



做全球矿业领域
ESG积极践行者



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中國黃金國際資源有限公司2023年環境、社會及管治報告

中國黃金國際資源有限公司
China Gold International Resources Corp.Ltd.
環境、社會及管治報告
Environmental, Social and Governance Report

2023



Notice

This report is the fourteenth Environmental, Social and Governance Report (also referred to corporate social responsibility report) published by China Gold International Resources Corp. Ltd. (the "Company"). It highlights efforts made by the Company over the past year, including ESG management, energy-conservation and environmental protection, work safety, rights and interests of employees, science and technology innovations, creation of harmonious communities and other initiatives with an aim to strengthen the communication and connection with all interested parties.

Basis of Preparation

This report is prepared based on Sustainable Development Goals of the United Nations, Guideline on Fulfillment of Corporate Social Responsibility of Central Enterprises issued by the State-owned Assets Supervision and Administration Commission of the State Council ("SASAC"), Environmental, Social and Governance Reporting Guide issued by Hong Kong Stock Exchange, Guide on Preparation of Corporate Social Responsibility Reports of Chinese Enterprises (CASS-CSR4.0) published by the Research Center for Corporate Social Responsibility, Economics Division, Chinese Academy of Social Sciences with reference to the practices of the Company.

Reporting Principles

This report follows "Mandatory disclosure", "Comply or explain" provisions and the four reporting principles (materiality, quantitative, balance and consistency) of Environmental, Social and Governance Reporting Guide issued by Hong Kong Stock Exchange.

Materiality: We have identified and disclosed the process and criteria for material ESG issues in the report.

Quantitative: We have disclosed the statistical standards, methodologies, assumptions and calculation tools used in reporting KPIs, and sources of conversion factors.

Balance: This report discloses objective information and presents the Company's performance during the reporting period in an impartial manner to avoid unduly influencing decisions or judgement of readers of the report.

Consistency: We use a consistent approach to statistical disclosure as last year in this report. If there are any changes to statistical methods or key performance indicators or any other relevant factors that affect meaningful comparisons, we will make this clear in our ESG report.

Time Period

This report is an annual report, in terms of time span from January 1, 2023 to December 31, 2023, and some parts of the report will cover other years to ensure continuity of information.

Report Expression

For the convenience of expression and reading, China Gold International Resources Corp. Ltd. is also referred to as "China Gold International", "the Company", "Company" or "we". China National Gold Group Co., Ltd, the controlling shareholder of the Company, is referred to "China Gold" or the "Group". China Gold International has two subsidiaries, Tibet Huatailong Mining

Development Co., Ltd. (also referred to Huatailong, Jiama Mine or Jiama) and Inner Mongolia Pacific Mining Co., Ltd. (also referred to Inner Mongolia Pacific, CSH Mine or CSH).

Subject Scope

This report covers the Company and its subsidiaries, Jiama Mine and CSH Mine. The content coverage of this Report is consistent with the coverage of the 2023 Annual Report.

Source

This report is designed to give a true view of our proactive practice in economic, social and environmental responsibilities for overall coordinated and sustainable corporate development. All information and data are derived from our official documents, statistics reports and financial statements, as well as the corporate social responsibility practices of the business units that are pooled, summarized and reviewed by our functional departments. In case of any inconsistencies between the financial information and that in the annual report, the annual report shall prevail. Unless otherwise specified, all financial data stated in this report are denominated in Renminbi (RMB).

Availability

Requests for printed copies of this report should be addressed to the Board Secretary Department of China Gold International Resources Corp. Ltd. This report is also available in electronic version on our website.

Contact Information

Office Address in China: No. 9 An Ding Men Wai Street, Dongcheng District, Beijing, China

Post code: 100011

TEL: 86-56353622

FAX: 86-56353622

Website: www.chinagoldintl.com

Email: info@chinagoldintl.com

Office Address in Canada: Suite 660, One Bentall Centre 505 Burrard Street, Box 27 Vancouver, BC Canada V7X 1M4

TEL: +1 604-609-0598

Website: www.chinagoldintl.com

Email: info@chinagoldintl.com

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Corporate Profile

China Gold International is a mining company focused on acquisition, exploration, mining and development of gold and other nonferrous resources. It is registered in Vancouver, British Columbia, Canada. China National Gold Group Co., Ltd. (hereinafter referred to "China Gold" "CNG" or the "Group") is the controlling shareholder of the Company.

The Company's principal mining operations are the Chang Shan Hao Gold Mine ("CSH Gold Mine" or "CSH Mine" or "CSH"), located in Inner Mongolia Autonomous Region, China and the Jiama CopperGold Polymetallic Mine ("Jiama Mine" or "Jiama"), located in Tibet Autonomous Region, China. China Gold International holds a 96.5% interest in the CSH Gold Mine, while its Chinese joint venture ("CJV") partner holds the remaining 3.5% interest. Phase I of the CSH began its trial gold production in July 2007, and Phase II expansion in August 2013. And the Company holds 100% interest in the Jiama Mine from December 1, 2010. Jiama hosts a large-scale copper-gold polymetallic deposit consisting of copper, gold, molybdenum, silver, lead and zinc. Phase I of the Jiama Mine commenced commercial production in September 2010.

China Gold International's common shares are listed on the Toronto Stock Exchange ("TSX") and the Stock Exchange of Hong Kong Limited ("HKSE") under the symbol CGG and the stock code 2099, respectively. Additional information relating to the Company, including the Company's Annual Information Form, is available on SEDAR at www.sedar.com as well as Hong Kong Exchange News at www.hkexnews.hk.



Key Economic Indicators(unit:USD)

Item	Unit	2023	2022	2021	2020	2019
Total Revenue	Million USD	459	1,105	1,137	864	657
Operating earnings	Million USD	32	317	333	154	(3)
Net (loss) profit	Million USD	(23)	225	269	114	(32)
Basic earnings per share	Cents	(6.43)	56.19	67.44	28.24	(8.28)
Total asset	Million USD	2,835	3,195	3,257	3,323	3,197
Total non-current liabilities	Million USD	802	653	1,080	1284	818

Board's Statement on ESG Governance

The Board of Directors of China Gold International made the following statement in accordance with the requirements of the "Environmental, Social and Governance Reporting Guidelines" issued by the Stock Exchange of Hong Kong Limited (hereinafter referred to as "Hong Kong Stock Exchange"). The board of the Company promises that the Company and its board of directors strive to follow the requirements of the "Environmental, Social and Governance Reporting Guide" issued by the Stock Exchange of Hong Kong Limited, and continuously optimize its environmental, social and corporate governance system (hereinafter referred to as "ESG"). We will further strengthen the board's role in supervision and participation on ESG related affairs, and actively integrate ESG considerations into the Company's major decision-making processes and business practices.

Board's role in ESG Governance

Bearing the ultimate responsibility for ESG governance, the Board of Directors is responsible for supervising the company's ESG development direction, strategy and related matters. The Board of Directors and its Governance and Nominating Committee, Remuneration and Welfare Committee, Health, Safety & Environment Committee are responsible for overseeing the Company's commitments and performances on key issues, coordinating with other committees and functional departments to incorporate ESG factors into internal control, risk management, strategic planning, remuneration and incentives, etc., and reporting ESG performances and major plans to the Board of Directors.



ESG Management Policies and Strategy

The Company attaches great importance to the significant impact that ESG risks may have on the Company. Every year, the Company updates its ESG issue database based on ESG risk identification, macro policies and trends, and feedback from stakeholders. Then the ESG issues are prioritized based on stakeholder survey and expert evaluation results to make out the focus of ESG governance. The results of this year's materiality analysis have been submitted to the Board of Directors for approval. If necessary, meetings can be held in due course to communicate on ESG-related issues.



Targets, Indicators and Review Progresses

The Company has established an ESG target management mechanism, covering major ESG performance indicators such as pollutant discharge, GHGs emission, safety management, employee rights and interests, community welfare, anti-corruption compliance management and occupational health management. In addition to annual quantitative targets, there are also medium- and long-term management targets, all of which are regularly reviewed to check their progress. To ensure the achievement of these targets, the Company signs annual performance commitment documents with management staff, subsidiaries and construction companies to integrate the Company's key ESG performance and take workplace safety, energy conservation and environmental protection, operating compliance management, occupational health and social responsibility into the appraisal system of key management personnel. The Board of Directors convenes the Health, Safety and Environment Committee on a quarterly basis to review the fulfillment of the ESG performance indicators and the fulfillment of the targets for the previous year review. The ESG targets for the current year have been achieved and are in line with the expectations of the Board of Directors.



ESG Management

ESG Management System

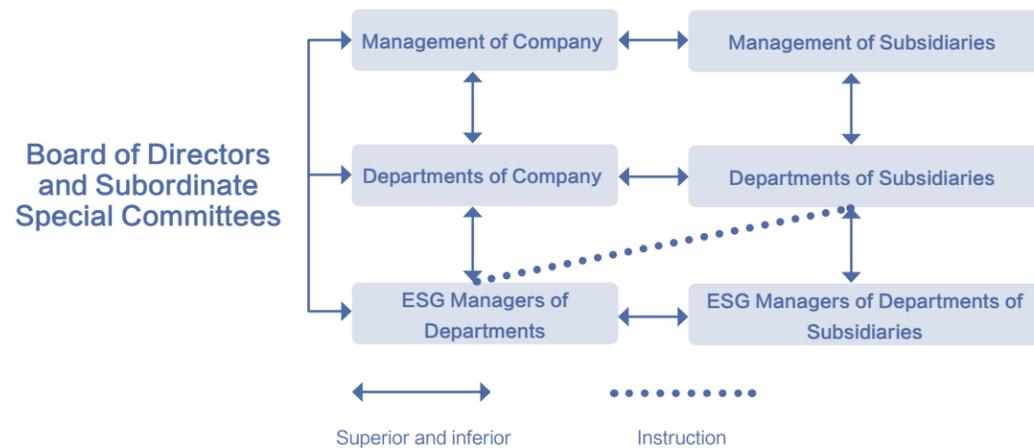
Administrative authorities

The Company gradually builds up a sound ESG management system. The ESG strategic issues are decided and managed by the Board of Directors (the "Board") and its Nominating and Corporate Governance Committee, Audit Committee, Compensation and Benefits Committee, and Health, Safety and Environmental Committee, and implemented by the management of the Company. ESG team, including major management from the subsidiaries, is responsible for decision-making and management of their ESG issues.

Daily management bodies

At relevant departments of the headquarters and the subsidiaries (branches), management bodies, posts and personnel, responsible for carrying out ESG work, are deployed covering safety management, energy conservation, emission reduction and environmental protection, compensation and benefits, occupational health, technological innovations and employees' interests. The General Office is responsible for disclosing ESG information, as well as responding to inquiries of investors, regulatory authorities and other stakeholders on ESG issues.

Organization structure



Specific safety management system

China Gold International always puts safety, health and environmental protection first, increasing the investment in safety and eco protection in recent years. Following safety and eco protection provisions of China and the China Gold, the Company requires its two subsidiaries to improve regulatory system and to improve the capacity of work safety. In 2023, China Gold International made all efforts to implement "dual responsibilities on one position", urged its subsidiaries to implement the system of safety and eco protection management, and carried out special rectification movements for safety and environmental protection. China Gold International and its two subsidiaries have adhered to the three bottom lines of "safety, eco protection and stability", increasing the investment in safety and environmental protection. We have optimized the safety to improve intrinsic safety in accordance with relevant regulations of the Government and Company.



Specific environment management systems

Attaching great importance to environmental management systems, the Company has established the Health, Safety and Environmental Committee with organization and environmental professionals staffed at the headquarters and the subsidiaries under three well-established environmental management systems.

- 
Organizational management system

The subsidiaries and branches are required to set up definite environmental administrative authorities, and establish corporate environmental management system consisting of persons in charge of the subsidiaries, environmental management departments, heads of workshops and workshop environmental officers. By strengthening the leadership, addressing project implementation and funding and exercising strict monitoring and management, the systems are designed to improve self-environmental management capabilities of the units, ensuring them to meet the emission reduction and the achievement of "dual-carbon" targets for major pollutants.
- 
Statistic and monitoring system

The subsidiaries and branches are required to staff dedicated environmental monitoring inspectors, who are responsible for formulating and implementing the plans for regular monitoring of major and typical pollutants, ensuring normal operations of pollutant treatment facilities, and establish the pollution source monitoring database.
- 
Reward & punishment system

Environmental management structure, environmental management systems, environmental records management and control for major pollutants in the subsidiaries and branches are included into performance evaluation. Environmental protection responsibility system has been established and implemented.



ESG Philosophy

Vision

Our ESG vision: carry out all businesses in an ethic and sustainable way, protecting and advancing the interests, health, safety, benefit and individual development of employees directly and indirectly serving China Gold International; operate in an environmentally responsible manner, seeking to solve the technical bottlenecks through innovative development; and become a part of the international community and take opportunities to promote the development concept of China Gold International so as to ensure a sound image as a dedicated performer of social responsibility in the global mining sector.



Model

Aiming at "acting as a dedicated performer of ESG in the global mining sector", China Gold International takes initiatives covering implementation of ESG management, risk control, compliance and business ethics to achieve core values such as environmental protection, energy conservation, work safety, employees' interests, technological progress, harmony and win-win.

We keep in mind that an enterprise should effectively manage the impacts of its business on the stakeholders and natural environment in performing its core social function to pursue economic benefit, seeking to maximize corporate, social and environmental benefits for harmonious mutual development with its stakeholders.



Values

Adhere to the fullest, rational and scientific principle in exploitation and utilization, to promote scale exploitation and comprehensive utilization of gold and nonferrous metallic mineral resources.

Never carry out mine production wherever compromising ecological environment.

Create spiritual wealth as well as material wealth instead of merely pursuing product as a monetary token, attach importance to environmental protection and reasonable exploitation and utilization of resources, and live up to ESG and obligations.

Core philosophy

- 1 Environmental protection and energy conservation**

Seek to establish a resource conservation and environment-friendly enterprise. Minimize the consumption of natural resources and environmental impact in efficiently exploiting and utilizing mineral resources.
- 2 Work safety**

Seek to create a safe production and operation environment. Incorporate the work safety culture across all production and operation processes, strengthen the management framework and system construction for safety, and build up a sound and longstanding safety mechanism.
- 3 Employees' interests**

Adhere to the "human-oriented and give full scope to the talents" concept to fully protect employees' interests, provide them a good platform for growth and inspire their enthusiasm and creativity, thus achieving mutual development between the Company and employees.
- 4 Technological progress**

Adhere to the concepts of "Science and technology are primary productive forces" and "Leveraging the leading technologies to serve the country", actively participate in the national researches on the difficulties in processing and refining of gold and complex polymetallic ore; and actively make industrialization attempts to tackle the technical difficulties in processing and refining low-grade gold ore and increase the utilization efficiency of gold and nonferrous resources.
- 5 Harmony and win-win**

On the premise of "business integrity for win-win and multi-win" and the mutual respect and benefit principle, promote extensive cooperation with the stakeholders; continuously improve customer services, strengthen supplier management, and carry forward strategic cooperation with local government, suppliers, creditors, enterprises and public sectors and other entities; consider the interests of local people, create more employment opportunities, and strive to achieve win-win with the stakeholders.

ESG performance scorecard

A: Target achieved (>95%) B: Proceed as scheduled C: Failed

Scope of responsibilities	ESG targets for 2023	Completeness of target
ESG management	Set up an internal social responsibility management framework that covers all functions, tier-two business units and major production enterprises, as well as sound communication channels.	A
	Provide multi-level ESG training and workshops to improve ESG awareness of management personnel and employees.	A
	Publicize legal knowledge, provide anti-corruption training, deepen efficiency monitoring, and nurture the business concept of compliance.	A
Economic performance	Benchmark to the domestic best-in-class practices, improve resource reserve system and marketing service system, and strive to achieve the strategic transformation.	A
	Strengthen business management and realize asset preservation and appreciation.	A
	Enhance the control over premium resources, increase resource acquisition capability and promote capital operation.	B
Safety performance	Strengthen work safety and build up a sound management model of safety production to cater for strategic transformation.	A
	Advance the safety standardization management system construction, effective monitor major hazard sources, and improve the emergency rescue system, aiming at zero fatality in work safety and minimizing the occurrence of other accidents.	A
	Strengthen the safety management information system and the safety education and training framework to continuously improve safety performance.	A
Caring to employees	Accelerate safety-oriented technological renovations in processes and equipment, strengthen R&D, and leverage technological innovations to achieve safety management.	A
	Strictly follow the national laws and regulations to protect legitimate rights and interests of employees.	A
	Provide on-the-job training and reinforce the career ladder for employees.	A
Environmental performance	Build up a sound occupational safety and healthcare system for employees.	A
	Fulfill the responsibilities for employees, and gradually improve the compensation packages as planned.	A
	Assist the employees in need to overcome difficulties.	A
Social performance	In respect of energy conservation and emission reduction, standardize fundamental management and target management, press forward monitoring, inspection and assessment to meet the preset goal to fight climate change and achieve carbon peaking and carbon neutrality goals.	A
	Increase environment investment, uplift innovation capability in environmental technologies, promote application of energy conservation technologies, and improve comprehensive utilization of renewable resources, aiming at the domestically leading and internationally advanced performance.	A
	Develop mineral resources in a scientific way, and improve comprehensive utilization of resources, recycling of remnant ore and reuse of wastes.	A
Social performance	Increase the support for public welfare, and help the underdeveloped areas through multiple means.	A
	Support community education, improve health survey and build up community infrastructure to achieve mutual development of the enterprise and the community.	A
	Increase local procurement and achieve employment localization to promote economic growth of the community.	A
	Observe business ethics and fight against commercial bribery to create a fair competitive market.	A



Material Issue Analysis

In order to advance its ESG work, the Company attaches importance to building a sound participation mechanism for its stakeholders. The Company draws upon the ESG standards and the best practices of other enterprises, with reference to its development goal and strategy, industrial characteristics and the expectation and requirements of the stakeholders, to identify the material issues in a rational manner.

Process to identify material issues

- 1. Confirm objective of ESG** Considering the Company's development goals and strategy, material issues are identified and confirmed regarding national policy, CSR and ESG standards and the best responsibility practice.
- 2. Understand expectation of stakeholders** Material issues essential to Company's development are further identified by communicating with stakeholders and collecting their opinions to understand the material issues they care about.
- 3. Select material issues** Material issues are selected and sequenced according to the concern of stakeholders and the influence of the issues on the Company.
- 4. Review the issues by the Board** The results of issue materiality results are submitted to the Board to confirm the key disclosures and work plan for improving ESG performance in this year's Report.
- 5. Formulate work plan and put into practice** Work plan is formulated and put into practice, and action plan are drawn up to provide action resources by confirming participation scope of the plan.
- 6. Feedback of stakeholders** The implementation effect of the planning is assessed through internal and external communication. Experiences are summarized for continuous improvement.



List of material issues





ESG Enhancement

Effective ESG management is a cornerstone for corporate sustainable, steady and harmonious development. To proactively improve its ESG enhancement management system, China Gold International communicates with the stakeholders through a range of means to continuously improve its ESG performance.

Formulating management system

With the system, regulations and processes for corporate ESG management in place, the Company has established a longstanding mechanism for ESG management and practices. Preparation and publishing of annual reports on corporate ESG have effectively ensured the implementation of our ESG work. Through preparing and publishing this report, we deepened our understanding of ESG indicator system based on better comparison of information and statistics, and the identification of "weakness" in ESG management will play a vital role in improving our ESG management system and capabilities.

Launching specific training programs

The Company continues to enhance training for its employees on safety, legal issues and human rights and environmental management, laying a solid foundation for specific ESG management.

Upgrading specific work

Pushing ahead its ESG management, the Company seeks to focus on thematic practices as a breakthrough, where appropriate, to infiltrate the ESG concept into all functions and business units for upgrading and optimization of the existing working model.



Communications with Stakeholders

The Company attaches great importance to communication with stakeholders, and translates relevant claims into actions and objectives. And we effectively strengthen our capacity building, disseminate the Company's ESG concept and practice to stakeholders through various channels, to meet expectations of stakeholders.

Participation of Interested Parties

Interested Parties	Description	To the expectation of Company	Communication Means	Key Indicators
Governments	Chinese and local governments	Proactively implement the state's macro control, promote consolidation under the national industrial reviving plan, strengthen supervision on work safety, protect the environment	Plans and proposals, attendance of meetings and special reports, statistic statements and visits	Total tax, headcount
SASAC	An investor on behalf of the state	Achieve preservation and addition of state-owned assets, improve corporate governance, focus on principal business, uplift competitiveness, proactively implement the state's energy conservation and emission reduction policies, achieve green operations	Rules and regulations, business targets, assessment criteria, work reports, statistic statements	Principal operating revenue, total profit, return on net assets, preservation and addition ratios of state-owned assets
Employees	All members in the Company's organizational structure	Protect employees' interests, assure stable employment opportunities and compensation, improve career path, provide safe and healthy work environment	Labor unions at various levels, regular employee representative conferences, smooth internal communication channels	Employment contract signing ratio, social insurance coverage ratio, employee loss ratio, training investment, number of proposals at employee representative conferences
Customers	Customers that purchase products or services	Keep promise, provide cost-efficient products and quality services, achieve mutual benefits	Close communications with customers, strict execution of contracts, extensive information about products and services	Execution of contracts and agreements
Business partners	Suppliers, contractors, financial institutions, research institutions, consulting agencies, etc.	Observe business ethics and laws and regulations, establish long-term cooperation to achieve mutual benefit and win-win	Negotiations on strategic cooperation, high-level meetings, bidding, day-to-day business relationship, regular visits	Execution of contracts and agreements
Investors and creditors	Holders of shares and bonds of the Company and its subsidiaries	Continuously enhance corporate value, reduce risk, continue as a going concern, satisfy debt service as scheduled, pay dividends	Accurate and timely information disclosure, regular visits, annual reports, general meetings	Credit rating, minority interests
Community and the public	Local society where we operate	Promote sustainable development of community economy, support public welfare, protect the community's environment, achieve common prosperity	Agreement on co-development, participation in community projects, regular communications, joint celebration events	Investment in community development, total donation to community welfare
Non-government organizations	International organizations, industry associations and local groups	Support social groups and organizations, fulfill the charters, improve disclosure of operational information, support environmental and other public welfare undertakings	Active participation in meetings, continuous improvements, advice and suggestions	Attendance to relevant meetings, investment in public welfare



Social Recognition

While creating economic benefits, China Gold International continues to create social value and earnestly fulfills its economic, environmental and social responsibility, which has received positive recognition from the public. As a result, a responsible company brand and image has been established.

Honors for China Gold International from 2022 to 2023

Company	Year	Honors	Granting unit
Jiama Mine	2023	Second Prize for Networking Direct Reporting of "Four-above" Enterprises in 2022	Lhasa Municipal Bureau of Statistics
Jiama Mine	2023	Advanced Unit for Greening of the South and North Mountains of Lhasa in 2022	Command Department of the Greening Project of the South and North Mountains of Lhasa, Tibet Autonomous Region
Jiama Mine	2023	National Ethnic Unity and Progress Demonstration Unit	National Ethnic Affairs Commission
Jiama Mine	2023	Worker Pioneer of Federation of Trade Unions of Tibet Autonomous Region	Federation of Trade Unions of Tibet Autonomous Region
Jiama Mine	2023	"Advanced Collective" in Trade Union Work of the County from 2018 to 2023	Federation of Trade Unions of Maizhokunggar County
Jiama Mine	2023	Worker Pioneer (Xuelian Intelligent Central Control Female Team of Tibet Huatailong Mining Development Co., Ltd.)	Federation of Trade Unions of Tibet Autonomous Region
Jiama Mine	2023	Li Lei (Mineral Processing Plant I) Wins the Title of First Lhasa Craftsman in 2023	Lhasa Federation of Trade Unions
Jiama Mine	2023	Second Prize of Research and Application of Intelligent Mining Technology for High-altitude, Alpine and Cold Polymetallic Mines Based on 5G Communication Technology	China Gold Association
Jiama Mine	2023	Third Prize in the Construction and Application of Intelligent Mine Operation and Management Platform Based on the Internet of Things + Technology	China Gold Association
Jiama Mine	2023	Third Prize for Technological Innovation of Front-line Workers in Multi-point Filling and Dehydration of Underground Pit	China Gold Association
Jiama Mine	2022	Second Prize for Large-Scale Green Mining Technology and Application of Underground Metal Mines in High Altitude and Cold Areas	People's Government of Tibet Autonomous Region
Jiama Mine	2022	Secondary Enterprise Certificate for Work Safety Standardization (Preliminary Evaluation)	Emergency Management Department of Tibet Autonomous Region
Jiama Mine	2022	Second Prize for Key Technology and Application of Comprehensive Recovery of Complex Refractory Copper Polymetallic Ore	China Gold Association
Jiama Mine	2022	Third Prize for 3D Modeling and Research of Complex Ventilation System in High Altitude	China Gold Association
Jiama Mine	2022	Special Prize for Science and Technology Award of China Gold Association	China Gold Association

Honors for China Gold International from 2022 to 2023

Company	Year	Honors	Granting unit
Jiama Mine	2022	Bai Yingpan from Mineral Processing Plant I May 1st Labor Medal of Tibet Autonomous Region	Federation of Trade Unions of Tibet Autonomous Region
Jiama Mine	2022	Liu Xuanyao from Mineral Processing Plant II Tibetan Craftsman in 2022	Federation of Trade Unions of Tibet Autonomous Region
CSH Mine	2023	"May 4th Red Flag Youth League Branch in Tibet Autonomous Region" in 2022	Communist Young League of Bayannur
CSH Mine	2023	2021-2022 Youth Model Unit Award of Central Enterprises	Central Enterprise Standing Committee of Communist Youth League of China
CSH Mine	2023	May 4th Red Flag Youth League Committee (Youth League Branch) in the Banner in 2022	Urad Middle Banner Committee of the Communist Youth League, Urad Middle Banner Youth Federation
CSH Mine	2023	Advanced Collective in Trade Union Work in the Banner	Federation of Trade Unions of Urad Middle Banner
CSH Mine	2023	Outstanding Workers' Reading Organization of Inner Mongolia Autonomous Region	Federation of Trade Unions of Inner Mongolia Autonomous Region
CSH Mine	2023	Excellent Organization of Youth Volunteer Services in Chengdu in 2023	Bayannur Municipal Committee of the Communist Youth League, Bayannur Young Volunteers Association
CSH Mine	2023	Youth Work Safety Demonstration Post in Bayannur City, 2022	Bayannur Municipal Committee of the Communist Youth League, Emergency Management Bureau of Bayannur City
CSH Mine	2023	Advanced Unit of Respecting Teachers and Valuing Education in 2023	Urad Middle Banner Committee of the CPC Committee, Urad Middle Banner People's Government
CSH Mine	2022	Excellent organizational unit of the speech contest themed by "Joining hands to welcome 20th CPC National Congress, learning the Law and use the Code to the future and work safety in the heart"	Federation of Trade Unions, Justice Bureau and Emergency Management Bureau of Urad Zhongqi
CSH Mine	2022	Second Prize in the "Guohua Cup" knowledge contest of fostering a strong sense of community for the Chinese nation themed with celebrating the 20th CPC National Congress and exhibiting youth style	Publicity Department and United Front Work Department of Urad Zhongqi, CPC
CSH Mine	2022	A-level Taxpayer in Tax Credit Rating in 2019-2021	State Taxation Administration of The People's Republic of China Urad Zhongqi Taxation Bureau
CSH Mine	2022	2021 National Advanced Unit for China Gold Industry News Publicity Work	China Gold News
CSH Mine	2022	Bayannur Civilized Unit	Spiritual Civilization Construction Committee of Bayannur City
CSH Mine	2022	High-tech Enterprise	Science and Technology Department of Inner Mongolia Autonomous Region
CSH Mine	2022	Advanced Unit for Proportional Employment of the Disabled	Disabled Work Committee in Bayannur City
CSH Mine	2022	May 4th Red Flag Youth League Committee (Youth League Branch)	Urad Zhongqi Committee of the Communist Youth League
CSH Mine	2022	Outstanding Collective Model of "Youth Learning" in 2021	Urad Zhongqi Committee of the Communist Youth League
CSH Mine	2022	Research and Application of Key Technologies for Integration and Optimization of Super-large Heap Leaching Production Process System, the First Prize of Science and Technology Award	China Gold Association



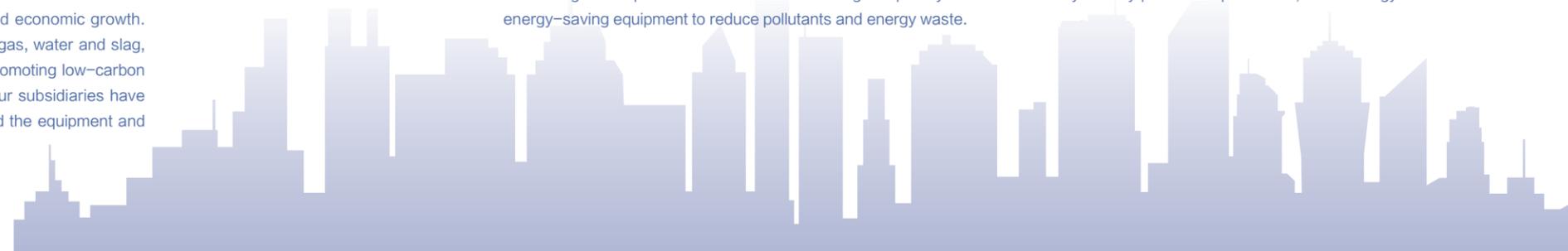
Green Took the Lead in the Era of "Dual Carbon"

Response to Climate Change
Energy Conservation and Emission Reduction
Recycling of Water Resource
Environmental Protection



There is a long way to go before we achieve green development. Guided by the conviction that lucid waters and lush mountains are invaluable assets, China Gold International Resources Corp. Ltd. has been committed to fighting the battle of pollution prevention and control and making our sky blue again. With a commitment to safety-based, clean, conservation-oriented and harmonious development, the Company insists on pursuing mutual development between environmental protection and economic growth. We dedicate ourselves in environmental protection and treatment activities, focusing on treatment of waste gas, water and slag, energy conservation and emission reduction, greening and landscaping. Great efforts have been taken in promoting low-carbon economy under a green development model featuring low energy consumption, pollution and emissions. Our subsidiaries have strictly implemented their own responsibilities in environmental protection and management, always ensured the equipment and

facilities of environmental protection in good condition. We have regulated the discharge of waste water and waste gas, disposed and stored solid waste based on standards, enabling the discharge of pollutants to reach standards. In addition, the Company has strengthened production source control and given priority to environmentally friendly production processes, clean energy and energy-saving equipment to reduce pollutants and energy waste.



Response to Climate Change

In the face of increasingly severe global climate change, the international community has made addressing climate change an important issue, and China has put forward a "dual-carbon" goal in order to address climate change and assume the responsibility of a major country. To this end, the Company has actively responded to the call for carbon peak and carbon neutrality, unswervingly pushed forward the work of carbon peak and carbon neutrality, established a green, low-carbon and high-quality industrial system, accelerated the low-carbon transformation and development, and continued to fight the battle of pollution prevention and control, so as to respond to climate change with practical actions.



Focusing on the national policy of carbon peaking and carbon neutrality, the Company sets its own goals according to the national deployment and relevant requirements. Referring to the suggestions posed by the Task Force on Climate-Related Financial Disclosure (TCFD), the Company has identified the potential risks and opportunities caused by climate change to improve management in line with the results. The Company strives to improve the governance performance on climate-related issues to cope with climate change.

◎ Governance

Response to the climate change is one of the priorities for our various departments, especially the environmental department. The Company's Health, Safety and Environment Committee is responsible for assisting the Board of Directors to supervise, review and handle policies, measures and performance targets related to social responsibility, including climate change.

◎ Strategy

The risks brought by climate change mainly include two kinds: one is the physical risk caused by extreme weather or rising temperature; the second is the transition risk brought about by changes in policies, laws, markets and supervision in response to climate change. As a mining enterprise in the gold industry, the Company first takes climate change mitigation and adaptation as one of its daily priorities to effectively identify and manage climate change. Then the Company communicates with stakeholders on climate change, monitors extreme weather events and establishes a relatively perfect emergency management plan for it. Some other strategies include reducing the use of polluting materials, exploiting natural resources in a planned way, monitoring the trend of raw material supply and price, and redesigning the process when appropriate to ensure the continuous supply of input materials. The Company has taken a lot of measures to deal with the risks and opportunities brought by climate change and reduced the risks and challenges of climate change.

◎ Risk Management

We have identified three major climate change risks: policy and law, market and technology, and extreme weather, based on the analysis of domestic and international policies related to climate change, the trend of mining system and the current situation of the Company. According to the risk analysis framework of TCFD, the potential risks and opportunities of operational activities have been identified, and the risks and opportunities of climate change are planned to be included in the overall operational risk management in the future. In addition, we have set up a leading group and an supervisory group for safety and environmental protection inspection, and established safety management system, including organizational system, institutional system, training system, and dual prevention mechanisms involved safety risk classification control and hidden danger investigation. Hidden danger of major accidents is identified every year.

◎ Targets and Performance

The Company has made an energy consumption plan, including dividing energy-saving targets to all energy-using units, workshops and shifts, and even to posts and individuals. We also organize daily and monthly inspections of equipment and energy, hold energy analysis meetings every month to conduct comparative analysis of energy consumption, and evaluate the energy saving. The corporate management department implements the rewards and punishments according to the Energy Management Assessment System.

The Company has further promoted the dual prevention mechanism involved safety risk classification control and hidden danger investigation. We have summed up the experience, optimized the operation to improve the comprehensiveness and accuracy of investigation of hidden dangers. The management have made clear the enterprise risks. Risk management review has been conducted at least once a year, and the risk classification control list updated in time to optimize the control measures. Major risks must be monitored in real time or managed on duty 24 hours a day to ensure risks under control.

◎ Risk analysis and identification of climate change

Policy and Legal Risk

With the gradual advancement of carbon peaking and carbon neutrality goals and the implementation of state environmental protection laws and regulations, the relevant national policies and requirements have changed, such as the differences between different regions in the policy of dual control of energy consumption, the changes in the trading rules of carbon emission rights and the price of carbon emission quotas over time, and the constraints of ecological environment on project development. Therefore, increased compliance costs of enterprises are bound to affect the production and operation of the Company.

The Company has actively strengthened communication with relevant local policy authorities, led all the staff to learn and understand the policy, and reduced risks through compliance operation.

Market and Technical Risk

In the process of technological transformation, the development and application of energy-saving and environmental protection technologies, such as energy structure optimization, "three wastes" treatment, mining and dressing process upgrading, may have an impact on the Company's operation and business. In the future, the possible decrease of carbon allowance will cause the increase of transaction price, which brings forward high request of carbon asset management. In the long run, the public pays more and more attention to low-carbon and environmentally-friendly companies, and peers who do better in ecological restoration, energy conservation and emission reduction will bring certain competitive pressure to the Company.

The Company has adjusted the energy consumption structure to reduce energy consumption of enterprises by adopting environmental-friendly and energy-saving equipment and processes, gradually eliminating backward mechanical and electrical equipment. It has increased the research and development of low-carbon technologies and exploited mineral resources in a planned way. We also focus on carbon asset management, and improve market ability by optimizing internal control. We strengthen environmental protection, and promote green environmental protection operation, striving to reduce the negative impact on the environment and realize the green development of enterprise.

Acute physical risk

Global warming makes extreme weather increased, such as extreme high temperature, extreme cold, heavy rain and snowstorm, and flood, which may bring challenges to the Company's production safety, loss of personnel and property, and material supply.

The Company has monitored extreme weather events, made plans for natural environmental risks in advance, worked out pre-plans and emergency measures, and actively responded to operational interruptions or other negative effects caused by extreme weather, so as to ensure the stable production of mines and the safety of employees.

Energy Conservation and Emission Reduction

China Gold International fulfills its responsibilities in environmental protection in production and business. Targeting "low consumption, low emissions and high efficiency", the Company encourages its subsidiaries to set up key environmental performance goals, standardize the discharge of wastewater and waste gas, solid waste treatment and storage, reduce waste and greenhouse gas emissions and improve water and energy efficiency, so as to realize green development through energy conservation and emission reduction.



📍 Jiama Mine

Jiama Mine performs the following laws and regulations: *Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, Law of the People's Republic of China on Prevention and Control of Water Pollution, Law of the People's Republic of China on the Prevention and Control of Pollution from Environmental Noise, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Environmental Protection Regulations of the Tibet Autonomous Region*, etc. Jiama has specific rules on control and management of various pollutants, requiring that facilities for prevention and control of noise and solid wastes shall be installed, which have been accepted by the Environmental Protection Department of Tibet Autonomous Region, and discharge of relevant atmospheric and water pollutants shall meet the standards.



In 2023, the planned power consumption of Jiama Mine was **625,000,000**kW/h, but the actual power consumption was **197,750,000**kW/h, a decrease of **437,510,000**kW/h compared with last year. The annual planned newly added water consumption was **6.8** million tons while the actual water consumption is **1.721** million tons, a decrease of **5.297,000** tons from last year. The planned harmless wastes were **40.0751** million tons while the actual wastes were **6.5289** million tons, a decrease of **33.1704** million tons from last year. The goal of zero emission of greenhouse gases was also achieved.

Key Indicators for Environmental Protection Performance of Jiama Mine						
Item	Unit	2023	2022	2021	2020	2019
Total energy consumption	Ton of coal equivalent	24,303.06	71,928.27	70,413.2	73,303.31	64,282.25
Sewage emission	Ton	0	0	0	0	0
COD(chemical oxygen demand) emission	Ton	7.47	0	4.87	4.91	4.1
Newly added water	10,000 tons	172.10	701.8	657.18	775.72	208.18
Circulating water	10,000 tons	670.24	2,934.4	2,697.05	2,460.58	1,813.08
Emission reduction	Ton	7.47	-4.87	-0.04	0.81	-10.63
Residue emission	10,000 tons	413.11	1,692	1,344	1,432	1,197.5

Note: Slag emissions are equivalent to tailings emissions.

● Prevention of air pollutant

Currently, the air pollutant refers to the dust discharged out of the exhaust funnels of the processing plant in Jiama, which is discharged organically after the treatment of three pulse bag dust collectors installed at the crushing section. Based on the environmental monitoring of Sichuan Radiation Detection&Protection Institute of Nuclear Industry as authorized, the dust discharged meets the standards, without any pollution problem.

● Prevention of greenhouse gases

As for the greenhouse gases, there is no organized emission of such gases based on the Greenhouse Gas Inventory. Solar energy is being used for heating, without any emission of greenhouse gases like carbon dioxide. Based on its unique geographical environment and long hours of sunshine in Tibetan areas, Jiama adopts solar power generation equipment to reduce emission of greenhouse gas, creating a new model for the application of energy conservation and emission reduction in mining enterprises on the Qinghai-Tibet Plateau.



Jiama Mine Lays Solar Energy to Build Smoke-Free Mining Area

Based on the National Hazardous Waste Inventory, the major hazardous wastes of the company include the used lubricants from the processing plant and machine repair workshops, the medical wastes from the clinic and the containers of acid substances from the laboratory and processing plants, of which all the medical wastes and the containers of acid substances are recycled by a third party under the relevant agreement signed; the used lubricants are separately stored at the temporary waste oil storage site with proper anti-seepage measures. In the meantime, the company is dealing with Lhasa Municipal Ecology and Environment Bureau, and qualified units such as Lhasa Municipal Hazardous Waste Disposal Center and Tibet Shenglutong Logistics Information Co., Ltd. with regard to the waste oil transportation and disposal procedures.

Hazardous Waste of Jiama Mine					
Item	2023	2022	2021	2020	2019
Medical wastes (ton)	0.30	0.05	0.3	0.24	0.24
Used lubricants (ton)	15.60	21.92	53.03	4.68	27.95
Containers of chemical agents (ton)	42.96	90.36	5.48	0	1.66
In total(ton)	58.86	112.33	58.81	4.92	29.85
Harmful waste per ton of ore(g/ton)	13.751	6.439	0.004	0.003	2.41

● Prevention of noise

Noise reduction measures are taken strictly in accordance with the environmental impact assessment requirements, without any noise pollution generated.

● Prevention of solid wastes

Jiama Mine has always been aiming to "develop a mine without any harm to the environment" and taking reduction of discharge of mine production wastes, mainly the tailings, as the top priority. The solid wastes mainly consist of the domestic garbage, which is transported to Maizhokunggar County Refuse Landfill by the company's garbage trucks on daily basis and disposed under the agreement signed with the Refuse Landfill. The waste rocks are piled in the outdoor dump. The tailings are stored in the tailings ponds, or are filled into the pit through filling system in two ways, cemented filling with full tailings and non-cemented filling with full tailings.



In 2023, Jiama Mine produced **6.5289** million tons of harmless wastes, including **4.1311** million tons of tailings, **2.3978** million tons of waste rocks. And the ratio of the harmless wastes per ton of ore was **1.54**.

● Treatment of domestic wastewater

Adhering to the principle of water recycling in ore-processing, Jiama Mine regularly replenished fresh water and realized zero discharge of domestic wastewater. The company has a domestic wastewater treatment station. The treatment station is designed with a daily processing capacity of 480 cubic meters, which can meet the domestic sewage treatment needs at Jiama Mine. The treated water is used for road watering to reduce dust and plant greening. The company has built and put into use the Sibugou acid water treatment plant with designed maximum water treatment capacity of 18,000 cubic meters per day, which could treat the maximum acidic water in rainy seasons. Sibugou backwater plant is being built, which aims to transfer the treated water to the ore-processing plant II through the pipeline and pump house, realizing the reuse of water resources.



Jiama Mine adopted the flotation wastewater reusing and treatment technology to achieve "zero discharge" of sewage

◎ CSH Mine

CSH Mine strictly follows the Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, Law of the People's Republic of China on Prevention and Control of Water Pollution, Law of the People's Republic of China on the Prevention and Control of Pollution from Environmental Noise, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of the People's Republic of China on Water and Soil Conservation, Grassland Law of the People's Republic of China, Mineral Resources Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Sand, Law of the People's Republic of China on Land Administration, Law of the People's Republic of China on the Protection of Wildlife, Law of the People's Republic of China on Promoting Clean Production, Measures for Administration of Environmental Protection Acceptance of Completed Construction Project, Integrated Wastewater Discharge Standard, Integrated Emission Standard of Air Pollutants, Standard of Environmental Noise of Urban Area and Emission Standard of Air Pollutants for Boiler. CSH Mine has authorized Inner Mongolia Fuyuan Xinji Environmental Testing Co., Ltd. to carry out monitoring for domestic sewage, underground water, boiler fume, soil, TSP and noise at boundary every quarter, so as to strictly control the emission of pollutants and meet the standards.

Key Indicators for Environmental Protection Performance of CSH Mine						
Item	Unit	2023	2022	2021	2020	2019
Total energy consumption	Ton of coal equivalent	8,445.04	10,646.59	14,054.33	18,251.31	18,650.38
Sewage emission	Ton	0	0	0	0	0
COD(chemical oxygen demand) emission	Ton	0	0	0	0	0
Newly added water	10,000 tons	104.2	84.3	108.4	115	118
Circulating water	10,000 tons	4,426.93	4,155	4,606	5,520	5,657
COD emission reduction	Ton	0	0	0	0	0
Residue emission	10,000 tons	2,346.11	1,678.99	4,707.33	6,494	6,826.60



In 2023, comprehensive energy consumption per ton for mineral processing was **8.47** kWh in CSH Mine and water consumption per ton of ore was **0.105** tons.

In 2023, the planned power consumption of CSH Mine was **100,000,000**kWh, but the actual power consumption was **66,156,300** kWh, a decrease of **18,449,900** kWh compared with last year. The annual planned newly added water consumption was **1.3792** million tons while the actual water consumption is **1.042** million tons, an increase of **199,200** tons from last year. The greenhouse gas emissions were **0** tons, **0** tons less than last year. The planned harmless wastes were **20** million tons while the actual wastes were **23.4611** million tons, an increase of **6.6712** million tons from last year.

● Prevention and control of air pollution

The pollutants produced by CSH Mine include sulfur dioxide, nitrogen oxides, fume, carbon dioxide and industrial dust. The Company has actively responded to the national environmental protection requirements and taken corresponding treatment measures for various pollutants generated in production to reduce the impact on the environment and ensure up-to-standard emission. During the mining operation, measures such as dust collection and wet-type dust reduction are taken for dust control and reduction of drilling equipment; compression and pre-splitting blasting is adopted to reduce dust; 16 sprinklers are used for watering to control the dust on the transportation road, so as to meet the relevant requirements. Each link in the crushing workshop is closed. 16 composite bag dust collection systems, 29 sintered plate dust collectors and 27 watering points are installed, with specialized personnel assigned for maintenance and repair of the dust collectors and watering points to ensure their normal operation. All the dust gathered by the collectors is transported by a screw conveyor to the belt and returned to the process, which will not be discharged out. All the coal-fired boilers have been replaced with air energy heat pumps for heating purposes. The original four 4-ton and three 10-ton coal-fired boilers have been shut down permanently. This has eliminated the problem of pollutant discharge from the boilers and significantly reduced air pollution caused by the emission of harmful pollutants.

● Prevention of greenhouse gases

CSH Mine has only emitted carbon dioxide as a greenhouse gas, without releasing methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, or hexafluoropropane. To enhance the efforts in energy conservation and emission reduction, the construction teams of CSH Mine have invested RMB 1.5 million to complete the transformation of the coal-to-electricity heating equipment. Additionally, they have installed 17 sets of air energy heating equipment to eliminate the issue of pollutant discharge from "scattered, disorderly and small" boilers. The Company has promoted clean energy and implemented the "coal-to-electricity" project, which can save about 3,000 tons of standard coal through heating modification, thus eliminating the emission of pollutants from the Company.

● Prevention of solid wastes

The solid wastes produced by CSH Mine consist primarily of mining waste rocks and domestic garbage. After conducting an assessment of the toxicity and corrosivity of mining waste rocks, CSH Mine concluded that these rocks are categorized as Class I general industrial solid waste in the mining area. Therefore, CSH Mine plans to dispose of the majority of its mining waste rocks in the dump, but will also use them for other purposes. For instance, some of these rocks will be used to construct flood-intercepting ditches in the waste rock yard to prevent water and soil loss. Additionally, some of the rocks will be utilized for plant leveling and on-site road bedding to minimize land occupation and reduce environmental impact.

● Prevention and Control of Noise

The CSH Mine's mining area is located far from residential areas, and herdsmen have relocated to the surrounding area, therefore there are no nearby villages or noise-sensitive points. Through monitoring, it has been found that the main sources of noise in the mining area are traffic, mining, vibrating screens, ball mills, high-frequency screens, water pumps and other mineral processing equipment. So, CSH Mine has taken measures, such as noise elimination, sound insulation, and foundation vibration reduction, to mitigate workshop noise impacts. It also entrusts a third-party environmental monitoring organization to continuously monitor the Company's workshop noise sources every quarter. The results show that the daytime and nighttime noise value range at the boundary of the mine meets the limit requirements of Class III standard in Emission Standard for Industrial Enterprises Noise at Boundary (GB12348-2008), and the production and operation of the mine have not caused any noise impact on the surrounding environment.

In 2023, CSH produced **23.4611** million tons of non-hazardous wastes, most of which were waste rocks. And the Non-hazardous wastes per ton of ore was **2.35**.

In accordance with *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste*, and *National Hazardous Waste Inventory*, hazardous wastes produced by CSH Mine are the used mineral oil. CSH stores the used mineral oil at a separate place and regularly transports them with approval. Besides, CSH sets up clear symbols for hazardous wastes and improves management account for used mineral oil. In strict accordance with the *Regulation on Hazardous Wastes Manifests*, CSH signed with Erdos Municipal Dingshi Renewable Resources LLC to sell and transfer the used mineral oil.

Hazardous Waste of CSH Mine					
Type	2023	2022	2021	2020	2019
Medical wastes (ton)	0	0	0	0	0
Used lubricants (ton)	8.40	35.80	78.44	29.14	16.08
Containers of chemical agents (ton)	0	0	0	0	0
In total(ton)	8.40	35.80	78.44	29.14	16.08
Harmful waste per ton of ore(g/ton)	2.346	2.754	5.969	2.209	1.23

● Sewage treatment

The wastewater produced by CSH Mine includes production wastewater, pit water and domestic sewage. In terms of production wastewater, the internationally advanced and domestically pioneered dripping technology with subsurface pipes is introduced to ensure the year-round production and operation of mines in northern cold areas. The cleaning water and barren liquor in the dressing and smelting workshop are recycled. The cyanide-containing solution in the heap leaching site is recycled through a fully closed circuit from the spray, storage yard, pregnant solution pool, barren liquor pool, and spray pipeline (backwater) to the storage yard, so that the dressing and smelting wastewater will not be discharged outside. In terms of pit water, rainwater and underground water will accumulate in the pit after deep mining. After precipitation treatment, the water will be reused for sprinkling and dust reduction in the pit, waste dump, and roads. Meanwhile, intercepting ditches shall be set up upstream of the waste rock yard to prevent atmospheric precipitation from scouring the waste dump, and intercepting ditches shall be set up downstream to collect and drain the waste rock yard's water and prevent soil erosion. Domestic sewage is treated by contact oxidation method, with a treatment capacity of 30 m³/h. The water quality after treatment meets the greening standards in Reuse of Urban Recycling Water – Water Quality Standard for Urban Miscellaneous Use, and the treated domestic sewage can be used for road sprinkling to reduce dust or plant area greening.

◎ Environmental targets

Adhering to the concept of green development, China Gold International vigorously promotes energy conservation and emission reduction. The Company has initially set directional goals for the year of 2023 in energy efficiency, water efficiency, waste reduction and emission of greenhouse gas, so as to promote the sustainable development of the enterprise. At the same time, we review and examine the implementation of environmental targets and measures in a timely manner, and monitor various emission sources to identify more opportunities for energy conservation and emission reduction. In the future, we will set more specific quantitative environmental goals, take the road of green, low-carbon and high-quality development, ensure that resources are used properly, contributing to the fight against climate change.



Recycling of Water Resource

Water is an indispensable and irreplaceable resource for the development of human society. As the importance of water resources becomes more and more prominent, the Company attaches importance to water resources management and conservation. In terms of water extraction, the Company ensures that all projects under construction and operation have obtained relevant water extraction certificates, realizing standardized water extraction; upgrading the production system by using new processes, technologies and equipment to reduce water consumption; giving priority to the use of production backwaters in the plant to minimize the extraction of new water; recycling the underground gushing water of the mines and the sewage water of domestic use to realize the recycling of water resources after treatment for industrial production. After treatment, it is used for industrial production, realizing the recycling of water resources and building a water-saving enterprise.

Water utilization rate in 2023

Jiama Mine Plant No. 1: 94.6%
Plant No. 2: 72.6%
CSH Mine: 100%



Indicator		2023	2022	2021	2020	2019
Water consumption	Newly added water (in 10,000 ton)	276.30	786.08	765.58	890.72	326.18
	Circulating water (in 10,000 ton)	5,097.33	7,090.3	7,303.05	7,980.58	7,470.08
Water consumption per RMB10,000 output(ton per tenthousand RMB)		8.53	10.58	10.56	14.89	7.2
Water consumption per ton ore (ton)		0.19	0.26	0.26	0.32	0.14

CASE

Jiama Mine adopts Spugou water treatment process to treat acidic water

Jiama Mine attaches great importance to the recycling of water resources and builds a water-saving enterprise. RMB 72 million was invested in the construction of the Sibugou Water Treatment Plant, which adopts an environmental protection process for water treatment to control environmental pollution caused by acid water. The process adopts the method of separating clean water from sewage, which diverts and controls the discharge of clear water. Acidic water is centrally diverted to the raw water regulating tank of the water treatment plant to stabilize the quantity of acidic water. The acidic water undergoes an iron removal reaction, and most of the ferric iron in the water is removed through precipitation after passing through the regulating buffer tank. After iron removal, it enters the vulcanization reaction tank for vulcanization reaction to recover copper in water in the form of copper sulfide precipitation. The effluent after copper recovery by sulfurization enters the HDS reaction tank, and the water is treated with the HDS process using lime milk to further reduce the concentration of heavy metal pollutants in the water so that the effluent meets the requirements of discharge standards. In 2023, the Sibugou Water Treatment Plant treated a total of about 1.13 million cubic meters of acidic water and provided 28,000 cubic meters of production water. The effluent quality basically met the standard, realizing the purpose of recycling water resources.



Jiama Mine Sibugou Water Treatment

Environmental Protection

China Gold International always prioritizes harmonious coexistence between humans and nature in its pursuit of development, attaches equal importance to "resource development and environmental protection", conscientiously fulfills the "one post with two responsibilities" for ecological civilization construction and ecological environment protection, protects lucid waters and lush mountains, and builds a beautiful China.



Strengthen environmental management

Regarding ecological protection and green development as the prerequisite for high-quality development, the Company keeps abreast of world-class mining companies in advanced ecological concepts. We have built a sound accountability system with clear responsibilities by strengthening environmental management, improving the ecological management system, promoting ecological responsibility system. The ability of ecological protection work has greatly improved to advance green development of enterprises.

According to regulations of listed companies, the Company holds regular the board meeting quarterly to study environmental issues. We have revised nine environmental management systems for environmental incident investigation, accountability, and emergency response, and included environmental protection in performance assessment. Actively promoted the rectification of central environmental protection inspection issues, set up a special weekly scheduling problem rectification progress, organized experts to Jiama Mine and CSH Mine to carry out the rectification and acceptance work. Signed performance commitment documents with the subsidiaries for decomposition of targets and performance assessment.

Green and environmental operation

The Company adheres to the green concept, actively promotes the green office campaign. Given its cross-region operations, messaging tools such as OA, teleconference system, WeChat and WeChat Work, are widely used in the Company's routine to improve efficiency of green office. Actively promoting clean production, the Company places emphasis on environmental management across the entire production process, aiming to continuously improving on-site clean production performance.

Green procurement

The Company promotes green procurement and actively implements the *Opinions on Government Procurement of Environmentally Labeled Products of the PRC*. Based on the principle of energy conservation, environmental protection and low carbon, the Company gives priority to purchasing products with environmental labels, selects manufacturers with leading environmental protection and energy-saving technologies as main equipment suppliers, and controls them from the source. The Company also encourages suppliers to introduce new technologies and equipment with the characteristics of energy conservation and environmental protection, so as to build a green supply chain and contribute to the green development of the industry.

Environmental technology innovation

Technological innovation provides strong support for green development. Placing priority on environmental research, the Company has focused on environmental development and application. Therefore, the environmental innovation and system integration provides a technical support for pollution prevention and eco management. Considering the environmental characteristics of Jiama region, Jiama Mine carried out the key technologies and applications of bottom reconstruction ecological restoration in high-cold and high-altitude mining areas, aiming at changing the soil structure system. By screening the primary species algae featured by fast growth, high polysaccharide secretion and strong nitrogen fixation, the problems of poor soil nutrition and thin soil layer faced by the ecological restoration of mines in Jiama Mine have been solved. It also can promote biological soil formation, and solved the problems of ecological restoration, so as to protect the fragile surface environment in the plateau area.

Strengthen environmental publicity and training

The Company advocates green and low-carbon production and lifestyle, carries out publicity activities on the topic of environmental protection, formulates and implements annual training plans for environmental protection, improves the awareness and quality of environmental protection among all employees, and creates a good atmosphere for green and low-carbon development throughout the Company. In 2023, the Company carried out special training on environmental protection in the form of "June 5th" World Environment Day, special lectures on environmental protection and self-study by departments. The environmental awareness, working concepts, and methods of the owners and environmental protection personnel were strengthened through publicity and training. This helped to standardize the environmental governance of the Company and actively played the main role of the company in micro-environmental management. Through continuous publicity, training and education, ecological priority and green development have become the consensus and conscious action of all employees in the Company.



Jiama Mine carried out soil pollution hidden danger investigation training

CASE

CSH Mine launched the "June 5th Environment Day" theme activity

On June 5, 2023, CSH Mine launched the "June 5th Environment Day" theme activity, organized employees to watch the national home publicity activities and thematic promotional videos, and held lectures to explain policies and regulations on waste classification, ecological environment protection, biodiversity, peak carbon dioxide emissions, carbon neutrality and related environmental protection knowledge. Over 400 environmental protection leaflets and more than 200 brochures were distributed to employees in the mining area, alongside theme banners and wall charts. In addition, the employees of the Company actively learned environmental protection knowledge by watching the "June 5th World Environment Day" publicity activity through the company's WeChat official account and mobile live broadcast.



CSH Mine launched the "June 5th Environment Day" theme activity

Through this World Environment Day publicity activity, the Company has given employees a deeper understanding of the importance of environmental protection, guided and encouraged everyone to actively participate in ecological environment protection and ecological civilization construction, and created a new trend of green and low-carbon life.

◎ Protection of regional ecological environment

The Company has firmly upheld the concept of "building an enterprise into an environment keeper", adhering to the principles of "spur the environmental protection during pursuing development and promote economic growth while working for the environment" and "rely on the scientific and technological progress, develop the circular economy and construct the green mines". The Company has afforded the mines to improve the ecological environment so as to better promote the mining development and environmental protection.

In strict compliance with the Exploitation and Utilization Scheme for Mineral Resources, the Environmental Protection and Restoration Scheme for Geological Environment of Mines and the Land Reclamation Scheme for Mines, the Company insists on the basic environmental protection principle of "people-oriented, environmental, prevention-oriented, clean production, energy conservation and emission reduction". The Company adheres to "paralleled mining and reclamation" across the design and mining processes for mineral resource development, seeking to restore vegetation continually, prevent soil erosion and preserve biological diversity. The Company strictly complies with the national environmental laws and regulations. The new investment projects recorded 100% fulfillment rate for both "environmental impact assessment" and the "three simultaneous" requirement, thus strengthening environmental management on new projects from the source. The Company has zero environmental pollution accident since its establishment.

CASE

CSH Mine achieved good results in ecological restoration project

Adhering to the principle of managing while developing, CSH Mine has continuously strengthened the geological environment protection and land reclamation of mines, reduced the damage to the geological environment of mines caused by production, revised the *Mine Geological Environment Protection and Land Reclamation Plan*, and carried out management and restoration in strict accordance with the plan.

By 2023, all of the planned ecological restoration has been completed, covering an area of 1.55 million square meters. In addition, the western mining pit has been backfilled with 10.66 million cubic meters of material, exceeding the annual plan by 6%. Furthermore, 355,000 square meters of vegetation have been restored in the backfilled area. All the pending plans will be finished by 2024. The Company began to carry out ecological restoration work in 2013. By the end of 2023, a total of 498 hectares of ecological restoration have been completed, including about 471 hectares of waste dump and 27 hectares of other areas.



Environmental conditions of the CSH Mine's mining area

CASE

Jiama Mine carried out reclamation and greening work

Jiama Mine has planted more than 8,000 willow trees and flowers beside the 9.5-kilometer Jiama Green Tourism Highway, invested RMB 33 million to implement soil and water conservation and tree and grass planting greening projects in mining areas, and applied drip irrigation technology under film into greening projects, which greatly reduced soil erosion caused by traditional sprinkler irrigation while saving water resources. Up to now, Jiama Mine has planted 9,756 trees and 4,242,000 sea buckthorns in the mining area, and sowed 23,228 kg of highland barley and Zandaren grass seeds, with a green coverage rate of 62.54%.



Reclamation and greening work of Jiama Mine

◎ Monitoring of regional ecological environment

According to the requirements of environmental monitoring work, China Gold International actively entrusts the relevant monitoring units to carry out the environmental monitoring work of the mining area. The monitoring items include groundwater, surface water, domestic sewage, climate, noise, efficiency of dust removal of the plants. The internal monitoring is conducted by quality inspection center of the Company in accordance with the monitoring program on time.

CSH establishes an environmental monitoring system, regularly carries out environmental monitoring work. CSH monitors various environmental indicators through internal organization and authorizing Inner Mongolia YiCheng Environmental Testing Co., Ltd. to carry out monitoring on a monthly, quarterly and half-year basis. CSH sets up special environmental monitoring personnel to be responsible for the internal and external environmental monitoring. All test results reached standards in line with national laws and regulations



Environmental monitoring report of Jiama Mine



Environmental monitoring report of CSH Mine

According to the monitoring plan formulated in EIA, Jiama Mine formulates detailed annual monitoring plans every year, and entrusts professional testing institutions to carry out monitoring of environmental factors such as wastewater, waste gas, surface water, groundwater, noise, soil and radiation every quarter according to the requirements of monitoring points, analyzes the detection results promptly, immediately analyzes the reasons for exceeding the standard and takes treatment measures. The monitoring results are filed with the local environmental protection bureau, and the Company's environmental monitoring station carries out self-monitoring every month. According to the monitoring results in recent years, all pollutants can meet the up-to-standard discharge requirements of Class III in *Quality Standard for Ground Water*, Class III in *Environmental Quality Standards for Surface Water*, Class I in *Integrated Wastewater Discharge Standard* and *Discharge Standards for Copper, Nickel, and Cobalt Industrial Pollutants*.



Human-oriented and Safety-based Operation

Strengthening the awareness of work safety

Enhancing the capabilities of emergency response

Forming high-quality safety culture



Guided by the spirit of General Secretary Xi Jinping's important instructions on work safety, China Gold International has deeply established a sense of safety bottom line and laid a solid management foundation of "Human-oriented and safety first". Through systematic safety training and practical emergency drills, the awareness of the Company's safety culture is deeply rooted in the hearts of every employee. The Company fully realizes the durability, arduousness and complexity of work safety, closely follows its own strategic transformation reality, adheres to the forward-looking concept of "all accidents can be prevented" and the core purpose of "people-oriented, safe development", firmly implements the policy of "safety first, prevention foremost and comprehensive management", deeply and comprehensively improves the system safety and intrinsic safety level of the Company, and lays a solid foundation for building a safety fortress and creating a harmonious mine.

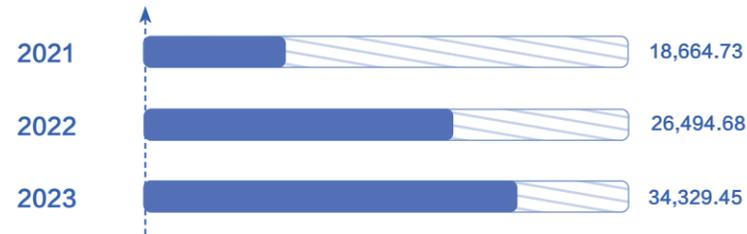


Strengthening the awareness of work safety

The Company attaches great importance to work safety, adheres to the concept of putting people and their lives first in production, coordinates development and safety, pays close attention to work safety, effectively blocks safety loopholes, resolutely prevents safety accidents, strengthens the awareness of work safety, and escorts development with high-level safety. The Company pays deep attention to the occupational health and well-being of its employees, and creates a safe working environment through education and publicity, setting up warning signs, optimizing processes and other diversified measures, aiming at effectively preventing all kinds of occupational hazards and effectively safeguarding the physical and mental health of its employees.



Work safety investment of the Company in 2021~2023 (unit: in 10,000 yuan)



Work safety standardization construction

The Company continuously improves its work safety conditions and implements the standardization construction of work safety. The investment in work safety is mainly used for underground support, underground goaf treatment, updating employee labor protection facilities, employee safety training and special equipment testing in various production areas. By strengthening the safety risk prevention at the operation site, personnel training, personnel protection and equipment inspection and testing, the Company as a whole is orderly promoting the overall development towards essential safety. The company pays deep attention to the occupational health and well-being of its employees, and creates a safe working environment through education and publicity, setting up warning signs, optimizing processes and other diversified measures, aiming at effectively preventing all kinds of occupational hazards and effectively safeguarding the physical and mental health of its employees.

Management of Tailings pond

The Company attaches great importance to the management of tailing ponds, establishes a leading group for safe production work, and formulates specific measures, requirements and time schedules for safe production, which provides organizational guarantee for the smooth and effective implementation of safe production work, so that the tasks of tailing pond management are clear and orderly. 2023, Jiama Mine completed the closure of the first phase of the tailing ponds and the review of the safety of the tailing dams and other related work; the Guolanggou tailing ponds completed major changes in the design of safety facilities and safety special repair work, and obtained the safety status evaluation report; actively promoted the construction of the new tailing pond project in Yulongbu, and obtained the approval from the Department of Emergency Management of the Tibet Autonomous Region.

Construction of dual prevention mechanism

The Company further implements the main responsibility of safety, further strengthens the safety management work, implements the control measures for safety risks, intensifies the investigation and management of hidden dangers, deeply promotes the construction of a dual prevention mechanism, improves the ability to prevent and control safety risks and ensures the work safety of enterprises.

CASE

Jiama Mine performed inspections on work safety during the National Day Holiday

During the Mid-Autumn Festival and National Day, work safety is the most important task of an enterprise. Jiama Mine strictly abides by the important speech spirit of Lu Jin, Secretary of the Party Committee and Chairman of the Group, at the two-section video conference on work safety during the two festivals, keeping a close eye on the site and paying special attention to implementation of the project. On October 1, the Secretary of the Party Committee and Chairman of the Company led a team to go deep into the front line to inspect the work safety. They successively went to the underground branch mine, Guolanggou tailings pond, Mineral Processing Plant I, material distribution center, Niumatang ecological restoration site, as well as the participating units such as China Gold International Construction Project Department, the campsites of Yunnan Construction and Investment Holding Group and Zhejiang Huaye to carefully inspect the safety work, and sent holiday wishes and sincere greetings to the comrades on their posts. They expressed their heartfelt thanks to the cadres and employees who were still working on their posts during the National Day Holiday and the outsourced construction units. The inspection team has gone deep into the underground sub-mine 4320 and 4650 sub-levels, and inspected in detail the underground ventilation, power supply safety, underground empty area management, filling pipe laying, etc.; in the material distribution center, inspected the material stockpile, fire safety, power supply safety, etc., and pointed out that the materials must be reasonably planned to revitalize the existing stockpile of materials, and long-term idle materials should be transferred and disposed of; in the ore dressing plant, focused on the process maintenance, equipment and facilities management and preparation for the resumption of production. In the beneficiation plant, we focused on the inspection of process maintenance, equipment and facilities management and preparation for the resumption of work and production, etc. In the premises of the participating units Yunnan Construction Investment, the project department of Zhongjin San Company and the premises of Zhejiang Huaye, we carried out a detailed inspection of the safety of fire and electricity in the canteen and dormitory of the premises.

During the two festivals, the Company gave high importance to safety work and conducted regular inspections to ensure a stable work safety situation. The Company strengthened on-site safety management and closely monitored the key tasks, weak links of tailings pond repair, reinforcement, winding up and underground filling system construction. It also checked for hidden dangers, reinforced rectification, prevented risks and avoided accidents, and enhanced the investigation of hidden dangers in key parts on the ground and underground to identify and eliminate all potential safety hazards promptly. All these measures were taken to guarantee absolute safety.

CASE

CSH Mine conducted comprehensive investigations of potential safety hazards

On December 18, the Office (Safety Management Department) of CSH Mine Safety Committee organized a safety inspection team to conduct a comprehensive investigation of potential safety hazards in terms of safety and environmental protection facilities, employee labor protection articles, operation sites, dangerous chemical substances, fire safety facilities, special equipment, etc. in explosive magazines, open pits, waste dumps, heap leaching sites, dressing and smelting plants and other places or departments. It was found that No. 112 and 128 excavators in the north expansion shovel loading site of the northeast mining pit were too close to each other during operation, and crystallization occurred at the valve of the liquid cyanide pipeline in the liquid cyanide warehouse of absorption and smelting workshop 1. On December 19, the Safety Management Department rechecked the hidden dangers and problems found in the investigation and confirmed that all problems had been rectified as required.



Liquid cyanide pipeline valve of liquid cyanide warehouse after rectification

CASE

CSH Mine actively implemented safety risk classification control

In order to implement the Safety Risk Announcement System and other documents formulated by CSH Mine, corresponding safety warning signs are set up for workplaces with major safety risks. The contents of safety risk bulletin boards and safety risk notification cards for key positions are updated promptly according to the continuous improvement results of safety risk evaluation. At the same time, safety risk education and training are strengthened to ensure that the management and each employee master the basic situation of safety risks and preventive and emergency measures. In this way, continuous improvement can be achieved to ensure that safety risks are controlled and safe and stable.



Safety risk four-color map of CSH Mine

Management of inflammable and explosive articles

In order to ensure work safety and the health and safety of employees, the Company has taken a series of effective measures to strengthen the management of inflammable and explosive articles. Combined with strict management systems, it enhances employees' safety awareness, ensures the safe storage and use of inflammable and explosive articles, and provides a solid guarantee for safe development.

CASE

CSH Mine strengthened the all-around management of inflammable and explosive articles

CSH Mine has formulated a series of rules and regulations to ensure the safety of employees' lives and property, and actively strengthened the safety management of inflammable and explosive articles.

-  The management personnel of inflammable and explosive articles storage area must receive safety knowledge training, pass the examination and hold relevant certificates.
-  The management personnel must keep records of the flow of inflammable and explosive articles, and implement the safety measures that two people keep, deliver and receive and use those articles. They must report the usage according to the requirements of the hazardous material usage record of the Material and Equipment Supply Department, adhere to the principles of "no warehousing-in under the four situations" and "no warehousing-out under the four situations", and achieve "daily clearing and monthly settlement" to ensure consistency between accounts and materials.
-  During the storage and use of inflammable and explosive articles, corresponding detection and safety facilities and equipment shall be set up in workplaces such as warehouses and workshops according to their types and characteristics, and maintenance shall be carried out in accordance with national standards and relevant regulations to ensure compliance with safe operation requirements.
-  Personnel using inflammable and explosive articles must receive special protective articles on schedule and wear the specified labor protection articles at work.
-  Personnel using inflammable and explosive articles must adhere to national laws and regulations, the Company's safety management system and relevant safety knowledge. Relevant employees shall be assessed for safety knowledge once a year.

Management of dangerous chemical substances

Dangerous chemical substances refer to highly toxic chemicals and other chemicals that have the properties of poison, corrosion, explosion, combustion and combustion-supporting and are harmful to the human body, facilities and environment. Their management not only involves the Company's production and operation efficiency but also concerns the life safety of employees and the social responsibility of enterprises. Therefore, the Company attaches great importance to the management of dangerous chemical substances and takes a series of measures to strengthen the management of dangerous chemical substances, formulates a strict chemical management system, provides professional safety training, and regularly carries out full inspections.

CASE

CSH Mine strengthened safety management of the heap leaching site

CSH Mine carried out slope measurement for the heap leaching site once a month, and selected RTK Yinhe 6# +H3 record book (plane accuracy: ± 1cm; elevation accuracy: ± 2cm) observation points as buried cement piles. The Technical Department recorded slope displacement in the heap leaching site and created observation diagrams for offset and settlement based on monitoring data. This helped them stay informed about any slope displacement in the site. In addition, pressure sensors were installed on the transportation Φ200mm pipeline and main pipeline at the slope of the heap leaching site, which was connected to the central control room of the workshop to monitor the pressure change of the pipeline at all times and prevent sudden burst leakage or landslide accidents in the pipeline. Meanwhile, specially assigned personnel were arranged at the heap leaching site for patrol inspection of side slopes and pipelines 24 hours a day to avoid safety accidents.



Signboards set around the heap leaching site

Contractor safety management

The Company reinforces safety management policies for suppliers and contractors, ensuring strict compliance with work safety regulations and preventing accidents.

CASE

CSH Mine implemented contractor safety management

Sign labor or construction contracts with contractors containing work safety clauses, adhere to the policy of "safety foremost, prevention first", and clarify the work safety responsibilities of both parties.



Sign project construction contracts, work safety management agreements and responsibility statements for work safety objectives with the contractors.

Require the contractors to conscientiously implement the national work safety guidelines and policies, industrial work safety regulations and relevant safety and technical operation procedures, implement the requirement of "work safety must be managed along with production", establish and improve the work safety organization, implement safety responsibilities at all levels, formulate feasible work safety management systems and measures, and arrange safety personnel and funds.

Comprehensively assess and evaluate the contractors once a year.

Enhancing the capabilities of emergency response

The Company constantly strengthens the construction of emergency management system, in order to actively and effectively respond to emergencies, always adhere to the emergency rescue drills as an important hand to strengthen the safety management work, improve the comprehensive emergency response plan for safety and production accidents, strengthen the emergency rescue forces equipped with the reserve of materials and equipment, and conscientiously carry out the work of the plan drills, pay close attention to the implementation of the work of the plan, and to effectively protect the majority of the staff's life and property safety.

CASE

Jiama Mine actively co-organized the training course for emergency rescue teams of non-coal mines in the Autonomous Region

From October 30 to November 2, Jiama Mine successfully held a training course and competition activity for emergency rescue teams of non-coal mines in the whole Autonomous Region sponsored by the Emergency Management Department of Tibet Autonomous Region, with more than 100 people from 14 mining enterprises in the whole region participating in the activity. This training class for emergency rescue teams was held by the Emergency Management Department of Tibet Autonomous Region in combination with the actual situation of the Autonomous Region, to further improve the professional level of non-coal mine emergency rescue teams in the Autonomous Region and ensure that all units could deal with various emergencies scientifically and effectively. It closely focused on the instructions and requirements of leaders of the Tibet Autonomous Region on mine emergency rescue work, aiming at further enhancing the cohesion and fighting capacity of mine emergency rescue teams in the whole region. The activity lasted for 4 days and was divided into four modules: theoretical training, skills training, technical competition and theoretical examination. There were nine theoretical training items in total, including the organization and management of mine rescue teams, mine accident rescue and disaster relief technology, mine rescue action plan and safety measures, mine rescue decision-making and commanding technology, slope geological hazard accident emergency rescue and safety monitoring, self-protection technology, medical first aid, use and management of mine rescue equipment and instruments, application of UAV system in emergency rescue, etc.; there were three items for technical training, including medical first aid training, comprehensive skills and respirator operation; the competition covered comprehensive technical skills, medical first aid, and respirator operation. It was divided into team and individual competitions.

After thorough study and intense competition, the Company won the championship in both the comprehensive skills project and theory test project of the team competition. By holding and participating in this training and skill competition, the Company's emergency teams have tempered their skills and willpower, and their comprehensive rescue ability has been significantly improved.



Jiama Mine successfully held training courses and competitions

CSH Mine conducted emergency drills for open-air collapse and landslide accidents

CSH Mine required all emergency response teams, departments and relevant personnel to carry out an emergency drill in the open pit on May 29 in accordance with the Company's Emergency Plan for Work Safety Accidents, to strengthen the emergency disposal capability of possible collapse accidents in the open pit and improve the emergency management mechanism.

Drill purpose

Publicity and education, team training, running-in mechanism, inspection plan, perfect preparation.

Drill brief

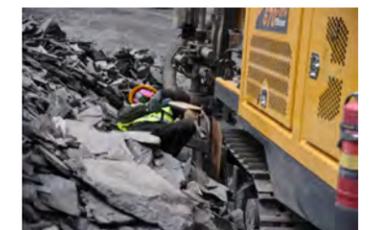
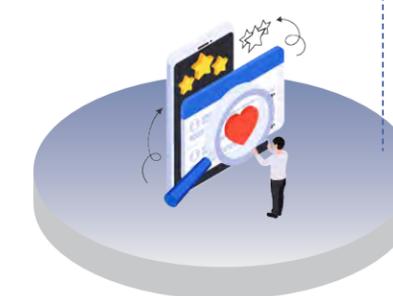
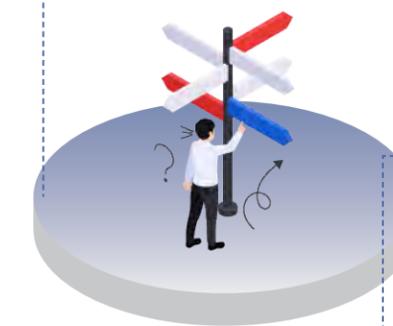
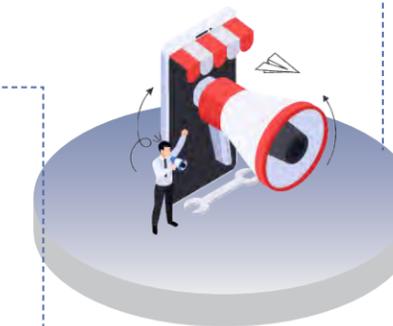
In this drill, it was assumed that a local collapse accident occurred at the southward expansion operation site at the bottom of the northeast mining pit due to an earthquake, resulting in one drilling rig being buried and one drilling rig operator's legs being buried and unable to evacuate normally.

Drill summary

Witnesses at the accident site immediately reported to the drilling crew leader, on-site shift manager, the Emergency Response Center and the Emergency Command Center of the Company level by level. The slope radar of the Dispatching Command Center of the Company sent out slope alarm information, and the Emergency Command Center issued an order to start the emergency plan for open-air collapse accidents, set up an on-site rescue command department, and carried out emergency disposal work such as personnel and equipment evacuation, personnel rescue and equipment emergency rescue. A series of processes such as alarming, receiving alarms and on-site disposal were carried out in an orderly manner and various tasks were successfully completed.

Drill evaluation

The Emergency Command Center, the Emergency Response Center, each unit and each emergency team were fully prepared for emergencies; rescue personnel and ambulances were dispatched quickly and arrived at the accident site in time, with correct reporting procedures and correct and timely emergency rescue measures; emergency rescue equipment and materials were fully prepared; the participants of the drill had strong emergency awareness, reaction ability and disposal ability. The Company's emergency plan for work safety accidents had strong operability and practical values.



Forming high-quality safety culture

To further improve the safety quality and skills of all employees and promote the Company's work safety, the Company takes the safety concept as the guide to deeply promote the construction of safety culture, effectively strengthens safety training, organizes safety cultural activities such as "Work Safety Month", promotes employees to comprehensively identify post safety risks and takes effective prevention and control measures, continuously enhances their safety awareness and skills, and standardizes their safety behaviors. The Company has successfully established a positive safety culture.

Promoting production through education and training

By providing various safety education and training to all employees, the Company has enhanced their safety awareness and skills, resulting in a solid foundation for work safety and stable development.

Safety education and training in 2021-2023

	2021	2022	2023
Number of safety education sessions	128	91	323
Total training participants	6,562	9,707	10,001

CASE

CSH Mine promoted safety education and training for all employees

CSH Mine assigned the Bayannur Branch of Inner Mongolia Tuzheng Education Consulting Co., Ltd. to conduct a safety education and training program for all employees from July 31 to August 4, as part of the 2023 Safety Education and Training Plan. The program aimed to promote a better understanding of work safety, enable employees to acquire essential safe operation skills, enhance their self-prevention ability, and prevent safety accidents from happening. The Company attached great importance to this training, earnestly implemented the requirements of relevant safety training, formulated detailed training arrangements, and implemented the training in groups and batches, ensuring that all employees at different posts, levels and shifts could receive targeted, practical and operable full-coverage training. Training institutions have also meticulously deployed the training activities, organized teachers in advance, carefully prepared and taught lessons, and earnestly organized training and examinations. This training was successfully completed under the meticulous cooperation between the company and the institution, and achieved ideal results.



CSH Mine carried out fire safety training



CSH Mine holds special training for rock drilling, boring and blasting operators

Cultural activities become common practices

The Company attaches great importance to the construction of safety culture, solidly carries out safety culture activities such as "Work Safety Month", and creates a strong atmosphere for activities by holding kick-off meetings, organizing activities, holding competitions, distributing publicity materials, hanging banners and setting up publicity display boards.

CASE

Jiama Mine held the launching ceremony of the "Work Safety Month" activity

On June 6, Jiama Mine held a grand launching ceremony for the "Work Safety Month" activity, with the theme of "Everyone pays attention to safety, everyone can respond to emergencies". During the ceremony, all employees took a safety oath together to express their confidence and determination to do their best to ensure work safety. They signed on the banner of "Work Safety Month" in turn to make safety commitments, saying that they would stick to the "boundary line" in future work safety, to work safely with consciousness and precautions, and to go home happily. Afterwards, the Company conducted a safety course training, which focused on



Launching Ceremony of "Work Safety Month" of Jiama Mine

the legal requirements and importance of the all-staff safety responsibility system. The training covered topics such as the establishment and implementation of the system, real accident cases, and legal accountability for failing to perform safety duties. The content was detailed and presented vividly, leaving a lasting impact on the attendees. The training injected a strong sense of responsibility in all cadres and workers, motivating them to practice work safety thoroughly. The launching of the "Work Safety Month" activity presented a fresh chance for the high-level safety management of the Company, created a strong atmosphere of "Everyone pays attention to safety and everyone can respond to emergencies", and laid a solid safety foundation for the smooth progress of various production work.

CASE

CSH Mine employees actively participated in the safety knowledge online competition

CSH Mine attached great importance to the 2023 safety knowledge online competition of "Everyone pays attention to safety and everyone can respond to emergencies", and formulated and issued a notice around this competition to widely mobilize all employees to actively participate in this competition, effectively enhanced the safety awareness of all employees, implemented safety responsibilities, improved prevention ability, ensured that all employees master the key knowledge of finding hidden dangers and avoiding risks for self-rescue, and improved safety emergency skills.



Screenshot of employees' scores of safety knowledge online competition



Working Together with Talents and Abilities

- Safeguarding rights and interests and fulfilling responsibilities
- Training for motivation and development
- Making every effort to move forward with health as the core
- Cultivating humanities and lighting up life



China Gold International always takes safeguarding the basic rights and interests of employees, building a scientific career development system and helping employees grow together with the enterprise as its responsibility of the times. It adheres to the people-oriented talent development strategy, warmly cultivates and carefully tempers a professional talent team with both morality and talent, balanced and reasonable structure, solidarity and cooperation and a strong sense of responsibility. The Company respects the value of every employee, carefully builds a broad stage for development, ignites the passion of employees, and awakens their infinite innovation potential. At China Gold International, a warm and harmonious working atmosphere fosters talent. Employees and the Company achieve mutual success and create a harmonious and beautiful environment.



Safeguarding rights and interests and fulfilling responsibilities

The Company adheres to a people-oriented development concept, prioritizing the protection of employee rights and interests, including their health and personal growth. It strives to understand their needs and address practical difficulties through various means, ensuring they feel valued and cared for.



Profile of employees

By the end of 2023, a total of the Company employees has been 2,080, including 419 female workers and 439 ethnic minority workers. And there are 541 primary, intermediate and senior managements, including 120 female managements. We have no part-time employee. Our employees are from 27 provinces, municipalities and autonomous regions such as Tibet Autonomous Region, Jilin, Henan, Sichuan and Liaoning Province.

Item	2023	2022年	2021	2020	2019
Percentage of female employees	20.14%	20.48%	21.15%	21.54%	21%
Percentage of male employees	79.86%	79.52%	78.85%	78.46%	79%
Percentage of ethnic minority employees	21.11%	22.59%	22.44%	21.3%	21%

The number and the turnover rate of employees at different ages in 2023

Item	Under 16 years old	16-24 years old	25-40 years old	41-59 years old	Over 60 years old
The number of employees	0	87	1,087	897	9
The turnover rate of employees	0	0.54%	7.4%	4.83%	0.88%

The number and the turnover rate of front-line and support employees in 2023

Item	Front-line employees		Support employees	
	Male	Female	Male	Female
The number of employees	225	17	24	42
The turnover rate of employees	1.4%	0.32%	0.12%	0.44%

Employees birthplace and turnover rate in 2023

Region	Tibet	Jilin	Inner Mongolia	Henan	Liaoning	Others
The number of employees	7	97	235	34	46	1,661
The turnover rate of employees	0.44%	0.84%	0.06%	0.03%	0.15%	6.3%

Protecting the basic rights and interests of employees

We strictly abides by the Labor Law, Labor Contract Law and other laws and regulations, protects the legitimate rights and interests of employees, continuously improves the internal labor security system, standardizes labor management, signs labor contracts with workers in accordance with the law, implements the labor policy of gender and ethnic equality, and has no phenomena such as hiring of child labor, anti-forced labor and harassment and abuse. Based on the actual situation, we have issued relevant policies such as "Management Measures for the Recruitment and Hiring of Employees at the Headquarter of China Gold International" and "Management Measures for the Attendance and Leave of Employees at the Headquarter of China Gold International", which involved the issues of recruitment and promotion, salary and dismissal, effectively protecting the employees' rights and interests.

100%

The employment contract signing ratio
The social insurance ratio

01 Privacy Security



Based on the principle of respecting and protecting employees, the Company requires the headquarters and subsidiaries to strictly manage and keep the information and privacy of employees confidential. We have established relevant regulations such as information security and file management, and arranged specially-assigned personnel to management these files. For those who disclose employees' personal information and privacy in violation of the regulations and cause serious consequences will be held accountable by law.

02 Legally Employment



We checks the identity of new employees, organizes unified medical examination and training, and signs labor contracts with employees based on the law. There is no misuse of child labor or forced labor, and the working hour system stipulated by the law and prohibit to increase the intensity and prolong the working hours. Once the misuse of child labor is found, we will ensure their health and hand them to their guardians, pay all salaries in full, and investigate the cause of the incident, deal with the person based on the regulations. We implements a exit system that employees who are unable to meet the requirements will be transferred or trained, and those who are still unqualified will be dismissed from their labor contracts based on the law. We insists on equal pay for equal work for men and women, and does not discriminate of race, gender, age etc. We implements a centralized or regular vacation system, and implements regulations on paid annual leave.

03 Democratic Management



The company gives full play to the role of employees in democratic management and supervision, establishes labor unions at all levels under the primary democratic system including Workers' Congress and transparency of plant affairs, adheres to the system of debriefing and democratic evaluation of leading groups and middle-level cadres, fully stretching employees' awareness of democratic participation. As the representatives of employees, the labor unions negotiate with enterprise on an equal basis on issues in direct relation to the workers' vital interests such as remuneration, working hours, rest and vacation, occupational safety and health, insurance and welfare.

04 Remuneration and welfare system



We has established a remuneration and welfare system in line with the principles of favoring front-line workers, more pay for more work and equal pay for the same post. Through measures such as the Management Measures for Engineering Professionals and Technical Personnel, Management Measures for Non-engineering Professionals, and Management Measures for Skilled Talents, systematic regulations are regarding the salaries of professional and technical personnel as well as skilled workers, forming an comprehensive framework for salary management.

Training for motivation and development

The Company attaches great importance to talent cultivation, by following the principle of "recruitment, training, selection, motivation, cultivation and promotion". It optimizes all kinds of talent growth ways, standardizes the selection and employment processes and regulations and carries out multi-dimensional and multi-level training and learning; it improves the talent selection and appointment mechanism, builds a broad platform for learning exchanges and training improvement, and realizes the common growth of enterprises and employees.

Employee recruitment and equal employment

In order to improve the democratic management of enterprises under the socialist market economy, protect the legitimate rights and interests of both parties in labor relations and promote harmony and stability in labor relations, the Company has formulated an equal consultation system according to the Labor Law and the Trade Union Law. The selection and employment process follows four principles: fairness, impartiality, equal competition and avoidance of relatives. In 2023, the Company openly recruited a total of 74 people, including 27 fresh college graduates and 47 from social recruitment.

Promoting employee's grow

In order to promote the strategy of strengthening the enterprise with talents, speed up the construction of the talent team, fully tap the potential of talents and improve the professional quality of employees, the Company aims at cultivating a talent team with excellent quality that can adapt to the rapid and high-quality development of enterprises, thus enhancing the core competitiveness and maintaining the vitality of enterprises.

2023

634 employee training sessions

628 participants

The accumulated annual training

expenses are RMB **3,014,500**



CASE

CSH Mine actively improved the training mechanism

CSH Mine focuses on source cultivation. The Company has implemented the "Golden Bud Program", i.e. a training program for newly recruited college students. Every year, the Company will select about 5 graduates from key universities as the targeted trainees for high-quality professional young cadres.

CSH Mine focuses on training grass-roots backbones. The Company has implemented the "Golden Stone Program", i.e. a training program for middle-level backbones for grass-roots enterprises, and adopted the method of enterprise recommendation and group selection. Every year, the Company will recommend 5 young backbone personnel with excellent political quality and professional skills to the Group and cultivate a group of young middle-level management personnel in grassroots enterprises.

CSH Mine focuses on the training of outstanding young leaders. The Company has implemented the "Golden Eagle Program", i.e. a training program for excellent young leaders. Every year, the Company will select and recommend about 5 excellent young leaders for special training, striving to cultivate integrated enterprise leaders with excellent political quality and professional skills.

CSH Mine has implemented the "Golden Wisdom Program", i.e. a training program for scientific and technological talents. It has optimized the top-level design of talents, smoothed the growth path of scientific and technological talents, established a talent evaluation mechanism oriented by innovation value, ability and contribution, and formed a sufficient and dynamic scientific and technological talent team focusing on main businesses and independent innovation.

Employees training at different ranks in 2023					
Item	Male employee			Female employee	
	Senior management	Middle management	Others	Middle management	Others
Training ratio(attendance/ annual attendance)	0.6%	6.65%	76.45%	0.69%	15.62%
Average training hours	2.75	5.93	9.45	4.52	11.75

Promoting career development

The Company has implemented three system reforms and adhered to the concept of retaining talent through career, system, salary, and affection. The management system has been continuously optimized and revised, and incentive measures for employees' self-improvement have been introduced. The management measures for engineering technicians have been revised to stimulate employees' learning enthusiasm for self-improvement. A strong atmosphere has been created in which all employees love and want to learn, leading to the common development of employees and the enterprise.

CASE

CSH Mine organized the "Revitalization Cup" Youth Vocational Skills Competition in the Banner

To thoroughly study and implement General Secretary Xi Jinping's important thoughts on youth work, conscientiously implement the spirit of his series of important instructions on skilled talent work, and encourage young people to practice their skills hard and grow into talents, CSH Mine undertook the 2023 "Revitalization Cup" Youth Vocational Skills Competition (staff group) in the Banner with the help and guidance of Urad Middle Banner Youth League Committee and Human Resources and Social Security Bureau. In the competition, the contestants dressed neatly and acted in a standard manner. They all efficiently completed various operation questions such as single-side welding double-side forming, fillet welds and all-position welding of pipe fittings; the referee carefully checked whether the appearance of the test piece was well formed and whether there were defects such as slag inclusion, porosity, incomplete penetration and undercut, and scored fairly according to the scoring criteria and corrected deficiencies. This competition achieved the purpose of "promoting learning, reform and implementation through competition". The successful holding of the Youth Vocational Skills Competition has enhanced the technical exchange among young skilled personnel and prompted them to put forward higher requirements for their skills.



CSH Mine undertook the Youth Vocational Skills Competition

Incentive-restrictive Mechanism

The Company vigorously strengthens the performance appraisal work, to promote organizational performance, help the strategy to the ground as its own responsibility, formulate the performance appraisal system based on the "full performance appraisal management regulations", according to its own characteristics, to promote staff development, to achieve the goal of making the best use of talent, according to the three sequences of management personnel, technical personnel, skilled personnel, subdivided into job grades, to formulate the corresponding salary and treatment standards, and to make clear the staff's career. The company has established a clear career development path for employees, opened up promotion channels, stimulated employee morale, and endeavored to achieve a win-win situation for both the company and its employees.

Making every effort to move forward with health as the core

The Company effectively protects the occupational health rights and interests of employees, organizes occupational health examination in accordance with laws and regulations such as the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*; it continuously improves the production environment, not only attaches importance to the physical health of employees, but also gives active care to their mental health, and timely relieves the mental stress and emotional disorders of employees.



Occupational health management

In accordance with the requirements of the State Law on Prevention and Control of Occupational Diseases, the company has formulated annual plans and implementation programs for the prevention and control of occupational hazards and carried out prevention and control of occupational hazards according to the plans. At the same time, in view of the characteristics of the industry to which the company belongs, the company regularly arranges medical checkups for its employees and establishes health records, so as to effectively protect the health and safety of workers in the labor process.



In 2023, **2,080** people participated in physical examinations, with **0** new occupational cases and **100%** coverage of physical examination files.

CASE

CSH Mine carried out free medical care activities

In order to further increase the care for employees and guide them to develop healthy living habits, CSH Mine invited experts and physicians from Urad Middle Banner Traditional Chinese Medicine Hospital to carry out free medical care activities in the company on March 29. Throughout the medical care process, the doctors provided thorough responses to all employee inquiries, prescribed necessary medications, and offered expert medical opinions. They popularized medical and health knowledge in easy-to-understand language, explained medical care knowledge of common diseases, advocated healthy diet and reasonable exercise for employees in daily life, and received unanimous praise from the majority of employees for their high-quality and efficient service and patient and meticulous examination by experts. This free medical care activity is



an important measure for the Company to fully implement the spirit of the 20th National Congress of the Communist Party of China, as well as an important action to send health services and warm-hearted care to employees. Since then, CSH Mine has continued to take various measures to accurately serve employees, make every effort to do a good job in various service guarantees, and ensure that all employees are engaged in various work in a good mental state.

Experts and physicians provided free medical care services for employees

Guarantee of the working environment and conditions

The Company has firmly established the concept of healthy development and continuously improved the working environment to ensure that all indicators of the working environment meet the requirements. It has implemented the distribution and use management system of labor protection articles, and actively promoted the continuous and stable development of occupational disease prevention and control.

CASE

CSH Mine strengthened occupational health management

CSH Mine has implemented the education and publicity of occupational disease prevention, and set up bulletin boards and warning signs in places exposed to occupational hazard factors.

The Company has continuously optimized the process parameters of the dedusting system in the crushing workshop, and reasonably adjusted the operation of ash discharge system equipment. At the same time, it has transformed the sealing mode of the dedusting pipeline and sintered plate to ensure the tightness of equipment, effectively improving the dust removal efficiency and operating environment.

The Company has regularly organized management personnel to inspect the working environment of workplaces, the operation of occupational disease prevention facilities and the use of protective equipment.

The Company has entrusted a third-party testing organization to test the occupational hazard factors in the workplace. The qualified rate of dust concentration in the workplace is 94.9%; the qualified rate of noise detection is 93.9%; and the qualified rate of high temperature and toxic and harmful substances detection is 100%.



CSH Mine entrusted a third-party organization to test the workplace

Caring for mental health

The Company attaches great importance to the mental health of employees, strengthens the guarantee measures for mental health from the system level, and actively explores new ideas and methods for psychological health education of employees. It combines corporate culture with various business training, skill training and mental health training to guide employees out of psychological misunderstandings, promote the coordinated development of employees' mental health and cultural quality, and create a positive corporate cultural atmosphere by optimizing the working environment and improving welfare benefits.

CASE

CSH Mine held a special lecture on care for employees' mental health services

In order to effectively enhance the mental health quality of employees, CSH Mine specially invited the staff psychological health service publicity group of the Federation of Trade Unions of Urad Middle Banner to give lectures on mental health for employees, guide them to correctly view emotional changes and carry out self-adjustment, so as to work and live with a more sunny, healthy and positive attitude. Focusing on the topic of "understanding emotions to be a mentally healthy person" and combining it with the actual work of employees, the lecturer introduced knowledge about emotions and methods to relieve stress. He advocated that everyone should carry out self-adjustment with a positive attitude, organically integrate work and life, and improve their own happiness. The lecture was simple and humorous. Employees said that they had learned to regulate their emotions through "empathy" and would meet the challenges in work and life with a more positive spirit in the future.



Employees actively spoke at the lecture on mental health

Cultivating humanities and lighting up life



The Company always prioritizes the people-oriented value concept and attaches special importance on providing comprehensive care and protection for employees' well-being. The Company is committed to providing a comfortable working environment and comprehensive welfare benefits. It pays attention to the physical and mental health of employees and actively cares for them in many aspects, such as ideological feelings, career development, and family life. It regularly holds team-building activities to enhance cohesion and share sustainable development achievements with employees.

☉ Caring for employees

The Company emphasizes the deep concern for employees' well-being, actively builds communication bridges, listens to their voices, deeply understands their living conditions, responds to their needs in a timely manner, and effectively solves practical difficulties. It not only pays attention to their work performance but also cares about their daily life and physical and mental health, striving to create a harmonious and warm working atmosphere and enhance employees' happiness and sense of belonging.

CASE

Jiama Mine held greetings & supports activity for Mid-Autumn Festival and National Day

To mark the occasion of the Mid-Autumn Festival and National Day, Jiama Mine organized a double festival greetings & supports activity, 'Welcoming Mid-Autumn Festival – Celebrating National Day', to show concern for all employees. Sincere holiday greetings and blessings were extended to all employees, and carefully prepared gifts were presented. On that day, the Labor Union distributed the holiday gifts purchased in advance to all departments in an orderly manner to ensure that each employee could personally feel the warmth from the big family of the Company. With holiday gifts in hand, the employees expressed their commitment to their roles, pledging to move forward with enthusiasm, repay the company's care with practical actions, and contribute to the development of the Company. This greetings & support activity not only accurately delivered the Company's deep concern to every employee, but also effectively enhanced employees' sense of gain, happiness and security. It was a model embodiment of thoroughly implementing the results of thematic education and deepening internalization and transformation.

CASE

CSH Mine organized a "summer cool service" activity

Outdoor construction workers are exposed to increased physical stress as temperatures rise during the summer months. To ensure the health and safety of front-line employees working in hot summer environments, CSH Mine has implemented the "summer cool service" greetings and support activities. Heatstroke-relieving and cooling materials, such as mung bean soup, drinks, and watermelons, have been delivered to the front-line work sites, providing relief to employees. Upon receiving sunstroke prevention gifts from the Company, employees expressed gratitude for the care and encouragement provided. They pledged to overcome high temperatures, fulfill their duties, actively participate in production work, and resolutely achieve various tasks and objectives set by the Company. The cooling supplies not only reflect the company's meticulous care for employees but also greatly boost their enthusiasm and motivation for work, creating a good atmosphere in which the enterprise cares for employees and employees love the enterprise. The "summer cool service" activity held as scheduled every year has become an indispensable part of building a harmonious corporate culture.



CSH Mine distributed summer-heat relieving drinks to front-line employees

☉ Balancing life and work

The Company attaches great importance to the well-being of employees. To ensure the physical and mental health of employees and improve their quality of life, the Company has formulated and implemented a series of systems for balancing their life and work. Through perfect holiday arrangements and rich spare-time activities, it has effectively relieved the working pressure of employees and achieved win-win cooperation between personal growth and enterprise development.

CASE

CSH Mine held an employee volleyball competition

On March 28, 2023, the 10th Employee Volleyball Competition of CSH Mine was held as scheduled on the volleyball court of the activity center. This competition aimed to enrich the spare-time cultural life of employees, strengthen communication within the team and further improve their comprehensive quality. Each contestant shouldered the honor and responsibility to embark on a challenging journey. Employees who were not directly involved in the competition also gathered around the venue, cheering and shouting for the participants with warm applause and inspiring blessings. On the field, the contestants were refreshed and cooperated tacitly. They performed a wonderful competition feast together, which attracted bursts of applause from the audience. This competition full of passion and a harmonious atmosphere was not only a pure sports competition but also vividly showed the good spiritual outlook of the employees who were united, cooperative and brave to work hard.



CSH Mine presented prizes to employees who have won honors



Jiama Mine held the dumpling making activity for Spring Festival

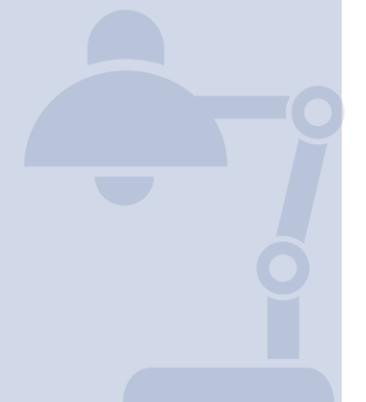


Jiama Mine organized the staff football match



Overcoming difficulties and making innovations

Innovation drives the future
Scientific research yields fruitful achievements
Intelligence empowers mines



Scientific and technological progress promotes high-quality development. Adhering to the concept that "science and technology are the primary productive forces" and practicing the mission of "leading position in science and technology, serving the country with industrial development", China Gold International not only deeply participates in the national major scientific research on gold and other complex polymetallic mineral dressing and smelting problems, but also transforms scientific research achievements into practice, actively promoting technological innovation and industrial upgrading in the gold industry in coping with the challenges of low-grade ores and refractory processing and refining resources. The Company is dedicated to enhancing the utilization rate of gold and non-ferrous mineral resources, promoting industrial upgrading through intelligent technology, and paving the way for intelligent mining.



Innovation drives the future

Innovation is the unremitting driving force for high-quality development of enterprises. In the fierce market competition, only innovators can step forward, thrive and triumph. Therefore, the Company attaches great importance to substantial investment in sustainable innovation and insists on taking science and technology innovation as the primary driving force for high-quality development. In 2023, the Company further increased its investment of funds, talents and resources in scientific research and technology. It actively built a sound science and technology innovation system, deeply implemented the science and technology-driven development strategy, and improved the incentive mechanism for science and technology innovation. The Company prioritized the protection of intellectual property and the transformation of science and technology innovation advancements. This ensured that science and technology innovation achievements effectively empower production development and benefit society.



In 2023, **118.5373** million yuan of investment in research and development
17.21% of scientific staff

◎ Cultivation of sci-tech talents

Adhering to the people-oriented development concept, the Company pays attention to the construction and optimization of scientific research talent teams, establishes relevant incentive mechanisms, and continuously attracts and cultivates high-level scientific research talents. At the same time, it actively builds a scientific research platform to provide rich practical opportunities and an academic environment for scientific researchers. This helps them continuously improve their professional skills and innovation ability, ensuring that scientific research talents can give full play to their talents. The goal is to achieve a win-win situation for personal growth and enterprise prosperity.



CASE

CSH Mine formulates detailed rules for science and technology innovation rewards

CSH Mine has revised and improved the reward rules for science and technology innovation to better promote progress, accelerate the construction of the company's innovation system, and enhance the innovation capability of the enterprise, thereby ensuring the healthy, sustainable, and efficient development of the Company's work. At the same time, the Company has established an organizational structure and a science and technology innovation review committee composed of authoritative experts to enhance the organization and management of science and technology innovation. The committee has established two incentive mechanisms based on the achievements of science and technology innovation projects and the training results of scientific research talents: a financial reward mechanism and technical position promotion (including salary increase). The objective of this action is to fully engage the scientific and technological personnel, stimulate innovation, and create a high-quality research team to support the long-term development of the Company.

◎ Building a scientific research platform

The Company is committed to enhancing its investment and building a top-notch scientific research innovation platform to cater to the requirements of high-level scientific research projects, which promoting interdisciplinary and cross-field cooperation and exchanges while building a technology research and development platform that is integrated.

As a model of innovative small and medium-sized enterprises, CSH Mine has responded to the national innovation-driven development strategy, explored and practiced, demonstrated strong vitality and potential in product research and development, technological innovation and achievement transformation. The Company has made good achievements in science and technology innovation, successfully obtained the authoritative certification of high-tech enterprises at the Autonomous Region level, and obtained the certification of enterprise technology centers and enterprise R&D centers in the Autonomous Region, indicating that its position in the regional technological innovation system has been recognized. The laboratory of the Company has passed the certification of the CNAS. This means that the Company boasts an international standard laboratory environment, advanced equipment and facilities, and quality management system.



CSH Mine's certificate of innovative small- and medium-sized enterprise

◎ Promoting exchanges and cooperation

The Company actively promotes technology sharing and experience exchange within the industry and keeps close contact with other enterprises and research institutes by organizing and participating in high-level innovation exchange meetings to jointly discuss and solve common technical problems in the industry. At the same time, the Company encourages scientific research teams to actively carry out mutual visits and exchanges with foreign countries, striving to promote the complementary advantages and common development of both parties in technology research and development.



CASE

Jiama Mine held the 8th National Gold (Non-ferrous Metal) Innovation Technology Exchange

The 8th National Gold (Non-ferrous Metals) Innovation and Technology Exchange, sponsored by the *Gold Journal* Office and organized by Jiama Mine, was successfully concluded on February 28th in Lingshui County, Hainan Province. With the theme of "Technological Innovations to Achieve Dual Carbon Goal • Smart Mines to Promote Industrial Development", the conference focused on the development trend of China's gold industry (non-ferrous metals) in the context of the "dual carbon" strategy, covering a number of topical fields such as the latest achievements in mineral exploration, technical equipment and application for Intelligent mine construction, solid waste management and comprehensive utilization in the gold industry. After face-to-face communication at the conference, the Company further clarified the development strategic direction, refined the work implementation path, and determined the specific implementation measures. Taking advantage of the opportunity of this conference, the Company will continue to increase resource complementarity, speed up the pace of information and intelligent system construction, and be determined to build a model of intelligent science and technology mines in the Qinghai-Tibet Plateau.



CASE

Jiama Mine assigned personnel to Changchun Gold Research Institute for study and exchange

On March 4, Fu Yuanhui, Secretary of the Party Committee and Chairman of Jiama Mine, and his delegation visited Changchun Gold Research Institute Co., Ltd. for a study and exchange session. A work symposium was also organized. Experts from Changchun Gold Research Institute gave a systematic and detailed introduction to its company profile and technical advantages, and made a comprehensive report on several key projects currently being promoted by the two sides, including the development of comprehensive utilization technology of mountain spring water in alpine areas, Niomatang heavy metal ion acidic water treatment project, external inspection and arbitration of samples, and research on key technologies for efficient exploitation of copper-molybdenum resources. Experts from Changchun Gold Research Institute clearly expressed their desire to deepen cooperation between the two sides in mining technology, mineral processing technology, environmental protection and laboratory analysis and testing, expecting to provide all-round technical support and guarantee for the company's high-quality development by further strengthening cooperation. During the exchange visit, Changchun Gold Research Institute also led representatives of the Company to visit the dressing and smelting institute, environmental protection institute and testing center, and carried out group discussions on mining practice, environmental governance strategy, mineral processing technology innovation, laboratory analysis and testing and other professional dimensions. The Company thanked Changchun Gold Research Institute for their hospitality and productive exchange. The department members were encouraged to take advantage of this valuable learning opportunity, gain advanced experience, improve their business abilities, strengthen the talent team, and ensure the successful implementation of various scientific research projects. The goal was to accelerate the progress of various research and development projects and build a new pattern of enterprise development by leveraging the strong science and technology innovation of Changchun Gold Research Institute.



Jiama Mine held an exchange meeting with Changchun Gold Research Institute

Scientific research yields fruitful achievements

The Company actively implements the strategic policy of rejuvenating the enterprise through science and technology, focuses on key areas such as improving production efficiency, expanding resource reserves and strengthening safety and environmental protection, and makes every effort to tackle scientific and technological problems and innovate technologies. In view of the "bottleneck" technical problems that restrict the development of enterprises, the Company strives to seek breakthroughs and effectively promotes the continuous improvement and substantial progress of the overall technical level of the Company.



Innovation drives fruitful achievements and promotes the Company's development with reputation.

In 2023
11 of new patents
10 of scientific and technological achievements

CSH Mine set a new benchmark for industry technology and won the national honor commendation

CSH Mine has always unwaveringly implemented the innovation-driven development strategy, actively built and improved the science and technology innovation system, and has achieved a series of innovative achievements. So far, it has made great achievements. In 2023, the industry standard, *Technical Specification for Gold Heap Leach Process through Dripping Irrigation with Subsurface Pipes*, compiled under the Company's leadership was officially put into practice in April, marking an important breakthrough in technological innovation and standardization construction. In December of the same year, the Company won the honorary title of "Advanced Collective" in national gold standardization work due to its outstanding performance in standardization work. The *Technical Specification for Gold Heap Leach Process through Dripping Irrigation with Subsurface Pipes* was also demonstrative and influential in the industry. It was successfully declared and won the "excellent standard" award issued by the 3rd National Technical Committee 379 on Gold of Standardization Administration of China.

Pipeline upgrade

With the advancement of the production cycle of Phase II and III heap leaching facilities of the Company, pipeline pressure and heap leaching slope stability issues have become prominent. To solve these problems, dressing and smelting workshop have taken measures in the heap leaching area at the intersection of Phase II and III. The implementation scheme is as follows: upgrade and replace the $\Phi 200\text{mm}$ PE main pipeline used at the bottom layer with a $\Phi 700\text{mm}$ welded steel main pipeline running through to the 6th layer of heap leaching, and connect $\Phi 200\text{mm}$ PE branch pipelines to this main pipeline. After this modification, the pressure borne by the end of the original PE branch pipeline is reduced from about 0.8 MPa before modification to below 0.35 MPa. It is also ensured that the dripping intensity is maintained at more than 10L/h per cubic meter of stack. This upgrading have improved the pressure bearing performance of the overall water supply dripping system in the heap leaching site, eliminated the potential safety hazard of pipe burst caused by excessive pipeline pressure, guaranteed the stable operation of work safety.

Optimization of thickener system

The thickeners of the Company's dressing plant are used to recover carbon in pit wastewater. Due to the restriction of production mode, the wastewater supply cannot be uniform and continuous. It will cause the loss of gold-containing activated carbon and gold interception loss due to blockage of the dripping pipeline after activated carbon particles enter the heap leaching site. So we transforms six idle liquid storage tanks into precipitation devices connected in series. By adding pipelines and building up a set of system in the middle of each tank. Workshop wastewater is first treated by the thickeners, then led from the overflow port of the thickeners into the No.1 precipitation tank for primary precipitation, and then overflows into the No.2, No.3 subsequent precipitation tanks. After that, the clarified wastewater flows into the lean liquor chute through the top of the precipitation tank. Finally, it flows into the lean liquor tank, and the activated carbon deposited in the precipitation tank filter-pressed for recovery. The technical transformation implemented has yielded remarkable results, recovering a total of 12,932 grams of gold. Based on the current market price of RMB 441 per gram of gold, generated an economic benefit of approximately RMB 5.7 million.

Intelligence empowers mines

The Company is unwaveringly promoting the deep integration of industrialization and informatization, firmly taking "Integration of IT application with industrialization" as the strategic cornerstone for enterprise transformation and upgrading, and actively promoting the construction pace of intelligent mines to comprehensively improve the information level and energy efficiency of enterprises.



CASE

Jiama Mine held intelligent mine construction promotion meeting

Jiama Mine attaches great importance to information construction and digital transformation. The Company has increased investments in scientific and technological research and development year by year, and has started the preparation of its intelligent mine construction plan. To actively respond to and implement the strategic deployment of the Group on information construction and digital transformation, and firmly establish the concept of integrated collaborative operation, the Company held an intelligent mine construction promotion meeting on March 13. Fu Yuanhui, Secretary of the Party Committee and Chairman of the Company, Li Jun, business manager of the Science and Technology Innovation Department of the Group, Zhang Yonggui, deputy general manager of Changchun Gold Design Institute, and Meng Yanjun, business director of China Gold International Hong Kong Production Department attended the meeting. During the meeting, Li Jun conveyed the spirit of the kick-off meeting for top-level planning of the Group's information construction and digital transformation and the spirit of the latest relevant documents of the Group. He pointed out that to promote intelligent mine construction, it is necessary to implement the overall planning and top-level design of the Group and grasp and implement the direction of intelligent mine construction. Fu Yuanhui further pointed out that the Company should shoulder the main responsibility of intelligent construction in the Jiama mining area, and actively coordinate all resources to ensure close cooperation and joint promotion among relevant units. All technical support units should go deep into the front line, carry out solid field research, formulate detailed implementation plans, clarify the time nodes of each stage, and refine the implementation plan, to build a forward-looking, demonstrative and practical flagship intelligent mine project in Jiama mining area.



Jiama Mine underground environment monitoring system



3D visual personnel positioning system for Jiama Mine



Moving Together and giving mutual help

- Corporate Governance
- Compliance with Laws and Regulations
- Investor Relations
- Creditor Relationship
- Customer Relationship
- Communication and Cooperation
- Actively Integrating in Overseas Markets
- Supplier Relationship
- Community Welfare



In light of the concept of "business integrity for win-win and multi-win" and the principle of equality and mutual benefit", the Company actively promotes extensive cooperation with the stakeholders. We continuously improve customer services, strengthen supplier management, and carry forward strategic cooperation with local government, suppliers, creditors, enterprises and public sectors and other entities, striving to achieve win-win with the stakeholders.



Corporate Governance

The Company has set up a complete corporate governance structure, established the Board of Directors, its special committees and senior management in accordance with the relevant provisions of the Articles of Association and other relevant regulations of the listing rules of the listed place, and organized and held annual general meetings and extraordinary general meetings to ensure that the Company's operation procedures are scientific and fair. The Company has fulfilled its responsibilities as a capital contributor to its subsidiaries according to laws. Focusing on system construction and standard decision-making process, the Company strictly follows the procedures to make decisions on its affairs. When it comes to the subsidiaries, standard company governance structure is also established in accordance with relevant laws and regulations.



In 2023, the Company held four Board meetings, four Audit Committee meetings, two Nominating and Corporate Governance Committee meetings, one Compensation and Benefits Committee meeting, and four Health, Safety and Environmental Committee meetings. The management of China Gold International also communicates informally with the Board on a regular basis, and solicits the advice of the Directors on matters falling within their special knowledge or experience. In addition, the Independent Non Executive Directors meet regularly on formal and informal basis to facilitate the exercise of their independent judgment. Details of attendance of the Directors (either in person or through telephone conferences) at Board regular meetings, meeting of Board Committees and general meetings during the Reporting Period are set out below.



Board Meeting of China Gold International Resource Corp. Ltd.

Attendance by the directors at the Board and Board committee meetings in 2023 was as follows								
	Board	Audit Com- mittee	Nominating and Corporate Governance Committee	Compensation and Benefits Committee	Health, Safety and Environ- mental Committee	2023 An- nual and Special Meeting	Com- mittees (total)	Overall At- tend- ance
Tong Junhu	4/4 (100%)	N/A	N/A	N/A	N/A	0/1	N/A	4/5 (80%)
Fu Yuanhui	1/4 (25%)	N/A	N/A	N/A	1/4 (25%)	0/1	1/4 (25%)	2/9 (22%)
Zhang Weibin	4/4 (100%)	N/A	N/A	1/1 (100%)	N/A	1/1	1/1 (100%)	6/6 (100%)
Tian Na	3/4 (75%)	N/A	N/A	N/A	N/A	1/1	N/A	4/5 (80%)
Wang Wanming	3/4 (75%)	N/A	2/2 (100%)	N/A	N/A	1/1	2/2 (100%)	6/7 (86%)
He Yingbin	4/4 (100%)	4/4 (100%)	2/2 (100%)	1/1 (100%)	4/4 (100%)	1/1	11/11 (100%)	16/16 (100%)
Shao Wei	4/4 (100%)	4/4 (100%)	2/2 (100%)	1/1 (100%)	4/4 (100%)	1/1	11/11 (100%)	16/16 (100%)
Shi Bielin	4/4 (100%)	4/4 (100%)	2/2 (100%)	1/1 (100%)	4/4 (100%)	1/1	11/11 (100%)	16/16 (100%)
Han Ruixia	4/4 (100%)	4/4 (100%)	2/2 (100%)	1/1 (100%)	4/4 (100%)	1/1	11/11 (100%)	16/16 (100%)

Compliance with Laws and Regulations

In strict compliance with the policies and laws of the state and the local government requirements in its operations, we follows *Guidelines on Compliance Management for Central Enterprise (Trial)*, *Rules Governing the Listing of Securities on the Stock Exchange of Hong Kong Limited*. We have high standards and strict requirements on the daily management and review, and carry out all-round control of company production and operation, so as to manage the company in compliance with laws and regulations. We also push on anti-corruption education and the audit and supervision to ensure healthy and smooth production and business activities.

In addition, we has formed a three-level review mechanism consisting of the connected transaction group, independent directors and the Board, reviewing the compliance and legitimacy of the initiation, decision making, procurement, approval and contract signing, all of which provides the guarantee for the company's connected transaction.



Contract management

Contracts of the headquarter and subsidiaries are vertically managed and reviewed by dedicated officers in a centralized manner under the Methods for Contract Management and the Interim Provisions on Review of Contracts and other methods.



In 2023, the headquarter recorded a **100%** contract execution rate, and the subsidiaries also recorded a **100%** major contract execution rate.

Legal education

Regarding actual conditions of enterprises, the Company focuses on publicizing legal knowledge to employees, including the publicity and training on Chinese Constitution, the Contract Law, the Company Law, the Mineral Resources Law, the Work Safety Law, etc. Legal experts and lawyers are invited to stage law forums, together with knowledge contests, legal essay collection and other means to motivate the enthusiasm of employees to study and apply laws. The training sessions are provided in centralized and decentralized manners to cater for the Company's geographically fragmented business presence.

CASE

Jiama Mine held special rule of law training on compliance management

On August 11, lawyer Shi Jie, a legal expert of Huatailong Company, conducted special training on compliance management for middle managers and compliance administrators of various departments, laying a solid foundation for the company's high-quality development with first-class legal compliance construction. During the training, lawyer Shi Jie emphasized the importance of compliance management and provided practical examples to help understand the 'why' and 'how' of it. During this training, employees have come to understand that compliance is crucial and that violating regulations is a serious matter. In the future, they will approach the rule of law with rigorous and meticulous thinking, taking on the important task of promoting the high-quality development of the company's legal support and guarantee. They will strive to create a new situation for the company's legal construction by maintaining a highly responsible and perfect compliance bottom line.



Jiama Mine held rule of law training on compliance management

Investor Relations

Information disclosure

The Company attaches great importance to information disclosure in a timely, accurate and complete manner, addressing different informational needs and habits of investors internationally, specifically in Canada and Hong Kong in strict accordance with the regulatory requirements at the listing places. Means are adopted to improve and ensure the effectiveness and transparency of information disclosure on capital market.

In 2023, the Company completed its annual report, interim report and quarterly reports as required. In addition to results announcements made pursuant to the rules, the Company publishes announcements and press releases in company website and Toronto and Hong Kong where its shares are listed, covering various operation and management issues. The information mainly includes: production&operation for CSH Mine and Jiama Mine, updates about major exploration projects and key operational data, aiming to help investors keep informed of the Company's production and management dynamics; and the announcements of resolutions passed at Board meetings and general meetings and extraordinary announcements of connected transactions that are published pursuant to regulatory requirements. In 2023, the Company issued a total of 104 announcements and press releases (in both English and Chinese language).



Cover of Annual Report in the last 3 years

Communications & Liaison

The Company kept active and candid communications on an ongoing basis in 2023 with investors and analysts through investor presentations, press conferences, industry conferences, trading and non-trading road shows, seeking to fully showcase its current situation and growth potential to investors. The efforts have been positively appreciated by our investors.

CASE

China Gold International held a performance conference

On April 11, 2023, China Gold International held the 2022 annual performance conference, which was broadcast globally in a combination of online live streaming and offline meetings, covering more than 110 shareholders and institutions. At the conference, Tong Junhu, Chairman of the Board of Directors and CEO, introduced in detail the Company's 2022 financial indicators, capital structure, financing capacity, gold and copper output, safety and environmental protection, fulfillment of social responsibilities, etc. and actively interacted with investors on various aspects of the company's future development. After the conference, Tong Junhu led his team to participate in the special roadshow. The roadshow team held a total of 9 special roadshow meetings, covering 34 investors.



The performance conference received extensive attention from the market and positive evaluations from investors and institutions. Attendees noted that China Gold International, as a centrally controlled overseas listed company, has successfully balanced endogenous growth and external development while also consolidating its fundamentals through high-quality development. The Company has consistently delivered value to shareholders, established a strong industry position, and maintained a positive market image.

In addition, the Company was positively evaluated and strongly recommended by Industrial Securities and China Merchants Securities in their research reports. The market fully affirmed the fundamentals of China Gold International and had positive expectations for its future development. China Gold International will also seize the opportunity to further strengthen and enhance investor relations, do a good job in market value management in an all-round way, and actively promote its value in the capital market.

Dividend policy

As a fast-growing international emerging mining company, the Company continues to strengthen its operational management and is committed to creating more value and providing more sustainable returns for its shareholders.

The Board of Directors determine dividends on an annual basis based on, among other things, the results of operations, cash flows and financial conditions, operating and capital requirements, the rules promulgated by the regulators affecting dividends in both Canada and China and at both the TSX and HKSE, and the amount of distributable profits and other relevant factors. The Company is incorporated in British Columbia, Canada. Subject to the British Columbia Business Corporations Act, the directors may from time to time declare and authorize payment of such dividends as they may deem advisable, including the amount thereof and the time and method of payment (provided that the record date for determining shareholders entitled to receive payment of the dividend must not precede the date on which the dividend is to be paid by more than two months). In connection with the Company's financial results for the year ended 31 December 2022, the Company declared a special dividend of US\$147 million payable to shareholders. As a fast-growing international emerging mining player, the Company will continue to press forward its business and management to achieve rapid and sustainable development and create more value for shareholders.

CASE

China Gold International ranked 4th on TSX30

On September 12, Toronto time, Canada, the Toronto Stock Exchange (TSX) released the 2023 TSX30®, an annual ranking of 30 stocks with the best performance in three years. China Gold International ranked fourth and was on the natural resources industry list for the second consecutive year.

Over the past three years, China Gold International has experienced a performance increase of 703%. In 2023, China Gold International achieved its highest performance, share price, and market value in history. The highest share price reached HK\$46.6/share, which was 9.24 times higher than the lowest share price in 2021. China Gold International has paid dividends for three consecutive years since 2021, with a dividend payment ratio much higher than its peers. This has led to a significant improvement in the company's market value and value creation ability.

The 2023 TSX30® 排名 (前 10)			
排名	上市公司	公司代号	三年业绩
1	Paramount Resources Ltd.	POU	1913%
2	NuVista Energy Ltd.	NVA	1279%
3	Filo Corp.	FIL	1217%
4	China Gold International Resources Corp. Ltd.	CGG	703%
5	Birchcliff Energy Ltd.	BIR	650%
6	Capstone Copper Corp.	CS	624%
7	ShawCor Ltd.	MATR	607%
8	Peyto Exploration & Development Corp.	PEY	594%
9	Allkem Limited	AKE	587%
10	Tourmaline Oil Corp.	TOU	565%

Tips:

TSX30, the flagship project of the Toronto Stock Exchange, was established in 2019 to recognize the achievements of companies listed on the TSX. The average share price appreciation of the Company selected in the 2023 list is 553%, creating a value of more than USD 120 billion.

Internal audit

The Company strictly complies with the regulatory laws and regulations of the place of incorporation. As a company incorporated in British Columbia, Canada and listed on the TSX and the HKSE, the Company has established an effective internal audit system in strict compliance with the laws and regulations governing the jurisdictions where it is listed and its business is operated. Internal audits are carried out rigorously by engaging external auditors to participate in. By 2023, the Company has prepared internal audit reports for sixteen years in a row, all indicating that there is no weakness in all material aspects.

Information management

We respect and protect the information and privacy of customers and suppliers, and safeguard the use of them information and privacy. We have adopted security measures, requiring employees not to directly or indirectly use or disclose confidential information to third parties, including business secrets, transaction transactions, product and technical information, customer and supplier information, personal privacy information, etc., to ensure that information is not unlawfully obtained or misused. We also ensure implementation through monitoring, and if information leakage is found, we immediately take measures and reports to the management of the company for further determination. We convey complete and truthful information to the public and maintains the intellectual property rights of the Company and its customers and suppliers. During the reporting period, the Company was not involved in any violation of privacy and other related laws and regulations.

Risk management and internal control

The Board is responsible for overseeing the risk management and internal controls of the Company. Risk management and internal controls are used by the Board to facilitate the effectiveness of operations, to safeguard the investment of shareholders and assets of the Company to ensure compliance with relevant statutory and requirements. Our risk management and internal control policies are designed to provide reasonable assurance to help the Board identify and mitigate the risk exposure.

We maintain internal audit functions for both itself and subsidiaries and leverages the internal audit function of China National Gold, controlling shareholder, for our internal audit function. Risk management and internal control systems are reviewed on a quarterly basis in conjunction with the quarterly certification requirements for disclosure controls and procedures and internal control over financial reporting as mandated by applicable Canadian securities laws.

The Audit Committee and the Board have reviewed the effectiveness of the risk management and internal control systems of the Company and its subsidiaries, including financial, operational and compliance controls, for the Reporting Period that the Company's current risk management and internal control systems are adequate and operating in safeguarding the investment of shareholders and assets of the Company.

We have used the COSO 2013 framework to evaluate our internal control over financial reporting, and has concluded that our internal controls and procedures were effective as of December 31, 2023 and provide reasonable assurance that material information, including financial information, relating to the Company is made known to senior management, the Audit Committee and the Board, as applicable, and is recorded, processed, summarized and reported in a timely manner.

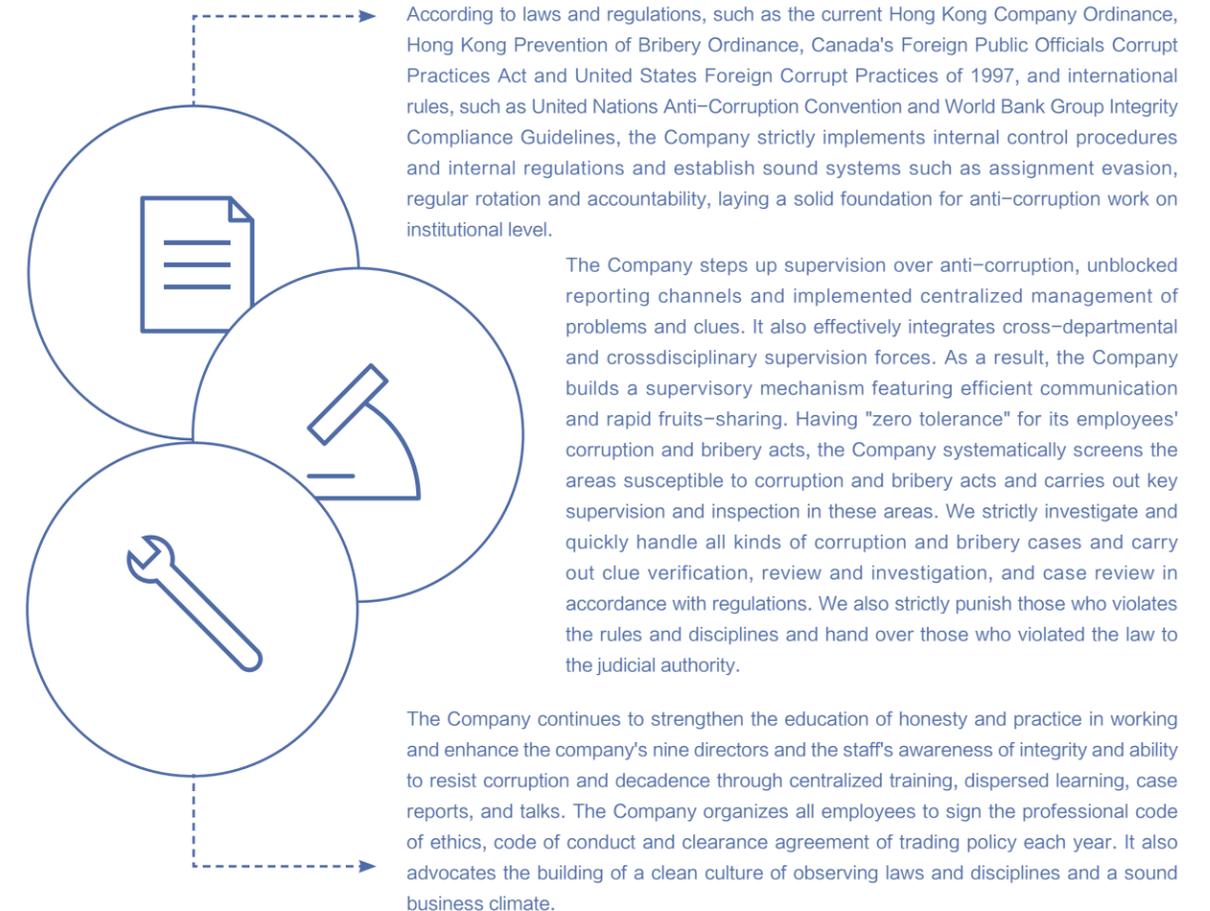
The Board has established a framework for identifying, evaluating and managing key risks faced by the Company. The Board, through the Audit Committee, reviews annually the effectiveness of the internal control system of the Company and its subsidiaries, considering factors such as:

- ★ changes, since the last annual review, in nature and extent of significant risks, and the Company's ability to respond to changes in its business and the external environment;
- ★ the scope and quality of management's ongoing monitoring of risks and of the internal control systems, and the work of the internal audit function;
- ★ the extent and frequency of communication of monitoring results to the Board which enables it to assess control of the Company and the effectiveness of risk management;
- ★ adequacy of resources;
- ★ staff qualifications and experience;
- ★ training programs;
- ★ budget of the Company's accounting, internal audit and financial reporting functions; communication of the monitoring results to the Board that enables it to assess control of the Company and the effectiveness of the risk management;
- ★ significant control failings or weaknesses that have been identified during the period, and the extent to which they have caused unforeseeable outcomes or contingencies that had or might have, a material impact on the Company's financial performance or condition;
- ★ the effectiveness of the Company's processes for financial reporting and compliance with applicable listing rules and securities laws.

Anti-corruption and anti-commercial bribery

The Company resolutely resists any form of corruption and commercial bribery, puts compliance with the law in a prominent position in the reform and development of enterprises, adheres to the policy of "comprehensive management, punishment and prevention, and focuses on education", and builds an anti-corruption system that "can't, dare not, and don't want to rot". We will continue to strengthen our anti-corruption and anti-commercial bribery efforts.

In 2023, there existed no legal cases regarding corrupt practices among employees.



Jiama Mine held a conference on building a clean government and fighting corruption & warning education conference



Discipline Inspection Committee of CSH Mine conducted home visit on clean governance

Creditor Relationship

Based on sound financial structure and adequate cash flows, the Company employs financial leverage to maximize the value for shareholders. The Company's major creditors are banks. In 2023, the debt repayable to the top five creditors accounted for 47.15% of the total debt.

The Company has been placing emphasis on cooperation with banks, seeking to establish a diversified financing system with competitive advantages. By entering cooperation agreements and facility-based borrowing contracts with major financial institutions, the Company reinforced the indirect financing channels which secured its production and operation funding at relatively favorable financing costs. Loans were provided by the banks as scheduled, with full confidence in the Company's financial structure and sound operation. Satisfying its debt service on a timely basis, the Company has established long-term friendly cooperation with the banks based on mutual trust.

Customer Relationship

The company takes integrity as the link between the company and the customer and the cornerstone of the company's development. Adhering to the concept of "business integrity and customer satisfaction" in its operations, the Company views integrity as a close linkage to its customers and a cornerstone for its development as well as keeping on improving its service capabilities to provide quality services to customers. The Company highly values long-term cooperation with customers, seeking to establish longstanding relationship and promote win-win situations with customers and thus uplift the Company's industry position and image. In 2023, sales revenue from the top five customers of the Company totaled USD 457million, accounting for 99.4% of the total revenue.

Communication and Cooperation

Considering the concept of "win-win and all-win", the Company seeks to balance the interest relationship with the local community and the stakeholders in a legal and rational manner, building up extensive cooperation with local governments, financial institutions, research institutions, large enterprises, international and economic organizations. As a result, the Company has firmly established in the community a sound image as an adept resource integrator which is able to leverage positive factors with strong comprehensive strength.



Jiama Mine sent experts to the Environmental Engineering Assessment Center of the Ministry of Ecology and Environment for learning and exchange

Actively Integrating in Overseas Markets

China Gold has always been committed to going global and highlights that importance has been attached to its social responsibilities including environmental protection and community harmony. And it is essential for China Gold to build a sound company image in the international community. Therefore, a high standard has been set for China Gold International.

As a flagship of developing overseas business of China Gold and international company registered in Canada, the rapid development enables China Gold International to win widespread recognition from all walks of society. With the strong support of China Gold, China Gold International Resources Corp. Ltd. actively fulfills its social responsibility, participating in public welfare charity and making donations to the Canadian Anti-Cancer Association every year; therefore, it has built a favorable image for the Chinese companies in the field of global mining industry.

Supplier Relationship

The Company encourages the suppliers to perform social responsibilities while fulfilling its own responsibilities and integrates social responsibility requirements into supplier management, actively driving the whole chain of gold industry to jointly fulfill social responsibilities. The Company chooses suppliers through public bidding. In 2023, there were 151 suppliers selected by public bidding, by and large distributed in provinces, municipalities and autonomous regions of China, such as Tibet Autonomous Region, Inner Mongolia Autonomous Region, Hebei and Sichuan Province.



Suppliers through public bidding in 2023					
Item	Tibet	Sichuan	Inner Mongolia	Others	In total
Number	24	20	23	84	151

Management mechanism for suppliers

- 01 We select suppliers with legitimate qualifications, business reputation and contract fulfillment capability and after-sales service system, eliminate unqualified suppliers, and encourage them improve their social responsibility performance. Based on the Group Company's Implementing Rules for Procurement and Bidding Management (Trial), we include that must be bid in accordance with the law and purchases of certain scope into centralized purchasing. We ensure the compliance and standardization of the purchasing process by management of market access, evaluation and certification, and quantitative assessment.
- 02 Before cooperation, we examine the suppliers' compliance with local labor laws and regulations, as well as SA8000 standard. With same qualification, we prefer suppliers who have passed ISO14000 environmental management system certification and OHSAS18000 occupational health and safety management system certification. Products and services that are environmentally friendly, energy saving and low-consumption are preferentially purchased. With regard to non-compliance, we require suppliers to correct within time limit. Otherwise, those suppliers have to submit bids.
- 03 We strengthen risk management for suppliers by regularly arranging on-site audits of suppliers, regularly review supplier's CSR performance, which is recorded to follow up its improvement measures. The issues are to be reviewed including child labor, forced labor, work safety, discrimination, environmental protection, energy conservation, emission reduction, and related policies and documentation. Once there exists non-compliance, we will ask the supplier to draw up a corrective plan and rectify within a time limit. We terminate the partnership with suppliers that are still unqualified after rectification.
- 04 Suppliers who have passed the on-site audit are included in the CSR Qualified Supplier List and be given incentives. All suppliers must comply with the Company's internal rules and regulations. Meanwhile, in light of the principle of negotiations on an equal footing for mutual benefits, the Company insists on building up long-term strategic partnership with the suppliers with proven qualifications, reputation and quality products and services.

The Company's total procurement of materials in 2023 amounted to RMB 461 million, of which RMB 53 million or 11.5% was procurement under social responsibility.

Promoting localized equipment procurement

The Company strives to cooperate with local suppliers in its proximity to steadily push forward localized equipment procurement. Materials and equipment featuring mature technologies in local production, reliable product quality and notable price advantages are prioritized. Such policies, while reducing procurement cost, have effectively promoted the manufacturing upgrades where the Company operates and thus achieved win-win for the Company and the local community.

Community Welfare

With a commitment to "Harmonious mutual development to benefit the local community", we ensure that the society and people share in the fruits of our development. We have actively participated in public welfare undertakings including local economic development, construction of new pastoral areas, environmental improvement, drought relief, rural vitalization, caring for education, medical donations and tackling the difficulties in employment and potable water of herdsmen. The efforts in jointly building up "Harmonious mine area" and "Harmonious society" have been fully recognized by local governments at all levels and the public, showing the social responsibility as a central enterprise. In 2023, the Company donated a total of 9.4383 million yuan, mainly for supporting local infrastructure, helping difficult families and students, pushing forward rural vitalization and other programs. In 2023, the Company offered assistance to 82 persons from families and students in difficulty.



Enterprises and localities work together for development

The company adheres to the concept of enterprise-land win-win, in the steady development of mines, taking into account local interests, and actively contribute to the economic and social prosperity and progress of the location, and unwaveringly contribute to the long-term development of the resident, and the resident to depict a picture of enterprise-land win-win blueprint.



In 2023, the Company paid RMB **622** million in tax.

CASE

Since its establishment, CSH Mine has actively been fulfilling its social responsibilities by promoting localized employment strategies and participating in local drought resistance, flood control, and freeze damage prevention work. The Company has assisted local farmers and herdsmen in improving their production and living conditions through regular visits and greetings and support activities. In addition, the Company has supported the education of children in the surrounding pastoral areas. In the process of cooperating with the local government to draw up and build the strategic objectives of "Six major industrial parks", it has given full play to the leading and pulling effect of industry-leading enterprises. It has effectively promoted the improvement of regional economic benefits. In 2023, the Company was awarded the silk banner of "Co-construction by Enterprise and Local Government for People" and the title of "Advanced Unit of Respecting Teachers and Valuing Education". This recognition earned high praise from local Party committees, governments, and all sectors of society, demonstrating the Company's good image as a first-class central enterprise and its sense of social responsibility. It was particularly worth mentioning that the Company generously sponsored RMB 300,000 to support the first Nadam Fair Series Activities in Bayannur from September 22 to 24. The donation was not only a sign of respect for and preservation of local ethnic culture, but also a sincere expression of gratitude for the long-standing trust relationship between the enterprise and the community.

CSH Mine actively promoted local construction



CSH Mine won the silk banner for sponsoring the Nadam fair

CASE

Jiama Mine participated in the traditional ethnic games of Maizhokunggar County

To strengthen the communication between enterprises and local areas, enhance the harmonious relationship between enterprises and local areas, carry forward the spirit of national unity and enrich the cultural life of cadres and workers, Jiama Mine specially dispatched a delegation of 53 athletes from October 13 to 19 to participate in the 4th Cadre and Worker & Traditional Ethnic Games in Maizhokunggar County. Focusing on the theme of "Carrying Forward Sportsmanship and Promoting National Unity", the Company attached great importance to, actively prepared for and spared no effort in training and logistical support for athletes participating in the Games. During the competition, the athletes fully carried forward the corporate spirit of "Being vigorous and robust in high altitude" with a strong sense of collective honor, worked together and achieved excellent results, vividly interpreted the competitive spirit of "faster, higher and stronger", and showed the unique style and high-spirited spirit of their active on the snowy plateau. Through these Games, the Company not only achieved a double harvest of sports competition level and spiritual civilization construction but also effectively promoted the harmonious symbiosis relationship between the enterprise and the locals.

CASE

CSH Mine assisted in rescue works of the collapse accident of the Alxa coal mine

On February 22, 2023, a mountain collapse occurred in the open-pit coal mine of Alxa Xinjing Coal Industry Co., Ltd. Many operators and vehicles on site were buried. The large amount of landslide and complex geological environment at the accident site greatly increased the difficulty of rescue operations. The search and rescue work was faced with the threat of secondary disasters such as dangerous rock masses and slope collapses. It was urgent to adopt cutting-edge technical equipment such as 3D real aperture slope monitoring radar, and have professionals conduct on-site critical sliding warning evaluation. After receiving the rescue request, CSH Mine immediately responded and set up a rescue team composed of seven professional technicians. Together with representatives of equipment suppliers, they rushed to the accident site overnight to carry out emergency rescue operations against the difficulties of remote location and tight time. By February 24, the Company's expert technical team immediately organized personnel to delimit the target area, set up equipment, establish communication and quickly put into on-site rescue after arriving at the site. The team used 3D true aperture radar equipment to monitor the dynamic changes of slopes and mountains on the accident site in real time and make timely early warnings. In addition, it worked with domestic experts in relevant fields to study and judge the risks and hidden dangers faced by on-site rescue promptly and put forward a series of constructive opinions and suggestions, which provided strong technical support for the command department to make scientific and effective rescue decisions.



Emergency erection equipment of the CSH Mine rescue team

© Practicing Volunteerism with Love

With the spirit of "dedication, friendship, mutual assistance and progress", the Company encourages employees to participate in voluntary services, establishes volunteering teams and carries out voluntary activities, spreading positivity to the public with our actions.

CASE

Jiama Mine held a gratuitous treatment and medicine delivery activity

To further promote harmonious co-construction relationships and build an integration relationship between enterprise and local government, Jiama Mine held a gratuitous treatment and medicine delivery activity on November 30. The infirmary of the Company's logistics service center specially sent a medical team composed of three professional doctors to provide face-to-face and zero-distance free medical care services for villagers and donated medicines worth nearly RMB 50,000 to villagers in Sibü Village, Tashigang Town, Maizhokunggar County and Longda Village, Jiama Town. At the activity site, village cadres and the resident work team guided the villagers in conducting auscultation, taking pulse and blood pressure measurements in an orderly manner. The doctors inquired in detail about the villagers' previous medical history, reviewed imaging examination sheets and other materials, patiently answered every villager's questions, made professional diagnoses based on the condition, and prescribed appropriate medications. They used practical gratuitous treatments to protect the health of the villagers. After receiving professional medical cares, the villagers were given medicine suitable for their condition. This not only reduced their medical expenses but also ensured their health. The gratuitous treatment activity won unanimous praise from the villagers. They said that Jiama Mine has really done practical things for the masses, so they will more actively support and cooperate with the company in various affairs in the coming days.

© Working Together to Build the Dream of Revitalization

With the guidance of "Building a harmonious community to benefit the local", the China Gold International is committed to developing gold industry for the people and consolidating the Tibetan regions for the benefit of local. We have centered on shaking off poverty as well as helping rural revitalization so as to share resources, results and protecting the border. The Company takes initiatives to perform the social responsibility and political responsibility, building up a positive image as a central enterprise.

CASE

The resident work team of Jiama Mine paid close attention to the situation of local people with disabilities

Jiama Mine always responds to the call of the Party and government, makes good use of existing policies, innovates work measures, and improves the level of helping the disabled, so that people with disabilities can fully feel the warmth of the Party and government. The resident work team of Cuobuxi Town, Xietongmen County, Shigatse City actively performed its duties, paid close attention to the social security situation of the disabled in the assistance area, contacted other caring enterprises in society to carry out diversified assistance activities, and especially focused on solving the employment difficulty of the disabled, so as to comprehensively gather positive social energy and actively promote high-quality development of rural areas. In April 2023, the Company's resident work team contacted Tibet Fancai Human Resources Co., Ltd., a caring social enterprise, and successfully arranged six disabled people for employment, achieving a total increase of more than RMB 313,000 in wage income. In May, the resident work team coordinated with Fancai Company to donate RMB 10,000 of special funds for tree planting to the government of Cuobuxi Town and purchase local characteristic products worth RMB 3,000, which injected new vitality into promoting the economic development of Cuobuxi Town; As of September 30, the task force once again joined hands with Fancai to launch a festival greetings and support activity. They visited six local families with disabilities and sent them holiday sympathy materials. During the visit, they learned more about the living conditions of disabled people, asked about their health status, daily life and income sources, and encouraged them to face life challenges with firm beliefs and optimism. Through these measures, Jiama Mine has fully demonstrated its social responsibility and humanistic care as a central enterprise.

CASE

The resident work team of Jiama Mine visited the homes of local people in need

To ensure that local people in need can celebrate a happy and peaceful Spring Festival and Tibetan New Year, Jiama Mine dispatched a special task force on the morning of January 15 to visit local people in need in Lang'a Village, Cuobuxi Town, Xietongmen County, going deep into the grassroots level. They conveyed not only sincere blessings for the festival but also rich greetings and support materials so that everyone could fully feel the warmth and care of the Party and the enterprises. During the greetings and support symposium, the resident work team stationed in the village patiently and meticulously elaborated on the core meaning of the national policy of "two assurances and three guarantees", stimulated the determination and belief of villagers to be self-reliant and prosperous, urged them to actively overcome difficulties, strive to develop animal husbandry and broaden family income sources. In addition, the resident work team also took this opportunity to vividly interpret various policies that benefit farmers proposed in the report of the 20th National Congress of the Communist Party of China, and widely listened to the voices and demands of villagers. Efforts have been made to coordinate and solve practical difficulties and problems so that the people can deeply feel the care and warmth of the resident work team stationed in villages. The sincere handshakes, cordial greetings and earnest exhortations have moistened the hearts of villagers and deepened the emotional bond between the resident work team and them. The Company's resident work team interpreted the purpose of serving the people with practical actions, narrowing the distance between them and the masses, and passing on the concern and care of the Party and the government to the masses.



The resident work team of Jiama Mine carried out the greetings and support sympathy

CASE

Jiama Mine donated forage grass to Sibü Village, Tashigang Town, Mozhokunggar County

Conscientiously fulfilling the political and social responsibilities of central enterprises, Jiama Mine donated forage grass worth about RMB 1 million to Sibü Village, Tashigang Town, Maizhokunggar County on May 29 to effectively integrate theme education into daily work, effectively helping farmers and herdsmen stationed in the village to solve practical difficulties in production and life. At the donation activity, Lhamo Tsering, Deputy Secretary of the CPC Maizhokunggar County Committee, expressed his sincere gratitude to the company for its long-term support. He said that the Company has always adhered to the responsibility as a central enterprise and made due contributions to the construction of happy Maizhokunggar County. This activity was a vivid embodiment of the Company's in-depth implementation of Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era, the spirit of the 20th National Congress of the Communist Party of China and the investigation and research work as a state-owned central enterprise. The Party Committee of the Company has always adhered to its responsibility of building a pioneer of national unity and consolidating the community of the Chinese nation, leading the masses to increase income and become rich, and making due contributions to the economic development and long-term social stability of Maizhokunggar County. The donation activity has also been highly praised by the county and town party committees, governments and people. Everyone said that Jiama Mine conveyed warmth with love, demonstrated responsibility through actions, and carried forward the main theme of mutual assistance and love for a better future in the new era.



Jiama Mine organized a forage grass donation activity

Appendix I: Supporting Sustainable Development Goals of the United Nations

Supporting Sustainable Development Goals of the United Nations	
Sustainable Development Goals	Framework for Action
Goal1: End poverty in all its forms everywhere	Recruit and arrange employment for a lot of local labor in Inner Mongolia Autonomous Region and Tibet Autonomous Region, to help eliminate poverty. Send village team of China Gold International to lift out poverty and provide assistance to underdeveloped towns to consolidate and expand the achievements in poverty alleviation and promote rural vitalization in once poverty-stricken areas.
Goal2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture	Co-found Jiama Industry& Trade company with the local people to improve their living standard with the aim to promote the sustainable development in Jiama. Launch greenhouse vegetables project and community based breeding program, plant grain and vegetables adapted to local condition to increase farmers' income.
Goal3: Ensure healthy lives and promote well-being for all at all ages	Provide support for the rural medical and health infrastructure to improve medical conditions. Formulate occupational health management system, including "Three simultaneous" system, hazard prevention system. Monitor mining area in terms of total dust, respiratory dust, noise and individual noise to enhance labor protection.
Goal4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	Attach great importance to education through building local schools, establishing scholarships, funding college students, to provide more opportunities for students in remote areas. Launch various training activities to advance employees' further education.
Goal5: Achieve gender equality and empower all women and girls	Elevate gender equality to Company's strategic level and improve social security system. Adhere to the principle of "Men and women enjoy equal pay for equal work"; help develop the career of female employees; organize career training and health lectures for female employees; care for them in pregnancy or lactation.
Goal6: Ensure availability and sustainable management of water and sanitation for all	Adopt advanced equipment and technology. Place priority to water resources. Promote sustainable development of water resources through building recycling water facilities and using solar energy in processing plants to construct smoke free mining.
Goal7: Ensure access to affordable, reliable, sustainable and modern energy for all	Pursue green development mode, uphold sustainable development vision of environmental protection and energy saving, devote to energy conservation and emission reduction. Cut greenhouse gas emission and reduce air pollution through effective usage of solar heating system.
Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Safeguard employees' various interests, increase investment in salaries and welfare of employees and their working and living conditions to enhance Company culture development.
Goal9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Increase more investment in research, innovation and application of key technology through independent research, cooperation of production, research and college, and international exchanges. Tackle scientific and technical problems in geology, mining, processing, energy conservation, eco protection and other areas, and yield fruitful results.
Goal10: Reduce inequality within and among countries	Encourage pairing assistance and helping-out activities to support the sustainable development of the local economy. Strengthen support on public welfare, launch poverty reduction program like villages team and other ways to realize sustainable development in poor areas.

Supporting Sustainable Development Goals of the United Nations	
Sustainable Development Goals	Framework for Action
Goal11: Make cities and human settlements inclusive, safe, resilient and sustainable	Use energy in a rational way and develop new energy. Fuel the career of science, education and culture; protect local environment and enhance sustainable capacity of the community.
Goal12: Ensure sustainable consumption and production patterns	Promote clean manufacture proactively, enhance environmental protection in whole process, reduce pollution starting with the source and achieve sustainable development by green procurement and environmental friendly performance. Establish the base for publicizing energy saving and environmental protection; spread the concept of low carbon and make the common sense of low carbon public.
Goal13: Take urgent action to combat climate change and its impacts	Intensify efforts on environment monitoring and inspection, reinforce awareness of environmental protection, advance green and environmental friendly performance, reduce negative influence of company performance on environment thus to realize green development. Enhance energy efficiency; fuel the industrial and architectural energy saving as well as green development; reduce the emission of greenhouse gas such as carbon dioxide. Also, prevent natural environment risks in advance, meet the risk challenges brought by extreme weather, strictly abide by the relevant regulations and announcements issued by the local government, analyze different risks of the mines. Identify potential hazards to the company's operations, formulate plans and emergency measures to deal with operational disruptions or other negative impacts caused by extreme weather to ensure smooth mine production and employee safety.
Goal14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development	Strengthen environmental protection in mining area, reduce air and water pollution. Support conservation of marine eco environment, attach importance to utilization of marine renewable energy and promote sustainable development of marine resources.
Goal15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	Committed to technology trails on soil fertilization in ecologically fragile area, launch water and soil conservation, drip irrigation, plant experiment, and trees, grass and flowers plantation. Carry out the business of ecological rehabilitation to promote the treatment of heavy metal pollution; increase ecological investment in engineering construction to protect biological diversity. Implement level-to-level eco management to maintain eco environment of the community.
Goal16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	Stick to Company moral standards, enhance labor contract management, improve labor employment system, appreciate employees' right to know, protect their rightful interests. Exert employees' role in democratic management and supervision, establish democratic management system in primary level. Regularly disclose financial and non-financial information to enhance transparency; further strengthen the building of clean Party and government as well as the anti-corruption work; safeguard interests and proposal of employees to build a harmonious enterprise.
Goal17: Strengthen the means of implementation and revitalize the global partnership for sustainable development	With the cooperation of Chinese government, enterprises, financial institutions, universities and international organizations, we introduce and export technologies in environmental protection; establish long-term strategic cooperation and carry out comprehensive and in-depth cooperation.

Appendix II: Environmental, Social and Governance Reporting Guide

Index		Disclosure level
A. Environmental		
Aspect A1: Emissions	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Reported
	A1.1 The types of emissions and respective emissions data.	Reported
	A1.2 Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Reported
	A1.3 Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Reported
	A1.4 Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Reported
	A1.5 Description of emissions target(s) set and steps taken to achieve them.	Reported
	A1.6 Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	Reported
Aspect A2: Use of Resources	General Disclosure Policies on the efficient use of resources, including energy, water and other raw materials.	Reported
	A2.1 Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	Reported
	A2.2 Water consumption in total and intensity (e.g. per unit of production volume, per facility).	Reported
	A2.3 Description of energy use efficiency target(s) set and steps taken to achieve them.	Reported
	A2.4 Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	Reported
	A2.5 Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Inapplicable
Aspect A3: The Environment and Natural Resources	General Disclosure Policies on minimising the issuer's significant impacts on the environment and natural resources.	Reported
	A3.1 Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Reported
Aspect A4: Climate Change	General Disclosure Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.	Reported
	A4.1 Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	Reported
B. Social		
Employment and Labour Practices		

Index		Disclosure level
Aspect B1: Employment	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.	Reported
	B1.1 Total workforce by gender, employment type (for example, full- or part- time), age group and geographical region.	Reported
	B1.2 Employee turnover rate by gender, age group and geographical region.	Reported
Aspect B2: Health and Safety	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.	Reported
	B2.1 Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	Reported
	B2.2 Lost days due to work injury.	Reported
	B2.3 Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Reported
Aspect B3: Development and Training	General Disclosure Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.	Reported
	B3.1 The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Reported
	B3.2 The average training hours completed per employee by gender and employee category.	Reported
Aspect B4: Labour Standards	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	Reported
	B4.1 Description of measures to review employment practices to avoid child and forced labour.	Reported
	B4.2 Description of steps taken to eliminate such practices when discovered.	Reported
Operating Practices		
Aspect B5: Supply Chain Management	General Disclosure Policies on managing environmental and social risks of the supply chain.	Reported
	B5.1 Number of suppliers by geographical region.	Reported
	B5.2 Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Reported
	B5.3 Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Reported
	B5.4 Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Reported

Appendix III: Social Responsibility KPI of the China Gold International

Index		Disclosure level
Aspect B6: Product Responsibility	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	Reported
	B6.1 Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Inapplicable
	B6.2 Number of products and service related complaints received and how they are dealt with.	Inapplicable
	B6.3 Description of practices relating to observing and protecting intellectual property rights.	Reported
	B6.4 Description of quality assurance process and recall procedures.	Inapplicable
	B6.5 Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Reported
Aspect B7: Anti-corruption	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	Reported
	B7.1 Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	Reported
	B7.2 Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	Reported
	B7.3 Description of anti-corruption training provided to directors and staff.	Reported
Community		
Aspect B8: Community Investment	General Disclosure Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	Reported
	B8.1 Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Reported
	B8.2 Resources contributed (e.g. money or time) to the focus area.	Reported

Note: The Company does not relate to product recall for safety and health reasons or quality assurance, so the description is not included in the ESG report. In addition, the Company has not received any complaints about products or services during the reporting period, so this report does not disclose the number of complaints and service related complaints received and how they are dealt with.

ESG KPI of the China Gold International						
Item	Unit	2023	2022	2021	2020	2019
Credit management						
Total asset	Million USD	2,835	3,195	3,257	3,322	3,197
Total revenue	Million USD	459	1,105	1,137	864	657
Income (loss) from operations	Million USD	32	317	333	154	(3)
Net profit	Million USD	(23)	225	269	114	(32)
Product qualification ratio	%	100	100	100	100	100
Contract performance rate of the Company	%	100	100	100	100	100
Subsidiary contract performance rate	%	100	100	100	100	100
Total sales income to top five customers	Million USD	457	1,100	1,092	807	604
Proportion of total sales income to top five customers to all operating income	%	99.40	99.53	96	93.40	91.92
Proportion of debts to top five creditors to total debts of the Company	%	47.15	33.57	43.42	13.72	64.05
Assetliability ratio	%	39.05	40.42	43.71	51.98	54.63
Legal audit rate of rules & regulations	%	100	100	100	100	100
Legal audit rate of economic contract	%	100	100	100	100	100
Legal audit rate of important economic decisions	%	100	100	100	100	100
Contract performance rate	%	100	100	100	100	100
Environmental protection and energy conservation						
Input in energy conservation and emission reduction	Ten thousand RMB	0	601.4	1,720.1	110.82	137.46
Total greenhouse gas emissions	Carbon dioxide equivalent(ton)	242,641.2	-	-	-	-
Including: Direct emission	Carbon dioxide equivalent(ton)	920.51	-	-	-	-
Indirect emission	Ton	241,720.69	-	-	-	-
Greenhouse gas emissions per ton of ore	Carbon dioxide equivalent (ton)/ton	0.014	-	-	-	-
Greenhouse gas emissions per RMB10,000 tons output	Carbon dioxide equivalent(ton)/RMB10,000 tons output	0.75	-	-	-	-
Nitrogen oxides emission	Ton	1.96	0.35	7.84	17.490	17.121
Sulphur oxide emission	Ton	2.29	-	-	-	-

ESG KPI of the China Gold International						
Item	Unit	2023	2022	2021	2020	2019
Particulates emission	Ton	0.41	-	-	-	-
Soot volume	Ton	0	0	1.91	4.790	14.255
Diesel consumption	Liter	244,972.47	318,229	368,173	372,589.13	400,350.46
Diesel consumption per ton of ore	Liter/ton	0.017	0.01	0.01	0.01	0.02
Coal consumption	Ton	143.3	120	4,600	8,600	8,750
Coal consumption per ton of ore	Kg/ton	0.01	0.004	0.16	0.31	0.67
Total energy consumption	Ton of coal equivalent	32,748.12	82,574.86	84,467.53	91,554.62	82,932.63
Vehicle mileage	Km	2,402,057	2,891,627	3,248,701	27,703,429	3,046,011
Vehicle mileage per ton of ore	Km/ton	0.17	0.09	0.11	0.98	0.14
Vehicle fuel consumption	Ton	330.77	414.9	460.13	459.70	531.29
Vehicle fuel consumption per ton of ore	Liter/ton	0.032	0.018	0.020	0.027	0.028
Natural gas consumption	m3	0	0	0	0	0
Planted trees	Number	233,604	270,000	444,707	600,900	600,150
Harmful waste	Ton	0	0	0	0	45.93
Harmless waste	Ton	29,173,308	56,619,856	47,079,043	130,022,862	135,551,274
Harmless waste per ton of ore	Ton/ton	2.0	1.9	1.6	4.6	6.0
Sewage emission	Ton	172,800	0	0	0	0
Annual office electricity consumption per capita	Degree	1,398.28	710.52	732.48	998.08	1392.19
Annual water consumption per capita	Ton	28.24	17.07	18.43	19.97	27.00
Harmful waste per ton of ore	G/ton	0	0	0	0	2.04
Annual paper consumption per capita	Kg	1.33	2.38	2.40	4.25	9.19
Total investment of environmental protection	100 million RMB	1.0304	0.7165	1.0942	0.0972	0.46
COD (chemical oxygen demand) emission	Ton	7.4736	0	4.87	4.907	4.1
Sulfur dioxide emission	Ton	0	0	7.23	11.340	28.868
Production power consumption of the mining area	10,000 kW/h	18,749.78	57,848.23	57,528.39	55,392.5	40,595.5
Comprehensive energy consumption per ton for mineral processing	KWh/ton	13.16	18.99	19.51	19.66	18.01
Newly added water	10,000 tons	276.3	786.08	765.58	890.72	326.18
Circulating water	10,000 tons	5,097.33	7,090.30	7,303.05	7,980.58	7,470.08
Water consumption per RMB10,000 output	Ton per ten thousand RMB	8.53	10.58	10.56	14.89	7.2
Water consumption per ton of ore	Ton/Ton	0.19	0.26	0.26	0.32	0.14
Number of environmental pollution accidents	Number of times	0	0	0	0	0

ESG KPI of the China Gold International						
Item	Unit	2023	2022	2021	2020	2019
Environmental protection training coverage ratio	%	100	100	100	93	95
Work safety						
Safety investment	Ten thousand RMB	34,329.45	26,494.68	18,664.73	14,969.15	19,609.61
Death toll of employees in production	Person	0	0	0	0	0
Rate of workrelated fatalities	%	0	0	0	0	0
Fatality rate for million ton production	Person/million ton	0	0	0	0	0
Major equipment accidents	Number of times	0	0	0	0	0
Work days lost to injury	Day	0	0	0	0	0
Major fire and explosion accidents	Number of times	0	0	0	0	0
Major traffic accidents	Number of times	0	0	0	0	0
Number of work safety accidents	Number of times	0	0	0	0	0
Special equipment inspection rate	%	100	100	100	100	100
Special equipment inspection qualified rate	%	100	100	100	100	100
Loss accidents of explosives and hazardous chemicals	Number of times	0	0	0	0	0
Serious spill accidents of explosives and hazardous chemicals	Number of times	0	0	0	0	0
Employees with safety management certificate	Person	140	210	221	177	178
Certified safety engineer	Person	30	30	30	26	26
Safety education and training sessions	Number of times	323	91	128	102	137
Safety education and training participants	Number of times	10,001	9,707	6,562	6,597	9,540
Safety education and training rate for employees	%	100	100	100	100	100
Employees' interests						
Total employees	Headcount	2,080	2,089	2,090	2,080	2,085
Including: Female employees	Headcount	419	420	442	448	444
Male employees	Headcount	1,661	1,669	1,648	1,632	1,641
Employees of ethnic minority and other ethnic groups	Headcount	439	476	469	443	440
Employees at primary managerial positions and above	Headcount	541	429	245	469	476
Including: Female employees	Headcount	120	91	44	124	118
Employment of the disabled	Headcount	6	11	18	9	2
Labor contract signing rate	%	100	100	100	100	100
Social insurance coverage ratio	%	100	100	100	100	100

ESG KPI of the China Gold International						
Item	Unit	2023	2022	2021	2020	2019
Proportion of workers joining in the Trade Union	%	100	100	100	65.18	100
Annual recruits through open recruitment	Headcount	74	67	190	137	159
Including: Hires newly graduated from universities and colleges	Headcount	27	15	26	30	18
Social Recruitment	Headcount	47	52	164	107	141
Proportion of localized employment	%	25.87	24.17	24.83	50.72	21
Annual person-time of staff training in total	Headcount	628	1,712	1,954	3,781	2,171
Annual promotions in professional titles	Headcount	–	381	31	108	99
Annual promotions to expert-level senior engineers	Headcount	0	0	0	4	2
Physical checkup and health file coverage ratio	%	100	100	100	100	100
Occupational disease cases at year end	Case	3	0	0	0	0
Additional occupational disease cases in the year	Case	0	0	0	0	0
Proportion of employees in the Career, Health and Safety Committee	%	3.2	4.5	41.1	19.2	19.4
Per capita paid vacation days	Day	91	95	98	50	139
Staff satisfaction	%	100	100	100	99.3	99
Staff turnover	%	6	5.3	4.8	5.1	9.6
Number of staff complaints filed and resolved through the complaint mechanism	Number	1	1	71	11	0
Overtime pay	Ten thousand RMB	96.89	82.8	45.2	43.08	37.3
Aid for employees in difficulty	Ten thousand RMB	5.28	5.3	7.6	68.9	7.2
Technological progress						
Total input in scientific research and development	Ten thousand RMB	11,853.73	17,065.09	16,832	18,142	16,108
Number of new patents	Item	11	4	30	9	9
Scientific and technological achievements	Item	10	10	13	19	17
Scientific research programs undertaken	Item	33	22	20	28	20
Number/ rate of technological staff	Person/%	267/17.21%	354/16.95%	291/13.92%	240/11.62%	269/13.06%
Harmony and win-win						
Total tax	100 million RMB	6.22	9.02	9.60	4.84	2.73
Total procurement of materials	100 million RMB	4.61	9.39	9.88	8.52	6.38

ESG KPI of the China Gold International						
Item	Unit	2023	2022	2021	2020	2019
Including: Procurement under social responsibility	100 million RMB	0.53	0.64	0.65	0.82	0.73
Proportion of procurement under social responsibility	%	11.5	6.82	6.58	9.62	11.44
Proportion of localized procurement	%	16.49	37.80	37.39	23.63	33.04
Total donation	Ten thousand RMB	943.83	1,018.80	34.21	72.00	28.69
Assistance to difficult families and students	Headcount	82	87	105	1,089	942
Employee volunteers	Headcount	273	577	401	410	257

Tips:

- Total GHG emissions are accounted for in accordance with the Handbook of Emission Factors for Industrial Sources, with direct emissions (Scope I) covering direct GHG emissions from sources owned or controlled by the company, and indirect emissions (Scope II) covering indirect GHG emissions from energy sources resulting from the company's internal consumption of (purchased or acquired) electricity, heat, refrigeration and steam.
- Water consumption per RMB10,000 output=Newly added water/Total revenue
Water consumption=Newly added water/Annual ore processing
- Nitrogen oxides emissions are newly disclosed for gasoline use compared to 2022.
- The GHG emissions in 2023 have been optimized in terms of statistical methodology compared to 2022: The calculation of Scope 2 electricity CO2 emissions refers to the Notice on Doing a Good Job in 2023–2025 Reporting and Management of Greenhouse Gas Emissions of Power Generation Enterprises, which states that "The average emission factor of the national power grid in 2022 is 0.5703t CO2/MWh".
- Nitrogen oxides, Sulphur oxide and Particulates calculations: Refer to China Environmental Impact Assessment Training Material: The total amount of major air pollutants emitted by burning 1m³ of diesel fuel: nitrogen oxides (in terms of NO2) 8.57kg/m³, sulfur dioxide 10.0kg/m³, particulate matter 1.80kg/m³.

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