| 0512070102               | T50-R10W5:20      | b.b. Banff                  | 8%       |
| 0511030303               | T50-R10W5:NE28    | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030303               | T50-R10W5:NE28    | b.b. Rock Cr.               | 8%       |
| 0512070103               | T50-R10W5:NW28    | b.b. Nisku                  | 8%       |
| 0510080155               | T50-R10W5:S&NW29  | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0510080155               | T50-R10W5:S&NW29  | b.b. Rock Cr.               | 8%       |
| 0510080155               | T50-R10W5: E32    | b.b. Nisku                  | 8%       |
| 0511030306               | T50-R10W5:N&SE31  | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030306               | T50-R10W5:N&SE31  | b.b. Rock Cr.               | 8%       |
| 0512070104               | T50-R10W5:SW31    | b.b. Nordegg                | 8%       |
| 0510080156               | T50-R10W5: E33    | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0510080156               | T50-R10W5: E33    | b.b. Rock Cr.               | 8%       |
| 0510080156               | T50-R10W5: W33    | b.b. Nisku                  | 8%       |
| 0511080073               | T50-R14W5:28      | b.b. Bluesky to b. Rock Cr. | 16%      |
| 0511080073               | T50-R14W5:28      | b.b. Rock Cr.               | 8%       |
| 0511030316               | T51-R9W5:7        | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030316               | T51-R9W5:7        | b.b. Rock Cr.               | 8%       |
| 0511030318               | T51-R9W5:W8       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030318               | T51-R9W5:W8       | b.b. Rock Cr.               | 8%       |
| 0512070105               | T51-R9W5:E8       | b.b. Nisku                  | 8%       |
| 0511040379               | T51-R9W5:11       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511040379               | T51-R9W5:11       | b.b. Rock Cr.               | 8%       |
| 0511040380               | T51-R9W5:14       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511040380               | T51-R9W5:14       | b.b. Rock Cr.               | 8%       |
| 0511030319               | T51-R9W5:15       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030319               | T51-R9W5:15       | b.b. Rock Cr.               | 8%       |
| 0511120453               | T51-R9W5:N&SE17   | Surf. to b. Rock Cr.        | 16%      |
| 0511120453               | T51-R9W5:N&SE17   | b.b. Rock Cr.               | 8%       |
| 0511030321               | T51-R9W5:SW17     | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030321               | T51-R9W5:SW17     | b.b. Rock Cr.               | 8%       |
| 0511030323               | T51-R9W5:19       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030323               | T51-R9W5:19       | b.b. Rock Cr.               | 8%       |
| 0511030324               | T51-R9W5:23       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030324               | T51-R9W5:23       | b.b. Rock Cr.               | 8%       |
| 0511030325               | T51-R9W5:24       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030325               | T51-R9W5:24       | b.b. Rock Cr.               | 8%       |
| 0511030326               | T51-R9W5:28       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030326               | T51-R9W5:28       | b.b. Rock Cr.               | 8%       |
| 0511030327               | T51-R9W5:29       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030327               | T51-R9W5:29       | b.b. Rock Cr.               | 8%       |
| 0512070106               | T51-R9W5:32       | Surf. to b. Rock Cr.        | 16%      |
| 0512070106               | T51-R9W5:32       | b.b. Rock Cr.               | 8%       |
| 0511030329               | T51-R9W5:34       | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030329               | T51-R9W5:34       | b.b. Rock Cr.               | 8%       |
| 0511030330               | T51-R9W5:N35      | b.b. Mann.to b.Rock Cr.     | 16%      |
| 0511030330               | T51-R9W5:N35      | b.b. Rock Cr.               | 8%       |

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| 0511030332               | T51-R10W5:S2      | b.b. Mann.to b.Rock Cr.                                | 16%      |
| 0511030332               | T51-R10W5:S2      | b.b. Rock Cr.  | 8%       |
| 0512070107               | T51-R10W5:N2, 11  | b.b. Nisku   | 8%       |
| 0511030334               | T51-R10W5:3       | b.b. Mann.to b.Rock Cr.                                | 16%      |
| 0511030334               | T51-R10W5:3       | b.b. Rock Cr.  | 8%       |
| 0510080158               | T51-R10W5:N&SE4   | b.b. Vik. to b. Rock Cr.                               | 16%      |
| 0510080158               | T51-R10W5:N&SE4   | b.b. Rock Cr.  | 8%       |
| 0512070108               | T51-R10W5:SW4     | b.b. Nisku   | 8%       |
| 0511030336               | T51-R10W5:SW5     | b.b. Mann.to b.Rock Cr.                                | 16%      |
| 0511030336               | T51-R10W5:SW5     | b.b. Rock Cr.  | 8%       |
| 0512070109               | T51-R10W5:SE5     | b.b. Nisku   | 8%       |
| 0510080160               | T51-R10W5:N5      | b.b. Vik. to b. Rock Cr.                               | 16%      |
| 0510080160               | T51-R10W5:N5      | b.b. Rock Cr.  | 8%       |
| 0510080162               | T51-R10W5:8       | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0510080162               | T51-R10W5:8       | b.b. Rock Cr.  | 8%       |
| 0510080162               | T51-R10W5: 17     | b.b. Vik. to b. Rock Cr.                               | 16%      |
| 0510080162               | T51-R10W5: 17     | b.b. Rock Cr.  | 8%       |
| 0510080163               | T51-R10W5:9       | b.b. Vik. to b. Rock Cr.                               | 16%      |
| 0510080163               | T51-R10W5:9       | b.b. Rock Cr.  | 8%       |
| 0511030338               | T51-R10W5:13      | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0511030338               | T51-R10W5:13      | b.b. Rock Cr.  | 8%       |
| 0511030339               | T51-R10W5:19      | b.b. Mann. to b. Rock Cr. excl. NG in L. Mann-Rock Cr. | 16%      |
| 0511030339               | T51-R10W5:19      | b.b. Rock Cr.  | 8%       |
| 0511030341               | T51-R10W5:SE20    | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0511030341               | T51-R10W5:SE20    | b.b. Rock Cr.  | 8%       |
| 0510080170               | T51-R10W5:21      | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0510080170               | T51-R10W5:21      | b.b. Rock Cr.  | 8%       |
| 0511030342               | T51-R10W5:24      | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0511030342               | T51-R10W5:24      | b.b. Rock Cr.  | 8%       |
| 0511040385               | T51-R10W5:SW33    | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0511040385               | T51-R10W5:SW33    | b.b. Rock Cr.  | 8%       |
| 0511030343               | T51-R11W5:24      | b.b. Mann. to b. Rock Cr. excl. NG in L. Mann-Rock Cr. | 16%      |
| 0511030343               | T51-R11W5:24      | b.b. Rock Cr.  | 8%       |
| 0511080079               | T51-R14W5:35      | b.b. Bluesky-Bullhead to b. Rock Cr.                   | 16%      |
| 0511080079               | T51-R14W5:35      | b.b. Rock Cr.  | 8%       |
| 0511030346               | T52-R10W5:S7      | b.b. Mann. To b. Rock Cr.                              | 16%      |
| 0511030346               | T52-R10W5:S7      | b.b. Rock Cr.  | 8%       |
| 0510120389               | T53-R12W5:24      | b.b. Rock Cr.  | 8%       |
| 0510120390               | T53-R12W5:35      | b.b. Rock Cr.  | 8%       |
| 0510120393               | T54-R11W5:N6      | b.b. Rock Cr.  | 8%       |
| 0511080092               | T54-R11W5:7       | b.b. Rock Cr.  | 8%       |
| 0511080093               | T54-R12W5:12      | b.b. Rock Cr.  | 8%       |