



**ANNUAL COMPLIANCE REPORT TO FEDERAL GOVERNMENT
PERMIT EPBC 2011/5846**

**SHREE MINERALS LTD, ACN130618683
NELSON BAY RIVER MAGNETITE AND HEMATITE MINE
(Near Nelson Bay River, North-West Tasmania)**

1st November 2019 – 31st October 2020

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26 November 2020

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Introduction

On 29th July 2013, permit EPBC 2011/5846 was issued, and site clearing works recommenced on 12th August 2013. Notification to the department (DSEWPaC) was done on 16th August 2013 for commencement on 12th August 2013 to comply with Condition 22 (EPBC 2011/5846). Ore production commenced in November 2013. Iron Ore sales commenced in January 2014. Consequent to collapse in Iron Ore prices, the project has had to be suspended within 6 months of start-up & put under care & maintenance. The market conditions for Iron Ore have subsequently improved and provided opportunity for the Project to be taken out of care and maintenance and be operational since then.

In December 2014 the Tasmanian Supreme Court ruled the Environment Protection Notice No. 8977/1, issued by the Director of the Environment Protection Authority (EPA) for the Project, as invalid. To resolve the legal issues with old Tasmanian Environmental permit, the company has been working with the Tasmanian Government over this period and has submitted an application for a new Tasmanian Environmental permit for DSO operations at NBR. Shree has been working closely with the Tasmanian EPA to finalise the NBR Development Proposal and Environmental Management Plan (DPEMP) to ensure the Project is fully approved to resume mining operations.

In 2016, the company took steps to crush & ship out some of the Iron Ore from the inventory (mined prior to June 2014) at site, while the operations continue on care & Maintenance. This was communicated to the Department via email 28th April 2016 to post.approvals@environment.gov.au.

Consequently, since June 2014, no mining operations are being carried out and the project is under care and Maintenance Plan and without state environmental approval for conducting mining operations.

The mining & production figures are as per Table 1.

Table 1

		Year ending 30/06/2014	Year ending 30/06/ 2015	Year ending 30/06/ 2016	Year ending 30/06/ 2017	Period 1/7/2017 to 31/10/2017	Period 1/11/2017 to 31/10/2019	Period 1/11/2019 to 31/10/2020
Waste Stripping	BCM	636,347	0	0	0	0	0	0
Ore Mining	Tonnes	224,571	0	0	0	0	0	0
Ore Crushing & screening	Tonnes	153,332	0	20,059	23,211	0	0	0
Sales	Tonnes	130,899	0	0	50,696	0	0	0

Shree intend to recommence operations once State environmental approvals are on hand as the current iron ore price atmosphere is supportive.

This annual report covers the period of 12 months ending 31st October 2020.

EPBC approval conditions compliance table

Condition Number/reference	Condition (summary description)	Is the project compliant with this condition?	Evidence/Comments
1	Environmental induction training and awareness program	Compliant	Environmental induction training and awareness program developed in October 2013;
2	Monthly meetings prior to commencement of each shift to maintain worker knowledge about EPBC issues	Compliant	Monthly toolbox meetings conducted prior to commencement of each operating shift.
3	EPBC Species Management Plan	Compliant	Please refer to this table w.r.t. condition 25.e); condition 3.
4	Pre-clearance surveys	Compliant	No clearance has been done since the mine has been under Care & Maintenance from June 2014. Please refer to this table w.r.t. condition 25.e); condition 3.
5	Bus Service for each shift to transport staff, contractors and visitors between the mine site and the town of Smithton	Compliant	Collins Contracting contracted to provide bus service from commencement to the time mine operations suspended & mine put under Care & Maintenance in June 2014. During Care & Maintenance there is only one staff visiting the mine and infrequently contractors. They are using exempted vehicles as per condition 6 of this table.
6	Ensure that staff, contractors and visitors use the bus to travel to and from the site.	Compliant	Implemented since commencement. A number of vehicles are exempted from this condition, with a register of those vehicles maintained on site. All vehicles greater than 4.5 GVT are considered automatically

			exempt in accordance with written advice from the Department (letter dated 21st November 2013).
7	All roads within the mine site are designed, built and maintained in a manner that minimises the potential for EPBC species roadkill, through deterrence and increased visibility	Compliant	All measures in place & maintained. During Care & Maintenance there is minimal traffic on the roads as only one staff visiting the mine and infrequently contractors.
8	Travel to and from the mine site by authorised vehicles other than light vehicles and buses driven by or for staff, only occurs during daylight hours, except in case of emerge	Compliant	Requirements are reiterated with staff and contractors on a regular basis. There is minimal traffic to and from the mine site during Care & Maintenance period as referred to on condition 6 of this table.
9	Implement all reasonable measures to ensure that authorised vehicles do not exceed fifty (50) kilometres per hour from the mine site to the intersection of Wuthering Heights Road and Rebecca Roads.	Compliant	Highlighted in inductions, including question in induction assessments. There is minimal traffic to and from the mine site during Care & Maintenance period as referred to on condition 6 of this table.
10	All roads from within the mine site to the intersection of Wuthering Heights and Rebecca Roads are visually inspected daily, and all carcasses (whether EPBC species or not) removed to at least 40 metres from the edge of the road.	Compliant	Assigned staff responsibility. During Care & Maintenance regime , only one person is visiting mine few times a week only & not daily.
11	All EPBC species roadkill detected within the mine site, or killed by authorised vehicles travelling to or from the mine site, is recorded.	Compliant	Assigned staff responsibility
12	EPBC species register on Company's website to be updated at least every three months	Compliant	Please refer to this table w.r.t. condition 25.b)
13	Tasmanian devil monitoring strategy	Compliant	Please refer to this table w.r.t. condition 25.c); condition 13.
14	Make available any raw data relating to Tasmanian devils and the Devil	Compliant	No action due or outstanding.

	Facial Tumour Disease, on request from any Commonwealth or Tasmanian Government agency or the Save the Tasmanian Devil Program		
15	Contribution for the purpose of "maintenance of the Tasmanian Devil Insurance population" managed under the Save the Tasmanian Devil Program	Compliant	Please refer to this table w.r.t. condition 25.c); condition 15.
16	Orchid baseline research	Compliant	Please refer to this table w.r.t. condition 25.c); condition 16.
17	Mine Closure Plan must be provided to the minister for information within one week of approval by the relevant state government authority.	Compliant	No action due or outstanding.
18	Decommissioning and rehabilitation plan must be provided to the minister for information within six months of approval by the relevant state government authority.	Compliant	No action due or outstanding.
19	Minister may require supplements (plans referred to in Conditions 17 and 18) to be prepared for his approval and implemented	Compliant	No action due or outstanding.
20	The minister may at any time review the security deposit lodged by the person taking the action pursuant to Schedule 3 of Mining Lease 3M/2011. If the minister is not satisfied that the security deposit lodged will adequately provide for the implementation of the plans referred to in Conditions 17 and 18, as well as any supplements as described in Condition 19, he may require that the person taking the action establishes an additional security deposit in trust, under conditions approved by himself.	Compliant	No action due or outstanding.
21	Contingency Conditions- EPBC species roadkill deaths occurring within the mine site, or caused by authorised vehicles travelling to or from the mine site	Compliant	No roadkill deaths have occurred within the mine site, or caused by authorised vehicles travelling to or from the mine site.
22	Advise the department in writing of	Compliant	On 29 th July 2013, permit EPBC

	the actual date of commencement of the action		2011/5846 was issued, and site clearing works recommenced on 12 th August 2013. Notification to the department was done on 16th August 2013 for commencement on 12th August 2013
23	Management Documents	Compliant	Maintained as per requirements. Please also refer to this table w.r.t. condition 25.e)
24	Non-compliance with the EPBC 2011/5846 permit conditions	Compliant	There have been no incidences of non-compliance of these conditions during this period.
25. a)	A summary of induction training and awareness activity undertaken or proposed	Compliant	Routine induction sessions are held on a regular basis for new staff, contractors and visitors, with additional sessions scheduled where necessary. Visitor inductions are valid for a period of one month. Visitors to site must be accompanied at all times by a fully inducted employee or contractor, and are not permitted to perform any works (other than office-based work) nor operate any vehicles or machinery.
25. b)	An extract for the reporting period of the EPBC species register established under Condition 12	Compliant	A copy of the EPBC Species Register is located in Appendix A. GPS coordinates of EPBC species sighted on the mine lease may not be included for public release for site security reasons (including unauthorised access) and/or where recommended by flora and fauna consultants (e.g. for locations of Giant Freshwater Crayfish). The EPBC Register is also available on the Shree company website, www.shreeminerals.com .

25. c)	<i>details of progress against actions (including documentary evidence of payments) required under Conditions 13, 15, 16 and, if required, 20.</i>		
	Condition 13	Compliant	<p>Tasmanian Devil Monitoring Strategy</p> <p>A Tasmanian Devil Monitoring Strategy (TDMS) was prepared for Shree Minerals Ltd in January 2013 by consultants Pitt & Sherry following consultation with a recognised Tasmanian devil and wildlife expert, and the Save the Tasmanian Devil Program (STDP). The Tasmanian Devil Monitoring Strategy (Version 1) was approved by the Minister on 21st March 2013. Following legal action and issue of permit EPBC 2011/5846 in July 2013, the TDMS was revised and version 3 was subsequently approved on 9th August 2013. A copy of the plan is published on the company's website to comply with Condition 30 (EPBC 2011/5846).</p> <p>Monitoring Program</p> <p>A number of infrared monitoring cameras have been placed in the mining lease area in order to monitor for Devil Facial Tumour Disease (DFTD). Further cameras have been placed to monitor denning/lay-up opportunities within the Fauna Habitat Protection Zone (FHPZ) once clearing activities are substantially complete. Note that clearing will be undertaken progressively, with only those areas immediately required for production being cleared (as consistent with Best Practice Environmental Management).</p> <p>Under the TDMS, cameras are scheduled to be checked weekly and data downloaded fortnightly. However, this</p>

		<p>schedule may be disrupted by inclement weather conditions and site access track conditions. All cameras have been set up such that they have a battery life of over two months, and either 4GB or 8GB of storage, to ensure that no data is lost in the event of a site becoming temporarily inaccessible.</p> <p>The 154ha FHPZ has been established as per the TDMS.</p> <p>The TDMS includes measures for the detection and prompt reporting of DFTD. A Tasmanian devil expert has been engaged to review camera images and provide monthly advice in relation to any DFTD visible on infrared camera images. This information is also provided to the Save the Tasmanian Devil Program.</p> <p>Findings</p> <p>The report of the expert during the year has not found any documented (or suspected) signs of DFTD on the site.</p> <p>Changes to the monitoring program</p> <p>Under Section 2.5 of the TDMS, it is stated that;</p> <p><i>“All information will be added to the EPBC species register (established under condition 12 of the EPBC approval).</i></p> <p><i>Shree Minerals will also ensure that all data from this monitoring strategy is entered onto the Natural Values Atlas”</i></p> <p>While sightings recorded by the cameras are being added to the</p>
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			EPBC Species Register, the locations of these sightings are not as this presents a safety and security risk to the company, particularly in relation to unauthorised access of the mine lease. Shree Minerals had a number of cameras stolen from the mine lease area, and this theft was subsequently reported to the Police.
	Condition 15	Compliant	<p>Under Condition 15 (EPBC 2011/5846), Shree Minerals must contribute \$350 000 to the Save the Tasmanian Devil Program (STDP), of which 10% is to be paid within 30th October 2014. Shree Minerals had made contact with the STDP in October 2014 & following receipt of invoice & payment instructions, the same has been paid.</p> <p>The balance contribution is not yet due as 12 months of completed mining operations have not occurred as the mine continues under care and maintenance awaiting resolution of Tasmanian environmental Permit .</p>
	Condition 16	Compliant	<p>Condition 16 (EPBC 2011/5846) states that:</p> <p><i>“The person taking the action must fund and implement their 'Proposed contribution to orchid baseline research', as provided with the finalised environmental impact statement prepared in relation to the action.”</i></p> <p>An orchid specialist has been engaged in 2014 to carry out this work. This work was commenced & payments made as milestones are completed as per agreed schedule. In 2016,</p>

			the work has been suspended during the period of care & maintenance of the mine & will be resumed when mining re-commences.
	Condition 20	Compliant	Security deposits have been made as part of the Schedule 3 provisions of Mining Lease 3M/2011
25. d)	Details of any emergency travel undertaken outside daylight hours as allowed under condition 8	Compliant	Condition 8 (EPBC 2011/5846) allows for emergency travel to site in authorised vehicles outside of daylight hours. There has been no emergency travel undertaken during the period.
25. e)	Information on compliance (and non-compliance) with management documents	Compliant	<p>Management documents refer to all plans, strategies, and reports developed in fulfilment of EPBC 2011/5846 conditions. These are:</p> <ul style="list-style-type: none"> • EPBC Species Management Plan (Condition 3) • Tasmanian Devil Monitoring Strategy (Condition 13) • Mine Closure Plan (Condition 17) • Decommissioning and Rehabilitation Plan (Condition 18)
	EPBC Species Management Plan (Condition 3)	Compliant	<p>EPBC Species Management Plan</p> <p>EPBC Species Management Plan (Version 1) was approved by the Minister¹ on 21st March 2013. It was subsequently revised on 31st July and 6th August 2013, in light of the new permit EPBC 2011/5846. The current plan is EPBC Management Plan (Version 3), which was approved on 9th August 2013. A copy of the plan</p>

¹ 'the Minister' is the Australian Government minister administering the EPBC Act

		<p>is published on the company's website to comply with Condition 30 (EPBC 2011/5846).</p> <p>Prescribed management measures included in the plan relate to;</p> <ul style="list-style-type: none"> • Vegetation clearance • Food waste • Hazardous substances • Open Pits and Excavation • Protocols for dealing with injured native fauna • Protocols for recording any sightings of EPBC species <p><i>Vegetation clearance</i></p> <p>Clearance has been limited to those areas required for the DSO Pit and its associated roadways, infrastructure, waste rock dumps and stockpiles. Construction drawings were provided to contractors, and clearing activities were conducted in accordance with <i>Environment Protection Guideline 3 – Clearing</i> (EPG 3, Shree Minerals Ltd). This included pre-clearance flora and fauna surveys carried out by relevant experts prior to each stage of clearing to ensure there would be no disturbance of EPBC species.</p> <p>Areas to be cleared were delineated with flagging tape; for steeper areas 'Danger' tapes was utilised. No vegetation clearance or disturbance occurred in the Fauna Habitat Protection Zone (FHPZ).</p> <p><i>Food Waste</i></p> <p>Management of food waste onsite is in accordance with</p>
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		<p><i>Environment Protection</i> <i>Guideline 5 – Food Waste</i> (EPG 5, Shree Minerals Ltd). Garbage bins have been provided in the crib room and office buildings. Currently all mine waste is removed from the site by Shree Minerals and their contractors on a regular basis. There is a zero-tolerance procedure for littering and this along with details of disciplinary proceedings and general waste management protocols are included in the site induction.</p> <p><i>Hazardous Substances</i> A diesel holding tank has been provided by Caltas for refuelling trucks. This is a stand-alone self-bunded tank with a capacity of 30 000 litres. Two diesel generators are located onsite to power the office areas and the Caltas fuel tank. These are both located on the cleared office/workshop area pad. The Caltas fuel tank & diesel generators have since been demobilised offsite during the care & maintenance period.</p> <p>No explosive materials are currently kept on the site. On days when a blast crew is working, an explosives truck arrives at and leaves the site on the same day.</p> <p>As there is no processing plant facility required in the early stages of mining, there are no other hazardous substances currently kept onsite in bulk form.</p> <p><i>Open Pits and Excavation</i> All excavations during the construction phase were carried out in accordance with the guidelines contained in the Construction Environmental Management Plan (CEMP, 2013).</p>
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		<p>Diversion drains were established and two shallow ($\leq 2\text{m}$) borrow pits were excavated. Excavation of the ore pit has also now commenced. All pits are accessible by vehicle, thus allowing fauna to escape in the unlikely event they enter the excavation.</p> <p>All excavation at the site is carried out in accordance with <i>Environment Protection Guideline 16 – Excavation</i> (EPG 16, Shree Minerals Ltd)</p> <p>Mine lease signage has been placed around the lease in accessible locations, including at the mine entrance. Detailed mine plans are produced and updated daily, and the company has procured the regular services of a surveying company for the purpose of delineating pit and stockpile extents. Current pit and waste rock dump designs are located between East and West Creeks, which provide physical barriers preventing the operation from encroaching on the mining lease boundary.</p> <p>Mine Plans & Management plans are updated periodically to update mine plan estimates & modelling progressively & appropriate approvals taken thereof. Further drilling and modelling in 2013, subsequent to the original DPEMP (Development Proposal & Environment Management Plan) & EIS (Environment Impact Statement) submitted for public display in 2011 has provided a better understanding of the DSO resource, which is now known to be larger than originally thought. This will support a larger and deeper DSO pit, which in turn has increased the overall ore &</p>
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		<p>waste volumes to be excavated. Further, the modelling in 2013 also took a precautionary measure to minimise risk of potential acid forming waste rock (PAF) segregation from other non-acid forming waste rock (NAF) by including areas which are only partially mineralised with pyrite but represent all the potential PAF material.</p> <p>These two factors (increased mining quantities and precautionary modelling of increased proportion of PAF waste).</p> <p>For handling and temporarily storing Potentially Acid Forming Materials (PAF) the engineering design was developed for a specialised clay lined and bunded site close to the DSO pit. Upon completion of mining of the DSO phase, the PAF material is to be relocated back into the Southern DSO. Hence the Temporary Potentially Acid Forming Materials Separation and Verification Plan (TPAFM) was drafted and approved by the Tasmanian Environmental Protection Agency (EPA) in October 2013. This new plan and approved variation meets the requirements of the approved in the Environment Protection Guideline numbers 16(7) and 16(8) of the EPBC Species management plan Version 3. The total area for vegetation clearing would also not increase beyond the final life of mine construction zones and consequently meets the requirements of the approved in the Environment Protection Guideline numbers 3(1) of the EPBC Species management plan Version 3. Additionally, the new</p>
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		<p>design ensures that all outflows are collected and treated (if required) before release into the general environment as per requirements of the approved in the Environment Protection Guideline numbers 16(6) of the EPBC Species management plan Version 3.</p> <p>In a letter dated 30 March 2015, the Tasmanian EPA Director advised that as a consequence of a judgment in the Supreme Court of Tasmania, he advised that since the current PAF Storage Dump is situated outside the footprint of the SDSO pit and required actions to bring PAF waste rock management at the mine site into compliance with the requirements of PCE 8568, and management of the PAF waste rock while it is located outside the Pit.</p> <p>Shree in consultation with Tasmanian Government authorities has in 2018, submitted an application for a new Tasmanian Environmental permit for DSO operations as it is considered financially prudent to focus on simpler DSO operations at this stage. In this context, we have received correspondence from EPA (attached in Appendix B to this report) to review the EPBC approval for the project. Shree has since written to EPBC via email dated 25/10/2018 seeking the Department's advice on the issue.</p> <p>The major reasons for a new permit are:</p> <ol style="list-style-type: none"> I. because the SDSO pit is only 25% complete, there is insufficient
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			<p>space for the PAF WRD to be stored below surface and ultimate flood level of the pit; and</p> <p>II. Moving the PAF WRD in the pit below ultimate flood level of the pit, prior to completion of mining of the pit, may result in contravention of the Mineral Resources Development Act.</p> <p>III. PAF storage above ground level in a safe environmental manner is universally practiced throughout the world by almost all open cut mines and with adequate procedures like truck dumping, compaction, alkali addition etc. will meet Best Practice Environmental Management (BEMP); and</p> <p>While, there are no adverse effects on the surrounding environment by disposal of PAF rock in an above surface storage dump, under the current legislative framework in Tasmania there is no simple procedure / mechanism which</p>
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		<p>applies to an application to amend an extant planning permit. In consequence, there is little choice but to make a new development application for precisely the same approved development and use, but which specifies a different methodology for disposal of the PAF rock.</p> <p>The project will be located as described in the EIS (Pitt and Sherry, 2011) and within the mining lease.</p> <p>The likely only differences to the original proposal – the proposed surface PAF dumps, are to be located within the original planned footprint and disturbed areas. This area for stage 1 has been cleared of vegetation (after appropriate surveys under the requirements of the Permit and Commonwealth Government approvals). Bush Fires in early 2016 has passed through the mining lease & all the vegetation in the lease area has been essentially burnt away.</p> <p>The proposed surface PAF dumps also provide flexibility in quantum of PAF waste rock being excavated as estimates are updated with more knowledge due to mining as well as exploration success etc. leading to increase in the life of the mine.</p> <p>This project will not require approval under the Environment Protection and Biodiversity Conservation Act 1999, as it is consistent with the existing EPBC approval. There is no potential to significantly impact upon matters of national environmental significance or upon Commonwealth land, as it is within the boundaries of the</p>
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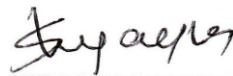
			<p>Mining Lease and previously approved area.</p> <p>The company prepared & submitted an advanced working draft of DPMP to Tasmanian EPA in Feb 2020 towards the new DSO operations permit application. Since then, it has been working on updating & finalising the draft as per comments and discussions of EPA.</p> <p><i>Protocols for Dealing with Injured Native Fauna</i></p> <p>Trained in animal handling procedures at a workshop at Trowunna Wildlife Park was done.</p> <p>There has been no injured native fauna on the mine site.</p> <p><i>Protocols for Recording any Sightings of EPBC Species</i></p> <p>Shree Minerals has developed an Environmental Induction, which is given in conjunction with the Site Safety Induction to all contractors, staff and visitors to the site. This includes images and information relating to 13 EPBC listed species, provision of glove-box guides and EPBC Species Sightings Forms as per the EPBC Species Management Plan.</p>
	Tasmanian Devil Monitoring Strategy (Condition 13)	Compliant	Please refer to this table w.r.t. condition 25.c); condition 13.
	Mine Closure Plan (Condition 17)	Compliant	<p>A Mine Closure Plan with approximate rehabilitation costs was developed in November 2011 by Pitt & Sherry as part of the <i>Development Proposal and Environmental Management Plan</i> (DPMP). A copy of the plan is published on the company's website to comply with Condition 30 (EPBC 2011/5846).</p> <p>A review of this Closure Plan (in draft) with updated site</p>

			information, current disturbed footprint areas, and revised costs has been lodged with EPA.
	Decommissioning and Rehabilitation Plan (Condition 18)	Compliant	A Decommissioning and Rehabilitation Plan is required to be prepared " <i>within 30 days of any decision that is likely to give rise to the permanent cessation of the activity</i> " (Permit Part B 8977/1). Therefore, a DRP is not required at this stage.
25. f)	details of any other incidences of non-compliance with the EPBC 2011/5846 permit conditions, along with any associated remedial action undertaken, underway or proposed	Compliant	There have been no other incidences of non-compliance during this period.
25. g)	Months of the reporting period during which mining operations undertaken	Compliant	There were no mining operations undertaken during this reporting period.
26	Independent audit of compliance with the conditions of approval	Compliant	No action due or outstanding.
27	Revision of management document only with the Minister's written approval a revised version of the management document	Compliant	No action due or outstanding.
28	The minister may request that the person taking the action make specified revisions to any management document specified in these conditions and submit the revised management document for the Minister's written approval.	Compliant	No action due or outstanding.
29	Action commencing after 5 years from the date of approval with the written agreement of the minister.	Compliant	Action commenced within 1 month of the date of approval.
30	Management Documents to be published on Company's website within one month of being approved	Compliant	Published following approved management documents: <ul style="list-style-type: none"> • EPBC Species Management Plan (Condition 3) • Tasmanian Devil Monitoring Strategy (Condition 13)

Declaration of accuracy

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed



Full name

Sanjay Kumar Loyalka

Position

Director

Organisation

Shree Minerals Ltd; ACN: 130618683

Appendix A

Appendix A 1 EPBC Species sightings Register Jan 2020

Appendix A 2 EPBC Species sightings Register April 2020

Appendix A 3 EPBC Species sightings Register Jul 2020

Appendix A 4 EPBC Species sightings Register Oct 2020

EPBC Species Sightings Register - Quarterly to January/27/2020						
Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
Windswept spider orchid (<i>Caladenia dienema</i>)						
Large golden moths, snake orchid (<i>Diuris lanceolata</i>)						
Western leek orchid (<i>Prasophyllum favonium</i>)						
Pretty leek orchid (<i>Prasophyllum pulchellum</i>)						
Giant freshwater crayfish (<i>Astacopsis gouldi</i>) #						
Australian grayling (<i>Prototroctes maraena</i>)						
Wedge-tailed eagle (<i>Aquila audax</i> subsp. <i>Fleayi</i>)						
Tasmanian azure kingfisher (<i>Ceyx azureus</i> subsp. <i>diemenensis</i> syn. <i>Alcedo azurea</i> subsp. <i>diemenensis</i>)						
White-bellied sea-eagle (<i>Haliaeetus leucogaster</i>)						
Satin flycatcher (<i>Myiagra cyanoleuca</i>)						
Tasmanian masked owl (<i>Tyto novaehollandiae</i> subsp. <i>castanops</i>)						
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>); (sightings)						
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>) (on-site camera images)**	Camera 1					On mine lease
	Camera 2	19/12/2019	11.24pm			On mine lease
	Camera 3					On mine lease
	Camera 4	26/10/2019	9.08pm			On mine lease
	Camera 5					On mine lease
	Camera 6	16/01/2020	4.35am			On mine lease
	Camera 7	28/11/2019	9.29pm			On mine lease
	Camera 8					
	Camera 9					On mine lease

EPBC Species Sightings Register - Quarterly to January/27/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				Easting	Northing	
Tasmanian devil (<i>Sarcophilus harrisii</i>) (sightings)	Camera 1	30/10/2019	8.12pm			On mine lease
		31/10/2019	8.00pm			
		01/11/2019	0.48am			
		01/11/2019	2.36am			
		04/11/2019	8.15pm			
		05/11/2019	6.48am			
		06/11/2019	7.54pm			
		08/11/2019	8.27pm			
		16/11/2019	1.09am			
		16/11/2019	4.08am			
		16/11/2019	7.11pm			
		20/11/2019	7.57pm			
		23/11/2019	7.10pm			
		23/01/2020	8.09pm			
		25/01/2020	8.24pm			

EPBC Species Sightings Register - Quarterly to January/27/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes			
<i>* Include whether carcass or not in notes column</i>									
				Easting	Northing				
Tasmanian devil (<i>Sarcophilus harrisii</i>) (sightings)	Camera 2	28/10/2019	6.42am			On mine lease			
		06/11/2019	7/29pm						
		07/11/2019	7.37pm						
		10/11/2019	8.07pm						
		11/11/2019	5.31am						
		14/11/2019	7.43pm						
		18/11/2019	6.05pm						
		27/11/2019	8.09pm						
		05/12/2019	6.05pm						
		22/12/2019	8.28pm						
		23/12/2019	8.23pm						
		24/12/2019	1.04am						
		29/12/2019	2.36pm						
		30/12/2019	0.18am						
		02/01/2020	7.49pm						
		02/01/2010	8.31pm						
		03/01/2020	8.07pm						
		03/01/2010	8.51pm						
		04/01/2010	11.17pm						
		08/01/2020	7.30pm						
		09/01/2020	1.31am						
		12/01/2020	7.38pm						
		19/01/2020	2.04am						
		24/01/2020	8.15pm						
		27/01/2020	6.39am						
			Camera 3						On mine lease
			Camera 4	6/11/2019	4.40am				On mine lease

EPBC Species Sightings Register - Quarterly to January/27/2020

Species Sightings (including carcasses)	Location	Date & Time	GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>			Easting	Northing	
Tasmanian devil (<i>Sarcophilus harrisii</i>) (sightings)	Camera 5	14/11/2019	0.11am		
		14/11/2019	0.12am		
		15/11/2019	6.15am		
		09/12/2019	10.03pm		
		10/12/2019	0.26am		
		10/12/2019	0.48am		
		17/12/2019	8.25am		
	Camera 6	26/10/2019	8.57pm		
		27/10/2019	8.09pm		
		04/11/2019	8.35pm		
		24/11/2019	8.11pm		
		26/12/2019	6.07am		
		26/12/2019	7.50am		
		26/12/2019	7.57am		
	27/12/2019	2.35am			
	Camera 7	13/11/2019	8.32pm		
		08/12/2019	8.40pm		
	Camera 8	28/10/2019	11.41pm		
		29/10/2019	7.30pm		
		30/10/2019	7.25pm		
		30/10/2019	9.59pm		
		08/11/2019	11.27pm		
		22/11/2019	10.26am		
		10/12/2019	10.12pm		
		05/01/2020	9.10pm		
		06/01/2020	2.42pm		
		06/01/2020	10.40pm		
		12/01/2020	10.07pm		
14/01/2020		7.48pm			
18/01/2020		11.30pm			
23/01/2020		4.57pm			
23/01/2020	4.58pm				
24/01/2020	11.30pm				
27/01/2020	5.01am				

On mine lease

EPBC Species Sightings Register - Quarterly to January/27/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
<i>Tasmanian devil (Sarcophilus harrisii) (sightings)</i>	<i>Camera 9</i>	20/11/2019 03/12/2019 04/12/2019 08/12/2020 21/01/2020 25/01/2020	7.46pm 8.46pm 8.42pm 8.55pm 10.02pm 7.40am			On Mine lease

Note: All cameras monitor for the presence of Tasmanian Devil Facial Tumour Disease in north-west Tasmania. Images are sent to an independent expert who assesses same and forwards the results to the Save The Tasmanian Devil Program. No diseased animals have been recorded to date. **Mine lease sighting and site camera GPS coordinates are not published due to site security and unauthorised access risk. Camera locations are changed on occasion. #Certain other location coordinates may not be published for species security reasons. Roadkill Note: No EPBC roadkill was caused by mine vehicles. Cameras last downloaded 27/01/2020. Next quarterly report 28 April 2020

EPBC Species Sightings Register - Quarterly to April/24/2020						
Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
Windswept spider orchid (<i>Caladenia dienema</i>)						
Large golden moths, snake orchid (<i>Diuris lanceolata</i>)						
Western leek orchid (<i>Prasophyllum favonium</i>)						
Pretty leek orchid (<i>Prasophyllum pulchellum</i>)						
Giant freshwater crayfish (<i>Astacopsis gouldi</i>) #	blackwater rd	21/02/2020	7.01am			crossing the road
Australian grayling (<i>Prototroctes maraena</i>)						
Wedge-tailed eagle (<i>Aquila audax</i> subsp. <i>Fleayi</i>)	sumac rd mine site	31/01/2020 03/02/2020	5.01pm 12.04pm			3 eagles feeding on road kill 2 eagles flying over pit
Tasmanian azure kingfisher (<i>Ceyx azureus</i> subsp. <i>diemenensis</i> syn. <i>Alcedo azurea</i> subsp. <i>diemenensis</i>)						
White-bellied sea-eagle (<i>Haliaeetus leucogaster</i>)						
Satin flycatcher (<i>Myiagra cyanoleuca</i>)						
Tasmanian masked owl (<i>Tyto novaehollandiae</i> subsp. <i>castanops</i>)						
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>); (sightings)	wuthering heights road	21/03/2020	7.02am			
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>) (on-site camera images)**	Camera 1					On mine lease
	Camera 2					On mine lease
	Camera 3					On mine lease
	Camera 4					On mine lease
	Camera 5					On mine lease
	Camera 6					On mine lease
	Camera 7					On mine lease

EPBC Species Sightings Register - Quarterly to April/24/2020

Species Sightings (including carcasses)	Location	Date & Time	GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>			<i>Easting</i>	<i>Northing</i>	
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>) (on-site camera images)**	Camera 8				
	Camera 9				On mine lease
Tasmanian devil (<i>Sarcophilus harrisii</i>) (sightings)					
Tasmanian devil (<i>Sarcophilus harrisii</i>) (on-site camera images)**	Camera 1	1/02/2020	6.48pm		On mine lease
		5/02/2020	6.23am		
		5/02/2020	10.40pm		
		7/02/2020	9.57pm		
		10/02/2020	1.35am		
		11/02/2020	5.37am		
		15/02/2020	6.32am		
		19/02/2020	8.32pm		
		20/02/2020	11.59pm		
		22/02/2020	3.23am		
		26/02/2020	5.21am		
		29/02/2020	0.21am		
		3/03/2020	7.57pm		
		4/03/2020	5.32am		
		8/03/2020	7.35pm		
		10/03/2020	11.43pm		
		15/03/2020	5.32am		
		19/03/2020	9.57pm		
		20/03/2020	3.21am		
		26/03/2020	2.32am		
		31/03/2020	7.21am		
		4/04/2020	3.46am		
		4/04/2020	3.59am		
		7/04/2020	6.32am		
		10/04/2020	7.21am		
		15/04/2020	0.54am		
17/04/2020	9.21pm				
21/04/2020	3.56am				
21/04/2020	4.02am				
24/04/2020	6.21am				

EPBC Species Sightings Register - Quarterly to April/24/2020

Species Sightings (including carcasses)	Location	Date & Time	GPS Coordinates / Grid Reference		Notes	
<i>* Include whether carcass or not in notes column</i>			Easting	Northing		
Tasmanian devil (<i>Sarcophilus harrisii</i>) camera images)**	Camera 6	7/03/2020	11.23pm		On mine lease	
		15/03/2020	3.12am			
		29/03/2020	4.02am			
		15/04/2020	5.29am			
		22/04/2020	4.39am			
	Camera 7	7/03/2020	4.21am		On mine lease	
		15/03/2020	2.29am			
		29/03/2020	4.56am			
		12/04/2020	8.34pm			
		21/04/2020	11.01pm			
	(on-site)	Camera 8	26/01/2020	7.23pm		
			27/01/2020	5.01am		
			5/02/2020	3.21am		
			11/02/2020	12.59pm		
			20/02/2020	0.21am		
28/02/2020			11.23am			
04/03/2020			11.32pm			
7/03/2020			3.12am			
12/03/2020			10.02pm			
17/03/2020			4.21am			
23/03/2020			5.37am			
27/03/2020			11.01pm			
3/04/2020			9.32pm			
15/04/2020			12.21am			
23/04/2020			3.21am			

EPBC Species Sightings Register - Quarterly to April/24/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				Easting	Northing	
<i>Tasmanian devil (Sarcophilus harrisi)</i> <i>camera images)**</i>	<i>(on-site)</i> <i>Camera 9</i>	3/02/2020	2.59am			
		15/02/2020	10.21pm			
		23/02/2020	3.29am			
		03/03/2020	12.34pm			
		15/03/2020	3.59am			
		29/03/2020	5.21am			
		7/04/2020	6.38am			
		23/04/2020	9.23pm			

Note: All cameras monitor for the presence of Tasmanian Devil Facial Tumour Disease in north-west Tasmania. Images are sent to an independent expert who assesses same and forwards the results to the Save The Tasmanian Devil Program. No diseased animals have been recorded to date. **Mine lease sighting and site camera GPS coordinates are not published due to site security and unauthorised access risk. Camera locations are changed on occasion. #Certain other location coordinates may not be published for species security reasons. Roadkill Note: No EPBC roadkill was caused by mine vehicles. Cameras last downloaded 24/04/2020.

EPBC Species Sightings Register - Quarterly to July/24/2020						
Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
Windswept spider orchid (<i>Caladenia dienema</i>)						
Large golden moths, snake orchid (<i>Diuris lanceolata</i>)						
Western leek orchid (<i>Prasophyllum favonium</i>)						
Pretty leek orchid (<i>Prasophyllum pulchellum</i>)						
Giant freshwater crayfish (<i>Astacopsis gouldi</i>) #						
Australian grayling (<i>Prototroctes maraena</i>)						
Wedge-tailed eagle (<i>Aquila audax</i> subsp. <i>Fleayi</i>)		1/06/2020	8.19am			2 eagles feeding on road kill roger river road
Tasmanian azure kingfisher (<i>Ceyx azureus</i> subsp. <i>diemenensis</i> syn. <i>Alcedo azurea</i> subsp. <i>diemenensis</i>)						
White-bellied sea-eagle (<i>Haliaeetus leucogaster</i>)						
Satin flycatcher (<i>Myiagra cyanoleuca</i>)						
Tasmanian masked owl (<i>Tyto novaehollandiae</i> subsp. <i>castanops</i>)						
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>); (sightings)		2/06/2020	9.39am			large adult crossing blackwater road
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>) (on-site camera images)**	Camera 1					On mine lease
	Camera 2	21/06/2020	2.47am			On mine lease
	Camera 3					On mine lease
	Camera 4					On mine lease
	Camera 5					On mine lease
	Camera 6					On mine lease
	Camera 7					On mine lease
	Camera 8					
	Camera 9					On mine lease

EPBC Species Sightings Register - Quarterly to July/24/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				Easting	Northing	
Tasmanian devil (<i>Sarcophilus harrisii</i>) (sightings)						
Tasmanian devil (<i>Sarcophilus harrisii</i>) (on-site camera images)**	Camera 1	15/05/2020	6.16pm			On mine lease
	Camera 2	8/05/2020	9.59am			On mine lease
		1/06/2020	8.03pm			
		1/06/2020	8.51pm			
		1/06/2020	8.58pm			
		3/06/2020	6.57pm			
		5/06/2020	9.37pm			
		10/06/2020	1.37am			
		22/06/2020	11.31pm			
		23/06/2020	1.03am			
		25/06/2020	10.18pm			
	1/07/2020	10.09am				
	11/07/2020	6.59pm				
	19/07/2020	10.26pm				
20/07/2020	1.50am					
21/07/2020	10.50pm					
Camera 3					On mine lease	
Camera 4					On mine lease	
Camera 5					On mine lease	
Camera 6					On mine lease	
Camera 7					On mine lease	
Camera 8	29/05/2020	11.49pm				

EPBC Species Sightings Register - Quarterly to July/24/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
Tasmanian devil (<i>Sarcophilus harrisi</i>) (on-site d	Camera 9	1/05/2020	4.58pm			
		3/05/2020	8.31am			
		3/05/2020	6.01pm			
		4/05/2010	5.46pm			
		8/05/2020	1.00pm			
		14/05/2020	8.19am			
		17/05/2020	6.37pm			
<p>Note: All cameras monitor for the presence of Tasmanian Devil Facial Tumour Disease in north-west Tasmania. Images are sent to an independent expert who assesses same and forwards the results to the Save The Tasmanian Devil Program. No diseased animals have been recorded to date. **Mine lease sighting and site camera GPS coordinates are not published due to site security and unauthorised access risk. Camera locations are changed on occasion. #Certain other location coordinates may not be published for species security reasons. Roadkill Note: No EPBC roadkill was caused by mine vehicles. Cameras last downloaded 24/07/2020. Heavy rain , high winds and extremely low teperature cause a lot of cameras to develop interminit malfunctions during this period , they have now been fixed</p>						

EPBC Species Sightings Register - Quarterly to October/26/2020						
Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
Windswept spider orchid (<i>Caladenia dienema</i>)						
Large golden moths, snake orchid (<i>Diuris lanceolata</i>)						
Western leek orchid (<i>Prasophyllum favonium</i>)						
Pretty leek orchid (<i>Prasophyllum pulchellum</i>)						
Giant freshwater crayfish (<i>Astacopsis gouldi</i>) #						
Australian grayling (<i>Prototroctes maraena</i>)						
Wedge-tailed eagle (<i>Aquila audax</i> subsp. <i>Fleayi</i>)						
Tasmanian azure kingfisher (<i>Ceyx azureus</i> subsp. <i>diemenensis</i> syn. <i>Alcedo azurea</i> subsp. <i>diemenensis</i>)						
White-bellied sea-eagle (<i>Haliaeetus leucogaster</i>)						
Satin flycatcher (<i>Myiagra cyanoleuca</i>)						
Tasmanian masked owl (<i>Tyto novaehollandiae</i> subsp. <i>castanops</i>)						
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>); (sightings)						
Spot-tailed quoll (<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>) (on-site camera images)**	Camera 1	30/08/2020	21.43pm			On mine lease
	Camera 2					On mine lease
	Camera 3	24/10/2020	03.23am			On mine lease
	Camera 4					On mine lease
	Camera 5					On mine lease
	Camera 6					On mine lease
	Camera 7					On mine lease
	Camera 8	27/09/2020	0.32am			
	Camera 9					On mine lease

EPBC Species Sightings Register - Quarterly to October/26/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>						
				Easting	Northing	
Tasmanian devil (<i>Sarcophilus harrisi</i>) (sightings)						
Tasmanian devil (<i>Sarcophilus harrisi</i>) camera images)** (on-site)	Camera 1	2/08/2020	23.32pm			On mine lease
		12/08/2020	17.54pm			
		23/08/2020	23.35pm			
		30/08/2020	4.32am			
		09/09/2020	23.43pm			
		23/09/2020	5.46am			
		29/09/2020	3.02am			
		09/10/2020	18.56pm			
		19/10/2020	21.46pm			
	Camera 2	29/07/2020	23.35pm			On mine lease
		03/08/2020	20.39pm			
		09/08/2020	2.37am			
		21/08/2020	5.46am			
		30/08/2020	22.34pm			
		10/09/2020	17.56pm			
		22/09/2020	21.07pm			
		29/09/2020	23.56pm			
		04/10/2020	0.56am			
	12/10/2020	2.34am				
	Camera 3	29/07/2020	20.08pm			On mine lease
	Camera 4	25/07/2020	0.26 am			On mine lease
		25/07/2020	1.26am			
		27/07/2020	23.59pm			
		24/08/2020	1.17am			
	Camera 5					On mine lease
	Camera 6					On mine lease
	Camera 7					On mine lease

EPBC Species Sightings Register - Quarterly to October/26/2020

Species Sightings (including carcasses)	Location	Date & Time		GPS Coordinates / Grid Reference		Notes
<i>* Include whether carcass or not in notes column</i>				<i>Easting</i>	<i>Northing</i>	
<i>Tasmanian devil (Sarcophilus harrisii)</i> <i>camera images)**</i> (on-site)	Camera 8	31/07/2020	03.00am			On mine lease
		08/08/2020	05.34am			
		08/08/2020	04.23am			
		28/08/2020	23.49pm			
		17/09/2020	0.32am			
		28/09/2020	01.23am			
	Camera 9	11/10/2020	21.36pm			
	22/10/2020	03.34am			On mine lease	

Note: All cameras monitor for the presence of Tasmanian Devil Facial Tumour Disease in north-west Tasmania. Images are sent to an independent expert who assesses same and forwards the results to the Save The Tasmanian Devil Program. No diseased animals have been recorded to date. **Mine lease sighting and site camera GPS coordinates are not published due to site security and unauthorised access risk. Camera locations are changed on occasion. #Certain other location coordinates may not be published for species security reasons. Roadkill Note: No EPBC roadkill was caused by mine vehicles. Cameras last downloaded 26/10/2020. Next quarterly report 28 JAN 2021