

Verification Opinion

1. Introduction

Freeport-McMoRan Inc. (Freeport) retained GHD Limited (GHD) to conduct a verification of the 2022 greenhouse gas (GHG) emissions inventory (Emissions Inventory) for Freeport's global operations.

The Emissions Inventory is a component of Freeport's annual Climate Report and its Sustainability Report. These reports are published annually on Freeport's website for stakeholders and investors, as part of Freeport's long-term sustainability and climate change mitigation policies. A verification statement, prepared by an accredited Verification Body (VB), is included as part of the Climate Report.

GHD has prepared this Verification Opinion in accordance with ISO Standard *ISO 14064 Greenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions*, April 2019 (ISO 14064-3).

2. Verification Objective, Standards and Criteria

The objective of the verification was for GHD to provide Freeport with an opinion on whether the Emissions Inventory contained no material discrepancies and was prepared in general accordance with ISO 14064-3.

GHD applied the following criteria for this verification:

- ISO 14064 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals, ISO, December 2018 (ISO 14064-1)
- ISO 14064 Greenhouse gases - Part 3: Specification with guidance for the greenhouse gas assertions, ISO, April 2019 (ISO 14064-3 Specification)
- The Greenhouse Gas Protocol – A Corporate Accounting and Reporting Standard, World Resources Institute/World Business Council for Sustainable Development (the GHG Protocol)
- *Corporate Value Chain (Scope 3) Accounting and Reporting Standard: Supplement to the GHG Protocol Corporate Accounting and Reporting Standard*, World Resources Institute/World Business Council for Sustainable Development (Scope 3 Standard)

The verification was conducted to a reasonable level of assurance.

The quantitative materiality for this verification is set at plus or minus five percent of the reported 2022 emissions as per general industry practice and recommended by the GHG Protocol. In addition, a series of discrete errors, omissions or misrepresentations or individual or a series of qualitative factors, when aggregated may be considered material.

3. GHD Accreditation

GHD is accredited by the ANSI National Accreditation Board (ANAB) under ISO 14065 as a Greenhouse Gas Validation and Verification Body. Our ANAB accreditation can be viewed at the ANAB GHG Accreditation

Services website. (<https://anabpd.ansi.org/Accreditation/environmental/greenhouse-gas-validation-verification/AllDirectoryDetails?&prgID=200&OrgId=1735&statusID=4>)

4. Verification Scope

The verification included emissions from Scope 1, 2, & 3 across Freeport's global operations.

Scope 1:

- Stationary Combustion – Carbon Dioxide (CO₂), Methane (CH₄), Nitrous Oxide (N₂O)
- On-Site Transportation – CO₂, CH₄, N₂O
- Industrial Process Emissions – CO₂, CH₄, N₂O
- Fugitive Emissions – Sulfur hexafluoride (SF₆) , Fluorinated gases

Scope 2:

- Purchased Electricity – CO₂, CH₄, N₂O

Scope 3:

- Category 1: Purchased Goods and Services (including Category 2: Capital Goods) - CO₂, CH₄, N₂O
- Category 3: Fuel and Energy-Related Activities - CO₂, CH₄, N₂O
- Category 4: Upstream Transportation and Distribution - CO₂, CH₄, N₂O
- Category 5: Waste Generated in Operations - CO₂, CH₄, N₂O
- Category 6: Business Travel - CO₂, CH₄, N₂O
- Category 7: Employee Commuting - CO₂, CH₄, N₂O
- Category 9: Downstream Transportation and Distribution - CO₂, CH₄, N₂O
- Category 10: Processing of Sold Products - CO₂, CH₄, N₂O

Due to use of US EPA EEIO (Environmentally-Extended Input Output) emission factors for Categories 1, 3, 4, 5 and 7, reported emissions may also include a combination of the following greenhouse gases:

- Carbon tetrafluoride, Hexafluoroethane, HFC-125, HFC-134a, HFC-143a, HFC-23, HFC-236fa, HFC 32, Nitrogen trifluoride, Perfluorocyclobutane, Perfluoropropane and Sulfur hexafluoride.

The verification included emission sources from the facilities listed below.

Facility	Location	Operations
North America		
Morenci	Arizona, USA	Open-pit copper mine
Bagdad	Arizona, USA	Open-pit copper mine
Safford	Arizona, USA	Open-pit copper mine
Sierrita	Arizona, USA	Open-pit copper mine
Miami	Arizona, USA	Copper smelter, rod mill, and open-pit copper mine

Facility	Location	Operations
Chino	New Mexico, USA	Open-pit copper mine
Tyrone	New Mexico, USA	Open-pit copper mine
Henderson	Colorado, USA	Underground molybdenum mine
Climax	Colorado, USA	Open-pit molybdenum mine
Fort Madison	Iowa, USA	Molybdenum chemical plant
El Paso	Texas, USA	Copper refinery and rod mill
South America		
Cerro Verde	Peru	Open-pit copper mine
El Abra	Chile	Open-pit copper mine
Asia		
Grasberg/PTFI	Papua, Indonesia	Underground copper and gold mine
Europe		
Atlantic Copper	Spain	Copper smelter
Rotterdam	The Netherlands	Molybdenum chemical plant
Stowmarket	United Kingdom	Ferromolybdenum plant

The reporting period is between January 1, 2022 and December 31, 2022.

5. Verification Procedures

GHD used the verification procedures detailed in the Verification Plan to assess the following:

1. Accuracy and completeness of annual GHG emissions
2. Uncertainty of external data sources used
3. Emission assumptions
4. Accuracy of emission calculations
5. Potential magnitude of errors and omissions

To sustain a risk-based assessment, the GHD Project Team identified and determined risks related to annual GHG emissions during both the desk reviews and the follow-up interviews. The GHD Project Team particularly focused on the accuracy and completeness of provided information. The components of the document review and follow-up interviews were:

- Document Review:
 - Review of data and information to confirm the correctness and completeness of presented information.

- Cross-checks between information provided in the Emissions Inventory and information from independent background investigations.
 - Determine sensitivity and magnitude analysis for parameters that may be the largest sources of error.
 - Comparison of emissions from 2022 with emissions from previous reporting year(s).
- Follow-up Interviews:
- In-person/Remote Assessment
 - Via telephone
 - Via email

Through the document review GHD established to what degree the presented Emissions Inventory documentation met the verification standards and criteria.

The GHD Project Team's document review during the review process comprised an evaluation of whether or not:

- The documentation is complete and comprehensive and follows the structure and criteria given in ISO 14064 and/or other supporting guidance.
- The methodologies are justified and appropriate.
- The assumptions behind the inventory are conservative and appropriate.
- The GHG emission calculations are appropriate and use conservative assumptions for estimating GHG emissions.
- The GHG information system and its controls are sufficiently robust to minimize the potential for errors, omissions, or misrepresentations.

The GHD Project Team interviewed Facility personnel to:

- Cross-check information provided
- Test the correctness of critical formulae and calculations
- Review data management and recording procedures

6. Site Assessments

GHD completed on-Site verification activities both virtually and in-person. Using a risk-based approach, GHD conducted site assessments at the following facilities:

- El Abra (virtual)
- Safford (in-person)
- Sierrita (in-person)

7. Verification Findings

Emissions Boundary & Year-over-Year Check

Based on GHD's review the organizational boundary for the Emissions Inventory is appropriate and includes all relevant Scope 1 and Scope 2 emissions. The Scope 3 emissions boundary includes all emission sources for

which data was available for the 2022 reporting year. GHD determined the change in emissions from the previous reporting period are consistent with changes in operations and calculation methodologies.

Scope 1, Scope 2, Scope 3 Emissions

GHD reviewed reported Scope 1, 2, and 3 emissions for the reporting period. GHD completed a detailed review of the reported emissions from PTFI, El Abra, Safford and Sierrita as well as reviewing sample data and calculation methodologies from all other Sites. GHD verified that the methodologies used for calculating emissions are reasonable and appropriate and were determined to be reasonable and accurate. GHD did not identify any errors, omissions, or discrepancies that exceeded the materiality threshold. Based on GHD's review the reported emissions are materially correct.

8. Statement of Verification

Freeport reported the following as their emissions assertion for the 2022 reporting year:

- Scope 1 Emissions: 4,927,823 tonnes carbon dioxide equivalent (CO₂e)
- Scope 2 Emissions: 2,757,463 tonnes CO₂e
- Scope 3 Emissions: 5,892,373 tonnes CO₂e

Based on the procedures undertaken, it is our opinion that the Freeport 2022 Emissions Inventory is supported by appropriate underlying evidence and is free of material misstatements.

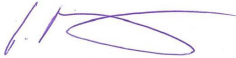
All of Which is Respectfully Submitted,
GHD

Handwritten signature of Sean Williams in black ink.

Sean Williams, P. Eng.
Co-Lead Verifier
CARB Accredited Lead Verifier (H2-20-093)

Handwritten signature of Jess Cassidy in black ink.

Jess Cassidy, P. Eng.
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Gordon Reusing, M.Sc., P.E., P. Eng.
Peer Reviewer
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