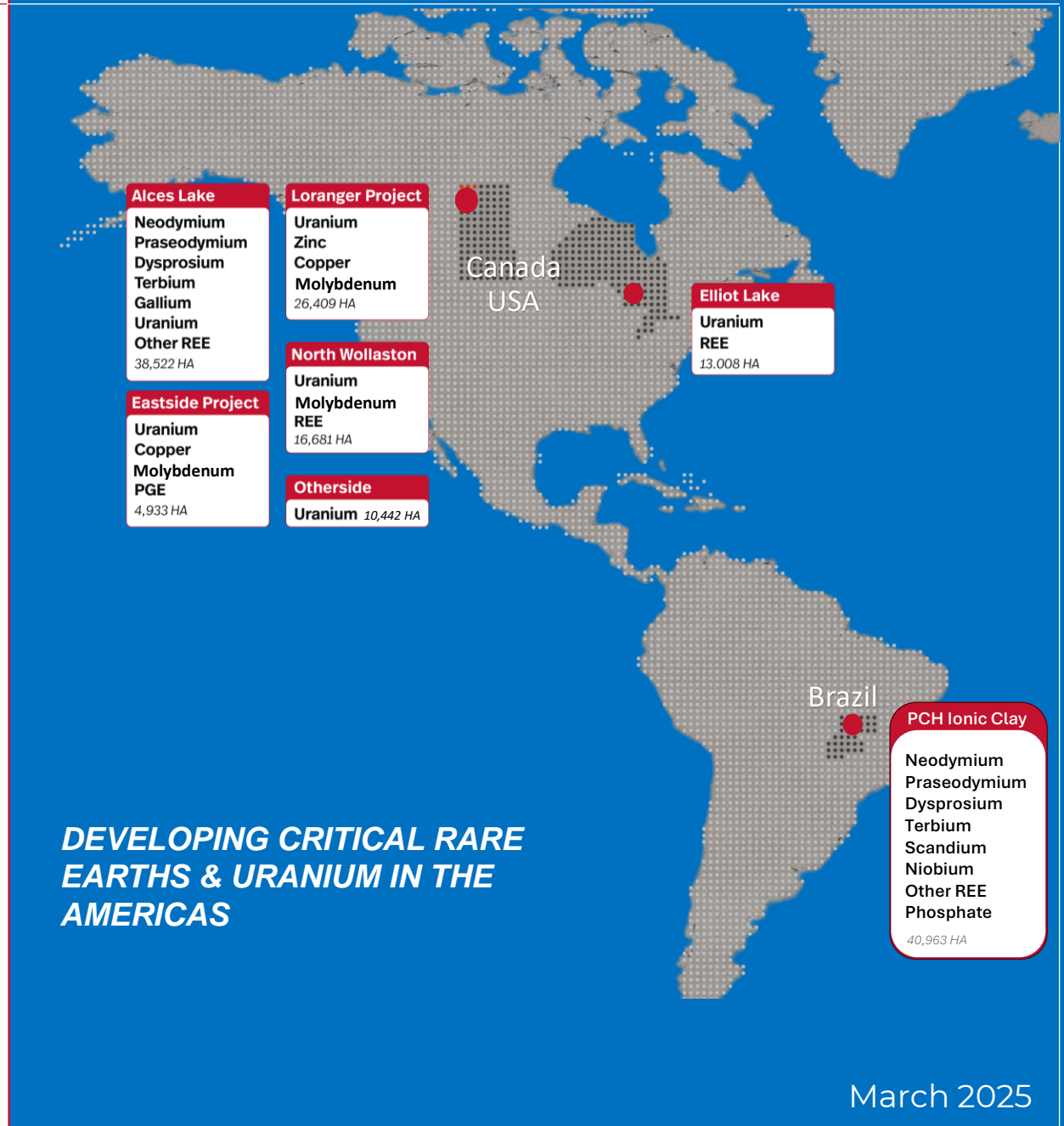
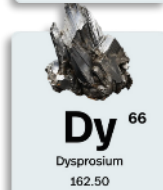
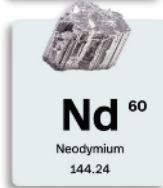
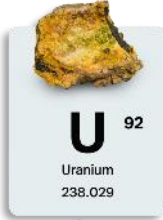




CSE: API | OTCQB: APAAF | FWB: A010 | MUN: A010 | BER: A010



# Forward Looking Statement



This presentation contains forward-looking statements which may include but are not limited to statements with respect to the future financial or operating performance of Appia and its projects, the future price of uranium, capital operating and exploration expenditures, success of exploration activities, permitting timelines, government regulation and environmental risks and costs. Appia has tried to identify these statements by using words such as "plans", "proposes", "expects" or "does not expect", "is expected", "estimates", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.

Forward-looking statements are not based on historical facts and involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company, or events, to be materially different from any future results, performance, achievements or events express or implied by the forward-looking statements. These forward-looking statements reflect current expectations of management regarding future events and performance. Such forward-looking statements are based on a number of assumptions which management believes to be reasonable but may prove to be incorrect and involve significant risks, including but not limited to: the general risks associated with the mining industry, lack of operating history, dependence on key personnel, conflicts of interest, the need to raise additional capital, title to properties, competition, speculative nature of the business, acquiring additional properties, uninsured risks, external market factors, government regulation, environmental regulations, exploration risk, calculation of resources, insufficient resources, barriers to commercial production, maintaining property interests, commodity prices, exchange rates, lack of dividends, lack of public trading market, currency risk and controlling shareholder.

Although Appia has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. Anyone reviewing this Site should not place undue reliance on forward-looking statements. While the Company anticipates that subsequent events and developments may cause its views to change, Appia specifically disclaims any obligation to update these forward-looking statements, except as required by law. The factors identified above are not intended to represent a complete list of the factors that could affect the Company.

The technical information in this Presentation has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The information was reviewed and approved by Dr. Irvine R. Annesley, P.Geo, Consulting Geologist, and Mr. Andre Costa, former VP of Exploration, Brazil and Qualified Persons as defined by National Instrument 43-101.

# Company Overview

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.

## Rare Earths

### **PCH, GOIAS, BRAZIL**

- Two distinct styles of mineralization hosting critical REE in ionic adsorption clays (IAC) and high grade carbonatitic breccia
- Rare Earths in IAC are generally easily extractable with lower Opex & Capex costs
- **MRE & NI 43-101** Technical Report completed with SGS
- Excellent desorption and kinetics
- 42,932 hectares with option to earn 70% interest subject 1% NSR

## Rare Earths

### **ALCES LAKE, SASK, CANADA**

- High-grade *monazite* prospect on surface and near-surface of up to 80% coarse-grained monazite
- World-class critical REE with grades up to 50% TREO plus gallium
- Most attractive mining jurisdiction in Canada with access to SRC monazite processing facility
- 38,522 hectares, 100% interest

## Uranium & REE

### **ELLIOT LAKE, ON, CANADA**

- Holds an extensive **NI-43-101 Indicated & Inferred Mineral Resource Estimate (MRE) of over 55 million pounds Uranium and 180 million pounds of REE.**
- Well-developed infrastructure & 58 Km from Cameco's uranium refining facility near Blind River, ON
- 13,008 hectares, 100% interest subject to 1% NSR if uranium price is over \$130

## Uranium

### **URANIUM PROJECTS, SASK, CANADA**

- 4 exploration projects in the Athabasca Basin
- Loranger, Eastside, Otherside and North Wollaston projects
- Plans for exploration in Summer of 2025 include drilling at Alces Lakes and further ground prospecting and exploration on the other 3 projects
- 100% interest in all projects

# Executive Leadership & Advisors

Appia's Team has over 300 years combined industry experience



Anastasios (Tom)  
Drivas

**CEO & President,  
DIRECTOR**

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



Brian Crawford

**CFO**

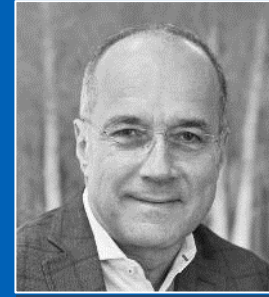
Brian Crawford CPA, CA is a seasoned financial executive with extensive experience in public and private companies and as a partner in a national CPA firm. He currently serves on multiple Canadian public company boards.



Antonio Vitor

**COUNTRY MANAGER**

Track record as a portfolio manager and valued board member. Since 2015 exclusive dedication to mining industry – Graphite, REE and Silica sands



Constantine  
Karayannopoulos

**SR. TECHNICAL  
ADVISOR**

30 years of expertise and leadership at NEO Performance Materials as COO, CEO, Chairman of the Board and CEO again from 2020-2023.



Don Hains, P. Geo

**SR. TECHNICAL  
ADVISOR**

40+ years' experience as a consulting geologist and QP, with highly advanced Industrial Minerals and Ionic Adsorption Clay expertise.



John Goode, P. Geo

**SR. TECHNICAL  
ADVISOR**

Specializing in process design and optimization, John is a Metallurgical Consultant and world-renowned metallurgist with decades of experience in rare earth and specialty metals.

# Why Appia?

- Appia is the only company in the Western world with a diverse portfolio of rare earth and uranium resources hosted in Ionic Clays, Monazite, and Quartz-Pebble Conglomerate Beds. These deposits, located in Goiás, Brazil, as well as Ontario and Saskatchewan, Canada, feature proven and well-established extraction processes.
- Currently, Appia's market cap is a fraction of its peers in the REE industry.
- Appia anticipates market recognition within 12 months once updated NI 43-101 is finalized on the PCH Project.
- As the world transitions to cleaner energy sources and advanced technologies, the demand for rare earth elements and uranium is on the rise. Appia's strategic positioning in these markets, coupled with its commitment to environmentally conscious practices, makes it a compelling choice for investors seeking growth and to align their portfolios with the future of clean energy, high-tech innovation, and responsible resource development.

## Strategic Outlook

1. Working towards becoming a major supplier of a secure source of critical minerals, including Uranium and Magnet Rare Earths, to supply North American and European markets.
2. Further exploration to increase the IAC NI 43-101 resource, and develop a maiden MRE on the high grade carbonatitic breccia zone
  - Work towards identifying potential partners for off-take and/or strategic investment at the PCH project in Brazil.
  - Moving towards the development of a Preliminary Economic Assessment (PEA).
3. Monetizing our non-core assets to fund the PCH project.
  - Existing large Uranium and REE mineral resource estimate (MRE) at Elliot Lake, Ontario
4. Continue exploration at the Alces Lake project to identify further high-grade targets along the +20 KM structural corridor
  - Further exploration at Appia's 4 uranium projects in Saskatchewan.

## Capital Structure

### Issued:

- 153M shares  
(Insiders approx. 27 %)

### Fully Diluted:

- 177M shares

### Debt:

- None

# PCH Project, Goiás, Brazil

## *Highlights:*

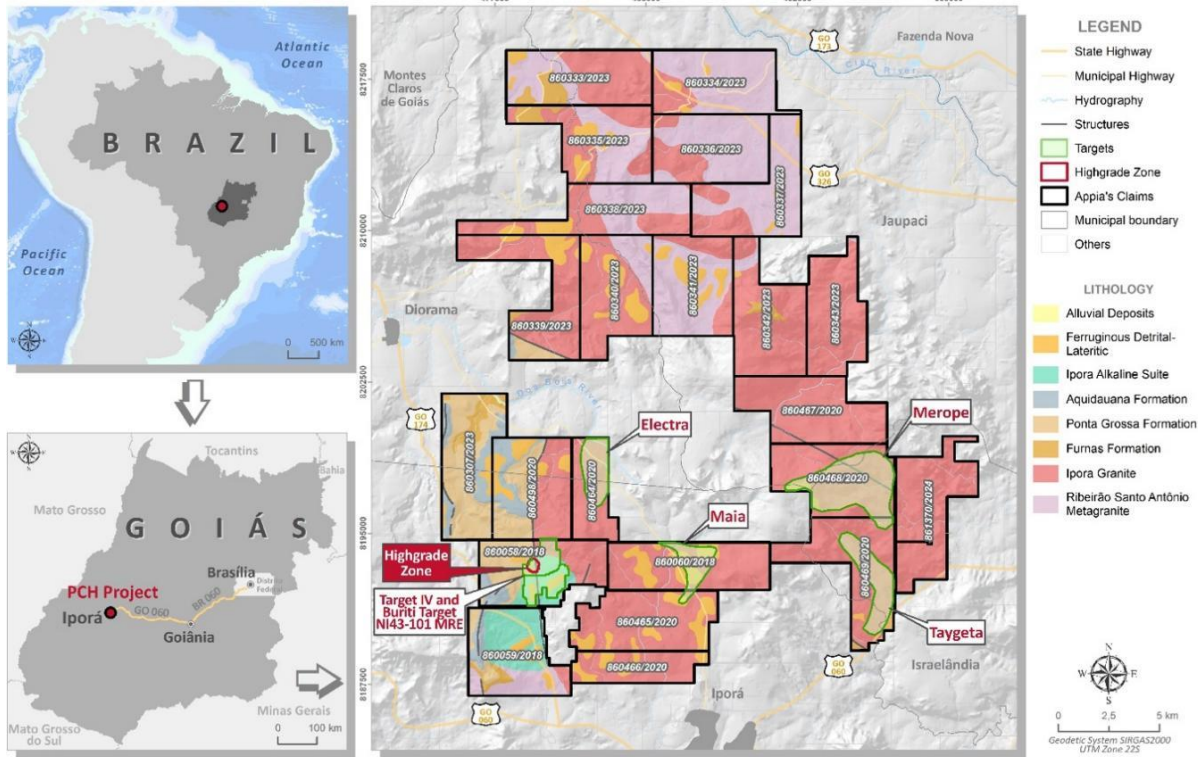
- PCH hosts two styles of mineralization including IAC REE mineralization associated with the weathered Iporá Granite, and high-grade REE mineralization associated with carbonatitic dykes
- Flat, easy rolling topography covering 42,932 hectares in Tocantins Structural Province, Brasília Fold Belt, Goiás, Brazil.
- Significant opportunity to identify new targets at PCH
- Mining-friendly jurisdiction with well-developed infrastructure and substantial government support and initiatives. Located within 30 KM from mining town.
- Supported by landowners, local communities, state, and federal government.



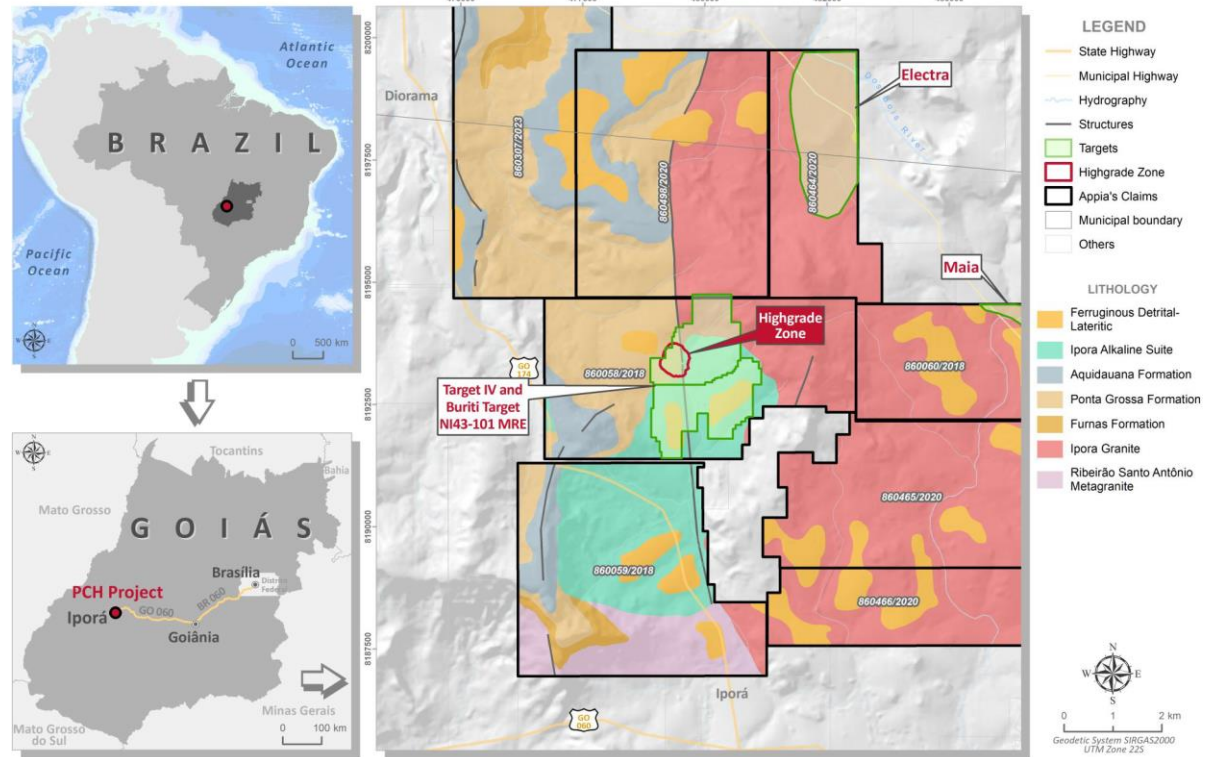
# The PCH Project Overview

- The maiden NI 43-101 Maiden Resource Estimate (MRE) for the PCH Project on Target IV is estimated at 52.8 million tonnes (Mt) comprising 6.6 Mt Indicated resource with a grade of 2,513 ppm TREO and 46.2 Mt Inferred resource with a grade of 2,888 ppm TREO.
  - MRE with significant concentrations of light REEs - Neodymium (Nd), Praseodymium (Pr), and heavy REEs - Dysprosium (Dy), and Terbium (Tb).
- The 4 new IAC zones identified (Merope, Taygeta, Maia and Electra) were auger drilled and resulted in good TREO grades and excellent desorption values containing very good heavy rare earth grades.
  - **There is potential for an additional 265 million tonnes of material.**
- Identification of a high-grade zone, located in the southwest extension zone of Target IV was drilled tested (three 150 metre DDH) and shows mineralization from top to bottom of drill holes.
  - Extremely high TREO grades with up to **92,000 ppm TREO and an average of 23,000 ppm TREO**
- Only 10% of the property has been explored today, and there is excellent potential to discover substantially more resources.
- Appia plans are to aggressively explore the property and complete a PEA and PFS to advance the PCH project into development.
  - Appia is seeking interest from strategic partners and investors to fast track the development of its PCH project.
- Appia has an option to earn 70% interest on the property by incurring US \$10M by 2028 with the right of first refusal (RoFR) for the balance of interest subject to 1% NSR.

# PCH REE Project: PCH Project Maps



The 23-claim PCH Project spans a total of 42,932.24 hectares



Map above delineates the high-grade zone at Target IV



# High grade “Overlimit” Zone – Carbonititic Breccia

- The 3 drillholes intercepted substantial Total Rare Earth Oxide (TREO), Niobium Oxide (Nb<sub>2</sub>O<sub>5</sub>) and Phosphate Oxide (P<sub>2</sub>O<sub>5</sub>) from the brecciated carbonatite intrusion identified in the Southwest Extension Zone of Target IV

Drillhole	Thickness		TREO %	Nb <sub>2</sub> O <sub>5</sub> %	P <sub>2</sub> O <sub>5</sub> %	TiO <sub>2</sub> %	From
<b>PCH-DDH-002</b>	<b>150 metres</b>	<b>@</b>	<b>1.14</b>	<b>0.12</b>	<b>2.76</b>	<b>2.31</b>	<b>Surface</b>
including	12 metres	@	2.54	0.21	9.52	0.61	37 metres
including	20 metres	@	1.75	0.13	2.8	2.49	81 metres
including	18 metres	@	2.03	0.14	2.29	0.34	132 metres
<b>PCH-DDH-003</b>	<b>147.7 metres</b>	<b>@</b>	<b>1.69</b>	<b>0.18</b>	<b>3.26</b>	<b>1.39</b>	<b>Surface</b>
including	58 metres	@	2.19	0.26	5.18	1.89	Surface
including	17 metres	@	1.87	0.11	1.44	0.52	117 metres
<b>PCN-DDH-004</b>	<b>153 metres</b>	<b>@</b>	<b>1.08</b>	<b>0.15</b>	<b>2.31</b>	<b>1.99</b>	<b>Surface</b>
including	10 metres	@	2.16	0.24	3.22	5.12	10 metres
including	9 metres	@	3.08	0.24	7.37	0.96	42 metres
including	18 metres	@	1.01	0.26	3.15	0.32	135 metres

- These results are the 2nd, 3rd, and 4th highest-grade drilled intercepts in the REE industry for 2024.**
- All three drillholes ended in TREO mineralization indicating a potential to increase the mineralized zone at depth
- 20% of assay results returned ‘overlimit’ and will be re-assayed
- Appia plans for additional drilling to develop 43-101 resource and PEA.

# High-grade “Overlimit” Zone – Results

Drillhole	Thickness	TREO %	Nb205%	From
PCH-DDH-002	150 metres	@ 1.34%	0.13%	Surface
including	10 metres	@ 4.11%	0.23%	37 metres
including	10 metres	@ 2.24%	0.17%	91 metres
including	6 metres	@ 3.94%	0.22%	144 metres
PCH-DDH-003	147 metres	@ 2.00%	0.23%	Surface
including	31 metres	@ 3.60%	0.53%	3 metres
including	8 metres	@ 3.68%	0.31%	47 metres
including	9 metres	@ 2.35%	0.11%	117 metres
PCH-DDH-004	153 metres	@ 1.32%	0.20%	Surface
including	9 metres	@ 3.01%	0.26%	11 metres
including	10 metres	@ 5.68%	0.44%	42 metres
including	22 metres	@ 1.13%	0.44%	138 metres

- The table above contains **97 overlimit samples** of the 516 samples collected from the brecciated carbonatite intrusion in the Southwest Extension Zone of Target IV, resulting in a 19% increase in average TREO grades and a 23% increase in average Niobium grades compared to the originally reported values.

# Auger Drilling Overall Results – 4 New IAC Zones – Excellent Desorption

## •Taygeta Target overall recoveries:

33.85% TREO,  
34.48% HREO,  
60.10% NdPr and  
37.34% DyTb.

## •Merope Target overall recoveries:

28.99% TREO,  
44.23% HREO,  
34.96% NdPr and  
43.93% DyTb.

## •Maia Target overall recoveries:

34.03% TREO,  
47.37% HREO,  
68.98% NdPr and  
49.63% DyTb.

## •Electra Target overall recoveries:

11.33% TREO,  
28.53% HREO,  
15.05% NdPr and  
22.58% DyTb.

## Overall average sample results from all auger holes interval tested by target

TARGET	Sample Grade				Desorbed Grade				Recovery			
	TREO	HREO	NdPr	DyTb	TREO	HREO	NdPr	DyTb	TREO	HREO	NdPr	DyTb
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
Taygeta	917.66	242.11	159.25	25.76	310.59	83.48	95.71	9.62	33.85	34.48	60.10	37.34
Merope	794.05	301.72	130.03	31.64	230.22	133.46	45.46	13.9	28.99	44.23	34.96	43.93
Maia	600.75	131.04	103.1	16.02	204.44	62.08	71.12	7.95	34.03	47.37	68.98	49.63
Electra	924.58	172.09	175.46	21.21	104.78	49.09	26.4	4.79	11.33	28.53	15.05	22.58

\*Total Rare Earth Oxides: TREO = Y2O3 + Eu2O3 + Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + La2O3 + CeO2 + Pr6O11 + Nd2O3 + Sm2O3

\*Heavy Rare Earth Oxides: HREO = Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + Y2O3

\*NdPr = Nd2O3+Pr6O11

\*DyTb = Dy2O3+Tb4O7

\*Element to Oxide Conversion Factor - Cerium CeO2 1.2284, Dysprosium Dy2O3 1.1477, Erbium Er2O3 1.1435, Europium Eu2O3 1.1579, Gadolinium Gd2O3 1.1526, Holmium Ho2O3 1.1455, Lanthanum La2O3 1.1728, Lutetium Lu2O3 1.1371, Neodymium Nd2O3 1.1664, Praseodymium Pr6O11 1.2082, Samarium Sm2O3 1.1596, Terbium Tb4O7 1.1762, Thulium Tm2O3 1.1421, Yttrium Y2O3 1.2699, Ytterbium Yb2O3 1.1387

\* ppm=parts per million and D=the desorbed Amount

\* Desorbability results were conducted using Ammonium Sulfate at 0.5M, pH4 or pH2, for 20 minutes.

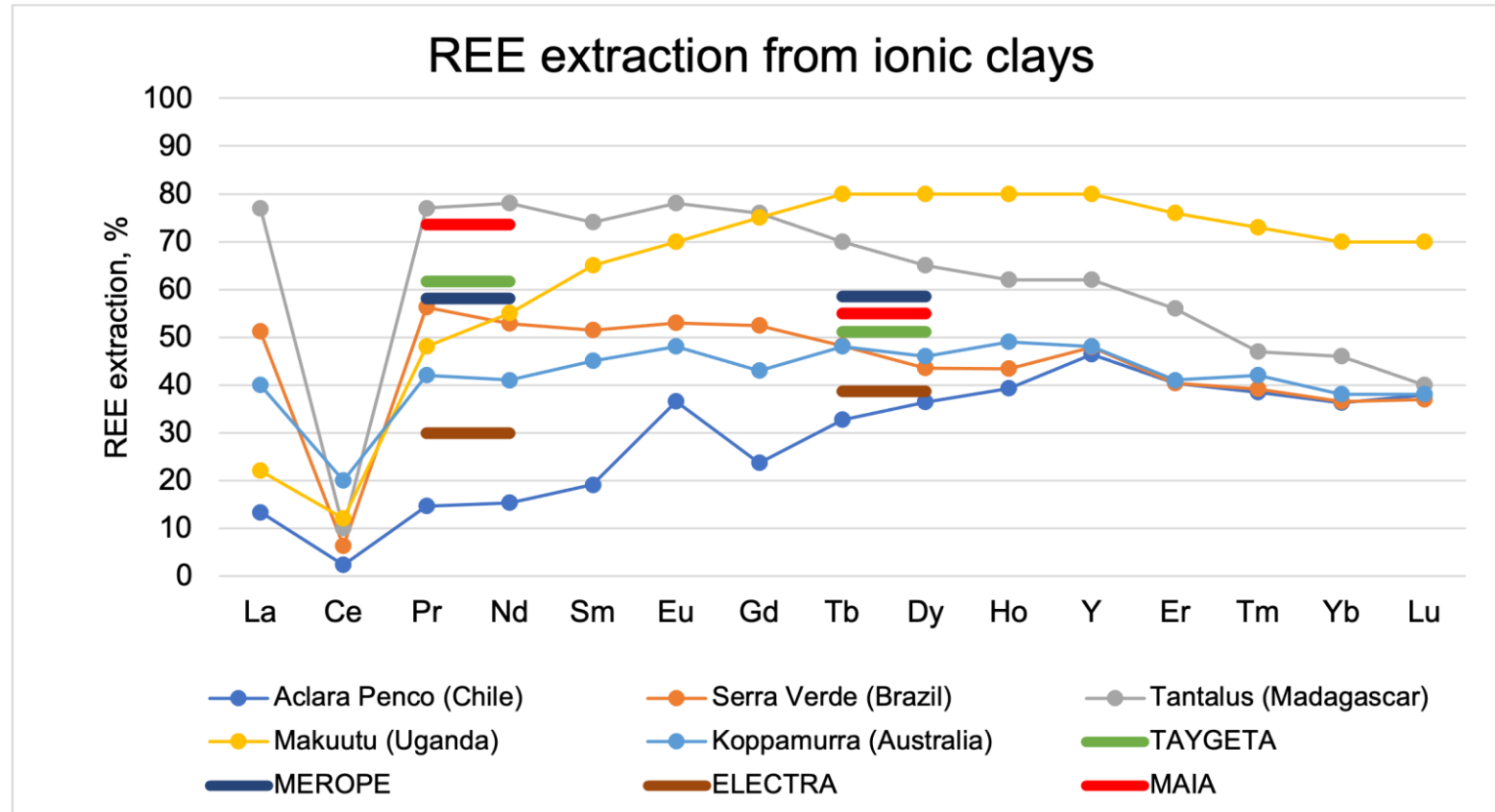
## Overall target average desorption recoveries from intervals by rare earth element

Target	La	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Tb	Ho	Er	Tm	Yb	Lu	Y
Taygeta	54%	6%	51%	52%	46%	42%	44%	29%	32%	25%	22%	18%	16%	15%	29%
Merope	33%	5%	33%	35%	32%	35%	34%	28%	29%	26%	25%	21%	19%	18%	29%
Maia	37%	5%	45%	51%	49%	48%	44%	37%	39%	34%	33%	31%	28%	26%	35%
Electra	12%	3%	12%	14%	14%	16%	17%	16%	15%	17%	17%	16%	16%	15%	21%

# PCH IAC Conclusions

- Right lithological environment (Granite) similar to Serra Verde, Aclara Penco module and ionic clay deposits in China.
- All 4 target have a 50% volume increase potential due to mineralization depth increase.
- Good heavy rare earth extraction and excellent desorption
- Kinetics – Extraction of REE in **less than 5 minutes** with excellent desorption.
- Infrastructure in place (roads, 30 km from mining town).
- Easy-rolling topography, amenable to mobile mining and extraction.
- Full support from local communities, state, and government.
- No tailings, low radioactivity, low CAP and APEX.

Scenario 2 modeled REE extraction compatible with several known ionic clay deposits,  
Source: John Goode



# PCH Next Steps, Chronogram, and Budget

## 2025

- Plan NI 43-101 and PEA's resource estimates for both IAC and Carbonatitic mineralized zones.
- 2,000 metres Diamond Drilling program to extend and delineate initial Highgrade Carbonatite Target resource.
- Mineralogic and metallurgical test on high grade target material.
- 2,000 metres Reverse Circulation drilling on Taygeta and Merope targets extend and define resources.
- 1,500 metres (200 drill holes) Auger drilling on potential new IAC targets.
- PEA study for Highgrade Carbonatite Target.
- PEA study for Taygeta-Merope Target.

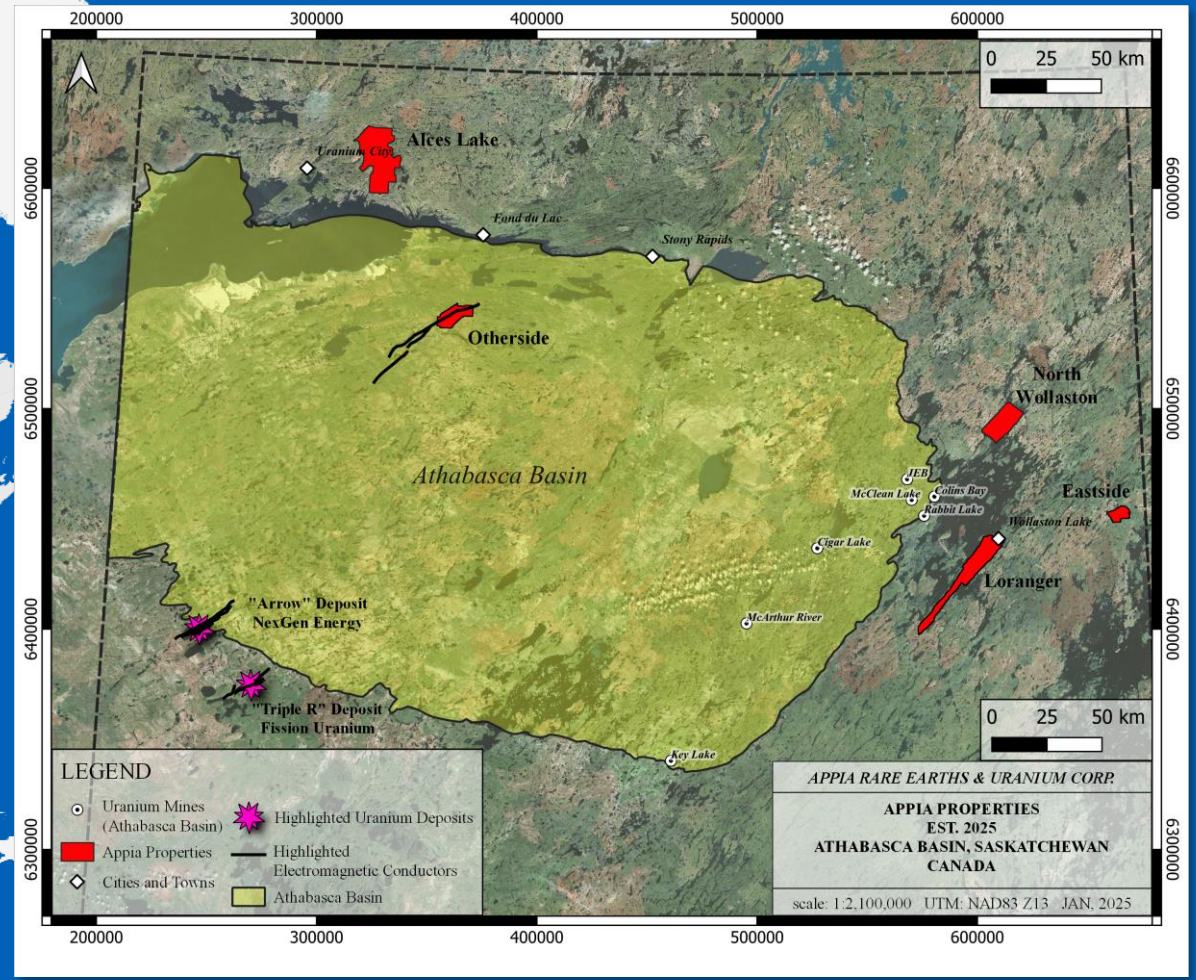
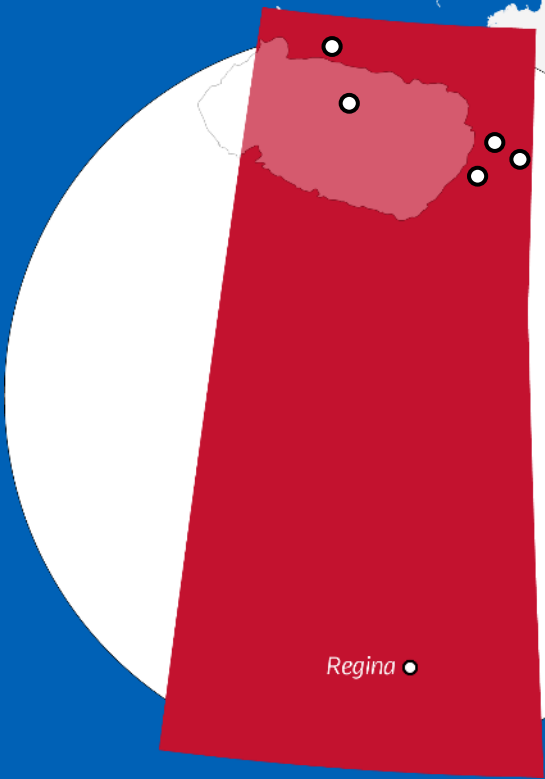
## 2026

- PFS study for Highgrade Carbonatite and Taygeta-Merope Targets.

Total Budget of **US\$1,500,000.00** to develop the High-Grade and New IAC Targets to PEA Stage in 12 months:

Activity	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Auger Drilling + assay (1,500m)						\$130,000						
DDH + assay (2,000m)		\$500,000										
RC Drilling + assay (2,000m)						\$470,000						
Operational Cost												\$200,000
NI 43-101 & PEA												\$200,000

# Portfolio of Projects, Saskatchewan, Canada



# Alces Lake Summary – High Grade REE In Monazite

## Exploration:

- Multiple zones of REE discoveries along geological strike with sub-surface zones open in all directions.
- **Recent work:** 40 drill holes assessed **two new zones**, Jesse and the Alces Lake Fold. Expanding the previously discovered WRCB and Magnet Ridge zones.
- Permanent 35-person camp with year-around accessibility and promoting Work, Resources, and Employment Expansion for the Local First Nations Community of Fond-du-Lac

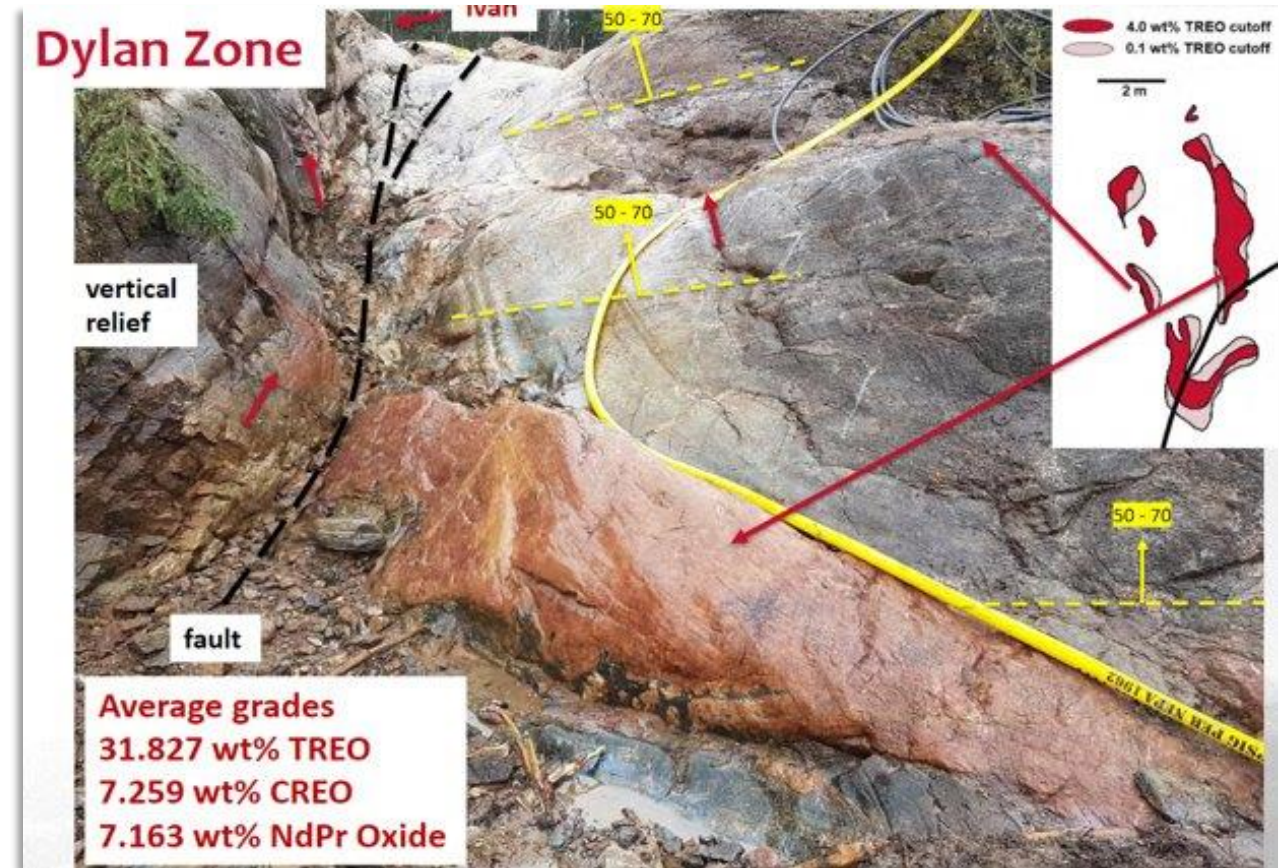
## High-Grade TREO Discoveries:

- **IV-19-012:** 16.1 wt% TREO over 15.6m, including 31.3 wt% TREO over 7.9m and 49.2 wt% TREO over 3.7m .
- **IV-19-011:** 6.2 wt% TREO over 6.5 m, including 37.6 wt% TREO over 1.1 m.
- **IV-19-013:** 4.4 wt% TREO over 6.0 m, including 12.6 wt% TREO over 2.1 m and 22.5 wt% TREO over 1.8m.
- **22-WRC-024:** 8.98m @ 9.46 wt.% TREO including 0.87m @ 17.1 wt.% TREO in hole
- Major mineralization occurs **at and within 85m of surface.**

## SRC REE Processing Facility

### Landmark Initiative

- Using in-house developed, state-of-the-art, automated technology in metal smelting, SRC's facility is ready to produce 10 tonnes of neodymium-praseodymium (NdPr) metals per month, with purities greater than 99.5 per cent and conversions greater than 98 percent. SRC is on track to upscale this production to 40 tonnes of rare earth metals per month.



High-grade monazite outcrop WRCB zone, Alces Lake Saskatchewan

# Alces Lake REE Project: Significant Potential and New Targets for 2025

## Resource Characteristics:

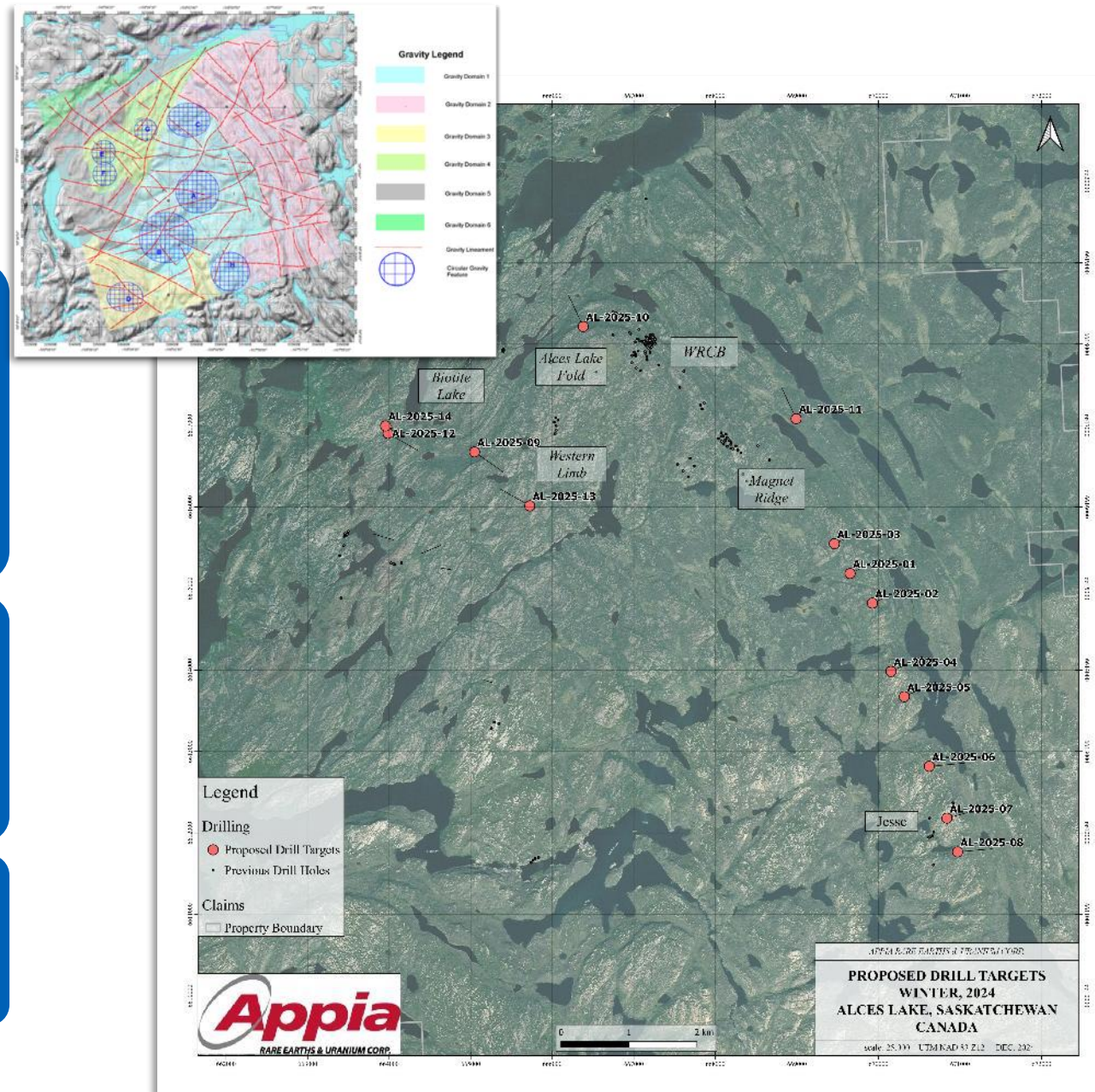
- World-class critical REE with grades up to 50% Total Rare Earths Oxide (TREO) plus gallium.
- Extensive high-grade monazite mineralization.
- Surface and near-surface showings/prospects of up to 80% coarse-grained monazite within pegmatites.
- Simple mineralogy - metallurgical testing confirms processing potential like other producing mines.

## Key Findings:

- Mapped subsurface lithology & structures aiding REE mineralization
- Identified six major gravity domains with strong mineral potential
- AGG & Magnetic Data highlight shear zones, faults, and high-density anomalies
- Correlated with past WRCB & Magnet Ridge discoveries

## 2025 Drill Plan:

- 14 drill holes targeting newly interpreted geophysical structures
- Focus on NNW-SSE regional shear zone
- Planned drill depths 300m – 500m





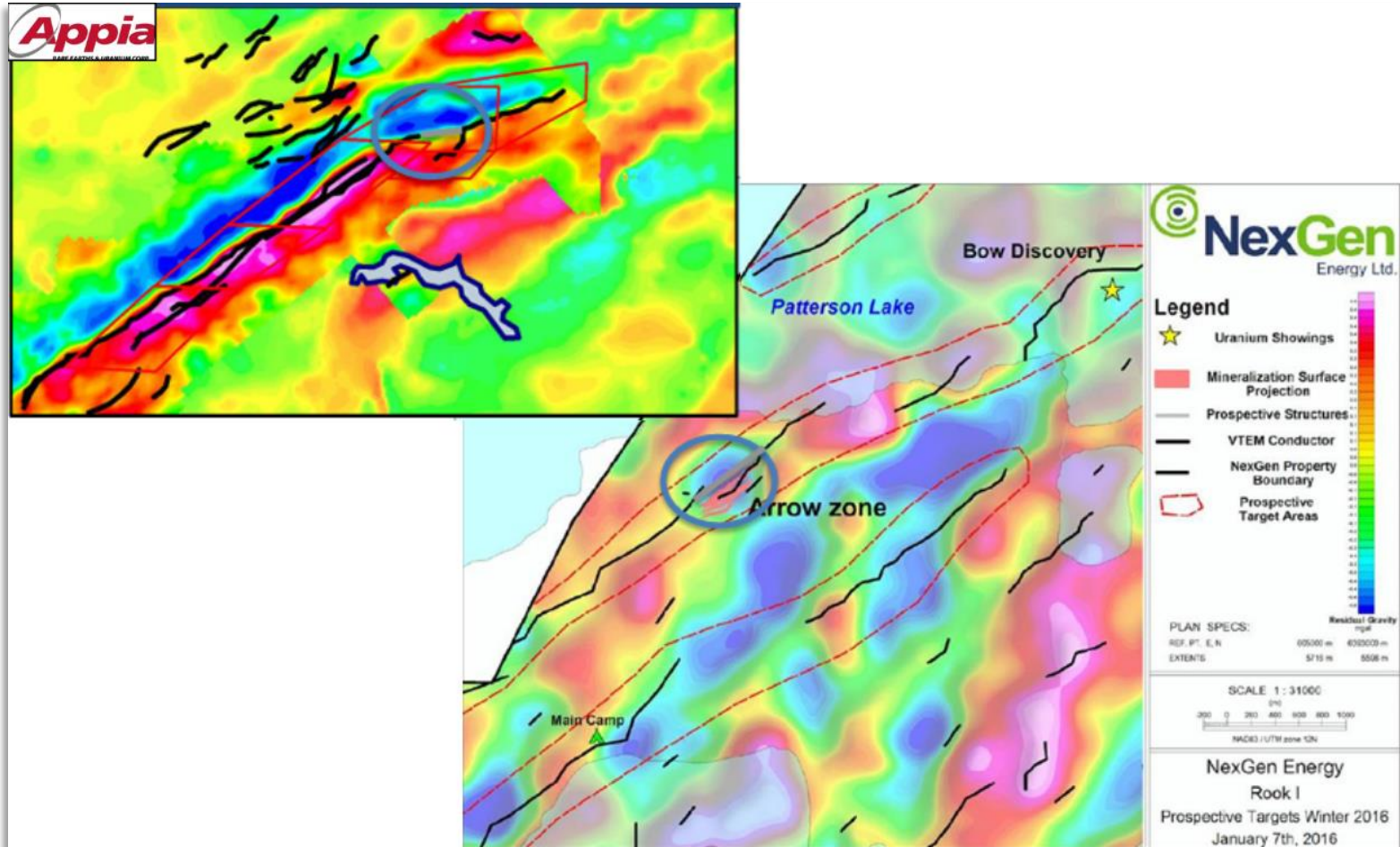
# Otherside Uranium Project: Excellent Potential for High-Grade Uranium

## Otherside is a High-Potential Property:

- Massive, untapped, 49 km electromagnetic conductor, significantly larger than many conductors associated with major Athabasca Basin uranium deposits.
- Similar geophysical characteristics like other high-grade uranium deposits in northern Saskatchewan.
- Signal indicators for deep-seated structural bends and faults providing ideal fluid pathways for uranium mineralization, like NexGen's Arrow and Paladin's Triple R deposits.
- Otherside's property area is 10,441.88 hectares and is 100% owned by Appia.

## Proven Geophysical Indicators of Uranium Deposits:

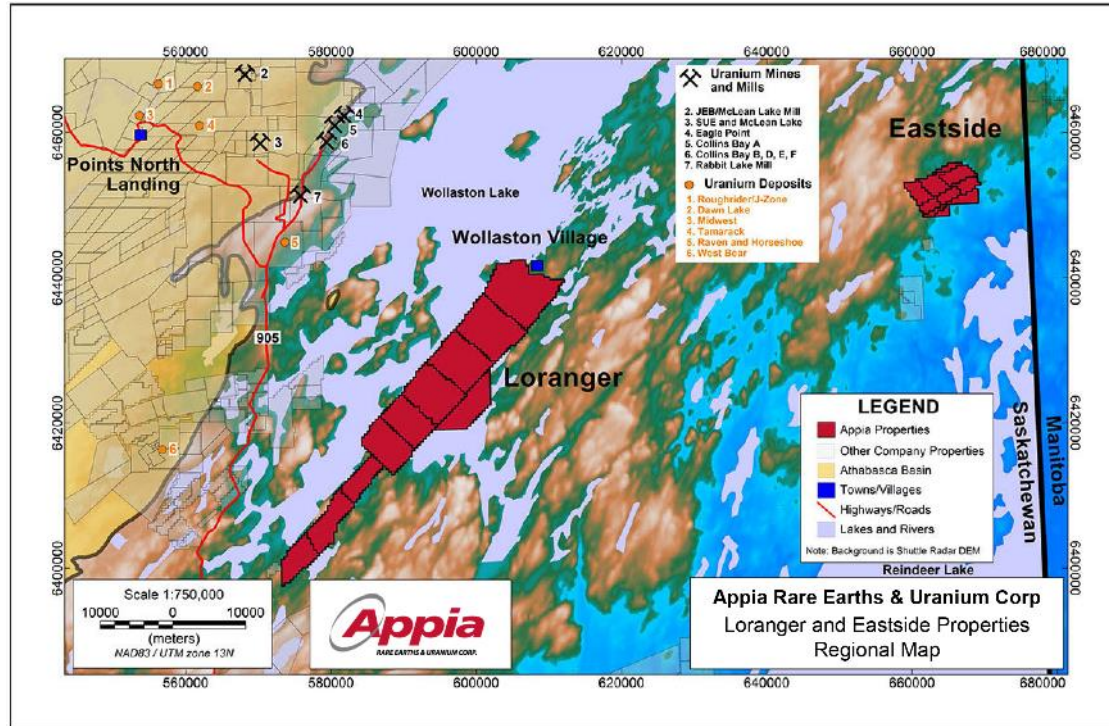
- Gravity Low Anomalies: Indicate hydrothermal alteration, a key factor in uranium deposition.
- Magnetic Low Anomalies: Suggest alteration zones often linked with high-grade uranium deposits.
- EM Conductors: Known to host world-class uranium deposits due to their fluid-trapping potential.



Comparison of Appia's Otherside property and NexGen Energy Ltd.'s "Arrow" deposit showcasing similarities in structurally bent and faulted EM conductor relating to uranium deposition.

Source: NexGen Energy Ltd. Corporate Presentation - 2016

# Loranger Uranium Project: Athabasca Basin Area, Saskatchewan, Canada



The property is situated within the Eastern Wollaston Domain, next to the Western Wollaston Domain & Wollaston-Mudjatik Transition Zone (WMTZ), which is renowned for hosting over 1 billion pounds of high-grade U<sub>3</sub>O<sub>8</sub>.

- ### Project Highlights:
- June 2024 diamond drilling program tested 3 conductors and **resulted in new near-surface uranium and rare earth discoveries** while following up 2017 and 2019 exploration programs.
  - Previous drilling campaigns covered 4,630.8 metres across 34 drill holes
  - Up to 0.34 wt% U3O8 has been uncovered through previous exploration in the core drill-zone.
  - Uranium exploration at Loranger boasts surface rights of approximately 26,408.8 hectares, measuring 57 km by 9 Km.
  - Exploration in the Nuhenéné region will progress through a collaborative partnership with the Ya'thi Néné First Nations and local Wollaston residents.
  - Appia's Athabasca Basin area properties are located near Cameco's Rabbit Lake uranium mill and Eagle Point mine operations.

# Eastside Uranium & REE Project: Exploration Overview

## Resource Characteristics:

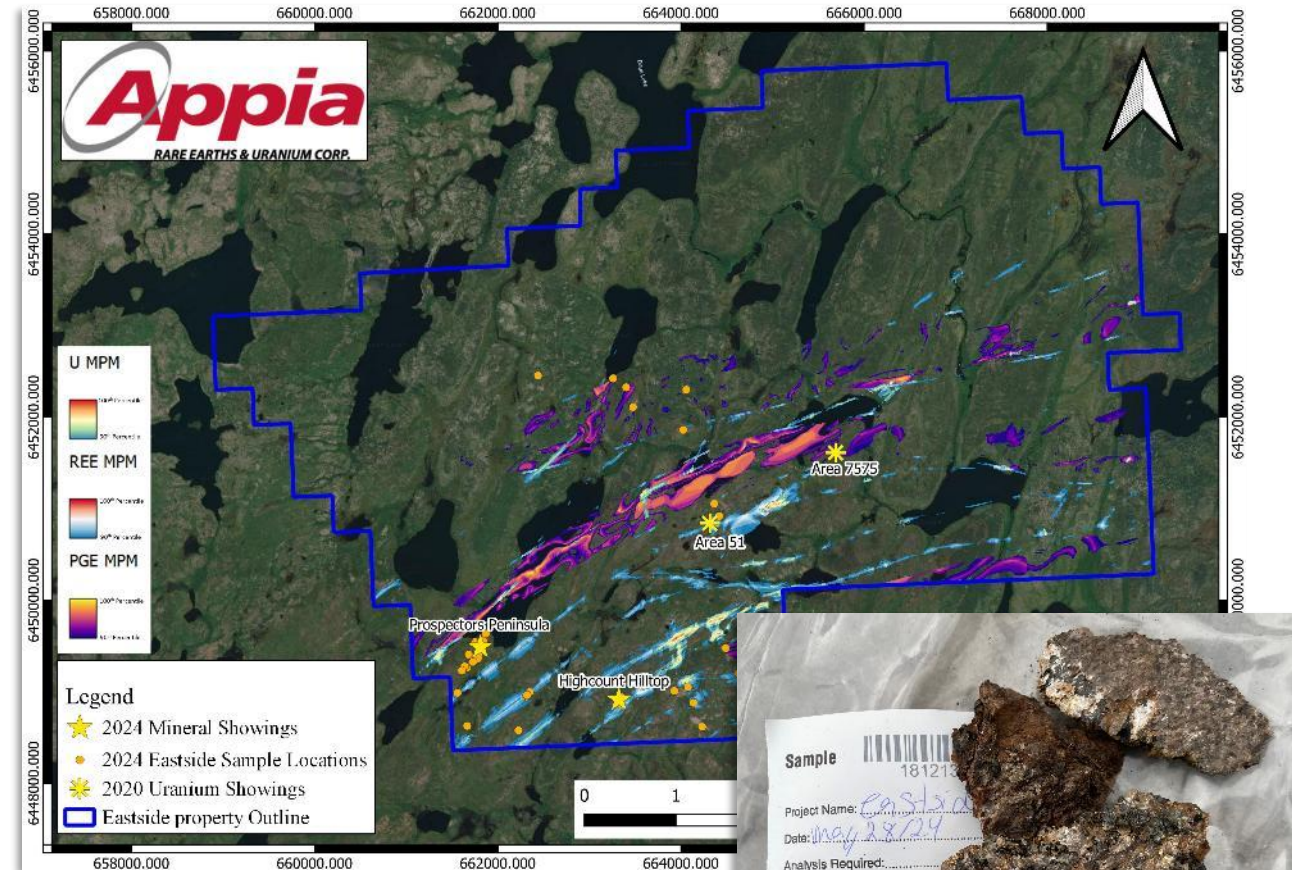
- Pegmatite-hosted uranium, rare earth element, and platinum group element (PGE) mineralization.
- Mineralogical sequence characteristic of sub-Athabasca high-grade basement-hosted uranium deposits.

## Exploration and Discoveries:

- Host to two (2) generations of geologic exploration, including 1975 to 1980, and 2017 to present day.
- Multiple uranium and rare earth element samples discovered on the property.
- Ground prospecting samples revealed uranium concentrations of 2,523 ppm.

## Geographical and Regulatory Context:

- Located in Saskatchewan's "Hearne Craton", host to several high-grade uranium mines, including McArthur River, Cigar Lake, and Key Lake.



Exploration sites with potential for uranium, rare earth elements, and platinum group elements hosted on the Eastside property.



A sample of uranium mineralization hosted within massive biotite pegmatite discovered on the Eastside property.

# North Wollaston Uranium Project: Exploration Overview

## Resource Characteristics:

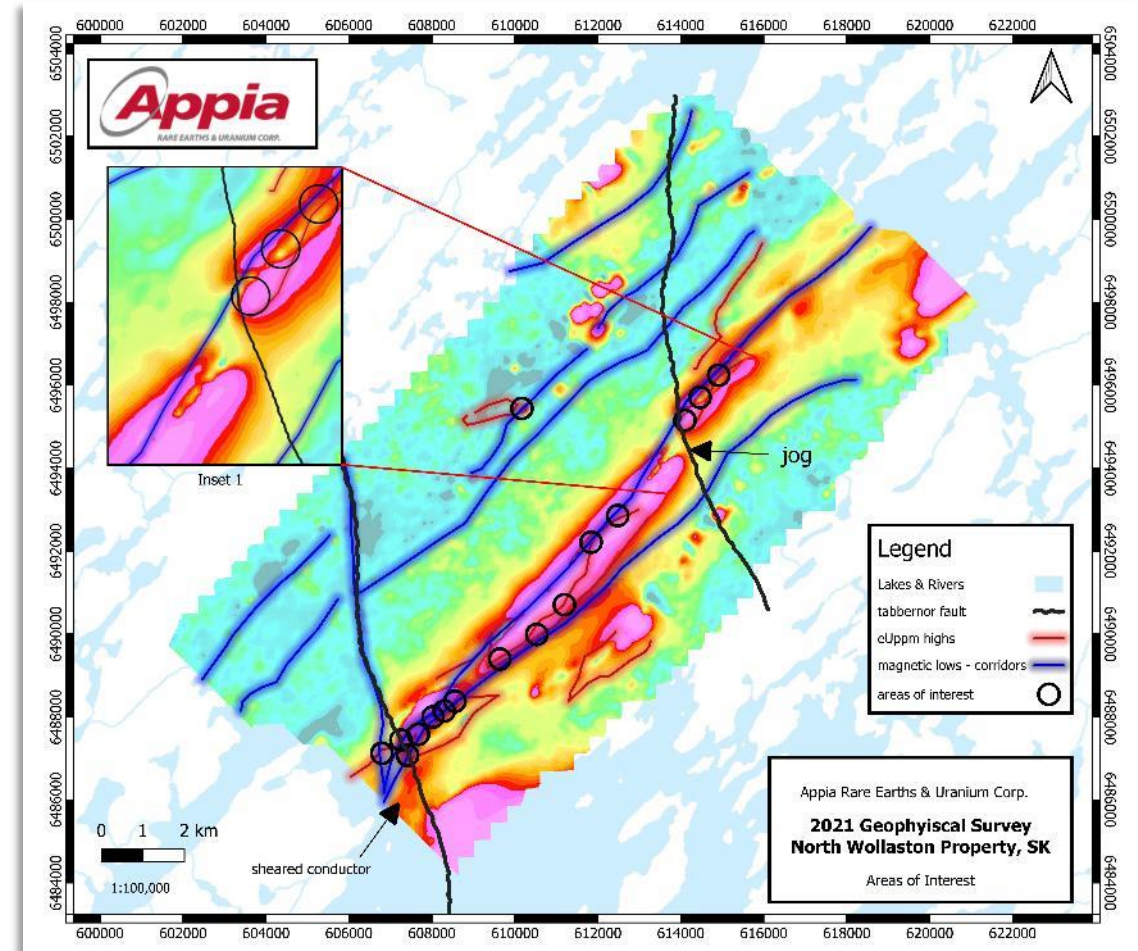
- Uranium and rare earth element mineralization hosted within structurally controlled pegmatite veins and pods.
- Geophysical methods like electromagnetic, magnetic, and gravity surveying are employed to detect alteration envelopes and geological structures that potentially lead to uranium mineralization.

## Exploration and Discoveries:

- Substantial geological and geophysical exploration from 1978 to 1984 inclusive of ground prospecting, geophysical surveying, and diamond drilling.
- Numerous surface boulder clusters discovered with elevated U3O8 in range of hundreds to thousands of ppm.
- Deep graphitic faults within metapelitic gneiss suggesting potential for subsurface uranium deposits.

## Geographical and Regulatory Context:

- Situated in Saskatchewan's "Wollaston-Mudjatik Transition Zone", an area renowned for hosting the province's uranium mining operations.



North Wollaston exploration sites of interest for potential uranium discovery based on surface uranium anomalies and magnetic/electromagnetic structural breaks. Overlay map is an electromagnetic survey ( B-field Z component).

# Elliot Lake, Ontario, Canada

## *Highlights:*

- Appia Holds a 100% interest in the Elliot Lake Property
- The property spans 13,008 hectares (32,143 acres) and comprises a group of 101 staked mineral claims, approximately 3 km north of the town of Elliot Lake.
- Adjacent to Denison Mines Corp. and Rio Algom Limited past-producing uranium and REE mines.
- The Elliot Lake camp has a rich history, having produced over 300 million lbs. of U<sub>3</sub>O<sub>8</sub>.
- Unique distinction as the only Canadian mining camp with significant historical commercial rare earth element production (yttrium).



# Elliot Lake Uranium & REE Projects

Strong potential to increase the NI 43-101 resource in size as the mineralization is largely unconstrained along strike and down dip.

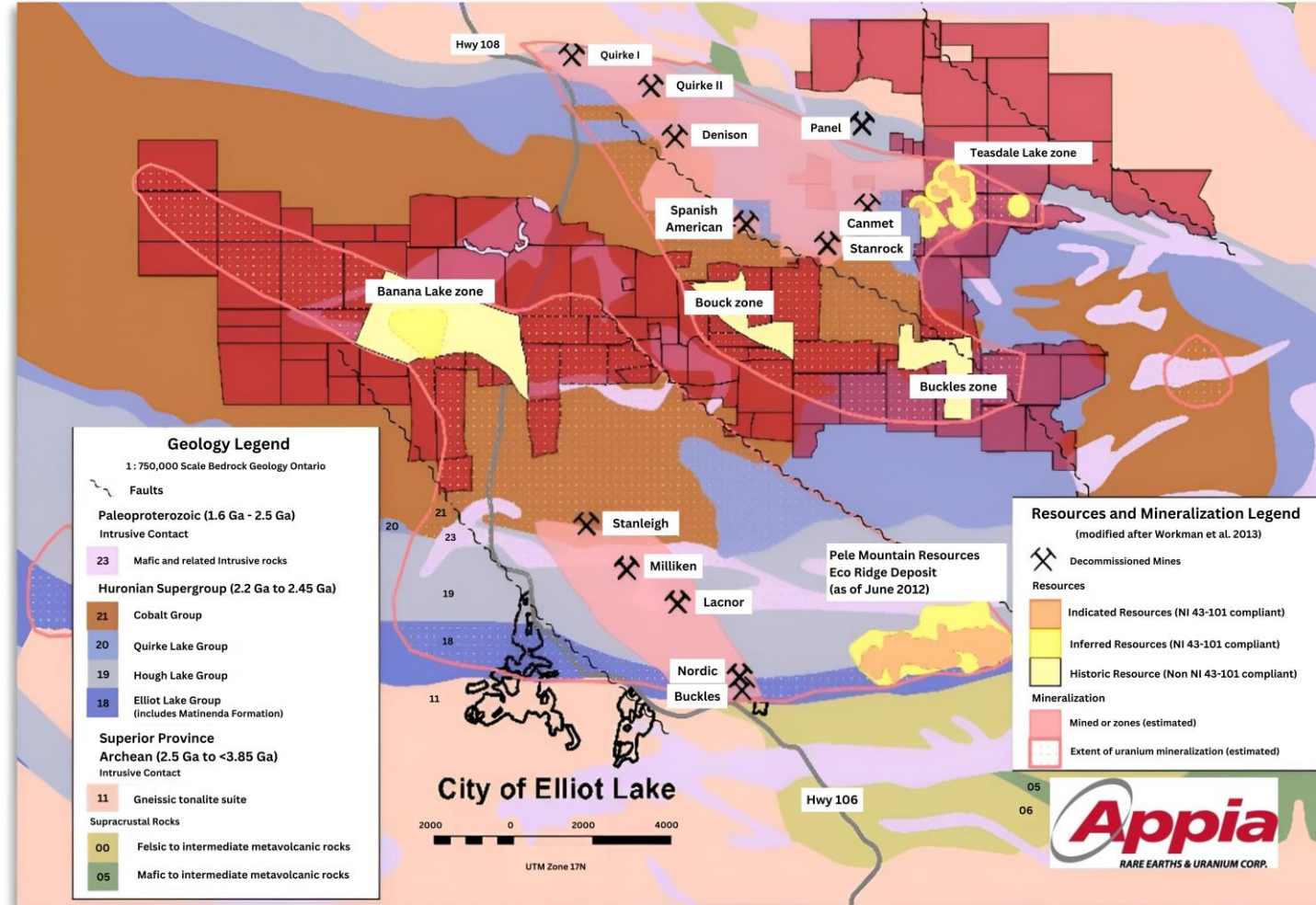
- Historic Resource containing approx. 200 million pounds uranium

## Metallurgical Testing:

- Various process methods employed in metallurgical testing.
- Indications of a high recovery rate, approximately 90% for uranium and most REE falling in the 80% to 90% range.

## Geological Features:

- Uranium and REE metals are hosted within quartz-pebble conglomerate beds.
- These beds are situated in the Matinenda Formation, the basal unit of the Elliot Lake Group.
- The uranium and REE-bearing horizon is characterized as a clean, well-sorted, coarse-pebble conglomerate.



# Elliot Lake Uranium & REE Project: NI 43-101 Mineral Resource Estimate

Indicated Resource					Inferred Resource			
	Tonnage (M Tons)	Average Grade (lbs./ton)	Contained Metal U <sub>3</sub> O <sub>8</sub> (M lbs.)	Contained Metal TREE (M lbs.)	Tonnage (M tons)	Average Grade (lbs./ton)	Contained Metal U <sub>3</sub> O <sub>8</sub> (M lbs.)	Contained Metal TREE (M lbs.)
<b>Teasdale Lake Zone</b>								
U <sub>3</sub> O <sub>8</sub>	14.4	0.554	8.0		42.4	0.474	20.1	
TREE	14.4	3.30		47.7	42.4	3.14		133.2
<b>Banana Lake Zone</b>								
U <sub>3</sub> O <sub>8</sub>					30.3	0.912	27.6	
<b>Total for both zones</b>								
Total	14.4		8.0	47.7	72.8		47.7	133.2

## 2013 NI 43-101 Mineral Resource Estimate

The NI 43-101 Indicated Mineral Resource for the Teasdale Lake Zone stands at 14,435,000 tons with a grade of 0.554 lbs U<sub>3</sub>O<sub>8</sub>/ton and 3.30 lbs TREE/ton, resulting in a total of 7,995,000 lbs U<sub>3</sub>O<sub>8</sub> and 47,689,000 lbs TREE. In the Inferred Mineral Resource category, the Teasdale Lake Zone comprises 42,447,000 tons, grading 0.474 lbs U<sub>3</sub>O<sub>8</sub>/ton and 3.14 lbs TREE/ton, totaling 20,115,000 lbs U<sub>3</sub>O<sub>8</sub> and 133,175,000 lbs TREE. Additionally, the Inferred Mineral Resource for the Banana Lake Zone is 30,315,000 tons, with a grade of 0.912 lbs U<sub>3</sub>O<sub>8</sub>/ton, resulting in a total of 27,638,000 lbs U<sub>3</sub>O<sub>8</sub>. The resources are largely unconstrained along strike and down dip. \*Refer to the NI 43-101 Mineral Resource Estimate page for qualifying notes regarding the Mineral Resource estimates, and individual element grades supporting the reported TREE results.



**CSE: API | OTCQX: APAAF | FWB: A010 | MUN: A010 | BER: A010**

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