## ASX ANNOUNCEMENT Quarterly Report

For the period ending 31 December 2019

31 January 2020



## **HIGHLIGHTS**

## **Coburn Mineral Sands Project, Western Australia**

- Successful quarter sees Strandline take key steps towards development of its world-class Coburn mineral sands project in WA's Gascoyne-Mid West
- Strong progress made on project financing, offtake negotiations and construction contracts
- The Federal Government's Northern Australia Infrastructure Facility (NAIF) completed its strategic assessment of Coburn and has advanced into detailed due diligence for a senior debt facility
- NAIF provides access to up to \$5 billion of debt finance, which may be lent on concessional terms to support infrastructure development that generates public benefit for northern Australia
- Confirmatory metallurgical tests result in increased process recovery rates, enhanced product qualities and highlight an increase to the already-strong financial returns relative to the DFS-2019
- Non-binding proposal signed with Woodside and EDL for the development of a low-cost, lowemissions hybrid gas and renewable power solution
- With the DFS completed and key project approvals already in place (environmental, native title, mining and land access), Coburn is development-ready pending finalisation of project financing

### **Fungoni Mineral Sands Project, Tanzania**

- Finance documentation and conditions precedent continued associated with Nedbank's Creditapproved US\$26m Project Finance Facility to part-fund the construction of Fungoni
- Fungoni is Strandline's high-margin "starter" project in Tanzania, which will pave the way for a succession of mineral sands projects along the coastline of Tanzania
- Fungoni is ready for construction pending finalisation of project financing and several secondary-level government approvals

### Tajiri Mineral Sands Project, Tanzania

- JORC-compliant Mineral Resource Estimate of 268Mt @ 3.3% Total Heavy Minerals (THM) declared, underpinning Strandline's long-term production outlook in Tanzania
- Tajiri Resources are likely to grow further over time with Resources remaining open and analysis of assays from drilling at nearby Sakura produced strong results, with evaluation continuing

## Corporate

Cash on hand of A\$2.89 million and no debt as at 31 December 2019





Strandline Resources (ASX: STA) (**Strandline**, or the **Company**) is pleased to report on what was a highly successful December 2019 Quarter.

The key focus was advancing the Company's two zircon-titanium rich, 'development-ready' projects: the large Coburn Project in Western Australia and the Fungoni Project in Tanzania. In parallel, Strandline progressed exploration and evaluation activities across a series of high-grade targets spread along the highly prospective Tanzanian coastline, including the large-scale Tajiri Project in northern Tanzania.

## Coburn Mineral Sands Project – Western Australia

Following the completion of the Coburn Definitive Feasibility Study (**DFS**) issued mid-2019, Strandline continues to make strong progress towards project financing and construction readiness activities.

During the Quarter, Strandline announced that the Federal Government's Northern Australia Infrastructure Facility (NAIF) had completed its strategic assessment of Coburn and has advanced into the detailed due diligence phase for debt finance.

NAIF provides access to up to \$5 billion of debt finance, which may be lent on concessional terms to support infrastructure development that generates public benefit for northern Australia. It also seeks to encourage and complement private sector investment to further that objective.

Coburn is one of the largest, most advanced and capital-efficient undeveloped mineral sands projects in the world, with an exceptional zircon-titanium product suite and best-quartile revenue-to-operating cost ratio of 2.3. The project is situated in the well-established mining jurisdiction of Western Australia, close to key infrastructure and the dominant mineral sands market of Asia.

The Coburn DFS shows the Project will generate strong financial returns over an initial 22.5 year life of mine (LOM), with a pre-tax NPV of A\$551m (USD:AUD 0.72, 8% discount rate), an IRR of 32%, LOM revenue of A\$3.9b and EBITDA of A\$1.9b (average annual EBITDA of A\$86 million).

Coburn's JORC-compliant Ore Reserves underpin an initial 22.5-year mine life, with a further 15 years of potential production targets identified (titled "Mine Life Extension Case" with an expected total 38-year LOM).

The Mine Life Extension Case financial metrics include pre-tax NPV of A\$710m (USD:AUD 0.72, 8% discount rate), with revenue of A\$6.98b and EBITDA of A\$3.67b over 38 years.

During the quarter, Strandline also selected Woodside and EDL to provide a fully integrated energy solution to Coburn.

A non-binding proposal was signed for the development of a 27MW integrated trucked LNG, storage and power station facility, comprising gas and diesel backup generators combined with state-ofthe-art renewable generation and battery technology.

The Woodside and EDL Joint Venture (WEJV) was formed to provide clean, reliable and affordable LNG to market. This world-first trucked LNG to hybrid renewable microgrid project will see EDL bring its turnkey expertise to the Project's power station and LNG



Figure 1 Coburn Project recent field trip

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storage and re-gasification facilities, with LNG supplied from Woodside's Pluto LNG truck loading facility near Karratha, WA.

It is expected that contract documentation, in the form of a 15 year power purchase agreement, will be finalised over the coming months in readiness for the commencement of construction. The WEJV solution provides Strandline with a long-term, safe, reliable and highly efficient energy solution for Coburn.

During the Quarter, the Company conducted several field trips to the project site with potential financiers and investors as part of the finance due-diligence process.

Subsequent to the Quarter end, the Company announced more outstanding metallurgical test results which further strengthen the financial outlook, product offtake negotiations and funding strategy for the project. The latest tests included optimisation of equipment settings (no change to equipment selection from the DFS design) and attritioning of the feed material and have further validated that Coburn can efficiently deliver premium-quality mineral sands products using conventional processing technology.

It also demonstrates the scope to further increase recoveries and therefore production of the higher-value zircon and rutile final product streams. The process enhancements are expected to increase average annual project revenues relative to the Coburn DFS and support current offtake and funding activities. An updated financial evaluation will be released in due course as part of the current financing process.

The increase in pit-to-product recovery rates results in an increase to total average annual production and importantly, an increase to the higher-value premium zircon and rutile streams (as shown in the Table 1 and 2 below).

Table 1 Coburn Average Annual Production Per Final Product Stream

Product	Previous Average Annual Production (Apr-2019) (tonnes)	Updated Average Annual Production (Jan-2020) (tonnes)
Premium Zircon	32,000	34,000
Zircon Concentrate	58,000	54,000
Ilmenite	110,000	110,000
Rutile (HiTi)	20,000	24,000
Total	220,000	222,000

Table 2 Product Recoveries based on Latest Confirmatory Testwork

Product	WCP Recovery (%)	MSP Recovery (%) <sup>3</sup>		MSP Yield to saleat	le products (%)
	DFS-2019 Test Program <sup>2</sup>	DFS-2019 Test Program <sup>2</sup>	Confirmatory Test Program	DFS-2019 Test Program <sup>2</sup>	Confirmatory Test Program
Ilmenite	86.8	95.4	96.2	103.9	102.9
Rutile/HiTi <sup>1</sup>	87.7	70.9	84.7	77.0	95.2
Zircon	98.2	98.7	99.74	98.8	99.8

#### Notes:

<sup>&</sup>lt;sup>1</sup> Rutile/HiTi product contains rutile and leucoxene mineral species.

<sup>&</sup>lt;sup>2</sup> DFS-2019 Test Program: results from representative testwork program Allied Mineral Laboratories report Apr-2019 titled "Strandline Resources Coburn Bulk Ore Testwork", conducted as part of the DFS announced Apr-2019

<sup>&</sup>lt;sup>3</sup> MSP Recoveries are for actual mineral species

<sup>&</sup>lt;sup>4</sup> MSP zircon recovery comprises 58.3% into premium zircon and a further 41.4% into zircon concentrate as contained zircon

<sup>&</sup>lt;sup>5</sup> Actual yields into saleable products are higher due to contributions from other minerals





Engagement with leading mineral sands consumers continues in order to secure long-term offtake agreements. It remains evident that Coburn's zircon and titanium products are in high market demand for a range of highend applications including the large ceramics and pigment sectors.

The Company's immediate focus is now on securing major product offtake agreements and selecting its preferred construction partners and project financing structure.

For more information on the Coburn mineral sands project, refer to the ASX Announcement dated 16 April 2019 for details of the material assumptions underpinning the production target and financial results for the Coburn Project DFS, Ore Reserve and Mine Life Extension Case Scoping Study. The Company confirms that all the material assumptions underpinning the production target and financial results continue to apply and have not materially changed.

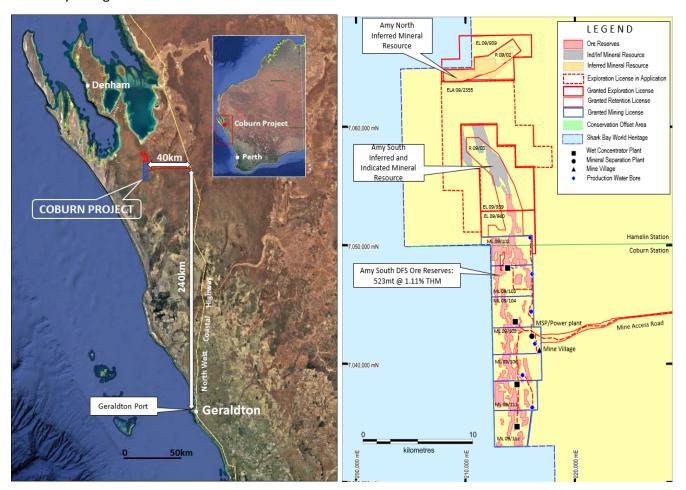


Figure 2 Coburn Project location Map

Figure 3 Coburn Tenement and Ore Reserve Outline

### **Fungoni Mineral Sands Project - Tanzania**

Fungoni is Strandline's 100%-owned, high-margin "starter" project in Tanzania, situated 25km from the port of Dar es Salaam. Development of Fungoni will pave the way for a succession of major mineral sands projects along the coastline of Tanzania, as well as establish a new industry in Tanzania. The project is based on a capital efficient and proven execution strategy, with a fixed price EPC contract signed with international contractor, GR Engineering Services, that underpins a 12-month build phase to first production.

Following the receipt of credit approval from Nedbank CIB for a five-year US\$26 million Project Finance Facility for the project, documentation of the Facility is nearing completion. The Facility accounts for the majority of Fungoni's total estimated capital cost of US\$35 million including taxes, levies and excluding financing costs (refer ASX release dated 17 June 2019).





The main areas of focus now rest with the finalisation of land access compensation and resettlement agreements, secondary-level government approvals (including, conforming documentation for the Tanzanian Government's 16% free carried interest in the project) and satisfying the equity shortfall. As part of this process, Strandline is engaging with international finance institutions interested in strategic equity investment (at Project and/or Company level). Subsequent to the Quarter end, the Tanzanian Government signed a landmark settlement agreement with Barrick Gold Limited which will assist in finalising the remaining government approvals required for the project.

The Fungoni DFS demonstrates strong financial metrics including project pre-tax NPV<sup>10</sup> of US\$48.7m (real, no debt), an IRR of 61% and LOM EBITDA of US\$115m (avg annual US\$18.5m), based on TZMI price forecast. The mining licence and environmental certificate have been granted by the Tanzanian authorities and there are a host of socio-economic benefits recognised with the project, including capital inflows to Tanzania, high local content, significant job creation, knowledge transfer and community engagement programs.

With key development approvals in place, 100 per cent of the product pre-sold via offtake, strong government support, major implementation contracts signed and project financing nearing completion, Strandline is well positioned to commercialise its first project in Tanzania and capitalise on the growing mineral sands market.

For more information on the Fungoni mineral sands project, refer to the ASX Announcement dated 06 October 2017 (Original DFS) and subsequent update on 01 November 2018 (Updated DFS) for details of the material assumptions underpinning the production target and financial results. The Company confirms that all the material assumptions continue to apply and have not materially changed.

## Tajiri Mineral Sands Project – Tanzania

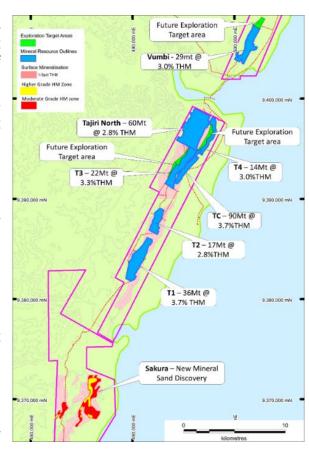
Strandline's 100%-owned Tajiri mineral sands project comprises a series of higher-grade mineral sands deposits stretching along 30kms of coastline in northern Tanzania, near the port city of Tanga.

As announced on 09 July 2019, Tajiri hosts a world-scale JORC-compliant Mineral Resource of 268Mt at 3.3% THM, containing 8.8Mt of Heavy Mineral, which includes in-situ rutile (580,000t), zircon (335,000t), ilmenite (5,206,000t) and almandine garnet (1,477,000t).

All Tajiri resources start from surface, with no overburden and contain large coherent high-grade domains comprising mostly high-value titanium-dominated mineral assemblage. The project is likely to continue to grow further over time with resources remaining open and Strandline has recently identified several highly prospective targets close to Tajiri (including the Sukura deposit situated some 10km south along strike).

The project shows the potential to underpin Strandline's strong production outlook in Tanzania for many years.

Tajiri now has the geological critical mass, robustness and market appeal to advance project feasibility, development approvals and partnering activities. Strandline has initiated strategic project reviews and partnering discussions and is now preparing to commence scoping feasibility study work.



**Figure 4** Tajiri Project Mineral Resources, showing a series of high value deposits from surface (plan view)



## Bagamoyo Project - Tanzania

The Bagamoyo tenements are located approximately 40km north of Dar es Salaam and close to the proposed Bagamoyo port development in Tanzania. Outstanding assays received from the maiden drilling program during the September 2018 Quarter confirm Bagamoyo as a major mineral sands discovery.

The Company has estimated a maiden Exploration Target at Bagamoyo comprising 78 to 156Mt at 3% to 4.5% THM (see ASX release dated 17 September 2018). Minor field activity was performed during the quarter and a further drill program is required to test the veracity of the Exploration Target.

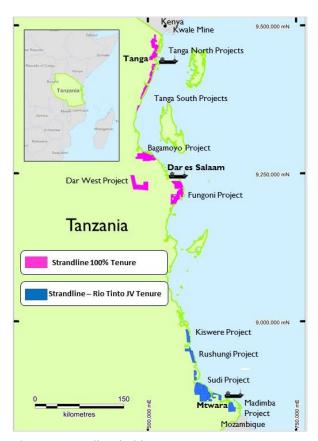
Strandline would caution the reader that the potential quantity and grade of the combined Exploration Target is conceptual in nature and there has been insufficient exploration to define a JORC compliant Mineral Resource. It is also uncertain if further exploration and resource development work will result in the determination of a Mineral Resource.

# Sudi Project – southern Tanzania - in Joint Venture with Rio Tinto

The Sudi and Rushungi projects forms part of the Earn-in and Joint Venture Agreement with Rio Tinto Mining & Exploration Limited (Rio Tinto) across the Company's suite of HMS tenements located in the southern region of Tanzania. The Joint Venture has enabled Strandline to accelerate exploration activities on the Project Area, with Rio Tinto contributing expertise and funding.

The Agreement with Rio Tinto provides funding support of up to US\$10.75 million (~A\$14.5 million) consisting of a two-stage earn-in plus cash payments. The Stage 1 earn-in commenced in June 2017 with Rio Tinto having the option to sole fund US\$5 million of exploration within 3.5 years to earn a 51% interest in the joint venture, including a minimum JV commitment of US\$2 million by the 21 August 2019.

Stage 2 involves an option to incur a further US\$4 million expenditure within 2 years to earn an aggregated 75% interest (see ASX announcement 26 June 2017 and 26 April 2017). At the end of the Quarter, US\$2.19 million development expenditure had been incurred and a Joint Venture review of exploration results received to date continues.



**Figure 5** Strandline holds a strategic tenure position stretching over 350km down the Tanzanian coastline

## **Fowlers Bay Nickel-Gold Project**

Exploration activities are being funded by Western Areas Limited (ASX: WSA) (Western Areas), which covers Strandline's 700km2 Fowlers Bay Project in the Western Gawler region of South Australia. Western Areas have earned a 90% interest in the Farm-in and Joint Venture Project after meeting the Stage 2 earn-in and expenditure requirement of \$1,200,000. No material work was completed during the quarter.



#### **CORPORATE**

#### Cash

Consolidated cash on hand was A\$2.89 million as at 31 December 2019.

#### Equity

During the Quarter the Company issued 667,449 fully paid ordinary shares through the vesting of 323,025 Performance Rights and 344,424 shares issued in accordance with the Short Term Incentive Plan. Performance Rights of 3,941,124 expiring on 15 August 2022 were granted to Key Management Personnel under the Company's Long Term Incentive Plan

Table 3 Strandline Capital structure

Class of securities	Number
Fully paid ordinary shares	372,820,821
Unlisted performance rights expiring 15/08/20	9,535,105
Unlisted performance rights expiring 15/08/21	5,462,567
Unlisted performance rights expiring 15/08/22	3,941,124

#### 2019 Annual Report and Annual General Meeting

The Company's Annual General Meeting was held at the offices of BDO Australia at 38 Station Street, Subiaco, Western Australia, 6008 on Thursday 28 November 2019 at 12:30pm. The results of the meeting were released on the ASX on the 28 November 2019 with all resolutions passed on a show of hands.

## **KEY ACTIVITIES PLANNED FOR MARCH 2020 QUARTER**

During the March 2020 Quarter, the Company plans to advance exploration and development activities across its portfolio of mineral sands projects in Australia and Tanzania. Key planned activities include:

- Coburn project: advance project financing and pre-execution activities, including procurement of major construction and operations contracts, offtakes, debt financing and strategic partner arrangements;
- Fungoni project: finalise Project Finance Facility documentation with Nedbank CIB and work to satisfy conditions precedent to Financial Close;
- Tajiri project: progress strategic project reviews and prepare to advance feasibility evaluation and project permitting activities; and
- Southern Tanzania projects in JV with Rio Tinto: progress exploration and geological evaluation activities.

This announcement is authorised for release by Luke Graham, Managing Director and CEO.

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### **ABOUT STRANDLINE**

Strandline Resources Limited (**ASX: STA**) is an emerging heavy mineral sands (**HMS**) developer with a growing portfolio of 100%-owned development assets located in Western Australia and within the world's major zircon and titanium producing corridor in South East Africa.

Strandline's strategy is to develop and operate high margin, expandable mining assets with market differentiation and global relevance.

Strandline's project portfolio contains high quality assets which offer a range of development options and timelines, geographic diversity and scalability. They include two zircon-titanium rich, 'development ready' projects, being the Fungoni Project in Tanzania and the large Coburn Project in Western Australia, as well as a series of titanium dominated exploration targets spread along the highly prospective Tanzanian coastline, including the advanced and large scale Tajiri Project in northern Tanzania.

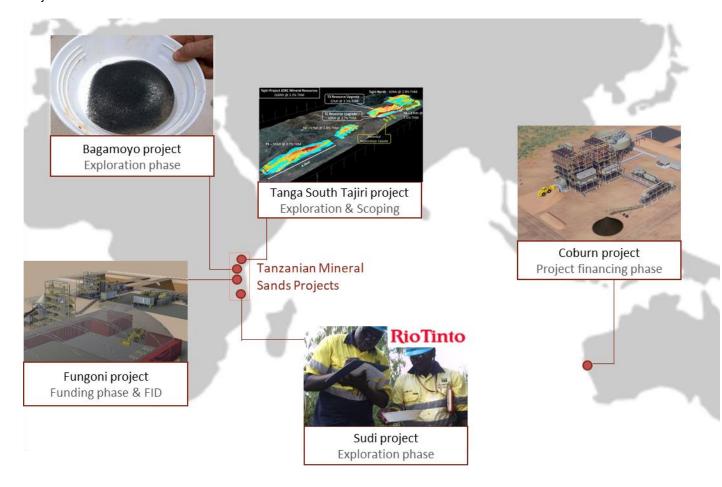


Figure 6 Strandline's world-wide mineral sands exploration & development projects



### **ANNEXURE A – MINERAL RESOURCE DATA**

MINERAL RESOURCES – The Company's mineral resource estimates and ore reserves are summarised in the tables below.

Table A Mineral Resource Statement for Fungoni at May 2017

	MINERAL RESOURCE SUMMARY FOR FUNGONI PROJECT									
Su	mmary of M	ineral Reso	urces <sup>(1)</sup>			VHM assem	blage <sup>(2)</sup>			
Deposit	Mineral Deposit Resource Tonnage In situ HM Ilmenite Rutile Zircon Leucoxene Category					Slimes	Oversize			
		(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
FUNGONI	Measured	8.77	0.4	4.3	43.3	4.3	18.3	1.0	19	7.0
FUNGONI	Indicated	12.97	0.2	1.8	36.7	4.3	14.6	1.4	24	7.0
	Total <sup>(3)</sup>	21.74	0.6	2.8	40.7	4.3	16.9	1.2	22	7.0

#### Notes:

- (1) Mineral Resources reported at a cut-off grade of 1.0% THM
- (2) Valuable Mineral assemblage is reported as a percentage of in situ THM content
- (3) Appropriate rounding applied

Refer ASX announcement 2 May 2017 for full details of the Fungoni Mineral Resource Estimate. Mineral Resources were converted to Ore Reserves in accordance with the JORC Code 2012 Edition based on the pit designs, recognising the level of confidence in the Mineral Resource Estimation, and reflecting modifying factors. Refer ASX announcement 6 October 2017 for full details of the Fungoni Ore Reserve statement.

Table B Ore Reserve Statement for Fungoni Project at October 2017

ORE RESERVES SUMMARY FOR FUNGONI PROJECT								
Deposit	Reserve Category	Ore	Slimes		Heavy I	Mineral		
		(Mt)	(Mt)	(%)	In Situ HM (kt)	THM (%)		
FUNGONI	Proved	6.9	1.2	18	341	4.9		
FUNGONI	Probable	5.4	1.0	19	138	2.6		
	Total*	12.3	2.3	19	480	3.9		

<sup>\*</sup>Note totals may deviate from the arithmetic sum due to rounding.

Table C Tanga South (Tajiri) Project Mineral Resource Estimate (July 2019)

Summary	ummary of Mineral Resources (1) THM Assemblage (2)											
Donosit	THM %	Mineral Resource	Tonnage	Insitu HM	THM	SLIMES	OS	Ilmenite	Zircon	Rutile	Leucoxene	Garnet
Deposit	cut-off	Category	(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
T3	1.70%	Measured	19	0.6	3.4	37	6	64	4	7	0	5
TC	1.70%	Measured	55	1.9	3.5	23	10	42	2	5	0	38
		Total	74	2.5	3.4	27	9	48	3	5	0	30
Tajiri T1	1.50%	Indicated	36	1.3	3.7	34	4	71	6	10	0	3
Tajiri North	1.70%	Indicated	60	1.7	2.8	47	4	75	4	6	1	1
T2	1.70%	Indicated	17	0.5	2.8	32	11	58	4	7	0	18
T3	1.70%	Indicated	3	0.1	2.8	39	4	66	5	8	1	4
T4	1.70%	Indicated	14	0.4	3.0	24	6	61	4	8	0	12
TC	1.70%	Indicated	35	1.4	4.1	27	9	46	3	6	0	36
		Total	165	5.4	3.3	36	6	64	4	7	0	13
Vumbi	1.70%	Inferred	29	0.9	3.0	30	12	64	4	7	1	2
		Total	29	0.9	3.0	30	12	64	4	7	1	2
		<b>Grand Total</b>	268	8.8	3.3	33	7	59	4	7	0	17

#### Notes:

 $Refer\ to\ the\ ASX\ announcement\ dated\ 09\ July\ 2019\ for\ full\ details\ of\ the\ Mineral\ Resource\ estimate\ for\ the\ Tajiri\ Project.$ 

<sup>&</sup>lt;sup>1</sup> Mineral Resources reported at various THM cut-offs

<sup>&</sup>lt;sup>2</sup> Mineral Assemblage is reported as a percentage of insitu THM content

<sup>&</sup>lt;sup>3</sup> Appropriate rounding applied



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Table D Coburn Project JORC 2012 Global Mineral Resources - Amy South and Amy North

Ore <sup>(1)</sup>				Valuable HN	Valuable HM Grade (In-Situ) <sup>(2)</sup>					
Resource Category	Material (Mt)	In situ THM (Mt)	THM (%)	Ilmenite (%)	Rutile (%)	Zircon (%)	Leucoxene (%)	Slimes (%)	Oversize (%)	
Measured	119	1.5	1.3	45	5	24	6	3	6	
Indicated	607	7.7	1.3	48	7	22	5	3	3	
Inferred	880	10.4	1.2	49	7	21	4	3	1	
Total	1606	19.6	1.2	48	7	22	5	3	2	

#### Notes

- 1. Mineral Resources reported at a cut-off grade of 0.8% THM
- 2. Valuable Mineral assemblage is reported as a percentage of in situ THM content
- 3. Appropriate rounding applied

Table E Coburn Project JORC 2012 Ore Reserve Statement April 2019

ORE RESERVES SUMMARY FOR COBURN PROJECT							
Deposit	David College	Ore	Heavy I	Mineral			
	Reserve Category	(Mt)	In Situ HM (Mt)	THM (%)			
Coburn - Amy South	Proved	106	1.16	1.10			
Coburn - Amy South	Probable	417	4.66	1.12			
	Total <sup>1</sup>	523	5.83	1.11			

#### Notes:

1. Total may deviate from the arithmetic sum due to rounding

Refer to the ASX announcement dated 16 April 2019 for full details of the Ore Reserve and Mineral Resource estimates for the Coburn Project.

#### MINERAL SANDS COMPETENT PERSON'S STATEMENTS

The information in this report that relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr Brendan Cummins, Chief Geologist and employee of Strandline. Mr Cummins is a member of the Australian Institute of Geoscientists and he has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Cummins consents to the inclusion in this release of the matters based on the information in the form and context in which they appear. Mr Cummins is a shareholder of Strandline Resources.

#### **Tanga South Mineral Resources**

The information in this report that relates to Mineral Resources for Tanga South is based on, and fairly represents, information and supporting documentation prepared by Mr Greg Jones, (Consultant to Strandline and Geological Services Manager for IHC Robbins) and Mr Brendan Cummins (Chief Geologist and employee of Strandline). Mr Jones is a member of the Australasian Institute of Mining and Metallurgy and Mr Cummins is a member of the Australian Institute of Geoscientists and both have sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Specifically, Mr Cummins is the Competent Person for the drill database, geological model interpretation and completed the site inspection. Mr Jones is the Competent Person for the resource estimation. Mr Jones and Mr Cummins consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

#### **Fungoni Mineral Resources**

The information in this report that relates to Mineral Resources for Fungoni is based on, and fairly represents, information and supporting documentation prepared by Mr Greg Jones, (Consultant to Strandline and Geological Services Manager for IHC Robbins) and Mr Brendan Cummins (Chief Geologist and employee of Strandline). Mr Jones is a member of the Australasian Institute of Mining and Metallurgy and Mr Cummins is a member of the Australian Institute of Geoscientists and both have sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results. Mineral Resources and Ore Reserves. Specifically, Mr Cummins is the Competent Person for the drill database,



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geological model interpretation and completed the site inspection. Mr Jones is the Competent Person for the mineral resource estimation. Mr Jones and Mr Cummins consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

#### **Fungoni Ore Reserves**

The information in this report that relates to the Fungoni Ore Reserves are based on information compiled under the direction of Mr Adrian Jones. Mr Jones is a Member of the Australasian Institute of Mining and Metallurgy and is employed by AMC. Mr Jones has sufficient experience relevant to the style of mineralization and type of deposit under consideration to qualify as a Competent Person as defined in the JORC Code. Non-mining modifying factors for the Ore Reserve estimate are drawn from contributions provided by various sources. Significant contributors to this report are identified in Table 5 (ASX 6/10/2017) together with their area of contribution.

#### **Coburn Mineral Resources**

The information in this report that relates to Mineral Resources is based on, and fairly represents, information and supporting documentation prepared by Mr Greg Jones, (Consultant to Strandline and Geological Services Manager for IHC Robbins) and Mr Brendan Cummins (Chief Geologist and employee of Strandline). Mr Jones is a member of the Australasian Institute of Mining and Metallurgy and Mr Cummins is a member of the Australian Institute of Geoscientists and both have sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Specifically, Mr Cummins is the Competent Person for the provision of the drill database, and completed the site inspection. Mr Jones is the Competent Person for the data integration and resource estimation. Mr Jones and Mr Cummins consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

#### **Coburn Ore Reserves**

The information in this report that relates to the Coburn Ore Reserves is based on information compiled under the direction of Mr Adrian Jones. Mr Jones is a Member of the Australasian Institute of Mining and Metallurgy and is employed by AMC. Mr Jones has sufficient experience relevant to the style of mineralization and type of deposit under consideration to qualify as a Competent Person as defined in the JORC Code. Non-mining modifying factors for the Ore Reserve estimate are drawn from contributions provided by various sources. Significant contributors to this report are identified in Table 5 (ASX announcement 16/04/2019) together with their area of contribution.

#### Scoping Study Production Targets (No ore reserves declared)

The information in this report that relates to the Mine Extension Case Scoping Study is based on information compiled under the direction of Mr Adrian Jones. Mr Jones is a Member of the Australasian Institute of Mining and Metallurgy and is employed by AMC. Mr Jones has sufficient experience relevant to the style of mineralization and type of deposit under consideration to qualify as a Competent Person as defined in the JORC Code. Non-mining modifying factors for the production targets are drawn from contributions provided by various sources as stated in the Coburn Ore Reserve announcement dated 16 April 2019.

#### FORWARD LOOKING STATEMENTS

This report contains certain forward looking statements. Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside of the control of Strandline. These risks, uncertainties and assumptions include commodity prices, currency fluctuations, economic and financial market conditions, environmental risks and legislative, fiscal or regulatory developments, political risks, project delay, approvals and cost estimates. Actual values, results or events may be materially different to those contained in this announcement. Given these uncertainties, readers are cautioned not to place reliance on forward looking statements. Any forward looking statements in this announcement reflect the views of Strandline only at the date of this announcement. Subject to any continuing obligations under applicable laws and ASX Listing Rules, Strandline does not undertake any obligation to update or revise any information or any of the forward looking statements in this announcement to reflect changes in events, conditions or circumstances on which any forward looking statements is based.

+Rule 5.5

## **Appendix 5B**

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

### Name of entity

Strandline Resources Limited

ABN

Quarter ended ("current quarter")

32 090 603 642

31 December 2019

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(729)	(2,076)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs (net of exploration and evaluation allocations)	(415)	(802)
	(e) administration and corporate costs	(286)	(392)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	17	31
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and development refunds	-	-
1.8	Other (Rio Tinto receipts/JV contributions)	-	67
1.9	Net cash from / (used in) operating activities	(1,413)	(3,172)

2.	Cash flows from investing activities		
2.1	Payments to acquire:		
	(a) property, plant and equipment	-	(3)
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-

<sup>+</sup> See chapter 19 for defined terms

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<sup>1</sup> September 2016

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	-	(3)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares	-	-
3.2	Proceeds from issue of convertible notes	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of shares, convertible notes or options	-	(7)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	<u>-</u>	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	(7)

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	4,316	6,065
4.2	Net cash from / (used in) operating activities (item 1.10 above)	(1,413)	(3,172)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	(3)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	(7)
4.5	Effect of movement in exchange rates on cash held	(18)	2
4.6	Cash and cash equivalents at end of period	2,885	2,885

<sup>+</sup> See chapter 19 for defined terms 1 September 2016

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5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	802	264
5.3	Call deposits	2,050	4,000
5.4	Bank overdrafts	-	-
5.5	Other¹ (provide details)	33	52
5.6	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	2,885	4,316

<sup>&</sup>lt;sup>1</sup> Cash bank balance from Earn-in and Joint Venture Agreement with Rio Tinto.

6.	Payments to directors of the entity and their associates	Current quarter \$A'000	
6.1	Aggregate amount of payments to these parties included in item 1.2	-	
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-	
6.3	Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2		

7.	Payments to related entities of the entity and their associates	Current quarter \$A'000
7.1	Aggregate amount of payments to these parties included in item 1.2	16
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	

7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

Fees paid to MPH Lawyers and Artemis Management Tanzania, being director related entities

8.	Financing facilities available Add notes as necessary for an understanding of the position	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000		
8.1	Loan facilities	-	-		
8.2	Credit standby arrangements	-	-		
8.3	Other (please specify)				
8.4	Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.				

<sup>+</sup> See chapter 19 for defined terms

1 September 2016 Page 3

9.	Estimated cash outflows for next quarter	
9.1	Exploration and evaluation	566
9.2	Development	-
9.3	Production	-
9.4	Staff costs (net of exploration and evaluation allocations)	344
9.5	Administration and corporate costs	188
9.6	Other (Rio Tinto receipts/JV contributions)	<del>-</del>
9.7	Total estimated cash outflows	1,098

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	E 09/940 PL 10424/2014 PL 8123/2013	-	100%	0%
10.2	Interests in mining tenements and petroleum tenements acquired or increased	PL 11375/2019 PL 11376/2019		0%	100%

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<sup>+</sup> See chapter 19 for defined terms 1 September 2016

### **Compliance statement**

- This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.



Sign here: Date: 31 January 2020

(Company Secretary)

Print name: Flavio Garofalo

#### **Notes**

- 1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- 2. If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

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<sup>+</sup> See chapter 19 for defined terms

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## Additional Information Required by LR 5.3.3

## **Tenement Schedule**

PL 9427/2013	Tenement Number	Name/Location	Interest
PL 9976/2014			
PL 9980/2014   Kiswere South JV*   100%	PL 9427/2013		
PL 9969/2014		Tanga	
PL 9970/2014			
PL 10425/2014			
P.L. 10429/2014   Mkwaja			
PL 7321/2011	PL 10425/2014	Tanga North	
PL 10265/2014   Bagamoyo	PL 10429/2014	Mkwaja	
ML.580/2018	PL 7321/2011	Tajiri	100%
PL 7754/2012	PL 10265/2014	Bagamoyo	100%
PL 9951/2014	ML 580/2018	Fungoni	100%
PL 7686/2012	PL 7754/2012	Fungoni	100%
PL.7960/2012   Tongoni   100%   PL.8123/2012   Tongoni North   100%   PL.8123/2017 (formerly PL.11277/2016)   Naumbu JV*   100%   PL.11029/2017 (formerly PL.11400/2016)   Buyuni   100%   PL.11030/2017 (formerly PL.11401/2016)   Fungoni West   100%   PL.11076/2017 (formerly PL.11401/2016)   Fungoni West   100%   PL.11076/2017 (formerly PL.11282/2016 & Fungoni South   100%   PL.11076/2017 (formerly PL.11282/2016 & Bagamoyo   100%   PL.11076/2017 (formerly PL.11282/2016 & Bagamoyo   100%   PL.11265/2019 (Formerly PL.11270/2017)   Nachunyu RIO JV*   100%   PL.11265/2019 (Formerly PL.11270/2018)   Lindi North RIO JV*   100%   PL.11265/2019 (Formerly PL.11270/2018)   Kitunda RIO JV*   100%   PL.11267/2019 (Formerly PL.112769/2018)   Sudi West RIO JV*   100%   PL.11266/2019 (Formerly PL.11268/2017)   Rushungi South   100%*   PL.11266/2019 (Formerly PL.11268/2017)   Sudi East RIO JV*   100%   PL.11266/2019 (Formerly PL.11268/2018)   Sudi West RIO JV*   100%*   PL.11266/2019 (Formerly PL.11268/2018)   Sudi West RIO JV*   100%*   PL.11268/2019 (Formerly PL.11268/2018)   Sudi West RIO JV*   100%*   PL.11268/2019 (Formerly PL.11268/2018)   Sudi West RIO JV*   100%*   PL.11268/2019 (Formerly PL.11268/2018)   Rushungi Rio JV*   100%*   PL.11268/2018   Rushungi Rio JV*   100%*   PL.11268/2019   Ridgeline Sunth   100%   PL.11362/2019   Ridgeline Central   100%   PL.11362/2019   Ridgeline Central   100%   Ridgeline Central   100%   PL.11376/2019   Ridgeline Central   100%   Ridgeline Central   10	PL 9951/2014	Fungoni South	100%
PL 8123/2012	PL 7666/2012	Pangani	100%
PL 11025/2017 (formerly PL 11277/2016)   Naumbu JV*   100%   PL 11029/2017 (formerly PL 11400/2016)   Buyuni   100%   PL 11093/2017 (formerly PL 11401/2016)   Fungoni West   100%   PL 10978/2016   Fungoni South   100%   PL 11076/2017 (formerly PL 11282/2016 & Fungoni South   100%   PL 11076/2017 (formerly PL 11282/2016 & Bagamoyo   10%   PL 11265/2012)   PL 11131/2017 (formerly PL 11402/2016)   Sudi Central JV*   100%   PL 11265/2019 (Formerly PL/12707/2017)   Nachunyu RiO JV*   100%   PL 11265/2019 (Formerly PL/12707/2018)   Lindi North RiO JV*   100%   PL 11267/2019 (Formerly PL/12707/2018)   Kitunda RiO JV*   100%   PL 11267/2019 (Formerly PL/12707/2018)   Sudi West RiO JV*   100%   PL 11268/2019 (Formerly PL/12769/2018)   Sudi West RiO JV*   100%   PL 11268/2019 (Formerly PL/12769/2018)   Sudi East RiO JV*   100%   PL 11268/2019 (Formerly PL/12769/2018)   Sudi East RiO JV*   100%   PL 11268/2019 (Formerly PL/12080/2017)   Sudi East RiO JV*   100%   PL/12018/2017   Kimbije   100%   PL/13032/2018   Rushungi Rio JV*   100%   PL/13032/2018   Rushungi Rio JV*   100%   PL/13032/2018   Sakaura (South of Tajiri)   100%   PL/13032/2018   Sakaura (South of Tajiri)   100%   PL/14683/2019   Ridgeline North   100%   PL/14554/2019   Ridgeline South   100%   PL/14554/2019   Ridgeline South   100%   PL/14554/2019   Ridgeline South   100%   Rushungi Ro JV*   100%   PL/14769/2019   Sakaura   100%   PL/14769/2019   Sakaura   100%   PL/14769/2019   Sakaura   100%   N09/102   Shark Bay District, Western Australia   100%   N09/103   Shark Bay District, Western Australia   100%   N09/104   Shark Bay District, Western Australia   100%   N09/105   Shark Bay District, Western Australia   100%   N09/106   Shark Bay District, Western Australia   100%   N09/102   Shark Bay District, Western Australia   100%	PL 7960/2012	Tongoni	100%
PL 11029/2017 (formerly PL 11400/2016)   Buyuni   100%   PL 11030/2017 (formerly PL 11401/2016)   Fungoni West   100%   PL 10978/2016   Fungoni South   100%   PL 11076/2017 (formerly PL 11282/2016 & Bagamoyo   100%   PL 11076/2017 (formerly PL 11282/2016 & Bagamoyo   100%   PL 1131/2017 (formerly PL 112070/2017)   Sudi Central JV*   100%   PL 111265/2019 (Formerly PL/12070/2017)   Nachunyu RIO JV*   100%   PL 11269/2019 (Formerly PL/12070/2018)   Lindi North RIO JV*   100%   PL 11269/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11267/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11266/2019 (Formerly PL/13031/2018)   Sudi West RIO JV*   100%   PL 11266/2019 (Formerly PL/1280/2017)   Rushungi South   100%*   PL 11266/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%*   PL 11268/2019 (Formerly PL/12080/2017)   Mfunza   100%   PL 11205/2017   Kimbije   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13036/2018   Rushungi Rio JV*   100%*   PL/13036/2018   Sakaura (South of Tajiri)   100%   PL/14654/2019   Ridgeline North   100%   PL/14654/2019   Ridgeline North   100%   PL/14554/2019   Ridgeline Central   100%   PL/1456/2019   Ri	PL 8123/2012	Tongoni North	100%
PL 11029/2017 (formerly PL 11400/2016)   Buyuni   100%   PL 11030/2017 (formerly PL 11401/2016)   Fungoni West   100%   PL 10978/2016   Fungoni South   100%   PL 11076/2017 (formerly PL 11282/2016 & Bagamoyo   100%   PL 11076/2017 (formerly PL 11282/2016 & Bagamoyo   100%   PL 1131/2017 (formerly PL 112070/2017)   Sudi Central JV*   100%   PL 111265/2019 (Formerly PL/12070/2017)   Nachunyu RIO JV*   100%   PL 11269/2019 (Formerly PL/12070/2018)   Lindi North RIO JV*   100%   PL 11269/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11267/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11266/2019 (Formerly PL/13031/2018)   Sudi West RIO JV*   100%   PL 11266/2019 (Formerly PL/1280/2017)   Rushungi South   100%*   PL 11266/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%*   PL 11268/2019 (Formerly PL/12080/2017)   Mfunza   100%   PL 11205/2017   Kimbije   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13036/2018   Rushungi Rio JV*   100%*   PL/13036/2018   Sakaura (South of Tajiri)   100%   PL/14654/2019   Ridgeline North   100%   PL/14654/2019   Ridgeline North   100%   PL/14554/2019   Ridgeline Central   100%   PL/1456/2019   Ri	PL 11025/2017 (formerly PL 11277/2016)	Naumbu JV*	100%
PL 11030/2017 (formerly PL 11401/2016)			100%
PL 10978/2016			
PL 11076/2017 (formerly PL 11282/2016 & Bagamoyo			
PL7752/2012  PL 11131/2017 (formerly PL 11402/2016)   Sudi Central JV*   100%   PL 11265/2019 (Formerly PL/12070/2017)   Nachunyu RIO JV*   100%   PL 11269/2019 (Formerly PL/1270/2018)   Lindi North RIO JV*   100%   PL 11269/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11267/2019 (Formerly PL/13280/2017)   Rushungi South   100%*   PL 11268/2019 (Formerly PL/12280/2017)   Sudi West RIO JV*   100%*   PL 11268/2019 (Formerly PL/12280/2017)   Sudi East RIO JV*   100%*   PL 11268/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%*   PL/12018/2017   Mfunza   100%*   100%*   PL/12025/2017   Kimbije   100%*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Mzenga   100%   PL/14683/2019   Ridgeline North   100%   PL/14683/2019   Ridgeline North   100%   PL/14553/2019   Ridgeline South   100%   PL/14553/2019   Ridgeline South   100%   PL/1376/2019   Sakaura   100%   PL/1376/2019   Sakaura   100%   PL/1376/2019   Sakaura   100%   Nog/102   Shark Bay District, Western Australia   100%   Mog/102   Shark Bay District, Western Australia   100%   Mog/102   Shark Bay District, Western Australia   100%   Mog/104   Shark Bay District, Western Australia   100%   Mog/106   Shark Bay District, Western Australia   100%   Mog/106   Shark Bay District, Western Australia   100%   Mog/101   Shark Bay District, Western Australia   100%   Mog/102   Shark Bay District, Western Australia   100%   Mog/104   Shark Bay District, Western Australia   100%   Mog/105   Shark Bay District, Western Australia   100%   Mog/106   Shark Bay District, Western Australia   100%   Mog/107   Shark Bay District, Western Australia   100%   Mog/108   Shark Bay District, Western Australia   100%   Mog/109   Shark Bay District, Western Australia   100%   Mog/102   Shark Bay District, Western Australia   100%   Mo			
PL 11131/2017 (formerly PL 11402/2016)   Sudi Central JV*   100%   PL 11265/2019 (Formerly PL/12070/2017)   Nachunyu RIO JV*   100%   PL 11269/2019 (Formerly PL/1270/2018)   Lindi North RIO JV*   100%   PL 11270/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11267/2019 (Formerly PL/123031/2018)   Kitunda RIO JV*   100%   PL 11268/2019 (Formerly PL/1280/2017)   Rushungi South   100%*   PL 11268/2019 (Formerly PL/12080/2018)   Sudi West RIO JV*   100%*   PL 11268/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%*   PL/12018/2017   Mfunza   100%   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Nachunga   100%   PL 13372/2018   Nachunga   100%   PL 14821/2019   Tanga West   100%   PL 14821/2019   Tanga West   100%   PL 14821/2019   Ridgeline North   100%   PL 14553/2019   Ridgeline Central   100%   PL 14376/2019   Ridgeline South   100%   PL 11376/2019   Sakaura   100%   PL 11376/2019   Sakaura   100%   PL 11376/2019   Sakaura   100%   PL 11376/2019   Sakaura   100%   No9/103   Shark Bay District, Western Australia   100%   Mo9/103   Shark Bay District, Western Australia   100%   Mo9/103   Shark Bay District, Western Australia   100%   Mo9/105   Shark Bay District, Western Australia   100%   Mo9/106   Shark Bay District, Western Australia   100%   Mo9/102   Shark Bay District, Weste		sig	
PL 11265/2019 (Formerly PL/12070/2017)   Nachunyu RIO JV*   100%   PL 11269/2019 (Formerly PL/12770/2018)   Lindi North RIO JV*   100%   PL 11270/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11267/2019 (Formerly PL/12280/2017)   Rushungi South   100%*   PL 11268/2019 (Formerly PL/12280/2018)   Sudi West RIO JV*   100%*   PL 11266/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%*   PL/12018/2017   Mfunza   100%   PL/12025/2017   Mfunza   100%   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13032/2018   Sakaura (South of Tajiri)   100%   PL/14621/2019   Tanga West   100%   PL/14683/2019   Ridgeline North   100%   PL/14683/2019   Ridgeline North   100%   PL/14553/2019   Ridgeline Central   100%   PL/14553/2019   Ridgeline South   100%   PL/1476/2019   Ridgeline South   100%   PL/1476/2019   Ridgeline South   100%   PL/1476/2019   Sakaura   100%   PL/1476/2019   PL/1476/	,	Sudi Central JV*	100%
PL 11269/2019 (Formerly PL/12770/2018)			
PL 11270/2019 (Formerly PL/13031/2018)   Kitunda RIO JV*   100%   PL 11267/2019 (Formerly PL/12280/2017)   Rushungi South   100%*   100%*   PL 11268/2019 (Formerly PL/12769/2018)   Sudi West RIO JV*   100%*   PL 11268/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%*   PL/12018/2017   Mfunza   100%   Mfunza   100%   PL/12025/2017   Kimbije   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL 13336/2018   Rushungi Rio JV*   100%*   PL 13336/2018   Mzenga   100%   PL 13336/2018   Sakaura (South of Tajiri)   100%   PL 14621/2019   Tanga West   100%   PL 14621/2019   Ridgeline North   100%   PL 14554/2019   Ridgeline Central   100%   PL 14554/2019   Ridgeline South   100%   PL 11375/2019   Kola   100%   PL 11376/2019   Kola   100%   Ridgeline South   100%   PL 11376/2019   Kola   100%   Sakaura   100%   Ridgeline South   100%   Ridgement with Rio Tinto   Sakaura   100%   Ridgeline South   100%   Ridgement with Rio Tinto   Sakaura   100%   Ridgement			
PL 11267/2019 (Formerly PL/12280/2017)   Rushungi South   100%*   PL 11266/2019 (Formerly PL/12769/2018)   Sudi West RIO JV*   100%*   PL 11266/2019 (Formerly PL/12080/2017)   Mgui East RIO JV*   100%*   PL/12018/2017   Mfunza   100%   PL/12025/2017   Mfunza   100%*   PL/12025/2017   Kimbije   100%*   PL/13032/2018   Rushungi Rio JV*   100%*   PL/13172/2018   Rushungi Rio JV*   100%*   PL 13172/2018   Mzenga   100%   PL 14621/2019   Tanga West   100%   PL 14621/2019   Tanga West   100%   PL 14633/2019   Ridgeline North   100%   PL 14554/2019   Ridgeline Central   100%   PL 14375/2019   Ridgeline Central   100%   PL 11375/2019   Kola   100%   PL 11376/2019   Sakaura   100%   PL 11376/2019   Sakaura   100%   PL 11376/2019   Sakaura   100%   PL 11376/2019   Sakaura   100%   Nustralia   100%   Nustrali			
PL 11268/2019 (Formerly PL/12769/2018)   Sudi West RIO JV*   100%* PL/12018/2017   Sudi East RIO JV*   100%* PL/12018/2017   Mfunza   100%			
PL 11266/2019 (Formerly PL/12080/2017)   Sudi East RIO JV*   100%* PL/12018/2017   Mfunza   100% PL/12025/2017   Kimbije   100%*   100%* PL/13032/2018   Rushungi Rio JV*   100%* PL 13172/2018   Mzenga   100% PL 13336/2018   Sakaura (South of Tajiri)   100% PL 14621/2019   Tanga West   100% PL 14683/2019   Ridgeline North   100% PL 14554/2019   Ridgeline Central   100% PL 14554/2019   Ridgeline South   100% PL 11375/2019   Ridgeline South   100% PL 11375/2019   Ridgeline South   100% PL 11375/2019   Robert of Earn-in and Joint Venture Agreement with Rio Tinto   Australia   Coburn Mineral Sands Project   E09/939   Shark Bay District, Western Australia   100% M09/102   Shark Bay District, Western Australia   100% M09/103   Shark Bay District, Western Australia   100% M09/103   Shark Bay District, Western Australia   100% M09/104   Shark Bay District, Western Australia   100% M09/105   Shark Bay District, Western Australia   100% M09/106   Shark Bay District, Western Australia   100% M09/106   Shark Bay District, Western Australia   100% M09/101   Shark Bay District, Western Australia   100% M09/101   Shark Bay District, Western Australia   100% M09/102   Shark Bay District, Western Australia   100% M09/			
PL/12018/2017			
PL/12025/2017   Kimbije			
PL/13032/2018			
PL 13172/2018			
PL 13336/2018   Sakaura (South of Tajiri)   100%			
PL14621/2019         Tanga West         100%           PL14683/2019         Ridgeline North         100%           PL14554/2019         Ridgeline Central         100%           PL14553/2019         Ridgeline South         100%           PL 11375/2019         Kola         100%           PL 11376/2019         Sakaura         100%           * Subject to Earn-in and Joint Venture Agreement with Rio Tinto         Australia         Coburn Mineral Sands Project           E09/939         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           M09/103         Shark Bay District, Western Australia         100%           M09/104         Shark Bay District, Western Australia         100%           M09/105         Shark Bay District, Western Australia         100%           M09/106         Shark Bay District, Western Australia         100%           M09/111         Shark Bay District, Western Australia         100%           M09/112         Shark Bay District, Western Australia         100%           L09/21         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           Fowlers Bay Gold-Base Metal Project**			
PL14683/2019         Ridgeline North         100%           PL14554/2019         Ridgeline Central         100%           PL14553/2019         Ridgeline South         100%           PL 11376/2019         Kola         100%           * Subject to Earn-in and Joint Venture Agreement with Rio Tinto         Australia         Coburn Mineral Sands Project           E09/939         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           M09/103         Shark Bay District, Western Australia         100%           M09/104         Shark Bay District, Western Australia         100%           M09/105         Shark Bay District, Western Australia         100%           M09/106         Shark Bay District, Western Australia         100%           M09/111         Shark Bay District, Western Australia         100%           M09/112         Shark Bay District, Western Australia         100%           L09/21         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           Fowlers Bay Gold-Base Metal Project**         Ceduna District, South Australia         100%**			
PL14554/2019         Ridgeline Central         100%           PL14553/2019         Ridgeline South         100%           PL 11375/2019         Kola         100%           PL 11376/2019         Sakaura         100%           * Subject to Earn-in and Joint Venture Agreement with Rio Tinto         Coburn Mineral Sands Project           E09/939         Shark Bay District, Western Australia         100%           L09/21         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           M09/103         Shark Bay District, Western Australia         100%           M09/104         Shark Bay District, Western Australia         100%           M09/105         Shark Bay District, Western Australia         100%           M09/106         Shark Bay District, Western Australia         100%           M09/111         Shark Bay District, Western Australia         100%           M09/112         Shark Bay District, Western Australia         100%           L09/21         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           Fowlers Bay Gold-Base Metal Project**         EL 5880         Ceduna District, South Australia         100%***			
PL14553/2019         Ridgeline South         100%           PL 11375/2019         Kola         100%           PL 11376/2019         Sakaura         100%           * Subject to Earn-in and Joint Venture Agreement with Rio Tinto         Coburn Mineral Sands Project         E09/939           E09/939         Shark Bay District, Western Australia         100%           L09/21         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           M09/103         Shark Bay District, Western Australia         100%           M09/104         Shark Bay District, Western Australia         100%           M09/105         Shark Bay District, Western Australia         100%           M09/106         Shark Bay District, Western Australia         100%           M09/111         Shark Bay District, Western Australia         100%           M09/112         Shark Bay District, Western Australia         100%           L09/21         Shark Bay District, Western Australia         100%           M09/102         Shark Bay District, Western Australia         100%           Fowlers Bay Gold-Base Metal Project**         EL 5880			
PL 11375/2019 Kola 100% PL 11376/2019 Sakaura 100%  * Subject to Earn-in and Joint Venture Agreement with Rio Tinto  * Australia Coburn Mineral Sands Project  E09/939 Shark Bay District, Western Australia 100%  M09/102 Shark Bay District, Western Australia 100%  M09/103 Shark Bay District, Western Australia 100%  M09/104 Shark Bay District, Western Australia 100%  M09/105 Shark Bay District, Western Australia 100%  M09/106 Shark Bay District, Western Australia 100%  M09/111 Shark Bay District, Western Australia 100%  M09/112 Shark Bay District, Western Australia 100%  M09/102 Shark Bay District, Western Australia 100%  M09/112 Shark Bay District, Western Australia 100%  M09/102 Shark Bay District, Western Australia 100%  M09/102 Shark Bay District, Western Australia 100%  M09/102 Shark Bay District, Western Australia 100%  Fowlers Bay Gold-Base Metal Project**  EL 5880 Ceduna District, South Australia 100%**			
PL 11376/2019  * Subject to Earn-in and Joint Venture Agreement with Rio Tinto  Australia  E09/939  Shark Bay District, Western Australia 100%  M09/102  Shark Bay District, Western Australia 100%  M09/104  Shark Bay District, Western Australia 100%  M09/105  Shark Bay District, Western Australia 100%  M09/106  Shark Bay District, Western Australia 100%  M09/111  Shark Bay District, Western Australia 100%  M09/112  Shark Bay District, Western Australia 100%  M09/106  Shark Bay District, Western Australia 100%  M09/111  Shark Bay District, Western Australia 100%  M09/112  Shark Bay District, Western Australia 100%  M09/102  Shark Bay District, Western Australia 100%  Fowlers Bay Gold-Base Metal Project**  EL 5880  Ceduna District, South Australia			
* Subject to Earn-in and Joint Venture Agreement with Rio Tinto  Australia  Coburn Mineral Sands Project  E09/939  Shark Bay District, Western Australia 100%  M09/102  Shark Bay District, Western Australia 100%  M09/103  Shark Bay District, Western Australia 100%  M09/104  Shark Bay District, Western Australia 100%  M09/105  Shark Bay District, Western Australia 100%  M09/106  Shark Bay District, Western Australia 100%  M09/110  Shark Bay District, Western Australia 100%  M09/110  Shark Bay District, Western Australia 100%  M09/111  Shark Bay District, Western Australia 100%  M09/112  Shark Bay District, Western Australia 100%  M09/112  Shark Bay District, Western Australia 100%  M09/102  Shark Bay District, Western Australia 100%  Fowlers Bay Gold-Base Metal Project**  EL 5880  Ceduna District, South Australia			
Agreement with Rio Tinto  Australia  Coburn Mineral Sands Project  E09/939  Shark Bay District, Western Australia  100%  M09/102  Shark Bay District, Western Australia  100%  M09/103  Shark Bay District, Western Australia  100%  M09/104  Shark Bay District, Western Australia  100%  M09/105  Shark Bay District, Western Australia  100%  M09/106  Shark Bay District, Western Australia  100%  M09/111  Shark Bay District, Western Australia  100%  M09/112  Shark Bay District, Western Australia  100%  M09/112  Shark Bay District, Western Australia  100%  M09/102  Shark Bay District, Western Australia  100%  M09/102  Shark Bay District, Western Australia  100%  Fowlers Bay Gold-Base Metal Project**  EL 5880  Ceduna District, South Australia		Canadia	10070
AustraliaCoburn Mineral Sands ProjectE09/939Shark Bay District, Western Australia100%L09/21Shark Bay District, Western Australia100%M09/102Shark Bay District, Western Australia100%M09/103Shark Bay District, Western Australia100%M09/104Shark Bay District, Western Australia100%M09/105Shark Bay District, Western Australia100%M09/106Shark Bay District, Western Australia100%M09/111Shark Bay District, Western Australia100%M09/112Shark Bay District, Western Australia100%L09/21Shark Bay District, Western Australia100%M09/102Shark Bay District, Western Australia100%Fowlers Bay Gold-Base Metal Project**EL 5880Ceduna District, South Australia100%**			
Shark Bay District, Western Australia   100%		Coburn Mineral Sands Project	
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L09/21 Shark Bay District, Western Australia 100% M09/102 Shark Bay District, Western Australia 100%  Fowlers Bay Gold-Base Metal Project**  EL 5880 Ceduna District, South Australia 100%**		•	
M09/102 Shark Bay District, Western Australia 100%  Fowlers Bay Gold-Base Metal Project**  EL 5880 Ceduna District, South Australia 100%**	M09/112	•	100%
Fowlers Bay Gold-Base Metal Project**  EL 5880 Ceduna District, South Australia 100%**	L09/21	Shark Bay District, Western Australia	100%
Fowlers Bay Gold-Base Metal Project**  EL 5880 Ceduna District, South Australia 100%**	M09/102	Shark Bay District, Western Australia	100%
EL 5880 Ceduna District, South Australia 100%**			
	EL 5880		100%**
	** Western Areas earning 90%		

<sup>+</sup> See chapter 19 for defined terms

1 September 2016