

ABOUT APPIA

Appia is a publicly traded mineral exploration company that aims to strategically position and capitalize on the increasing demand for critical minerals, such as rare earth elements (REE) and uranium. These resources are essential for meeting the high demand for electric vehicles, wind turbines, advanced renewable electronics, and driving the transition towards a greener environment. Appia is committed to advancing multiple rare earths and uranium projects in mining-friendly regions, including Goiás State, Brazil, the Athabasca Basin area in Saskatchewan, Canada and Elliot Lake, Ontario, Canada.



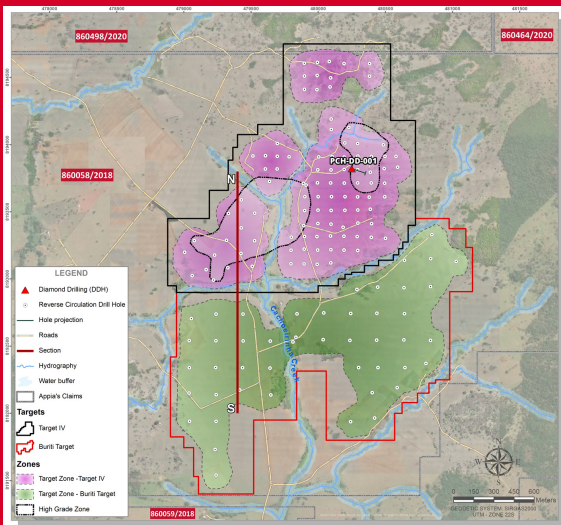
Uranium exploration, such as Appia's **Elliot Lake project**, in Ontario, Canada, could be instrumental in the ongoing development and utilization of crucial uranium resources that ultimately lead to the creation of clean energy and radioisotopes. Additionally, the Company holds four highly prospective exploration projects in the prolific Athabasca Basin Area – **Loranger, North Wollaston, Eastside and Otherside**.

Visit us at appiareu.com to learn more about our world-class projects.

PCH Mineral Resource Estimate

Mineralized Zone	Classification	Volume	SG	Tonnes	TREO	MREO	HREO	Sm2O3	Tb4O7	Dy2O3	Pr6O11	Nd2O3	Sc2O3	Co
		Mm3		Mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Target IV	Indicated	3.3	1.97	6.6	2513	562	186	58.3	5.8	31.1	109	358	15.9	22
	Inferred	6.9	1.96	13.5	7307	1391	331	114.4	9.6	49.4	311	907	24.6	74
Buriti	Inferred	16.7	1.96	32.7	1059	259	101	29.0	3.1	17.8	45	164	68.6	127
TOTAL	Indicated	3.3	1.97	6.6	2513	562	186	58.3	5.8	31.1	109	358	15.9	22
	Inferred	23.6	1.96	46.2	2888	591	168	54.0	5.0	27.0	123	381	55.7	111

- The MRE has an effective date of the 1st of February 2024.
- The Qualified Person for the MRE is Mr. Yann Camus, P.Eng., an employee of SGS.
- The MRE provided in this table were estimated using current Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Standards on Mineral Resources and Reserves, Definitions and Guidelines.
- Mineral Resources that are not Mineral Reserves have not demonstrated economic viability. Additional drilling will be required to convert Inferred and Indicated Mineral Resources to Measured Mineral Resources. There is no certainty that any part of a Mineral Resource will ever be converted into Reserves.
- All analyses used for the MRE were performed by SGS GEOSOL by ICM40B: Multi Acid Digestion / ICP OES – ICP MS and by IMS95R: Lithium Metaborate Fusion / ICP-MS.
- MRE are stated at a cut-off total NSR value of 10 US\$/t. The full price list and recovery used to estimate the NSR is in Table 2. (See March 1, 2024 Press Release) The estimated basket price of TREO is US\$26.98.
- GEOVIA's Whittle™ software was used to provide an optimized pit envelope to demonstrate reasonable prospecting for economic extraction. Preliminary pit optimization parameters included overall pit slope of 30 degrees, in-pit mining costs of \$2.10, processing and G/A costs of \$9/t, and overall mining loss and dilution of 5%. Full details of the preliminary pit-optimization parameters can be found in Table 2. The basket price and oxides price list in Table 2 are based on forward-looking pricing. These future prices are predicted based on market trends, economic forecasts, and other relevant factors. The actual prices may vary depending on changes in these factors.
- Figures are rounded to reflect the relative accuracy of the estimate and numbers may not add due to rounding.
- Resources are presented undiluted and in situ, constrained within a 3D model, and are considered to have reasonable prospects for eventual economic extraction.
- Bulk density values were determined based on physical test work and assumed porosities for each type of material.
- Total Rare Earth Oxides: TREO = Y2O3 + Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + La2O3 + Ce2O3 + Pr2O3 + Nd2O3 + Sm2O3
- Magnetic Rare Earth Oxides: MREO = Sm2O3 + Tb4O7 + Dy2O3 + Pr6O11 + Nd2O3
- Heavy Rare Earth Oxides: HREO = Sm2O3 + Eu2O3 + Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3
- The MRE may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.



PCH REE IAC - SW ZONE

RC drill hole PCH-RC-063 spans 24 metres of mineralization averaging **38,655 ppm or 3.87% Total Rare Earth Oxides** from surface and open at depth.

Of particular significance is the high-grade 2 metre (m) intercept from 10m to 12m, showing an exceptional **92,758 ppm or 9.28% TREO**

High-Grade Mineralized Zone: Total Weighted Average Grade of **7,578 ppm or 0.76% TREO** averaging 19 metres depth across 10 RC drill holes.

The SW Extension Zone contains sample values of up to **13,798 ppm or 1.38% of Magnet Rare Earth Oxides** and **2,241 ppm or 0.22% Heavy Rare Earth Oxides** with holes open at depth.

*Map showing the Target IV and Buriti Zone resource extension

- The deposit contains significant concentrations of **Neodymium (Nd), Praseodymium (Pr), Dysprosium (Dy), and Terbium (Tb)** which are the rare earth elements used in the production of permanent magnets and currently under high demand.
- The Company is currently undertaking a significant evaluation of the potential desorbed rare earth oxide (DREO), and results are pending.
- Significant anomalies of Scandium and Cobalt have been identified in the Buriti Zone, adding additional potential resource value to the project.

MANAGEMENT & ADVISORS

Anastasios (Tom) Drivas

CEO & DIRECTOR

Business entrepreneur with over 30 years of experience in various industries, including over 20 years in the mineral resource industry.

Stephen Burega

PRESIDENT

Brings 16 years of management and operations experience in the international mining and natural resources sectors, plus 15 years experience in finance & communications.

Frank van de Water, B.Com, CPA, CA

CFO, SECRETARY, DIRECTOR

Involved in international mining, metals and resource companies in North and Latin America, Europe and Africa for over 40 years.

Don Hains, P. Geo

SR. TECHNICAL ADVISOR

Consulting Geologist and QP, with highly advanced Industrial Minerals and Ionic Adsorption Clay expertise.

Constatine Karayannopoulos, B.ASc, M.ASc, P.Eng.,

SR. TECHNICAL ADVISOR

Over 30 years experience in developing global REE and critical mineral companies; advises to government and senior management.

Jack Lifton

SR. TECHNICAL ADVISOR

Consultant, author, and lecturer on the market fundamentals of technology metals.

ELLIOT LAKE URANIUM & REE

Indicated Mineral Resource for the Teasdale Lake Zone stands at 14,435,000 tons with a grade of 0.554 lbs U3O8/ton and 3.30 lbs TREE/ton, resulting in a total of **7,995,000 lbs U3O8 and 47,689,000 lbs TREE.**

Inferred Mineral Resource category, the Teasdale Lake Zone comprises 42,447,000 tons, grading 0.474 lbs U3O8/ton and 3.14 lbs TREE/ton, totaling **20,115,000 lbs U3O8 and 133,175,000 lbs TREE.**

Inferred Mineral Resource for the Banana Lake Zone is 30,315,000 tons, with a grade of 0.912 lbs U3O8/ton, resulting in a total of **27,638,000 lbs U3O8.**

The Company holds a large ground position in Elliot Lake with a historical resource (non-compliant) totaling approximately **199 million lbs. of uranium at a grade of 0.76 lbs. U3O8/ton.**

ALCES LAKE REE & URANIUM

High-grade monazite outcrop WRCB zone range from 4.209 to 32.17 wt.% total rare earth oxide (TREO).

2023 - Diamond drill results: **11 drill holes spanning 1,223 metres completed** in southern extension of Magnet Ridge. Five drill holes showcased substantial mineralization intersections, with widths up to **19 metres, indicating a potential increase in grade and thickness.**

2022 - Diamond drill results: 17,481 metres of diamond drilling reported **8.98 m @ 9.46 wt.% TREO including 0.87 m @ 17.1 wt.% TREO in hole 22-WRC-024 at Wilson Zone & 12.13 m @ 0.33 wt.% TREO including 5.7 m @ 0.55 wt.% TREO from hole 22-WRC-016 at AMP Zone in a structural corridor.**

2021 - Diamond Drill results: **21-WRC-015 hole at Wilson North intersected 9.38 metres of 17.53 wt% TREO from 15.22 m - 24.60 m, including 2.14 metres of 32.17 wt% TREO with assays up to 37.92 wt% TREO.**

Exploration strategy covers priority zones, extending approximately **20 kilometers in length and 5 to 7 km in width.**

SHARE STRUCTURE

As of March 1st, 2024

Issued:

136.3 million shares (Insiders – approx. 27 %)

Fully Diluted:

144.5 million shares

Cash on Hand:

Approx. \$2.0 million CAD

Debt: **None**

COMPANY CONTACT

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President

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Bench-scale monazite processing and metallurgical testing results comparable to other producing rare earth projects. Preliminary work done at the Saskatchewan Research Council (SRC) achieved flotation concentrate TREO of 48% with 73% TREO recovery. Improvements are expected from future testing.