



MASTER INVESTOR SHOW 2022 LONDON MARCH 19, 2022

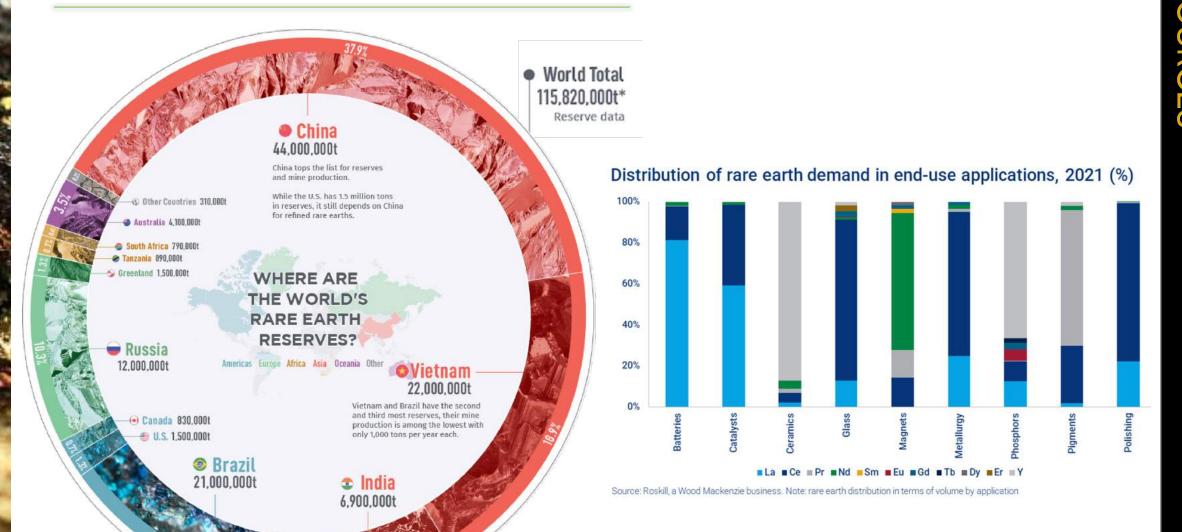
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### RARE EARTH ELEMENTS – THE NEW OIL?



### THE COMPANY

AUXICO RESOURCES CANADA, CSE: AUAG, ("AUXICO" or the "Company) is a Canadian company founded in 2014, focused on the production of high-value metals such as tantalum, niobium, iridium and rare earths. The Company owns directly or through joint ventures mineral rights in Colombia, Bolivia, Brazil and the Democratic Republic of the Congo.

AUXICO has licensed a patentpending environmentally friendly extraction technology (UAEx) for the processing of high-value metals. The UAEx process is very effective on highvalue rare earth samples, achieving +80% recoveries of selected rare earth elements over a 2-hour leaching time.



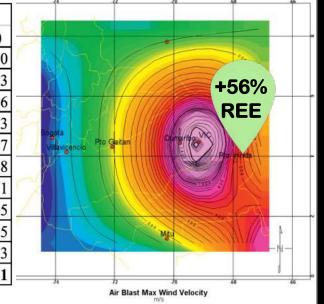
### HIGH VALUE RARE EARTH ORE IN VICHADA

AUXICO acquired mineral rights and surface rights to the Minastyc property located in the municipality of Puerto Carreño, department of Vichada, in Colombia, where it has made a rare-earth discovery with over 56% total rare earth oxide content (TREO). In December 2021, AUXICO acquired the surface rights to 1,293 hectares of the land titled Agualinda, which adjoins the Mynastic property. The properties are located within a strategic area designated by the Colombian Government for its potential for tantalum, niobium and rare earths.

AUXICO also reported the discovery of high-grade rare earth metals at a distance of 9 km from the Mynastic property, within the 20,000-hectares permit area held by the Guacamayas-Maipore community; please reference sample 2 presented here, containing 63.21% TREO.



Rare Earth Element	Sample #2
	Grade (%)
Cerium	38.70
Neodymium	7.73
Lanthanum	7.36
Praseodymium	4.53
Samarium	2.27
Gadolinium	1.38
Dysprosium	0.71
Yttrium	0.05
Ytterbium	0.35
Erbium	0.13
Total Rare Earth Oxide Content	63.21



77 88 97 112 116 126 141 150 177 194 232 269 324 409 476 579 673 815 1189

# SATELLITE INTERPRETATION STUDIES PERFORMED ON THE PROPERTIES IN COLOMBIA

Images showing potential interest areas and proposed sampling targets

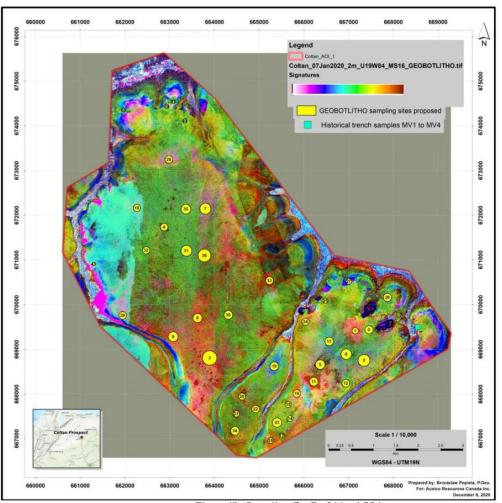


Figure 17. Sampling GeoBotLitho AOI 1

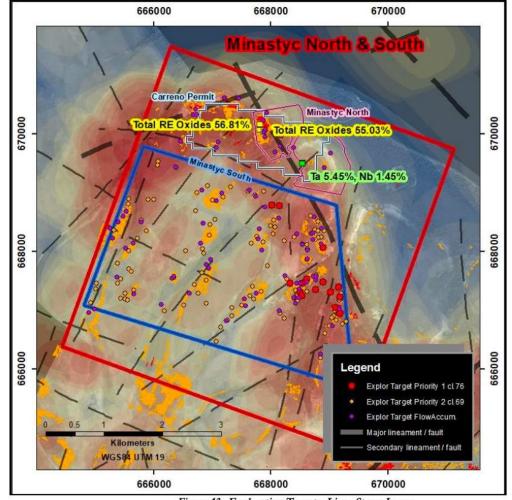


Figure 13. Exploration Targets, Linea Stress Image

### MASSANGANA REE PROJECT, BRAZIL

AUXICO has entered into a MOU with the Brazilian mining cooperative Cooperativa Estanifera de Mineradores da Amazonia Legal Ltda ("CEMAL"), with regard to the exploitation and commercialization of rare earths from the tin tailings originating from deposits located over an estimated area of 18,000 hectares in Massangana, counties of Ariquemes and Monte Negro, in the state of Rondonia, Brazil. The parties are finalizing a joint venture agreement.

The tailings contain 30,000,000 tonnes of tin tailings, as estimated by a study titled 'Investigation of tin and tantalum ores from the Rondonia Tin Province, northern Brazil, to develop optimized processing technologies' prepared by the German Mineral Resources Agency and the Geological Survey of Brazil. The study indicates that four types of products could be generated from the tin tailings: columbite concentrate containing 34.07% niobium, monazite concentrate containing 37.74% total rare earth oxide (TREO), and cassiterite concentrate containing 54.92% tin. AUXICO intends to build a concentration facility in order to produce these concentrates, as well as to build a processing plant in order to create a non-radioactive rare earth concentrate.

The property owners provided the Company with the concentrate from the tailings that has been produced by magnetic separation and gravity methods from feed material averaging 2.83% TREO. The provided concentrate contained 63.49% TREO.



# LUZ ANGELICA PIT, BOLIVIA Panoramic photo



## LUZ ANGELICA PROPERTY

1.5 kg/t Li 100 g/t Cs 2.7 kg/t Rb

\$237,000/t



### LUZ ANGELICA PROPERTY

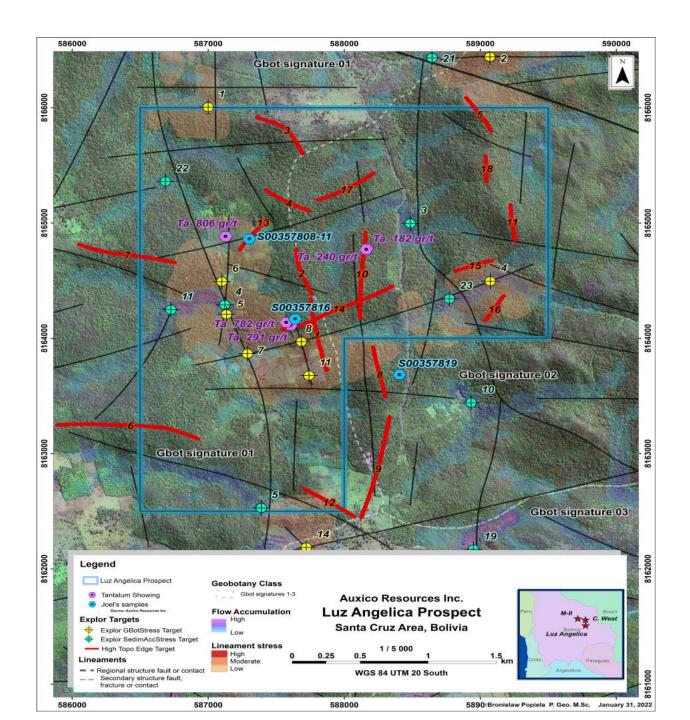
1 kg/t Cs 56 g/t Rb

\$83,000/t





# LUZ ANGELICA PROPERTY GeoBotLitho Map



### RARE EARTH REFINERY - SANTA MARTA FREE-TRADE ZONE

AUXICO plans to build a 10,000 square metre rare earth refining facility in the free-trade zone in the city of Santa Marta, Colombia, capable of processing 36,000 tonnes of ore per year. The Company has signed a lease agreement with an option to purchase four lots of land within the Zona Franca Tayrona industrial park. The estimated Capex for the refinery is US\$116.2 million.

The rare earth refinery, the first of its kind in the western hemisphere, will incorporate standard metallurgical processes with innovative extraction technologies, resulting in lower energy consumption, significantly shorter and cost-effective processing cycles, and an overall lower environmental impact.

AUXICO has completed a series of metallurgical tests using the licensed ultrasound assisted extraction process ("UAEx") for mineral extraction. The tests demonstrated that the UAEx process is very effective on high-value rare earth samples, achieving +80% recoveries of selected rare earth elements over a 2-hour long leaching time.



Element	Symbol	Brazil Grade (%)	DR Congo Grade (%)	Colombia Grade (%)	Bolivia Grade (%)	Average Recovery (%)
Cerium	CeO2	35.90	31.61	31.09	20.86	85.72
Dysprosium	Dy2O3	0.28	0.09	0.72	0.49	86.63
Gadolinium	Gd2O3	0.17	0.73	0.75	4.68	87.47
Lanthanum	La2O3	15.17	9.41	9.40	5.49	85.41
Neodymium	Nd2O3	9.04	12.34	9.49	10.77	84.74
Praseodymium	Pr6O11	0.89	2.58	2.44	1.57	85.94
Samarium	Sm2O3	0.90	1.99	1.81	8.66	86.02
Yttrium	Y2O3	1.14	0.49	0.50	1.63	76.26
	Total RE (%)	63.49	59.24	56.20	54.15	

### **BOARD OF DIRECTORS AND MANAGEMENT**





### PIERRE GAUTHIER

#### CEO AND CHAIRMAN OF BOARD

Mr. Gauthier holds a Bachelor of Commerce from the University of Ottawa and a M.B.A. from Concordia University. He was the Founder, President and CEO of Dundee Sustainable Technologies Inc. until December 2014. Involved in the mining industry for over 20 years, he has been involved in raising over \$500 million dollars of financing in various projects.

### MARK BILLINGS

#### **PRESIDENT**

Mr. Billings is a former investment banker, having raised hundreds of millions of dollars for small-cap companies, including several junior mining companies. He has an MBA from Harvard Business School and he is a Chartered Financial Analyst. He founded and managed companies in the junior resource sector, in addition to being CEO, CFO or a director of a number of publicly traded resource companies in Canada and abroad.

#### RICHARD BOUDREAULT

#### **JOSEPH LAU**

### SHELDON INWENTASH

### KENNETH BUZZ WEST

#### DIRECTOR

Mr. Boudreault has held top corporate executive positions in organizations of all sizes in both the private, public and governmental sector. He is recognised for his Governance, Regulations and ESG issues. He has led organizations across a variety of sectors including advanced materials, natural resources and metallurgy, clean technology, and on energy (hydrocarbon and nuclear). From 2005 to 2014, Mr. Boudreault was CEO of the cleantech metallurgical process and mining Orbite Aluminae, where he raised over \$140M in financing from institutional and government sources and grew the firm from start-up to publicly traded company with a valuation of \$500M at exit. He has developed REE processes and specialise in heavy elements extraction, separation and purification. Mr. Boudreault holds a bachelor's in applied physics, an MBA and a professional master's degree in engineering, which he earned at Cornell.

#### **DIRECTOR**

Mr. Lau holds a BSc. (Chem) from Concordia University and an MBA from University of Ottawa. Mr. Lau is the Founder and Chairman of Rockhound Limited in Hong Kong. Since his return to Hong Kong in 1994, he served in Senior Executive positions across various industries, including financial services, RE, telecom and retail jewelry. Mr. Lau is a member of the Chemical Institute of Canada and the Canadian Institute of Mining Metallurgy & Petroleum.

#### **DIRECTOR**

Mr. Inwentash is a serial entrepreneur, Chairman and CEO of ThreeD Capital Inc., Toronto-based venture capital firm specializing in investments in the junior resource, blockchain and Al sectors. Mr. Inwentash has more than 30 years of investing experience and has been instrumental in raising \$15B for his portfolio companies over the last 15 years. Mr. Inwentash led Pinetree Capital and created significant shareholder value through early investments in Queenston Mining (acquired by Osisko Mining Corp. for \$550M), Aurelian Resources (acquired by Kinross for \$1.2B) and Gold Eagle Mines (acquired by Goldcorp for \$1.5B).

#### **DIRECTOR**

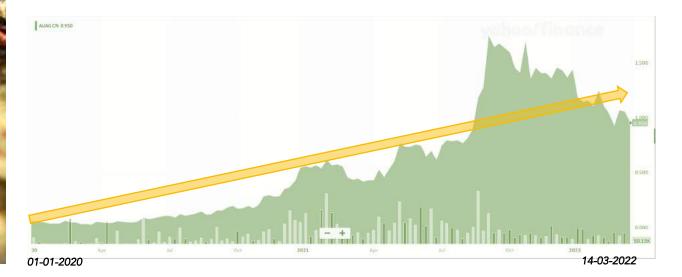
A former soldier and head of Reuters, Middle East and Africa, Mr. West has spent the last 25 years as an entrepreneur in the fields of natural resources, high technology and security. He has recently retired as the group chairman at Kingswood Holdings Ltd., the owner of KW-Wealth, having assets under management of approximately £7 billion. Highly experienced in the financial services arena, Mr. West was the founder and chairman of Ashcourt Rowan plc, which had assets under management of approximately £6 billion. Mr. West was also the chairman of the leading loss adjustor GAB Robins, taking them from management buyout to trade sale to the US group Crawford. He was the senior non-executive director to the Norwegian telecom company, Norcon plc.

### CAPITAL STRUCTURE

\*As of 2022.03.15

### Category

Shares Outstanding – Basic	68,384,109
Warrants	8,710,789
Options	5,035,000
Convertible Participating Debentures	51,560,000
Shares Outstanding - Fully Diluted	133,689,898



### **CONTACT**



**CSE: AUAG** 



WWW.AUXICORESOURCES.COM



AUXICO RESOURCES CANADA INC. 201 Notre-Dame Street West, Suite 500 Montreal, Quebec H2Y 1T4 Canada



Mark Billings, President mb@auxicoresources.com

+1 514 296 1641



Pierre Gauthier, Chairman & CEO

pg@auxicoresources.com

+1 514 299 0881



CSE: AUAG