



DEVELOPING CANADA'S ONLY
CARLIN-TYPE GOLD DISTRICT

TSX-V: ATC

September 2016



FORWARD LOOKING STATEMENTS

FORWARD-LOOKING STATEMENTS

This presentation contains forward-looking information. Forward looking information contained in this presentation includes, but is not limited to, statements with respect to: (i) the estimation of inferred and indicated mineral resources; (ii) the success of exploration activities; (iii) the results of the PEA including statements about future production, future operating and capital costs, the projected IRR, NPV, payback period, and production timelines for the Tiger Deposit.

These statements are based on information currently available to ATAC Resources Ltd. ("ATAC") and ATAC provides no assurance that actual results will meet management's expectations. In certain cases, forward-looking information may be identified by such terms as "anticipates", "believes", "could", "estimates", "expects", "may", "shall", "will", or "would". Forward-looking information contained in this presentation is based on certain factors and assumptions regarding, among other things, the estimation of mineral resources, the realization of resource estimate, gold metal prices, the timing and amount of future exploration and development expenditures, the estimation of initial and sustaining capital requirements, the estimation of labour and operating costs, the availability of necessary financing and materials to continue to explore and develop the Tiger Deposit in the short and long-term, the progress of exploration and development activities, the receipt of necessary regulatory approvals, the completion of the environmental assessment process, and assumptions with respect to currency fluctuations, environmental risks, title disputes or claims, and other similar matters. While ATAC considers these assumptions to be reasonable based on information currently available to it, they may prove to be incorrect.

Forward-looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of ATAC to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information. Such factors include risks inherent in the exploration and development of mineral deposits, including risks relating to changes in project parameters as plans continue to be redefined including the possibility that mining operations may not commence at the Tiger Deposit, risks relating to variations in mineral resources, grade or recovery rates resulting from current exploration and development activities, risks relating to changes in gold prices and the worldwide demand for and supply of gold, risks related to increased competition in the mining industry generally, risks related to current global financial conditions, uncertainties inherent in the estimation of mineral resources, access and supply risks, reliance on key personnel, operational risks inherent in the conduct of mining activities, including the risk of accidents, labour disputes, increases in capital and operating costs and the risk of delays or increased costs that might be encountered during the development process, regulatory risks, including risks relating to the acquisition of the necessary licenses and permits, financing, capitalization and liquidity risks, including the risk that the financing necessary to fund the exploration and development activities at the Tiger Deposit may not be available on satisfactory terms, or at all, risks related to disputes concerning property titles and interest, and environmental risks. This list is not exhaustive of the factors that may affect any of ATAC's forward-looking information. These and other factors should be considered carefully and readers should not place undue reliance on ATAC's forward-looking information. ATAC does not undertake to update any forward-looking information that may be made from time to time by ATAC or on its behalf, except in accordance with applicable securities laws.

PEA DISCLOSURE

It should be noted that the Tiger Deposit PEA is preliminary in nature and includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that the PEA forecast will be realized or that any of the resources will ever be upgraded to reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. A NI 43-101 technical report for the Tiger Deposit PEA will be filed on SEDAR (www.sedar.com) 45 days from May 31, 2016.

QUALIFIED PERSON

Julia Lane, B.Sc., P.Geo., the Vice President of Exploration of ATAC, is a qualified person for the purposes of National Instrument 43-101. All technical information contained in this presentation has been approved by Julia Lane.

TRUE WIDTHS

True widths for all Conrad, Osiris, Sunrise, Ibis, Anubis, Tiger and Ocelot highlight drill holes are estimated to be 30% - 100% of intersected widths. RAB drill hole intersections are drilled thicknesses. True widths are unknown.



MANAGEMENT & DIRECTORS

MANAGEMENT

Graham Downs	President & CEO
Rob Carne, M.Sc., P.Geo.	Executive Chairman, Technical Committee and Director
Julia Lane, B.Sc., P.Geo.	VP, Exploration
Ian Talbot, B.Sc., LLB.	COO
Larry Donaldson, C.A.	CFO
Vanessa Pickering	Manager, Corporate Communications

DIRECTORS

Douglas Goss, B.Comm., LLB.	Chairman and Director
Bruce Youngman, B.Sc.	Director
Glenn Yeadon, B.Comm., LLB.	Secretary and Director
Bruce Kenway, C.A.	Director
Don Poirier, B.Sc.	Director

PROJECT MANAGEMENT

Exploration at the Rackla Gold Project is managed by Archer, Cathro & Associates (1981) Limited. Archer, Cathro is a long-standing Yukon exploration consulting firm and has been in business since 1965.



CAPITAL STRUCTURE

SHARE STRUCTURE

SHARES OUTSTANDING	122,822,077
FULLY DILUTED	131,349,577
OPTIONS (\$0.31 - \$1.80)	8,527,500
WARRANTS	0
WORKING CAPITAL	~\$16M

Share Structure as at September 7, 2016



Past 12 month trading pattern

FINANCINGS

	FLOW-THROUGH	HARD DOLLARS	PROCEEDS
Apr. 2016	5,000,000 @ \$0.65/share		~\$3.3 M
Mar. 2014	3,781,441 @ \$1.80/share		~\$6.8 M
Mar. 2013 Agnico Eagle		9,600,000 @ \$1.35/share	~\$13.0 M

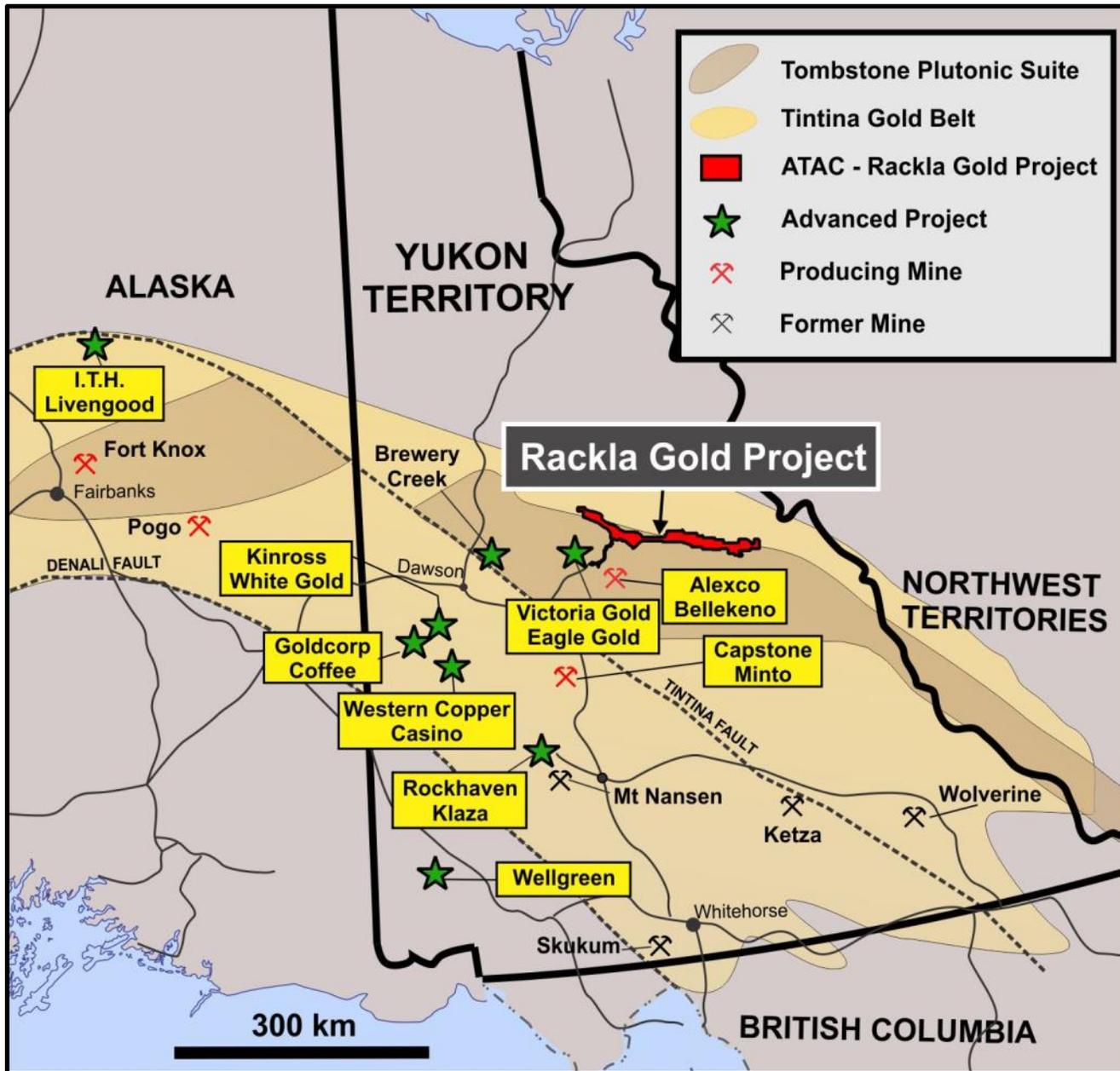
SIGNIFICANT HOLDERS

TOCQUEVILLE	13,899,881*	11.3%
STRATEGIC METALS	10,144,136	8.3%

*As at January 31, 2016



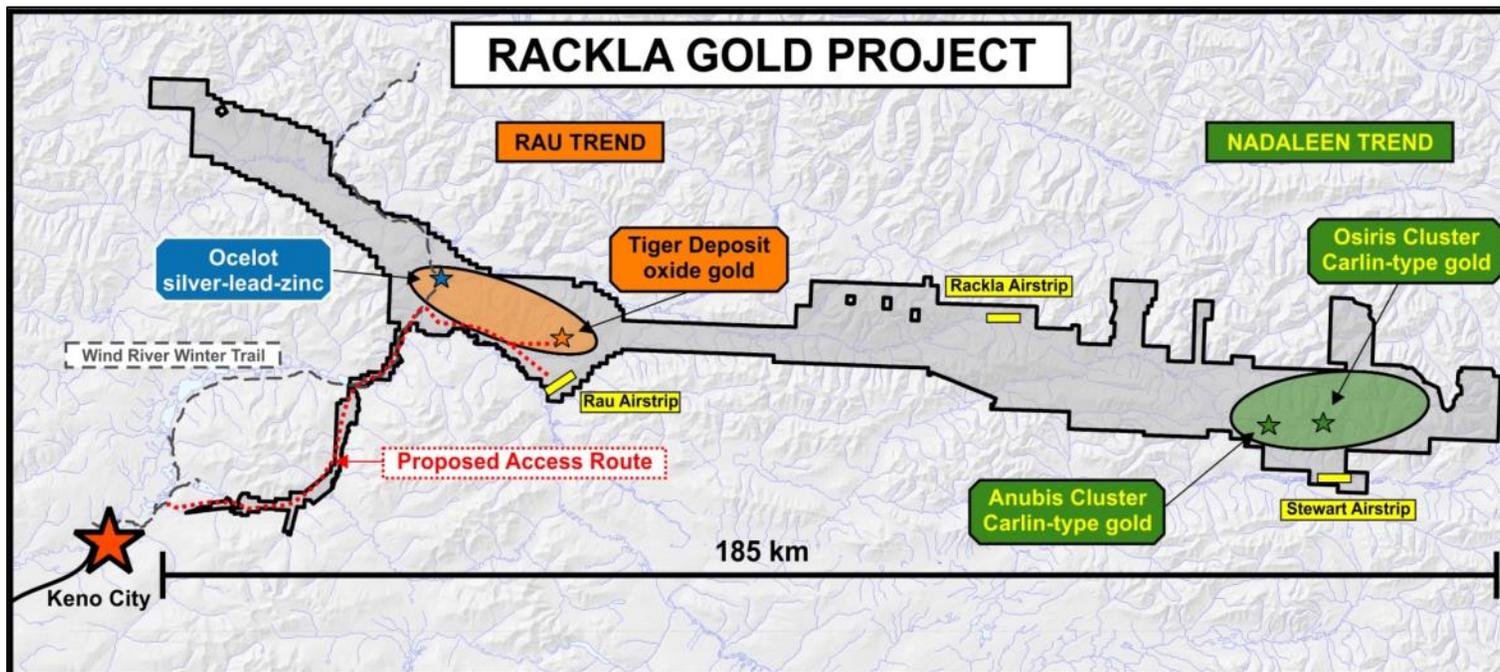
- ATAC is advancing **Canada's only Carlin-type gold district** in geopolitically safe and mining friendly Yukon
- Diamond drilling at Orion successfully twins and extends the 2015 discovery hole and returns **61.29 m of 2.75 g/t gold** – drilling is ongoing
- **Airstrip gold anomaly extended to 11.5 km²** and gold is encountered in three of the first RAB drill holes
- Updated Tiger Gold Deposit PEA **doubled the pre-tax NPV to over \$100 million** and improved on every other metric from the 2014 PEA
- Improved site logistics – Tiger Gold Deposit **tote road permitting underway**
- Well-funded - **~\$16 million cash**
- **100% owned** with no underlying royalties
- Exploration Cooperation Agreement in place with the First Nation of Na-Cho Nyäk Dun





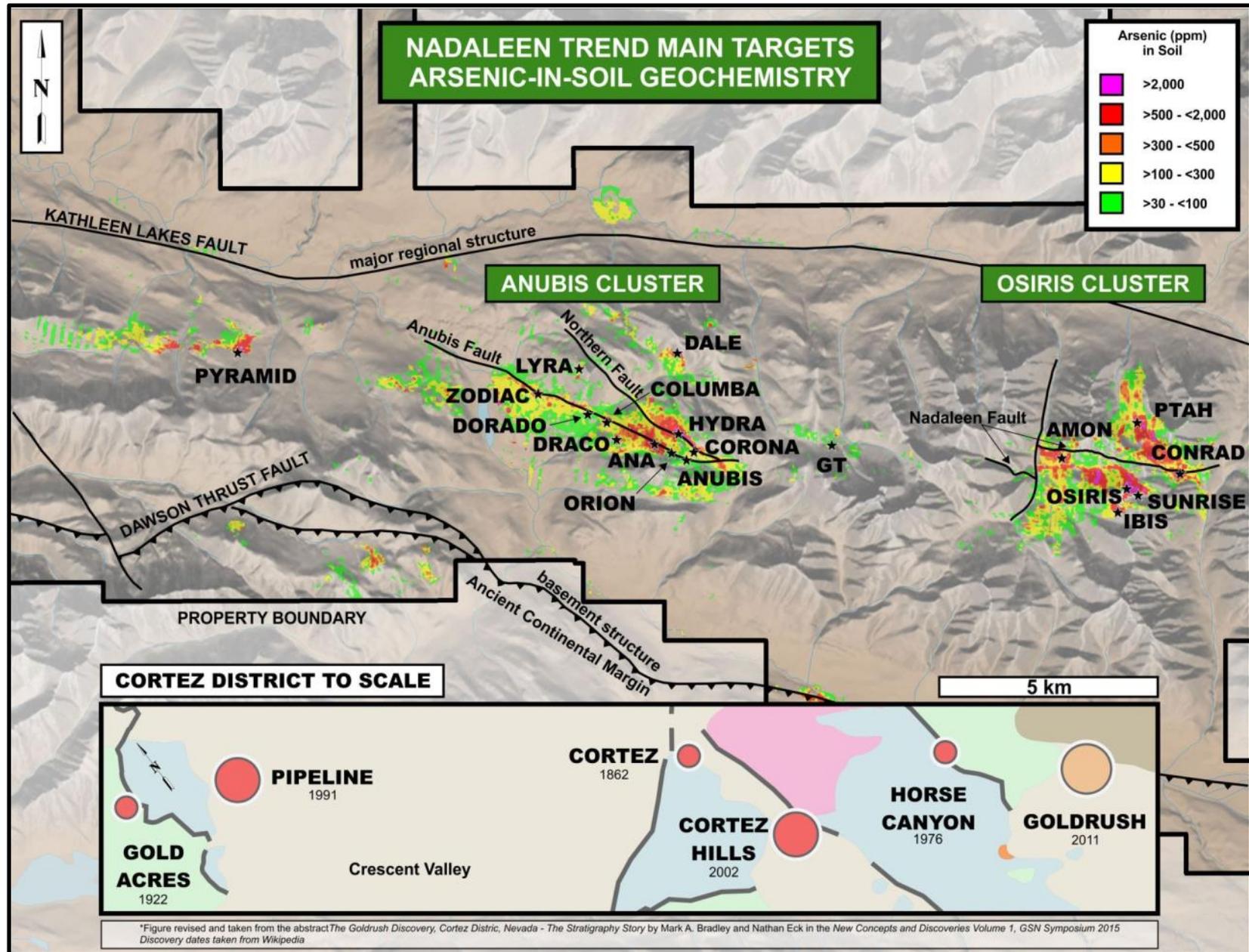
NADALEEN TREND

- Hosts the 10 km² Osiris Cluster and 18 km² Anubis Cluster which contain **6 drill-confirmed zones of Carlin-type gold**
- **Phase II exploration currently ongoing** at Orion with ~1,500 m of diamond drilling
- Diamond drilling successfully twins and extends the Orion discovery hole and returns **61.29 m of 2.75 g/t gold** in AN-16-010
- Anubis Cluster hosts **nine gold targets within an 18 km²** area of anomalous Carlin-style pathfinder minerals
- Conrad is the most advanced zone within the Nadaleen Trend – OS-12-114 intersected **42.93 m of 18.44 g/t gold**
- The Nadaleen Trend is comparable in size and setting to the northern Carlin Trend of Nevada



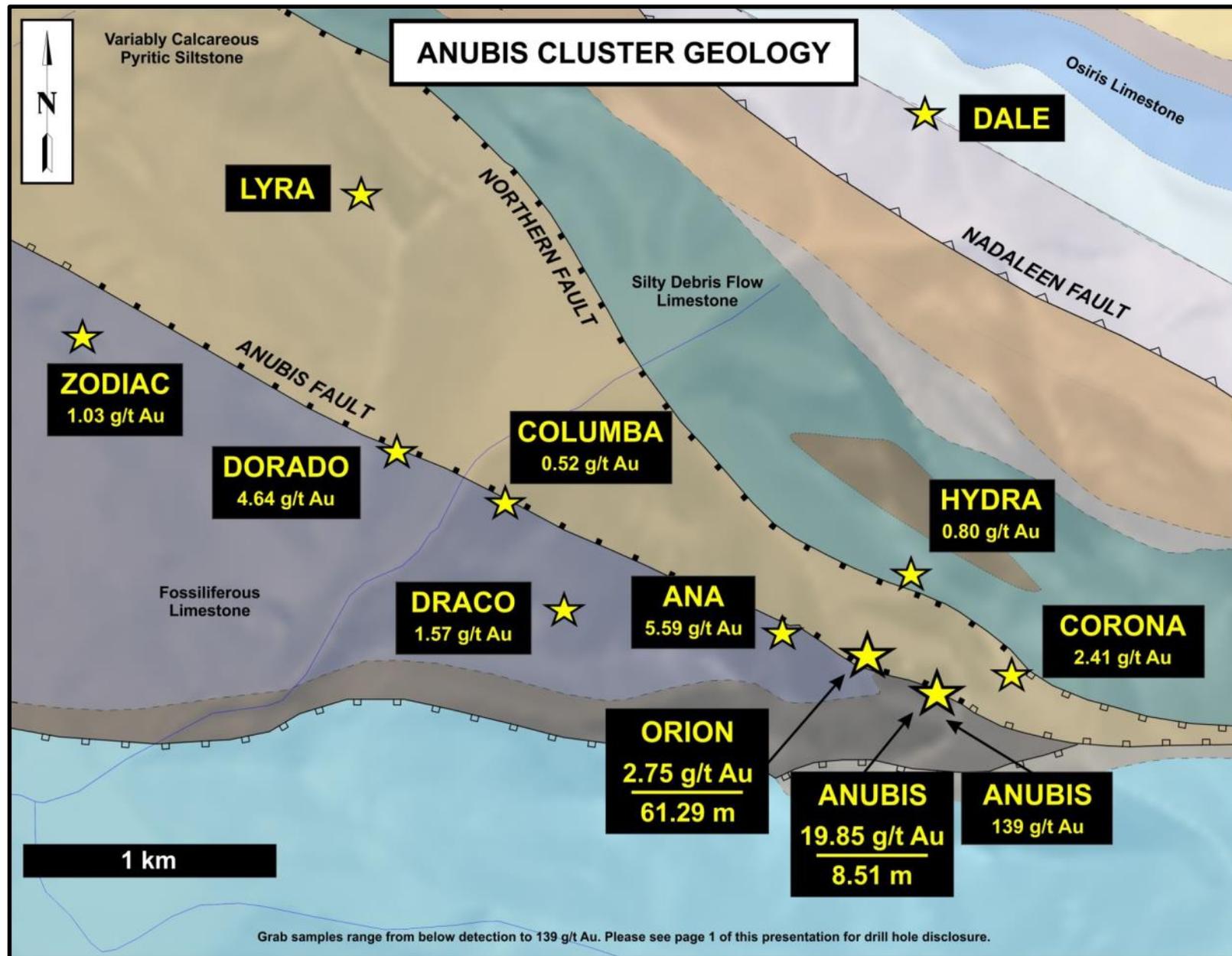


NADALEEN TREND – ARSENIC GEOCHEMISTRY



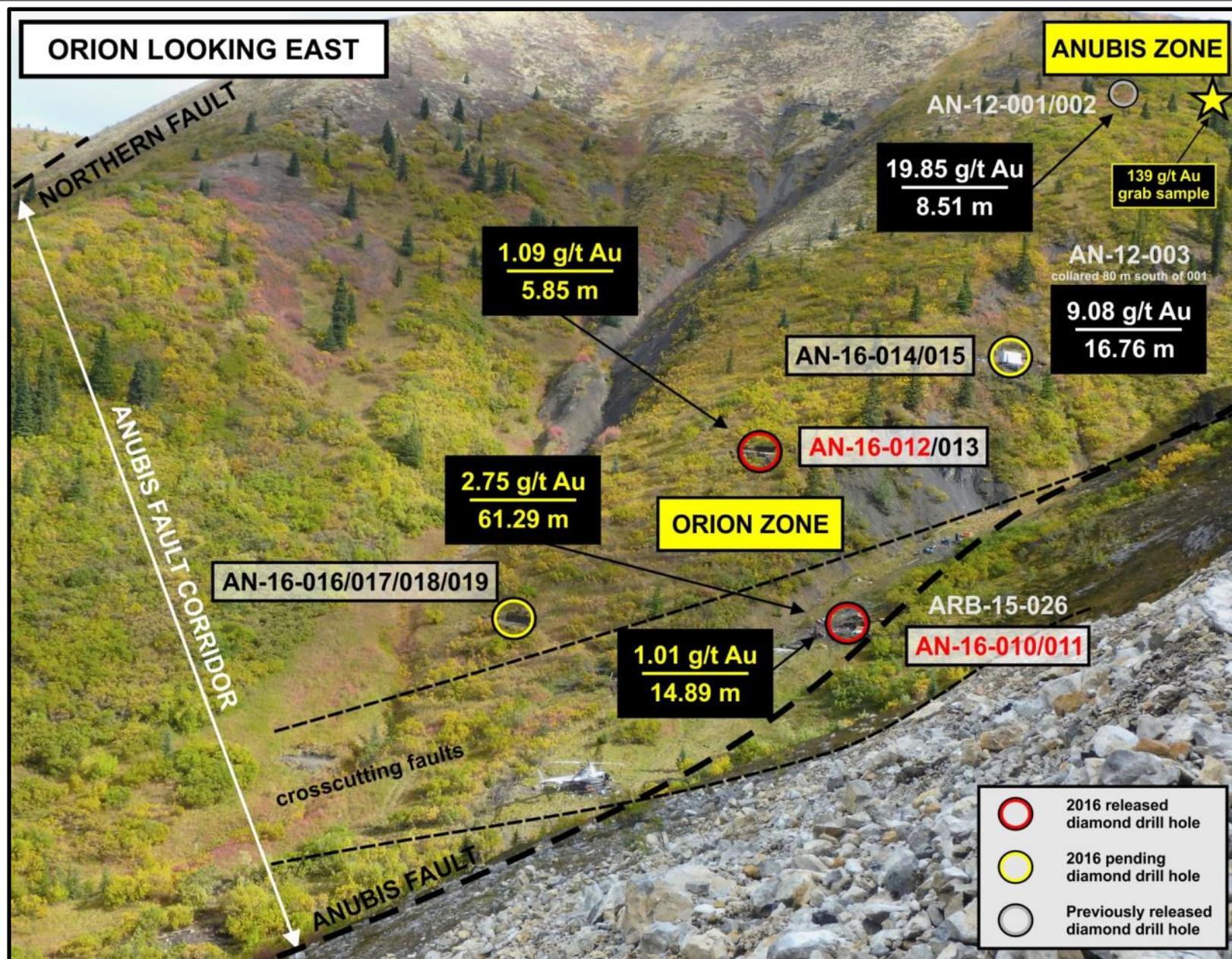
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ANUBIS CLUSTER GEOLOGY



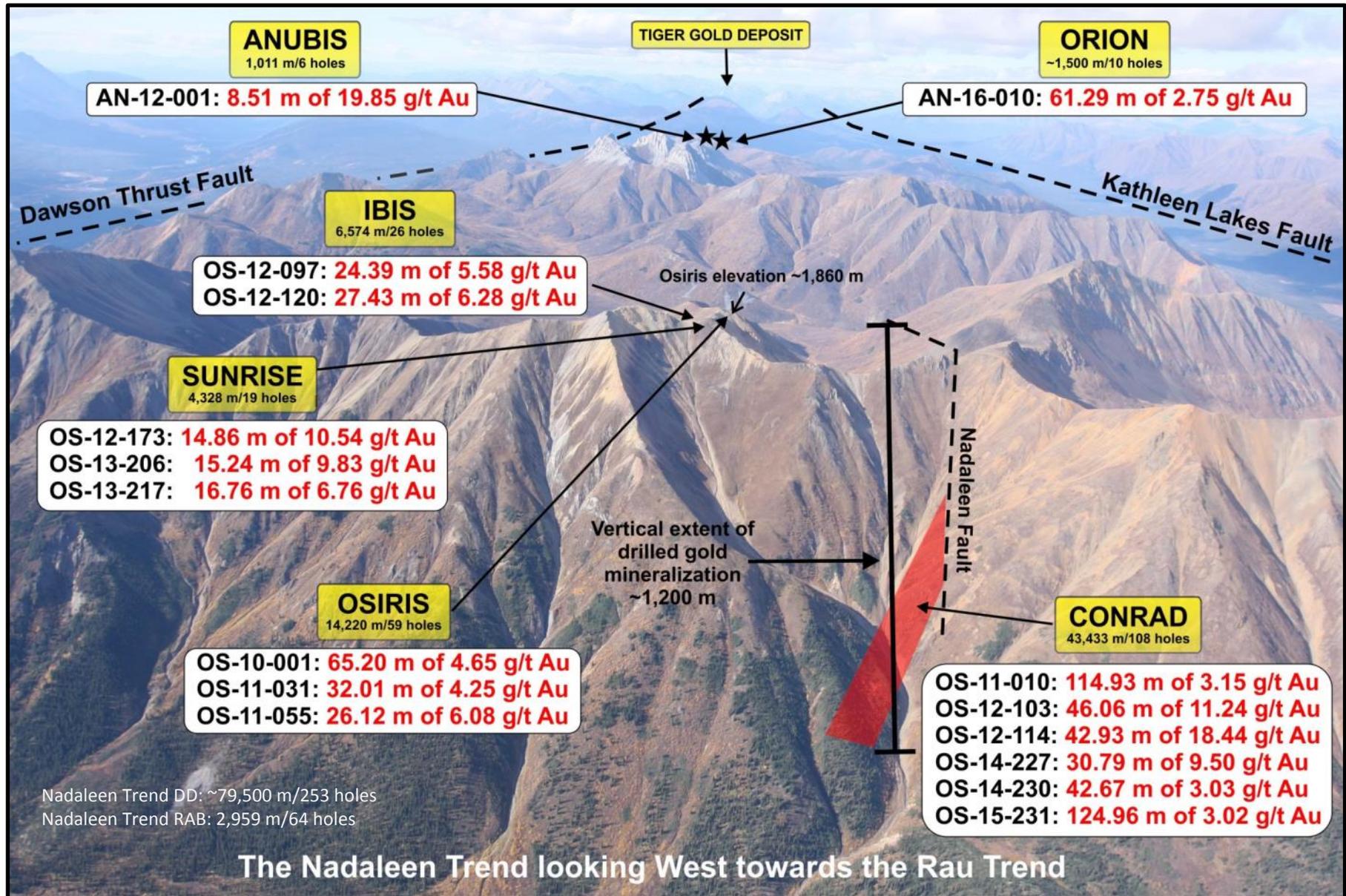
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ORION 2016 DIAMOND DRILLING





NADALEEN TREND – OSIRIS CLUSTER





CONRAD ZONE – HIGHLIGHT DRILL RESULTS

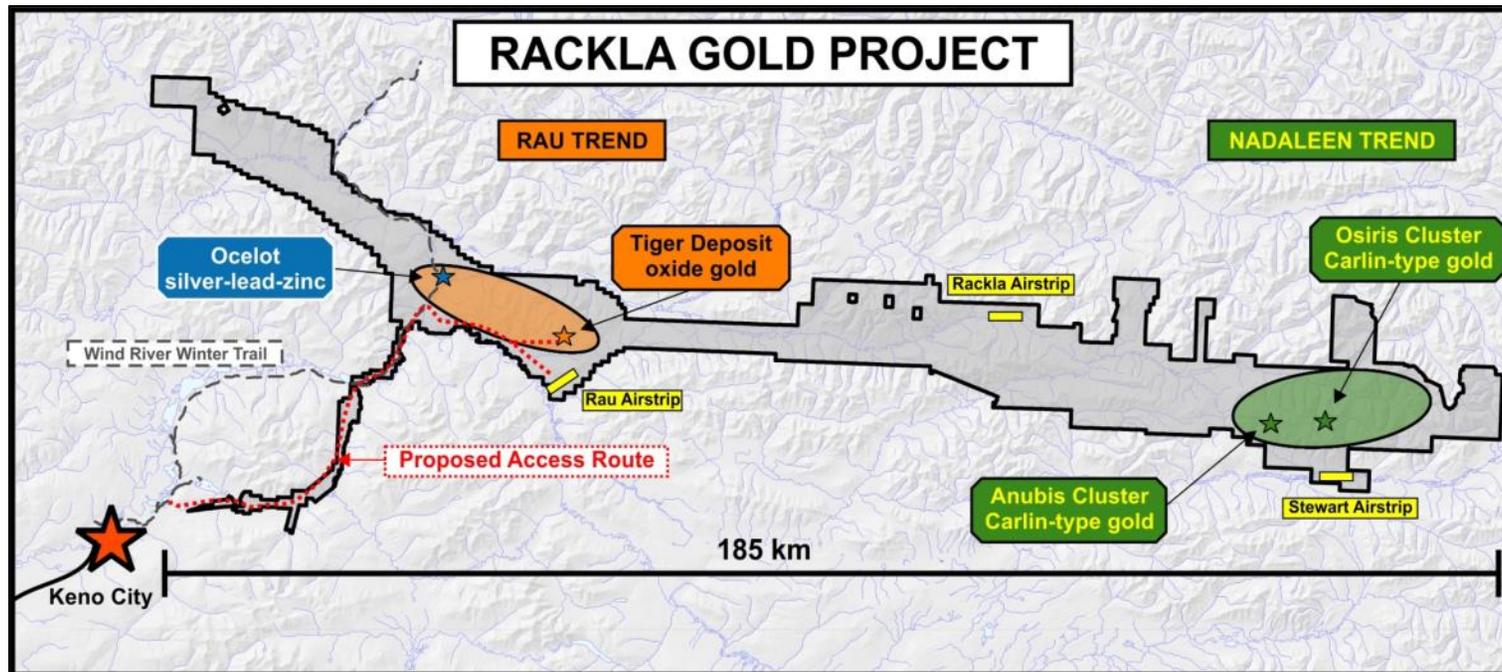
HOLE	FROM (m)	TO (m)	INTERVAL (m)	Au (g/t)
OS-11-010	176.15	291.08	114.93	3.15
incl.	181.36	263.65	82.29	4.08
OS-11-058	147.22	188.37	41.15	7.33
OS-11-062	83.21	142.65	59.44	4.32
OS-12-098	90.76	131.06	40.30	10.10
incl.	91.86	109.45	17.59	21.24
OS-12-103	34.44	80.50	46.06	11.24
OS-12-114	66.19	109.12	42.93	18.44
incl.	84.73	101.46	16.73	30.85
OS-12-116	256.95	313.88	56.93	4.68
OS-13-219	274.62	308.48	33.86	5.40
OS-14-227	452.80	483.59	30.79	9.50
OS-14-228	321.50	361.72	40.22	6.57
OS-14-229	448.06	484.63	36.57	5.06
OS-14-230	624.84	667.51	42.67	3.03
incl.	630.94	637.03	6.09	13.61
and	697.62	719.33	21.71	3.15
incl.	710.18	719.33	9.15	5.85
OS-15-231	357.54	482.50	124.96	3.02

True widths for all Conrad highlight drill holes are estimated to be 30% - 100% of intersected widths



RAU TREND

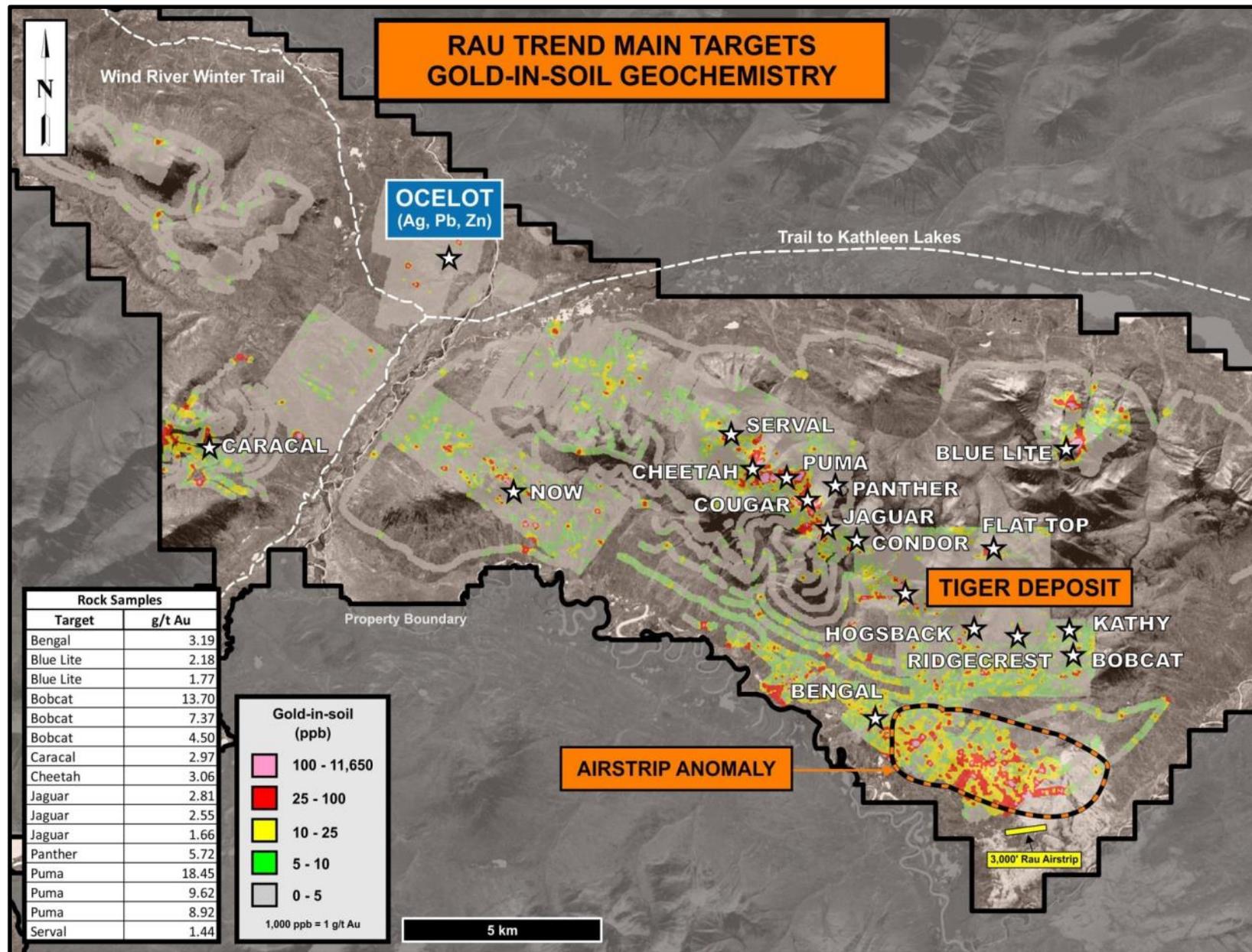
- Hosts the **Tiger gold Deposit, Airstrip gold Anomaly** and Ocelot silver-lead-zinc discovery
- **Gold intersected in three RAB drill holes** at the **Airstrip Anomaly** in 2016
- Updated Tiger Deposit PEA **doubled the pre-tax NPV to over \$100 million*** and improved on every metric from the 2014 PEA
- The **65 km Tiger tote road route** has been submitted to YESAB for permitting



Please see page 1 of this presentation for Tiger PEA disclosure

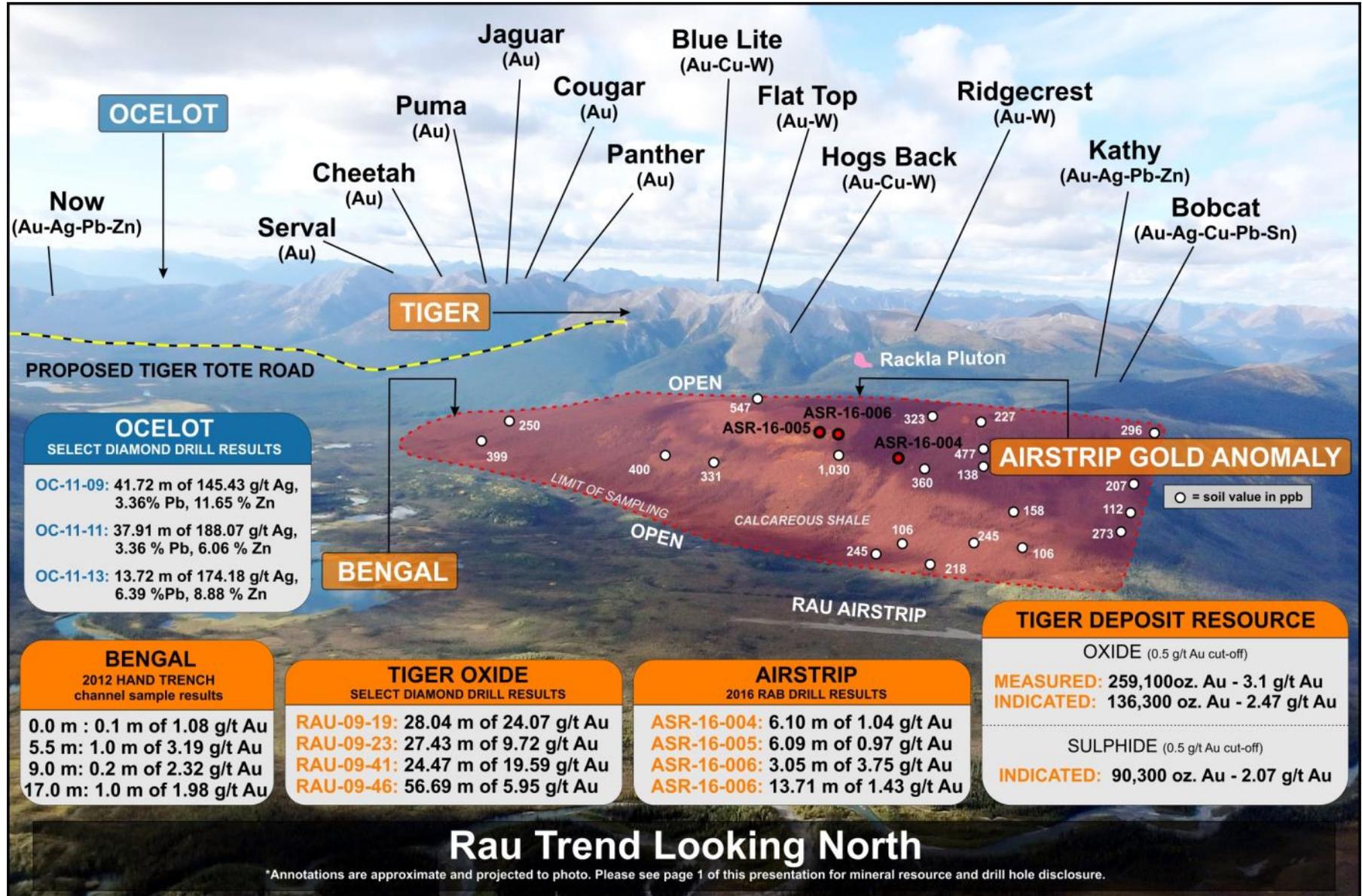


RAU TREND – GOLD GEOCHEMISTRY





RAU TREND TARGETS



OCELOT

Now
(Au-Ag-Pb-Zn)

Jaguar (Au)
Blue Lite (Au-Cu-W)
Flat Top (Au-W)
Ridgecrest (Au-W)
Kathy (Au-Ag-Pb-Zn)
Bobcat (Au-Ag-Cu-Pb-Sn)
Puma (Au)
Cougar (Au)
Panther (Au)
Hogs Back (Au-Cu-W)
Cheetah (Au)
Serval (Au)

TIGER

PROPOSED TIGER TOTE ROAD

OCELOT

SELECT DIAMOND DRILL RESULTS

OC-11-09: 41.72 m of 145.43 g/t Ag,
3.36% Pb, 11.65 % Zn

OC-11-11: 37.91 m of 188.07 g/t Ag,
3.36 % Pb, 6.06 % Zn

OC-11-13: 13.72 m of 174.18 g/t Ag,
6.39 %Pb, 8.88 % Zn

BENGAL

BENGAL

2012 HAND TRENCH
channel sample results

0.0 m : 0.1 m of 1.08 g/t Au
5.5 m: 1.0 m of 3.19 g/t Au
9.0 m: 0.2 m of 2.32 g/t Au
17.0 m: 1.0 m of 1.98 g/t Au

TIGER OXIDE

SELECT DIAMOND DRILL RESULTS

RAU-09-19: 28.04 m of 24.07 g/t Au
RAU-09-23: 27.43 m of 9.72 g/t Au
RAU-09-41: 24.47 m of 19.59 g/t Au
RAU-09-46: 56.69 m of 5.95 g/t Au

AIRSTRIP

2016 RAB DRILL RESULTS

ASR-16-004: 6.10 m of 1.04 g/t Au
ASR-16-005: 6.09 m of 0.97 g/t Au
ASR-16-006: 3.05 m of 3.75 g/t Au
ASR-16-006: 13.71 m of 1.43 g/t Au

TIGER DEPOSIT RESOURCE

OXIDE (0.5 g/t Au cut-off)

MEASURED: 259,100oz. Au - 3.1 g/t Au
INDICATED: 136,300 oz. Au - 2.47 g/t Au

SULPHIDE (0.5 g/t Au cut-off)

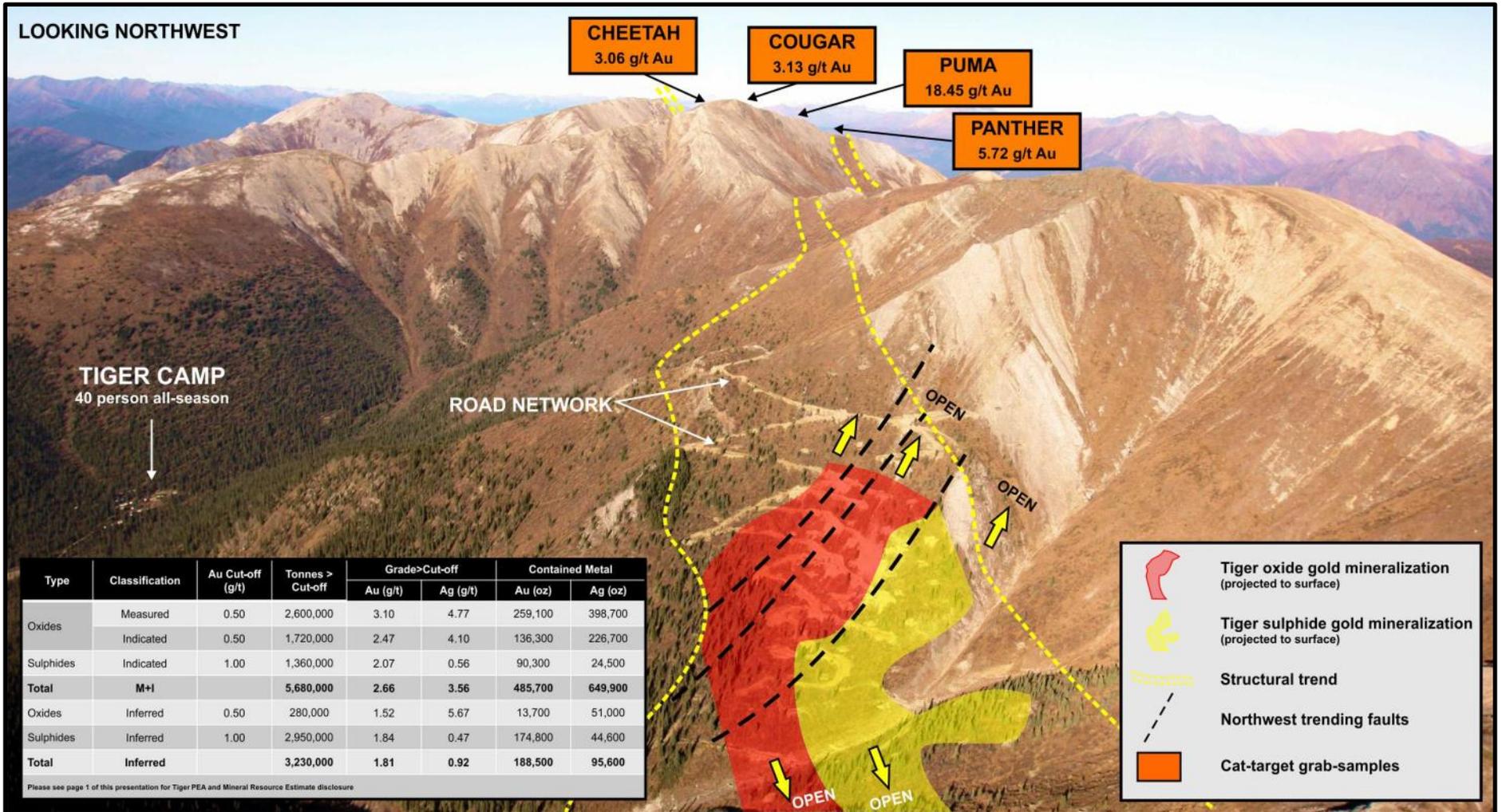
INDICATED: 90,300 oz. Au - 2.07 g/t Au

Rau Trend Looking North

*Annotations are approximate and projected to photo. Please see page 1 of this presentation for mineral resource and drill hole disclosure.



TIGER GOLD DEPOSIT





2014 vs 2016 TIGER PEA

	2014 PEA	2016 PEA
Gold Price (US\$/oz)	\$1250	\$1250
Exchange Rate (US\$:CA\$)	0.92	0.78
Pre-tax NPV _(5%) (millions)	\$52.15	\$106.6
Pre-tax IRR	30.0%	34.8%
Post-tax NPV _(5%) (millions)	\$33.67	\$75.71
Post-tax IRR	21.5%	28.2%
Recovered Gold	221,558 oz	302,307 oz
Average Gold Grade	3.72 g/t	3.81 g/t
Average Oxide Recovery	89.8%	90.3%
Average Sulphide Recovery	0%	57.7%
Pre-production Capital (millions)	\$92.3	\$109.4
Sustaining Capital (millions)	\$26.5	\$8.3
Payback (pre-tax)	2.2 years	1.85 years
Payback (post-tax)	2.6 years	1.92 years
Pre-production Period	1 year	1 year
Mine life	4 years	6.2 years
Closure Period	2 years	2 years
Project life	7 years	9.2 years
Process	Hybrid CIL/Heap Leach	CIP
Production Rate	3,300 tpd	1,500 tpd
Operational Period	Seasonal (158 days)	Year-round (365 days)
Strip Ratio	5.6:1	4.9:1
Access Method	Winter Road	Tote Road



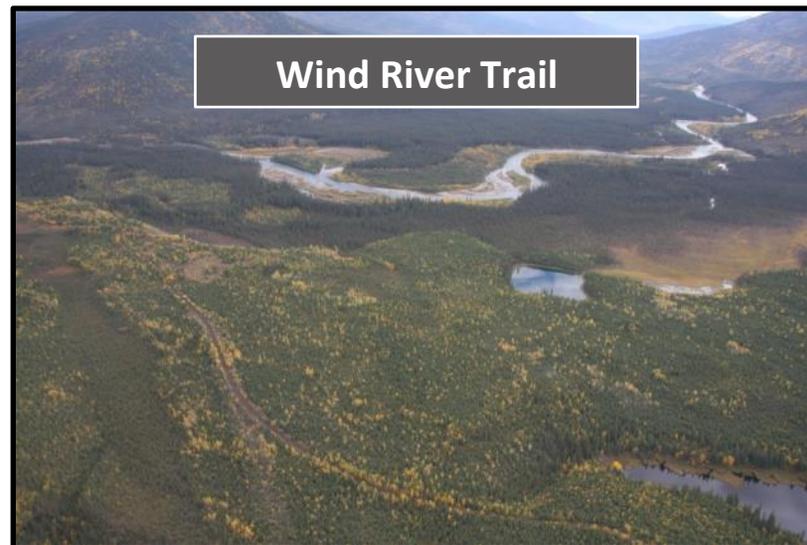
PROPOSED TIGER TOTE ROAD

Wind River Trail
12 km of existing trail for upgrading



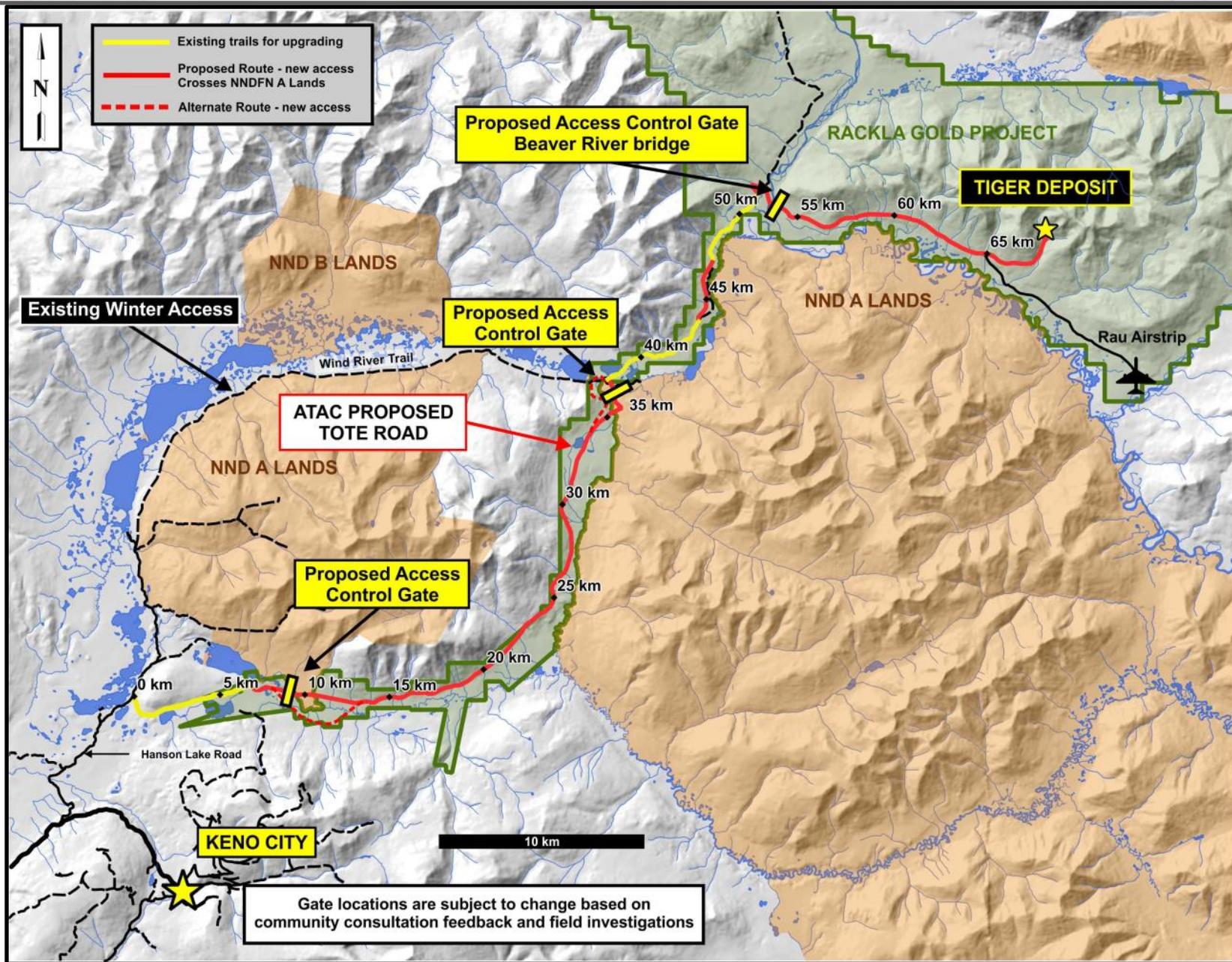
- 65 km long by 5 m wide, restricted and gated
- Transport truck capable
- Tote road will support advanced exploration activities

Wind River Trail



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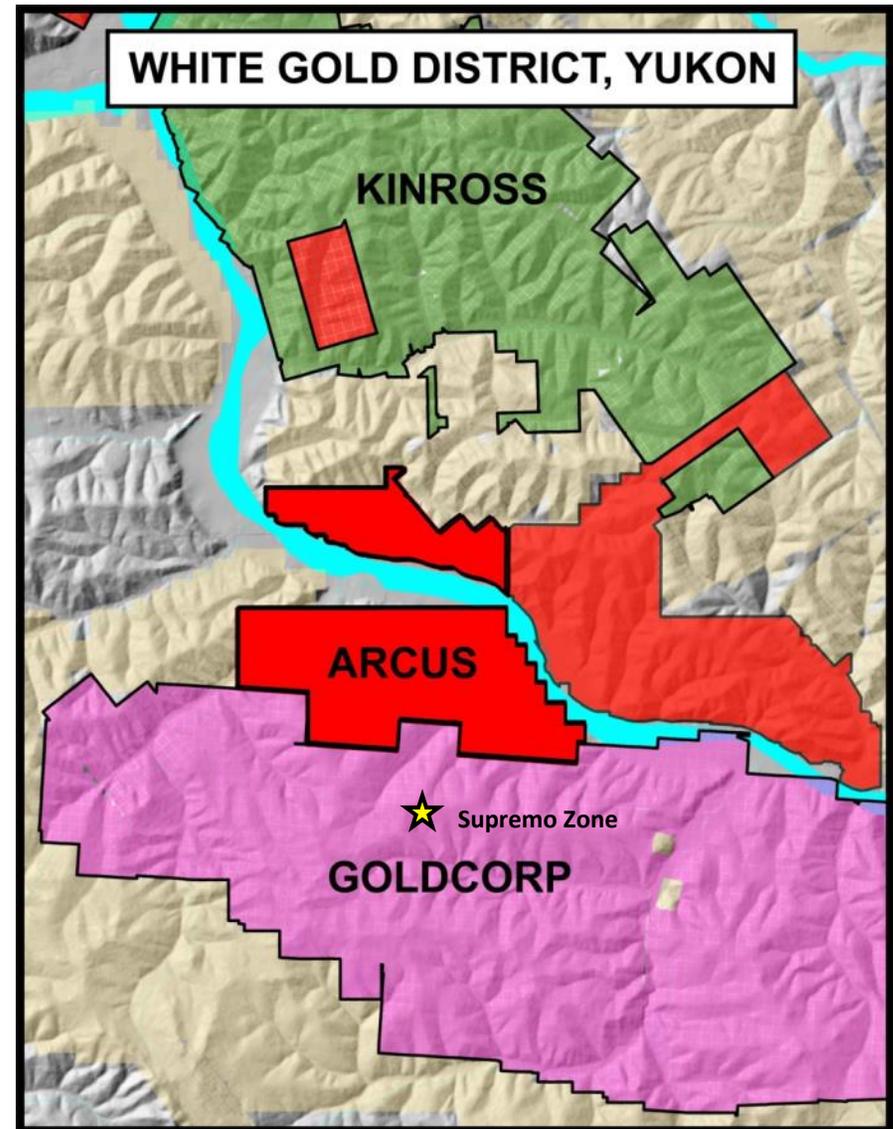
PROPOSED TIGER TOTE ROAD





ARCUS DEAL

- ATAC sold its 50% interest in the Dawson Gold Joint Venture properties to Arcus Development Group Inc. in exchange for:
 - ATAC acquired 10,869,910 Arcus shares to hold a total of **11,399,910** or **19.99%** of Arcus
 - **5,000,000** warrants at **\$0.20** expiring on August 19, 2021
- ATAC gains exposure to one of Yukon's premier exploration districts without incurring exploration expenditures or dilution





- **Diamond drilling at Orion intersects 61.29 m of 2.75 g/t gold in AN-16-010 – diamond drilling is ongoing**
- **Significant exploration potential exists along the Anubis Fault Corridor within the 18 km² Anubis Cluster**
- **Gold encountered in three Airstrip Anomaly RAB drill holes in 2016**
- **Tiger tote road permitting in progress**
- **Well-financed with approximately \$16 million cash**
- **100% owned Carlin-type gold district in safe mining jurisdiction**