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Not submitted

88127662257

Submission Date:

NATIONAL GREENHOUSE AND ENERGY REPORTING SECTION 19 - ENERGY AND EMISSIONS REPORT Consolidated Minerals Holdings (Australia) Pty Ltd FOR THE REPORTING YEAR 2018 – 2019

REPORT UNDER SECTION 19 OF THE NATIONAL GREENHOUSE AND ENERGY REPORTING ACT 2007

Corporations registered under Division 3 of Part 2 of the *National Greenhouse and Energy Reporting Act 2007* (the NGER Act) are required to provide a report to the Clean Energy Regulator (the Regulator) by 31 October each year in respect of the previous financial year relating to:

- · greenhouse gas emissions; and
- energy production; and
- · energy consumption;

from the operation of facilities under the operational control of the corporation and entities that are members of the corporation's group, during that financial year.

A report under section 19 of the NGER Act must be given in a manner and form approved by the Regulator and set out the information specified in the *National Greenhouse and Energy Reporting Regulations 2008* (the NGER Regulations). The report must also be based on the methods, or methods which meet criteria, set out in the *National Greenhouse and Energy Reporting (Measurement) Determination 2008* (the Measurement Determination).

This report is an approved form in which a report under section 19 of the NGER Act may be given to the Regulator.

Giving false or misleading information is a serious offence.

SUBMITTING THE REPORT

The approved manner for submission of the section 19 report is completion and submission of the report in the Emissions and Energy Reporting System.

Your report must be submitted to the Regulator by 31 October 2019.

If a copy of this report is printed in hardcopy form for any purpose it does not represent, nor can it be treated as, an official version of the report submitted to the Regulator.

CONTROLLING CORPORATION DETAILS

Name	Consolidated Minerals Holdings (Australia) Pty Ltd
Australian Business Number (ABN)	88127662257
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Head office postal address:	
Postal address line 1	L 2 7 Ventnor Ave
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	WEST PERTH
Postal state	Western Australia
Postal postcode	6005
Postal country	AUSTRALIA
Head office street address:	
Street address line 1	L 2 7 Ventnor Ave
Street address line 2	-
Street address line 3	-
Street city/suburb	WEST PERTH
Street state	Western Australia
Street postcode	6005
Street country	AUSTRALIA

EXECUTIVE OFFICER (OR EQUIVALENT) DETAILS

Name	Kirsten Cadle
Position	
Phone	0894607160
Mobile	0473333431
Fax	-
Email	Kirsten.Cadle@consminerals.com.au
Postal address line 1	PO Box 1220
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	WEST PERTH
Postal state	
Postal postcode	6872
Postal country	AUSTRALIA

CONTACT PERSON DETAILS

Name	Sarah Thomas	
Position		
Phone	0894607114	
Mobile	0475555175	
Fax	-	
Email	sthomas@consminerals.com.au	
Postal address line 1	PO Box 1220	
Postal address line 2	-	
Postal address line 3	-	
Postal city/suburb	WEST PERTH	
Postal state		
Postal postcode	6872	
Postal country	AUSTRALIA	

CONSOLIDATED MINERALS HOLDINGS (AUSTRALIA) PTY LTD EMISSION AND ENERGY REPORT SUMMARY

The table below reports total scope 1 and scope 2 greenhouse gas emissions, energy produced and energy consumed by the corporate group Consolidated Minerals Holdings (Australia) Pty Ltd for the 2018 - 2019 reporting period.

GREENHOUSE GAS EMISSIONS (t CO2-e)			
Scope 1 Scope 2 Total of Scope 1 and Scope 2			
78,822	66	78,888	

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)				
Energy Consumed Total Energy Consumed Net Energy Produced				
1,190,985	1,137,581	53,404		

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide Methane Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride SF6					Total	
78,480	112	230	-	-	-	78,822

UNCERTAINTY

The NGER Regulations require a registered corporation's report to include the amount of uncertainty associated with estimates of scope 1 emissions for their corporate group. Uncertainty is to be assessed for an emissions estimate so that a range for statistical uncertainty is provided at a 95% confidence level. The uncertainty of emissions estimates is to be calculated in accordance with the rules set out in Chapter 8 of the NGER Determination, including in accordance with the Greenhouse Gas Protocol guidance on uncertainty assessment in greenhouse gas inventories and calculating statistical parameter uncertainty (September 2003), as applicable.

FACILITY NAME: WOODIE WOODIE MANGANESE OPERATION			
Fuel Type	Emission Total (tCO2-e)	Uncertainty %	
Diesel oil '	78,550	2.7	

CONSOLIDATED MINERALS HOLDINGS (AUSTRALIA) PTY LTD EMISSION AND ENERGY REPORT DETAIL

Corporate Structure

The table below lists the entities whose greenhouse gas emissions and energy production and energy consumption are included in the S19 report.

No.	Entity Details		Emissions	Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1	Consolidated Minerals (Australia) Pty Ltd Type: Group Member	78,822	66	1,190,985	1,137,581	53,404
2	Consolidated Minerals (Australia) Pty Ltd Type: Group Member Consolidated Minerals Pty Limited Type: Group Member	78,822	66	1,190,985	1,137,581	53,404
3	Consolidated Minerals Pty Limited Type: Group Member Consolidated Minerals Head Office Type: Facility	0	66	341	341	0
4	Consolidated Minerals Pty Limited Type: Group Member Pilbara Manganese Pty Ltd Type: Group Member	78,822	-	1,190,644	1,137,240	53,404
5	Pilbara Manganese Pty Ltd Type: Group Member Woodie Woodie Manganese Operation Type: Facility	78,822	0	1,190,644	1,137,240	53,404

1: CONSOLIDATED MINERALS (AUSTRALIA) PTY LTD - GROUP MEMBER

Name	Consolidated Minerals (Australia) Pty Ltd
Australian Business Number (ABN)	92127662275
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	L 2 7 Ventnor Ave
Street address line 2	-
Street address line 3	-
Street city/suburb	WEST PERTH
Street state	Western Australia
Street postcode	6005
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO2-e)				
Scope 1 Scope 2 Total of Scope 1 and Scope 2				
78,822	66	78,888		

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)				
Energy Consumed Total Energy Consumed Net Energy Produced				
1,190,985	1,137,581	53,404		

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide Methane Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride SF6						
78,480	112	230	-	-	-	78,822

2: CONSOLIDATED MINERALS PTY LIMITED - GROUP MEMBER

Name	Consolidated Minerals Pty Limited
Australian Business Number (ABN)	85000727926
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	L 2 7 Ventnor Ave
Street address line 2	-
Street address line 3	-
Street city/suburb	WEST PERTH
Street state	Western Australia
Street postcode	6005
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO2-e)					
Scope 1 Scope 2 Total of Scope 1 and Scope 2					
78,822 66 78,888					

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)					
Energy Consumed Total Energy Consumed Net Energy Produced					
1,190,985	1,137,581	53,404			

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide CO2	Methane CH4	Nitrous Oxide N2O	Perfluorocarbons PFCs	Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF6	Total
78,480	112	230	-	-	-	78,822

3: CONSOLIDATED MINERALS HEAD OFFICE - FACILITY

Name	Consolidated Minerals Head Office
Facility Street Address	L 2 7 Ventnor Ave WEST PERTH Western Australia 6005 AUSTRALIA
Geographic Coordinates	Latitude 31.950S / Longitude 115.837E
Facility location	-
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	109 - Other mining support services
Operational Control	Consolidated Minerals Pty Limited
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
Grid Connected Electricity Generator	No

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of Consolidated Minerals Pty Limited.

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1 Scope 2 Total of Scope 1 and Scope 2						
- 66						

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)					
Energy Consumed Total Energy Consumed Net Energy Produced					
341	341	-			

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)						
Carbon Dioxide CO2 Methane CO2 Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride PFCs Hydro Fluoro Carbons SF6						
-	-	-	-	-	-	-

SCOPE 2 EMISSIONS				
Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase and loss of electricity from main electricity grid in a State or Territory	94,700	kWh	0.7	66
			Total	66

ENERGY CONSUMED BY MEAN	IS OTHER TH	IAN C	OMBUS	TION				
Activity Type	Fuel / Energy Commodity	Fuel Usage	(:ritarian	Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase and loss of electricity from main electricity grid in a State or Territory	-	-	-	-	94,700	kWh	0.0036	341
							Tota	1341

4: PILBARA MANGANESE PTY LTD - GROUP MEMBER

Name	Pilbara Manganese Pty Ltd
Australian Business Number (ABN)	67074106577
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	L 2 7 Ventnor Ave
Street address line 2	-
Street address line 3	-
Street city/suburb	WEST PERTH
Street state	Western Australia
Street postcode	6005
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS (t CO2-e)					
Scope 1 Scope 2 Total of Scope 1 and Scope 2					
78,822 - 78,822					

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total	Energy Consumed Net	Energy Produced				
1,190,644	1,137,240	53,404				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)									
			Hydro Fluoro Carbons HFCs	Sulphur Hexafluoride SF6	Total				
78,480	112	230	-	-	-	78,822			

5: WOODIE WOODIE MANGANESE OPERATION - FACILITY

Name	Woodie Woodie Manganese Operation
Facility Street Address	Woodie Woodie Minesite, via Marble Bar MARBLE BAR Western Australia 6760 AUSTRALIA
Geographic Coordinates	Latitude 21.631S / Longitude 121.242E
Facility location	-
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	080 - Metal ore mining
Operational Control	Pilbara Manganese Pty Ltd
Number of Days with Operational Control	Full Year
Operational Control Dates	01/07/2018 - 30/06/2019
Grid Connected Electricity Generator	No

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of Pilbara Manganese Pty Ltd.

GREENHOUSE GAS EMISSIONS (t CO2-e)						
Scope 1	Scope 2 Total of Scope 1 and Scope 2					
78,822	-	78,822				

ENERGY PRODUCED AND ENERGY CONSUMED (GJ)						
Energy Consumed Total Energy Consumed Net Energy Produced						
1,190,644	1,137,240	53,404				

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS (t CO2-e)									
Carbon Dioxide CO2 Methane Nitrous Oxide Perfluorocarbons Hydro Fluoro Carbons Sulphur Hexafluoride FCs HFCs F6									
78,480	112	230	-	-	-	78,822			

Source Activity	Fuel / Criterion	Quantity	Energy Values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Diesel oil Fuel usage: combustion Criterion: A	24,508.012 kL	EC (GJ/Unit): 38.6 Z (GJ): 946,009	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	66,126
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	95
				Gas: N2O EF (kg CO2-e / GJ): 0.2	189

				Method: Method 1	
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Fuel oil Fuel usage: combustion Criterion: BBB	19.403 kL	EC (GJ/Unit): 39.7 Z (GJ): 770	Gas: CO2 EF (kg CO2-e / GJ): 73.6 Method: Method	57
				Gas: CH4 EF (kg CO2-e / GJ): 0.04 Method: Method	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criterion: A	586.952 kL	EC (GJ/Unit): 38.6 Z (GJ): 22,656	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	1,584
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	2
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method	11
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based greases Fuel usage: combustion Criterion: A	53.915 kL	EC (GJ/Unit): 38.8 Z (GJ): 2,092	Gas: CO2 EF (kg CO2-e / GJ): 3.5 Method: Method	7

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) Fuel usage: combustion Criterion: A	385.32 kL	EC (GJ/Unit): 38.8 Z (GJ): 14,950	Gas: CO2 EF (kg CO2-e / GJ): 13.9 Method: Method	208
		Source Total	986,477		68,279
Source category: Fuel combustion Source of emissions: Emissions released from fuel use by certain industries (including electricity generation) Activity type: Electricity production - Liquid fuels	Fuel / Energy commodity: Diesel oil Fuel usage: combustion Criterion: A	3,890.664 kL	EC (GJ/Unit): 38.6 Z (GJ): 150,180	Gas: CO2 EF (kg CO2-e / GJ): 69.9 Method: Method	10,498
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method	15
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method	30
		Source Total	150,180		10,543
		Total	1,136,657		78,822

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PRODUCING ELECTRICITY									
Activity Type Fuel / Energy Fuel Criterion Sub- Amount Units Energy Content Criterion Criterion							Energy Content (GJ)		
Electricity production - Liquid fuels	Diesel oil	combustion	А	-	3,890.664	kL	38.6	150,180	
Total									

ENERGY CONSUMED BY MEANS	OF COMBU	ISTION F	OR TRA	NSPO	RT			
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	-	586.952		38.6	22,656
	-	-	-	-	-		Total	22,656

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units		Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil	combustion	A	-	24,508.012	kL	38.6	946,009
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel oil	combustion	BBB	-	19.403	kL	39.7	770
Emissions released from combustion of petroleum based oils or greases	Petroleum based greases	combustion	A	_	53.915	kL	38.8	2,092
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel)	combustion	A	-	385.32	kL	38.8	14,950
Total 963,8								963,821

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION											
Activity Type	Fuel / Energy Commodity	Fuel Usage	Criterion	Sub- criterion	Amount	Units	Factor	Energy Content (GJ)			
Energy consumed (not combusted)	Electricity	non- combustion	-	-	53,404.117	GJ	1	53,404			
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil used as fuel)	non- combustion	A	-	15.032	kL	38.8	583			
							Total	53,987			

ELECTRICITY PRODUCED									
Activity Type	Usage	Amount	Units	Energy Content Factor (GJ/Unit)	Converted Energy Content Amount (GJ)				
Electricity (thermal generation)	For use onsite	14,834,477			53,404				
Total 53,404									

CORPORATE GROUP THRESHOLD MET

The corporate group of Consolidated Minerals Holdings (Australia) Pty Ltd has met a corporate group threshold prescribed in sections 13 (1)(a),(b), or (c) of the NGER Act during the reporting year and is reporting under Divisions 4.3 to 4.5 of the NGER Regulations (regulation 4.03).

PRIVACY STATEMENT

PROTECTION OF INFORMATION

The Clean Energy Regulator is bound by the secrecy provisions of Part 3 of the *Clean Energy Regulator Act 2011* (CER Act) in regard to information it collects in relation to this report and also by the *Privacy Act 1988* in regard to personal information it collects.

PRIVACY NOTICE

'Personal information' is defined in the Privacy Act 1988 to mean information or an opinion about an identified individual, or an individual who is reasonably identifiable:

- (a) whether the information or opinion is true or not; and
- (b) whether the information or opinion is recorded in a material form or not.

The collection of personal information relating to this report is authorised by the *National Greenhouse and Energy Reporting Act* 2007 (NGER Act) and the National Greenhouse and Energy Reporting Regulations 2008.

Personal information collected in relation to this report will be used for the purposes of assessing the report content, auditing compliance, enforcement of relevant laws and regulations, the performance of our statutory functions and for related purposes. We will also use the personal information which you provide for our administrative purposes, for example, to pre-populate other Clean Energy Regulator forms which you wish to fill out online in the future, and for improving our service delivery to you. We cannot process the application if we do not collect relevant personal information.

The Clean Energy Regulator's Privacy Policy contains information about the agency's procedures for handling personal information including how a person can access their personal information held by the agency, and how to seek correction of such information. The Privacy Policy also contains information about how to complain about a breach of the Australian Privacy Principles. The Clean Energy Regulator's Privacy Policy can be found at www.cleanenergyregulator.gov.au.

DISCLOSURE OF INFORMATION

The Clean Energy Regulator is only able to disclose information relating to this report (including personal information) in accordance with the CER Act, the NGER Act, the Privacy Act 1988 or as otherwise required by law.

The circumstances in which such information may be disclosed include:

- Disclosure to the Secretary or authorised officer of a Department for the purpose of administering a program or collecting statistics relating to greenhouse gas emissions, energy consumption or energy production;
- Disclosure to certain agencies, bodies or persons where the Regulator is satisfied that disclosure will enable or assist those agencies, bodies or persons to perform or exercise their functions or powers, including the Australian Securities and Investments Commission, the Australian Competition and Consumer Commission and the Commissioner of Taxation;
- Disclosure for the purposes of law enforcement;
- Disclosure to States and Territories in accordance with the NGER Act; and
- Disclosure for the purposes of a climate change law or for the purposes of the performance of our functions under a climate change law.

DECLARATION

The Executive Officer (or equivalent), as described in the National Greenhouse and Energy Reporting Act 2007 (NGER Act), should read the following declaration below before electronically submitting the report

It is the responsibility of the reporting entity to ensure that the information provided in the Report is prepared in accordance with the requirements set out in the NGER Act and the *National Greenhouse and Energy Reporting Regulations 2008* (the NGER Regulations) and that the data it contains is based on methods prescribed in the *National Greenhouse and Energy Reporting (Measurement) Determination 2008* (the Measurement Determination).

Under the NGER Act and the NGER Regulations, the reporting entity remains responsible for the truth and accuracy of the contents of the report despite the assistance, if any, of a third party in its preparation.

Section 19 of the NGER Act includes a civil penalty provision, a breach of which may attract a pecuniary penalty of up to 2,000 penalty units. The *Crimes Act 1914* provides that one penalty unit is \$210.

In accordance with section 22 of the NGER Act, a reporting entity is required to keep records of the activities of the members of its group that, inter alia, allow it to report accurately under the NGER Act. Records must be retained for a period of 5 years from the end of the year in which the activities took place. Section 22 includes a civil penalty provision, a breach of which may attract a pecuniary penalty of up to 1,000 penalty units.

By electronically submitting, the signatory declares that:

- they have read and understood the penalties that apply for breaching the National Greenhouse and Energy Reporting Act 2007:
- the information provided in this report (including any attachments) is true and correct, and that they understand that the provision of false or misleading information is a serious offence under the *Criminal Code 1995* and may have consequences under the *National Greenhouse and Energy Reporting Act 2007*;
- the information provided in this Report has been prepared and supplied in accordance with the requirements set out in the National Greenhouse and Energy Reporting Act 2007, the National Greenhouse and Energy Reporting Regulations 2008 and the National Greenhouse and Energy Reporting (Measurement) Determination 2008;
- they are duly authorised to act, including submitting this report, on behalf of the reporting entity;
- the Clean Energy Regulator may compel or conduct an audit of the information contained in this report or in relation to compliance with the *National Greenhouse and Energy Reporting Act 2007* or the *National Greenhouse and Energy Reporting Regulations 2008*;
- the Clean Energy Regulator may request further clarification or documentation to verify the information supplied in this Report: and
- the entity providing the report and each group member (if any) listed in the report is a body corporate.