



### **Important Information**



#### **Competent Persons Statement**

The information in this presentation that relates to exploration results is based on information compiled by or under the supervision of Mr Todd Axford and Mr. Stephen Hyland both of whom are members of the Australian Institute of Mining and Metallurgy (AusIMM) and are consultants of Alt Resources Limited. Mr Axford and Mr Hyland both have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity they are undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code 2012). Mr Axford and Mr Hyland both consent to the inclusion in this document of the information in the form and context in which it appears.

#### **Bottle Creek Gold Mine**

The historical exploration results pursuant to the Bottle Creek Gold Mine contained herein have now been validated and reported in accordance with the JORC 2012 Mineral Code and a Competent Person has undertaken sufficient work to disclose the historical exploration results in accordance with the JORC 2012 Mineral Code. Nothing has come to the attention of the Company that causes it to question the accuracy or reliability of the historical exploration results obtained from the Western Australian Mines Department. The Company has independently validated the historical exploration results by twinning multiple historical drill holes and therefore the results are now to be regarded as being compliant under the JORC 2012 Mineral Code and the Company is adopting those historical results in resource estimation.

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Certain statements contained in this presentation, including information as to the future financial or operating performance of Alt Resources Ltd (ASX:ARS) and its projects, are forward-looking statements. Such forward-looking statements: are necessarily based upon a number of estimates and assumptions that, whilst considered reasonable by Alt; are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements; and may include, among other things, statements regarding targets, estimates and assumptions in respect of metal production and prices, operating costs and results, capital expenditures, ore reserves and mineral resources and anticipated grades and recovery rates, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions. Alt disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and other similar expressions identify forward-looking statements. All forward-looking statements made in this presentation are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. Some of the risks associated with Alt Resources are set out in its Prospectus dated January 2014.

### **Contents**



1.	Executive Summary	4
2.	Company Overview	5
3.	Overview of Projects	7
4.	Board & Management	16
5.	Development Timeline	17
6.	Why Invest?	18
7.	Contacts	19
	Appendix 1: Bottle Creek Acquisition Terms	20
	Appendix 2: Segulia Case Study	21

### 1. Executive Summary



#### **Alt Resources:**

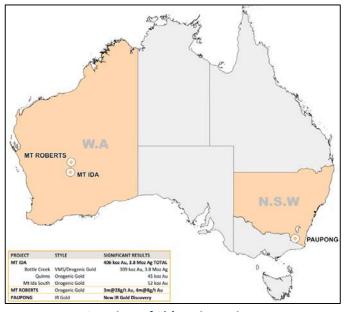
- Active Australian gold exploration and development company
- \* Acquired rights to the Bottle Creek Gold Project November 2017
- Mine produced 93,000oz Au in 18 months before closing in 1989
- Focused on growing Resources and bringing Bottle Creek back into production

# Rapid Resource Growth:

- In eleven months, Alt has grown its Resource base at Mt Ida to 406,000oz Au and 3,780,000oz Ag
- Measured and Indicated Resources represent 78% of the total
- Resources produced at a discovery cost of \$9.80 per ounce

# Near Term Development:

- ☑ Maiden Resource Bottle Creek Q3-2018
- ☑ Resource Upgrade Bottle Creek Q4-2018
- ☑ Second Resource Upgrade Bottle Creek Q1-2019
- ☑ Stage 1 Pit Optimisation Q1-2019
- ✓ Preliminary Plant Design Q1-2019
- ☐ Stage 2 Pit Optimisation Underway
- ☐ Maiden Ore Reserve Statement Underway
- ☐ Detailed Plant Design Underway
- ☐ Pre Feasibility Study Pending



Locations of Alt's major projects.



VB Pit Bottle Creek Gold Mine.

### 2. Company Overview



#### Large and Strategic Landholding:

- Bottle Creek, WA Option to Buy 100%
- Mt Ida South & Quinn's, WA 80 to 100%
- Paupong, NSW 70% with option to buy 100%.
- ♦ Mt Roberts, WA 51% with option to buy 80%

# Board of Directors:

- William Ellis, Executive Chairman
- \* Andrew Sparke, Executive Director
- Neva Collings, Non-Executive Director
- Elissa Hansen, Company Secretary

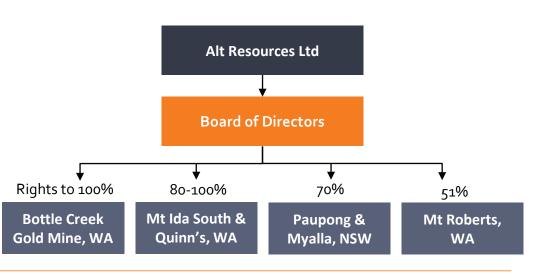
# **Key Management:**

- James Anderson, Chief Executive Officer
- \* Hamish Grant, Mt Ida Project Manager

#### **Key Statistics:**

ASX Code:	ASX:ARS	
Shares on Issue:	260,183,411	
Options on Issue:	30,557,580	
Cash at Bank (31/12/18):	\$518,000	
Debt:	Nil	
Market Capitalisation (15/03/19):	\$7.5 million	

#### **Corporate Structure:**

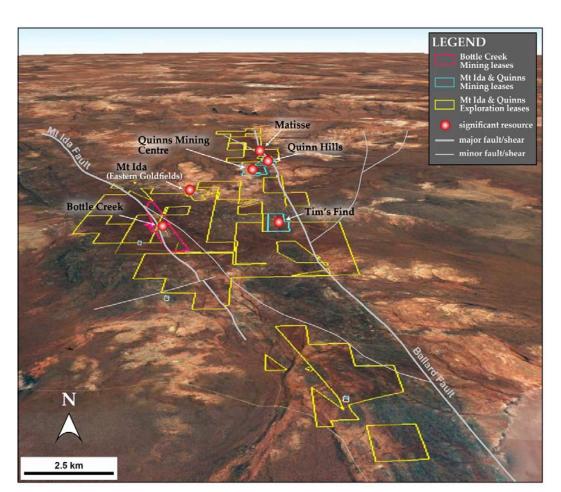


### 2. Company Overview (Cont)



# **Growth Strategy**

- Grow Resources base
- Convert Resources to Reserves
- Assess complementary acquisition
- Fast-track to production



Bottle Creek and Mt Ida projects in Western Australia

### 3. Overview of Projects

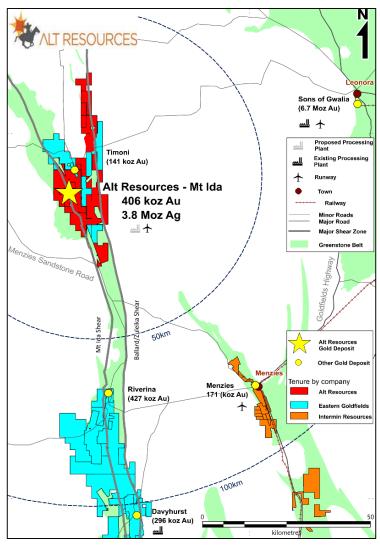


#### **Geology:**

- Located at northern end of Mt Ida-Ularring greenstone belt
- Gold and silver mineralisation is hosted in carbonaceous, sulphidic shales within a larger package of interbedded basaltic volcanics within the crustal-scale Mt Ida Shear Zone
- The area is tightly folded and metamorphosed, with intrusion of younger dolerite dykes

# Regional Deposits:

- Other known gold deposits in the region include:
  - Mt Ida Timoni deposit (Eastern Goldfields Ltd):
     Resource of 141,000oz Au (0.32Mt @ 13.8 g/t Au)
  - Riverina deposit (Eastern Goldfields Ltd):
     Resource of 427,000oz Au (6.12Mt @ 2.2 g/t Au)
  - **Menzies project** (Intermin Resources Ltd):
    Resource of 171,310oz Au (2.42Mt @ 2.20g/t Au)

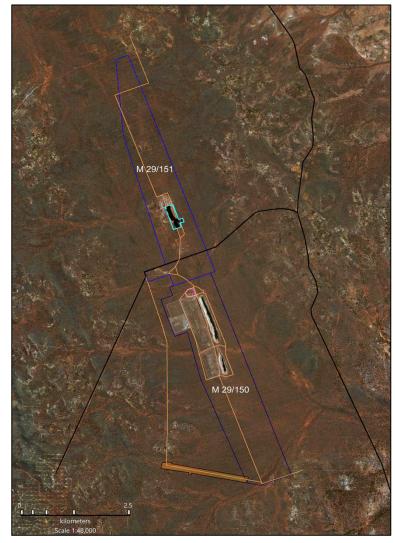


Alt's Mt Ida project tenure (Red) and regional deposits.



# History of Bottle Creek:

- Bottle Creek mined by Norgold Ltd, a subsidiary of Rio Tinto, between 1988 and 1989
- Produced 93,000oz Au from two open pits, VB and Boags, in 18 months of operation
- The pits were mined to 50m depth and averaged 3.26g/t Au at VB and 2.65g/t Au at Boags
- Processed through a CIL/CIP treatment plant
- RFDS airstrip constructed on site
- The plant was removed by Norgold during extensive mine rehabilitation in the 1990's
- Alt moving forward to developing a treatment plant at Bottle Creek planned to commence production within two years

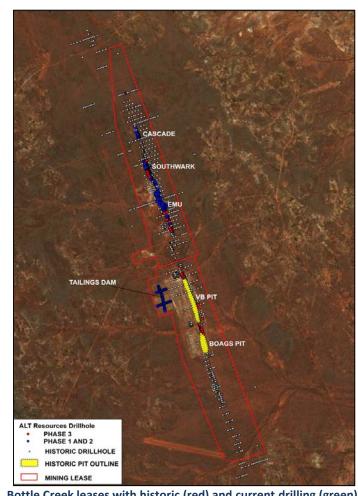


Bottle Creek gold project mining leases and airstrip



#### Rapid Resource **Growth:**

- 68,000 metre historical drilling database provides leverage to rapid Resource growth
  - ✓ On 16 August 2018, Alt announced a maiden JORC Inferred Resource of 109,500oz Au and 650,000oz Ag at Bottle Creek<sup>1</sup>
  - ✓ On 18 October 2018, Alt announced a JORC Inferred Resource upgrade at Bottle Creek of 50,000oz Au and 246,000oz Ag<sup>2</sup>
  - ✓ On 13 March 2019, Alt announced a JORC Measured, Indicated and Inferred Resource upgrade at Bottle Creek of 149,000oz Au and 2,880,000oz Ag<sup>3</sup>
- The Mt Ida combined Measured, Indicated and Inferred Resource is now **6.8Mt @ 1.85g/t Au for 406,000oz Au &** 5.6Mt @ 21.1g/t Ag for 3,780,000oz Ag<sup>3</sup>
- Measured and Indicated Resources for the project now stand at 78%



Bottle Creek leases with historic (red) and current drilling (green).

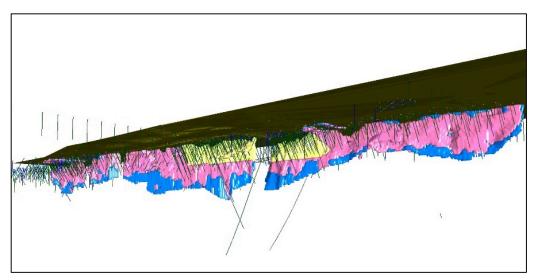
https://www.altresources.com.au/wp-content/uploads/2018/08/Maiden-Gold-Resource-for-Emu-and-Southwark-increases-Bottle-Creek-Gold-Project-to-206800oz.pdf 2https://www.altresources.com.au/wp-content/uploads/2018/10/ASX\_ARS-Resource-Upgrade-at-Bottle-Creek-18Oct18.pdf

³https://www.altresources.com.au/wp-content/uploads/2019/03/Mt-lda-Resource-Upgrade\_13Mar19.pdf

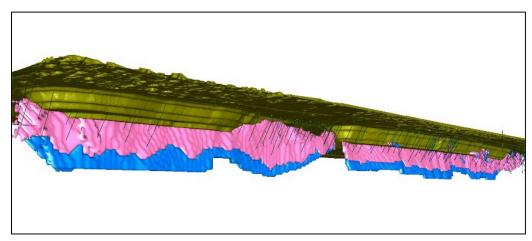


#### **Overview:**

- The Mt Ida gold project consists of the Bottle Creek, Mt Ida South and the Quinns Mining projects
- Mt Ida has a combined JORC 2012 Resource of Measured, Indicated and Inferred Resources of 6.8Mt @ 1.85g/t Au for 406,000oz Au & 5.6Mt @ 21.1g/t Ag for 3,780,000oz Ag¹
- 5.0Mt @ 1.95g/t for 316,000oz Au plus 5.0Mt
   @ 21.1g/t for 2.7Moz Ag are in the Measured and Indicated JORC 2012 categories<sup>1</sup>
- Planned Bottle Creek treatment plant has been designed at 500,000 tonne per annum capacity
- Processing 62 tonne per hour CIL treatment plant with carbon stripping onsite



Block model of Measured, Indicated and Inferred resources for Emu and Southwark deposits



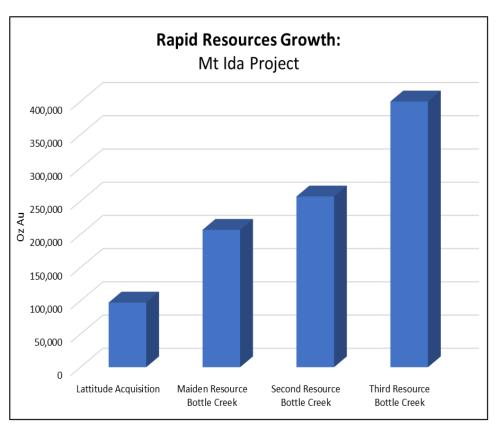
Block model of Indicated and Inferred resources for VB and Boags deposits

 ${\it $^1$} https://www.altresources.com.au/wp-content/uploads/2019/03/Mt-lda-Resource-Upgrade\_13Mar19.pdf.$ 



#### Rapid Resource Growth:

- Resource produced within 11 months of drilling commencing at Bottle Creek
- \* Average discovery cost of \$9.80 per Resource ounce
- Current Resources from 3.8km of an 11km mineralised trend
- Extensive historic and current drill database reduces geological risk and allows Alt to fast-track resource growth
- Drilling to continue throughout 2019 to test extensions and follow up new targets generated from historic drilling
- Resource drilling at the Quinns project to start in May 2019
- Exploration drilling at Shepherds Bush to start in May 2019

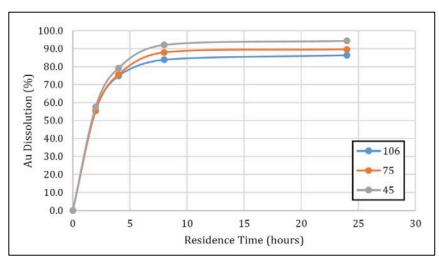


Graph showing Resource growth at Alt's Mt Ida Project.

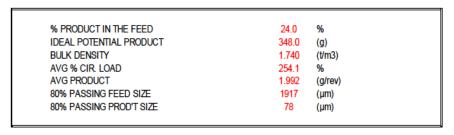


# Metallurgical Test work:

- Metallurgical test work recovers **93.1% gold and 65% silver** using conventional cyanide leach processing on the Emu and Southwark oxide material<sup>1</sup>
- An optimum grind size of 80% passing 60 micron to be used in operations
- Metallurgical testwork completed at a range of grind sizes from 80% passing 106 micron to 80% passing 45 micron
- Rapid leach kinetics for both gold and silver after first 12 hours using existing site water
- Bond ball mill Work Index of 10.6 is in line with historical mining records for Bottle Creek where 10.9 was recorded
- Cyanide and lime consumption in line with existing WA CIP plant operations



Gold Dissolution vs Time (Source: AMML Report dated 5/2/19).



BOND BALL MILL WORK INDEX (Kilowatt hours/dry tonne): 10.6

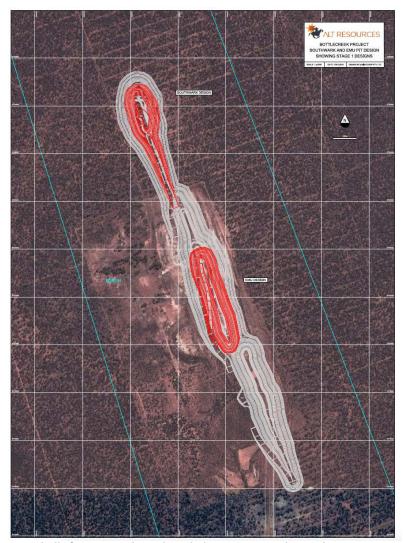
**Bottle Creek Ore Ball Mill Work Index** 

¹https://www.altresources.com.au/wp-content/uploads/2019/02/ARS-Mettalurgical-Results-and-Capital-Update-7Feb19.pdf.



# **Stage One Pit Shell Design**

- Stage one pit shell design is now complete for the Emu and Southwark deposits
- The pit shell has been designed as open pit mining of the oxide zone down to 90 meters
- An estimated stripping ratio of 8:1
- Pit optimisation is currently underway
- Mining benches are expected to be released in Q2-2019
- Mine plan is being designed
- Maiden ore Reserve statement due in Q2-2019

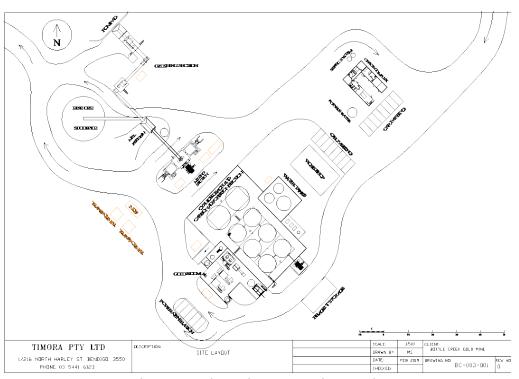


Pit shells for Emu and Southwark deposits at Bottle Creek.



# Preliminary Plant Design:

- Alt has commenced a pre feasibility study for a mining operation at Bottle Creek
- It is proposed that a CIP plant is located on the Bottle Creek Mining leases
- Mr. William Flannery of Timora Pty Ltd to design and manage procurement of the treatment plant
- Since December 2018 Alt has completed:
  - ✓ A metallurgical study
  - ✓ Preliminary pit optimisation study
  - Preliminary treatment plant design and costings
  - ✓ Tailings storage facility study
- The plant design is for two stage crushing, two stage milling, cyanidation leach, carbon adsorption, carbon stripping and smelting to produce gold and silver dore



Preliminary Bottle Creek treatment plant CIP plan.

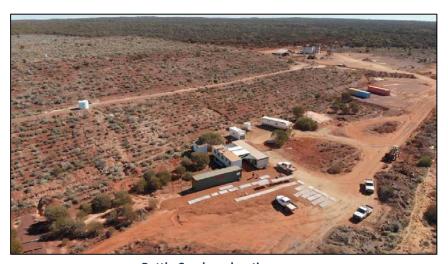


# **Existing Mining Infrastructure:**

- \* Roads: Bottle Creek is accessed via sealed and all weather gravel roads
- Power: Power is accessible via an onsite diesel generator
- Water: Potable water is accessible via an existing bore field
- Communications: The site has access to the NBN providing fast internet and phone services
- \* Airstrip: Bottle Creek has an RFDS certified airstrip located onsite
- Tailings Dams: The project has two existing tailings dams plus approval for a third
- \* Recent Drill Database: Recent drilling from Bottle Creek includes ~20,000 meters of Alt drilling
- Historical Drill Database: ~68,000 meters of drilling by Electrolytic Zinc and Norgold
- **Exploration Camp:** An extensive exploration camp with modern amenities



**Bottle Creek RFDS airstrip** 



**Bottle Creek exploration camp** 

### 4. Board & Management





**Mr William Ellis** 

**Executive Chairman** 

- Mr Ellis is a graduate of the University of Melbourne and is a founder of the Company.
- Mr. Ellis has practiced as a public accountant for over forty years.
- Mr. Ellis is a member of the Institute of Public Accountants and holds a Bachelor of Commerce.



**Mr James Anderson** 

**Chief Executive Officer** 

- Mr. Anderson is a founder of the Company and has Senior Management experience in logistics and operational management.
- Mr. Anderson has oversight of the Company and is responsible for all operations.
- Mr. Anderson has been instrumental in negotiating the acquisition of the Company's asset portfolio.



**Mr Andrew Sparke** 

**Executive Director** 

- Assisted numerous ASX listed companies with capital raisings and corporate transactions.
- Director of a number of public and private companies including Olive Capital Pty Ltd.
- Mr. Sparke holds a Bachelor of Business (Marketing) and is a graduate member of the Australian Institute of Company Directors.



#### **Ms Neva Collings**

Non-Executive Director

- Ms. Collings is a practicing solicitor with a Masters in environmental law and is a founder of the Company.
- Ms. Collings provides assistance in government regulatory approvals for exploration activity and environmental management.
- Ms. Collings is a member of the Australian Institute of Company Directors.



Ms Elissa Hansen

**Company Secretary** 

- Experience in advising boards on corporate governance, compliance and investor relations.
- Chartered Secretary with strong governance and compliance skills.
- Director and/or Company Secretary of a number of public, listed and private companies.



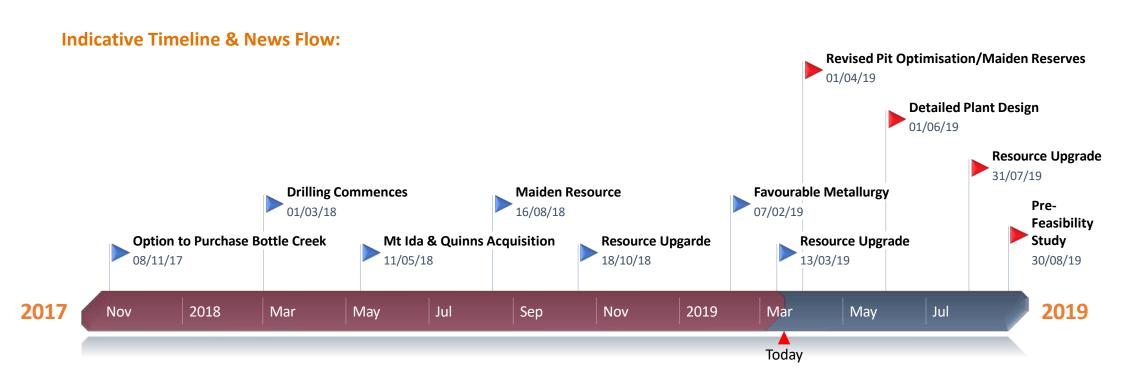
#### **Hamish Grant**

**Project Manager** 

- Mr Grant is an experienced exploration geologist with approximately 10 years experience working on gold, copper and iron ore projects in Australia and Cambodia.
- Mr Grant is a graduate of the Otago University and holds a Bachelor of Science Geology.

### 5. Development Timeline





Note: This timetable above is indicative only and is subject to change without notice.

### 6. Why Invest?



#### Why Invest?

- Large and strategic landholding in the prolific Mt Ida gold belt
- Attractive valuation relative to peers
- Several positive pricing catalysts in the near term
- Large and growing Resource base
- Strong news flow from rapid development strategy
- Experienced management team with track record of generating shareholder returns

An opportunity to share in our exciting future...



Picture of diamond core from recent drilling at Bottle Creek.



Picture showing Alt's Bottle Creek Gold Mine.

#### 7. Contacts



#### For more information please contact:



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Andrew Sparke DIRECTOR

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e andrew@olivecapital.com.au

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### **Appendix 1: Bottle Creek Acquisition Terms**



# **Bottle Creek Acquisition:**

- \* Alt Resources entered into a 12 month option to acquire the Bottle Creek Gold Mine on 8 November 2017
- On 28 November 2018, Alt revised the terms of the Option to include:
  - 1. A cash payment of \$500,000 by 1 July 2019
  - 2. A cash payment of \$500,000 by 1 July 2020
  - 3. A cash payment of \$4,500,000 on 29 Nov 2020
  - 4. A royalty of 2.5% of gold produced from the Bottle Creek mining leases



RC rig drilling at the VB pit Bottle Creek



Picture inside the VB pit at the Bottle Creek Gold Mine.

### **Appendix 2: Seguila Case Study**



#### Comparing Séguéla & Mt Ida:

- On 11 February 2019, Roxgold (TSX: ROXG) announced an agreement with Newcrest to acquire the Séguéla gold project in Côte d'Ivoire for US\$30 million.<sup>1</sup>
- The below table compares Rox's Séguéla project with Alt's Mt Ida Project.

Company:	Rox Gold Inc	Alt Resources Ltd
Ticker:	TSX:ROGX	ASX:ARS
Valuation (A\$):	Sale Price \$42,253,521	Market Cap \$7,500,000
Project Name:	Séguéla Project	Mt Ida Project
Project Location:	Côte d'Ivoire, West Africa	WA, Australia
JORC Category:	100% Inferred <sup>2</sup>	78% Indicated & Measured <sup>3</sup>
JORC Resource:	0.43 Moz Au	0.41 Moz Au + 3.78Moz Ag
Grade:	2.3g/t Au	1.85g/t Au + 21.1g/t Ag
Tonnes:	5.8Mt	6.8Mt
Drilling Database:	117,000m	88,000m
Tenure:	3,298km2	360km2
Tenements:	11 exploration permits	6 mining licenses
Previous Production:	No	Yes
<b>Development Stage:</b>	Exploration	Exploration



Picture of recent drilling at the Emu deposit at Bottle Creek.



Picture of the Boags pit and tailings dam at Bottle Creek.

https://www.roxgold.com/news/news/press-release-details/2019/Roxgold-to-Acquire-the-Sgula-Gold-Project-in-Cte-dlvoire-and-Announces-Addition-to-Management-Team/default.aspx.

<sup>&</sup>lt;sup>2</sup>http://www.newcrest.com.au/media/quarterly\_reports/NCM\_Exploration\_Report\_Dec\_2017.pdf <sup>3</sup>https://www.altresources.com.au/wp-content/uploads/2019/03/Mt-lda-Resource-Upgrade 13Mar19.pdf





**Developing WA's Next Gold Producer...**