

## Orosur Mining Inc.

Following its entering a non-binding of Letter-of-Intent ('LOI') on 7 July 2021, Orosur has today announced its signing of a Joint Venture ('JV') agreement with Meridian Mining UK Societas (TSX-V: MNO) (Frankfurt: 2MM) (Tradegate: 2MM) (OTCQB: MRRDF) ('Meridian') in relation to its Ariqueμες Tin Exploration Project ('the Project') in Brazil. The terms are consistent with those indicated in the LOI, whereby the Group can earn an equity interest of 75% in the Project by spending US\$3m over a four-year period, in two phases. Given that the soon to be completed hand-over of Orosur's Colombian Anzá Project's operatorship will free up operational capacity with support from a balance sheet that presently holds free cash of c.US\$5m, this new high-potential, early-stage JV provides management with opportunity to diversify shareholders' interests by geography and geologically with a new and highly critical commodity.

### Terms of the JV

The JV requires the establishment of two new corporate entities to hold the exploration licences and applications. This will include a top holding company in Canada, and a local operating company in Brazil. Although commencing immediately, this process may take several months to complete, by which time the granted licences should begin to be transferred across to the new structure and operations get underway.

The terms of the JV determine that Orosur can earn an equity interest of 75% in the Project by spending US\$3m over a four-year period, in two phases, as follows:

1. Phase 1 - earn 51% interest by spending US\$1 million over a 24-month period.
2. Phase 2 - earn an additional 24% interest by spending US\$2 million over a subsequent 24-month period.
3. Following completion of Phase 2, the two parties would jointly fund the Project on a pro-rata basis or dilute to a net smelter royalty.

### The Ariqueμες Tin Exploration Project

Tin mineralisation was discovered at Ariqueμες back in 1987, since when local/artisanal mining operations have generated >300,000 tonnes of tin. Meridian acquired a highly prospective set of applications and approved exploration licences over a dominant land position totalling 293,500 hectares. Located in the second largest tin district in Brazil (after Pitting), the region benefits from good infrastructure, being some 200 km south of the state capital Porto Velho with connecting sealed highway and fluvial port facilities. As such, it presents a compelling exploration opportunity.

The Ariqueμες Province hosts Meso-to-Neo-Proterozoic granites. The intrusive episode culminated with the main tin mineralisation event during the Sunsás Orogeny (1.25–1.00 Ga). The mineralisation coincides with a global magmatic event, being coeval with major deposits in Africa (including the recently commissioned high-grade Bisie Tin Mine in the Democratic Republic of the Congo). While the primary tin material is cassiterite, associated minerals present in this polymetallic province include columbite-tantalite (coltan), wolframite, ilmenite/rutile, base metal sulphides. The region was identified by Meridian following extensive conceptual work, with later regional exercises confirming the Project's potential. An extensive database of both historical and recent exploration information is available and has since been reviewed by Orosur. Along with positive geochemical indicators, the reprocessed geophysical

#### Stock Data

Share Price:	13.50p
Market Cap:	£25.4m
Shares in issue:	188.4m
52 week high/low:	45.99p/5.00p

#### Company Profile

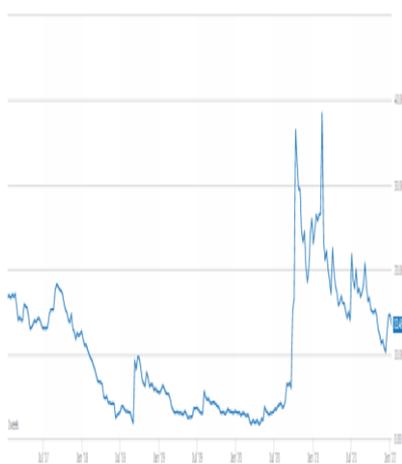
Sector:	Gold Mining
Ticker:	OMI
Exchange:	AIM, TSX-V

#### Activities

Orosur Mining Inc. ('Orosur', 'the Company', 'OMI') is a South American-focused gold developer and explorer.

Company website: [www.orosur.ca/](http://www.orosur.ca/)

#### 5-year share price performance



Source: [LSE](https://www.lse.com)

Past performance is not an indication of future performance.

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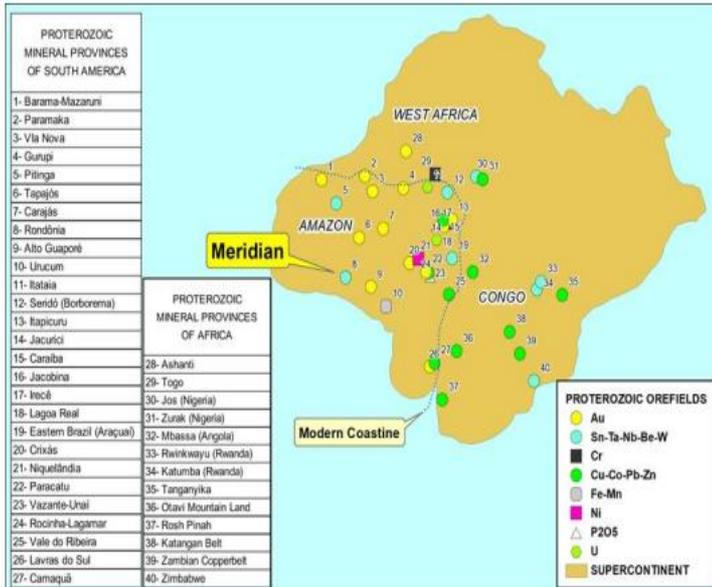
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signature taken from the Geological Survey of Brazil ("CPRM") identifies prospective intrusions and structural corridors under cover that were undetected by early prospectors. In this respect, it is significant that to date no other commercial mining groups have operated in the region, suggesting that the Project offers potential to replicate exploration success of other underexploited districts, where substantial mineralised corridors extend under shallow cover.

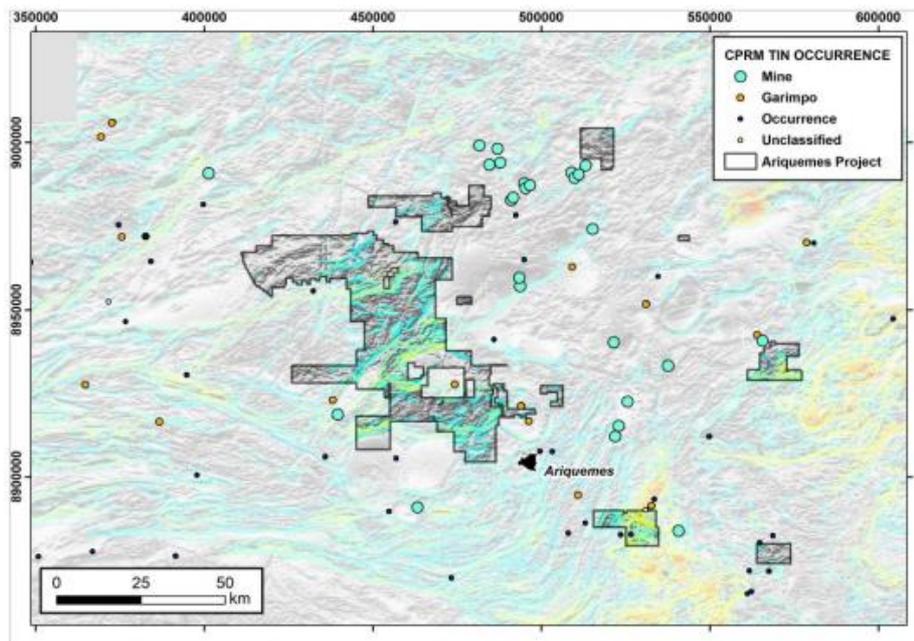
**Province Formed During Proterozoic Metallogenic Event**

**Ariquemes Tin Exploration Project - Brazil**



Source: Meridian Mining, [Ariquemes Presentation, January 2020](#)

**Ariquemes Licences – Host Multiple Potential Strike Extensions to Major Deposits**



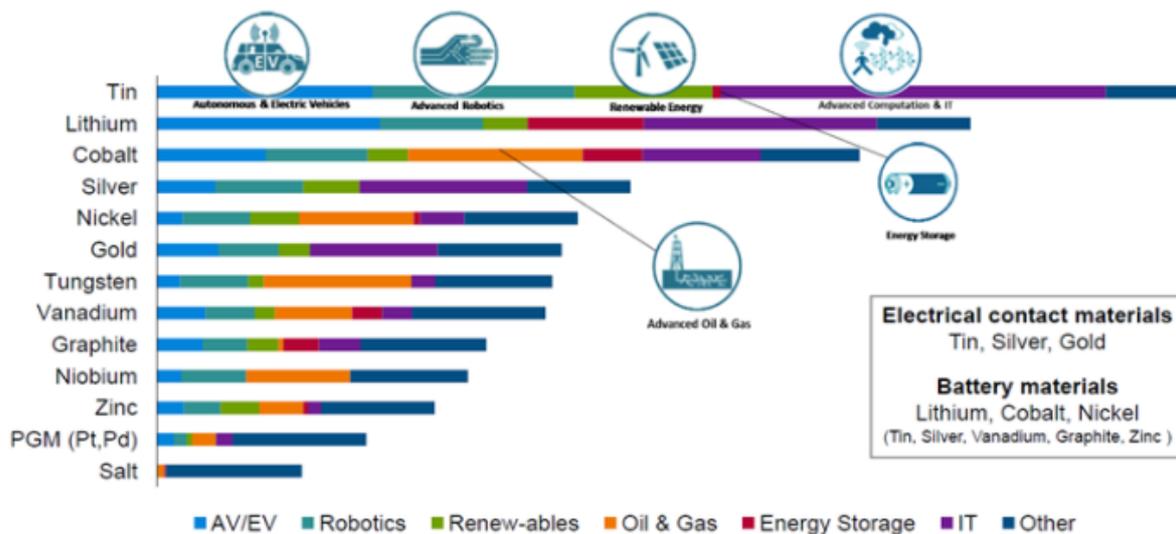
Source: Meridian Mining, [Ariquemes Presentation, January 2020](#)

**Tin – Pricing influenced by technological progression and fragile supply-side dynamics**

Seemingly a somewhat underreported metal, tin’s usage and demand can be expected to grow in line with technological progression. The more than tripling of its price since hitting lows in 2020, means that the metal presently trades in excess of US\$40,000/tonne,

reflecting its critical use in solder for electronic components, such as in printed circuit board ('PCB'). It is estimated that tin comprises between 1-5% of a PCB's total weight, with more complex products requiring higher portions of solder. As such, it is listed amongst materials most impacted by new technology:

## Metals most impacted by new technology



Source: Rio Tinto

China is presently the world's largest source of tin production, followed by Indonesia, Myanmar, Russia, Bolivia, Peru and the Democratic Republic of the Congo. The International Tin Association ('ITA') calculated total demand for the metal to be 355,200 tonnes in 2020, with more than 50% being used for solder, 17% for chemical use and the remaining demand going into tinsplate, lead acid batteries, copper alloys and other uses. With the ITA estimating that demand could reach 430,000 tonnes within four years if global technology drivers remain strong, the US is presently leading international efforts to identify and exploit other sources of tin.

### 5-year Tin Price



Source: Trading Economics, 13 January 2022

## With imminent hand-over of Anz a's operatorship, Orosur is now maximising shareholder opportunity

Although Orosur's Anz a Project participation must continue to dominate its share price sentiment at this time, the Arique mes Project offers shareholders not only much needed diversification by geography and geology, but also access to an important commodity that offers significant long-term potential.

The fact that Minera Monte Águila elected to exercise its right to assume operatorship of Anzá at such an early stage must be interpreted as a very positive endorsement for the project. Orosur's Board had repeatedly noted that majors like Newmont and Agnico need big projects (i.e., a +5 million oz. Au field) and would therefore hold off any decision to assume control until gaining sufficient comfort that such potential exists. Its decision may have been influenced by Los Cerros Limited (ASX: LCL), who's nearby Quinchia Project in the Mid-Cauca gold belt on 21 January 2021 reported drilling from their Tesorito South porphyry target with exceptional intercepts, including 102m @ 2.11 g/t Au from 28m. Having already seen drilling demonstrate a significant underlying resource at APTA, with subsequent regional mapping suggesting possibility for multiple repetitions along strike, it would now be something of a surprise if development is not moved into a much higher gear. Given that Orosur will no longer be overseeing the onsite work investors must expect less regular drilling updates although, given that it still controls 100% of the licences, data from completed holes submitted for 43-101 resource assessment will nevertheless be available for publication, as well as any formal decision to accelerate the development phases. September 6<sup>th</sup> is the anniversary date for the current Year 4 of the project, which is highlighted in yellow below, with qualifying expenditure of US\$4m.

### Three phase JV with Minera Monte Aguila ('MMA') over 12years to reach 75%

Phase	Year	Qualifying Expenditure	Payment to OMI	MMA equity at end of Phase
1	1	US\$1m	US\$1m	51%
	2	US\$1m	US\$1m	
	3	US\$4m		
	4	US\$4m		
2	5	US\$4m	US\$2m	65%
	6	US\$4m		
	7	US\$4m		
	8	US\$4m		
	**	US\$4m		
3	9	43-101 Feasibility Study		75%
	10			
	11			
	12			

*\*\* Phase 2 requires US\$4m per year for 4 years, plus an additional US\$4m to be spent over the 4-year period at Newmont's discretion  
Source: Orosur, Turner Pope Webinar Presentation, 14 July 2021*

Given the resounding verification delivered by recent Anzá drilling, together with the Board's expectation that yet further assays (whose turnaround time has now has thankfully returned to the normal 2 to 3 weeks) will produce similar polymetallic gradings and widths, the Project appears capable of driving strong mining economics. Shareholders will be hoping that the management's intuition when selecting the exciting Ariquemes Project results in a similarly confident outcome in due course.

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