

CASSIUS MINING LIMITED & CONTROLLED ENTITIES

ABN 13 115 027 033

ANNUAL REPORT 2019

CORPORATE INFORMATION

Cassius Mining Limited
ABN 13 115 027 033

DIRECTORS

J Arkoudis – Chief Executive Officer
A Karam – Managing Director
D Chidlow – Technical Director
W Kernaghan

COMPANY SECRETARY

W Kernaghan

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CHAIRMAN'S LETTER

Dear Shareholders,

The past year has been dominated by administrative and political challenges in Ghana. There have been delays in the issuance of the formal documentation for the 3 year renewal of our gold Prospecting License at the Gbane Project, as agreed with the authorities in February 2019. We are conducting ongoing discussions with the Minister for Lands and Natural Resources. I am confident the formal License renewal will be issued soon so that the Company can continue to advance the significant potential of its gold asset.

At Gbane, the Company has reviewed data previously acquired and prepared its next stage advanced exploration programme, designed to drill out jog structures at close spacings where multiple high level gold intercepts (>3 g/t) have been confirmed. This is targeted to establish a localised JORC resource.

In Madagascar, an initial drilling programme has been prepared to advance its Soalara Project, carrying an existing long term Mining License. This is designed to quantify the consistency and continuity of its high quality Limestone asset, both laterally and with depth.

You the Shareholders have been staunch in your support of the Board's efforts to solve the non-operational challenges experienced at Gbane. We continue to explore all avenues to create value for you, and have confidence your patience will be rewarded.

Yours truly,

A handwritten signature in blue ink, consisting of a stylized 'J' and 'A' followed by a horizontal line.

James Arkoudis
Chairman

ACTIVITIES & PROJECT REVIEW

A summary of Cassius Mining Limited's exploration activities for the financial year to 30 June 2019 is set out below:

Gbane Gold Project, Ghana

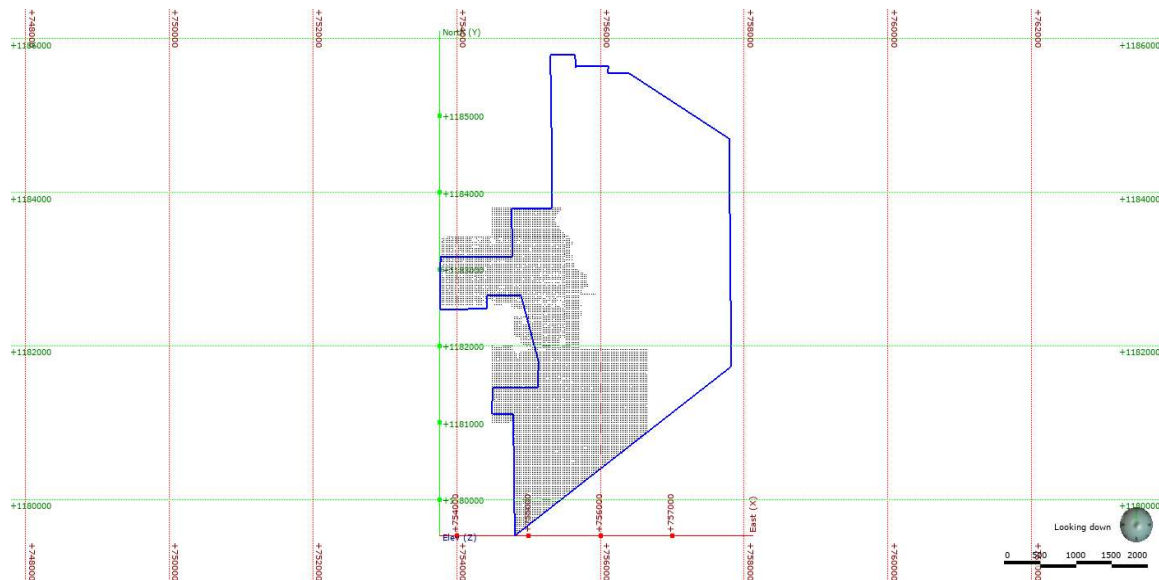
- ✓ Following the engagement of Rob Seed as Exploration Manager in Q2, substantial progress has been made on the re-interpretation of the Company's database of the Gbane Gold Project in Ghana.
- ✓ As a result, a complete review of the asset and our forward exploration has now been prepared to allow the Company to move toward its target of achieving a maiden Au resource.
- ✓ With over 25 years in exploration and development of precious metals, in particular gold and including in Ghana, Rob's talents are specifically suited to the achievement of the Company's target.
- ✓ Further to the Company's "Exploration Target" report (ASX, 18th November 2018), the subsequent full review and refined forward exploration programme is presented below.

Background

- ✓ Cassius's licence sits in the Nangodi greenstone belt of NE Ghana. It is within a well-known mineralized area with local miners actively mining, including more than 50,000 pits and 600 shafts located along 2.8 km of strike.
- ✓ The Gbane Project is on-strike from Cardinal's 7+ Moz Namdini resource located 3.5 km south of Cassius's licence, and directly adjacent to Shaanxi's underground gold mine. The gold bearing veins that Shaanxi mine extend into Cassius's licence.
- ✓ Previous Cassius exploration programmes include soil geochemistry, geophysics (land/aerial), geological mapping and drilling.
- ✓ Given the level of artisanal mining on numerous high-grade veins it was thought that a sufficient density of veins was developed to enable an open pit mining operation. Exploration and drilling programmes were designed around this.
- ✓ Subsequent drilling of the mineralized areas intersected numerous high-grade shear structures, however they are currently considered too widely spaced, narrow and steep for open pit mining. Some intersections have sufficient grade to contemplate underground mining similar to Shaanxi.
- ✓ The potential still exists for higher vein density in jog structures formed from later E-W dislocation, along mineralized and geologically continuous NNW-SSE shears already identified. These may still support multiple smaller scale open pit mining alongside underground mining.
- ✓ A review of key aspects of the project follows, covering historical exploration and an updated exploration programme.

Geochemistry

Approximately 40% of the permit has been covered by soil sampling on a 25 by 25m grid. This programme was planned to cover the main areas of artisanal mining. Samples were collected from the B horizon and assayed by hand-held XRF for multi-elements including Arsenic (As).

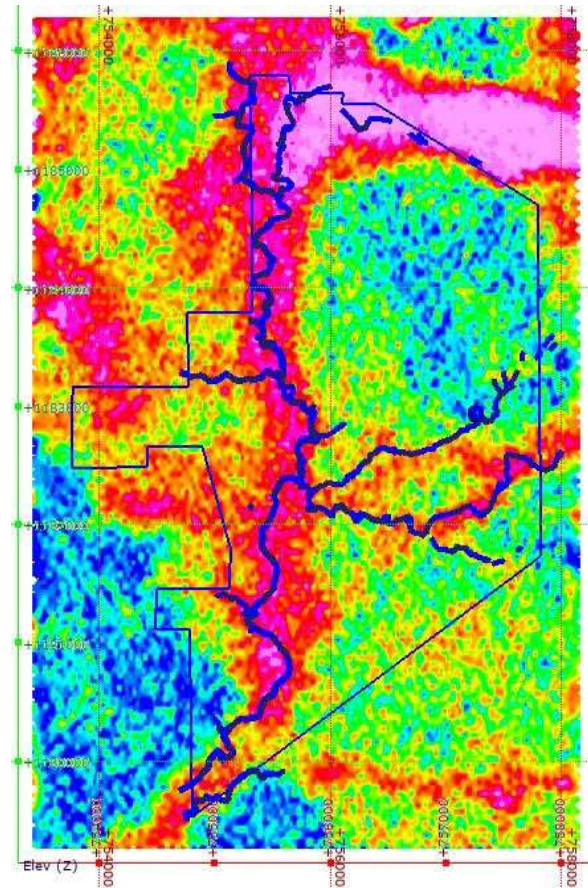


Existing soil survey coverage in the SW part of Cassius's licence

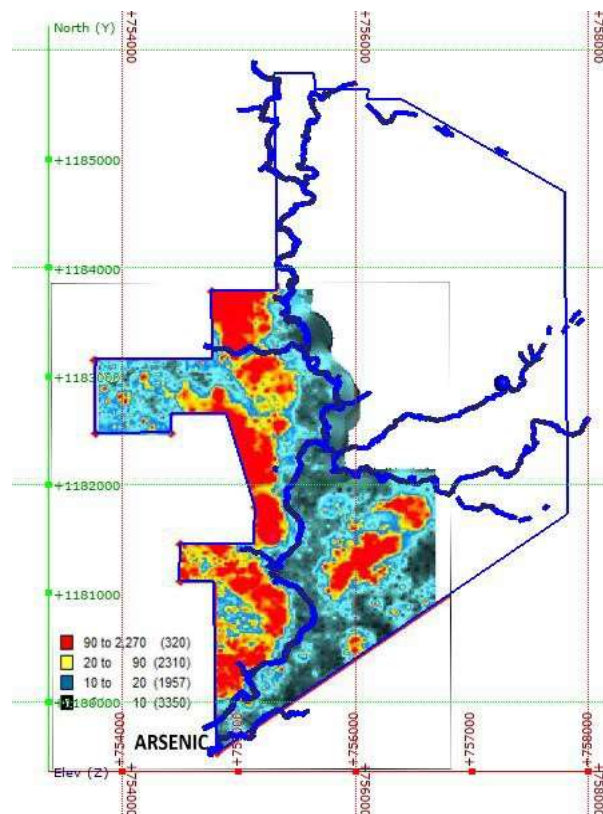
It was thought that Arsenic would be the preferred pathfinder for gold. Analysis of the results of the XRF work indicates that there is a strong correlation between many of the elements. The major factors controlling the distribution of many of the elements is soil type and underlying lithology rather than a gold mineralizing system alone. Areas of residual soil and transported alluvial sediments are clearly visible in the data. Elevated As, Cu, Fe, Co and Ti closely correspond to residual soil. Depletion in these elements maps areas of alluvium. The distribution of Arsenic is now believed to be of limited benefit in mapping mineralized shears at Gbane. XRF assays of drill samples confirm much of the high-grade shears have limited As signature. As a result, additional gold-in-soils and auger geochemical programmes are planned:

- Soil samples previously collected on a 25 x 25m sampling programme are stored in Cassius's library system, and are readily available for new geochemical gold assay. Existing samples will be submitted on 100m lines with the original 25m sample spacing. Where required, anomalies will be further defined by submitting 25m by 25m samples.
- A new Geochemical soil survey will be extended to other selected parts of the entire licence, based on aerial magnetics and mapping. Sampling will be on 25m centres and E-W lines spaced at 200m.
- The previous XRF programme has highlighted the masking effect of the thin alluvial deposits. Therefore shallow auger drilling is planned to follow positive gold-in-soil assays in the new survey.

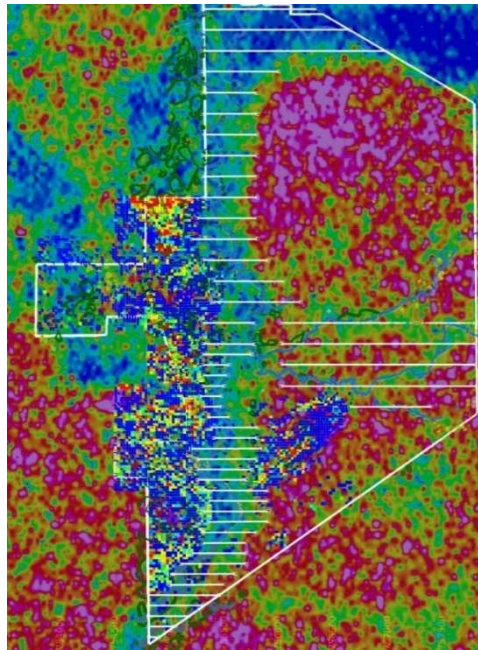
These programmes will provide valuable information as the basis for focused future drilling. In particular, soil samples from areas of thin residual soil will give information to help map out individual mineralized shears.



Radiometrics & K+ anomalies have strong association with alluvial deposits in drainage areas



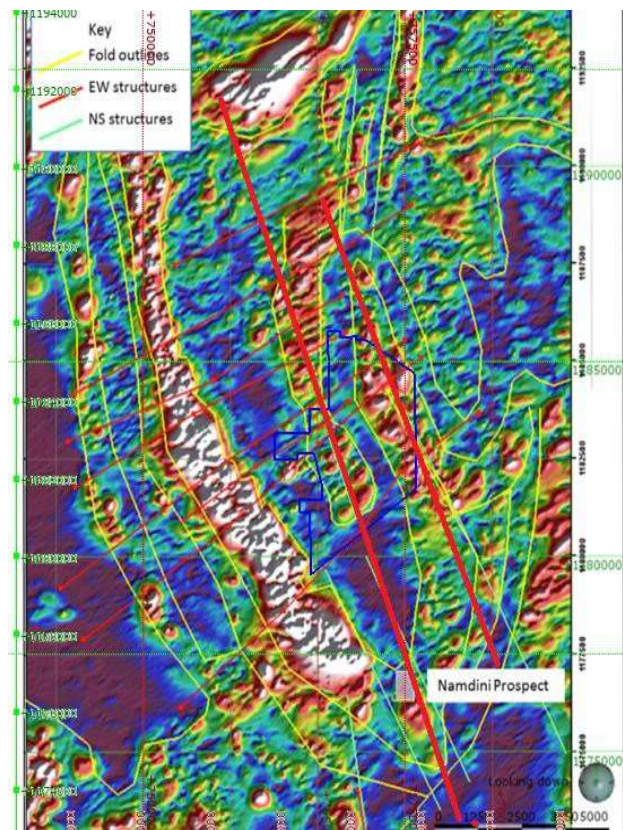
Arsenic in soils: N-S trending As-lows correspond to drainage patterns & alluvials



Planned auger drilling (+/- 1,345 holes)

Geophysics

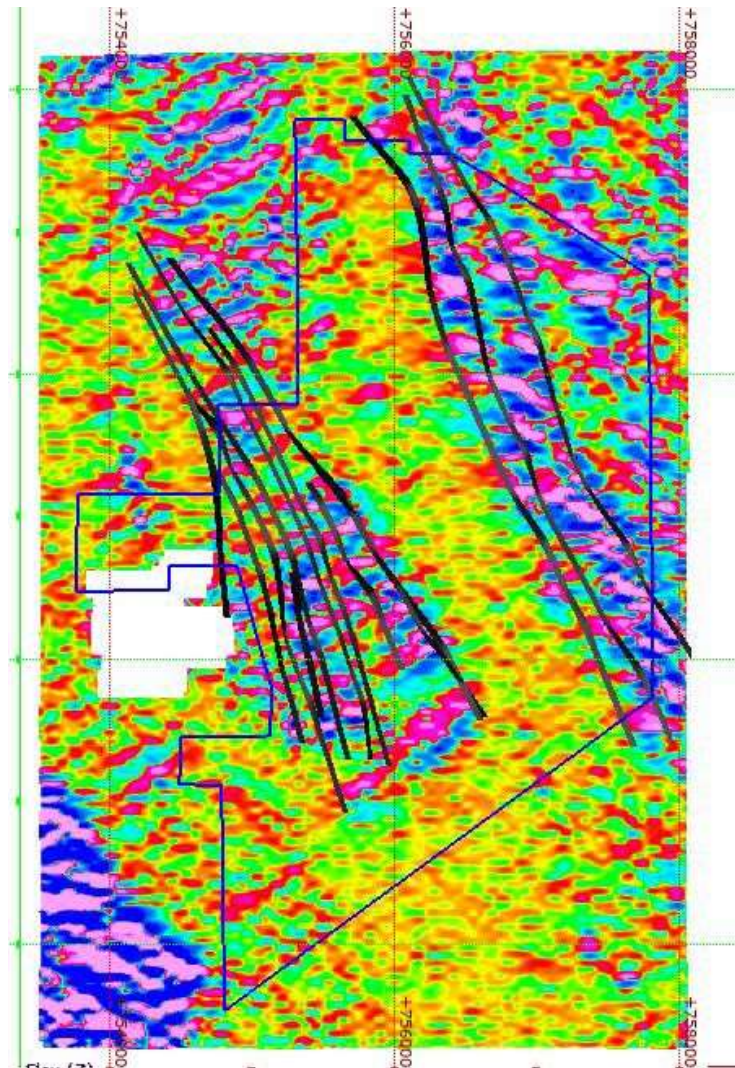
Aerial geophysics has been conducted over the entire licence, which in conjunction with available regional geophysics leads to an interpretation of tight folding of a sequence of magnetic metavolcanics and non-magnetic metasediments, along NNW trending folds. Running axial planar to these folds are numerous shears. Subsequent to folding, the area has been cut by numerous NE trending structures (see below).



Axis of interpreted folds in bold red. Later cross-cutting NE structures in red

Two of the NNW trending fold axes cross the Gbane project area (in bold red above). The western axis at Gbane is the structure that hosts the significant Namdini resource (Cardinal Resources) to the south and the Shaanxi mine (directly adjacent to Gbane). The eastern axis through Gbane has had very little exploration to date (soils/auger are planned).

Cassius's model is that mineralization is primarily controlled by axial planar structures in the core of the folds trending NNW. Later movement on NE trending structures appear to be syn-tectonic to the mineralization. Movement on the NE structures interacting with the NNW trending structures and lithological contacts control mineralization. The mineralizing event reactivated pre-existing structures and concentrated gold in favourable orientations. The result is that the NNW structures are intermittently mineralized along strike.



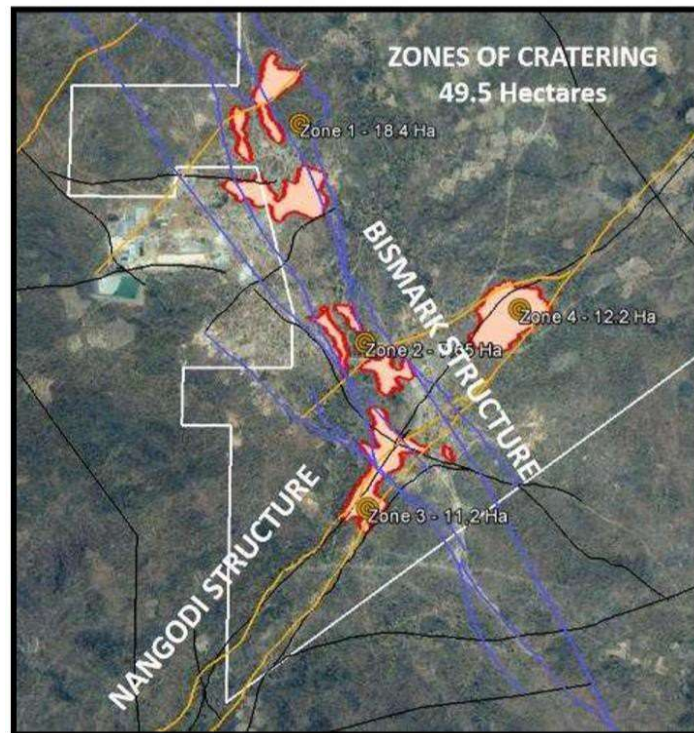
Magnetics with interpreted NNW shears, axial planar to regional folds

Cassius (and Shaanxi) mineralized veins are hosted in the metavolcanic magnetic core of the western fold, with fold limbs being non-magnetic metasediments. The eastern fold axis also has a metavolcanic core with similar shears developed.

Numerous NE trending structures are present. The best mineralization already identified in the western fold is intersected in shears close to the contact between the sediment and volcanic units. The actual contact areas in both folds are prime exploration targets. The planned Au-in-soil programme is designed to tie in mineralized structures with the geophysics.

Geology

Thin soil coverage and numerous artisanal pits allow mapping of the geology. Detailed mapping shows NNW trending veins are disturbed by numerous NE trending structures. Some gold bearing veins are also found trending NE. In the south of the licence a significant intersection is interpreted between the main NNW trending “Bismark” structure and the NE trending “Nangodi” structure (see below). It is thought that the NE structures are not merely late features displacing the NNW trending mineralization but are actually syn-tectonic with and part of the mineralizing event. The Bismark / Nangodi intersection represents a prime target, where a higher density of mineralized veins may be present. The planned Au-in-soils programme (or auger where there is alluvial cover) will also be used to help define subsequent diamond core targets.



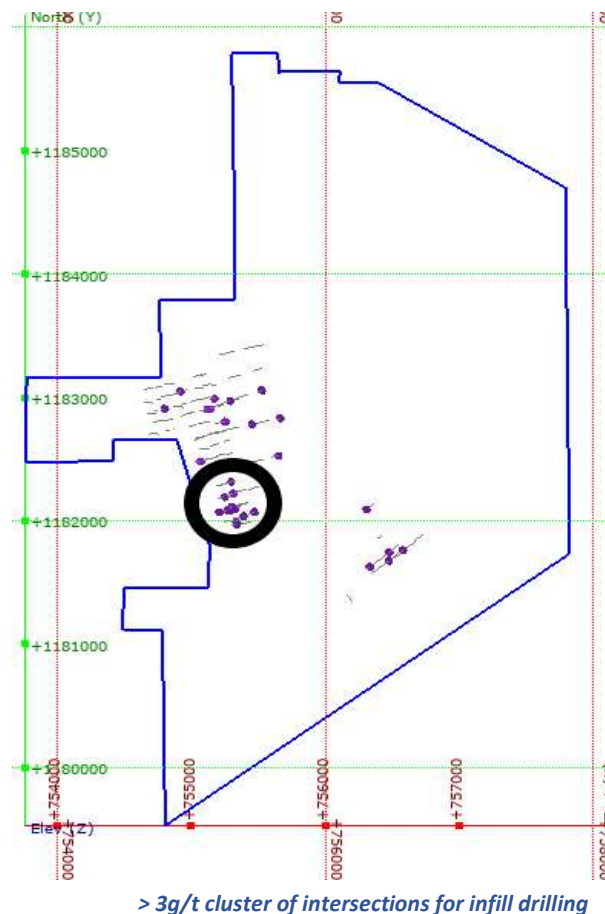
Zones of artisanal mining with interpreted structures



Mapped veins, Bismark / Nangodi intersection (note NE and NNW trending veins)

DD diamond core

A number of high-grade narrow shear zones have been intersected on earlier drilling phases. Currently any future mine is thought to be underground, focused on narrow high-grade veins. Mineralized intersections are limited to the shear zones with little wall rock mineralization. Some highly altered and sheared rock is barren, whilst conversely elsewhere narrow quartz veins in weakly sheared rock has generated high grades. The best grouping of intersections to date ($> 3\text{g/t}$) is circled in the map below, where drill collar spacing is 100-200m. Follow up infill drilling is planned in this immediate area as a high priority.

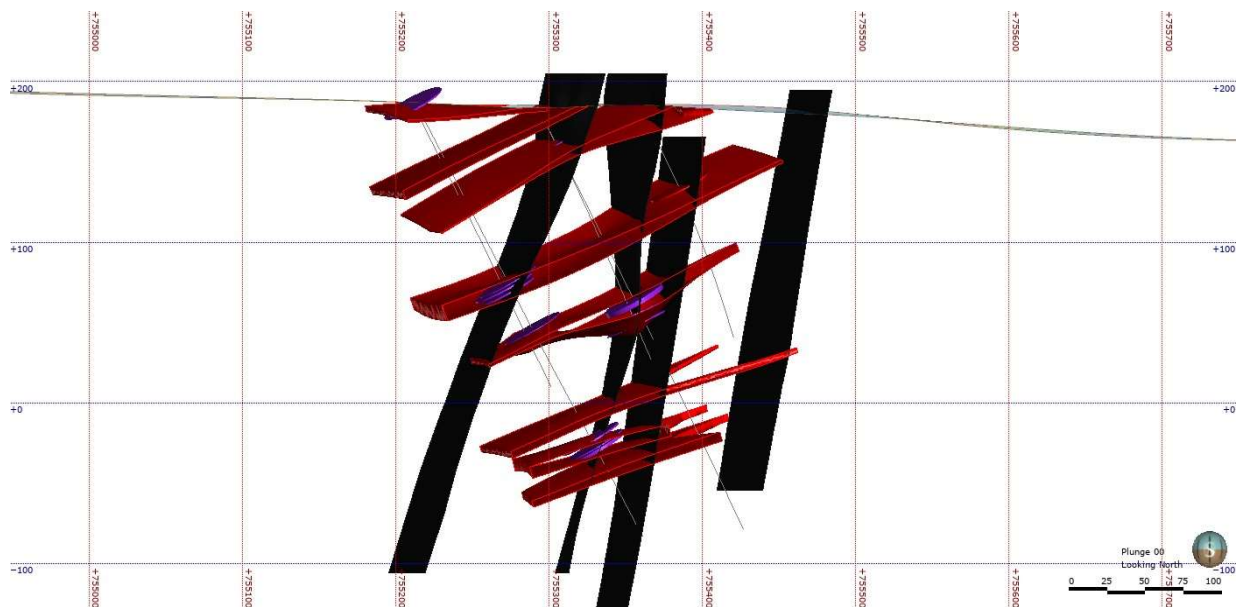


Gold is contained in sheared, sericite-carbonate altered metavolcanics within thin intervals of laminated quartz veining. The main sulphide present is pyrite.

The primary NNW trending Bismark structure consists of many sub-parallel shears that individually form 10-160 cm quartz veins defining a structure width of up to 600m. In strike terms, a continuous individual vein extent of up to 500m is present. Some of the veins form en-echelon veins with minor offsets occurring at regular intervals. Gold mineralization is discontinuous along the vein, with some sections barren and other sections high grade. In the stronger sections of veining along the Bismark structure there are areas of “blow outs” with the veins trending in all directions and forming stock work zones of intense alteration. These blow outs are principally at structural intersection points, and likely relate to the “Jog” effect of high angle structures moving at the same time whilst creating open space.

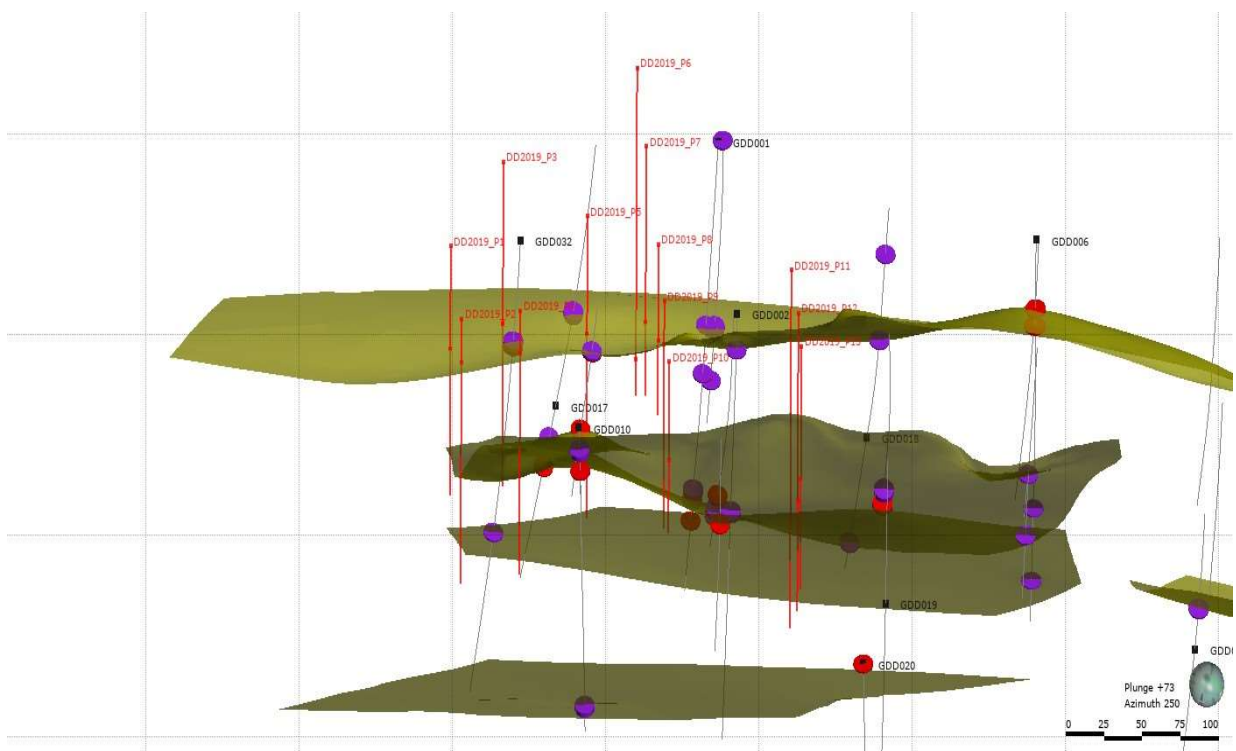
The veins are narrow and with variable grade. This high nugget effect makes it difficult to establish a meaningful grade. A much closer spaced drilling is required to produce a resource estimate. Previous interpretations of the veins gave them a moderate westerly dip. Observations from all data gathered now indicate a steeper westerly dip. A

programme of infill diamond drilling with staged drill spacing down to 40m intervals is planned as soon as practical, with a programme of 13 holes (2,350m) to drill out two of the main veins over a 300m strike length. This will enable a much better understanding of the veins / grades for a potential inferred resource.



GDD 001 section viewed to the north. Moderate dip interpretation in red, and steeper dip interpretation in black

The forward infill Diamond programme is shown below, with holes from 120-245m at 70° azimuth and 60° dip:



DD: 13 holes @ 2,350m (in red). 3D view from above to the west (mineralized shear intersections > 2g/t)

Summary Forward Programme

The planned activities are as follows (specific order / timing to be confirmed):

1. Soils:

- a. assay selected soils for Au (+/- 2,600 samples) from existing 40% licence area coverage:
 - i. 100m line and 25m sample spacing.
 - ii. infill to better define anomalies on the 25m x 25m grid.
- b. collect / assay balance 60% of licence area for Au on a 25m x 200m grid, particularly in eastern contact zone.

2. Shallow Auger:

- a. Bismark / Nangodi structural intersection (+/- 5,000m).
- b. where alluvial cover exists adjacent the river system, and elsewhere in positive Au-in-soils.

3. DD diamond core:

- a. first 13 infill holes as planned covering 300m of strike, with target to generate maiden resource on high grade vein system.
- b. new targets from soils / auger programmes, mainly south of Shaanxi mine (where veins extend to Cassius's licence)

Company's Gbane Asset Protection and Licence Renewal

As a consequence of the shared vein systems with Shaanxi's mine being situated close to the Cassius Licence, and the proximity of Shaanxi's headframes to the licence border, the Company in addition to planning its forward exploration programme has taken all prudent and available actions to protect the Company's asset from any trespass potential by Shaanxi's operations into the Cassius Licence¹.

The Company has taken pre-emptive injunctive action against Shaanxi as a precaution against illegal sub-surface trespass and possible asset removal. The Company will keep stakeholders informed of relevant progress on this.

The forward exploration programme summarised in this report has unfortunately encountered administrative delays on the part of the Ghanaian authorities, arising out of a range of issues in the Upper East region, principally involving Shaanxi Mining Limited. As previously announced Shaanxi operates a mine which is contiguous to our licence. These delays resulted in us being frustrated in that we were not able to pursue our own planned exploration programme with the speed and volume that we had anticipated leading into the year. We continue to work with the authorities in good faith to finalise these administrative issues.

¹ (refer RSM/SRK report – ASX, April 19th 2017)

In accordance with the relevant legislative regulations, the Company submitted its application for an extension to its Prospecting Licence, having exceeded all its required safety, environmental, social and operational responsibilities during the initial 2 year term. Following the lodgment of the licence renewal application, the Company then held formal discussions with senior representatives of both the Ministry of Lands and Natural Resources and the Minerals Commission. During that process the parties reached an agreement on 21 February 2019, relating to an extension of the Company's licence for a further period of three (3) years.

The requisite documentation relating to the licence extension is currently being processed by the relevant agencies. The documentation to be issued will also set out the requirements involved in converting the exploration licence to a large-scale mining licence during the extended period. The Cassius Prospecting Licence remains valid and in force over all areas in respect of which our renewal/extension is still pending before the Minerals Commission.

The initial delay was caused when the then Minister ordered all mining companies in the region to stop work, as he and his Ministry investigated several deaths in the Shaanxi operation. The consequential administrative bottleneck then compounded into further delays.

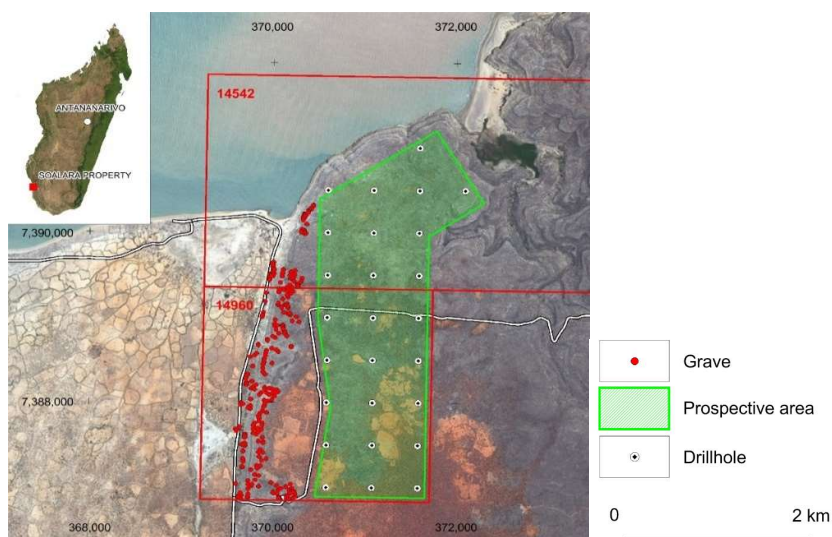
There have been a series of other interferences by Shaanxi during the year which have delayed the administrative processes pertaining to our licence and ability to work. These matters have been documented by the Company with the relevant authorities in Ghana and we continue to pursue those issues with a level of tenacity that we trust will break the barriers stopping us from executing our strategies in Ghana. The Company aims to execute the forward programme soonest practical after the licence renewal documentation is issued.

Soalara Limestone Project, Madagascar

In relation to the Company's Soalara Limestone Project in Madagascar, whilst the Company continues to work through a due diligence exercise with a large African based third party, we have secured the Environmental Permit in readiness for a forward resource estimation drilling programme.

An independent technical review conducted by SRK ES (ASX, 19 May 2016) indicated a potential JORC-compliant inferred resource of greater than 750 Mt of high quality limestone. The asset is believed to be suitable for the manufacture of cement and lime, two prime potential markets. A third is the supply of limestone for glass-making.

A 26 hole drilling programme is planned to a maximum hole depth of 100m on a 500m grid (see below), with grid spacing based on SRK's observations that the limestone appeared reasonably consistent across the permits.



Soalara Limestone Mining Licences with Drilling Programme

The Soalara property is not currently associated with a compliant mineral resource or reserve estimate. However, there is considered to be sufficient data to state a JORC-defined Exploration Target. SRK ES estimate an Exploration Target of between 491 and 818 Mt of limestone with a purity of high to very high² with calculations based on a 5 km² area, a 60m thickness and applied a density of 2.4 t/m³.³

SCHEDULE OF TENEMENTS AS AT 30 JUNE 2019

Location		Tenement / Mining Lease Number / Special Licence Number					
Ghana		Prospecting Licence [No. 1373814-16] – 68.50%*^ *^ Represents approximately 20% of the entire Large Scale Licence Area. Upon completion of the proposed acquisition, the Company will own 100% of the entire Large Scale Licence area					
Madagascar		R14542 – 100% R14960 – 100%					
Permit	Company	Int (%)	Type	Expiry date	Grant date	Area (sq. km)	Commodity
14542	Soalara Calcaire SARLU	100	Exploitation (Mining)	03 Nov 2055	04 Nov 15	12.50	Limestone
14960	Soalara Calcaire SARLU	100	Exploitation (Mining)	03 Nov 2055	04 Nov 15	6.25	Limestone

Attributions: Competent Person Statement

Information in this report that relates to the Gbane Project is based on information compiled by Rob Seed, a direct consultant to Cassius and member of the Australian Institute of Geoscientists and a member of the Institute of Mining Metallurgy and Materials UK. Mr Seed has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which he is undertaking 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 Seed consents to the inclusion in this report of the statements based on his information in the form and context in which it appears.

The information in Report that relates to Exploration Targets and Exploration Results is based on information compiled by Dr David Jefferson who is a Member of the Institute of Materials, Minerals and Mining, a 'Recognized Professional Organization' (RPO) including in the list promulgated by the ASX from time to time. Dr Jefferson is a consultant working for SRK Exploration Services Ltd and has been engaged by Cassius Mining Ltd to prepare documentation for the Soalara Limestone Property. He has sufficient experience which is related to the style of mineralization and type of deposit under consideration and to the activity which has been undertaken, to qualify as Competent Person as define by the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves", Dr. Jefferson consents to the report being issued in the form and context in which its appears.

² The potential quality and grade range is conceptual in nature. Its uncertain if further exploration will result in the estimation of a Minerals Resource.

³ The area used in the Exploration Target estimate is based on consideration of the geological, geomorphological and anthropogenic features that could impose constraints on the extent of an open-pit limestone deposit. An area of approximately 5km² is considered to be most prospective to exploitation.

CORPORATE GOVERNANCE STATEMENT

In recognising the need for the highest standards of corporate behaviour and accountability, the directors of Cassius Mining Limited (“the Company”) have adhered to the principles of corporate governance and this statement outlines the main corporate practices in place throughout the financial year. The ASX Corporate Governance Council has released revised Corporate Governance Principles and Recommendations – 3rd Edition. Having regard to the size of the Company and the nature of its enterprise, it is considered that the Company complies as far as possible with the spirit and intentions of the ASX Corporate Governance Council’s Corporate Governance Principles and Recommendations as set out below. Unless otherwise stated, the practices were in place for the entire year.

1. Board of Directors

The Board of Directors of the Company is responsible for the corporate governance of the Company. The Board guides and monitors the business and affairs of the Company on behalf of the shareholders by whom they are elected and to whom they are accountable.

As the Board acts on behalf of shareholders, it seeks to identify the expectations of shareholders, as well as other ethical expectations and obligations. In addition, the Board is responsible for identifying areas of significant business risk and ensuring arrangements are in place to adequately manage those risks.

The primary responsibilities of the Board include:

- formulation and approval of the strategic direction, objectives and goals of the Company;
- monitoring the financial performance of the Company, including approval of the Company’s financial statements;
- ensuring that adequate internal control systems and procedures exist and that compliance with these systems and procedures is maintained;
- the identification of significant business risks and ensuring that such risks are adequately managed;
- the review of performance and remuneration of executive directors; and
- the establishment and maintenance of appropriate ethical standards.

The responsibility for the operation and administration of the Company is carried out by the directors, who operate in an executive capacity, supported by senior professional staff. The Board ensures that this team is suitably qualified and experienced to discharge its responsibilities, and assesses on an ongoing basis the performance of the management team, to ensure that management’s objectives and activities are aligned with the expectations and risks identified by the board.

The names of directors in office at any time during or since the end of the year are:

Director	Appointed	Resigned
W Kernaghan	30 June 2005	-
A Karam	31 October 2014	-
J Arkoudis	31 October 2014	-
D Chidlow	8 June 2017	

For information in respect to each director refer to the directors’ report.

2. Independent Directors

ASX guidelines recommends that the majority of the board should be independent directors. The Company has been in compliance with this recommendation for the full year.

3. Board Composition

When the need for a new director is identified, selection is based on the skills and experience of prospective directors, having regard to the present and future needs of the Company. Any director so appointed must then stand for election at the next Annual General Meeting of the Company.

CORPORATE GOVERNANCE STATEMENT

4. Terms of Appointment as a Director

The constitution of the Company provides that a director other than the Managing Director may not retain office for more than three calendar years or beyond the third Annual General Meeting following his or her election, whichever is longer, without submitting for re-election. One third of the directors must retire each year and are eligible for re-election. The directors who retire by rotation at each Annual General Meeting are those with the longest length of time in office since their appointment or last election.

5. Board Committees

(5) The Remuneration Committee

The Company did not have a Remuneration Committee for the year ended 30 June 2019. This was because the Company had decided in prior years that the functions of the remuneration committee would be conducted by the full board.

(b) The Audit Committee

The Company did not have a Audit Committee for the year ended 30 June 2019. This was because the Company had decided in prior years that the functions of the audit committee would be conducted by the full board.

6. Remuneration

Remuneration and other terms of employment of executives, including executive directors, are reviewed periodically by the Board having regard to performance, relevant comparative information and, where necessary, independent expert advice. Remuneration packages are set at levels that are intended to attract and retain executives capable of managing the Company's operations.

The terms of engagement and remuneration of executive directors is reviewed periodically by the Board. Where the remuneration of a particular executive director is to be considered, the director concerned does not participate in the discussion or decision-making.

7. Conflict of Interest

The directors must keep the Company informed, on an ongoing basis, of any interest that could potentially conflict with those of the Company. Where the Board believes a significant conflict exists, the director concerned does not receive the relevant board papers and is not present at the meeting whilst the item is considered.

8. Independent Professional Advice

Directors have the right, in connection with their duties and responsibilities as directors, to seek independent professional advice at the Company's expense. Prior approval of the Chairman is required, which will not be unreasonably withheld.

9. Code of Conduct

In view of the size of the Company and the nature of its activities, the Board has considered and adopted a code of conduct which is appropriate to guide executives, management and employees in carrying out their duties and responsibilities.

10. Diversity Policy

The Company has not established a diversity policy. There are currently no women on the board of the Company or in senior management roles. This will be reviewed in accordance with the next review of the Board's skills and requirements.

11. Make Timely and Balanced Disclosures

The Board has in place written policies and procedures to ensure the Company complies with its obligations under the continuous disclosure rule 3.1 and other ASX Listing Rule disclosure requirements.

CORPORATE GOVERNANCE STATEMENT

12. Communication to Market & Shareholders

The Board of Directors aims to ensure that the shareholders, on behalf of whom they act, are informed of all information necessary to assess the performance of the directors and the Company. Information is communicated to shareholders and the market through:

- the Annual Report which is available to all shareholders;
- other periodic reports which are lodged with ASX and available for shareholder scrutiny;
- other announcements made in accordance with ASX Listing Rules;
- special purpose information memoranda issued to shareholders as appropriate;
- the Annual General Meeting and other meetings called to obtain approval for board action as appropriate; and
- the Company's website.

13. Share Trading

Dealings are not permitted at any time whilst in the possession of price sensitive information not already available to the market. In addition, the Corporations Act 2001 prohibits the purchase or sale of securities whilst a person is in possession of inside information.

14. External Auditors

The external auditor is A D Danieli Audit Pty Ltd. The external auditor is invited to attend the Annual General Meeting and is available to answer shareholder questions about the conduct of the audit and the preparation and content of the auditor's report.

Details of the Company's corporate governance practices can be viewed at www.cassiusmining.com

DIRECTORS' REPORT

Your Directors submit their report together with the financial statements of the Group, being the Company and its controlled entities, for the financial year ended 30 June 2019.

Directors

The names of directors in office at any time during or since the end of the year are:

Director	Appointed	Resigned
W Kernaghan	30 June 2005	-
A Karam	31 October 2014	-
J Arkoudis	31 October 2014	-
D Chidlow	8 June 2017	-

Directors have been in office since the start of the financial year to the date of this report unless otherwise stated.

Information on Current Directors

James Arkoudis Independent Executive Director, Chief Executive Officer

Mr Arkoudis boasts over twenty years commercial experience as a solicitor until 2013. Most recently he has developed an expertise in the mining Law and administrative practice of the mining sector in the Republic of Ghana. Mr Arkoudis also has wide experience in litigation matters including matters involving mining companies. Mr Arkoudis has also previously been a director of an ASX Listed mining Company.

Anthony Karam Independent, Executive Director, Managing Director

Mr Karam has previously been a managing director of an ASX listed mining Company for over 5 years. Mr Karam is a solicitor of the Supreme Court of New South Wales and has worked as a lawyer in the corporate and commercial spheres for the over 20 years. He has been instrumental in identifying, negotiating terms and documenting several significant commercial transactions. Anthony's services as a corporate management consultant have been utilised by a number of Public companies. Mr Karam has a LLB/B.Com (Fin) from the University of New South Wales. During the past three years Mr Karam has held and is currently a director of Esperance Minerals Limited from 7 February 2019.

David Chidlow Independent, Non-Executive Director, Technical Director

Mr Chidlow has an Honours degree in Geology from Southampton University, England, and over 35 years' experience in resource exploration and development. The focus of David's career has been providing specialised professional services for developing major resources projects globally. David has worked in some of the harshest conditions in the industry including the Southern Highlands of Papua New Guinea, the Libyan Desert, Kuwait, and North Sea oil rigs.

David's expertise in project management and ability to deliver major projects are extremely well regarded in the resources industry, having been head hunted on several occasions for significant projects. Most recently, David was engaged as an expert consult by ExxonMobil to oversee and deliver key components of ExxonMobil's LNG Hides Project in PNG.

Wayne John Kernaghan B.Bus, ACA, FAICD, FCIS Non-Executive Director and Company Secretary

Wayne Kernaghan is a member of the Institute of Chartered Accountants in Australia with over 30 years' experience in various areas of the mining industry. He is a Fellow of the Australian Institute of Company Directors and a Chartered Secretary. During the past three years Mr Kernaghan has held and is currently a director of Cullen Resources Limited from 11 November 1997.

DIRECTORS' REPORT

Directors' Interests

Directors' interests in the shares and options of the company were:

Director	Direct		Indirect	
	Shares	Various Options	Shares	Various Options
W Kernaghan	-	-	11,562,500	-
A Karam	-	-	8,543,750	1,828,125
J Arkoudis	-	-	11,240,375	1,875,000
D Chidlow	-	-	15,721,162	-

Principal Activities

The principal activities of the Group during the financial year were mining and mineral exploration and seeking mining exploration opportunities. There was no significant change in the nature of the Group's principal activities during the financial year.

Review & Results of Operations

Cassius Mining Limited ("Cassius") is involved in mining and mineral exploration. The net loss after providing for income tax amounted to \$419,848 (2018: \$619,307).

At 30 June 2019 the company had a 68.50% interest in the Gbane Project in Ghana, West Africa which is highly prospective for gold. The Company can increase its interest to 70% by direct investment in the project, with the option of acquiring a 100% interest in accordance with the terms of the Joint Venture.

Limited exploration work was carried out during the year on its Soalara Limestone Project in Madagascar.

Dividends Paid or Recommended

The directors do not recommend the payment of a dividend for this financial year. No dividend has been declared or paid by the Company since the end of the previous financial year.

Financial Position

The net assets of the Group have decreased by \$419,848 to \$11,455,764 at 30 June 2019.

Future Developments, Prospects & Business Strategies

Cassius is committed to exploring and developing its existing exploration properties and looking for other opportunities.

Environmental Issues

The exploration and mining activities of the Group in Ghana and Madagascar are subject to environmental regulation under the laws of Ghana and Madagascar. The environmental laws and regulations in Ghana and Madagascar address the impact of the consolidated entity's activities in the areas of water and air quality, noise, surface disturbance and impact on flora and fauna. The directors are not aware of any environmental matter which would have a materially adverse impact on the overall business of the Group.

Significant Changes in State of Affairs

In the opinion of the directors there were no significant changes in the state of affairs of the consolidated entity that occurred during the financial year, not otherwise disclosed in this report or the consolidated accounts.

DIRECTORS' REPORT

After Balance Sheet Date Events

There has not arisen in the interval between the end of the financial year and the date of this report any item, transaction or event of a material and unusual nature likely, in the opinion of the directors of Cassius Mining Limited, to affect the operations of the Group, the results of those operations or the state of affairs of the consolidated entity in the subsequent financial years.

Directors' Meetings

The number of Directors' Meetings of Cassius Mining Limited held during the financial year ended 30 June 2019 and the number of meetings attended by each director are as follows:

Name	Directors Meetings	
	Eligible to Attend	Attended
W Kernaghan	3	3
A Karam	3	3
J Arkoudis	3	3
D Chidlow	3	3

* There are no audit or remuneration committees as the full Board carried out the duties of these committees.

As well as formal directors' meetings, executive and non-executive directors are in frequent communication.

Options

At the date of this report the Company had 12,374,999 and at 30 June 2019 the Company had 12,374,999 (2018: 21,749,999) unlisted options on issue over unissued ordinary shares and the details are as follows:

Type	Grant Date	Number	Exercise Price	Expiry Date
Unlisted	5 June 2017	9,374,999	\$0.24	5 June 2020
Unlisted	1 May 2018	3,000,000	\$0.11	15 December 2020

During the year nil (2018: 27,031,250) fully paid ordinary shares were issued by virtue of the exercise of options. Since the end of the financial year nil (2018: nil) shares have been issued by virtue of the exercise of options.

During the year 9,375,000 (2018:Nil) unlisted options exercisable at \$0.24 expired.

During the year nil (2018:3,000,000) unlisted options were issued during the year as part consideration for consulting services.

Remuneration Report (Audited)

This report details the nature and amount of remuneration for each director of Cassius Mining Limited.

Remuneration Policy

The remuneration policy of Cassius Mining Limited has been designed to align director objectives with shareholder and business objectives by providing a fixed remuneration component and offering specific long-term incentives based on key performance areas affecting the consolidated group's financial results. The board of Cassius Mining Limited believes the remuneration policy to be appropriate and effective in its ability to attract and retain the best executives and directors to run and manage the consolidated group as well as create goal congruence between directors and shareholders.

DIRECTORS' REPORT

Company Performance, Shareholders' Wealth & Director Remuneration

The remuneration policy, setting the terms and conditions for the executive directors was developed by the board. All executives receive a base salary (which is based on factors such as length of service and experience), options and incentives. The board reviews executive packages annually by reference to comparable information from industry sectors and other listed companies in similar industries. The board policy is to remunerate non-executive directors at market rates for comparable companies for time, commitment and responsibilities. The board determines payments to the non-executive directors and reviews their remuneration annually, based on market practice, duties and accountability. Independent external advice is sought when required. The maximum aggregate amount of directors' fees that can be paid to non-executive directors is subject to approval by shareholders at the Annual General Meeting. Non-Executive Directors' fees are not linked to the performance of the Company.

During the year no remuneration was based on any performance conditions, including Company or personal performance.

To align directors' interests with shareholder interests, the directors are encouraged to hold shares in the Company.

Compensation Practices

The board's policy for determining the nature and amount of compensation of key management for the Company is:

The remuneration for executive officers, including executive directors is based on a number of factors, including length of service, particular experience of the individual concerned, and overall performance of the Company. There are no formal written contracts in place, and normal employment arrangements are adhered to. Upon retirement, specified directors and executives are paid employee benefit entitlements accrued to the date of retirement. Any options not exercised before or on the date of termination lapse.

Key Management Personnel Remuneration

The remuneration for each director received during the year was as follows:

Director 2019	Short Term Directors Fees	Short Term Consulting Fees/Salary	Termination Payment	Post Employment Superannuation	Share Based Payments	Total	Performance Related
	\$	\$	\$	\$	\$	\$	%
W Kernaghan	36,000	-	-	3,420	-	39,420	-
A Karam	36,000	-	-	3,420	-	39,420	-
J Arkoudis	36,000	-	-	3,420	-	39,240	-
D Chidlow	36,000	-*	-	3,420	-	39,420	-
	144,000	-	-	13,680	-	157,680	-

* Refer to Note 14

Director 2018	Short Term Directors Fees	Short Term Consulting Fees/Salary	Termination Payment	Post- Employment Superannuation	Share Based Payments	Total	Performance Related
	\$	\$	\$	\$	\$	\$	%
W Kernaghan	36,000	-	-	3,420	-	39,420	-
A Karam	36,000	-	-	3,420	-	39,420	-
J Arkoudis	36,000	-	-	3,420	-	39,240	-
D Chidlow	36,000	-*	-	3,420	-	39,420	-
	144,000	-	-	13,680	-	157,680	-

* Refer to Note 14

Options Granted as Part of Remuneration for the Year Ended 30 June 2019

There were no options granted as part of remuneration for the year ended 30 June 2019 (2018:nil).

DIRECTORS' REPORT

Corporate Governance

In recognising the need for the highest standard of corporate behaviour and accountability, the directors of Cassius Mining Limited support and adhere to the principles of good corporate governance. The Company's corporate governance statement can be found on pages 14 to 16.

Indemnification and Insurance of Directors and Officers

The Company has entered into deeds of indemnity with the Directors indemnifying them against certain liabilities and costs to the extent permitted by law. The Company has paid premiums totaling \$20,700 (2018: \$18,000) in respect of Directors and Officers Liability Insurance and Company reimbursement policies, which covers all Directors and Officers of the company. The policy conditions preclude the Company from any detailed disclosures.

Proceedings on Behalf of Company

No person has applied for leave of Court to bring proceedings on behalf of the Company or intervene in any proceedings to which the Company is a party for the purpose of taking responsibility on behalf of the Company for all or any part of those proceedings.

The Company was not a party to any such proceedings during the year.

Non-Audit Services

The Board of Directors is satisfied that the provision of non-audit services during the year is compatible with the general standard of independence for auditors imposed by the Corporations Act 2001. The directors are satisfied that the services disclosed did not compromise the external auditors' independence for the following reasons:

- all non-audit services are reviewed and approved by the board prior to commencement to ensure they do not adversely affect the integrity and objectivity of the auditor; and
- the nature of the services provided does not compromise the general principles relating to auditor independence in accordance with APES 110: Code of Ethics for Professional Accountants set by the Accounting Professional and Ethical Standards Board. Fees payable to A D Danieli Pty Ltd an associated entity of A D Danieli Audit Pty Ltd are disclosed in Note 12.

Auditor's Independence Declaration

The lead auditor's independence declaration for the year ended 30 June 2019 has been received and can be found on page 22.

The Directors' Report, incorporating the Remuneration Report is signed in accordance with a resolution of the Board of Directors:



W Kernaghan
Director
Sydney, 27 September 2019



A D Danieli Audit Pty Ltd

Authorised Audit Company
ASIC Registered Number 339233
Audit & Assurance Services

Level 1 261 George Street
Sydney NSW 2000

PO Box H88
Australia Square NSW 1215

ABN: 56 136 616 610

Ph: (02) 9290 3099
Fax: (02) 9252 7329

Email: add3@addca.com.au
Website: www.addca.com.au

**Auditor's Independence Declaration
Under Section 307c of The Corporations Act 2001
To the Directors of Cassius Mining Limited
ABN 13 115 027 033
And Controlled Entities**

I declare that, to the best of our knowledge and belief, during the year ended 30 June 2019, there have been no contraventions of:

- i. the auditor independence requirements as set out in the *Corporations Act 2001* in relation to the audit; and
- ii. any applicable code of professional conduct in relation to the review.

A D DANIELI AUDIT PTY LTD

Allan Facey

Sydney, 27 September 2019

CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND COMPREHENSIVE INCOME

for the year ended 30 June 2019

	Note	2019 \$	2018 \$
Continuing operations			
Revenue	2	4,077	17,921
Exploration expenditure		(76,517)	(91,890)
Share based payments	11	-	(118,200)
Operating expenses		(347,408)	(427,138)
Profit/(Loss) before income tax		(419,848)	(619,307)
Income tax expense	3	-	-
Net Profit/(Loss) from continuing operations		(419,848)	(619,307)
Other comprehensive income for the year, net of tax		-	-
Total comprehensive income for the year attributable to members of parent entity		(419,848)	(619,307)
Earnings per share			
From continuing operations:			
Basic loss per share (cents per share)	16	(0.16)	(0.25)
Diluted loss per share (cents per share)	16	(0.16)	(0.25)

(The accompanying notes form part of these financial statements.)

CONSOLIDATED STATEMENT OF FINANCIAL POSITION

at 30 June 2019

	Note	2019 \$	2018 \$
CURRENT ASSETS			
Cash and cash equivalents	4	348,184	1,809,585
Trade and other receivables	5	589	5,664
TOTAL CURRENT ASSETS		<u>348,773</u>	<u>1,815,249</u>
NON-CURRENT ASSETS			
Exploration expenditure	6	917,456	917,456
Investments accounted for using the equity method	7	10,218,596	9,310,995
TOTAL NON-CURRENT ASSETS		<u>11,136,052</u>	<u>10,228,451</u>
TOTAL ASSETS		<u>11,484,825</u>	<u>12,043,700</u>
CURRENT LIABILITIES			
Trade and other payables	8	29,061	168,088
TOTAL CURRENT LIABILITIES		<u>29,061</u>	<u>168,088</u>
TOTAL LIABILITIES		<u>29,061</u>	<u>168,088</u>
NET ASSETS		<u>11,455,764</u>	<u>11,875,612</u>
EQUITY			
Issued capital	9	45,280,946	45,280,946
Reserves	10	568,200	568,200
Accumulated losses		<u>(34,393,382)</u>	<u>(33,973,534)</u>
TOTAL EQUITY		<u>11,455,764</u>	<u>11,875,612</u>

(The accompanying notes form part of these financial statements.)

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

for the year ended 30 June 2019

	Issued Capital \$	Reserves (Note 10) \$	Accumulated Losses \$	Total Equity \$
Balance at 1 July 2017	43,495,946	1,370,000	(33,354,227)	11,511,719
<i>Comprehensive income for the period</i>				
Loss for the period	-	-	(619,307)	(619,307)
<i>Transaction with owners in their capacity as owners</i>				
Value of options exercised	920,000	(920,000)	-	-
Exercise of options	865,000	-	-	865,000
Issue of options	-	118,200	-	118,200
Balance at 30 June 2018	45,280,946	568,200	(33,973,534)	11,875,612
 Balance at 1 July 2018	 45,280,946	 568,200	 (33,973,534)	 11,875,612
<i>Comprehensive income for the period</i>				
Loss for the period	-	-	(419,848)	(419,848)
Balance at 30 June 2019	45,280,946	568,200	(34,393,382)	11,455,764

(The accompanying notes form part of these financial statements.)

CONSOLIDATED STATEMENT OF CASH FLOWS

for the year ended 30 June 2019

	Note	2019 \$	2018 \$
Cash flows from Operating Activities			
Interest received		4,077	17,921
Payments to suppliers and employees		(557,877)	(1,086,949)
Net Cash (used in) provided by Operating Activities	22	<u>(553,800)</u>	<u>(1,069,028)</u>
Cash flows from Investing Activities			
Investments accounted for using the equity method		(907,601)	(4,389,662)
Net Cash (used in) provided by Investing Activities		<u>(907,601)</u>	<u>(4,389,662)</u>
Cash flows from Financing Activities			
Proceeds from share and option issues (Net of expenses)		-	865,000
Net Cash provided by (used in) Financing Activities		<u>-</u>	<u>865,000</u>
Net increase/(decrease) in cash held		(1,461,401)	(4,593,690)
Cash at beginning of the year	4	<u>1,809,585</u>	<u>6,403,275</u>
Cash at end of the year	4	<u>348,184</u>	<u>1,809,585</u>

(The accompanying notes form part of these financial statements.)

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

1. Summary of Significant Accounting Policies

The financial statements are general purpose financial statements that have been prepared in accordance with Australian Accounting Standards including Australian Accounting Interpretations, other authoritative pronouncements of the Australian Accounting Standards Board and the Corporations Act 2001.

The financial statements include the consolidated entity consisting of Cassius Mining Limited and its subsidiaries. The parent entity Cassius Mining Limited is a public listed Company incorporated and domiciled in Australia.

The financial statements of the consolidated entity consisting of Cassius Mining Limited and its controlled entities comply with all International Financial Reporting Standards (IFRS) in their entirety.

The following is a summary of the material accounting policies adopted by the consolidated group in the preparation of the financial statements. The accounting policies have been consistently applied, unless otherwise stated.

Basis of Preparation

The accounting policies set out below have been consistently applied to all years presented.

Reporting Basis and Conventions

The financial statements have been prepared using the accrual basis of accounting and are based on historical cost modified where applicable by the measurement at fair value of selected non-current assets, financial assets and liabilities.

New and Revised Accounting Standards and Interpretations

Cassius Mining Limited and its subsidiaries have adopted all new and amended Accounting Standards and Interpretations which were applicable as of 1 July 2018.

Adoption of these new Standards and Interpretations did not have any effect on the financial position or performance of the consolidated entity.

Cassius Mining Limited and its controlled entities have not early adopted any other standards or amendments that are issued but not yet effective.

Going Concern

The accounts have been prepared on the going concern basis, which contemplates continuity of normal business activities and the realisation of assets and liabilities in the normal course of business.

The Consolidated Entity had cash and cash equivalents of \$348,184 at 30 June 2019. The directors acknowledge that continued exploration and development of the consolidated group's mineral exploration projects will necessitate further capital raisings.

The Consolidated Entity remains dependent on its ability to raise funding in volatile capital markets. However, the directors continue to believe that the going concern basis of accounting by the Consolidated Entity is appropriate as the Consolidated Entity has previously successfully completed a capital raising, notwithstanding the challenging conditions in equity markets.

In consideration of the above matters, the directors have determined that it is reasonably foreseeable that the Consolidated Entity will continue as going concern and that it is appropriate that the going concern method of accounting be adopted in the preparation of the financial statements. In the event that the Consolidated Entity is unable to continue as a going concern (due to inability to raise future funding requirements), it may be required to realise its assets at amounts different to those currently recognised, settle liabilities other than in the ordinary course of business and make provisions for other costs which may arise as a result of cessation or curtailment of normal business operations.

Accordingly, the financial statements do not include adjustments relating to the recoverability and classification of assets amount or to the amounts and classification of liabilities that might be necessary if the Consolidated Entity does not continue a going concern.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

a. Principles of Consolidation

The consolidated financial statements incorporate the assets, liabilities and results of entities controlled by Cassius Mining Limited at the end of the reporting period.

A controlled entity is any entity controlled by the Company. Control exists where the Company has the capacity to dominate the decision-making in relation to the financial and operating policies of another entity so that the other entity operates with the Company to achieve the objectives of the Company.

A list of controlled entities is contained in Note 15 to the Financial Statements. All controlled entities have a June financial year end. All inter-company balances and transactions between entities in the consolidated group, including any unrealised profits or losses, have been eliminated on consolidation.

Where controlled entities have entered or left the consolidated group during the year, their financial performance has been included from the date control was obtained or until the date control ceased.

b. Mining Tenements & Deferred Exploration, Evaluation & Development Expenditure

Mining tenements are carried at cost, less accumulated impairment losses.

Mineral exploration, evaluation and development expenditure incurred is accumulated in respect of each identifiable area of interest. These costs are only carried forward to the extent that they are expected to be recouped through the successful development of the area of interest or sale of that area of interest, or exploration and evaluation activities have not reached a stage which permits a reasonable assessment of the existence or otherwise of economically recoverable reserves and active or significant operations in or in relation to, the area of interest are continuing.

Accumulated costs in relation to an abandoned area are written off in full against profit in the year in which the decision to abandon the area is made.

A regular review is undertaken of each area of interest to determine the appropriateness of continuing to carry forward costs in relation to that area of interest.

c. Goods & Services Tax

Revenues, expenses and assets are recognised net of the amount of goods and services tax (GST), except where the amount of GST incurred is not recoverable from the Australian Tax Office (ATO). In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense. Receivables and payables are stated with the amount of GST included.

The net amount of GST recoverable from, or payable to, the ATO is included as a current asset or liability in the statement of financial position.

Cash flows are presented in the Statement of Cash Flows on a gross basis, except for the GST component of investing and financing activities, which are disclosed as operating cash flows.

d. Impairment of Assets

At each reporting date, the consolidated group reviews the carrying values of its tangible and intangible assets to determine whether there is any indication that those assets have been impaired. If such an indication exists, the recoverable amount of the asset, being the higher of the asset's fair value less costs to sell and value in use, is compared to the asset's carrying value. Any excess of the asset's carrying value over its recoverable amount is expensed to the consolidated statement of profit or loss and comprehensive income.

Where it is not possible to estimate the recoverable amount of an individual asset, the Consolidated Group estimates the recoverable amount of the cash-generating unit to which the asset belongs.

e. Income Tax

The charge for current income tax expense is based on the profit for the year adjusted for any non-assessable or disallowed items. It is calculated using the tax rates and tax laws that have been enacted or are subsequently enacted by the reporting date.

Current tax losses for current and prior periods are not recognised as an asset as the future income tax benefit can be carried forward only as an asset where realisation of the benefit can be regarded as being probable.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

f. Cash & Cash Equivalents

For the purpose of the statement of cash flows, cash includes:

- cash on hand and at call deposits with banks or financial institutions, net of bank overdrafts; and
- investments in money market instruments with less than 14 days to maturity.

g. Revenue Recognition

Interest revenue is recognised using the effective interest rate method which for floating rate financial assets, is the rate inherent in the instrument.

Revenue from the rendering of a service is recognised upon the delivery of the service to the customers. All revenue is stated net of the amount of goods and services tax (GST).

h. Business Combinations

Business combinations occur where control over another business is obtained and results in the consolidation of its assets and liabilities. All business combinations, including those involving entities under common control, are accounted for by applying the purchase method.

The purchase method requires an acquirer of the business to be identified and for the cost of the acquisition and fair values of identifiable assets, liabilities and contingent liabilities to be determined as at acquisition date, being the date that control is obtained.

Cost is determined as the aggregate of fair values of assets given, equity issued and liabilities assumed in exchange for control together with costs directly attributable to the business combination. Any deferred consideration payable is discounted to present value using the entity's incremental borrowing rate.

Goodwill is recognised initially at the excess of cost over the acquirer's interest in the net fair value of the identifiable assets, liabilities and contingent liabilities recognised. If the fair value of the acquirer's interest is greater than cost, the surplus is immediately recognised in profit or loss.

i. Joint Venture Interests

An interest in a joint venture operation is brought to account by including in the respective financial statement categories:

- the consolidated entity's share in each of the individual assets employed in the joint venture;
- liabilities incurred by the consolidated entity in relation to the joint venture including the economic entity's share of any liabilities for which the consolidated entity is jointly and/or severally liable; and
- The consolidated entity's share of expenses of the joint venture.

j. Financial Instruments

Recognition & Initial Measurement

Financial assets and financial liabilities are recognised when the entity becomes a party to the contractual provisions to the instrument. For financial assets, this is equivalent to the date that the Company commits itself to either the purchase or sale of the asset (ie trade date accounting is adopted).

Financial instruments are initially measured at fair value plus transaction costs, except where the instrument is classified 'at fair value through profit or loss', in which case transaction costs are expensed to the statement of comprehensive income.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

Classification & Subsequent Measurement

Financial instruments are subsequently measured at either of fair value, amortised cost using the effective interest rate method, or cost. *Fair value* represents the amount for which an asset could be exchanged or a liability settled, between knowledgeable, willing parties. Where available, quoted prices in an active market are used to determine fair value. In other circumstances, valuation techniques are adopted.

Amortised cost is calculated as:

- a. the amount at which the financial asset or financial liability is measured at initial recognition;
- b. less principal repayments;
- c. plus or minus the cumulative amortisation of the difference, if any, between the amount initially recognised and the maturity amount calculated using the *effective interest method*; and
- d. less any reduction for impairment.

The *effective interest method* is used to allocate interest income or interest expense over the relevant period and is equivalent to the rate that exactly discounts estimated future cash payments or receipts (including fees, transaction costs and other premiums or discounts) through the expected life (or when this cannot be reliably predicted, the contractual term) of the financial instrument to the net carrying amount of the financial asset or financial liability. Revisions to expected future net cash flows will necessitate an adjustment to the carrying value with a consequential recognition of an income or expense in the statement of comprehensive income.

The Group does not designate any interests in subsidiaries, associates or joint venture entities as being subject to the requirements of accounting standards specifically applicable to financial instruments.

i. *Financial assets at fair value through the Statement of Comprehensive Income*

Financial assets are classified at 'fair value through profit or loss' when they are either held for trading for the purpose of short-term profit taking, derivatives not held for hedging purposes, or when they are designated as such to avoid an accounting mismatch or to enable performance evaluation where a group of financial assets is managed by key management personnel on a fair value basis in accordance with a documented risk management or investment strategy. Such assets are subsequently measured at fair value with changes in carrying value being included in the Statement of Comprehensive Income.

ii. *Loans and receivables*

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market and are subsequently measured at amortised cost.

iii. *Held-to-maturity investments*

Held-to-maturity investments are non-derivative financial assets that have fixed maturities and fixed or determinable payments, and it is the Group's intention to hold these investments to maturity. They are subsequently measured at amortised cost.

iv. *Available-for-sale financial assets*

Available-for-sale financial assets are non-derivative financial assets that are either not suitable to be classified into other categories of financial assets due to their nature, or they are designated as such by management. They comprise investments in the equity of other entities where there is neither a fixed maturity nor fixed or determinable payments.

v. *Financial liabilities*

Non-derivative financial liabilities (excluding financial guarantees) are subsequently measured at amortised cost.

Fair Value

Fair value is determined based on current bid prices for all quoted investments. Valuation techniques are applied to determine the fair value for all unlisted securities, including recent arm's length transactions, reference to similar instruments and option pricing models.

Impairment

At each reporting date, the Group assesses whether there is objective evidence that a financial instrument has been impaired. In the case of available-for-sale financial instruments, a prolonged decline in the value of the instrument is considered to determine whether an impairment has arisen. Impairment losses are recognised in the Statement of Comprehensive Income.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

Derecognition

Financial assets are derecognised where the contractual rights to receipt of cash flows expires or the asset is transferred to another party whereby the entity no longer has any significant continuing involvement in the risks and benefits associated with the asset. Financial liabilities are derecognised where the related obligations are either discharged, cancelled or expired. The difference between the carrying value of the financial liability extinguished or transferred to another party and the fair value of consideration paid, including the transfer of non-cash assets or liabilities assumed, is recognised in the Statement of Comprehensive Income.

k. Foreign Currency Transactions and Balances

Functional & Presentation Currency

The functional currency of each of the Group's entities is measured using the currency of the primary economic environment in which that entity operates. The consolidated financial statements are presented in Australian dollars which is the parent entity's functional and presentation currency.

Transaction & Balances

Foreign currency transactions are translated into functional currency using the exchange rates prevailing at the date of the transaction. Foreign currency monetary items are translated at the year-end exchange rate. Non-monetary items measured at historical cost continue to be carried at the exchange rate at the date of the transaction. Non-monetary items measured at fair value are reported at the exchange rate at the date when fair values were determined.

Exchange differences arising on the translation of monetary items are recognised in the statement of comprehensive income, except where deferred in equity as a qualifying cash flow or net investment hedge.

Exchange differences arising on the translation of non-monetary items are recognised directly in equity to the extent that the gain or loss is directly recognised in equity, otherwise the exchange difference is recognised in the statement of comprehensive income.

Group Companies

The financial results and position of foreign operations whose functional currency is different from the Group's presentation currency are translated as follows:

- assets and liabilities are translated at year-end exchange rates prevailing at that reporting date;
- income and expenses are translated at average exchange rates for the period; and
- retained earnings are translated at the exchange rates prevailing at the date of the transaction.

Exchange differences arising on translation of foreign operations are transferred directly to the Group's foreign currency translation reserve in the statement of comprehensive income. These differences are recognised in the statement of comprehensive income in the period in which the operation is disposed.

l. Employee Benefits

Provision is made for the Company's liability for employee benefits arising from services rendered by employees to balance date. Employee benefits that are expected to be settled within the year have been measured at the amounts expected to be paid when the liability is settled. Employee benefits payable later than one year are measured at the present value of the estimated future cash outflows to be made for those benefits. Those cashflows are discounted using market yields on national government bonds with terms to maturity that match the expected timing of cashflows.

Superannuation commitments: Each employee nominates their own superannuation fund to which Cassius Mining Limited contributes the compulsory superannuation amount.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

m. Critical Accounting Estimates & Judgments

The directors evaluate estimates and judgments incorporated into the financial report based on historical knowledge and best available current information. Estimates assume a reasonable expectation of future events and are based on current trends and economic data, obtained both externally and within the Group.

Key estimates

(i) *Impairment*

The Group assesses impairment at each reporting date by evaluating conditions and events specific to the Group that may be indicative of impairment triggers. Recoverable amounts of relevant assets are reassessed using value-in-use calculations which incorporate various key assumptions.

Key judgements

(i) *Exploration and Evaluation Expenditure*

All exploration expenditure is reviewed by Directors to determine whether it is appropriate to capitalise any of these costs. All expenditure to date has been fully expensed.

n. Property, Plant & Equipment

Each class of property, plant and equipment is carried at cost or fair value as indicated less, where applicable, any accumulated depreciation and impairment losses.

Property & Leasehold Improvement

Freehold land and buildings and leasehold improvements are shown at their cost.

Increases in the carrying amount arising on revaluation of land and buildings are credited to a revaluation reserve in equity. Decreases that offset previous increases of the same asset are charged against fair value reserves directly in equity; all other decreases are charged to the statement of comprehensive income. Each year the difference between depreciation based on the revalued carrying amount of the asset charged to the statement of comprehensive income and depreciation based on the asset's original cost is transferred from the revaluation reserve to retained earnings.

Any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset and the net amount is restated to the revalued amount of the asset.

Plant & Equipment

Plant and equipment are measured on the cost basis.

The carrying amount of plant and equipment is reviewed annually by directors to ensure it is not in excess of the recoverable amount from these assets. The recoverable amount is assessed on the basis of the expected net cash flows that will be received from the asset's employment and subsequent disposal. The expected net cash flows have been discounted to their present values in determining recoverable amounts.

The cost of fixed assets constructed within the consolidated group includes the cost of materials, direct labour, borrowing costs and an appropriate proportion of fixed and variable overheads.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. All other repairs and maintenance are charged to the consolidated statement of profit or loss and comprehensive income during the financial period in which they are incurred.

Depreciation

The depreciable amount of all fixed assets including buildings and capitalised lease assets, but excluding freehold land, is depreciated on a straight-line basis over the asset's useful life to the consolidated group commencing from the time the asset is held ready for use. Leasehold improvements are depreciated over the shorter of either the unexpired period of the lease or the estimated useful lives of the improvements.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

The depreciation rates used for each class of depreciable assets are:

	Class of Fixed Asset	Depreciation Rate
The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at each balance sheet date.	Buildings	5% - 10%
	Leasehold improvements	10% - 33.33%
	Plant and equipment	20% - 33.33%
	Motor vehicles	33.33%

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains and losses are included in the statement of comprehensive income. When revalued assets are sold, amounts included in the revaluation reserve relating to that asset are transferred to retained earnings.

o. Provisions

Provisions are recognised when the Company has a legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

Provisions are measured using the best estimate of the amounts required to settle the obligation at the end of the reporting period.

Costs of site restoration are provided over the life of the project from when exploration commences and are included in the costs of that stage. Site restoration costs include the dismantling and removal of mining plant, equipment and building structures, waste removal and rehabilitation of the site in accordance with local laws and regulations and clauses of the permits. Such costs have been determined using estimates of future costs, current legal requirements and technology on an undiscounted basis.

Any changes in the estimates for the costs are accounted on a prospective basis. In determining the costs of site restoration, there is uncertainty regarding the nature and extent of the restoration due to community expectations and future legislation. Accordingly the costs have been determined on the basis that the restoration will be completed within one year of abandoning the site.

p. Trade and Other Receivables

Trade and other receivables include amounts due from customers for goods sold and services performed in the ordinary course of business. Receivables expected to be collected within 12 months of the end of the reporting period are classified as current assets. All other receivables are classified as non-current assets.

Trade and other receivables are initially recognised at fair value and subsequently measured at amortised cost using the effective interest method, less any provision for impairment. Refer to Note 1(L) for further discussion on the determination of impairment losses.

q. Trade and Other Payables

Trade and other payables represent the liabilities for goods and services received by the entity that remain unpaid at the end of the reporting period. The balance is recognised as a current liability with the amounts normally paid within 30 days of recognition of the liability.

r. Comparative Figures

When required by accounting standards, comparative figures have been adjusted to conform to changes in presentation for the current financial year.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

s. New Accounting Standards and Interpretations

International Accounting Standards and Interpretations that have recently been issued or amended but are not yet effective have not been adopted by the Group for the annual reporting period ended 30 June 2019. These are outlined in the table below.

Reference	Title	Summary	Application date of standard*	Application date for Group*
AASB 16	<i>Leases</i>	AASB 16 requires lessees to account for all leases under a single on-balance sheet model in a similar way to finance leases under AASB 117 <i>Leases</i> . The standard includes two recognition exemptions for lessees – leases of 'low-value' assets (e.g., personal computers) and short-term leases (i.e., leases with a lease term of 12 months or less). At the commencement date of a lease, a lessee will recognise a liability to make lease payments (i.e., the lease liability) and an asset representing the right to use the underlying asset during the lease term (i.e., the right-of-use asset). Lessees will be required to separately recognise the interest expense on the lease liability and the depreciation expense on the right-of-use asset. Lessees will be required to remeasure the lease liability upon the occurrence of certain events (e.g., a change in the lease term, a change in future lease payments resulting from a change in an index or rate used to determine those payments). The lessee will generally recognise the amount of the remeasurement of the lease liability as an adjustment to the right-of-use asset. Lessor accounting is substantially unchanged from today's accounting under AASB 117. Lessors will continue to classify all leases using the same classification principle as in AASB 117 and distinguish between two types of leases: operating and finance leases.	1 January 2019	1 July 2019
AASB 2017-7	<i>Amendments to Australian Accounting Standards – Long-term Interests in Associates and Joint Ventures</i>	This Standard amends AASB 128 <i>Investments in Associates and Joint Ventures</i> to clarify that an entity is required to account for long-term interests in an associate or joint venture, which in substance form part of the net investment in the associate or joint venture but to which the equity method is not applied, using AASB 9 <i>Financial Instruments</i> before applying the loss allocation and impairment requirements in AASB 128.	1 January 2019	1 July 2019
AASB 2018-7	<i>Amendments to Australian Accounting Standards – Definition of Material</i>	This Standard amends AASB 101 <i>Presentation of Financial Statements</i> and AAS 108 <i>Accounting Policies, Changes in Accounting Estimates and Errors</i> to align the definition of 'material' across the standards and to clarify certain aspects of the definition. The amendments clarify that materiality will depend on the nature or magnitude of information. An entity will need to assess whether the information, either individually or in combination with other information, is material in the context of the financial statements. A misstatement of information is material if it could reasonably be expected to influence decisions made by the primary users.	1 January 2020	1 July 2020

The adoption of these new and revised Standards and Interpretations will not have an impact on the financial position or performance of the Group.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

		Consolidated Group	
		2019 \$	2018 \$
		<u> </u>	<u> </u>
2. Revenue and expenses for the year			
(a) Revenue from ordinary activities:			
Interest – other persons		4,077	17,921
		<u>4,077</u>	<u>17,921</u>
(b) Expenses from ordinary activities:			
Operating expenses			
Travel and airfares		4,144	17,843
		<u>4,144</u>	<u>17,843</u>
3. Income Tax			
Operating (loss) before income tax		(419,848)	(619,307)
Prima facie income tax (benefit) calculated at 27.5% (2018:27.5%)		<u>(115,458)</u>	<u>(170,309)</u>
Non-deductible items			
Non-deductible expenses		-	-
Less income tax benefits not brought to account at balance date		<u>115,458</u>	<u>170,309</u>
Total income tax expense		<u>-</u>	<u>-</u>
Potential future income tax benefits estimated at \$11,271,652 (2018: \$11,156,194) attributable to Australian tax losses carried forward by the Company and future benefits to exploration expenditure and other timing differences allowable for deduction have not been brought to account in the consolidated accounts at 30 June 2019 because the Directors do not believe it is appropriate to regard full realisation of the future income tax benefits as probable. These benefits will only be obtained if:			
(a)	the consolidated entity derives future assessable income of a nature and of sufficient amount to enable the benefit from the deductions to be realised; and		
(b)	the consolidated entity continues to comply with the conditions for deductibility imposed by tax legislation; and		
(c)	no changes in tax legislation adversely affect the Company in realising the benefit from the deduction in losses.		
4. Cash & Cash Equivalents			
Cash and cash equivalents at the end of the year as shown in the statement of cash flows is reconciled to the related items in the Statement of Financial Position as follows:			
Cash on hand and at bank		<u>348,184</u>	<u>1,809,585</u>
		<u>348,184</u>	<u>1,809,585</u>
5. Trade & Other Receivables			
Current			
Other debtors		589	5,664
		<u>589</u>	<u>5,664</u>
6. Exploration Expenditure			
Costs carried forward in respect of areas of interest in the exploration and evaluation phase			
Opening balance		917,456	917,456
Expenditure incurred during the year		-	-
		<u>917,456</u>	<u>917,456</u>
Less expenditure written off during the year		-	-
Closing balance		<u>917,456</u>	<u>917,456</u>

Refer to Note 17 for further details.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

7. Investments accounted for using the equity method

a. Information about Principal Associates and Joint Ventures

Set out below are the material associates and joint ventures of the Group.

Name	Classification	Place of Business/ Incorporation	Proportion of Ordinary Share Interests/ Participating Share		Measurement Method	Carrying Amount	
			2019 %	2018 %		2019 \$	2018 \$
Gbane Project	Joint venture	Ghana	68.50	66.69	Equity method	10,218,596	9,310,995

Gbane Project is a joint venture between Cassius Mining Limited (Ghana) and Cassius Mining Limited. The primary purpose of the joint venture is to conduct gold exploration project in Bolgatanga, Ghana. Gbane project is classified by the Group as a joint venture. As at 30 June 2019, the Group has a 68.50% (2018:66.69%) economic interest in Gbane Project with additional earn in rights to acquire up to 100% of the joint venture. The Company announced on 23 November 2017 to acquire the balance of the Gbane Joint Venture and the remainder of the licence subject to shareholder approval.

b. Commitments and Contingent Liabilities in Respect of Joint Ventures

The Group has no capital commitments relating to its interest in Gbane Project.

c. Summarised Financial Information for Joint Ventures

Set out below is the summarised financial information for Gbane Project. Unless otherwise stated, the disclosed information reflects the amounts presented in the Australian-Accounting-Standards financial statements of Gbane Project. The following summarised financial information, however, reflects the adjustments made by the Group when applying the equity method, including adjustments for any differences in accounting policies between the Group and the joint venture.

	Gbane Project	
	2019 \$	2018 \$
Summarised Financial Position		
Cash and cash equivalents	-	-
Total current assets	-	-
Total non-current assets	14,917,658	13,961,606
Current financial liabilities (excluding trade and other payables, and provisions)	-	-
Total current liabilities	-	-
Non-current financial liabilities (excluding trade and other payables, and provisions)	-	-
Total non-current liabilities	-	-
NET ASSETS	14,917,658	13,961,606
Group's share (%)	68.50%	66.69%
Group's share of joint venture's net assets	68.50%	66.69%

Reconciliation to Carrying Amounts

Group's share of joint venture's opening net assets	9,310,995	4,921,333
Investments during the period	907,601	4,921,333
Group's share of joint venture's total comprehensive income	-	-
Group's share of dividends paid by joint venture	-	-
Disposals during the period	-	-
Group's share of joint venture's closing net assets	10,218,596	9,310,995

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

	2019 \$	2018 \$
8. Trade & Other Payables		
Current		
Trade Creditors	29,061	168,088
	<u>29,061</u>	<u>168,088</u>
9. Issued Capital		
261,246,390(2018:261,246,390) fully paid ordinary shares	<u>45,280,946</u>	<u>45,280,946</u>

	2019 Number of Shares	2018 Number of Shares	2019 \$	2018 \$
Movements during the year				
Beginning of the financial year	261,246,390	3,747,446,452	45,280,946	43,495,946
20/11/17 Share Consolidation 16 for 1 basis	-	(3,513,231,312)	-	-
08/01/18 issued at 0.032 cents options exercised	-	27,031,250	-	865,000
08/01/18 value of options exercised	-	-	-	920,000
Less share issue expenses	-	-	-	-
End of the financial year	<u>261,246,390</u>	<u>261,246,390</u>	<u>45,280,946</u>	<u>45,280,946</u>

Ordinary shares have the right to receive dividends as declared and, in the event of winding up the Company, to participate in the proceeds from the sale of all surplus assets in proportion to the number of and amounts paid upon shares held.

Ordinary shares entitle their holder to one vote, either in person or by proxy, at a meeting of the Company.

Capital Management

Management controls the capital of the group in order to maintain a good debt to equity ratio, provide the shareholders with adequate returns and ensure that the group can fund its operations and continue as a going concern.

The group's debt and capital includes ordinary share capital and financial liabilities, supported by financial assets. There are no externally imposed capital requirements.

Management effectively manages the group's capital by assessing the group's financial risks and adjusting its capital structure to include the management of debt levels, distributions to shareholders and share issues.

There have been no changes in the strategy adopted by management to control the capital of the group since the prior year.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

Options

At 30 June 2019 there were 12,374,999 (2018: 21,749,999) unissued shares in respect of which options were outstanding and the details of them are as follows:

Type	Grant Date	Number	Exercise Price	Expiry Date
Unlisted	6 June 2017	9,374,999	\$0.24	5 June 2020
	1 May 2018	3,000,000	\$0.11	15 December 2020

During the year, nil (2018: 27,031,250) fully paid ordinary shares were issued by virtue of the exercise of options. Since the end of the financial year nil (2018: nil) shares have been issued by virtue of the exercise of options.

During the year 9,375,000 options exercisable at \$0.24 (2018:nil) expired during the year.

During the year nil (2018:3,000,000) unlisted options were issued during the year as part consideration for consulting services.

	Consolidated Group	
	2019	2018
	\$	\$
10. Reserves		
Share Option Reserve	568,200	568,200
	<u>568,200</u>	<u>568,200</u>
(i) Share Option Reserve		
This relates to the recognition on the issue of options.		
Beginning of the financial year	568,200	1,370,000
Options issued	-	118,200
Options exercised	-	(920,000)
End of the financial year	<u>568,200</u>	<u>568,200</u>
11. Share Based Payments		
Share Based Payments expense	-	118,200
	<u>-</u>	<u>118,200</u>
During the year nil (2018:3,000,000) unlisted options were issued		
During the year as part consideration for consulting services.		
The fair value of the equity settled share options are estimated as		
at the date of allocation using a Binomial Model taking into		
account the terms and conditions upon which they were granted.		
The following table lists the inputs to the models used at the date		
of allocation:		
Expected volatility	-	128.8%
Risk free interest rate	-	2.175%
Exercise price	-	\$0.11
Share price at measurement	<u>-</u>	<u>\$0.063</u>

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

Consolidated Group	
2019	2018
\$	\$
17,960	17,960
7,890	7,500
-	-
<u>25,850</u>	<u>25,460</u>

12. Auditors Remuneration

Remuneration of the auditor (and associated entities) of the parent entity for:

- | | | |
|--------------------------------------|---------------|---------------|
| a. Audit of the financial statements | 17,960 | 17,960 |
| b. Half year review | 7,890 | 7,500 |
| c. Other services | - | - |
| | <u>25,850</u> | <u>25,460</u> |

13. Key Management Personnel Compensation

- (a) Names and positions held of economic and parent entity key management personnel in office at any time during the financial year are:

Name	Appointed	Resigned	Position
W Kernaghan	30 June 2005	-	Non-Executive Director and Company Secretary
A Karam	31 October 2014	-	Managing Director
J Arkoudis	31 October 2014	-	Chief Executive Officer
D Chidlow	8 June 2017	-	Technical Director

Key management personnel remuneration has been included in the Remuneration Report section of the Directors Report.

- (b) Number of options over ordinary shares of the parent held by key management personnel and their related parties:

Company Director	Balance 1/7/2018	Options Issued	Options Exercised	Net Change Other	Option Lapsed	Balance 30/6/2019
W Kernaghan	-	-	-	-	-	-
A Karam	3,153,125	-	-	-	(1,325,000)	1,828,125
J Arkoudis	3,715,625	-	-	-	(1,840,625)	1,875,000
D Chidlow	-	-	-	-	-	-

Company Director	Balance 1/7/2017	Options Issued	Options Exercised	Net Change Other	Option Lapsed	Balance 30/6/2018
W Kernaghan	-	-	-	-	-	-
A Karam	8,434,375*	-	(5,281,250)	-	-	3,153,125
J Arkoudis	8,996,875*	-	(5,281,250)	-	-	3,715,625
D Chidlow	-	-	-	-	-	-

*Number of options adjusted for the share consolidation.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

13. Key Management Personnel Compensation (continued)

(c) Number of shares held by key management personnel and their related parties

Company Director	Balance 1/7/2018	Options Exercised	Net Change Other	Balance 30/6/2019
W Kernaghan	11,562,500	-	-	11,562,500
A Karam	8,543,750	-	-	8,543,750
J Arkoudis	8,543,750	-	2,696,625	11,240,375
D Chidlow	15,721,162	-	-	15,721,162

Company Director	Balance 1/7/2017	Options Exercised	Net Change Other	Balance 30/6/2018
W Kernaghan	11,562,500*	-	-	11,562,500
A Karam	3,262,500*	5,281,250	-	8,543,750
J Arkoudis	3,262,500*	5,281,250	-	8,543,750
D Chidlow	15,721,162*	-	-	15,721,162

*number of shares adjusted for the share consolidation

14. Related Party Transactions

(a) Payments to director related companies

Transactions between related parties are on normal commercial terms and conditions no more favourable than those available to other parties unless otherwise stated.

The Company used the services of Austec MKII Pty Ltd ('Austec') as the lead Project Management consultancy service provider for the Gbane Project. Austec is associated with Mr David Chidlow (he is a director of Austec and is a key service provider) and is therefore deemed to be a related party for disclosure purposes. The services provided by Austec during the period included: Leading the set-up, HSE, planning, operations, budgets and exploration program management of Cassius's gold project in Ghana; regular attendance in Ghana on the Project site and to liaise with regulatory bodies as required; management of all senior operations and external geology specialists, including third party drillers employed/contracted by the Company; provision of environmental and technical support to the project; and providing reports and recommendations to the board. The amounts billed, which related to the management of the Company's exploration activities in Ghana and geological services, amounted to \$120,000 (2018: 240,000) and were based on normal market rates. At the reporting date \$5,000 (2018:\$20,000) was outstanding.

(b) Transactions with partially and wholly owned controlled entities

During the financial year there have been transactions between Cassius Mining Limited, and its partially and wholly owned controlled entities which have been eliminated for consolidation purposes.

(c) Gbane Project

On 26 May 2017 shareholders approved the acquisition of an initial 40% interest in the Gbane project together with the rights to earn up to an additional 30% interest in the Gbane project. This additional 30% interest can be earned by Earn – In contributions whereby every \$1,500,000 earning an additional 5% interest in the Gbane project.

Shareholder approval was required as Messrs Arkoudis and Karam (as directors of the company) were also directors and shareholders of the vendor Cassius Mining with a combined holding of 39.5% interest. Resolutions confirming the Company shareholders' approval of the transaction were passed at the Shareholders Meeting on 26 May 2017.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

15. Economic entity accounts include a consolidation of the following companies:

Company	Contribution to consolidated operating loss		Details of investment in shares Cost of parent entity's investment in subsidiaries	
	2019	2018	2019	2018
	\$	\$	\$	\$
Cassius Mining Limited	(419,848)	(619,307)	-	-
Austral Malagasy Resources Pty Ltd	-	-	-	-
Soalara Calcaire SARL	-	-	763,990	763,990
	<u>(419,848)</u>	<u>(619,307)</u>	<u>763,990</u>	<u>763,990</u>

Company	Place of Incorporation	Date of Acquisition	Class of Shares	2019	2018
Austral Malagasy Resources Pty Ltd	Australia	18.12.09	Ordinary	100%	100%
Soalara Calcaire SARL	Madagascar	18.08.10	Ordinary	100%	100%

16. Earnings per share

	2019	2018
(a) Net (loss) used in continuing and discontinued operations	(419,848)	(619,307)
Net profit/(loss) used in continuing operations	(419,848)	(619,307)
(b) Weighted average number of ordinary shares on issue used in the calculation of basic earnings per share	261,246,390	247,027,212
Weighted average number of options outstanding	-	-
Weighted average number of ordinary shares outstanding during the year used in calculation of dilutive EPS	<u>261,246,390</u>	<u>247,027,212</u>

There are no options considered dilutive as the Company has recorded a loss in the year.

Basic loss per share(cents per share)	<u>(0.16)</u>	<u>(0.25)</u>
Diluted loss per share(cents per share)	<u>(0.16)</u>	<u>(0.25)</u>

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

17. Business Combination

(a) Acquisition of Soalara Calcaire SARL

On 18 August 2010, the Company acquired 100% of Soalara Calcaire SARL, a Company holding the limestone deposit in Madagascar.

Consideration for the acquisition was \$1,070,000 of which \$420,000 was still outstanding at 30 June 2019. The \$420,000 is payable on the first commercial shipment of limestone together with a royalty averaging US\$0.28 per tonne.

	Acquiree's Carrying Amount \$	Fair Value \$
Purchase consideration:		
Cash		1,187,455
Less:		
Exploration expenditure	1,187,455	1,187,455
Identifiable assets acquired and liabilities assumed	1,187,455	1,187,455
 Purchase consideration settled in cash		1,187,455
 Cash outflow on acquisition		1,187,455

18. Capital Commitments

The consolidated entity has certain obligations to perform mining exploration work and expend minimum amounts of money on mineral exploration tenements. The consolidated entity has committed to expend a minimum of \$Nil (2018: Nil) over the next year to keep its current tenements in good standing.

19. Financial Risk Management

The group's financial instruments consist mainly of deposits with banks, accounts receivable and payable and loans to and from subsidiaries. The main risks the group is exposed to through its financial instruments are interest rate risk, foreign currency risk and liquidity risk. The Board of Directors is responsible for overseeing the establishment, implementation and ongoing monitoring and review of an effective risk management framework for the group. The group's risk management policies and objectives are designed to minimise the potential impacts of these risks on the results of the group where such impacts may be material.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

i) Interest Rate Risk

The economic exposure to interest rate risk and the effective weighted interest for classes of financial assets and financial liabilities are set out below:

FIXED MATURITY DATES							
	WEIGHTED AVERAGE EFFECTIVE INTEREST RATE	VARIABLE INTEREST RATE	LESS THAN 1 YEAR	1-2 YEARS	2-3 YEARS	NON INTEREST BEARING	TOTAL
2019	%	\$	\$	\$	\$	\$	\$
Financial assets							
Cash and cash equivalents	0.1%	348,184	-	-	-	-	348,184
Trade and other receivables		-	-	-	-	589	589
		348,184	-	-	-	589	348,773
Financial liabilities							
Trade and other payables		-	-	-	-	29,061	29,061
		-	-	-	-	29,061	29,061

FIXED MATURITY DATES							
	WEIGHTED AVERAGE EFFECTIVE INTEREST RATE	VARIABLE INTEREST RATE	LESS THAN 1 YEAR	1-2 YEARS	2-3 YEARS	NON INTEREST BEARING	TOTAL
2018	%	\$	\$	\$	\$	\$	\$
Financial assets							
Cash and cash equivalents	0.1%	1,809,585	-	-	-	-	1,809,585
Trade and other receivables		-	-	-	-	5,664	5,664
		1,809,585	-	-	-	5,664	1,815,249
Financial liabilities							
Trade and other payables		-	-	-	-	168,088	168,088
		-	-	-	-	168,088	168,088

ii) Net fair values

Monetary financial assets and financial liabilities not readily traded in an organised financial market have been valued at cost, which approximate fair value. The carrying amounts of bank deposits, accounts receivable and, accounts payable approximate net fair value.

iii) Foreign Currency Risk

The consolidated group is exposed to fluctuations in foreign currencies arising from the sale and purchase of goods and services in currencies other than the consolidated group's measurement currency.

iv) Liquidity Risk

The group manages liquidity risk by monitoring forecast cash flows.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

v) Sensitivity Analysis

The group has performed a sensitivity analysis relating to its exposure to foreign currency risk at balance date. This sensitivity analysis demonstrates the effect on the current year results and equity which could result from a change in this risk.

The group has not performed a sensitivity analysis relating to its exposure to interest rate risk at balance date as it is not material and would have limited effect on the current year results.

	Consolidated Group	
	2019	2018
	\$	\$
Currency Risk		
10% Weakening of Australian dollar		
- Profit/(Loss) impact	-	-
10% Strengthening Australian Dollar		
- Profit/(Loss) impact	-	-

Currency risk exposure during the year was limited to inter-company transactions which eliminate on consolidation.

20. Fair Value Measurement

All financial instruments for which fair value is recognised or disclosed are categorised within the fair value hierarchy, described as follow, and based on the lowest level input that is significant to the fair value measurements as a whole:

Level 1 – Quoted market prices in an active market (that are unadjusted) for identical assets or liabilities.

Level 2 – Valuation techniques (for which the lowest level input that is significant to the fair value measurement is directly observable).

Level 3 – Valuation techniques (for which the lowest level input that is significant to the fair value measurement is unobservable).

The following table represents a comparison between the carrying amounts and fair values of assets and liabilities:

	Level	As at 30 June 2019		As at 30 June 2018	
		Carrying amount	Fair value	Carrying amount	Fair value
		\$	\$	\$	\$
Assets					
Cash & cash equivalents	1	348,184	348,184	1,809,585	1,809,585
Trade & other receivables	1	589	589	5,664	5,664
Exploration expenditure	1	917,456	917,456	917,456	917,456
Investments accounted for using equity method	1	10,218,596	10,218,596	9,310,995	9,310,995
Liabilities					
Trade & other payables	1	29,061	29,061	168,088	168,088

The assets and liabilities of the Company are recognised in the consolidated statements of financial position in accordance with the accounting policies set out in Note 1 of the Annual Report.

The Company considers that the carrying amount of assets and liabilities recognised in the consolidated financial statements approximate to their fair value

21. After Balance Sheet Date Events

There has not arisen in the interval between the end of the financial year and the date of this report any item, transaction or event of a material and unusual nature likely, in the opinion of the directors of the parent entity, to affect the operations of the consolidated entity, the results of those operations or the state of affairs of the consolidated entity in the subsequent financial years.

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

22. Cash Flow Information

	Note	Consolidated Group 2019 \$	2018 \$
Loss from ordinary activities after income tax		(419,848)	(619,307)
Non cash flows in loss:			
Share based payment		-	118,200
(Increase)/Decrease in Trade receivables	5	5,075	13,396
Increase/(Decrease) Trade and other payables	8	(139,027)	(581,317)
Operating cash flow		(553,800)	(1,069,028)

23. Segment Information

The consolidated entity operates in two business segments being industrial minerals development and mining exploration, in two geographical locations, being Australia and Africa.

The operating segment analysis presented in these financial statements reflects operations analysis by business. It best describes the way the Company is managed and provides a meaningful insight into the business activities of the Company.

The following tables present details of revenue and operating profit by business segment. The information disclosed in the tables below is derived directly from the internal financial reporting system used by corporate management to monitor and evaluate the performance of our operating segments separately.

(a)	Mineral Exploration	Unallocated	TOTAL Consolidated Group
	\$	\$	\$
2019			
For the year ended 30 June 2019			
Revenue from external customers	-	-	-
Interest & other	-	4,077	4,077
Reportable segment profit/(loss) before income tax	-	(419,848)	(419,848)
Reportable segment assets as at 30 June 2019	11,136,052	348,773	11,484,825
2018			
For the year ended 30 June 2018			
Revenue from external customers	-	-	-
Interest & other	-	17,921	17,921
Reportable segment profit/(loss) before income tax	-	(619,307)	(619,307)
Reportable segment assets as at 30 June 2018	10,228,451	1,815,249	12,043,700

(b) Reconciliation of reportable segment profit and loss.

As at 30 June:

	2019 \$	2018 \$
Total profit or loss for reportable segment	(419,848)	(619,307)
Eliminating of inter-segment profit	-	-
Loss before tax from continuing operations	(419,848)	(619,307)

NOTES TO THE FINANCIAL STATEMENTS

for the year ended 30 June 2019

	2019 \$	2018 \$
(c) Reconciliation of reportable segment assets.		
As at 30 June:		
Reportable segment assets	11,484,825	12,043,700
Elimination of inter-segment assets	-	-
Total assets	<u>11,484,825</u>	<u>12,043,700</u>
(d) Assets by geographical region.		
As at 30 June:		
Australia	348,773	1,815,249
Africa	<u>11,136,052</u>	<u>10,228,451</u>
Total Assets	<u>11,484,825</u>	<u>12,043,700</u>

24. Parent Entity Information

Information relating to Cassius Mining Limited:

STATEMENT OF FINANCIAL POSITION

Current assets	348,773	1,815,249
Total assets	<u>11,484,825</u>	<u>12,043,700</u>
Current liabilities	29,061	168,088
Total liabilities	<u>29,061</u>	<u>168,088</u>
Issued capital	45,280,946	45,280,946
Accumulated losses	(34,393,382)	(33,973,534)
Reserves	568,200	568,200
Total shareholders' equity	<u>11,455,764</u>	<u>11,875,612</u>

STATEMENT OF COMPREHENSIVE INCOME

Profit/(Loss) of the parent entity	<u>(419,848)</u>	<u>(619,307)</u>
Total comprehensive income of the parent entity	<u>(419,848)</u>	<u>(619,307)</u>

Contingent Liabilities

There is \$420,000 outstanding in respect of the purchase of the Company that holds the limestone deposit in Madagascar. This amount is payable when the first commercial shipment of limestone from the project has occurred.

There are no other known contingent liabilities. There have been no changes in contingent liabilities or contingent assets since the last annual reporting date.

Contractual Commitments

At 30 June 2019 Cassius Mining Limited had not entered into any contractual commitments for the acquisition of property, plant or equipment.

DIRECTORS' DECLARATION

The directors of the Company declare that:

- (a) the financial statements and notes of the Consolidated Entity are in accordance with the Corporations Act 2001, and:
 - (i) giving a true and fair view of the Consolidated Entity's financial position as at 30 June 2019 and of its performance for the year ended on that date; and
 - (ii) complying with Australian Accounting Standards (including the Australian Accounting Interpretations) and the Corporations Regulations 2001; and
- (b) the financial statements and notes also comply with International Financial Reporting Standards as disclosed in note 1.
- (c) there are reasonable grounds to believe that the Consolidated Entity will be able to pay its debts as and when they become due and payable.
- (d) this declaration has been made after receiving the declaration required to be made to the directors in accordance with section 295A of the Corporations Act 2001 for the financial year ending 30 June 2019.

This declaration is made in accordance with a resolution of the Board of Directors.

For and on behalf of the Board

A handwritten signature in black ink, appearing to be 'W Kernaghan', with a long horizontal line extending to the right.

W Kernaghan
Director
Sydney, 27 September 2019



A D Danieli Audit Pty Ltd

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Audit & Assurance Services

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**Independent Auditor's Report
To the Members of
Cassius Mining Limited
ABN 13 115 027 033
And Controlled Entities**

Report on the audit of the Financial Report

Opinion

We have audited the consolidated financial report of Cassius Mining Limited and its subsidiaries (the Group), which comprises the consolidated statement of financial position as at 30 June 2019, the consolidated statement of comprehensive income, the consolidated statement of changes in equity and the consolidated statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies, and the directors' declaration.

In our opinion, the accompanying financial report of the Group is in accordance with the *Corporations Act 2001*, including:

- (i) giving a true and fair view of the Group's financial position as at 30 June 2019 and of its financial performance for the year then ended; and
- (ii) complying with Australian Accounting Standards and the *Corporations Regulations 2001*.

Basis for Opinion

We conducted our audit in accordance with Australian Auditing Standards. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Report* section of our report. We are independent of the Group in accordance with the auditor independence requirements of the *Corporations Act 2001* and the ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 *Code of Ethics for Professional Accountants (the Code)* that are relevant to our audit of the financial report in Australia. We have also fulfilled our other ethical responsibilities in accordance with the Code.

We confirm that the independence declaration required by the *Corporations Act 2001*, which has been given to the directors of the Company, would be in the same terms if given to the directors as at the time of this auditor's report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Material Uncertainty Related to Going Concern

Without qualifying our opinion, we draw attention to Note 1 in the financial report, which indicates that the Group had cash and cash equivalents of \$348,184. In addition, we note the Group incurred a loss of \$419,848, cash outgoing of \$1,461,401 and total current net asset of \$319,712. This with the condition noted by the directors as how they expect the Group to continue as a going concern indicate the existence of a material uncertainty which may cast doubt on the Group's ability to continue as a going concern should they be unable to raise additional capital.

Key Audit Matters

Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the financial report of the current period. These matters were addressed in the context of our audit of the financial report as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key Audit Matter	How our Audit Addressed the Key Audit Matter
<i>Investment Accounted for using Equity Method</i>	
During the year Cassius Mining Limited invested an additional \$907,601 in the joint venture resulting in a total investment to date of \$10,218,596. This represents an interest of 68.50% in the joint venture.	We have evaluated the appropriateness of capitalisation policies, performed tests of details on costs capitalised and assessed the timeliness of the transfer of assets in the course of development. There were no exceptions noted from our testing. In performing these procedures, we challenged the judgements made by management including:
As per the agreements, Cassius Mining Limited increases its interest at a rate of 5% for each \$1.5 million spent.	• The nature of underlying costs capitalised as part of the costs of the exploration, evaluation and development asset; and • The allocation of costs to each tenement. Based on our work, we noted no significant issues on the capitalisation of costs incurred.



Impairment of Assets

The Group has Investments accounted for using the equity method at cost of \$10,218,596 in relation to the Gbane joint venture and capitalised exploration expenditure of \$917,456 in relation to limestone exploration.

Determining impairment involves judgement on facts and circumstances that indicates if an entity needs to test for impairment.

Management has reviewed results for the period to determine there is no indication the Group needs to test for impairment.

We have evaluated the appropriateness of management's assessment that there is no suggestion that the carrying amount of exploration expenditure may exceed its recoverable amount and therefore, determined there is no requirement to test for impairment in respect to the exploration expenditure.

Our procedures included challenging management on the suitability and reasonableness of these assumptions, through performing the following:

- Review of independent evaluation of geological data;
- Review of geological data in respect to independent reports and ASX announcements;
- Assessing the budgeted expenditure on further exploration and evaluation of the tenement; and
- Assessing the various agreements entered on future production and sales.

Based on our procedures, we noted that the exploration expenditure is fairly stated.

Cash and cash equivalents

Cash and cash equivalents totaling \$348,184 is a significant balance to the Group.

We do not consider cash and cash equivalents to be at a high risk of significant misstatement, or to be subject to significant level of judgement, However, due to the materiality in the context of the financial statements as a whole, they are considered to be an area of risk in our overall audit strategy.

We have evaluated disclosure and challenged management during our procedures to confirm existence of the asset including:

- Documenting and assessing the processes and controls in place to record cash transactions;
- Testing and sampling payments to determine they were bona fide payments, were properly authorised and recorded in the general ledger; and
- Agreeing 100% of cash holdings to independent third-party confirmations.

Based on our work, we noted no significant issues in respect to cash and cash equivalents.



Other Information

The directors are responsible for the other information. The other information comprises the information included in the Group's annual report for the year ended 30 June 2019, but does not include the financial report and our auditor's report thereon.

Our opinion on the financial report does not cover the other information and accordingly we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial report, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial report or our knowledge obtained in the audit or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of the Directors for the Financial Report

The directors of the Company are responsible for the preparation of the financial report that gives a true and fair view in accordance with Australian Accounting Standards and the *Corporations Act 2001* and for such internal control as the directors determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

In preparing the financial report, the directors are responsible for assessing the ability of the Group to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Financial Report

Our objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial report.

A further description of our responsibilities for the audit of the financial report is located at the Auditing and Assurance Standards Board website at: <http://www.auasb.gov.au/Home.aspx>. This description forms part of our auditor's report.



Report on the Remuneration Report

Opinion on the Remuneration Report

We have audited the Remuneration Report included on pages 19 to 20 of the directors' report for the year ended 30 June 2019.

In our opinion, the Remuneration Report of Cassius Mining Limited, for the year ended 30 June 2019, Complies with section 300A of the *Corporations Act 2001*.

Responsibilities

The directors of the Company are responsible for the preparation and presentation of the Remuneration Report in accordance with section 300A of the *Corporations Act 2001*. Our responsibility is to express an opinion on the Remuneration Report, based on our audit conducted in accordance with Australian Auditing Standards.

A D Danieli Audit Pty Ltd



Allan Facey
Director

Sydney, 27 September 2019



AUSTRALIAN SECURITIES EXCHANGE INFORMATION

Shareholdings

(a)

Analysis of holdings as at 24 September 2019	Ordinary Shares
1-1,000	209
1,001-5,000	216
5,001-10,000	136
10,001-100,000	354
100,001 and over	<u>223</u>
	<u>1,138</u>
Less than marketable parcels	663

(b)

Substantial shareholders

The company has no substantial shareholders as at 24 September 2019.

(c)

Voting rights

No restrictions. On a show of hands every member present or by proxy shall have one vote and upon a poll each share shall have one vote.

(d)

The names of the twenty largest shareholders of ordinary shares as at 24 September 2019.

Holder Name	Number of Shares	Percentage
1 Axis Group Investments Pty Ltd	12,263,888	4.69%
2 WJK Investments Pty Ltd	11,562,500	4.43%
3 Mr Dennis Lowe & Mrs Yvonne Lowe	11,332,250	4.34%
4 Mr James Lenehan & Miss Eliza Parker	10,156,250	3.89%
5 Robot Systems Pty Ltd	9,772,500	3.74%
6 JSA & Associates Pty Ltd	9,365,375	3.58%
7 SPQR One Pty Ltd	9,219,048	3.53%
8 Bestrawl Pty Ltd	8,734,375	3.34%
9 Jadison Pty Ltd	8,543,750	3.27%
10 Mrs Elizabeth Lenehan & Mr James Lenehan	7,343,750	2.81%
11 Fokas Corporation Pty Ltd	6,250,000	2.39%
12 David Milne	6,195,387	2.37%
13 Mr Simon Lenehan & Mrs Stephanie Lenehan	4,955,435	1.90%
14 Numoon Pty Ltd	4,930,400	1.89%
15 Elite Exercise Sydney Pty Ltd	4,693,229	1.80%
16 Tasman Pacific Investments Limited	4,209,071	1.61%
17 BNP Paribas Nominees Pty Ltd	3,969,931	1.52%
18 J P Morgan Nominees Australia Limited	3,806,494	1.46%
19 Radwin Elhassan Pty Ltd	3,783,037	1.45%
20 BPE Investments Pty Ltd	3,776,434	1.45%
TOTAL	144,863,104	55.46%

AUSTRALIAN SECURITIES EXCHANGE INFORMATION

- (e) As at 24 September 2019, the Company had 12,374,999 options listed and unlisted options on issue over unissued ordinary shares. Details are as follows:

Type	Grant Date	Number	Exercise Price	Expiry Date
Unlisted	6 June 2018	9,374,999	\$0.24	5 Jun 2020
Unlisted	1 May 2019	3,000,000	\$0.11	15 Dec 2020

- (f) The interests of each director and/or associate are listed in the Directors' Report.

- (g) Other Information

- i) The business and registered office address is
Suite 3
Level 14
3 Spring Street
Sydney NSW 2000
Telephone (02) 8226 3323
Facsimile (02) 8226 3304
- ii) Cassius Mining Limited is listed on the Australian Securities Exchange.
ASX Code: CMD – Fully Paid Shares
- iii) Share registry is located at
Security Transfer Registrars Pty Limited
770 Canning Highway
Applecross WA 6153
Telephone (08) 9315 2333
Facsimile (08) 9315 2233
- iv) Schedule of Tenements (as at 30 June 2019)

Location	Tenement Details	Interest	Comments
Ghana	Gbane part of Prospecting Licence [No. 1373814-16]	68.50%	Cassius has earned a 66.69% at 30 June 2019 on the Gbane project which is on part of the prospecting licence and an option over the remainder of the licence.
Madagascar	R14542	100%	
	R14960	100%	