



Blue Sky  
Uranium  
Corp.

TSX-V: BSK OTC: BKUCF FSE: MAL2

December 2021

Advanced Exploration at the  
Largest Uranium/ Vanadium  
District in Argentina



GROSSO GROUP MEMBER COMPANY

[www.blueskyuranium.com](http://www.blueskyuranium.com)

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We advise U.S. investors that the SEC's mining guidelines strictly prohibit information of this type in documents filed with the SEC. U.S. investors are cautioned that mineral deposits on adjacent properties are not indicative of mineral deposits on our properties.

Uranium deposits and resources owned by other companies referred to in this presentation have not been independently verified by the Corporation and information regarding these deposits are drawn from publicly available information. There is no certainty that further exploration of the Corporation's uranium targets will result in the delineation of a similar mineral resources.

**Mineral resources, which are not mineral reserves, do not have demonstrated economic viability. The estimate of mineral resources may be materially affected by environmental, permitting, legal, title, taxation, sociopolitical, marketing, or other relevant issues. The quantity and grade of reported Inferred resources are uncertain in nature and there has been insufficient exploration to classify these inferred resources as Indicated or Measured, and it is uncertain if further exploration will result in upgrading them to an Indicated or Measured category.**

**The PEA is preliminary in nature and is based solely on Inferred Mineral Resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability and there is no certainty that the PEA will be realized.**

This presentation has been reviewed and approved by David Terry, Ph.D., P. Geo, a Director of the Company and a Qualified Person as defined in NI 43-101.

## Uranium Market

- Set for a **global supply deficit**
- Local **in-country demand**

## Project

- **Floor value:** 22.7 million lbs. uranium & 11.5 million lbs. vanadium (2019 PEA)
- Resource **open for expansion**
- Key **targets identified** within the property
- 145 km property length – **district scale**

## Potential to become

- A **world class uranium district** with lowest quartile operating costs when compared to global producers

**Blue Sky Uranium Corp.**  
**(TSX-V:BSK, OTCQB:BKUCF, FSE:MAL2)**

is focused on acquiring, exploring and advancing towards uranium-vanadium production.

- Over 400,000 ha of prospective tenements in Argentina
- **Amarillo Grande Project** consists of three major properties:
  - ❖ Ivana Property
  - ❖ Anit Property
  - ❖ Santa Barbara Property





GROSSO GROUP

- Pioneers of mineral exploration in Argentina since 1993
- **Involved with four major discoveries in Argentina:**
  - ❖ Gualcamayo Au (Mineros SA)
    - A top gold producer in Argentina
  - ❖ Navidad Ag-Pb (Pan American Silver Corp.)
    - Worlds largest undeveloped silver project
  - ❖ Chinchillas Ag-Pb-Zn (SSR Mining Inc.)
    - A top primary silver producer globally
  - ❖ **Amarillo Grande U-V (Blue Sky Uranium Corp.)**
- Strong focus on community relations





President & Founder of Grosso Group Management Ltd. Pioneer in the exploration and mining sector in Argentina since 1993.

**Joseph Grosso**  
Chairman & Director



One of the founders of the Company with over 28 years of management expertise in the mineral exploration industry. Extensive experience in providing strategic planning to and administration of public companies.

**Nikolaos Cacos, M.I.M.**  
President & CEO, Director



Professional economic geologist, senior executive & director with +30 years in the mineral resources sector.

**David Terry, Ph.D. P.Geo**  
Technical Advisor, Director



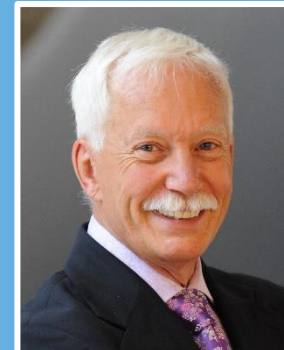
Geologist involved in exploration, development and project management in the mining industry for +22 years.

**Guillermo Pensado, M.Sc.**  
VP Exploration



Over 30 years of uranium experience in Argentina. Senior exploration geologist & mine manager for the Argentinean National Atomic Energy Commission ("CNEA").

**Jorge Berizzo, Ph.D.**  
Independent Technical Advisor

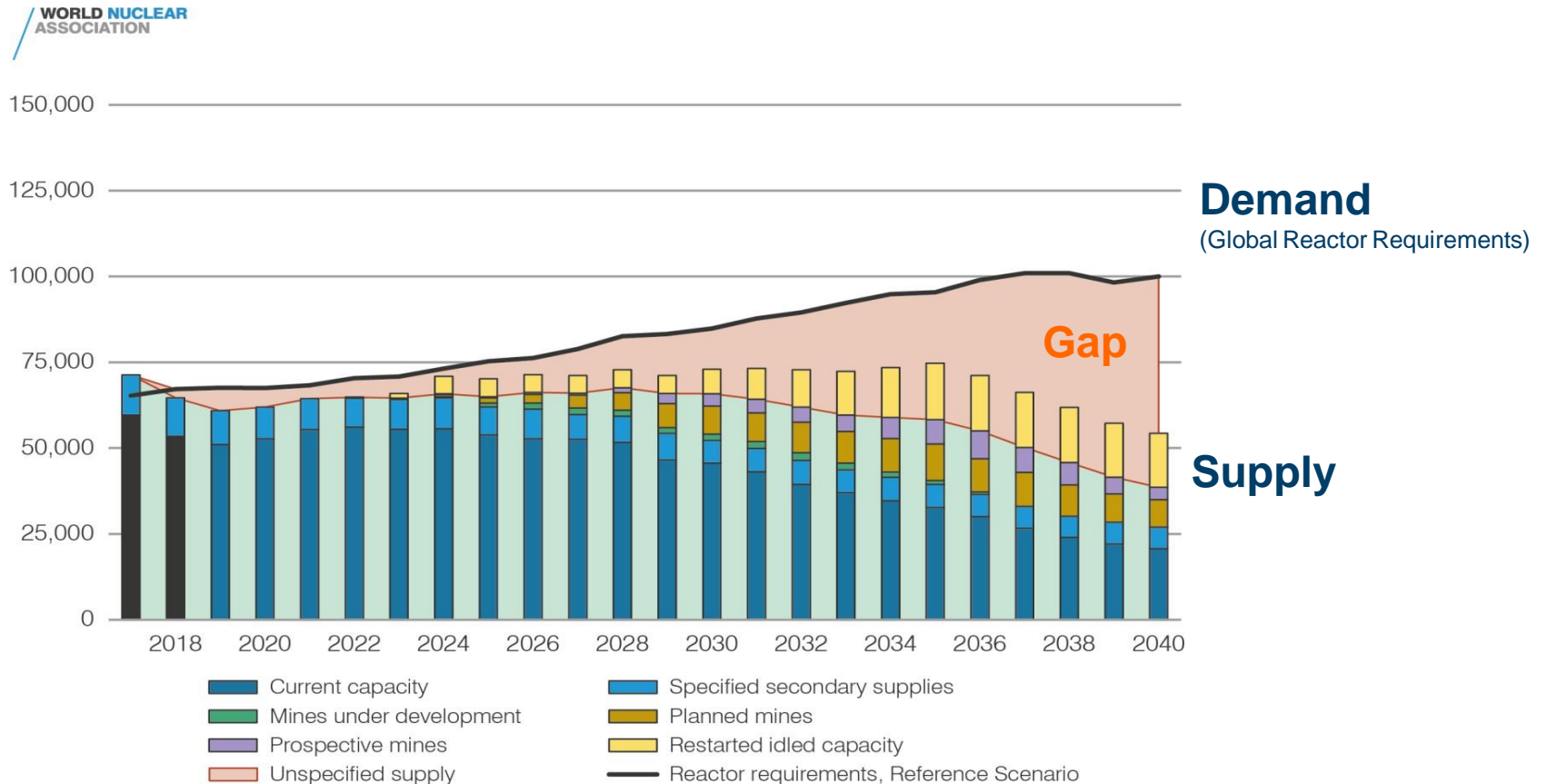


Specialist in uranium processing for alkaline and acid leach plants. Technical consultant to the International Atomic Energy Agency and former President of the CIM.

**Chuck Edwards, P.Eng**  
Independent Technical Advisor

# Strong Uranium Supply/Demand Fundamentals

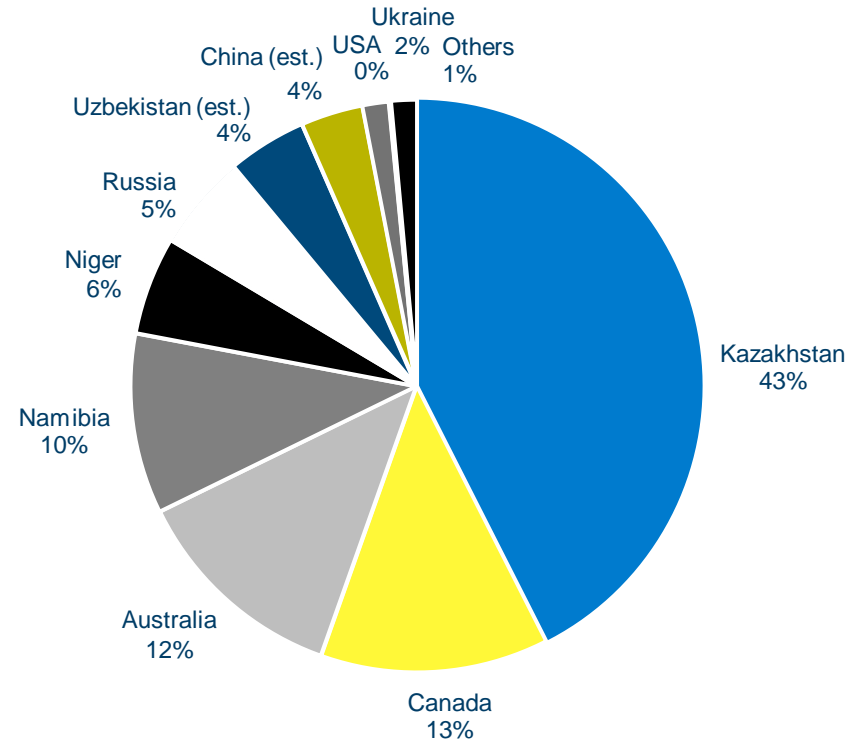
WNA current predictions indicate a material supply deficit in the coming years



# Uranium Global Production

- Uranium uses:
  - ❖ 95% of the world's production used for nuclear power
  - ❖ 5% for medical, aerospace, electronics
- Mines final product: Uranium dioxide ( $U_3O_8$ ) or natural uranium or yellow cake
- $U_3O_8$  is the raw material to be converted, enriched and transformed to nuclear power
- Natural uranium represents 5 to 7% of total nuclear power cost
- Annual global demand: 85,000 tonnes
- 10 countries control 98% of the global uranium production

**2019 Global Uranium Production  
(Pre-pandemic)**



Source: World Nuclear Association



# Pricing for Natural Uranium

➤ **80% of the global supply is in Long-Term Contracts**

- ❖ Traded through off-take agreements
- ❖ Objective to guarantee long-term supply stability
- ❖ Usual term: 3-15 years
- ❖ Premium to spot: 30% - 40%

➤ **20% of the global supply is priced at spot price:**

- ❖ Used for marginal transactions only
- ❖ Different trading mechanics compared to other metals

<u>Argentina</u>	
Annual consumption	225 tonnes
Average CIF <sup>(1)</sup> price last 5 yrs	USD 65/ lb.

(1) CIF: cost, insure and freight



Source: Trading Economics

# Argentina: Nuclear Infrastructure and Legal Framework

- **Argentina is currently highly dependent on fossil fuel and hydroelectric power but has an advanced nuclear industry:**
  - ❖ 3 nuclear power plants in operation
  - ❖ 6 research reactors
  - ❖ 4 particle accelerators
  - ❖ 3 atomic centers
  - ❖ 1 heavy water plant
  - ❖ 1 uranium purification plant
- **Nuclear power industry now expanding:**
  - ❖ 1 nuclear power plant now under construction
  - ❖ 2 additional in planning & 2 under proposal
- **No domestic uranium for fuel production:**
  - ❖ Legal Framework guarantees the purchase of uranium by national producers (Ley Nr. 23696, 23697, 24240)
  - ❖ U & V can be also exported to international customers



Sources:

- [United Nations Framework Convention on Climate Change](#) (03/11/16)
- [iAmericas – Argentina's Energy Transition](#) (03/11/16)



# AMARILLO GRANDE PROJECT

Rio Negro Province

The Amarillo Grande Project incorporates a series of new uranium-vanadium discoveries made over 15 years along a 145 km trend covered by ~300,000 ha of mineral rights

## Santa Barbara Discovery (2006)

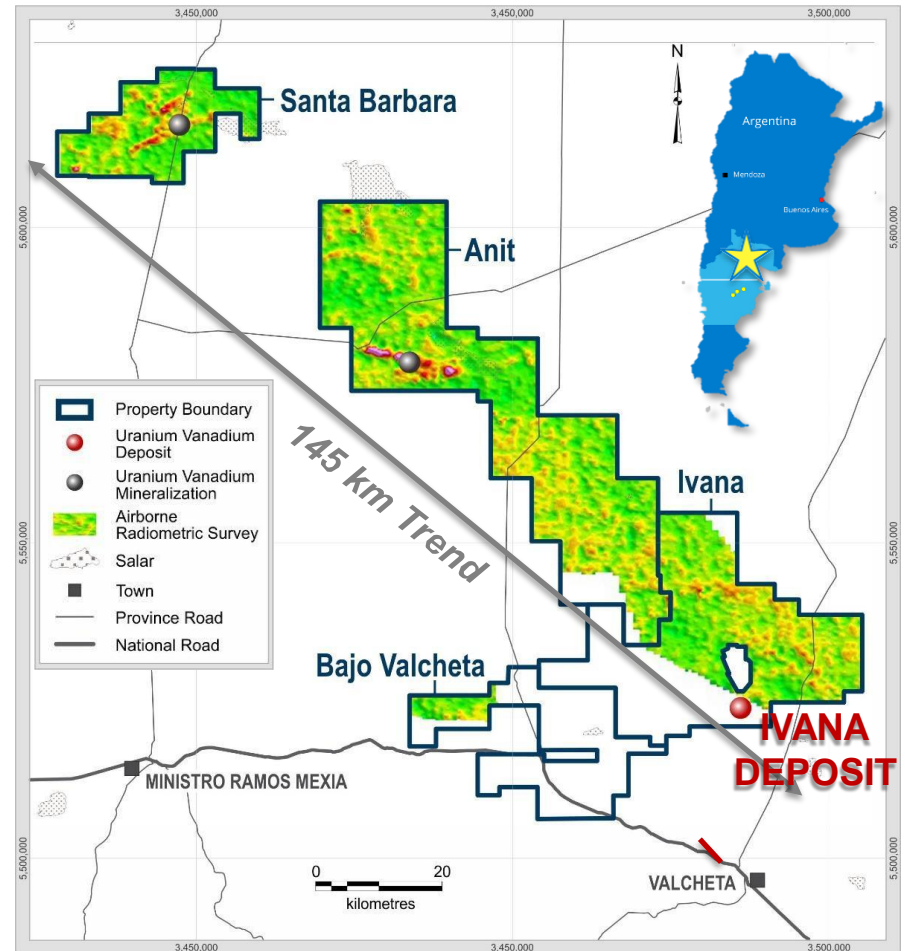
- First uranium found in Rio Negro basin
- Widespread uranium + vanadium on surface along 11 km trend

## Anit Discovery (2008)

- 15 km airborne radiometric anomaly
- Aircore drilling along 5.5 km averaging 2.6 m @ 0.03%  $U_3O_8$  and 0.075%  $V_2O_5$ \*

## Ivana Area Discovery (2011)

- Ivana Deposit Discovery (2017)
- Initial Resource Estimate (2018)
- Initial PEA & new Resource (2019)



\* See press release dated June 16, 2010

# Amarillo Grande Project

*Rio Negro Province: A Strong Nuclear Jurisdiction*

- **Broad local nuclear experience:** research nuclear reactor, hydro-metallurgical lab & pilot U-enrichment plant
- **Good infrastructure:** power, water, rail, road
- **Open and mining-friendly jurisdiction:** gold, copper and coal exploration companies active in the last year; Calcatreu gold project has been reactivated
- **Blue Sky's projects in mostly semi-desert, low population density areas with low environmental risk**
  - ❖ Elevation of <200 metres; average rainfall of 300 mm (12 inches) per year
  - ❖ Easy to operate and access year-round; <3 hour drive to major cities and airports and ~200 km to deep sea port; shallow groundwater



### Characteristics of Sandstone-Type and Surficial-Type uranium-vanadium deposits

#### ➤ Sandstone-type

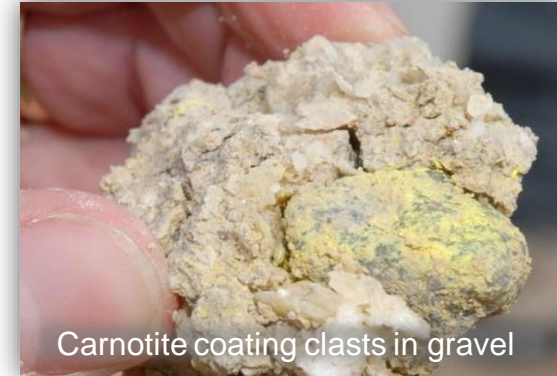
- ❖ Grants District, NM and Kazakhstan deposits
- ❖ Hosted in clastic sediments at redox boundaries
- ❖ 18% of world resources and 41% of known deposits

#### ➤ Surficial-type

- ❖ Langer Heinrich, Namibia; Yeelirrie, WestAustralia
- ❖ Hosted in ancient riverbeds (paleo-channels)

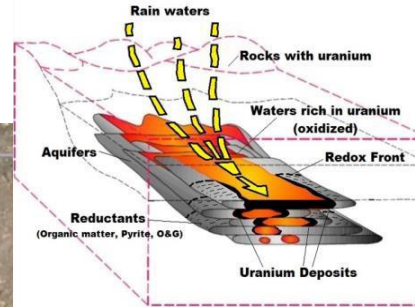
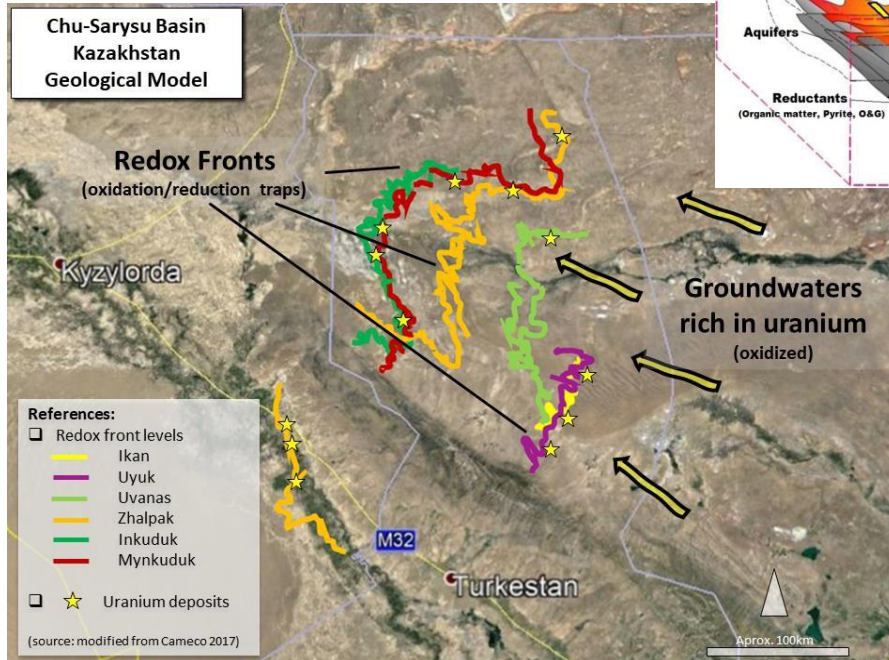
#### ➤ All Mineralization Discovered to date:

- ❖ **Located at or near surface** (generally <25 m depth)
  - **Low cost to explore**
- ❖ Hosted by loosely consolidated clastic sediments
  - **No drilling, blasting or crushing required for development**
- ❖ Laterally extensive – kilometres scale

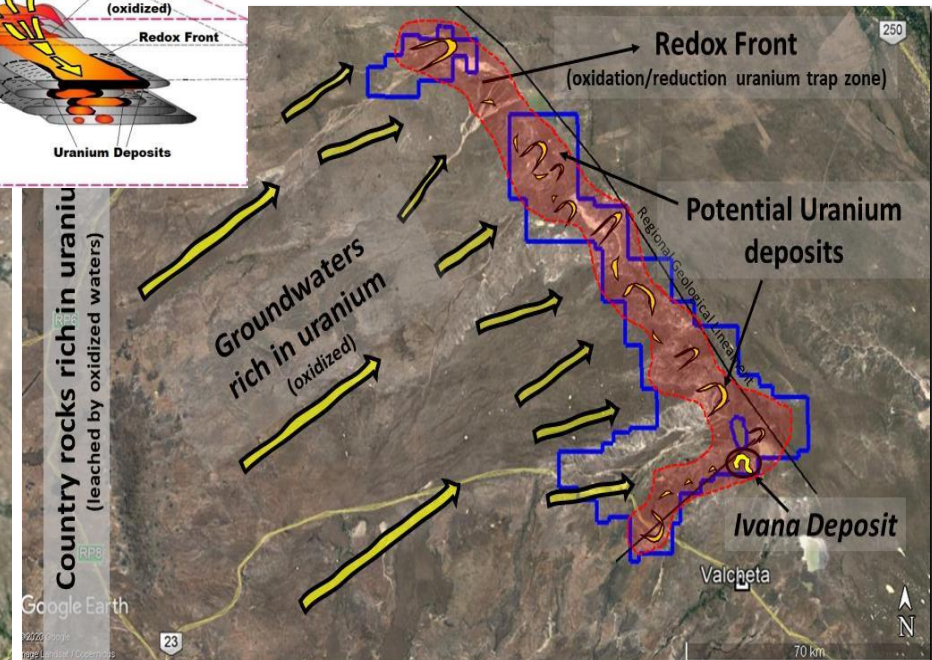


# Comparable Geologic Setting as a model

## Kazakhstan - Biggest Uranium Deposits



## Blue Sky's Amarillo Grande Project



- Type of deposit: Sandstone Hosted Uranium
- >60% of world's uranium production in 2019
- Inkai mine was the first producer with sandstone deposits in Chu-Sarysu & Syrdarya basins; 2010 proven and probable reserves of 244 Mlbs of  $U_3O_8$  (352kt at a grade of 0.03%  $U_3O_8$ ; [www.cameco.com](http://www.cameco.com))  
[Note that Blue Sky 's Qualified Person has been unable to verify the above reserve information.]

# Amarillo Grande Project

## *Ivana Deposit - Blue Sky's New Discovery*

- Near-surface (<25m) uranium & vanadium mineralization hosted by loosely consolidated sand & gravel
- Oxide (carnotite) plus partially oxidized “primary” ( $\beta$ -coffinite) mineralization
- Characteristics of both sandstone and surficial-type deposits

### Mineral Resource Statement for Ivana Deposit, Amarillo Grande Project.

Refer to News Release dated 2/27/2019 for details

#### Inferred Resources – Base Case at 100 ppm Uranium cut-off grade

Zone	Tonnes (Mt)	U (ppm)	U <sub>3</sub> O <sub>8</sub> (%)	V (ppm)	V <sub>2</sub> O <sub>5</sub> (%)	Contained U <sub>3</sub> O <sub>8</sub> (Mlbs)	Contained V <sub>2</sub> O <sub>5</sub> (Mlbs)
Upper	3.2	133	0.016	123	0.022	1.1	1.5
Lower	24.8	335	0.040	105	0.018	21.6	10
<b>Total</b>	<b>28</b>	<b>311</b>	<b>0.037</b>	<b>107</b>	<b>0.019</b>	<b>22.7</b>	<b>11.5</b>

The mineral resource estimate has been prepared by Bruce M. Davis, FAusIMM, BD Resource Consulting, Inc., and Susan Lomas, P.Geo., Lions Gate Geological Consulting Inc. who are both independent Qualified Persons as set forth by National Instrument 43-101 (“NI 43-101”).

**The Reader should review all Cautionary Notes and Disclaimers at the beginning of this Presentation.**

1. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.
2. It is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.
3. The Mineral Resources in this estimate were not constrained within a conceptual pit shell owing to the shallow nature of the deposit (<25 m).
4. The 100 ppm uranium reporting cut-off grade is based on operative costs of \$12/t, a price of \$50/lb U<sub>3</sub>O<sub>8</sub>, and a process recovery of 90%. A density of 2.1gr/cm<sup>3</sup> was applied.
5. The resource was estimated within distinct zones of elevated uranium concentration occurring within the host sediments. Vanadium is associated with uranium and is estimated within the same zones. There is no indication that Vanadium occurs outside of the elevated uranium zones in the Ivana deposit area in sufficient concentrations to justify developing estimation domains focused on Vanadium.

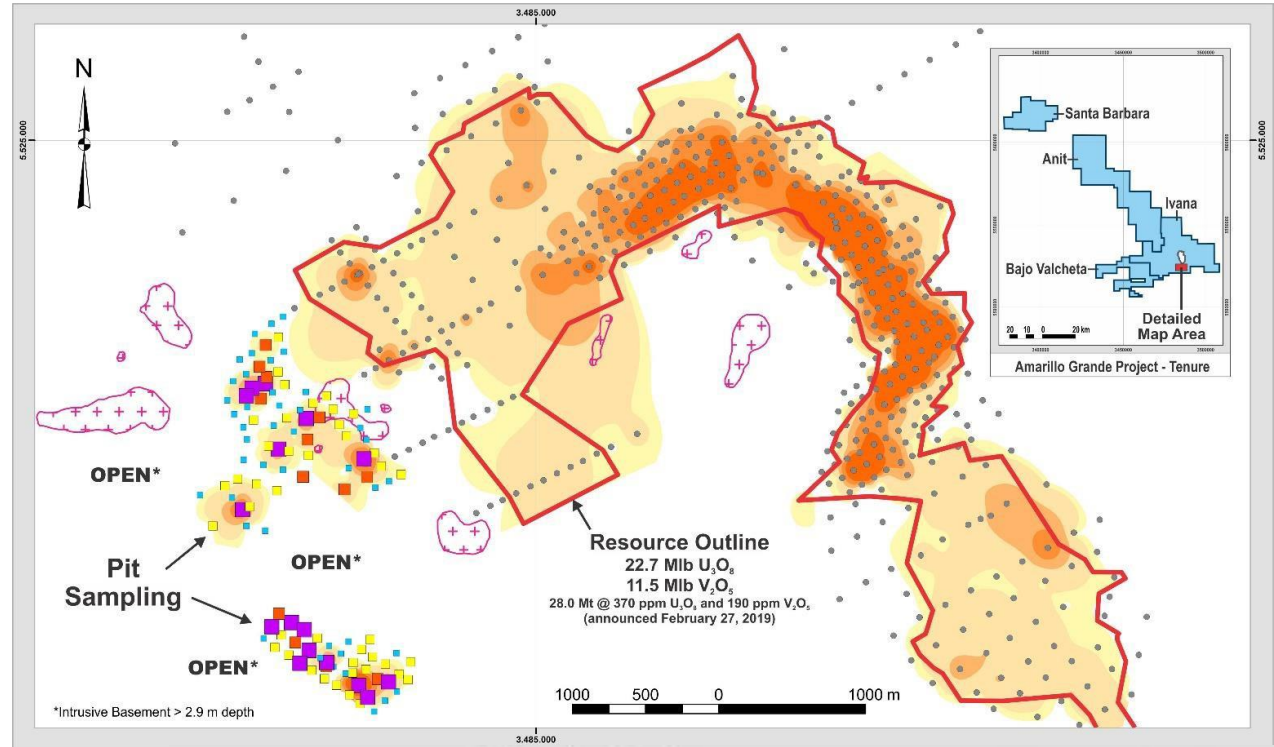




# Amarillo Grande Project

## *Ivana Deposit*

- 5 km arcuate mineralized corridor with high-grade core
- Corridor 200 to +500 m wide, up to 23 m thick
- Open to expansion
  - ❖ Pit sampling outside resource area with strong U+V grades



- RC Drilled Holes
- Pit Samples
- ⊕ Intrusive Basement

### Pit Sampling Results

- <30 ppm U<sub>3</sub>O<sub>8</sub> or < 250 ppm V<sub>2</sub>O<sub>5</sub>
- 30-99 ppm U<sub>3</sub>O<sub>8</sub> or 250-499 ppm V<sub>2</sub>O<sub>5</sub>
- 100-299 ppm U<sub>3</sub>O<sub>8</sub> or 500-749 ppm V<sub>2</sub>O<sub>5</sub>
- >300 ppm U<sub>3</sub>O<sub>8</sub> or >750 ppm V<sub>2</sub>O<sub>5</sub>

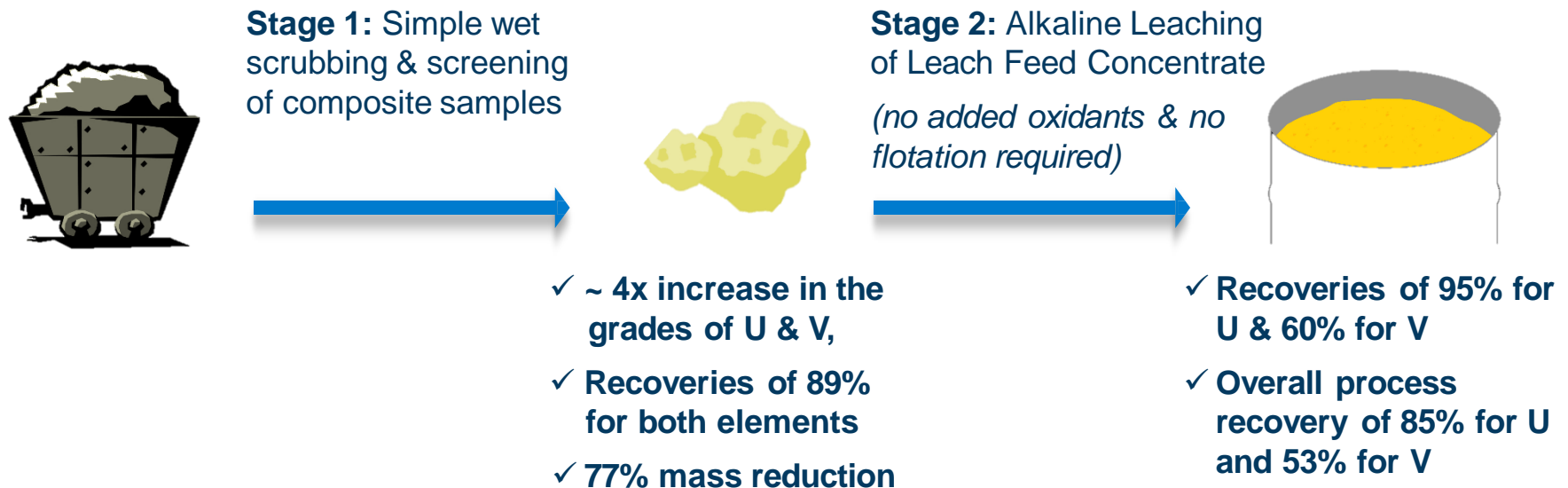
### RC Drilling / Pit Sampling Results

- 30 - 100 ppm U<sub>3</sub>O<sub>8</sub> x metre
- 100 - 500 ppm U<sub>3</sub>O<sub>8</sub> x metre
- 500 - 1000 ppm U<sub>3</sub>O<sub>8</sub> x metre
- 1000 - 2000 ppm U<sub>3</sub>O<sub>8</sub> x metre
- >2000 ppm U<sub>3</sub>O<sub>8</sub> x metre

# Amarillo Grande Project

## *Ivana Deposit - Metallurgy & Process Testing*

- **Highly successful test program** optimized recovery of uranium & vanadium
- A **simple two-stage process** using low environmental impact technology & reagents

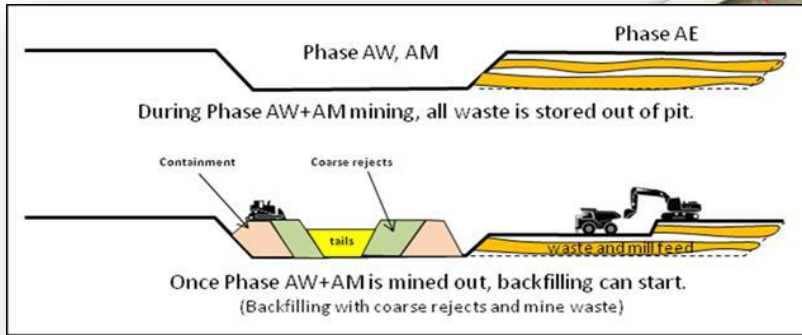


**IN/AVP**

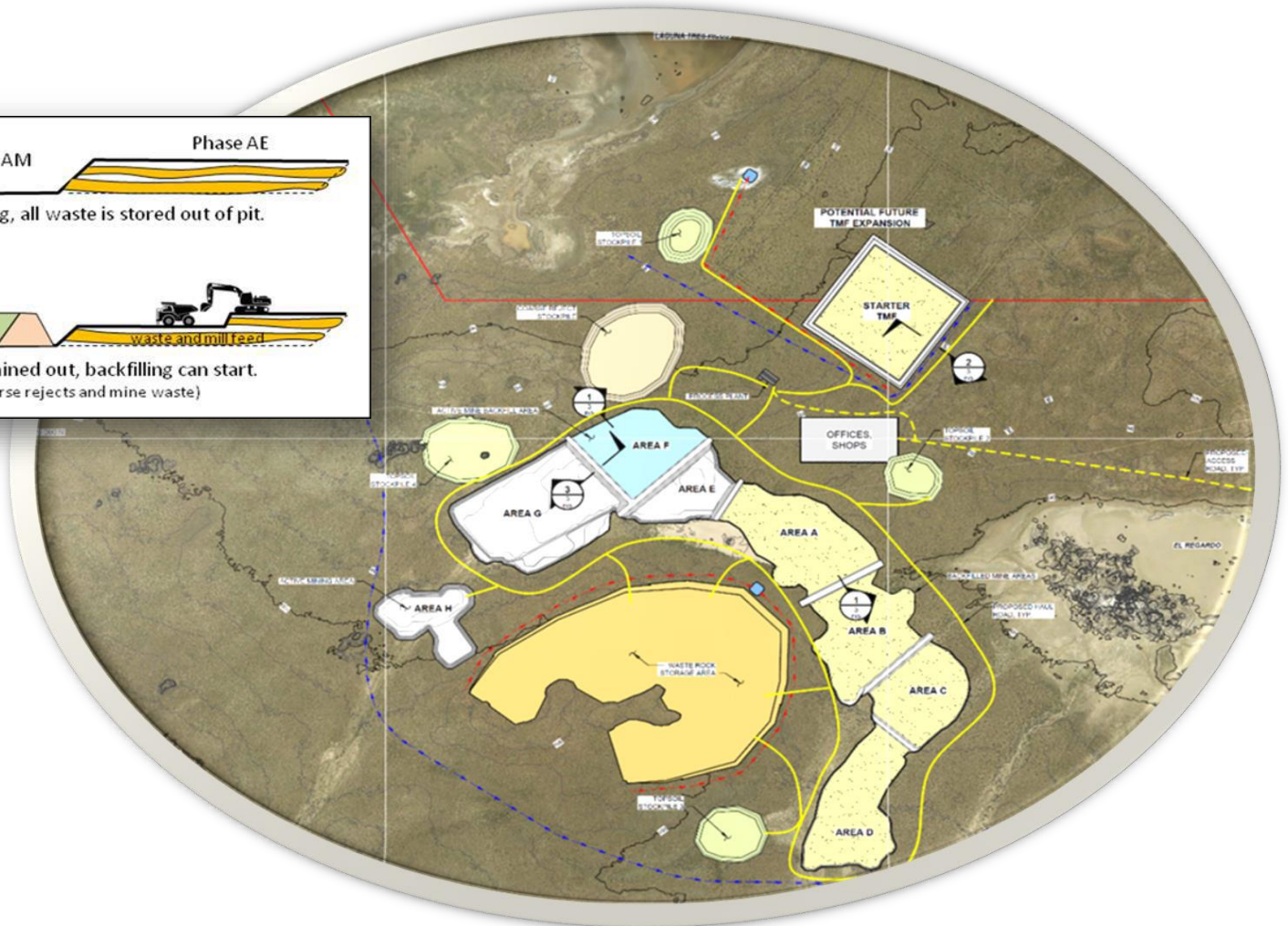
**SRC** SASKATCHEWAN  
RESEARCH COUNCIL 

# Amarillo Grande Project

## *Ivana Site Layout & Backfill Plan*



- Staged conventional surface mine
- Coarse reject and fine tailings will be backfilled into the mine excavation



# Amarillo Grande Project

## *Ivana Deposit - Preliminary Economic Assessment*

Based on proposed surficial mining operation, no blasting.

After Tax	
NPV8%: \$135.2 million	IRR: 29.3%
	Payback period: 2.4 years
Pre-production Capital Cost: \$128.05M incl. \$28.3M contingency	LOM Sustaining Capital Cost: \$35.46M incl. \$7.21M contingency
Average LOM Total Cash Cost net of credits: \$16.24/lb U <sub>3</sub> O <sub>8</sub>	Average LOM All-In Sustaining Costs ("AISC") net of credits: \$18.27/lb U <sub>3</sub> O <sub>8</sub>

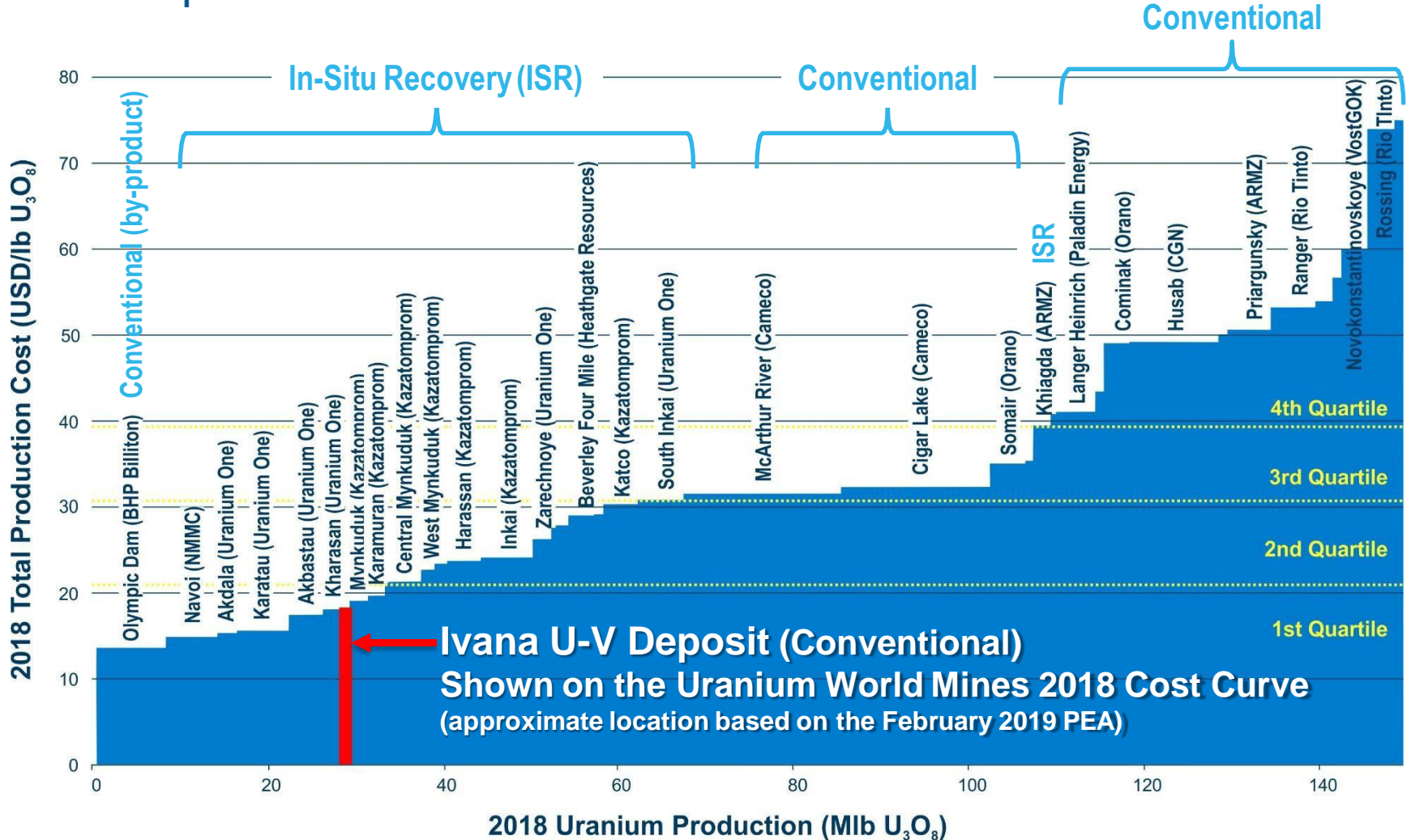
PEA Key Assumptions & Inputs	
Uranium price:	\$50/lb U <sub>3</sub> O <sub>8</sub>
Vanadium Price	\$15/lb V <sub>2</sub> O <sub>5</sub>
Years of Construction	2
Years of Full production:	13
Strip Ratio (waste/ore):	1.1:1
Dilution:	3%
Average Mining rate (waste + mineralized material):	13,000 tonnes per day ("tpd")
Processing throughput:	6,400 tpd
Process Plant Recoveries	Uranium: 84.6%, Vanadium: 52.5%
Average Annual Production (LOM):	1.35 Mlbs/y U <sub>3</sub> O <sub>8</sub>
LOM uranium production:	17.5 Mlbs U <sub>3</sub> O <sub>8</sub>

*The PEA is preliminary in nature and is based solely on Inferred Mineral Resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability and there is no certainty that the PEA will be realized.*

**Refer to News Release dated 2/27/2019 for details**

# Amarillo Grande Project

## *Ivana Deposit – Low Cost Production Potential*



\*Diagram sourced and modified from SRK Consulting (U.S.), Inc. [http://www.energyfuels.com/wp-content/uploads/2018/01/2018.01.16-Exhibits-to-Petition\\_Part1.pdf](http://www.energyfuels.com/wp-content/uploads/2018/01/2018.01.16-Exhibits-to-Petition_Part1.pdf)

# Amarillo Grande Project *Exploration Targets*

**(1) Ivana deposit** – Positive PEA with very low OPEX  
Open for expansion & upgrading - drilling underway; advanced process design testwork underway

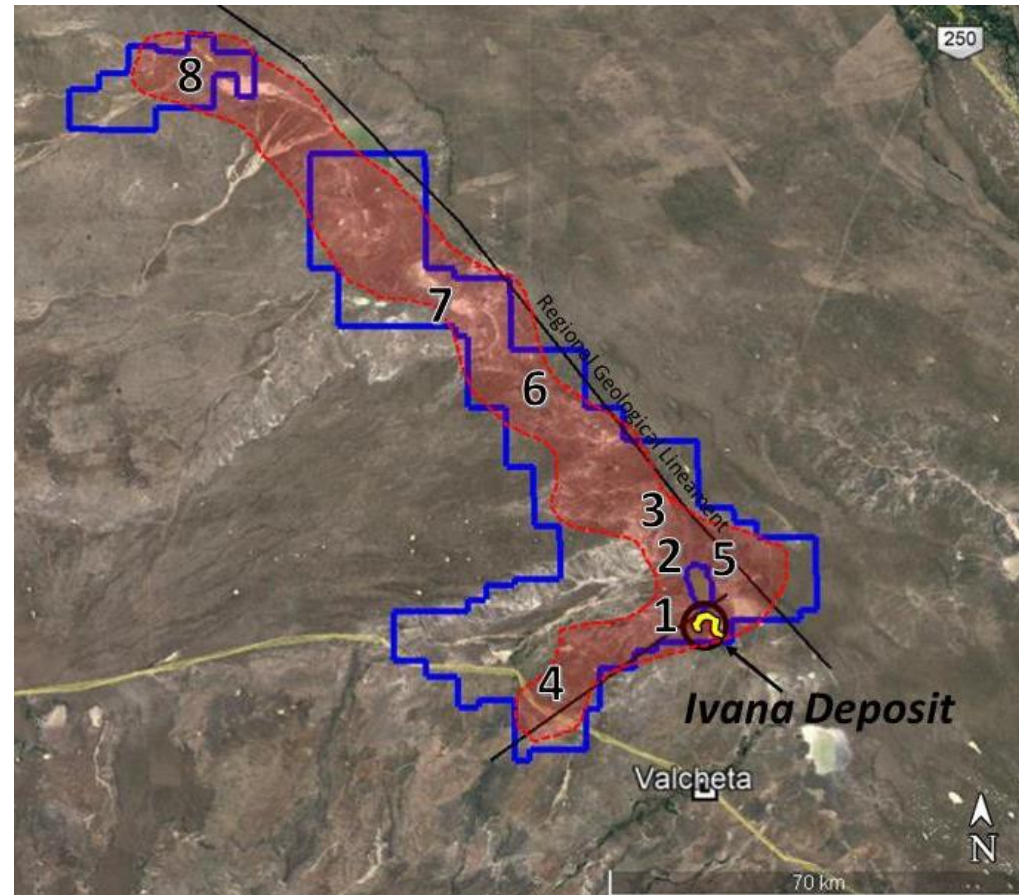
**(2 & 3) Ivana Central & North** – Previous exploration exposed potential for blind deposits and geological footprints comparable to Ivana Deposit  
Drilling program underway

**(4 & 5) Cateo Cuatro & Ivana East** – Initial results confirm geological similarities to Ivana Deposit  
Targets advancing towards drill testing

**(6) Potential for in-situ recovery (ISR) zone** - Units hosting mineralization preserved at depths of <150 m  
Supports long term potential of the district

**(7) Anit** – 15km long high-radiometric anomaly, extensive surficial uranium mineralization, with significant vanadium halo recognized by drilling in 2017  
Open for Expansion

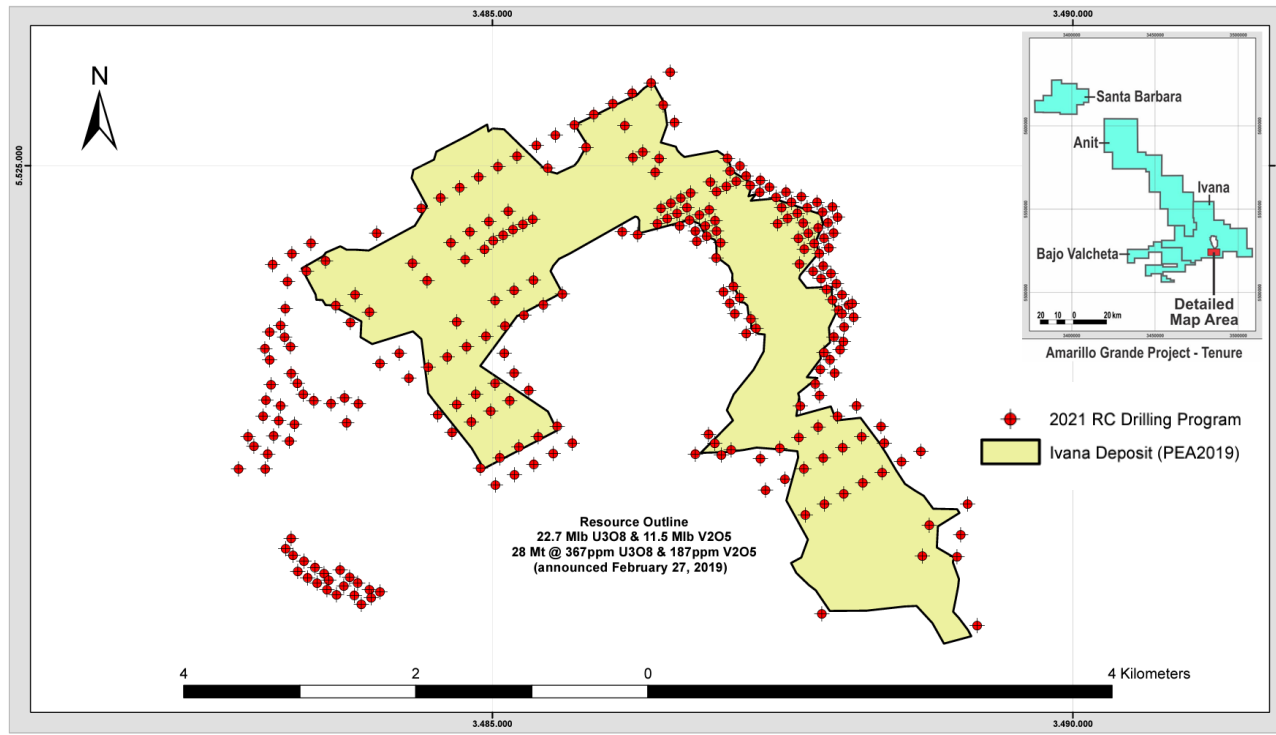
**(8) Santa Bárbara – District Discovery Site**  
Radiometric anomalies controlled by structures indicating deeper blind mineralization potential  
Also supports long term district potential



# Amarillo Grande Project

## Current Program

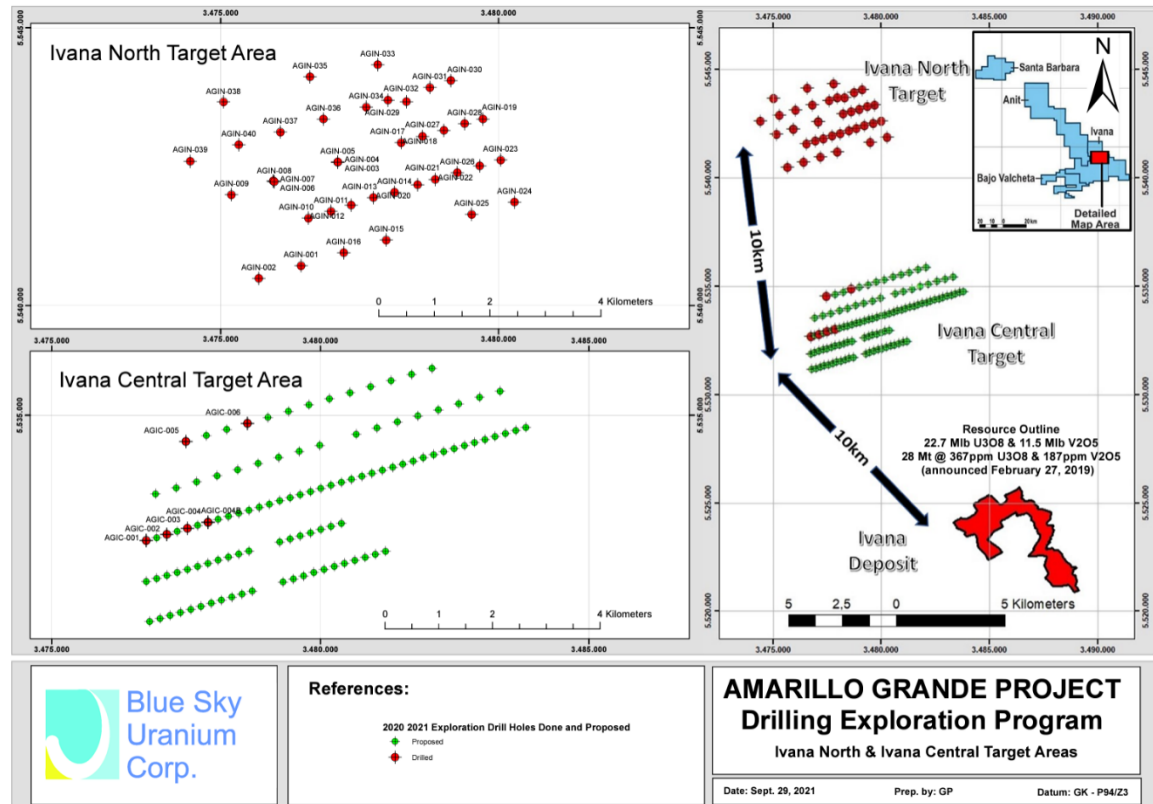
- 3,500 m RC drilling program to expand the Ivana Deposit and increase drill density to facilitate upgrading of resources for future engineering studies:
  - To the W/SW where pit sampling returned up to 5,032ppm  $U_3O_8$  & 323ppm  $V_2O_5$
  - In areas of low drill density within and at the margins of the Ivana deposit



# Amarillo Grande Project

## Current Program

- 4,500 m exploration drilling program underway testing Ivana North & Ivana Central
- Each target covers an area of approx. 4x7km
- 1,591m in 40 holes completed at Ivana North
  - Anomalous U in 30% of holes
  - Pathfinders similar to Ivana deposit
- ~1,500m planned at Ivana Central (286 m completed in 2020)
- Up to 1,500m of follow-up detailed drilling at areas with best results





## Conclusions

- Easy access. Provincial infrastructure in place
- Geological setting and characteristics comparable to Kazakhstan producing districts – biggest in the world
- 22.7M lb. uranium and 11.5M lb. vanadium in initial current mineral resource
- Initial PEA establishes potential viability
- Potential to rank amongst the largest uranium districts in the world with lowest quartile operating cost
- Open to expansion – new drill programs underway

# Investment Highlights

Best-in-class management and technical team with proven prospect development success in Argentina

Largest NI 43-101 Uranium resource in Argentina, with Preliminary Economic Assessment complete

Amarillo Grande Project potential to be the first low-cost, domestic uranium supplier in Argentina

Control of a Uranium/Vanadium district that is open for expansion & new discoveries.

- Lack of domestic uranium supply creates an opportunity Blue Sky to supply the growing Argentine nuclear market.
- All uranium used by the Argentine nuclear industry is currently sourced from outside the country.
- Nuclear Energy requirements are expected to increase by 2.5 times by 2025, representing a potential consumption of approximately 1.25 million pounds of  $U_3O_8$  annually.

# Share Metrics & Ownership

## TSX-V: BSK, OTCQB: BKUCF

As of December 1, 2021

Share Price (CAD)	\$0.225
Market Cap (CAD)	\$42M
52-Week Price Range (CAD)	\$0.10-0.37
Shares Issued & Outstanding	185,445,307
Warrants (Avg. price \$0.27)	95,333,210
Options (Avg. price \$0.26)	16,370,000
Fully Diluted	297,158,517

## 52 Week Price Chart (@Dec 1 2021)



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