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#### Qualified Persons

All scientific and technical information contained in this presentation (the "Technical Disclosure") is based on information contained in the Company's "NI 43-101 Technical Report – 23 March 2017 Updated Feasibility Study and Control Budget Estimate Report" dated March 23, 2017 and effective as of February 6, 2017 (the "Technical Report"). The following "Qualified Persons" as defined in National Instrument 43-101 (NI 43-101) Standards of Disclosure of Mineral Project prepared or supervised the preparation of the Technical Report which forms the basis of the Technical Disclosure contained herein:

Mr. J.C. Witley (BSc Hons, MSc (Eng)) is a Principal Mineral Resource Consultant for The MSA Group, an independent geological consulting company to Alphamin.

Mr. G.M. Cresswell (BSc. (Eng.), FSAIMM, MIMMM, Pr. Eng) is an employee of DRA Projects (Pty) Ltd, the company Alphamin contracted to complete the Technical Report.

Mr. J. A. Cox (BSc.Eng.(Mining), FSAIMM, ECSAPr.Eng) is an associate of Royal HaskoningDHV who was contracted to work with DRA Projects (Pty) Ltd.







## On track to becoming a 30,000tpa Tin producer

Boris Kamstra
Alphamin Resources Corp. CEO

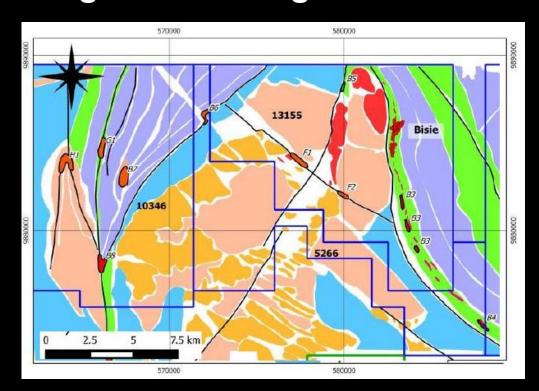
### Alphamin - Securing a Strategic Position in Tin

- 80.75% interest in 1270km<sup>2</sup> adjacent area of five exploration and one mining permit in North Kivu, DRC, world's most prospective tin region
- Construction commenced in early 2017 on the Mpama North portion of Bisie tin project
- Highest grade known tin deposit with favourable metallurgical properties and low operating costs
- Significant further upside at Mpama North Deeps, Mpama South and other exploration targets
- Strong management/board with construction and operating experience in Africa including the DRC
- Strong strategic stakeholders including Denham Capital (44%), Sprott Resources, Industrial Development Corporation (14.25% interest in project) and DRC government (5% carried interest in project)
- Compliance with Dodd-Frank classified 'conflict-free tin'
- Strong value creation catalysts
  - Market capitalization of US\$152m (TSXV:AFM)
  - Mpama North NPV<sup>8%</sup> of US\$402m (No additional resources or production included)
  - Steady state production expected from Q2 2019
  - 17 month payback on Mpama North
  - Use free cash flow to develop Mpama South and rest of tin province





## Regional setting – Yet to scratch the surface



# Alphamin RESOURCES CORP.

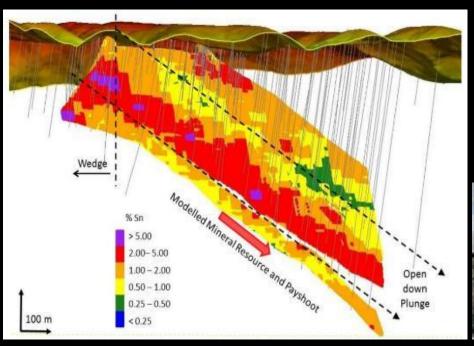


#### Key take aways on regional setting

- Underlain by the Kibaran Orogenic Belt (inter-continental collision zone) and intruded by several phases of tinbearing granites, the project area is highly prospective for tin and other base metals
- The Bisie mine lies along a 15km North/South ridge which has demonstrated highly consistent arsenic, copper, lead, tin, zirconium and zinc in soil anomalies along the entire length
- Historically, intensive artisanal mining has targeted several structures along the ridge as well as other portions of the licence
- Bisie represents only one of several identified high-priority targets within the licence and along the highly anomalous 15km ridge
- Two already identified growth opportunities have been drill tested and confirmed: Mpama Deeps and Mpama South



## Mpama North – A tin gem producing 9,600tpa



#### **Key facts**

- 5.14Mt Resource @ 4.5% Sn <sup>1</sup>
- 12 year Life of Mine producing up to 9,600t tin per annum
- First tin April 2019
- Highest grade tin development project globally <u>by orders of</u> magnitude





1: 0.5% Sn Cut-off grade. 90% of Resources in Measured and Indicated categories

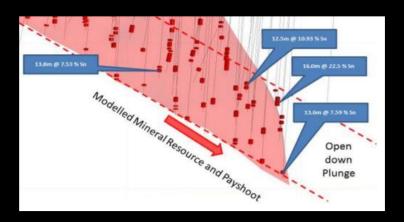




## ... with two immediate growth opportunities

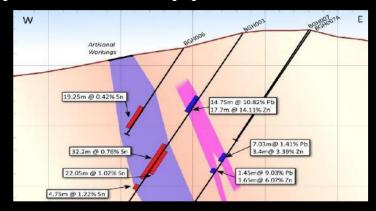
#### **Mpama Deeps**

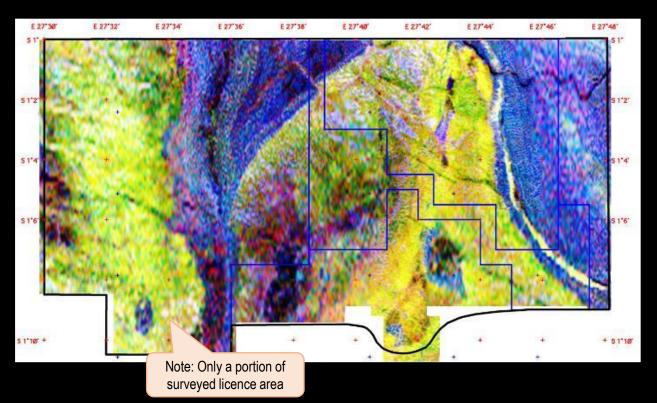
- The Mpama North high-grade chute has been drilled to 550m below surface and remains open at depth
- Some of the best intersections in the entire orebody occurred in the northernmost (deepest) drill line and include:-
  - 16.0m at 22.5% tin from 387.45m
  - 12.5m at 10.9% tin from 336.7m
  - 13.6m at 7.6% tin from 534.4m
- Mpama Deeps is a high-grade continuation of the orebody but could not be drilled due to limitations on the heliborne drill rig capabilities



#### **Mpama South**

- The Mpama South orebody occurs 750m to the south of Mpama North within the same system with largely similar mineralization and structural control but with more developed base metals Pb/Zn
- 16 DD holes have been drilled at Mpama South with results similar to early-stage Phase 1 Mpama North drilling:-
  - 18.8m at 3.9% tin from 204.0m
  - 19.0m at 197g/t silver from 61.0m
  - Ten >3.5m intercepts at >2.0% tin
- Mpama South could be a Mpama North lookalike with background grades ~2.0% and another high-grade chute



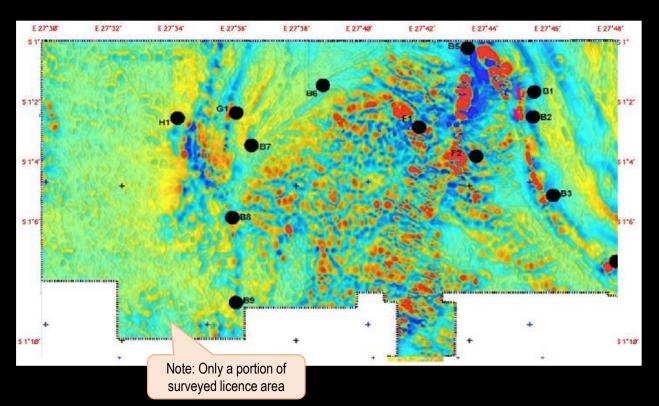


## **Radiometrics**

- Radiometrics data clearly defines the unit hosting the mineralization at Bisie as well as it's extension along the entire 15km ridge
- Additional mappable units within the meta-volcano sediments on the western side of the granites offer stratigraphic targets
- Nine discreet granitic bodies were mapped, most containing anomalous tin quantities







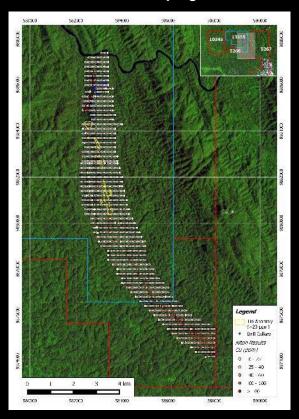
## Magnetics

- Mpama North and Mpama South clearly stand out on the magnetic survey (strong magnetic unit 50m east in the hanging wall)
- Although the magnetic trend has been dislocated by cross-cutting faulting along the ridge, numerous high response units associated with known mineralisation (Marouge etc.) are clearly represented – these are interpreted as more intensely altered zones
- Many other strong signatures central and west of the granite pluton exists too

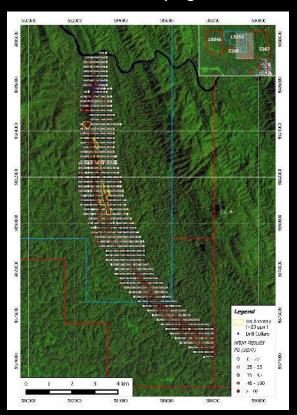




#### Cu in soil Niton campaign



#### Pb in soil Niton campaign

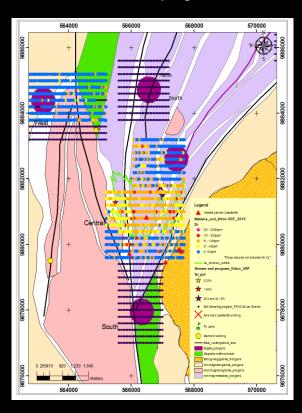


# Soil Geochemistry (Ridge)

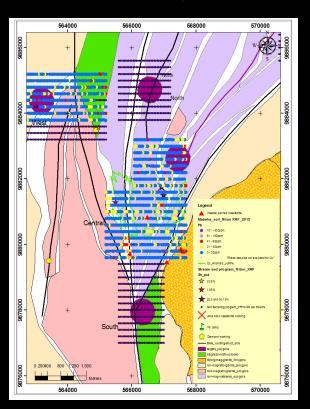
Extensive soil geochemistry campaigns using Niton XRF and Laboratory checks were conducted. These yielded corroborating results:-

- As, Cu, Zn, Pb, Sn, Zr, Ag soil sampling conducted
- Positive results along the entire ridge
- Up to 6km of continuous Pb results greater than 25ppm mapped along ridge
- Coincident >20ppm Sn with high anomaly Pb zones
- Soil samples grading up to 1,790ppm tin at Marouge were encountered
- Intensity of base metal results increased towards southern boundary

Cu in soil Niton campaign



Pb in soil Niton campaign

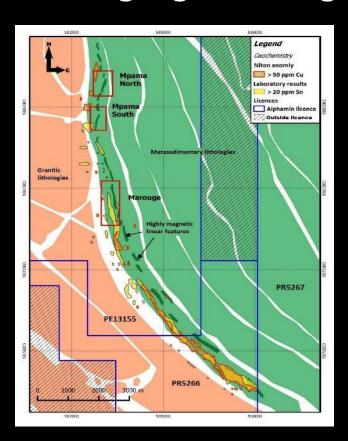


# Soil Geochemistry (Mabeka)

3,590 soil samples collected on Licence PR10346 alone. Again, Niton XRF and Laboratory checks were conducted. This campaign was coupled with stream sediment concentrate sampling. These yielded prospective results:-

- Stream sediment panned concentrates showed grades as >20% tin
- Coincident anomalies of Cu and Zn
- Anomalous Pb and Sn concentrated in the central portion

## Bringing it all together



### Immediate mine extension/expansion opportunities

Mpama Deeps:-

- Unique and very high grade extension to current orebody at depth of 550m Mpama South:-
- Preliminarily drilled mineralisation 750m to the south of current orebody showing all signs of a Mpama North lookalike

### Next phase target testing and

#### Marouge:-

 Highly prospective, all signs to date indicate potential for another massive discovery, already supports artisanal works

Bisie Ridge Central and South:-

Highly prospective, corroborating geophysical and geochemical sampling, artisanal interest extensive

#### Mabeka:-

Preliminarily sampled/surveyed but promising signs of prospectivity

































"The mine holds significant value for the region as it brings local and regional employment while adding to the infrastructure and social well-being."

> Anselme Kitakya Minister of Mines of North Kivu 21 September 2017







