# **AIS Resources**

Developing Three Advanced Gold Projects in the World's Best Addresses for High-Grade Gold Mines in the Victoria Lachlan Fold Belt in Australia.

June 2021

TSX.V: AIS | OTCQB: AISSF www.aisresources.com



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#### **AIS Resources**

AIS Resources is developing three significant advanced drill-ready Gold Projects with over 250 sq km of property in the gold-rich Fosterville Lachlan Belt Fold in Victoria, NSW, Australia.

AIS' Fosterville-Toolleen Gold Project is the closest company to Kirkland Lake Gold's (<u>NYSE: KL</u>) **9 Moz Au Fosterville Mine\*** – the highest grade and lowest cost gold mine in the world.



\* Fosterville Mines' total gold endowment (including historical production) is 9 Moz. – Published by the Department of Jobs Precincts and Resources, Australia.



# **Highlights – Three Advanced Drill-Ready Gold Projects**

The highly prospective ground staked in the Victorian Golden Triangle and NSW Australia goldfields in Lachlan Fold Belt and Greenstone corridor around major fault systems and folding include these three drill-ready projects:

#### Yalgogrin Gold Project, New South Wales

- ELA6030 56 sq km & EL5891 2.8 sq km property, ideal for heap leach recovery for high grade and low grade mineralisation.
- Significant gold discovered from drilling 20 metres below surface results up to **21.5 g/t Au**.
- Significant drill targets identified from magnetic survey and drill program after ground IP survey planned.
- Near the 250,000 oz Au/year Evolution's Lake Cowal Mine gold mine (<u>ASX: EVN</u> \$9.4B market cap) with over 6.6 Moz in Mineral Resources and 3.4 Moz Ore Reserves.

#### Fosterville-Toolleen Gold Project, Victorian Golden Triangle, Bendigo, Victoria

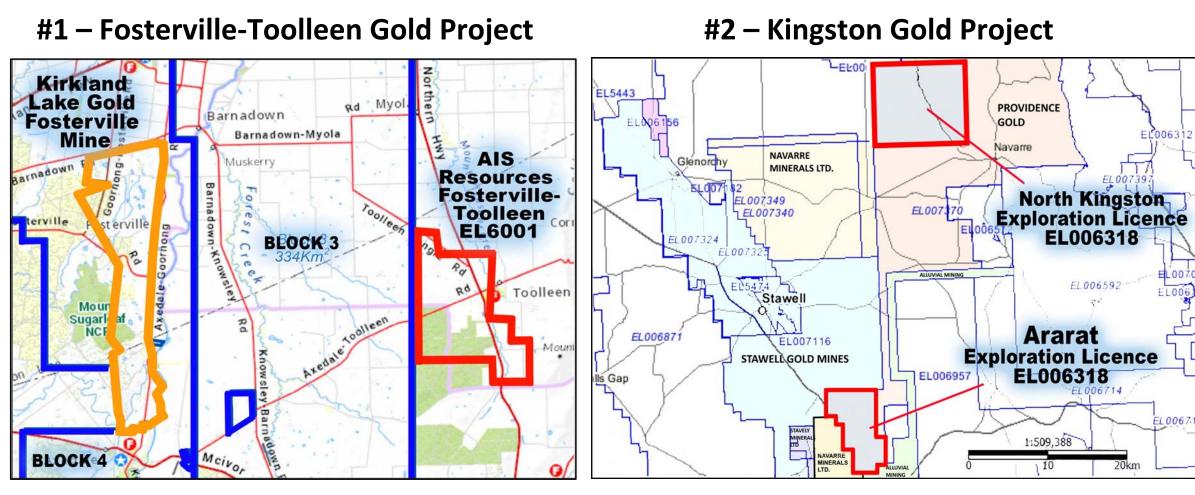
- Exploration Licence EL6001 closest to Fosterville Gold Mine (<u>NYSE: KL</u>) 9 Moz 7.3 g/t Au in an open pit mine.
- 28 sq km property with surface gold carried by Permian glacial scree from reefs in Ordovician turbidite metasediments.
- Bounded by Mount Williams and Whitelaw fault systems and reefs which are generators of gold and shallow undercover.
- Drill-ready project with IP geophysics and R-C/diamond drilling to complement drill & radar geophysics work done to date.

#### Kingston Gold Project, Victorian Golden Triangle, Stawell, Victoria

- Exploration Licence EL6318 167 sq km property located 35km north-west from Stawell, Victoria.
- Previously explored by BHP and WMC and flanked by Navarre Minerals (<u>ASX: NML</u> \$122M market cap).
- The best recent drill results were 3.6m at **16.89 g/t Au**, including 2.5m at **24.27 g/t Au**.
- From 1900 to 1903, hard rock gold mining produced an estimated 2,762 ozs of gold at 7.3 g/t Au average grade.



#### **Three Advanced Gold Projects – Three Premier Locations**



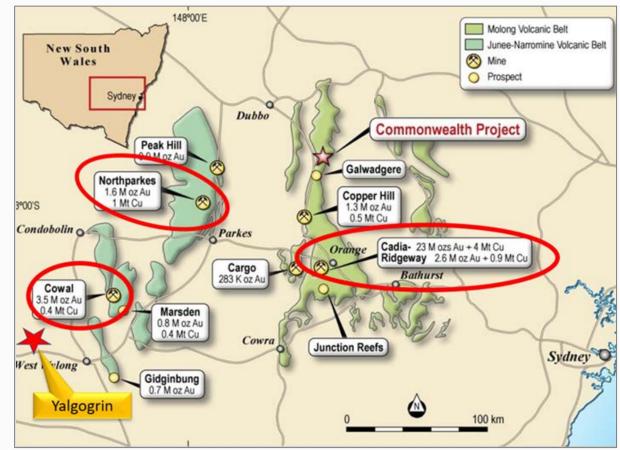
Drill-ready 26 sq km Exploration Licence EL6001 only 12 km from 9 Moz Fosterville Gold Mine.

Kingston Exploration Licence EL6318 map shows the drill-ready North Kingston and Ararat sections surrounded by multiple mining companies.

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#### **Three Advanced Gold Projects – Three Premier Locations** – *continued*



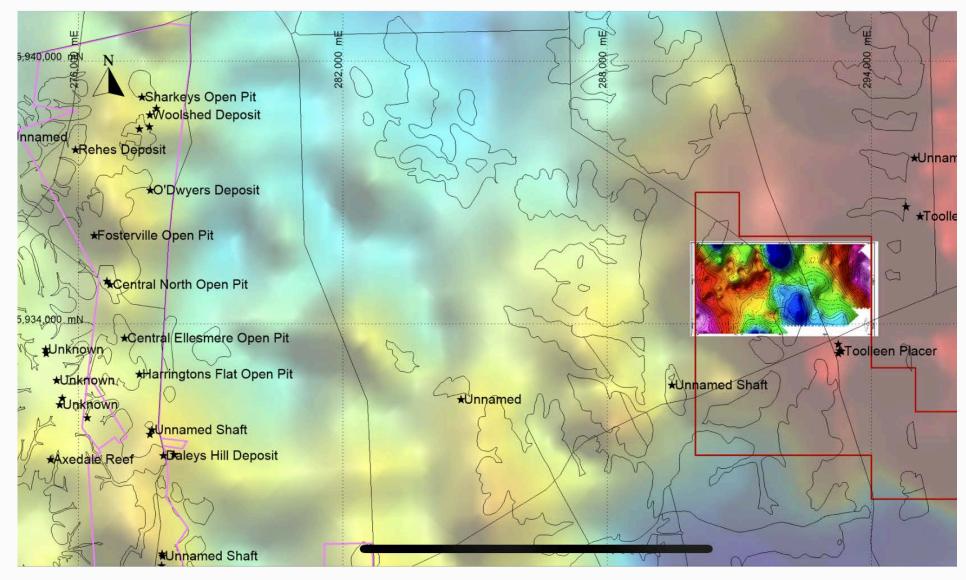
#### **#3 – Yalgogrin Gold Project**

Exploration Licences EL5891 2.8 sq km and ELA6030 56 sq km drill-ready properties with gold intercepts with up to **32.2 g/t Au**.

# FOSTERVILLE-TOOLLEEN Drill-ready Gold Project 12 km from world's lowest cost gold producer – the 9 Moz Au Fosterville Mine

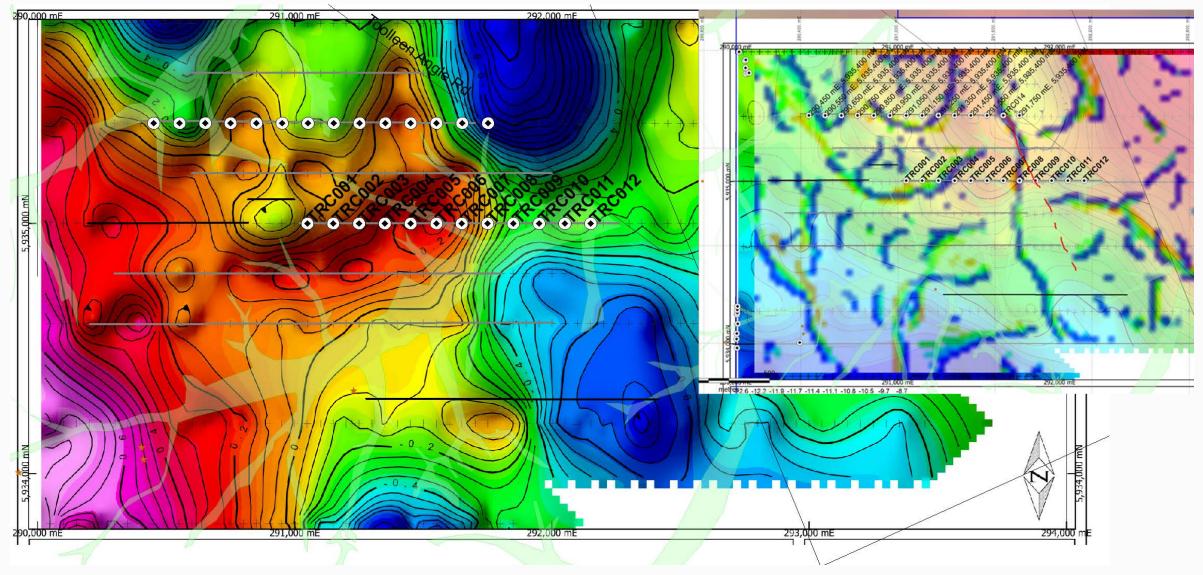


#### **Fosterville-Toolleen Gold Project Exploration Licence EL6001 – Highlights**



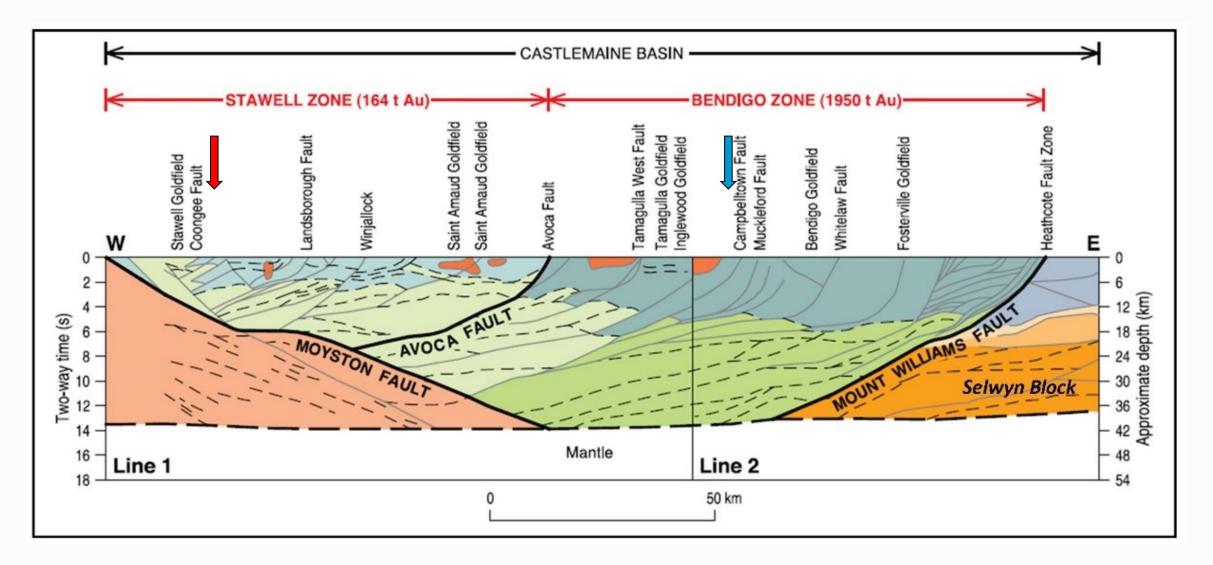


### Fosterville-Toolleen – Orogenic, Reef and Alluvial Gold, Deposits





#### **Fosterville-Toolleen – Geology Encountered**



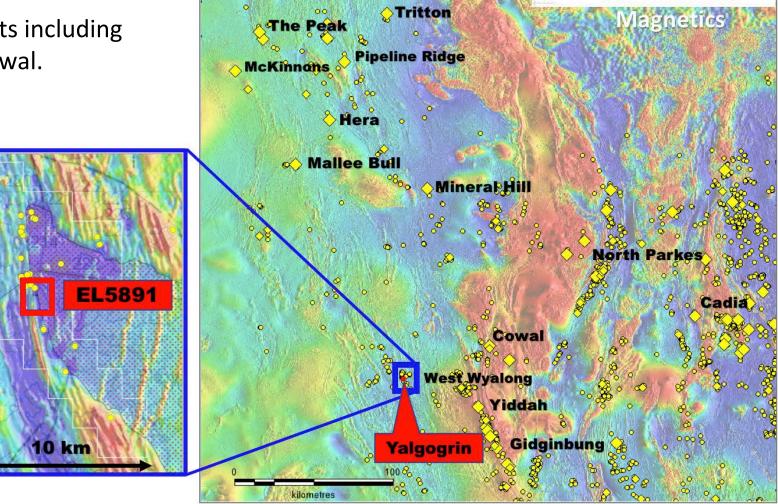
# YALGOGRIN Drill-ready advanced Gold Project in the Historic Yalgogrin Gold Field

1



## Yalgogrin – Great Location, Close to the Biggest Producers in Australia

- Located in the World Class Gold District Lachlan Fold belt of NSW.
- Home to world class gold deposits including Cadia, North Parkes and Lake Cowal.
- The gold mineralisation is believed to be Orogenic style.
- EL5891 covers southern portion of Yalgogrin Goldfield.
- Gold mined historically within the granite and meta-sediments close to contact.



Significant Gold Deposit Gold Occurrence



## **Yalgogrin – Project Summary**

- The project is located in the Lachlan Fold Belt of NSW in historic Yalgogrin gold field a supportive jurisdiction.
- The tenure contains multiple drill ready targets with near term resource potential starting at surface.
- Established land access with excellent long-term relationships, freehold farming land with no environmental constraints.
- Tenement held in good standing by the holder since 2001 with 3795 m of drilling conducted to date.
- Exploration Licences ELA6030 a 56 sq km property staked in within 10 km of the 2.8 sq km EL5891.
- Two existing mine shafts are on on ELA6030 Asia Wyalong and Talmore.

#### **Gold intercepts include:**

- 22m @ 1.9 g/t Au from 1m, including 1m @ **21.5 g/t Au**.
- 14m @ 2.6 g/t Au from 1m.
- 9m @ 2.2 g/t Au from 1m, including 1m @ **13.3 g/t Au** from 7m.
- 0.5m @ **32.2 g/t Au** from 1.5m.

#### Immediate opportunity to define:

- Shallow oxide gold resource Exploration Target up 25 to 50,000 oz.
- Deeper High Grade gold resource potential unknown.





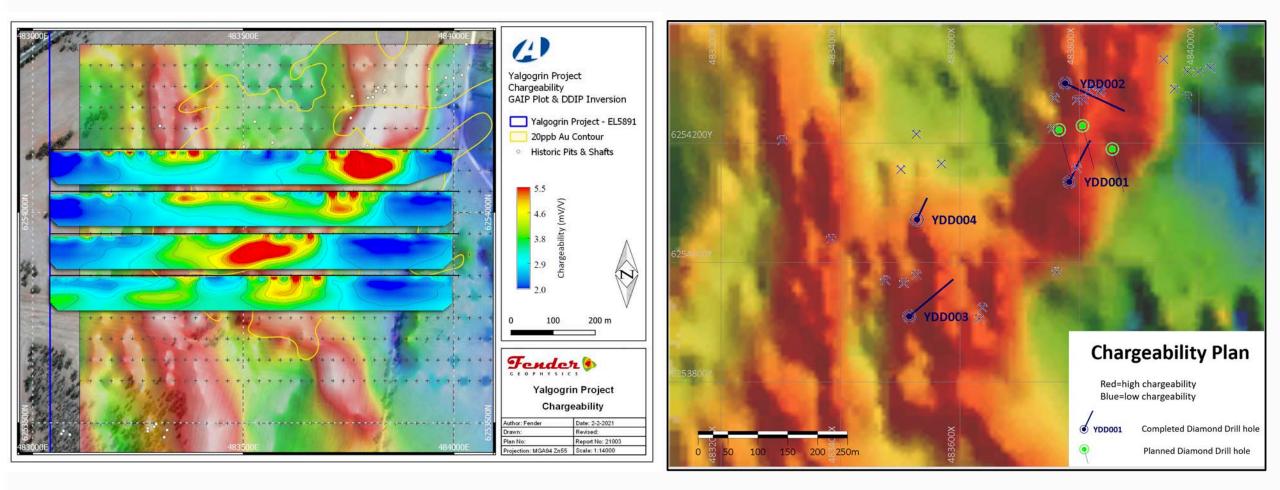
## Yalgogrin – Exploration Program Next 12 months

Stage 1 – DDH – drilling out Neighbours IP/ Chargebility High.



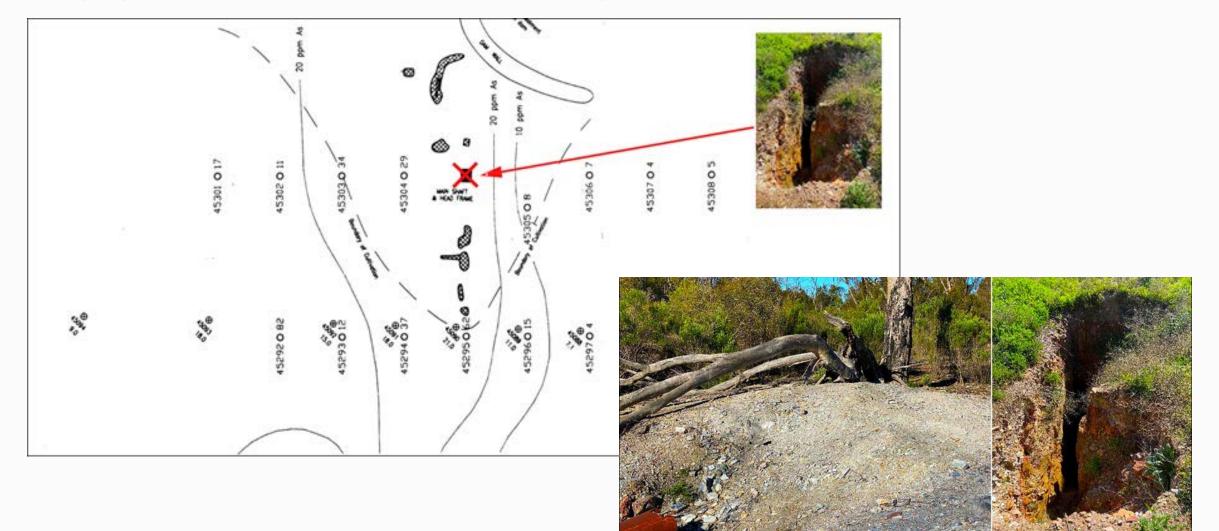


### **Yalgogrin – Geophysics**





## Yalgogrin – ELA 6030, Asia Wyalong Mine and Talmore Mines





#### **Yalgogrin – Thin Section**

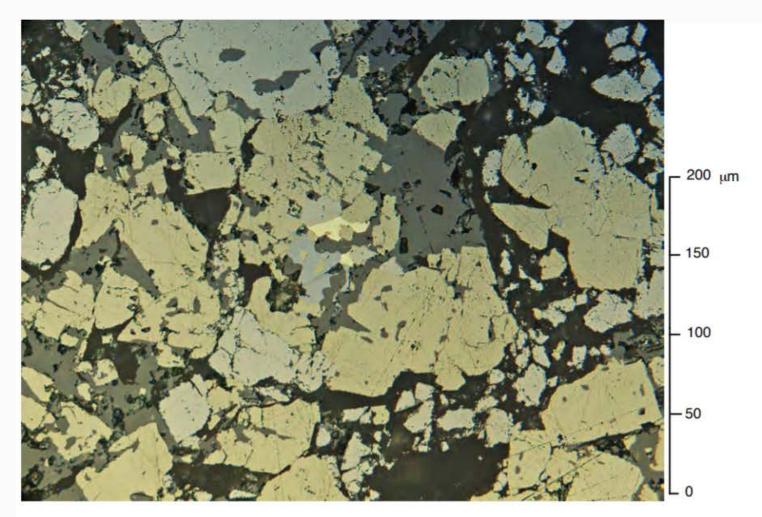


FIG. 12: SAMPLE YDD1, 111.68-111.75m (Reflected plane polarised light, Obj. x50, Image P5124125) Within the sulfide-rich band at the margin of the vein, native gold grains (bright pale yellow, centre) lie in close association with pyrite (cream), arsenopyrite (white), sphalerite (dull medium grey) and galena (pale bluish grey).



### Yalgogrin – Outstanding High-grade Shallow Intercepts

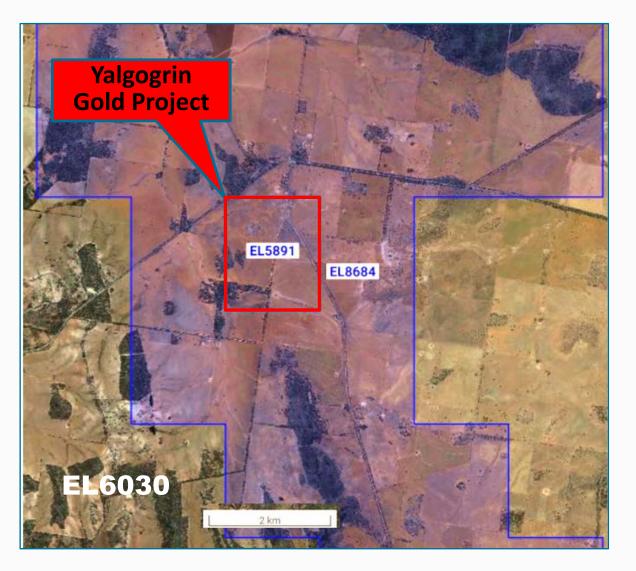
Significant gold intercepts from RC Drilling include:

- 22m @ 1.9 g/t Au from 1m, including 1m @ 21.5 g/t Au from 19m & 1m @ 5.3 g/t Au from 21m in YAC3;
- 9m @ 2.2 g/t Au from 1m, including 1m @ 13.3 g/t Au from 7m in DWRC004;
- 15m @ 1.9 g/t Au from 1m, including 1m @ 10.1 g/t Au from 4m & 1m @ 6 g/t Au from 5m in YAC4;
- 14m @ 2.6 g/t Au from 1m in YAC68;
- 9m @ 2.7 g/t Au from 1m, including 1m @ 9.2 g/t Au from 8m in YAC5;
- 8m @ 2.8 g/t Au from 3m in YAC72
- 14m @ 1.4 g/t Au from 11m, including 1m @ 7.9 g/t Au from 12m & 1m @ 5.2 g/t Au from 21m in DWRC006;
- 0.5m @ **32.3 g/t Au** from 1.5m in YG-204 (auger).





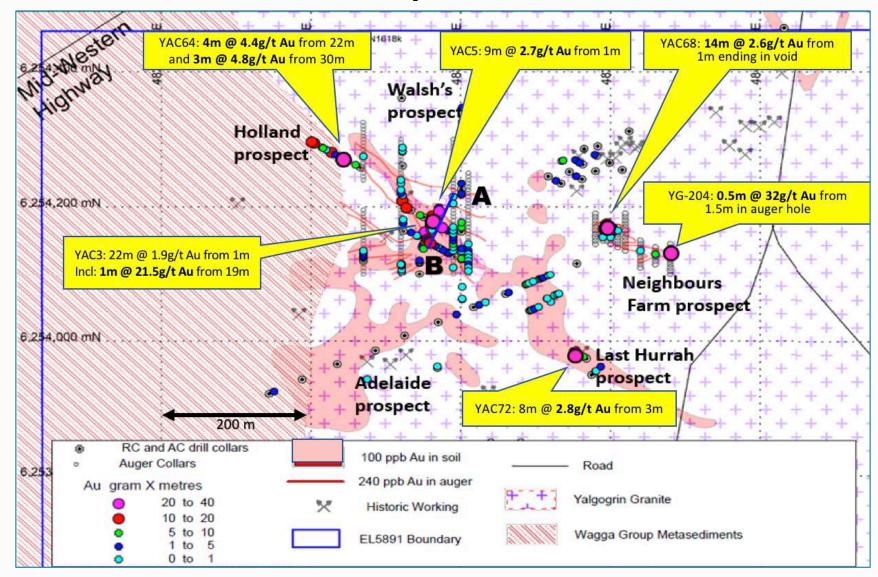
#### Yalgogrin – Easy Location and Access with Required Infrastructure



- EL5891 one graticular unit (2.8 sq km) located 37 km west of West Wyalong on the mid west hwy.
- Established land access with excellent long term relationships, freehold farming land, no native title.
- Original peg based on most anomalous zone from regional soil program over 32 km strike conducted by Straits Resource in the 1990's.
- Tenement held in good standing by the holder since 2001 with 3795 m drilling conducted to date.
- Sealed and all-weather roads to property.
- Water, power and skilled labour readily available.

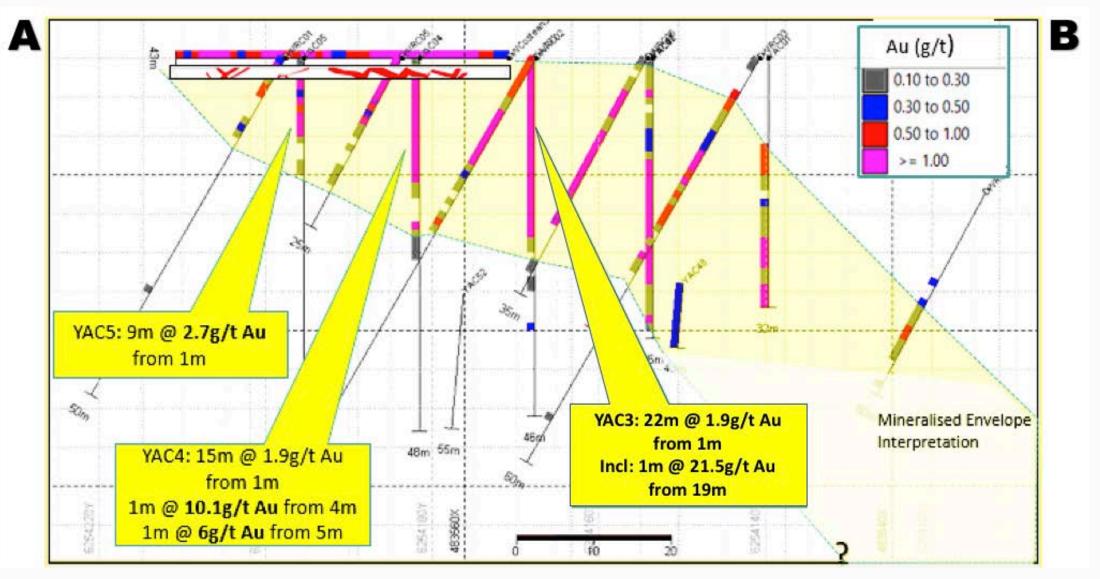


#### Yalgogrin – EL5891 Best Intercepts on Plan





#### Yalgogrin – Walsh's Prospect Section

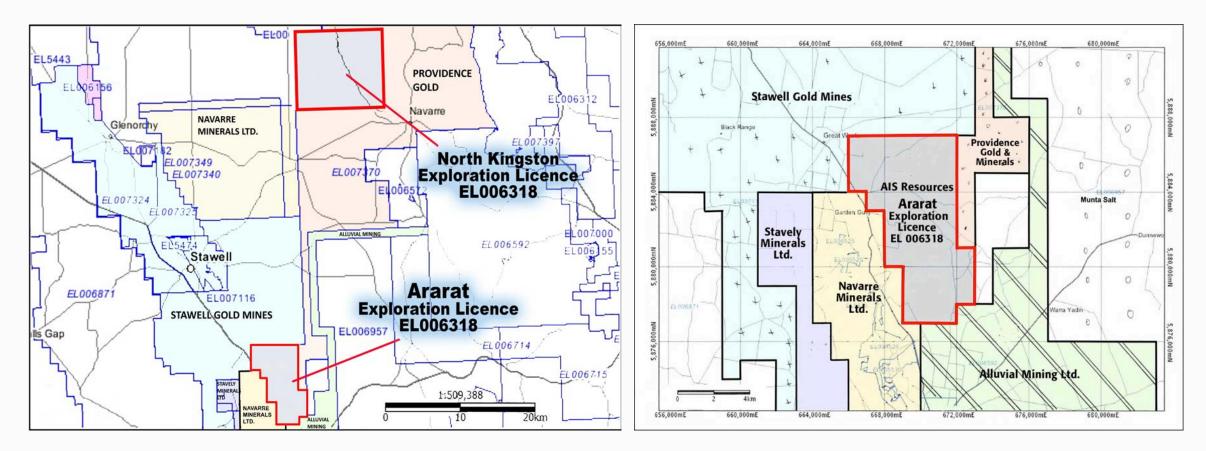


KINGSTON GOLD PROJECT Drill-ready 167 sq km Exploration Licence EL6318 with drill results of 16.89 g/t and 24.27 g/t Au



### **Kingston Gold Project – Exploration Licence EL6318**

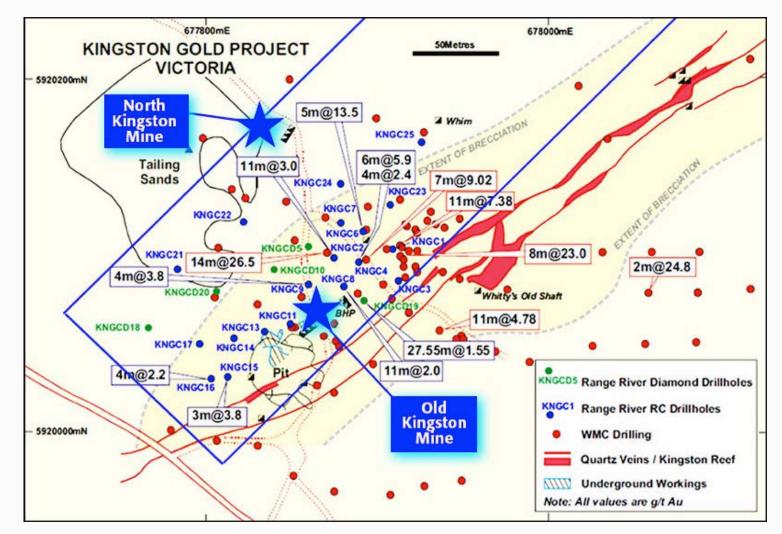
- The Exploration Licence EL6318 has two properties the North Kingston Mine and the Ararat sections surrounded by multiple mining companies both public and private.
- Ararat western border is flanked by Navarre Minerals (<u>ASX: NML</u>) & Stavely Minerals (<u>ASX: SVY</u>) discoveries.





## **Kingston Gold Project – Kingston Mine**

AIS has a 15% royalty for gold taken up to 150m around the Kingston Mine on the company's EL.





### **Kingston Gold Project – Overview**

- 1900 to 1903 The Old Kingston Mine production as estimated by the then Mining Surveyor was
  2,762ozs of gold from mining 11,764 tonnes of ore at 7.3 g/t Au average grade.
- 1931 to 1932 Previous exploration at North Kingston EL was undertaken by BHP/WMC under joint ventures with Southern Continental, Hume Mining and Platsearch. BHP commenced exploration at the North Kingston EL by sinking a shallow prospecting shaft 25 metres northeast of the Old Kingston Mine shaft.
- **1986 to 1989** Western Mining Corporation (WMC) recognised the potential for high-grade mineralisation in quartz reefs. The Kingston Landsborough trend has gold occurrences in outcropping areas, making this

magnetic trend a favourable corridor for hosting gold deposits. Previous drilling by Hume Mining and WMC has intersected **1m at 15.4 g/t** and **2m at 24.8 g/t Au** – outside the Kingston Mine area.

 1980s – WMC Limited drilled 213 holes totalling 10,312m around the old Kingston Mine. This resulted in significant gold drill results – 8m @ 23.0 g/t Au from 28m in KINC6 – 9m @ 40.5 g/t Au from 78m in KINC58.





#### Kingston Gold Project – Overview – continued

- 2002-2010 Range River Gold Limited undertook a program of geological mapping, rock chip sampling and drilling. The best drilling results were 5m @ 12.6 g/t Au from 63m in hole KNGC6; 6m @ 5.8 g/t Au from 52m in hole KNGC4; and 5m @ 4.3 g/t Au from 77m in hole KNGC2.
- 2012 Navarre Minerals Limited which held the concession at the time announced drill results of 16.9m at 5.5 g/t Au from a depth of 65.7m down-hole, including 3.1m at 29.5 g/t Au. Visible gold was identified between 65.7m and 65.9m down-hole within a quartz breccia on the hanging wall side of a quartz lode structure.
- March 2019 Starwest Drilling drilled four holes for the current owners near the Old Kingston Mine site. Holes SWK001 to 4 to a depth of 70 to 80m with results up to 24.27 g/t Au.
- March 2020 The Resolution Lode drilling detected gold extending over 300m in depth which may continue further near the Coongee fault, in the Irvine Gold Prospect (on our Western border).





## **Kingston Gold Project – Objectives**

- The company's objective is to explore for larger zones of gold mineralisation.
- The target area has an extent of approximately 2 km of strike compared to the 160 metres of strike tested by recent drilling at the historic Kingston shaft area.
- The extent of historic workings and gold and soil geochemical anomalies will be pursued.
- The project is in late stage exploration and has a significant amount of quality data, and prospectivity.
- With COVID-19 restrictions going down in Australia and summer approaching timing is very good.



Mineshafts on Kingston Exploration Licence (Left) and quartz contained in breccia (Right)



# Share Structure – May 2021

POSSIBLE	SUADES		
PROCEED	SHARES		
	156,367,909		SUED AND OUTSTANDING
\$ CAL	WARRANTS	PRICE	EXPIRY DATE
1,875,000	15,625,000	0.12	29-Jan-23
600,000	4,000,000	0.15	14-Jan-26
1,936,600	19,366,000	0.10	1-Dec-20
2,226,667	27,833,333	0.08	18-Aug-21
1,515,947	12,632,889	0.12	27-Feb-22
680,000	6,800,000	0.10	17-Jul-21
6,959,213	86,257,222		
\$ CAI	OPTIONS	PRICE	EXPIRY DATE
49,333	616,667	0.08	11-Jan-26
180,000	2,250,000	0.08	7-Jan-26
86,250	1,150,000	0.075	2-Oct-25
179,550	2,565,000	0.07	25-Aug-25
60,000	500,000	0.12	23-Sep-24
313,000	3,130,000	0.10	23-Jul-24
200,000	1,000,000	0.20	17-Aug-23
208,000	1,040,000	0.20	24-Nov-22
609,700	670,000	0.91	24-Nov-22
35,000	175,000	0.20	25-Aug-22
22,000	110,000	0.20	14-Feb-22
102,000	150,000	0.68	14-Feb-22
30,000	100,000	0.30	8-Nov-21
53,750	215,000	0.25	7-Oct-21
24,750	165,000	0.15	12-Aug-21
1,924,000	13,836,667		
8,883,213	256,461,798		FULLY DILUTED



# **MANAGEMENT** Experienced Exploration & Development Team



#### **Experienced Management Team**

#### Martyn Element – Chairman of the Board, Director

- Founder and President of Element & Associates primarily focused on sourcing capital globally and advising companies worldwide with a proven track record of success. Has raised over \$500 million for the public and private companies he worked with.
- Cultivated extensive network and developed strong working relationships with brokerage firms, specialized funds and high net worth individuals around the world – for private and public equity financings.
- Was responsible for successfully advising 17 and listing 12 Australian public companies in Canada.
- Prior to forming Element and Associates in 1989, he gained experience in the public financial markets as a stock broker and subsequently as a director of corporate finance in Canada.

#### Phillip Thomas, BSc Geol, FAusIMM, MBusM, MAIG, MAIMVA, (CMV) – President & CEO

- Has spent the past 10 years exploring for gold in Canada, USA, Peru, Argentina and Australia. He is a member of the Victorian Gold
  Professionals Interest Committee and has worked on mesothermal and orogenic gold deposits.
- Chairman and CEO, Arrowstar Resources, 2012-2014 explored Tin Cup gold mine in Arizona, The Aztec gold Mine in Nasca Peru and Julian Gold Mine in California in addition to appraising a gold mine in Peru for AIS Resources.
- Most recently Phil has been involved in exploring and acquiring properties in Australia after optioning a gold mine in Peru pre Covid 19.
- Experienced Geologist both in the field and has written bankable feasibility studies and proven and probable resource estimates and two NI43-101 reports and several JORC reports.
- Has significant investment banking experience holding senior executive/director roles with Macquarie Bank, ABN-Amro, McIntosh Securities and actuaries Watson Wyatt.
- Member of the Australian Institute of Geoscientists, Australasian Institute of Mineral Valuers and Appraisers, a board director, Certified Mineral Valuer. He has a BSc, Geology from the Australian National University, a MBM from Monash University and Certificate in Financial Planning. He has attended numerous advanced courses in geology technology, geophysics and resource evaluation and many Australian gold conferences. He has renewed his JORC qualifications.



#### **Experienced Management Team** (continued)

#### Denis M. Walsh, Chief Geologist, BSc, MAIG

- He is integral to the success and future development of AIS' Fosterville-Toolleen, Yalgogrin and Kingston properties.
- Has deep experience exploring the Lachlan Fold Belt Victoria and NSW for gold, silver, copper, platinum, nickel/cobalt/scandium.
- Previously Denis was the Senior Contract Exploration Geologist with Kirkland Lake Gold.

#### Dr. Rod Boucher, BSc Geol, PhD Geol, Advisory Board Member

- Toolleen vendor and world-class Victorian goldfields geologist living in Bendigo.
- Since 1997 working on turbidite-hosted gold deposits at Fosterville, Bendigo, Ballarat and numerous smaller deposits.
- Specialist in grass-roots exploration, including mapping, geophysics, geochemistry, drilling.

#### Stewart Govett, Geological Advisor / Consultant

- Specialist in gold mining and exploration in central Victoria, both undercover and Paleozoic basement.
- Kingston area experience, worked on Lockington. Commodity exposure and experience include orogenic (disseminated and mesothermal), epithermal gold/silver, VMS, and mineral sands.

#### Kiki Smith – CFO, CPA CGA, Director

- Over 20 years experience assisting private and public companies in the roles of accountant, corporate controller and chief financial officer in mining, oil and gas, real estate, high technology, food production, and investment fund management.
- Member of the Chartered Professional Accountants of British Columbia with Bachelor degree in economics.

#### Anthony Balme – FCA Independent Director

- An active participant in a number of public and private ventures with a focus on early stage opportunities in the resource sector.
- He is the Chairman of Carter Capital Ltd., Lymington Underwriting (insurance) and Alton Resource Corporation.
- In the public sector, he is Chairman of Forum Energy Metals listed on the TSX and formerly of Ortac Resources listed on the AIM.



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