## 2016 Second Quarter Results July 29, 2016





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The terms "EBITDA" and "EBITDA Margin" do not have a standardized meaning prescribed by IFRS, and therefore the Company's definitions are unlikely to be comparable to similar measures presented by other companies. The Company believes that in addition to conventional measures prepared in accordance with IFRS, the Company and certain investors and analysts use this information to evaluate the Company's performance. In particular, management uses these measures for internal valuation for the period and to assist with planning and forecasting of future operations. The presentation of EBITDA and EBITDA Margin is not meant to be a substitute for the information presented in accordance with IFRS, but rather should be evaluated in conjunction with such IFRS measures.

All amounts are expressed in United States dollars unless otherwise indicated

YAMANAGOLD

- Daniel Racine
- Gil Clausen
- William Wulftange
- Barry Murphy
- Jason LeBlanc



## Peter Marrone Chairman and CEO

- Remain on track to meet consolidated gold and silver production guidance
- Anomalous performance at Chapada negatively impacted production and costs
- □ Remaining mines are meeting or exceeding expectations
- Costs in Q2 were higher than in Q1 as expected but higher than forecast, accentuated by impact of lower Chapada production, and the resulting impact to costs
- Foreign exchange assumptions have proven incorrect, most notably the Brazilian real, which was much stronger than projected
- Decision to recommission C1 Santa Luz following the completion of financial and technical analyses
- □ Margin and cash flows have increased year-over-year for both Q2 and H1
- □ Advancing NAV increase opportunities
- □ Strategic transaction to sell Mercedes

FY2016 production guidance is summarized as follows, with gold and silver remaining unchanged but copper production guidance lowered

|                       | <b>2016</b> E <sup>(1)</sup> |
|-----------------------|------------------------------|
| Production            |                              |
| Gold (oz.)            | 1.26M - 1.34M                |
| Silver (oz.)          | 6.9M - 7.2M                  |
| Copper (Ibs. Chapada) | +110M                        |

□ FY 2016 cost guidance has been updated using a range based on spot and consensus F/X

| 2016E   | Co-Product    |                   |                 |  |  |
|---|---------------|-------------------|-----------------|--|--|
|   | Gold          | Silver            | Copper          |  |  |
| Consolidated Cash <sup>(2)</sup> Costs (/oz.) | \$635 - \$675 | \$8.50 - \$9.00   | \$1.55 - \$1.75 |  |  |
| Consolidated AISC <sup>(2)</sup> (/oz.)       | \$880 - \$920 | \$12.00 - \$12.50 | \$1.95 - \$2.15 |  |  |

Poised to INCREASE PRODUCTION AND DECREASE COSTS for remainder of 2016

Portfolio provides NUMEROUS OPPORTUNITIES TO INCREASE VALUE

1. Does not factor in the sale of Mercedes, expected to close on September 30, 2016.

2. A non-GAAP measure. A reconciliation of which can be found at www.yamana.com/Q22016 in accordance with previous Canadian GAAP for public entities.

## 2016 Second Quarter Operational Highlights

|   | Q2 2016 | Q2 2015 | Change |
|---|---------|---------|--------|
| Gold  |         |         |        |
| Production (oz.) <sup>(1)</sup>             | 313,086 | 293,708 | 7%     |
| Cash costs (/oz.) <sup>(2)</sup>            | \$664   | \$577   | 15%    |
| Co-product cash costs (/oz.) <sup>(2)</sup> | \$699   | \$705   | (1)%   |
| AISC (/oz.) <sup>(2)</sup>                  | \$964   | \$860   | 12%    |
| Co-product AISC (/oz.) <sup>(2)</sup>       | \$949   | \$941   | 1%     |
| Silver                                      |         |         |        |
| Production (oz.)                            | 1.8M    | 2.4M    | (24)%  |
| Co-product cash costs (/oz.)                | \$8.50  | \$9.30  | (9)%   |
| AISC (/oz.)                                 | \$12.31 | \$11.71 | 5%     |
| Copper                                      |         |         |        |
| Production (lbs.)                           | 23.2M   | 33.6M   | (31)%  |
| Co-product cash costs (/lbs.)               | \$1.80  | \$1.40  | 29%    |

- Focusing on operational execution and generating cash flow and net free cash flow
- Cash flows before changes in working capital<sup>(2,3)</sup> of \$202M, an increase of \$53M from Q2 '15
- Net free cash flow<sup>(2)</sup> of \$37.4M, an increase of \$15.2M from Q2 '15

## Operational performance was IN LINE WITH EXPECTATIONS in Q2

1. From continuing operations

2. A non-GAAP measure. A reconciliation of which can be found at www.yamana.com/Q22016 in accordance with previous Canadian GAAP for public entities.

3. Cash flows from operating activities.



# **Daniel Racine**

## Second Quarter 2016 Operational Summary

| Chapada | Tonnes processed | Production (oz.) | Cash Costs/oz. <sup>(1)</sup> | AISC/oz. <sup>(1)</sup> | Grade (g/t) | Recovery Rate |
|---------|------------------|------------------|-------------------------------|-------------------------|-------------|---------------|
| Gold    | 4,254,664        | 17,299           | \$(128)                       | \$851                   | 0.24        | 51.3%         |
| Silver  |                  | 52,642           | \$(13.98)                     | <i>\$9.35</i>           | -           | -             |
| Copper  |                  | 23.2M lbs.       | \$1.80/lbs.                   | \$2.43/lbs.             | 0.33%       | 73.6%         |

Adverse weather conditions and collateral operational challenges negatively impacted production and costs - operational challenges primarily relating to the crushing circuit have been repaired and normal operations have resumed

- Changes to the flotation circuit were completed in Q2 and are expected to increase recoveries recoveries in last two weeks of July for copper and gold were 83% and 56%, respectively
- 2016 production now projected to be +110M lbs. copper and 106,000 oz. gold
- 2017 and 2018 production expectations remain unchanged
- Updating study at Suruca to current economic inputs production start-up targeted for Q1 '19 with annual production expectations of 45k to 60k oz.

| El Peñón   | Tonnes processed | Production (oz.) | Cash Costs/oz. | AISC/oz. | Grade (g/t) | Recovery Rate |  |
|--|------------------|------------------|----------------|----------|-------------|---------------|--|
| Gold   | 355,359          | 54,123           | \$686          | \$923    | 5.05        | 94.0%         |  |
| Silver   |                  | 1,522,242        | \$8.54         | \$11.53  | 153.43      | 86.5%         |  |
| Mine development increased significantly compared to Q1 '16 and other improvements in the mine continue to advance, including a review of mining method and mineral reserves |                  |                  |                |          |             |               |  |

## Second Quarter 2016 Operational Summary

#### YAMANAGOLD

| Canadian<br>Malartic (50%)   | Tonnes<br>processed  | Production (oz.)   | Cash<br>Costs/oz. <sup>(1)</sup> | AISC/<br>oz. <sup>(1)</sup> | Grade<br>(g/t) | Recovery<br>Rate |  |  |
|--|--|--------------------|----------------------------------|-----------------------------|----------------|------------------|--|--|
| Gold   | 2,524,370  | 72,502             | \$621                            | \$867                       | 1.00           | 89.1%            |  |  |
| <ul> <li>Achieved record avg. quarterly throughput of 55,481 tpd as well as record H1 total throughput</li> <li>Optimization of planned maintenance shutdowns and other improvements contributing to throughput increases</li> </ul>   |  |                    |                                  |                             |                |                  |  |  |
| A new remote shovel<br>grade ore from the n  |  | ed late in Q2, has | improved oper                    | ational sta                 | ability wit    | h higher         |  |  |
| On track to achieve of the second | or exceed gui  | dance              |                                  |                             |                |                  |  |  |
| Advancing drilling at  | Odyssey with   | favourable result  | ts                               |                             |                |                  |  |  |
| Jacobina   | JacobinaTonnes<br>processedProduction (oz.)Cash<br>Costs/oz.AISC/oz.Grade<br>(g/t)Recovery<br>Rate |                    |                                  |                             |                |                  |  |  |
| Gold   | 450,142  | 29,002             | \$714                            | \$1,022                     | 2.09           | 95.7%            |  |  |
| Continued to exceed expectations in Q2 with further improvements in production and costs   |  |                    |                                  |                             |                |                  |  |  |
| Development and pro  | oduction from  | higher grade are   | as continued to                  | advance                     |                |                  |  |  |
| Flexibility available  | to increase th   | nroughput and gra  | ade                              |                             |                |                  |  |  |

1. A non-GAAP measure. A reconciliation of which can be found at www.yamana.com/Q22016 in accordance with previous Canadian GAAP for public entities.

## 2016 Second Quarter Operational Summary

| Gualcamayo  | Tonnes<br>processed                           | Production (oz.)   | Cash<br>Costs/oz. <sup>(1)</sup> | AISC/<br>oz. <sup>(1)</sup> | Grade<br>(g/t) | Recovery<br>Rate |  |
|---|---|--------------------|----------------------------------|-----------------------------|----------------|------------------|--|
| Gold  | 1,853,721                                     | 40,264             | \$828                            | \$866                       | 0.94           | 72.1%            |  |
| Continued strong per                                  | formance as p                                 | production increas | sed due to high                  | er through                  | put and re     | ecoveries        |  |
| Continue to expect q<br>to increase and the b         | •   | •                  |                                  | 0                           | grades ar      | e planned        |  |
| Positive results from                                 | Positive results from near mine oxide targets |                    |                                  |                             |                |                  |  |
| Deep Carbonates technical studies continue to advance |   |                    |                                  |                             |                |                  |  |
|   |   |                    |                                  |                             |                |                  |  |
|   |   |                    |                                  |                             |                |                  |  |

| Minera Florida | Tonnes<br>processed | Production (oz.) | Cash<br>Costs/oz. | AISC/oz. | Grade<br>(g/t) | Recovery<br>Rate |
|----------------|---------------------|------------------|-------------------|----------|----------------|------------------|
| Gold           | 395,592             | 24,211           | \$785             | \$990    | 2.34           | 81.2%            |
| Silver         |                     | 112,760          | \$9.70            | \$12.23  | 16.50          | 54.0%            |

Higher production at lower overall costs expected in H2 '16

Advancing efforts to reduce downtime in the underground mine and initiatives relating to the processing plant to improve recoveries, results of these efforts expected to be realized in H2 '16

## 2016 Second Quarter Operational Summary

#### YAMANAGOLD

#### Mercedes

- Continuing improved operational performance resulting from a revised mine plan and cost structure, and more selective mining
- Production of 22,948 oz. gold at cash costs<sup>(1)</sup> and AISC<sup>(1)</sup> of \$720/oz. and \$835/oz., respectively
- Production of 103,262 oz. silver at cash costs and AISC of \$9.05/oz. and \$10.50/oz., respectively
- Processing plant improvements expected to begin increasing gold and silver recoveries beginning in Q4 '16

#### Pilar

- Another record for quarterly production resulting from the contribution of Maria Lazarus, higher recoveries and higher throughput
- Production of 22,806 oz. gold at cash costs and AISC of \$679/oz. and \$853/oz., respectively

#### Fazenda Brasileiro

- Continued strong performance with higher year-over-year production at lower cash costs resulting from increased throughput, feed grades and recoveries
- Production of 16,873 oz. gold at cash costs and AISC of \$726/oz. and \$988/oz., respectively

#### RDM

- Studies currently underway to explore optimization opportunities, including obtaining alternative water sources to support consistent and sustained production in shortterm
- Potential to source water from a nearby creek, thereby deferring required capital for dam construction until 2017 and improving 2016 cash flow
- Production of 13,058 oz. gold at cash costs and AISC of \$807/oz. and \$883/oz., respectively



# **Gil Clausen**

## Strategic Developments: C1 Santa Luz – Moving to Execution Phase

Completed approximately 16,400 metres of drilling since October 2015 to better define metallurgy, and expand and convert the Mineral Resource

|                                 | Tonnes (t) | Gold Grade<br>(g/t) | Contained<br>Gold (oz.) |
|---------------------------------|------------|---------------------|-------------------------|
| Total P&P Mineral Reserves      | 26.7M      | 1.42                | 1.2M                    |
| Total M&I Mineral Resources     | 12.4M      | 1.95                | 780k                    |
| Total Inferred Mineral Resource | 5.9M       | 2.06                | 395k                    |

### <u>Mining:</u>

- Larger Mineral Resource supports plan to increase plant capacity to 2.7M tpa
- Initial mine life estimated at 10 years with avg. annual production of 114,000 oz. for the first 7 years
- The underground resource offers potential to supplement production and extend mine life

#### Processing:

- 'Whole ore leach' flow sheet allows for processing non-carbonaceous and carbonaceous minerals, and accommodates the variability in the 'preg-robbing' organic concentrations
- Expect overall recovery rates to avg. 84% between dacite and carbonaceous ore
- Expected modifications to the existing circuit include an additional vertimill for a higher processing rate

## Strategic Developments: C1 Santa Luz - Operational and Economic Highlights

| Capital, Production and Operating Co     | st Estimates | Gold Price Sensitivity (per oz.)  | \$1,170 |           | \$1,430  |
|--|--------------|---|---------|-----------|----------|
| Plant Capex (incl. contingency)          | \$42.3M      | " (at consensus Brazilian Real to<br>U.S. Dollar)                       | (-10%)  | \$1,300   | (+10%)   |
| Other Capex                              | \$41.9M      | - After-tax NPV (5%)  | \$174M  | \$268M    | \$360M   |
| Total Capex                              | \$84.2M      |   | φ174IVI | φ200ΙνΙ   | \$300IVI |
| Total Tonnes Processed                   | 26.7M        | After-tax IRR   | 48%     | 71%       | 93%      |
| Avg. Gold Head Grade (g/t)               | 1.42         | Brazilian Real Sensitivity  |         | Consensus |          |
| Avg. Recovery Rate                       | 84%          | (Brazilian Real to U.S. Dollar)<br>(at a \$1,300 per oz. gold price)    | -10%    | (3.75)    | +10%     |
| Total Gold production (oz.)              | 1.03M        |   |         |           | +        |
| Avg. Annual Production (first seven      | 114,000      | After-tax NPV (5%)  | \$204M  | \$268M    | \$320M   |
| years) (oz.)                             | 114,000      | After-tax IRR   | 50%     | 71%       | 91%      |
| Total LOM Sustaining Capital             | \$24.8M      |   |         |           |          |
| Total Operating Costs (per tonne milled) | \$29.71      | <ul> <li>At spot gold price of \$<br/>of 3.30, after-tax NPV</li> </ul> |         |           |          |
| Avg. LOM AISC (per oz.) <sup>(1)</sup>   | <\$850       | \$180M and 47%  |         |           |          |

Project offers AFTER-TAX NPV (5%) AND IRR OF \$268M AND 71%, respectively

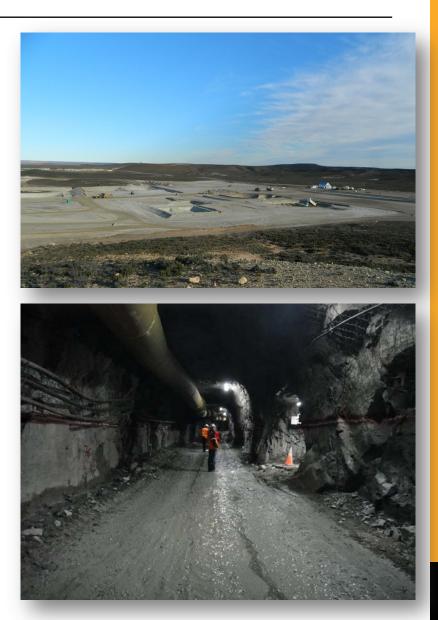


# Barry Murphy

## Strategic Developments: Cerro Moro

## YAMANAGOLD

- 2016 construction plan includes progressing underground development, initiation of site construction activities and the advancement of detailed engineering.
- Objectives of the early underground development is to fully understand the mining risks and thereby eliminate the risks to start-up in Q2 2018
- Planned expenditures for 2016 of approximately \$53M
  - Spend to date in 2016 of approximately \$20.4M, and project to date of \$47.2M
- Planned initial capital expenditure in 2017 and 2018 of \$224M, with the majority of this occurring in 2017



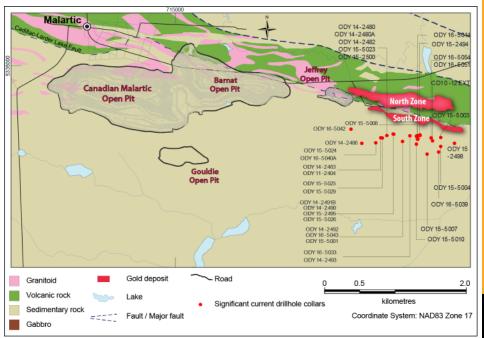
- Development progress to the end of Q2 include:
  - Completion of 325 metres of the 617 metres of planned underground development for 2016
  - Detailed engineering is now 73% complete advancing to a target of 85% by year end
  - Bulk earthworks was completed ahead of schedule and the concrete contractor has mobilized to site
  - Procurement progress is tracking well with most long lead items ordered (e.g. ball mill, thickeners, refinery package)
- Exploration drilling continues with the objective of increasing the size of the mineral resource and improving the current mineral resource categorization
- Exploration program has the potential to significantly improve mine life, returns and value from this high grade project





# William Wulftange

- The Odyssey deposit is located east of the main pit at Canadian Malartic consisting of North and South zones and represents an entirely new mineralized structure
- The North zone was discovered in early 2014 and is the focus of the 2016 exploration program with the South zone currently identified as a secondary target
- Total budget for the 2016 program is now C\$13.5M on a 100%-basis (up from initial C\$8M budget) with approximately 95,000 metres of drilling planned
- □ Approximately 53,000 metres of drilling were completed to the end of June
- Infill grid drilling of the North zone is expected to define certain structural domains and limits of mineralization
- Multiple intercepts support typical North zone mineralization in the range of 15m true width with a grade of 2.0 g/t gold<sup>(1)</sup>
- An Inferred Mineral Resource for the North zone is expected by year-end 2016



| Chanada         | <ul> <li>Continuing with exploration and development at Sucupira to define a<br/>larger Mineral Resource to bring into production as early as 2018</li> </ul>                  |
|-----------------|--|
| Chapada         | <ul> <li>Drilling at Suruca returning positive results in support of extending the<br/>oxide mineralization and project mine life</li> </ul>                                   |
|                 | <ul> <li>Delineation and infill drilling returning results at or above reserve grade<br/>across potentially mineable widths</li> </ul>   |
| Jacobina        | <ul> <li>Drilling indicates new mineral zones continue to depth beneath the João<br/>Belo open pit, which will be evaluated for mineral resource<br/>categorization</li> </ul> |
| Mercedes        | <ul> <li>A new splay of the mineral structure at Klondike with mineable widths<br/>and grades has been identified with follow-up drilling underway</li> </ul>                  |
| Gualcamayo      | <ul> <li>Drill testing adjacent to QDD Main pit is returning positive results with<br/>recently discovered oxide targets to be included in LOM planning</li> </ul>             |
| Manunant        | <ul> <li>Looking to extend and recategorize Mineral Resources</li> </ul>   |
| Monument<br>Bay | <ul> <li>Recent results have helped define several high grade ore shoots and<br/>improved clarity on high grade down dip targets for follow-up drilling</li> </ul>             |

## Additional **EXPLORATION SUCCESS AND POSITIVE RESULTS** delivered at **OTHER PROPERTIES** in the portfolio



# Jason LeBlanc

|  | Q2 2016   | Q2 2015   | % Change |
|--|-----------|-----------|----------|
| Revenue <sup>(1)</sup>                           | \$466.5M  | \$455.0M  | 3%       |
| Avg. realized gold price/oz.                     | \$1,267   | \$1,195   | 6%       |
| Avg. realized silver price/oz.                   | \$16.82   | \$16.28   | 3%       |
| Avg. realized copper price/lbs.                  | \$2.12    | \$2.75    | (23)%    |
| Gold sold (oz.)                                  | 312,356   | 292,181   | 7%       |
| Silver sold (oz.)                                | 1,782,952 | 2,332,161 | (24)%    |
| Copper payable contained in concentrate (M lbs.) | 26.0      | 31.5      | (17)%    |

**GOLD AND SILVER PRICE UP** modestly over 2015 but copper price significantly lower

**PRODUCTION INCREASES** expected to contribute significantly to revenue in H2 '16

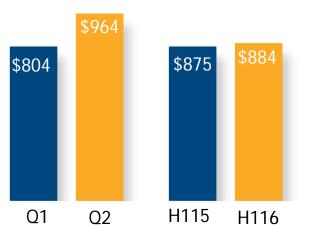
## Ouarter-over-Quarter 2016 Costs: Impact of Timing of Spending and Foreign Exchange Rate Movements

## YAMANAGOLD

\$590 Q1 Q2 H115 H116

Cash costs<sup>(1)</sup> (per oz. gold)

AISC<sup>(1)</sup> (per oz. gold)



- Most significant drivers of higher Q2 cash costs were:
  - 12% increase in secondary development compared to Q1
  - Continued strengthening of local currencies including within the 3 most significant jurisdictions; BRL, CLP and CAD were higher than Q1 by 11%, 4% and 7%, respectively
  - Lower production from Chapada
- □ Most significant drivers of higher Q2 AISC were:
  - Timing of capital spending represented by 55% increase in sustaining capital compared to Q1
  - Amplification of foreign exchange rate differentials on capital spending
  - Increase in general & administrative expenses as anticipated; on track for full year guidance
  - Planned higher exploration spending

# Significant Financial Performance: Earnings and Adjusted Earnings

|   | Q2 2016        | Q2 2015        | Change         |
|---|----------------|----------------|----------------|
| Net earnings/(loss) (1)   | \$32.9M        | \$(7.0)M       | \$39.9M        |
| Net earnings/(loss) per share <sup>(1)</sup>  | \$0.03         | \$(0.01)       | \$0.04         |
| Adjusted earnings/(loss) <sup>(1,2)</sup>   | \$5.4M         | \$(8.3)M       | \$13.7M        |
| Adjusted earnings/(loss) per share <sup>(1,2)</sup>   | \$0.01         | \$(0.01)       | \$0.02         |
| Mine operating earnings   | \$63.7M        | \$56.2M        | \$7.5M         |
| General and administrative expenses   | \$23.6M        | \$29.8M        | \$(6.2)M       |
| DD&A  | \$119.3M       | \$124.3M       | \$(5.0)M       |
| Expansionary Capital  | \$20.6M        | \$23.0M        | \$(2.4)M       |
| Exploration capitalized/expensed  | \$24.2M/\$5.3M | \$14.0M/\$4.0M | \$10.2M/\$1.3M |
| Cash flows from operating activities <sup>(3)</sup>   | \$202.0M       | \$123.4M       | \$78.6M        |
| Cash flows from operating activities before net changes in working capital <sup>(2,3)</sup> | \$202.0M       | \$149.3M       | \$52.7M        |

1. From continuing operations attributable to Yamana equity holders.

2. A non-GAAP measure. A reconciliation of which can be found at www.yamana.com/Q22016 in accordance with previous Canadian GAAP for public entities.

3. Includes a \$56.0 million advance payment on the metal purchase agreement with Altius.

## Significant Financial Performance: Strong Margins Continue

|                                  | FIRST HALF |          |             | SECOND QUARTER |          |             |  |
|----------------------------------|------------|----------|-------------|----------------|----------|-------------|--|
|                                  | H1 2016    | H1 2015  | %<br>Change | Q2 2016        | Q2 2015  | %<br>Change |  |
| Gross Margin <sup>(1)</sup>      | \$380.5M   | \$356.2  | 7%          | \$183.0M       | \$180.5M | 1%          |  |
| Gross Margin as % of Revenue     | 42%        | 39%      | 8%          | 39%            | 40%      | (3)%        |  |
| EBITDA Margin <sup>(2)</sup>     | \$316.8M   | \$252.1M | 26%         | \$147.9M       | \$136.7M | 8%          |  |
| EBITDA Margin as % of<br>Revenue | 35%        | 28%      | 25%         | 32%            | 30%      | 7%          |  |

Margins continue to show IMPROVEMENT OVER PRIOR YEAR

1. Gross margin excluding depletion, depreciation and amortization.

2. EBITDA Margin is a non-GAAP measure and does not have a standardized meaning prescribed by IFRS. The Company Calculated this measure based on gross margin excluding depletion, depreciation and amortization after deducting general and administrative, exploration and evaluation and other expenses.

## Significant Financial Performance: Net Free Cash Flow YAMANAGOLD

|  | FIRST HALF |           |          |  | SECOND QUARTER |          |          |  |
|--|------------|-----------|----------|--|----------------|----------|----------|--|
|  | H1 2016    | H1 2015   | Change   |  | Q2 2016        | Q2 2015  | Change   |  |
| Cash flows from operating activities after net changes in working capital <sup>(1)</sup> | \$325.OM   | \$137.8M  | \$187.2M |  | \$202.0M       | \$123.4M | \$78.6M  |  |
| Less: Advance payments on metal purchase agreement                                       | \$64.0M    | _         | \$64.0M  |  | \$56.OM        | -        | \$56.0M  |  |
| Less: Non-discretionary items related to the current period                              |            |           |          |  |                |          |          |  |
| Sustaining capital expenditures  | \$126.5M   | \$114.6M  | \$11.9M  |  | \$76.8M        | \$64.7M  | \$12.1M  |  |
| Interest and finance expenses paid   | \$48.8M    | \$54.9M   | \$(6.1)M |  | \$31.8M        | \$36.5M  | \$(4.7)M |  |
| Net Free Cash Flow <sup>(2)</sup>  | \$85.7M    | \$(31.7)M | \$117.4M |  | \$37.4M        | \$22.2M  | \$15.2M  |  |

**NET FREE CASH FLOW IS EXPECTED TO INCREASE** over the balance of 2016, strengthening the balance sheet and reducing net debt

1. From continuing operations.

2. A non-GAAP measure. A reconciliation of can be found at www.yamana.com/Q22016 in accordance with previous Canadian GAAP for public entities.

## Looking Forward: 2016 Production and Co-Product Cash Cost Guidance

|        |                   | 2016E <sup>(1)</sup>                    |                                   |  |  |  |  |
|--------|-------------------|---|-----------------------------------|--|--|--|--|
|        | Production        | Co-Product<br>Cash Costs <sup>(2)</sup> | Co-Product<br>AISC <sup>(2)</sup> |  |  |  |  |
| Gold   | 1.26M - 1.34M oz. | \$635 - \$675/oz.                       | \$880 - \$920/oz.                 |  |  |  |  |
| Silver | 6.9M - 7.2M oz.   | \$8.50 - \$9.00/oz.                     | \$12.00 - \$12.50/oz.             |  |  |  |  |
| Copper | +110M lbs.        | \$1.55 - \$1.75/lbs.                    | \$1.95 - \$2.15/Ibs.              |  |  |  |  |

- H1 production positions the portfolio to deliver on consolidated full year gold and silver guidance
- Expecting gold production to be stronger in H2 compared to H1
- Includes RDM ramping up over 2016
- Copper production guidance lowered due to operational challenges at Chapada in Q2

- Updated guidance based on year-to-date results, revised business plan and changes to F/X
- Local currencies have been stronger than budget assumptions
- Using a range based on spot and consensus F/X

<sup>1.</sup> Does not factor in the sale of Mercedes, expected to close on September 30, 2016.

<sup>2.</sup> A non-GAAP measure. A reconciliation of can which be found at www.yamana.com/Q22016 in accordance with previous Canadian GAAP for public entities.

