Colombia Mining Sector Overview
Webinar – February 2019
WEBINAR AGENDA AND SPEAKERS

• Welcome- Nicholas Baker, TC Mexico and METS Team Leader Americas.

• Colombia METS Overview
  Saïd Metwalli, Counsellor & Trade Commissioner, Bogota
  Alejandra Calderon, BDM Bogota

• Industry Speakers – Continental Gold – Buritica
  James Hazelton, Procurement & Logistics Manager for Operations

• Industry Speakers – South 32 – Cerro Matoso
  Pedro Oviedo, Production Superintendent
  Jerson Lindao, Planning and Maintenance Reliability Superintendent

• Q & A
MINING RELATED ACTIVITIES

• Turbocharging METS across the Americas
  o Mining client deep-dives (around mine site visits in LATAM and Canada)
  o Australian best practice workshops on training & education, community engagement and environmental solutions

• PDAC global mining show for the Americas
  o Showcase Australian METS capabilities to international mining companies and customers at PDAC

• New Energy Awareness in the Americas
  o Mexico, Peru, Colombia and Argentina
MINING RELATED ACTIVITIES

• PDAC 2019 & LATAM
  ✓ Identify LATAM mining customers who are attending PDAC
  ✓ Invite global mining investors and customers to team Australia Events at PDAC
  ✓ Develop relationships with key global mining investors and customers
  ✓ Showcase Australian METS capabilities to international mining companies and customers
  ✓ Australian METS seminar targeting LATAM mining executives: Latin American mining companies attend PDAC and are looking at Australian METS providers who can increase productivity, reduce cost and innovate their mining projects.

• GOLD SYMPOSIUM, November 2019
  ✓ More info coming soon on the Australian presence and business development program!
COLOMBIA: MINING SECTOR OVERVIEW

- 2% of GDP and 35% of exports
- Investment growth: 2017 29%; 2016 15.2%
- #1 global producer of Emeralds
- #1 thermal coal producer for LATAM
- 9/27 ICMM companies operating in Colombia
- Investment by category: infrastructure, processing plant, exploration and equipment

Vast geological potential: Mining concessions 3.26% territory – 0.45% exploration, 0.46% construction & 2.35% exploitation

- 7,166 mining titles granted
- 41% construction material
- 21% gold and precious metals
- 16% coal

Pipeline
- 5% exploration
- 7% Construction & assembly
- 88% exploitation

350,000 direct jobs & 1 million indirect jobs
COLOMBIA: AUSTRALIAN PRESENCE

40+ AUSTRALIAN COMPANIES DOING BUSINESS IN THE COLOMBIAN MINING SECTOR

30+ Australian METS
20 with a local office or distributor

Australian Global players and junior miners
COLOMBIA: PROJECTS PIPELINE

FLAGSHIP PROJECTS

Production
- 2018
  - Segovia, Marmato & Zancudo Projects
    - Produced 218,001 ozs
  - Bagre project
    - Produced 50,635 ozs

Development
- 2020
  - Buritica Project
    - Proven & probable reserves
    - 3.71 M ozs gold / 10.72 M ozs silver
  - Soto Norte Project
    - +9 M ozs over the 20 yrs mine life

Exploration
- 2021
  - Miraflores Project
- 2023
  - Andes Project
COLOMBIA: PROJECTS PIPELINE

- +650 gold titles in exploration

<table>
<thead>
<tr>
<th>Start date</th>
<th>Project</th>
<th>Operator</th>
<th>Region</th>
<th>Mineral</th>
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<tbody>
<tr>
<td>2018</td>
<td>Cisnero</td>
<td>Antioquia Gold</td>
<td>Antioquia</td>
<td>Antioquia Gold</td>
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<td>Rionegro</td>
<td>Alicanto Mining</td>
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<td>Anglogold Ashanti</td>
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<td>Orosur</td>
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<td>Risaralda</td>
<td>Gold</td>
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<td>San Matias</td>
<td>Cordoba Minerals</td>
<td>Cordoba</td>
<td>Copper / Gold</td>
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</table>
Innovation and technology

Community engagement

Environmental consulting

Training

Equipment supply for underground mining

Safety
James Hazelton
Procurement & Logistics Manager for Operations - Continental Gold Colombia
Who Are We?

- Most advanced modern gold mining company in Colombia
  - First mover advantage in Colombia: operating for over 10 years

- Flagship Buriticá project is one of the largest and highest grade gold projects in the world
  - Will be Colombia’s largest gold mine
  - Currently in construction
  - Production of up to 300,000 oz/year\(^1,2\)
  - First gold pour in H1 2020\(^1\)

- Colombian leader in best practices for mine construction, environmental care and community inclusion

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<tr>
<th>TSX</th>
<th>CNL</th>
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<tr>
<td>OTCQX</td>
<td>CGOOF</td>
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</table>

- Shares Outstanding\(^3\) | 188.6 Million |
- Market Cap\(^4\)           | $311 Million  |
- Available Liquidity\(^6\)  | $153 Million  |
Why Colombia?

- Most unexplored and prospective country in Latin America
- Strong pro-business, right-leaning government in place
- All projects are 100% owned
- Total land package: 202,547 ha
  - Buriticá – 75,684 ha flagship project
BURITICÁ PROJECT

On Schedule for 2020 Production

Overall Project Status

47% COMPLETE
Project Status\textsuperscript{13}: Targeting First Gold Pour H1 2020

Project Status
- Preparing for major steel and mechanical installation
- 7.8km of underground development completed

Overall Project
- 47% COMPLETE

Detail Engineering
- 94% COMPLETE

Underground Development
- 55% COMPLETE
  - Metres Complete: 7,864
  - Metres Remaining: 6,444

As of December 31, 2018

Commercial Production Scheduled for 2020\textsuperscript{1}
## Underground Equipment

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<thead>
<tr>
<th>Supplier</th>
<th>Equipment</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>MACLEAN</td>
<td>SCISSOR LIFT</td>
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<tr>
<td>MACLEAN</td>
<td>BOOM TRUCK</td>
<td>2</td>
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<tr>
<td>SANDVIK</td>
<td>SCOOP LH410</td>
<td>3</td>
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<tr>
<td>Sandvik</td>
<td>SCOOP LH204</td>
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<tr>
<td>Sandvik</td>
<td>SINGLE BOOM JUMBO DD210</td>
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<tr>
<td>Sandvik</td>
<td>TWO BOOM JUMBO DD321</td>
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<td>Sandvik</td>
<td>DUMPER TH430 (30 TON)</td>
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<td>DUMPER TH540 (40 TON)</td>
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<td>Sandvik</td>
<td>BOLTER DS311</td>
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<tr>
<td>Sandvik</td>
<td>LONG HOLE DRILL JUMBO DL210</td>
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<td>RDH MINNING</td>
<td>FUEL LUBE TRUCK</td>
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<td>RDH MINNING</td>
<td>ANFO LOADER</td>
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<tr>
<td>PUTZMEISTER</td>
<td>TRANSMIXER</td>
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<tr>
<td>PUTZMEISTER</td>
<td>ROBOJET SHOTCRETE SPRAYER</td>
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<tr>
<td>CATERPILLAR</td>
<td>MOTOR GRADER UNDERGROUND 120K</td>
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<tr>
<td>MINEARC</td>
<td>REFUGEE CHAMBERS</td>
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<td><strong>TOTAL</strong></td>
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## Surface Equipment

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<tr>
<th>Company</th>
<th>Equipment Description</th>
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<tr>
<td>BIGGE CRANE AND RIGGING</td>
<td>70 TON TEREX CRANE</td>
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<tr>
<td>BIGGE CRANE AND RIGGING</td>
<td>RT 9130 CRANE 130 TON</td>
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<td>CATERPILLAR</td>
<td>VIBRATORY COMPACTOR CS44B CAT</td>
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<td>CATERPILLAR</td>
<td>BACKHOE LOADER+LINES AUX 420F2 CAT</td>
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<tr>
<td>CATERPILLAR</td>
<td>GENSET 100 KVA SN: DEN150SA</td>
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<td>CATERPILLAR</td>
<td>HAMMER H80ES CAT</td>
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<td>LIFT TRUCK DP50NM1-D CAT</td>
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<td>MOTOR GRADER 120M CAT</td>
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<td>CATERPILLAR</td>
<td>WHEEL EXCAVATOR CAT M317D2 CAT</td>
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<td>VIBRATORY COMPACTOR+SENSOR CS788 CAT</td>
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<tr>
<td>CATERPILLAR</td>
<td>TELEHANDLER GENIE S60X-4WD</td>
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</table>

**TOTAL** 24
About 25 kms from the mine, we have developed warehouse & laydown area for plant equipment
Colombia Mining Sector Overview

Infrastructure Area

Construction of Mining Facilities

Construction of Mill

Sub-Station and CCD
UNDERGROUND DEVELOPMENT
Mine Plan Evolution

- 2016 Feasibility Study mine plan required 19,024 metres of pre-production lateral development
- Current optimized mine plan requires significantly less lateral development (14,308 metres)
  - Underground development: 55% complete
  - Excellent productivity: 12% ahead of schedule
- Based upon the success of trial mining tests and drilling of Broad Mineralized Zones (BMZ), next iteration of the mine plan will incorporate larger stope dimensions
Gracias

JAMES HAZELTON
LOGISTICS MANAGER CNL
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www.continentalgold.com
INDUSTRY SPEAKER- SOUTH 32

Pedro Oviedo
Production Superintendent

Jerson Lindao
Planning and Maintenance Reliability Superintendent
CERRO MATOSO FERRO NICKEL OPERATION AT COLOMBIA

FEBRUARY, 2019
Cerro Matoso is located in the north of Colombia. The operation is located on the south area of Cordoba state, near Montelibano and 2 hours driving from Monteria. Monteria is the capital city of Cordoba state. 1 hour flying from Bogota.

Direct Influence Area: 140,000 Inhabitants
Cerro Matoso is a pioneer company on mining and metallurgical industry in Colombia, that operates with the best national and international standards. In over 35 year of operation, CMSA has achieved important position as a nickel producer at the world. 2% for worldwide production approximately.

Mine is a typical Open pit, using heavy equipment:
- Excavator/front shovel Hitachi EX1900 and EX1200
- Wheel Loader CAT990 and CAT992
- Truck CAT 777 and CAT 773
- Dozer CAT D9
- Drill equipment
- Wheel Dozer CAT 824H
- Motor Grader 16M and 16H Series

The Operating plant includes:
- Primary and Secondary Crusher - Rotary Sizer
- Conveyor and Stacker.
- Conveyor and Dryers,
- Screening area for size <63mm classification
Dryer feed with 300 ton/h. wet tone. After drying process, the moisture is around 10% and 12%.

Rotary Kiln to do reduction using natural gas.

Electric Furnace use up to 75 MW.

Refinery and Granulation area More than 35 k ton / year

Transport of final Product to Cartagena.
The integrate sustainability focus is based on 4 fundamental pillars:

- **HEALTH AND SAFETY**
- **RESPONSIBLE ENVIRONMENT MANAGEMENT**
- **HARMONICAL RELATIONSHIP WITH THE COMMUNITIES**
- **GENERATE VALUE FOR THE SHAREHOLDER AND THE COLOMBIAN STATE**
The main needs for CMSA is focused on:

- Refractories / Bricks
- Robotic / Artificial Intelligence
- Special instrumentation
- G Zero tool.
- Conveyor belts.
- Cleaning System for conveyor belt.
- Special consumables.
- Heavy equipment Spares (CAT, Hitachi)
- Mining/Plant Software
- Special PPE’s for Process Plants.
CONTACT US

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