Exploring & Developing
World Class
Mineral Resources

August 2019
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These forward-looking statements are made as of the date of this news release and are expressly qualified in their entirety by this cautionary statement. Subject to applicable securities laws, the company does not assume any obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this news release.

Vivian Suart-Williams MSc (Hons.) Pr.Sci.Nat., Vice-President Exploration of Deep-South Resources, has reviewed the technical content of this presentation, and is the designated Qualified Person under the terms of National Instrument 43-101.
Deep-South Investment Highlights

- Seasoned and renowned technical & management team
- Flagship project: Haib Copper, large tonnage porphyry deposit at PFS stage
- Substantial Exploration investments at Haib by Rio Tinto, Falconbridge, Teck and Deep-South and others since the 1970’s: US $ 35 million
- Low cost mining operation on Haib
  - open pit
  - simple bio heap leach processing has shown recovery over 86%
  - metallurgical testing has shown no deleterious elements
  - Key infrastructure already in place
- Strong exploration potential project: Kapili Tepe. Cu-Ni-Co drill ready project
- Stable and mining friendly countries with easy permitting procedures: Namibia and Turkey

Strong shareholding structure

- Teck Resources
- Management & Directors
- Free float

TSX-V: DSM, 66 million shares issued
Deep-South is strongly undervalued to peers

**Market Cap as % of PEA NPV**

- **Deep South**: 1%
- **Deep South Peers**: 6%

**Value per lbs Cu in the ground**

- **Deep South**: 0.001
- **Deep South Peers**: 0.05

**Implied valuation Uplift**: 6.8x for Deep South and 5.10x for Deep South Peers.
Deep-South Projects Investment Highlights

Haib Copper Project – world class copper resource, Namibia:

- 43-101 indicated resource of 3.12 billion lbs Cu and inferred of 2.19 billion pounds Cu
- Open ended at surface and at depth, potential to substantially increase tonnage and average grade
- Current bio-assisted heap leach test work showed copper recoveries of 86% and 91%
- Current ore sorting test work has enabled to upgrade the Cu grade at throughput to 1.356% Cu, an upgrade of 1.76 times on 42% of the mass treated
- Preliminary Economic Assessment ("PEA") to be updated by year end and plan to drill the higher grade area
- Discovery of 5 satellites to the main deposit, adds potential to substantially increase tonnage
- Excellent mining jurisdiction – Namibia

Kapili Tepe Project – Major Copper, Nickel, Cobalt, Gold potential, Turkey

- Drill ready targets; Past drilling and trenches results shows over 20 near surface targets at over 1% Cu; Exceptional size targets covering over 2 km
- Excellent mining jurisdiction – Turkey
Haib Copper Project
Haib Copper History

- **Early 1900’s**
- **Early 1950’s**
- **1963-1964**
- **1968-1969**
- **1972-1975**

- Deposit discovered by German prospectors
- George Swanson pegged claims and mined 6,000 Tonnes of hand sorted high grade copper ore
- Falconbridge conducted 1,012 meters of diamond drilling
- Kind Resources conducted 3,485 meters of drilling
- Rio Tinto Zinc conducted, soil and chip sampling, IP and resistivity surveys and 45,903 meters of diamond drilling in 120 holes. They also completed tonnage and grade estimate and a conceptual pit design.
Haib Copper History

1995-1999

2010-2015

2017-2018

2019

2021

Subject to funding, FS on the higher grade zone expected in 2021

Deep-South is completing bio-assisted heap leaching test work on a 2 Tonnes sample and a x-ray transmission ore sorting test work. The results are highly promising

Deep-South produced a 43=101 resource estimation and a Preliminary Economic Assessment

Teck and Deep-South drilled 14,250 meters, IP and resistivity surveys, soil sampling and mapping

Namibian Copper Mine conducted and completed: 126 meters adit and 10 Tonnes bulk sample, 5 geotechnical holes, bio leaching, grinding and milling tests. Behre Dolbear produced a resource estimate Minproc produced a feasibility study
## Comparables – copper exploration companies

<table>
<thead>
<tr>
<th>Company</th>
<th>Ownership %</th>
<th>Symbol</th>
<th>Price C$</th>
<th>Market cap</th>
<th>Resource</th>
<th>Grade</th>
<th>EV / Resource</th>
</tr>
</thead>
<tbody>
<tr>
<td>Era Resources</td>
<td>100%</td>
<td>TSX-V Delisted</td>
<td>0.25</td>
<td>C $ M</td>
<td>MM lbs</td>
<td>Cu eq %</td>
<td>(C$ / lbs)</td>
</tr>
<tr>
<td>Los Andes</td>
<td>100%</td>
<td>TSX-V: LA</td>
<td>0.41</td>
<td>79</td>
<td>8,199</td>
<td>0.39%</td>
<td>0.009</td>
</tr>
<tr>
<td>Panoro</td>
<td>100%</td>
<td>TSX-V: PML</td>
<td>0.14</td>
<td>111</td>
<td>11,781</td>
<td>0.39%</td>
<td>0.006</td>
</tr>
<tr>
<td>Mason * Resources</td>
<td>100%</td>
<td>TSX: MNR</td>
<td>0.40</td>
<td>37</td>
<td>10,213</td>
<td>0.42%</td>
<td>0.005</td>
</tr>
<tr>
<td>Deep-South</td>
<td>100%</td>
<td>TSX-V: DSM</td>
<td>0.12</td>
<td>31</td>
<td>5,100</td>
<td>0.32%</td>
<td>0.002</td>
</tr>
</tbody>
</table>

*Mason has been taken over offer from Hudbay Minerals at a $ 31M valuation.
Mason’s PEA is based on 5.1 B lbs Cu mineable with a Capex of $1.35B lbs and a NPV of $770M.

Haib is open ended vertically and horizontally and offers a strong tonnage and grade upside potential that meet its peers in the table. **Recent Ore sorting test work showed 1.76 times grade upgrade.**

The companies in this table hold projects that have many similarities with Deep-South’s Haib Copper project. The valuation of Deep-South does not include the Kapili Tepe project.
Copper production and development grade

Worldwide average Copper grade by projects development levels – 2017
Survey by Mining Intelligence, 2017:

<table>
<thead>
<tr>
<th>Operating or development Level</th>
<th>Average Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating mines:</td>
<td>0.53% Cu</td>
</tr>
<tr>
<td>Mines in development:</td>
<td>0.39% Cu</td>
</tr>
<tr>
<td>Feasibility stage projects:</td>
<td>0.38% Cu</td>
</tr>
<tr>
<td>Pre-Feasibility stage projects:</td>
<td>0.35% Cu</td>
</tr>
<tr>
<td>Haib indicated resource</td>
<td>0.31% Cu</td>
</tr>
<tr>
<td>Haib post ore sorting upgrading</td>
<td>0.54% Cu</td>
</tr>
</tbody>
</table>

Source: Mining Intelligence
Haib Copper 43-101 resource

In situ classified 43-101 mineral resources of the Haib Project at a 0.25% Cu cut-off grade

<table>
<thead>
<tr>
<th>Resource Class</th>
<th>Million Tonnes</th>
<th>Cu(%)</th>
<th>Contained Cu billion lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicated</td>
<td>456.9</td>
<td>0.31</td>
<td>3.12</td>
</tr>
<tr>
<td>Inferred</td>
<td>342.4</td>
<td>0.29</td>
<td>2.19</td>
</tr>
</tbody>
</table>

➤ The deposit is roughly 2 km long and 1 km wide, and extends from surface to over 800m deep but only the top 350m served for the resource estimate

➤ The deposit hosts a higher grade area that contains 139 MT where many drill holes have an average over 0.50%

➤ Molybdenum is not part of the resource estimation. Eventual estimation will include Mo and will increase Cu eq

➤ Potential to increase tonnage and average grade.
## Haib Copper higher grade area

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Cu Grade</th>
<th>Mo Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>0.94%</td>
<td>0.68%</td>
</tr>
<tr>
<td>121</td>
<td>0.50%</td>
<td>0.027%</td>
</tr>
<tr>
<td>100</td>
<td>0.72%</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>0.74%</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>0.53%</td>
<td>0.002%</td>
</tr>
<tr>
<td>32</td>
<td>0.79%</td>
<td>0.01%</td>
</tr>
<tr>
<td>30</td>
<td>0.81%</td>
<td>0.007%</td>
</tr>
<tr>
<td>20</td>
<td>0.88%</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>0.94%</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>0.81%</td>
<td>0.77%</td>
</tr>
<tr>
<td></td>
<td>1.14%</td>
<td>1.28%</td>
</tr>
<tr>
<td></td>
<td>0.95%</td>
<td></td>
</tr>
</tbody>
</table>

Historical drilling has intersected higher grade in the center of the deposit.

And several others.
Haib Copper footprint with higher grade areas

Historical Drilling footprint with the higher grade area. With selected high grade drill holes down to 200m

Higher grade area in red contains 139MT. Planning to infill drill 63 holes in the high grade area to delineate a measured resource. The area has been separated in 3 pits. The high grade area is open to the east and west.
Haib Copper previous drilling

3D model (transparent resources Domains)

196 historical drill holes totaling 66,000 meters drilled by Rio Tinto, Falconbridge, Namibian Copper, Teck and Deep-South.
Drilling to delineate a measured resource in the 139 MT higher grade sections and increase overall grade. 63 HQ drill holes planned for a total of 6,705 meters (16 holes showed on this map);

Drilling down to 800 meters to increase tonnage and potentially the average grade. 5 HQ drill holes planned for a total of 3,400 meters.
Pit area #1 - Cross section showing higher grade historical drill holes

Recent 2 tonnes sample extracted for the metallurgical test work comes from an adit in the pit area #1 and was assayed at 0.76%.
Haib Copper Metallurgy

Recent metallurgical and ore sorting technologies test work results:

➤ Mintek’s recent bio assisted heap leaching in two agitated leach tanks recovered 86% Cu, 91% Cu and 93% Cu
➤ Very low acid consumption at 10kg / tonnes
➤ The ore agglomerates very well without any issues
➤ Stenert’s X-Ray transmission ore sorting test recovered 71.94% of the copper in 41.80% of the mass treat. It resulted in an upgraded Cu grade of 1.36%, resulting in an upgrade factor of 1.73

The mineralogy is over 98.5% Chalcopyrite, 1% Bornite, and less than 0.5% of Chalcocite, Covellite, Malachite and Chrysocolla and No deleterious elements.

(All the exploration data and technical reports are held by Deep-South and 164 drill cores are still well preserved on site)
Haib Copper PEA with attractive economics

<table>
<thead>
<tr>
<th>Throughput MTPA</th>
<th>8.5 Mtpa Scenario ($2.65/lb Cu)</th>
<th>20 Mtpa Scenario ($2.65/lb Cu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper Recovery</td>
<td>73.2%</td>
<td>73.2%</td>
</tr>
<tr>
<td>Cathode annual production</td>
<td>47,000 TPA</td>
<td>112,000 TPA</td>
</tr>
<tr>
<td>CAPEX</td>
<td>US$191.8M</td>
<td>US$320.5M</td>
</tr>
<tr>
<td>Total Operating Expense¹</td>
<td>US$1.40/lb CuEq</td>
<td>US$1.43/lb CuEq</td>
</tr>
<tr>
<td>NPV, 7.5%,pre-tax</td>
<td>US$522.4M (CA$653.0M)</td>
<td>US$1,000.8M (CA$1,251.0M)</td>
</tr>
<tr>
<td>IRR, pre-tax</td>
<td>24.8%</td>
<td>31.6%</td>
</tr>
<tr>
<td>Payback Period, pre-tax</td>
<td>5.2 years</td>
<td>4.0 years</td>
</tr>
<tr>
<td>NPV, 7.5%,post-tax</td>
<td>US$342.0M (CA$427.5M)</td>
<td>US$626.1M (CA$782.6M)</td>
</tr>
<tr>
<td>IRR, post-tax</td>
<td>19.3%</td>
<td>23.7%</td>
</tr>
<tr>
<td>Payback Period, post-tax</td>
<td>6.9 years</td>
<td>5.4 years</td>
</tr>
<tr>
<td>LOM</td>
<td>55 years</td>
<td>24 years</td>
</tr>
</tbody>
</table>

**PEA results: Option 3:** Heap-leaching with ore sorting

➢ METS of Australia has completed a PEA that will be updated by the end of 2019
➢ The PEA focuses on 4 extraction options. The recent results enable to revise the options and shall improve the economics substantially.
Haib Copper project: planned process route with high recoveries

**Heap leach**

1. Ore goes through three crushing sequences to reduce the size under 6 mm and is placed on the leach pad

2. Bacteria are added to the sulphuric acid in the leach pad to accelerate the oxidation process of the ore

3. Oxidized ore interact with acid and produce copper loaded extractant

4. Produce copper cathodes

   From an Electrowinning plant
Haib Copper New Exploration Targets

HyMap Alteration and Aster Vectors

5 satellites new targets identified using IP and coincident copper geochemistry;
Plan to drill deeper in the main body and eventually the satellites to increase tonnage.

Source: Teck Resources Ltd.
Haib Copper key infrastructure on site

Haib License:
➤ Covers 37,000 hectares;

Existing infrastructure:
➤ 8 km from the Orange River
  The water will be pumped and sent by pipeline
➤ The main commercial road from Cape Town, South Africa to Windhoek crosses the license area
➤ Two major power lines are crossing the license area
➤ 100 km from the major railway system in Namibia
Haib project towards construction readiness

Focus for 2019 & 2020:

- 2 tonnes samples currently being the object of metallurgical, heap leaching and sorting test works. Receive results every month, from July 2019, from Mintek who carry out the test work.
- 6,705 meters of HQ (large core) infill drilling in the higher grade areas to delineate a measured resource and potentially a probable reserve.
- 3,400 meters of deep drilling (800 m) in order to add tonnage and increase the average grade of the deposit.
- The drilling will also serve to upgrade the resource to measured and probable reserves in order to complete a Feasibility Study on the higher grade area.
- 10 tonnes samples for further metallurgical test works and sorting technologies test works.
- Environmental assessment to prepare for the environmental impact study.
Kapili Tepe polymetallic Project
Kapili Tepe sits on a world’s major metal producing belts
Kapili Tepe Project Highlights

➤ Kapili Tepe is situated on the rich West Tethyan Metallogenic, containing a large number of significant Porphyry, epithermal and intrusion gold and base metals deposits.

➤ Deep-South holds 75% of the Kapili Tepe project

➤ Large copper, nickel, cobalt and gold prospective exploration targets situated on the rich West Tethyan Metallogenic Belt covering all eastern Europe

➤ The project comprises of two exploration licenses and one mining license

➤ IP anomalies: **Main Zone: 2.5 km by 250m; South East Zone: many outcrops over a strike length of 4Km**, the longest one covering over 600m. The main anomaly **outcrops at surface on 2 km.** Anomalies have the potential to **host over 200MT**

➤ Soil samples assaying **7.9%Cu, 5.6% Cu, 4% Cu, 2.1% Cu** and many others between 0.50%Cu and 1.00% Cu and 3.6% Ni

➤ Exceptional size targets with over **20 surface locations with grades over 1% Cu**

➤ Channel sampling on 60m, 2 m deep. Results in the central portion: **26m at 1.04% Cu including 4m at 2.1% Cu** (not assayed for other minerals)
Kapili Tepe over 2km outcrop and mineralization at 300m depth

Location of soil samples in the Main Zone. The outcrop is visible at surface for over 2 km in length by 150 to 500 m wide. The IP survey tend to show that mineralization could extend to 300 m deep. The surface shows strong oxide mineralization with Malachite, Azurite, Cuprite and High Nickel grades
Kapili Tepe – Extensive targets
Kapili Tepe strong target for copper, cobalt & Nickel

- Selected drilling from Red Crescent and Agricola Metals from surface to 100 m deep:
  
  11.25 metres @ 0.83% Cu; 56 m @ 0.56% Cu; 10 m @ 0.49% including
  5.8 m @ 0.60%; 26.6 m @ 0.59% including 8.3 m @ 1.12%;

- Samples extracted from a small bulk sample pit area assayed between 0.35% and 0.66% Co and 19.7% Ni.
Deep-South experienced management team

Highly experienced management and Directors with African background:

❖ Pierre Léveillé, President & CEO, Director (Canadian)
❖ John H. Akwenye, Chairman (Namibian)
❖ Sadike Nepela, Director (Namibian)
❖ Jean-Luc Roy, Director (Canadian)
❖ Thomas Tumoscheit, Director (Swiss)
❖ Vivian Stuart-Williams, Exploration Vice-President (South African)

Management and technical team is experienced in Namibia, South Africa, Zambia, Malawi, Zimbabwe, Ghana, Tanzania, DRC and Burkina Faso on exploration projects from discovery to development.

Experience of each individual ranges from 15 to 40 years in the commodities and mining industry and in Africa
Addendum: Board and Management

John H. Akwenye, Chairman
Mr. Akwenye is a Namibian retired lawyer with over 30 years of experience in business development in Namibia. From 1994 to 2008, he was Chairman of Guinas Investents (PTY) Ltd a Swapo owned investment company. He has been chairman of the Namibian Airports Company from 2001 to 2004. He is Director of Corporations such as Areva Resources Namibia and PE Minerals, which holds the mining rights over the Rosh Pinah zinc mine.

Pierre Léveillé, President & CEO
Mr. Léveillé has over 28 years of experience in the International financial sector and 20 years of experience in the mining exploration industry. Mr. Léveillé has started is career as a Stock Broker and Corporate Finance Advisor with Lévesque, Beaubien, GeoFrion and National Bank Financial. From the mid 1990’s to today, he has been Executive and Director of several exploration companies active in Africa. He has financed and managed exploration projects in Namibia since 1996 and has realized over US$ 75 million in transactions and financing for Namibian and African mining exploration projects.

Vivian Stuart-Williams, Vice-President Exploration
Mr. Stuart-Williams is a geologist with 46 years of experience in the mining and exploration industry, principally in the southern African region. He holds a M.Sc degree in uranium. He has worked with larger corporations such as JCI Ltd. He has been involved in base metals, gold, coal, and industrial mineral projects. Mr. Stuart-Williams has a worldwide exposure (including Liberia, Philippines, Afghanistan, Canada, Uzbekistan, Australia, Uganda, Mauritania and all of the Southern African countries). He has been involved with the Haib project from the mid-1990s as exploration Manager and subsequently Vice-President Exploration with Deep-South Resources.

Sadike Nepela, Director
Sadike Nepela served as General Manager of Kalahari Minerals PLC. For a number of years, Mr. Nepela also served as Personal Assistant to the Minister in the Ministry of Mines and Energy of Namibia. Most recently he has been General Manager of Westport Resources, a subsidiary of Forsys Metals Corp.(listed on TSX). He is also a Fellow of the International Centre for Research and Training in Major Projects Management, Montreal, Canada. Mr. Nepela is a graduate of the University of Witwatersrand, Johannesburg and has also studied at the University of Connecticut, West Hartford, USA.
Addendum: Board and Management

Jean-Luc Roy, Director
Mr. Roy has been a major contributor to the development of several important corporations in Africa during the last 30 years working for majors, mid-tiers and junior exploration companies, such as First Quantum Minerals, Resolute Mining and Ampella Mining. He brings to Deep-South, as Independent Director, a wealth of experience in all aspects of exploration from generating, negotiating, funding and managing projects, to corporate, community and governmental relations. Mr. Roy is presently a Director for Can Alaska Uranium (TSX:CVV).

Thomas Tumoscheit, Director
Mr. Tumoscheit has over 28 years of experience in commodities sales, procurement, trading and manufacturing. His career started as a sales engineer with GfE and since then he had roles in a number of mining and trading companies, including Frank & Schulte, Alcoa and Gerald Metals. He is currently Head of Projects for Euro Alloys Ltd. Mr. Tumoscheit holds a Ph.D in Electrometallurgy from the National University of Science and Technology MISiS Moscow.

Tim Fernback, Vice-President, Director
Tim Fernback has over 20 years of experience in the venture capital and investment banking industries. He is currently President and CEO of Surge Exploration, listed on TSX-V. He has been Corporate Finance Manager at Wolverton Securities for 8 years, while they have raised over $750 million. Mr. Fernback holds an Honours B.Sc. from McMaster University, and holds a MBA with a concentration in Finance from the University of British Columbia. Mr. Fernback holds a Certified Professional Accounting (CPA) designation in Canada and is currently director of several publicly traded companies in Canada.

Ryan Cheung, CFO, Director
Ryan Cheung is the founder and managing partner of MCPA Services Inc. A chartered professional accountant firm. Ryan's role is focused on business development, and managing all aspects of the Firm and professional services delivery. Ryan works closely with high net worth and self-employed individuals, private companies and public companies (TSX Venture listed) in various industries including general professional services, real estate, mining, and technology. He is currently director of several publicly traded companies in Canada.