METALS EXPLORATION PLC

RUNRUNO PRESENTATION

ANNUAL GENERAL MEETING
OF SHAREHOLDERS

19 JUNE 2018
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>Project acquired</td>
</tr>
<tr>
<td>2004 - 2008</td>
<td>Exploration demonstrates potential of the project</td>
</tr>
<tr>
<td>2009</td>
<td>Concept study identifies development options and commercial viability</td>
</tr>
<tr>
<td>August 2011</td>
<td>FTAA issued</td>
</tr>
<tr>
<td>2009 - 2010</td>
<td>Feasibility study demonstrated commercial viability based on 1.1 million ounces of recoverable gold over 11 year mine life, capital estimate of USD 180m +/- 10% costing</td>
</tr>
<tr>
<td>February 2010</td>
<td>Environmental Compliance Certificate issued</td>
</tr>
<tr>
<td>October 2011</td>
<td>Declaration of Mining Project Feasibility issued</td>
</tr>
<tr>
<td>July 2012</td>
<td>Pre – commitment site works commenced</td>
</tr>
<tr>
<td>Q1 2013</td>
<td>Project committed to development on basis of “self execute” strategy</td>
</tr>
<tr>
<td>May 2014</td>
<td>USD 83m debt facility secured</td>
</tr>
<tr>
<td>June 2016</td>
<td>Ore commissioning commences</td>
</tr>
<tr>
<td>July 2017</td>
<td>MGB approve Commercial Production Status</td>
</tr>
<tr>
<td>Current</td>
<td>Approaching full production</td>
</tr>
</tbody>
</table>
RUNRUNO GOLD MINE OVERVIEW

• Unique surface cut and fill mining operation,
• Capacity to deliver ore at a rate of 165,000 tonnes per month,
• Gold grade is approximately 1.8 g/tonne gold
• Operations are 24/7 throughout the year,
• Mine life is estimated at 10+ years,
• Environmental Compliance Certificate allows for maximum production of ore of 3.0 million dry metric tonnes per annum and approximately 17.7 million dry metric tonnes per annum of waste,
• It has measured resources of 1.42 million ounces of gold,
• A further 1 million ozs of gold scheduled to be mined over 10.5 years,
• Demonstrated exploration upside.
MINING OPERATIONS

- Surface cut and fill
  - Initial pit created which is back filled as mining progresses
  - Continuous rehabilitation integrated
- Total mine area - 600m x 1,500m - rehabilitated
- 1.75 Mtpa ore - transported by conveyor to the Process Plant
- 9.1 Mtpa overburden - used for the construction of the Tailings Storage Facility and in-pit backfill
- First four years, waste material used in construction of the RSI dam wall or disposed in surface wast dumps
- Remainder of waste disposed in pit
- Conventional open cut, excavator and truck operation
- Komatsu mining fleet – 6x100 t haul trucks, 2 excavators 2 bulldozers and ancillary fleet
- Small fleet contractor - Global
• The Runruno BIOX\textsuperscript{®} circuit is designed to treat 140,000 tonnes per annum of concentrate with a daily capacity of treating 400 tonnes.

• The design sulphide sulphur grade is 15\% S\textsuperscript{2-}.

• Runruno ore is a refractory ore.
PROCESSING

How the process works
BIOX GENERATION III TECHNOLOGY ADVANCES

- Previous generations used a single impeller agitation system to aerate the reactors
- Generation III uses a dual impeller system
- Dual impeller systems provide a significant reduction in both the required installed motor power and the power draw to achieve the required process parameters.
- A standard sparge ring is used to feed air into the reactors
- Internal cooling coils are employed in a closed circuit
- Evaporative cooling towers are used for heat removal.
ASTER – A PROCESS OF DETOXIFICATION OF CIL RESIDUE

• The Aster process has been a resounding success story and the operating achievements being experienced at Runruno has even confounded the IP owners.

• As in BIOX, naturally existing bacteria acts as a catalyst in the detoxification process.

• All cyanide compounds destructed to below an unprecedented 0.5ppm total cyanide before disposal in the RSI.

• Residue discharged from the processing plant is chemically compliant at the plant.
Waste which has been extracted from the Stage 1 of the mine has been and continues to be used to construct the Residual Storage Impoundment (RSI),

The RSI will be primarily constructed from waste material sourced from stage 1 and 2 of the surface mine,

The environmental performance of the RSI is very high, it supports a range of water plants and a number of riverine and lacustrine species including frogs and a number of fish species.
Residual Storage Impoundment (RSI)
LOCAL IMPACT

• The Runruno environment has improved
  • Sulong River in the Runruno area is cleaner
  • Forests re-established
• High levels of employment in a barangay which previously had no formal employment sector
  • Employment practices (including contractors, 1,068 employees)
    • 53% resident in Runruno
    • 67% resident in the Municipality
    • 70% resident in Neuva Vizcaya
    • 80% resident in R2
    • 99% Filipino
    • 32% of the workforce are women – strongly represented at operators
• Improved health outcomes
• Strengthening educational outcomes including University graduates
• Establishment of successful business servicing the Operations needs
• Infrastructure development
• Growing individual prosperity, housing, cars etc.
• Economic development from Runruno to Solano and the host province
• Taxes paid to LLGs and National government
LOCAL IMPACT

- Runruno designed and built to best practice including the use of world leading technology
  - Process includes three pollution control devices to ensure chemical compliance within the plant
    - Neutralisation circuit – neutralised acids precipitates stable base and heavy metal compounds
    - Cyanide detox – SO2 / Air removes fee and majority of WAD cyanide
    - ASTER – cyanide destruct removes remnant free and WAD cyanide and breaks down thiocyanates,
    - Discharge from circuit < 0.5 ppm cyanide total
  - Environmental initiatives
  - Social and community programs
  - Compliance, ISO, Safety, employment conditions
  - Operates to world class standards
2017 OVERVIEW

- Operations have ramped up to or in excess of design (except for BIOX),
- The ore reserve is proving to be sound with a small positive reconciliation in contained gold for ore mined to date albeit at a lower grade due to mining dilution.
- Improved edge control is expected improve the delivered grade.
- Process plant throughput consistently exceeds design.
- Gold recoveries have been below design at around 50% due to difficulties experienced in stabilising and ramping up the BIOX circuit.
- BIOX throughput is increasing steadily and has proven it capability of achieving 100% of design – having achieved 6 weeks at 100% in 2018.
## OPERATIONS BY THE NUMBERS

<table>
<thead>
<tr>
<th>Key Metric</th>
<th>Unit of measure</th>
<th>Quarter ended 31 Mar 2018</th>
<th>Year to date 2018</th>
<th>Period to 31 Dec 2017</th>
<th>Period to 31 Dec 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mining activities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ore mined</td>
<td>tonnes</td>
<td>353,960</td>
<td>353,960</td>
<td>1,815,669</td>
<td>490,558</td>
</tr>
<tr>
<td>Waste mined</td>
<td>tonnes</td>
<td>1,472,217</td>
<td>1,472,217</td>
<td>7,644,821</td>
<td>7,920,205</td>
</tr>
<tr>
<td><strong>Total material movements</strong></td>
<td></td>
<td><strong>1,826,177</strong></td>
<td><strong>1,826,177</strong></td>
<td><strong>9,460,490</strong></td>
<td><strong>8,410,763</strong></td>
</tr>
<tr>
<td>Strip ratio</td>
<td>waste/ore</td>
<td>4.16</td>
<td>4.16</td>
<td>4.05</td>
<td>15.15</td>
</tr>
<tr>
<td>Au grade mined</td>
<td>grams/tonne</td>
<td>1.60</td>
<td>1.60</td>
<td>1.62</td>
<td>1.42</td>
</tr>
<tr>
<td>Ctd¹. ounces gold mined</td>
<td>ounces</td>
<td>18,250</td>
<td>18,250</td>
<td>92,363</td>
<td>22,396</td>
</tr>
<tr>
<td>S² grade</td>
<td>%</td>
<td>0.99</td>
<td>0.99</td>
<td>0.82</td>
<td>0.29</td>
</tr>
<tr>
<td><strong>Processing activities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tonnes milled</td>
<td>tonnes</td>
<td>435,775</td>
<td>435,775</td>
<td>1,688,254</td>
<td>468,170</td>
</tr>
<tr>
<td>S² feed grade</td>
<td>%</td>
<td>0.96</td>
<td>0.96</td>
<td>0.82</td>
<td>0.53</td>
</tr>
<tr>
<td>Au feed grade</td>
<td>grams/tonne</td>
<td>1.38</td>
<td>1.38</td>
<td>1.38</td>
<td>1.29</td>
</tr>
<tr>
<td>Gold recovery</td>
<td>%</td>
<td>54.7%</td>
<td>54.7%</td>
<td>47.9%</td>
<td>51.0%</td>
</tr>
<tr>
<td>Gold poured</td>
<td>ounces</td>
<td>10,593</td>
<td>10,593</td>
<td>36,006</td>
<td>8,166</td>
</tr>
<tr>
<td>Gold sold</td>
<td>ounces</td>
<td>11,338</td>
<td>11,338</td>
<td>35,697</td>
<td>6,489</td>
</tr>
</tbody>
</table>

¹. Ctd: Cullton Total Ounces
². S: Grade

This table provides a comprehensive overview of the operations undertaken over different time periods, including mining and processing activities, to give stakeholders an understanding of the company's performance.