

# **Exploring and Developing the World's Newest Uranium/Vanadium District**

the largest NI 43-101 Uranium resource in Argentina;

open for expansion and new discoveries

#### **HIGHLIGHTS:**

- Positive growth outlook for Argentina nuclear industry mandate to more than double nuclear power usage by 2025.
- · No domestic uranium supply means there is an opportunity window for local, low-cost, near-term producers to supply the local nuclear market
- The district-scale Amarillo Grande Project in Rio Negro province is an excellent candidate to be the first low-cost, domestic uranium supplier in Argentina
- New NI 43-101 resource, estimate the largest in Argentina; increased contained uranium by nearly 20%
- New robust PEA for the Ivana deposit at Amarillo Grande supports a surficial mining
  - 13 years of production; maximum depths of 30 metres; no blasting
  - Simple and low-cost two-stage processing of mineralized material achieves 85% recovery of uranium
- Exploration continues to expand Ivana mineralization; additional targets along the 145 km-long trend

#### **MAY 2019**

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**DISCLAIMER:** This brochure contains forward-looking statements, including but not limited to comments regarding predictions and projections. Forward-looking statements address future events and conditions and therefore involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements.





### **AMARILLO GRANDE PROJECT**

#### PEA Highlights (All figures in US dollars)

• After-tax NPV8%: \$135.2 million

• After-tax IRR: 29.3%

• After-tax Payback period: 2.4 years

· Capital Cost: \$128.05 million

• LOM Sustaining Capital Cost: \$35.46 million

• Average LOM Total Cash Cost net of credits:

\$16.24/lb U<sub>3</sub>O<sub>8</sub>

Average LOM 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: 1.1:1 (waste/ore)

• Dilution: 3%

 Average Mining rate (waste + mineralized material): 13,000 tonnes per day ("tpd")

· Processing throughput: 6,400 tpd

• Uranium recovery: 84.6%

• Vanadium recovery: 52.5%

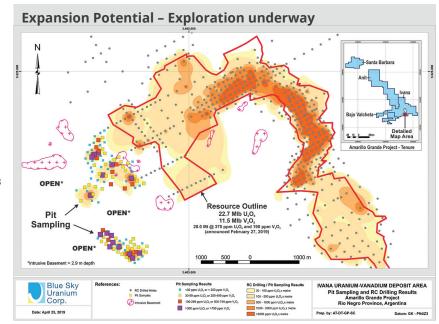
Average Annual Production (LOM):

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 reader should review all Cautionary Notes and Disclaimers on this factsheet. For additional details of the PEA and Mineral Resource Estimate please refer to the News Release dated 2/27/2019 and the Technical Report titled "Preliminary Economic Assessment for the Ivana Uranium-Vanadium Deposit, Amarillo Grande Project" by Kuchling et al., dated 4/12/2019, both filed on SEDAR.com. This factsheet has been reviewed and approved by David Terry, Ph.D., P.Geo., QP for Blue Sky.

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# Estimate of Inferred Mineral Resource reported at 100 ppm Uranium Cut-off IVANA DEPOSIT, AMARILLO GRANDE PROJECT

Zone	Tonnes (Mt)	Average Grade				Contained Metal	
		U (ppm)	U <sub>3</sub> O <sub>8</sub> (%)	V (ppm)	V <sub>2</sub> O <sub>5</sub> (%)	U <sub>3</sub> O <sub>8</sub> (Mlb)	V <sub>2</sub> O <sub>5</sub> (Mlb)
Upper	3.2	133	0.016	123	0.022	1.1	1.5
Lower	24.8	335	0.040	105	0.018	21.6	10.0
Total	28.0	311	0.037	107	0.019	22.7	11.5

NOTES to the table: Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. It is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration. The Mineral Resources in this estimate were not constrained within a conceptual pit shell owing to the shallow nature of the deposit (<25 m). The 100 ppm uranium reporting cutoff grade is based on operative costs of \$12/t, a price of \$50/lb U3O8, and a process recovery of 90%. A density of 2.1gr/cm3 was applied. 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.