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中國黃金國際資源有限公司2020年環境、社會及管治報告



中國黃金國際資源有限公司 環境、社會及管治報告

China Gold International Resources Corp. Ltd.
Environmental, Social and Governance Report





This report is the eleventh corporate social responsibility report (also referred to Environmental, Social and Governance Report) published by China Gold International Resources Corp. Ltd. (the "Company"). It highlights efforts made by the Company over the past year, including responsible 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. 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 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).

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.

Time Period

This report mainly covers the calendar year 2020, and may refer to major events in our history where appropriate.

Subject Scope

This report covers head quarter of the Company and its subsidiaries.

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).

Rating Agency

This report has been rated by an independent third party, authorized by the Research Center for Corporate Social Responsibility, Economics Division, Chinese Academy of Social Sciences. The rating results are set out in the appendix hereto.

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.

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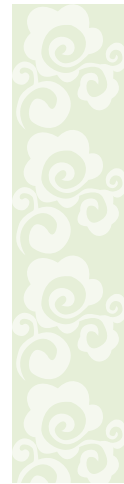
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Corporate Profile



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 Copper-Gold 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. The Jiama Mine commenced the commercial production of phase I and phase II in September 2010 and September 2017 respectively.

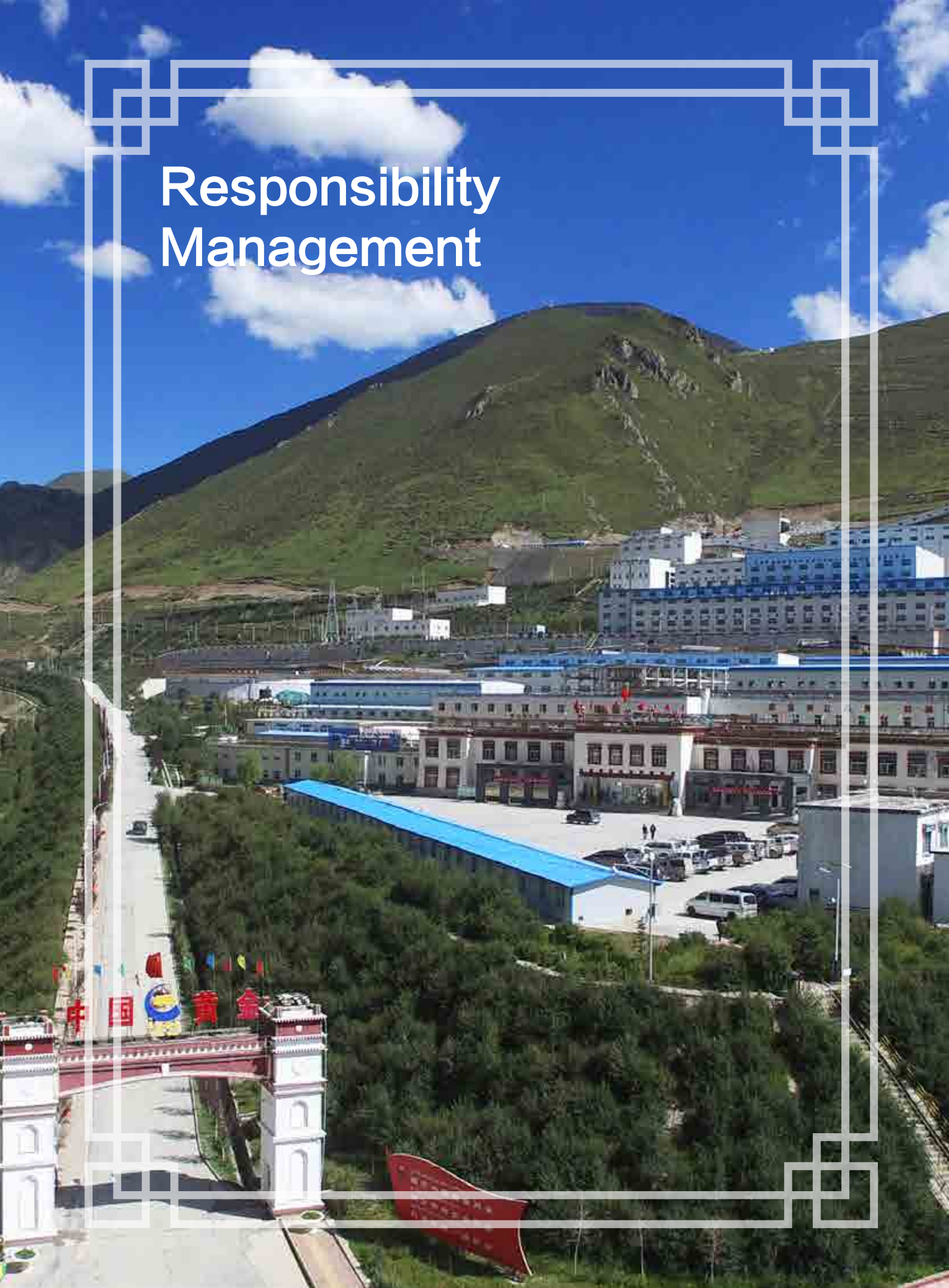
China Gold International's common shares are listed on the Toronto Stock Exchange ("TSX") and the Stock Exchange of Hong Kong Limited ("HKSE") under the symbol CGG and the stock code 2099, respectively. Additional information relating to the Company, including the Company's Annual Information Form, is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

The Company's development vision is: harboring a high sense of responsibility, building itself into a large-scale mining company and a significant player in international capital markets and the global mining industry.

Key Economic Indicators(unit:USD)

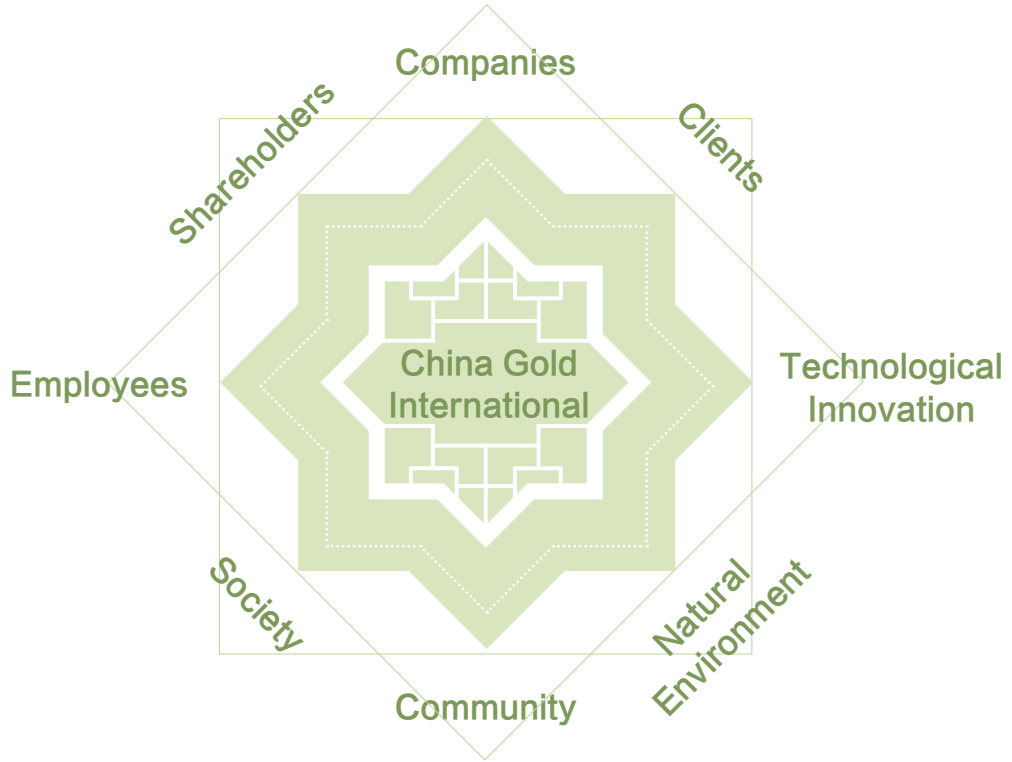
Item	UNIT	2020	2019	2018	2017	2016
Total Revenue	Million USD	864	657	571	412	339
Operating earnings	Million USD	154	(3)	43	79	34
Net (loss) profit	Million USD	114	(32)	(4)	64	(12)
Basic earnings per share	Cents	28.24	(8.28)	(1.22)	15.93	(3.36)
Total asset	Million USD	3,323	3,197	3,216	3,230	2,967
Total non-current liabilities	Million USD	1,284	818	1,301	1,324	737

Responsibility Management



01. Social responsibility vision

Our social responsibility 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.



02. Social responsibility model

Aiming at "acting as a dedicated performer of social responsibility in the global mining sector", China Gold International takes initiatives covering accountability, 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.

The process is illustrated in the model below:



03.Social responsibility 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 production wherever compromising ecological environment.



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

04.Core responsibilities

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.
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.
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.
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.
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.

05.Social responsibility performance scorecard

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

Scope of responsibilities	Social responsibility targets for 2020	Completeness of target
Responsibility 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 social responsibility training and workshops to improve social responsibility 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, effectively 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
	Accelerate safety-oriented technological renovations in processes and equipment, strengthen R&D, and leverage technological innovations to achieve safety management.	A
Caring to employees	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
	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
Environmental 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.	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 impoverished 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

01. Administrative authorities

The Company gradually builds up a sound corporate social responsibility management system. The social responsibility strategic issues are decided and managed by the Nominating and Corporate Governance Committee, Audit Committee, Compensation and Benefits Committee, and Health, Safety and Environmental Committee of the Board of Directors (the "Board") of the Company and its subsidiaries, and implemented by the management of the Company.

Social responsibility team, including major management from the subsidiaries, is responsible for decision-making and management of their social responsibility issues.

02. Daily management bodies

At relevant departments of the headquarters and the subsidiaries (branches), management bodies, posts and personnel, responsible for carrying out social responsibility 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 corporate social responsibility information, as well as responding to inquiries of investors, regulatory authorities and other stakeholders on corporate social responsibility issues.

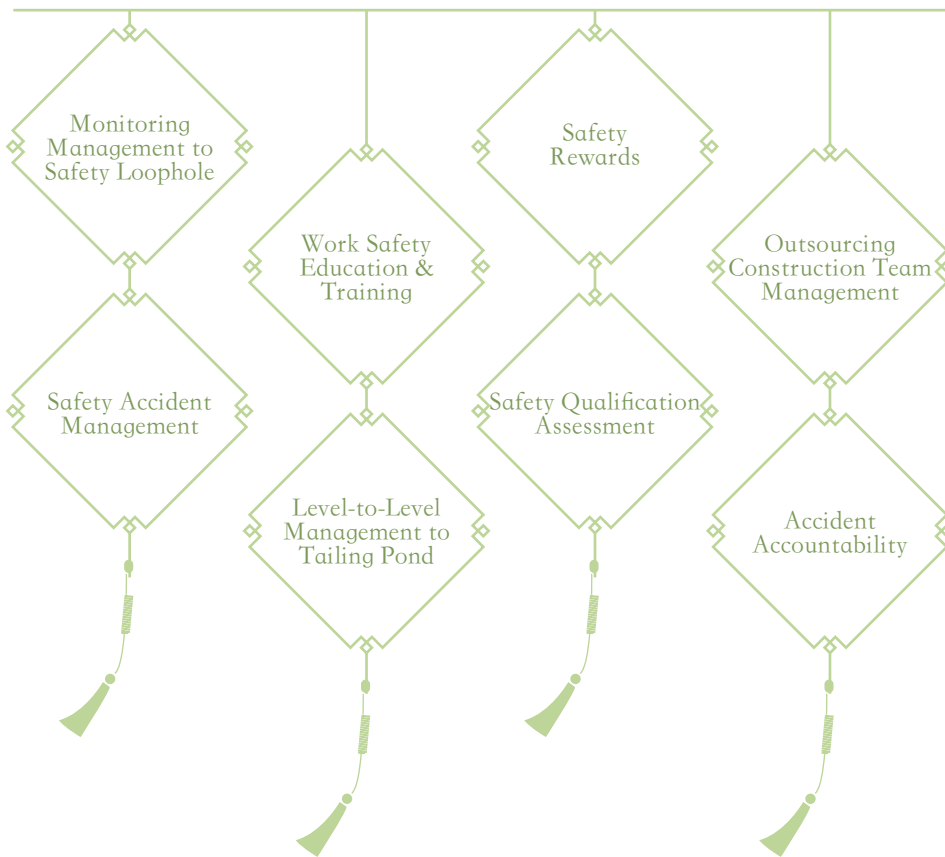
03. Organization structure



04. 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 Company, the Company requires its two subsidiaries to improve regulatory system and to improve the capacity of work safety. In 2020, 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.

Safety Grid Management System



05. 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 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.

In order to fulfill its social responsibilities, the Company attaches importance to building a sound participation mechanism for its stakeholders. The Company draws upon the social responsibility 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 social responsibility topics in a rational manner.

01.Process to identify social responsibility topics

Confirm objective of social responsibility confirm social responsibility objective regarding the CSR standard and the best responsibility practice.

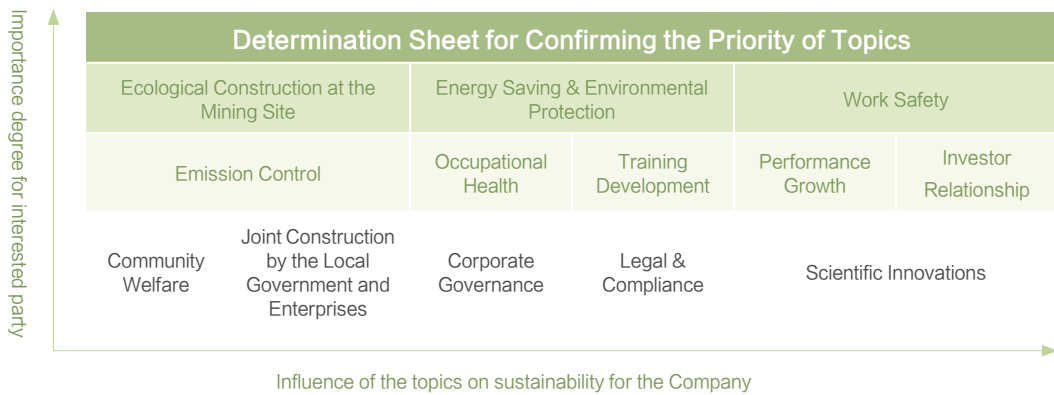
Understand expectation of interested parties actively communicate with interested parties to understand the significant topics they care about.

Select major topics formulate work plan and put into practice, draw up the action plan, confirm scope of participation and provide action resources.

Formulate work plan and put into practice select and put in order the topics according to the concern of interested parties and the influence of the topics on the Company.

Feedback of interested party assess the implementation effect of the planning through internal and external communication

Summary and improvement summarize the experiences and improve continuously



02.List of social responsibility topics

- Responsibility performance** Concept establishment, organization setting, strategic planning, the integration of concept into operations, communications and surveys in respect of social responsibility.
- Market performance** Financial performance, investor relations management, customer relationship management, product quality management, responsibility for procurement, business integrity and fair competition.
- Social performance** Compliance with laws and regulations, implementation of national policies, protection of employees' interests, equal employment, occupational health management, employee training and development, work safety, localized operations, charity and public welfare, volunteer activities.
- Environmental performance** Environmental management system, responses to climate change, development and application of environmental technologies and equipment, energy and water conservation, development of circular economy, remnant ore recovery, emission reduction of waste gas, water and slag, tailing treatment and ecological protection at mining area, conservation of land resources, reduction of waste emission.

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

01. Formulating management system

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

02. 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 social responsibility management.

03. Upgrading specific work

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





The Company conducts in-depth research on stakeholder concerns, attaches great importance to communication with stakeholders, and translates relevant claims into corporate social responsibility actions and objectives. And we effectively strengthen our capacity building, disseminate the Company's responsibility concept and practice to stakeholders through various channels, and strive to meet expectations of interested parties.

01. 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	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



02.External communication

To promote internal communication on social responsibility, the Company has identified liaisons in its subsidiaries to keep informed of and provide timely feedback of social responsibility progress as an effective bridge for information communication.



Baima Wangdui, the Party Committee member of the Tibet Autonomous Region, secretary of CPC of Lhasa City, inspected designated quarantine hotels for employees of Jiama Mine.



The head of Lhasa Administration of Work Safety instructed work for Jiama Mine.



The group of Bank of China visited Jiama Mine.



Social responsibility report in three languages of Jiama Mine was released.



While creating economic benefits, China Gold International continues to deepen its understanding of its social responsibility and earnestly fulfills its corporate social responsibility, and has received positive recognition from the public.

Honors for China Gold International from 2018 to 2020

Company	Year	Honors	Granting unit
Jiama Mine	2020	The Study of Basic Theory on Porous Media Grouting, the First Prize in Science and Technology Award	Office for Green Mine Science & Technology Awards
Jiama Mine	2020	Key Technologies and Application Research on Broken Rock Grouting Control, the Second Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Research and Application on Gas-driven Shaft and Float Pipe Draining Seepage at the Tailing Dam with Paste at High Altitude, the First Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Key Technology Research on Training System of Immersion Mine Scene Safety Based on VR Technology, the Second Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Research and Application on Improving Technical Indicators through Optimizing Flotation Process, the Second Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Mine Access Management System Based on Iris Biometric Technology, the Third Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Research and Application on Flotation Process of Phase II Mineral Processing Plant Located in High-cold and High-altitude Area in Jiama, Tibet, the Third Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Large Flow Paste-like Tailings Stable Filling Technique, the Third Prize in Science and Technology Award	China Gold Association
Jiama Mine	2020	Integration and Application of Key Technologies for Efficient Comprehensive Recovery of Low-grade Complex Copper Polymetallic Ore, the Third Prize in Science and Technology Award in Tibet Autonomous Region	China Gold Association
Jiama Mine	2019	Second Prize for Green Mining Science and Technology in Research and Application of Key Technologies for Overall Management in Intellectual Cloud Mining Project	Zhongguancun Green Mine Industry Alliance
Jiama Mine	2019	Second Prize for Integrated Key Technology and its Industrial Application in Overall Efficient Recovery of Refractory Copper in Polymetallic Mine	China Nonferrous Metals Industry Association



Honors for China Gold International from 2018 to 2020

Company	Year	Honors	Granting unit
Jiama Mine	2019	First Prize for Key Technology of Continuous and Integrated Mining on High-level Thick Ore Body in High Altitude Environment	China Gold Association
Jiama Mine	2019	First Prize for Process Optimization and Technology Application of Copper and Molybdenum Separation in Jiama Complex Copper and Molybdenum Ore in Tibet	China Gold Association
Jiama Mine	2019	Second Prize for the Research on Key Technology to Provide Graded and Partitioned Support to Broken Rock Roadway	China Gold Association
Jiama Mine	2019	Second Prize for the Research and Technology of Comprehensive Recovery of Nankeng Oxidized Copper, Lead and Zinc Mine in Jiama Mining Area of Tibet	China Gold Association
Jiama Mine	2019	Third Prize for Research and Application of Beneficiation Technology on Copper and Molybdenum Deposit in Jiama Complex Refractory High-sulfur Hornstone at High-altitude of Tibet	China Gold Association
Jiama Mine	2019	Special Prize for Process Optimization and Application Technology of High-efficient Separation in Jiama Copper and Molybdenum Concentrate	China National Gold Group Co., Ltd.
Jiama Mine	2019	Reward on Rational Suggestions and Refined Application of Self-made Slag Rotary Sieve for Ore Pulp in Production	China National Gold Group Co., Ltd.
Jiama Mine	2019	Technology Innovation Expert	China National Gold Group Co., Ltd.
Jiama Mine	2019	LIMS System in Large Copper Polymetallic Mines at High-altitude Cold Environment, SOE Management and Innovation Achievements of State-owned Enterprises	China Enterprise Management Research Institute, China Institute of Fiscal Science, Innovation World Weekly, State-owned Enterprises Management Committee
Jiama Mine	2019	China Innovation Demonstration Enterprise for the Cooperation among Industry, University and Research Institute (2019)	China Industry-University-Research Institute Collaboration Association
Jiama Mine	2019	China Innovation Award for the Cooperation between Industry and Research Institute (2019) Innovation Reward for the Cooperation among Industry, University and Research Institute (2019)	China Industry-University-Research Institute Collaboration Association
Jiama Mine	2019	China Craftsmanship Spirit Award for the Cooperation among Industry, University and Research Institute (2019) Reward of Craftsmanship Spirit in Innovation and Progress for the Cooperation among Industry, University and Research Institute (2019)	China Industry-University-Research Institute Collaboration Association
Jiama Mine	2018	Research and application of key technology for efficient utilization of complex low-grade copper ores First Prize of Science and Technology Award	China Non-Ferrous Metals Industry Association
Jiama Mine	2018	Key technology and industrialization considering the comprehensive utilization of complicated copper ore First Prize of Science and Technology Award	China Association of Circular Economy
Jiama Mine	2018	Research and application of simultaneous shaft-sinking with medium-length hole in plateau mine First Prize of Scientific and Technological Achievements for Frontline Workers	China Gold Association
Jiama Mine	2018	Application of self-made slag removal of ore pulp First Prize of Scientific and Technological Achievements for Frontline Workers	China Gold Association

Honors for China Gold International from 2018 to 2020

Company	Year	Honors	Granting unit
Jiama Mine	2018	Innovation on sealing and dust prevention of flotation cell	China Gold Association
Jiama Mine	2018	Second prize for the SOE Management and Innovation Achievements of State-owned Enterprises (2018)	China Enterprise Management Research Institute, China Institute of Fiscal Science Innovation World Weekly, State-owned Enterprises Management Committee
Jiama Mine	2018	The 11th National Advanced Equipment Management Unit	Chinese Association of Plant Engineering
Jiama Mine	2018	Pilot Demonstration Enterprise of Intelligent Manufacturing by Ministry of Industry and Information Technology (2018)	Ministry of Industry and Information Technology
CSH Mine	2020	National Advanced Unit for Democratic Management of Factory Affairs	National Coordination Group for Factory Affairs
CSH Mine	2020	2019 National Advanced Unit for China Gold Industry News Publicity Work	China Gold News
CSH Mine	2019	Excellent Enterprise	China National Gold Group Co., Ltd.
CSH Mine	2019	Second Prize in Knowledge Competition of Remember the Original Aspiration and Mission for Development under the Party Leadership	Working Committee of Non-public Economic Organizations and Social Organizations of Urat Zhongqi Committee
CSH Mine	2019	Advanced Unit for the Application of Study for a Powerful Country	Publicity Department of Urat Zhongqi Committee
CSH Mine	2019	National Advanced Unit of News Publicity in Gold Industry 2018	China Gold Association
CSH Mine	2019	Banner of Youth Civilization of Urat Middle Banner	Communist Youth League of Urat Zhongqi County
CSH Mine	2019	Youth League Branch for May Fourth in Bayan Nur City	Communist Youth League of Bayannur City
CSH Mine	2019	2018-2019 Youth Civilization Group of Urat Zhongqi County	Communist Youth League of Urat Zhongqi County
CSH Mine	2018	2018 Advanced Enterprise for Fighting Against Drought	People's Government of Bayannur City
CSH Mine	2018	May Fourth Red-banner Youth League	Communist Youth League of Urat Zhongqi County
CSH Mine	2018	2017 Advanced Enterprise for Safety Production	Administration of Worker Safety of Bayannur City
CSH Mine	2018	2017 Advanced Workshop for Work Safety (processing and smelting plant)	Administration of Worker Safety of Bayannur City





CSH Mine sought technological innovation to promote high-quality development

With advanced mining and processing, scientific development ideas, standard management mode, CSH Mine has attached great importance to the technological advances and actively devoted to technological innovation. Giving full play to its technical superiority independently as well as through joint research, the company has made remarkable achievements, which ensures the sustainable, healthy, stable development of the company, with a total investment for technical innovation of RMB 177.30 million accounting for over 3 percent of the gross output value. The company has funded RMB 17.43 million for the greening and beautifying work in the mining areas. The landscaping covered 90 percent of the total, contributing to a comfortable and beautiful living and working environment. As the largest single gold heap leaching mining enterprise in China, the company has set a precedent for large-scale development and utilization of low-grade gold deposits in China. Over the past ten years, the gold production amount has been reached 47.45 tons, achieving output value of RMB 12.76 billion and making a profit of RMB 3.3 billion, paying a tax of as much as 1.65 billion, with a total value of the net assets RMB 4.69 billion. The per capita annual output of gold reached 8.2kg, which maintained and increased the value of state-owned assets and strongly promoted the local economic development. It has been awarded the honorary titles of "Top Ten Gold Production Mines in China", "Top Ten Gold Economic Benefits Mines in China", "First-class National Non-coal Mine Work Safety Standardization Enterprise", "National Green Mine Pilot Unit", "Green Advanced Unit in Inner Mongolia Autonomous Region", "Enterprise with Best Social Responsibility in Inner Mongolia Autonomous Region" and "Outstanding Contributor Supporting Local Economy" and "National Green Mine".



Jiama Mine perfected the science and technology innovation platform

Jiama Mine attached great importance to the construction of scientific and technological innovation platform. The company identified key technological breakthroughs to accelerate the transformation of research results, and the industrial transformation and upgrading, promoting the optimization and upgrading of traditional mines and the shift of economic growth mode. By the end of 2020, the company had established two major platforms for technology research and development, namely, the Tibet Autonomous Region-level Enterprise Technology Center and the Tibet Autonomous Region-level Engineering Research Center. At the same time, the company has obtained the qualifications including the State-level High-tech Enterprise, National Technological Innovation Demonstration Enterprise, standard compliance of "Integration of Information Technology and Industrialization" management system, CNAS certification. According to the statistic, the tax reduction and exemption for the company was about RMB 51.75 million in 2020, which built up enterprises' core competitiveness and promoted the high-quality development.

Environmental Protection and Energy Conservation

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.

Energy Conservation and Emission Reduction

Global climate change has become an important concern worldwide. The Company actively responds to the country's calls to fulfill its corporate social responsibility. Targeting "low consumption, low emissions and high efficiency", the Company leverages technological innovations to vigorously develop circular economy and improve development and utilization of resources in a scientific and efficient manner, seeking to maximize the benefits from resource consumption.



01. Jiama Mine

Jiama Mine performs the following laws and regulations: Environmental Protection Law of the People's Republic of China, Environmental Protection Regulations of the Tibet Autonomous Region, 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 The Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of People's Republic of China on Prevention and Control of Radioactive Contamination, Integrated Wastewater Discharge Standard, Emission Standard for Industrial Enterprise Noise at Boundary etc., and 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.

Key Indicators for Environmental Protection Performance of Jiama Mine

Item	Unit	2020	2019	2018	2017	2016
Total energy consumption	Ton of coal equivalent	73,303.31	64,282.25	57,053.8	29,379.6	14,008.6
Sewage emission	Ton	58,400	58,400	58,400	58,400	32,850
COD(chemical oxygen demand) emission	Ton	4.91	4.1	14.732	3.6	3.84
Newly added water	10,000 tons	Phase I processing plant: 50.7 Phase II processing plant: 725.02	208.18	41.06	40.56	38.63
Circulating water	10,000 tons	Phase I processing plant: 482.98 Phase II processing plant: 1977.6	1813.08	358.07	399.65	418.63
COD emission reduction	Ton	0.2	0.2	0.2	0.2	0.2
Residue emission	10,000 tons	1432	1197.5	772	172.98	172.98

In 2020, Jiama Mine produced 60,779,900kW/h of power consumption at Phase I processing plant and 409,965,100kW/h at Phase II processing plant, 27.4kW/h of comprehensive energy consumption per ton for mineral processing at Phase I processing plant and 35.86 kW/h at Phase II processing plant, 2.19 tons of water consumption per ton of ore at Phase I processing plant and 2.36 tons at Phase II processing plant.

■ Prevention of air pollutant

Jiama has been following the above laws and regulations. Currently, the air pollutant refers to the dust discharged out of the exhaust funnels of the processing plant, 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 and noise

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. Noise reduction measures are taken strictly in accordance with the environmental impact assessment requirements, without any noise pollution generated. The topsoil and vegetation taken out during the production and construction are piled and preserved in the company's reclamation back-up soil storage site and vegetation preservation area.

■ 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 2020, with the cooperation of Beijing General Research Institute of Mining & Metallurgy, Jiama Mine updated four slurry filling systems and cement blanking, which has greatly improved filling quality, efficiency and stability. Backfill area reached 6.32 billion cubic meters in total.

In 2020, Jiama Mine produced 74.9 million tons of harmless wastes, including 14.32 million tons of tailings, 65.08 million tons of waste rocks. And the harmless wastes per ton of ore was 5.05.



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 Environmental Protection Bureau, 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 Discharge Amount of Jiama Mine

Type	2020	2019	2018	2017	2016
Medical wastes (ton)	0.24	0.24	0.25	0.24	0.22
Used lubricants (ton)	4.68	27.95	15	19	3
Containers of chemical agents (ton)	0	1.66	3.46	0.5	0.5
In total(ton)	4.92	29.85	18.71	19.74	3.72
Harmful waste per ton of ore(g/ton)	0.003	2.41	1.79	1.89	0.35


■ 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, which was put into operation in May 2017. 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. In 2017, the company 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.

02.CSH Mine

Strictly in accordance with 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 The 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 Bayannur Jiehua Environmental Test Company 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.

In 2020, CSH Mine produced 83,180,000kW/h of power consumption. Water consumption per ton of ore was 0.087. Comprehensive energy consumption per ton for mineral processing was 6.31kW/h.



Key Indicators for Environmental Protection Performance of CSH Mine						
Item	Unit	2020	2019	2018	2017	2016
Total energy consumption	Ton of coal equivalent	18,251.31	18,650.38	19,601.19	22,576.82	22,050
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	115	118	128	232	170
Circulating water	10,000 tons	5,520	5,657	6,513	6,687	6,556
COD emission reduction	Ton	0	0	0	0	0
Residue emission	10,000 tons	6,494	6,826.60	6,785.82	9,138.39	9,269.16

■ Prevention and control of air pollution

The pollutants produced by CSH Mine include sulfur dioxide, nitrogen oxides, fume, carbon dioxide and industrial dust. 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 24-hour 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 boilers in the production area are equipped with XTD-10 ceramic multi-cyclone dust collectors and wet-type desulfurization dust collectors (automatically adding whitewash for desulphurization). Each shift adds sodium hydroxide on time based on the pH value of the doctor solution. Inspection and maintenance will be carried out for the boilers every year after heating is stopped to make sure normal operation of boilers and dust collectors. The boilers in the living area are equipped with XTD-4 ceramic multi-cyclone dust collectors and wet-type desulfurization dust collectors to make emission of pollutants such as SO₂ and fume meet the standards.

■ Prevention of solid wastes

Non-hazardous waste at CSH is mainly waste rock, most of which are stored in waste rock yard. And flood intercepting trenches are built with these rocks to prevent water and soil loss. Some rocks are used for paving in CSH mining area to prevent land occupation and protect the environment. Boilers at CSH Mine produces about 2,000 tons of ashes and cinders annually, all of which are used as building materials or for paving. The company will strictly control coal consumption, purchase coal with low ash content to reduce ashes and cinders.

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 Wuhai Tongyang Energy Technology Co., Ltd to sell and transfer the used mineral oil.

Hazardous Waste Discharge Amount of CSH Mine					
Type	2020	2019	2018	2017	2016
Medical wastes (ton)	0	0	0	0	0
Used lubricants (ton)	29.14	16.08	6.4	6.30	6.46
Containers of chemical agents (ton)	0	0	0	0	0
In total(ton)	29.14	16.08	6.4	6.3	6.46
Harmful waste per ton of ore(g/ton)	2.209	1.23	0.640	0.320	0.289

■ Prevention of greenhouse gases and noise

Only carbon dioxide produced by CSH Mine is a kind of greenhouse gas, and there is no methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons and sulfur hexafluoride. In order to meet the provisions of the Emission Standard of Air Pollutants for Boiler (GB13271-2014), CSH carried out desulfurization modification for the boilers in the living area in 2015, additionally installing desulphurization facilities for 4 boilers in that area, after which the discharge of all the pollutants meet the standards as monitored by the Bayannur Environmental Monitoring Station. In 2020, In 2020, CSH Mine installed boiler dust collectors, and invested RMB 2.6 million yuan to replace all 25 coal-fired boilers with 17 air-source heat pumps, realizing the goal of "coal to electricity", effectively reducing exhaust gas emissions.



CSH Mine installed air-source heat pumps.

In 2020, CSH produced 64.94 million tons of non-hazardous wastes, most of which were waste rocks. And the non-hazardous wastes per ton of ore was 4.923.

■ Sewage treatment

The water for production of CSH is mainly the water used for dripping on the dump leaching site, through which all the electrolytic washing water in the gold smelting workshop can be collected and recycled, without any wastewater generated and discharged during the production. Meanwhile, the company has invested in building an underground domestic sewage treatment station, with a daily capacity of 720 cubic meters, for disposing the water by contact oxidation method. The company assigns specialized personnel to carry out inspection, repair and maintenance on a regular basis and add pharmaceuticals to ensure the normal operation of the sewage treatment facilities. The water quality after treatment complies with the Grade II of the Integrated Wastewater Discharge Standard, which can be used for watering for road dust reduction or plant greening.

03.Awareness campaigns for energy conservation and emission reduction



CSH Mine held "World Environment Day"

CSH Mine held the "World Environment Day" and conducted special training on environmental protection. By setting up publicity columns with the content of "Scientific Exposition of Xi Jinping Thought on Ecological Civilization" and "Opinions of the CPC Central Committee and the State Council on Accelerating the Ecological Civilization Construction", hanging publicity banners, posting publicity charts, distributing leaflets, etc., the knowledge of environmental protection, energy conservation and emission reduction has been popularized and the questions about environmental protection that employees concerned have been answered.



CSH Mine held the "World Environment Day".



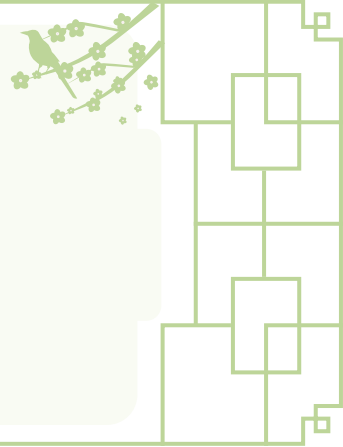
Jiama Mine held the "World Environment Day" kick-off meeting

Deeply learning Xi Jinping Thought on Ecological Civilization, Jiama Mine held the "World Environment Day" kick-off meeting on June 5th, 2020, with an aim to respond to the Party and the state's deployment on ecological environment protection and fulfill the duties and responsibilities of central enterprises. More than 200 people including Lei Qingsong, deputy head of Maizhokunggar County, Chen Guoliang, deputy general manager of the Jiama Mine as well as representatives from various departments and the construction companies, attended the launching ceremony. After the ceremony, department of environmental protection distributed the environmental protection brochures and the caps put words "Protection of the environment is everyone's responsibility" to publicize the importance of protecting the environment and actively spread the environmental protection concept of "lucid waters and lush mountains are invaluable assets", advancing the Beautiful China Initiative through practical deeds.



Jiama Mine held the "World Environment Day" kick-off meeting.

Water is an important natural resource for living and production. As population growth and production development, water is increasingly scarce, however. Regarding water sourcing, all of China Gold International's projects under construction and operation have obtained the respective environmental impact assessment approvals and water-drawing permits. There are no issues related to sourcing water that is fit for purpose. And China Gold International actively uses new technology, new process and equipment to upgrade existing production systems to reduce water consumption; while the Company actively recycles water pouring from the mines and domestic sewage, which is treated for industrial production. That is how the Company achieves recycling of water resources to build a water-saving enterprise.



Indicator		2020	2019	2018	2017	2016
Water consumption	Newly added water (in 10,000 ton)	890.72	326.18	169.06	272.56	208.63
	Circulating water (in 10,000 ton)	7,980.58	7,470.08	6,871.07	7,086	6,974
Water consumption per RMB10,000 output		14.89	7.2	27.09	22.84	26.33
Water consumption per ton ore (ton)		0.32	0.14	0.08	0.31	0.24



Jiama Mine launched Sibugou backwater project

Adhering to the philosophy of "lucid waters and lush mountains are invaluable assets", Jiama Mine focused on the recycling of water resources, and launched a new Sibugou backwater project in 2020. The project mainly included newly-built first-stage and second-stage booster pump station, elevated tank, 8km water pipelines and other auxiliary facilities, aiming to take the Sibugou backwater project as an emergency project during flood season. Under the condition of insufficient acid water treatment capacity in Sibugou, the acid water in the regulate tank was transported to the higher-place ponds through the water delivery pipeline, flowing into the front backwater tank of the Phase II processing plant by gravity. After treatment, it was used for mineral processing water without being discharged. When the backwater scale of this project is 500 cubic meters per hour, the total investment of the project is RMB 37.46 million. The project had been completed by the end of June 2020. After completion, the insufficiency of treatment capacity in rainy season of Sibugou Water Treatment Plant of this company can be solved, and the effluent discharge can also be reduced.



Jiama Mine launched Sibugou backwater project.

Green development journey has a long way to go. China Gold International thoroughly implements the vision of "lucid water and lush mountains are invaluable assets", resolutely wins the critical battle of pollution prevention and control and makes our skies blue again. Our subsidiaries strictly implement the responsibility of environmental management to ensure proper operation of environmental equipment and facilities. We standardize the discharge of waste water and waste gas, treat and store solid waste according to regulation to ensure the compliance with pollutant discharge. We further prioritize environmentally friendly production processes, and adopt clean energy and energy-efficient equipment to reduce pollutants and energy waste from the source. Furthermore, the Company speeds up building green mine according to the standard of building national green mine in the gold and non-ferrous metals industry.

CSH Mine stored the topsoil excavated in the stope and heap leaching yard for greening the dumping yard, and gradually completed the ecological restoration work according to the mining plan. The company greened 1,350 meters of lawn guardrails on both sides of the main road, planted 400 trees, 10,000 sea-buckthorns, and sown 1,280 kg of grass seeds. Vegetation restoration was carried out on abandoned dumps and road retaining walls of CSH Mine, covering 67,309 square meters.

Jiama Mine replanted 650,000 sea-buckthorns on both sides of the road and around the Niumatang dump, sowed 10,000 kilograms of grass seeds, and planted 500 willow trees in areas such as the Jiama Model Forest and Niumatang dump. In addition, Jiama attached importance to ecological protection. For instance, the stripped turf and shrubs were transplanted to protect the ecosystem of the mining area during the construction of the phase II tailings pond.



CSH Mine engaged in plants greening.



CSH Mine engaged in vegetation restoration on the dump.



Jiama Mine transplanted and maintained grass and shrubs from Phase II Tailings Pond.



Jiama Mine rented two waterwheels to carry out greening and watering in the spray planting area every day.

01. Implement level-to-level administration for environmental protection

The Company implements level-to-level administration for environmental protection. We seek to improve environmental management system and establish a governing body which is responsible for inspecting and managing eco work. All departments of the Company, according to respective duties, take charge of environmental protection by division of labor. The subsidiaries take charge of the environmental problems in the area where it operates. The eco protection work of the company is managed uniformly.

02. Strengthen the environmental awareness

The Company attaches great importance to environmental awareness, formulating and implementing annual environmental initiatives and training programs to publicize environmental knowledge and advocate the environmental culture. Through such initiatives and training programs, the Company strives to improve the environmental awareness, work ethic and methodology of the heads of subsidiaries and branches, standardize environmental management, fulfill environmental responsibilities of corporate undertakers, and play its leading role in the micro environmental management.



Jiama Mine attached importance to environmental protection to raise employees' environmental awareness

On December 23th, 2020, Jiama Mine invited the environmental leaders of China Gold to carry out training on environmental protection for the middle management from departments, and explained Xi Jinping's Thought on Ecological Civilization and the importance and necessity of the central environmental protection inspector to the management of the company based on the Regulation on Central Inspection Work on Ecological and Environmental Protection, which greatly improved the overall environmental protection awareness of the employees of the company.



Jiama Mine held an on-site training meeting on ecological environmental protection.

CSH Mine held a training on environmental protection.

03. Environmental technology innovation

The Company places priority on environmental research. Therefore, the environmental innovation and system integration provides a technical support for pollution prevention and eco management.



Jiama Mine carried out research and development on ecological restoration

In order to implement the mine ecological restoration work effectively and improve survival rate of plants in cold and high-altitude environments, Jiama Mine has strengthened the scientific research construction of ecological restoration and carried out relevant technical work, laying a solid foundation for the following stage of ecological restoration work. In recent years, with a total investment of RMB 5 million yuan, Jiama has built the ecological restoration experiment base to carry out research of the ecological restoration technology of the bottom reconstruction at high altitude on the plateau through cooperation with Tsinghua University, Tibet University and some other universities. Suitable biological soil crust samples in ecological restoration mining areas were collected and separated from the soil and 10-20 species of algae were purified under aseptic conditions. The number of purified algae species was initially amplified and cultured into algal fluid with higher concentration through laboratory propagation, then applying it to the actual ecological restoration area. In 2020, Jiama selected a test area of 10,000 square meters and achieved good results, which would be applied in the ecological restoration of mining areas in the later stage. In addition, Jiama also selected local plants such as Tibetan tamarix, princess willow tree, cedar, salix paraplesia for artificial cultivation experiments to study the feasibility and efficiency of using local species to carry out ecological restoration, and take multiple measures to make Jiama's ecological restoration methods more diversified and make the ecological restoration area close to the original appearance as much as possible.



The ecological restoration test base of Jiama Mine

04.Green and environmental operation

The Company 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.

05.Green procurement

The Company actively implements the Opinions on Government Procurement of Environmentally Labeled Products of the PRC to prioritize environmentally labeled products, and select manufacturers with leading technologies of environmental protection and energy conservation as its major equipment suppliers, aiming to minimize pollution from the source.

06.Protection of regional ecological environment

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.



Jiama Mine protected ecological environment to build a green mine

Jiama Mine has always put eco protection in top priority in the process of economic development, making great efforts in promoting the construction of green mines with the consideration of utilization degree and environmental protection. Jiama ensured the coordinated development of mining and ecological and environmental protection. In 2020, Jiama adhered to harmonious construction to benefit the local. With the aim "inspiring the economy and enriching the local" , Jiama tried its best to localize the employment in the greening construction, so as to provide better job opportunities for local farmers and herdsmen. Jiama entrusted Tibetan Shuangli Labor Service Co., Ltd. to hire local farmers and herdsmen to green in Niumatang, No. 2 chute, Phase I and Phase II tailings pond. The wage of RMB 283,908.06 yuan was paid for planting 10,000 kilograms of grass seeds, 600,000 sea buckthorns and 500 kilograms of Tibetan flowers.



Employees from Jiama planted trees.

07.Green business

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.



The beautiful environment of CSH Mine

08.Monitoring of regional ecological environment

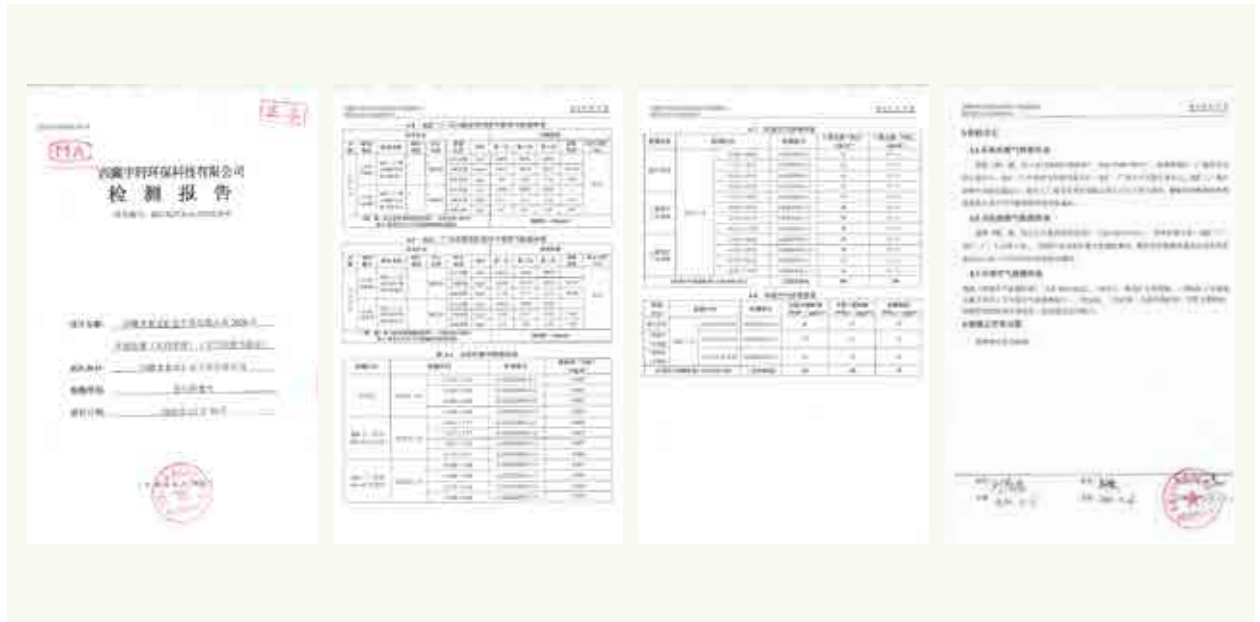
According to the requirements of environmental monitoring work, China Gold International actively entrusts the relevant monitoring units to carry out the environmental monitoring work of the mining area. The monitoring items include groundwater, surface water, domestic sewage, climate, noise, efficiency 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.

Two subsidiaries of China Gold International monitored domestic sewage and exhaust gas each quarter, and all results reached standards in line with national laws and regulations.

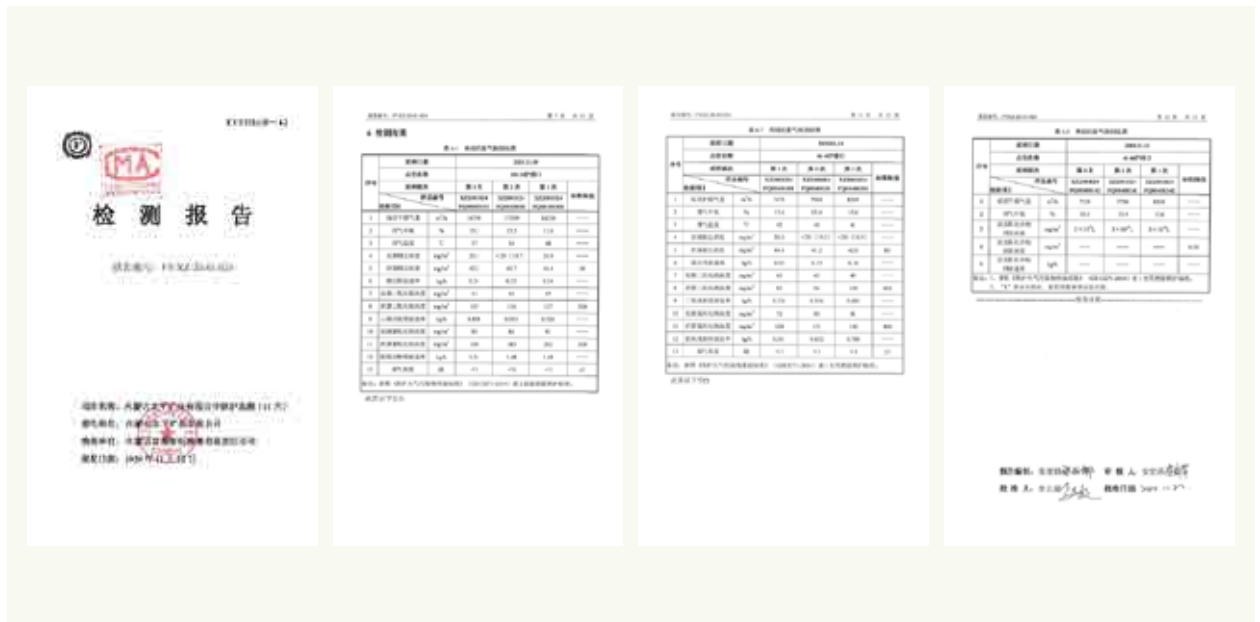


Jiama actively carried out environmental monitoring and all test results reached the standards

Environmental Monitoring Station of Jiama independently monitored water pollution source discharge, surface water and groundwater monthly, and entrusted qualified company to monitor air, water pollutant discharge, surface water, groundwater and soil every quarter, and recorded the results to Maizhokunggar County Ecology and Environment Bureau. According to the requirements, the Jiama entrusted qualified company to monitor radiation equipment and launch personal monitoring, completed the annual radiation monitoring work on time, all of which were reported to the Tibet Autonomous Region Environmental Protection Agency.



Environmental monitoring report of Jiama Mine

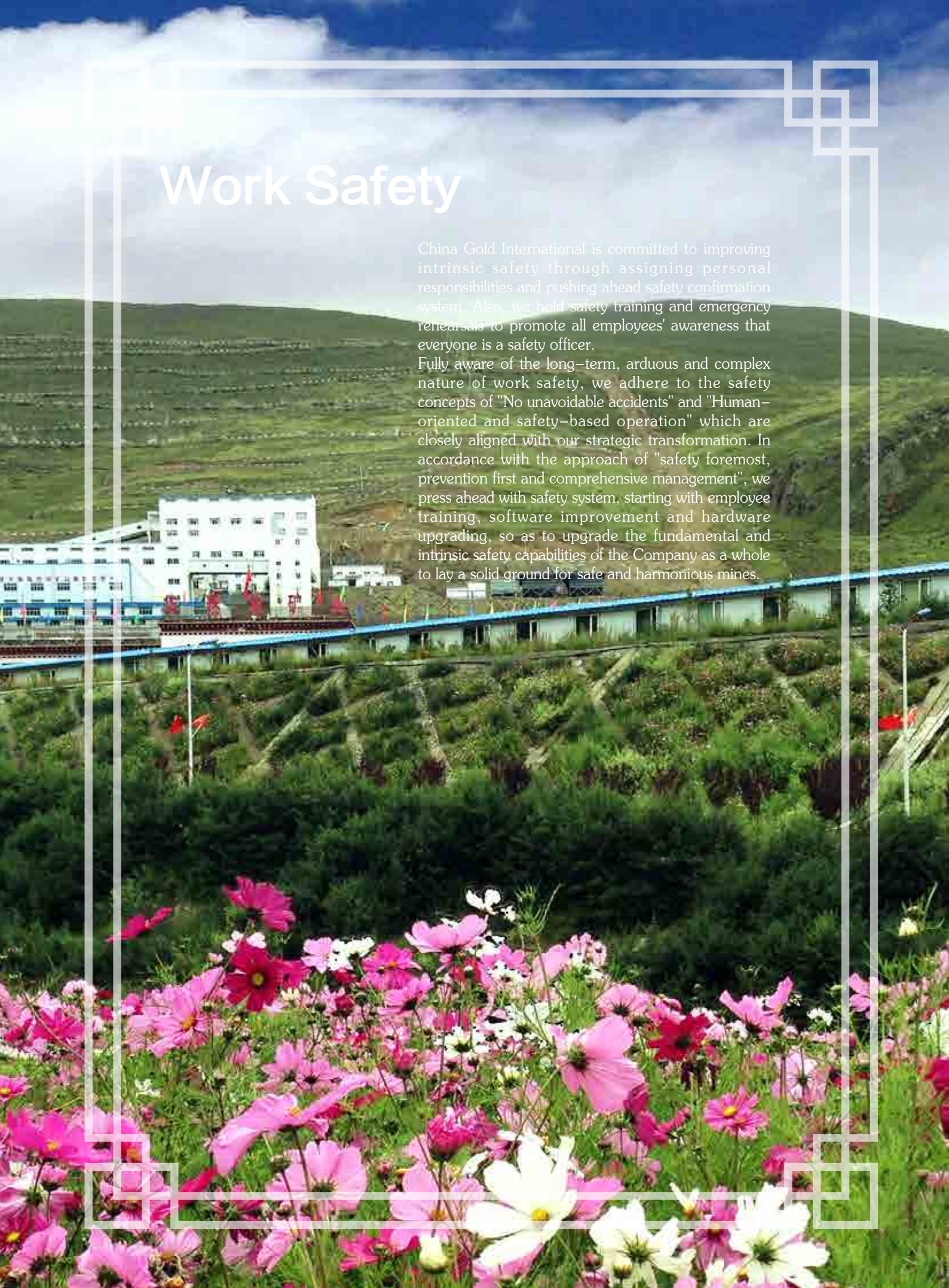


Environmental monitoring report of CSH Mine

Work Safety

China Gold International is committed to improving intrinsic safety through assigning personal responsibilities and pushing ahead safety confirmation system. Also, we hold safety training and emergency rehearsals to promote all employees' awareness that everyone is a safety officer.

Fully aware of the long-term, arduous and complex nature of work safety, we adhere to the safety concepts of "No unavoidable accidents" and "Human-oriented and safety-based operation" which are closely aligned with our strategic transformation. In accordance with the approach of "safety foremost, prevention first and comprehensive management", we press ahead with safety system, starting with employee training, software improvement and hardware upgrading, so as to upgrade the fundamental and intrinsic safety capabilities of the Company as a whole to lay a solid ground for safe and harmonious mines.



In 2020, the Company invested a total of RMB 149.69 million in safety, focusing on onsite management and system construction, to ensure its operation. The Company recorded zero fatality rate for million-ton production, zero major equipment accident rate, zero major fire and explosion accident rate, and zero major traffic accident rate, demonstrating sound performance of safe and stable operations.



Complying with state laws and regulations like Labor Contract Law of the People's Republic of China, Labor Law of the People's Republic of China and Law of the People's Republic of China on the Prevention and Control of Occupational Diseases, and local rules and regulations like Regulations on Work Safety in the Tibet Autonomous Region and Regulations on Urban Workers' Maternity Insurance in the Tibetan Autonomous Region, Jiama Mine achieves compliance operations.



Based on the requirements of the national occupational health, safety and environmental protection laws, regulations, rules and standards, CSH Mine updates and releases in a timely manner every year. Laws, regulations and rules applying to CSH Mine are introduced into the company's rules so that they can be followed effectively in the course of production and operation activities of the company.



Jiama Mine introduced advanced equipment to improve intrinsic safety

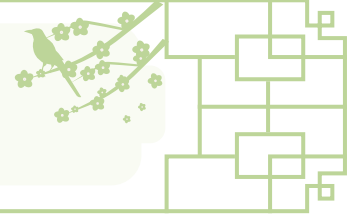
In order to improve work efficiency and intrinsic safety, Jiama purchased Atlas blind patio drilling rig (EaserL), with the fast driving speed of 1 to 3 m/h, large drilling depth of 60 to 75 m up and 200 m down. This machine is easy to operate. Through full mechanization, labor intensity was greatly reduced, and only one main operator and one auxiliary worker were needed in each shift, which reduced the number of personnel by half compared with the traditional work mode, and the operation site is safer, effectively avoiding high-altitude drop, rib spalling, roof falling, noise and dust, mechanical injury and other unexpected safety risks.



Atlas blind patio drilling rig

The adoption of Atlas blind patio drilling rig marked the elimination of the original artificial patio construction technology, making up for the defects of the construction technology of the sky slide well, which reduced the construction difficulties, safety risk and really improved the work efficiency. It really achieved the goal of "mechanization instead of personnel, automation reduced the number of workers", thus realizing intrinsic safety.

The Company has participated in the development of Interim Provisions on Work Safety Accident Accountability of China Gold and has strictly complied with it. And we have established safety system to strengthen management and carry out accountability.



Remuneration-linked

The number of fatal accidents and casualties are linked to performance-based annual bonus of executives of the enterprises.



Administrative penalties

The "veto for one vote" mechanism is adopted for work safety issues, including accidents, non-compliance with laws or regulations or policies on safety production, delay in safety production activities, weak rectification to significant potential safety hazards. For any business unit being a subject of the veto, all its annual general honorary titles and individual awards will be revoked, and the head, dedicated executive, relevant manager and the person with directly responsibility will lose their qualifications for any recognition, selection and promotion in the year.

Throughout its management over safety, the Company always gives the highest priority to major hazard sources, key areas and key processes. Under a strengthened framework, the Company reinforces specific inspections, supervisions and rectifications to preclude any accidents. In 2020, our special equipment inspection rate and qualified rate both reached 100%, sustaining the high level of safe operations.



CSH Mine strengthened the construction of double prevention mechanism for work safety

CSH Mine has further promoted the construction of double prevention mechanism for work safety, and strengthened safety risk classification control and troubleshooting.

CSH identified safety risks and established a list, finally 372 risk points been confirmed. Through LEC evaluation, all risk points were divided into four risk levels, and corresponding control measures were formulated to implement hierarchical control.



CSH established information platform of work safety.

CSH established safety risk announcement system, made four-color map concerning different safety risk, safety risk bulletin board and notification card in each workplace, and clarified the main safety risks in the workplace, categories of potential accidents, accident consequences, control measures, emergency measures and reporting methods, etc., so as to facilitate employees to confirm safety risks at any time and guide employees to operate safely.

CSH set up an information platform of safety production which can present contents of safety risk management and control and troubleshooting in an information-based way in attempt to grasp the dynamic information of safety production in real time, and continuously improve the safety management ability.

CSH strengthened the investigation and management of hidden dangers on the job site. 85 major safety inspections were organized throughout the year, and 424 hidden dangers investigated and managed in total. The rectification was carried out on time.

In 2020, Jiama carried out thorough safety checks for 12 times, and issued 110 notices of rectification of potential hazards, totaling 319 items. Jiama also organized 18 special inspections such as flood control, fire prevention in winter, electricity safety and occupational health, and issued 95 notices of rectifying potential hazards, totaling 221 items. When it came to daily safety checks, the company issued 152 notices of rectifying potential hazards, totaling 312 items.



Jiama organized underground on-site safety inspection.



Jiama conducted vehicle safety inspection.



Jiama conducted monthly safety inspection.



Jiama carried out emergency rehearsal for flood overtopping.

Case

CSH strengthened emergency rescue management

CSH formulated the Emergency Drill Plan in 2020, which was used as a guidance to carry out emergency drills. Eight emergency drills were carried out throughout the year, including objects hitting accident, vehicle injuries, flood disasters, process water leakage in heap leaching sites, limited space accidents, scalding accidents, and special equipment accidents. On-site teaching was performed including the use of heavy chemical protective clothing, cyanide poisoning rescue, cyanide-resistant needle first aid intramuscular injection skills and cardiopulmonary resuscitation skills, which improved employees' perceptual knowledge, emergency awareness, practical skills and emergency response ability of emergency and the emergency management of the company.



CSH carried out first aid training.



CSH conducted emergency drills of limited space accidents.



CSH conducted emergency drills of vehicle accidents.

Management of Hazardous Chemicals

The Company's hazardous chemicals mainly include explosives, sodium cyanide, sulfuric acid, etc. To ensure safety, stringent protective measures are developed in the storage, transportation, application and other processes. As of 2020, the Company recorded zero loss or serious spill accident of explosives and hazardous chemicals.

Case

Jiama Mine strengthened the management of dangerous chemicals

Jiama always attached importance to the management of hazardous chemicals, and required departments and workshops that store, transport or use hazardous chemicals to strictly implement responsibilities of safety supervision, ensuring security responsibility among people and 24-hour supervision. Jiama perfected relevant safety management systems, strictly implementing protective measures and following safety warning signs on site, and prevent irrelevant personnel from approaching or misoperation. Jiama also has done a lot of work in building a sound emergency system including formulating emergency and on-site disposal plans, preparing emergency rescue equipment and materials and carrying out training on hazardous chemicals knowledge and emergency disposal for employees.



Jiama held dangerous chemicals knowledge training.

Safety culture is highly valued in the Company. Through safety education, training and propaganda, we seek to shift the awareness of "safety requirement" to "safety initiative". We take efforts to foster a sound cultural atmosphere featuring "safety production by us", "safety for production and production upon safety" and so on.

Case

Jiama promoted the building of safety culture

Following the safety standard of the China Gold, Jiama has strengthened safety culture construction through mobilizing the employees at all levels to dig out the safety culture background of Jiama for more than 20 years. Jiama has formed the system of safety value by integrating resources, optimizing elements and repeatedly soliciting opinions and reviews. The system is composed of core values, safety vision, safety mission, safety goal, safety commitment, safety oath, decision-making concept, organization concept and management concept. In addition, Jiama also compiled the Interpretation Manual of Safety Concept, held more than 20 special trainings, seminars and cultural activities with various forms and wide participation of employees, established safety cultural corridor, billboards with the content of safety concept, hung banners in the street, posted safety concept propaganda slogans at key areas of the factory, etc., which made employees have a deeper understanding of safety culture, safety awareness, and safety responsibility. The employees are changing from "the company requires me to learn and manage safety" to "I want to be safe and manage safety".



Jiama posted safety slogans at the processing plant.

Case

CSH created safety culture atmosphere

CSH attached importance to the cultivation of safety culture, and formed a strong atmosphere of safety culture. Safety awareness was rooted in the hearts of all employees through the publicity of safety concept, safety laws and regulations, safety knowledge training and competition. CSH has organized all employees and construction team personnel to watch safety warning education films, arranged safety knowledge competitions, examined operation procedures, launched drill emergency drills to further enhance the safety awareness of all employees and created a safety culture atmosphere. CSH has strengthened safety education and training in the form of non-centralized learning ways such as online learning and individual examinations, continuously optimized three levels of safety education, explored how to combine the theory and practice, and further improved the safety operation skills of operators.



Safety publicity activity held by CSH Mine



Safety publicity activity held by Jiama Mine



Jiama held the safety knowledge contest.



Employees from Jiama participated in the annual competition of professional skills of full-time fire brigade from enterprises in Lhasa.



Jiama won the first prize of "Ankang Cup" knowledge contest in Lhasa.



CSH held the safety lecture for employees.

01.Safety Education and Training

The Company proactively carries out safety education and training, conscientiously implementing the Notice on Further Strengthening Work Safety of Enterprises issued by the State Council ([2010] No. 23) and the Provisions on Safety Training of Production Work Units (State Administration of Work Safety, Order No. 3).

The Company and its subsidiaries actively participate in training sessions with regard to managers, safety deputy managers, technicians and mine managers, which are held by China Gold. In 2020, the Company carried out 102 safety education and training sessions, with total participants of 6,597 persons. As of 2020, the safety education and training rate for the Company's employees had been 100%.

	Unit	2020	2019	2018	2017	2016
Number of safety education sessions	Times	102	137	126	89	231
Total training participants	Persons	6,597	9,253	7,901	10,205	14,454
Safety education and training rate for employees	%	100	100	100	100	100



Case CSH held safety education and training

CSH has continuously optimized the "three-level" safety education training system, formulated the Safety Education Training Plan in 2020 and the Three-year Plan for Improving Safety Skills Risk Management and Control Ability, and carried out safety education training 10 times throughout the year, with a total of 2,909 participants. The training was made up of resumption of work training, new employee training, safety skills training, emergency rescue and disposal skills training, safety management training, special operations personnel training, special equipment operators training, which further raised the awareness of the staff.



CSH held safety education and training.



Jiama held safety training for employees from construction company.



Employees' Interests

The talent development concept of "Talents are the primary resource" has been firmly established in the Company. We adhere to the human-oriented philosophy, taking employees' growth, provision of equal development opportunities and mutual growths between employees and the Company as an integral part of our corporate social responsibility. We take efforts in improving talent structure, quality of talent and incentives for talents to build harmonious employment relationship, aiming to build up a professional team of talents with integrity and caliber, reasonable structure, team spirit and aspiration and a high sense of responsibilities.

The Company respect our employees to fully protect employees' interests and provide them a good platform for growth, striving to inspire their enthusiasm and creativity.

Profile of Employees

As of 2020, a total of the Company employees has been 2,080, including 448 female workers and 443 ethnic minority workers. And there are 469 primary, intermediate and senior managements, including 124 female managements. Our employees are from 27 provinces, municipalities and autonomous regions such as Tibet Autonomous Region, Jilin, Henan, Sichuan and Liaoning Province.

Item	2020	2019	2018	2017	2016
Percentage of female employees	21.54%	21%	25%	21%	19%
Percentage of ethnic minority employees	21.3%	21%	26%	22%	21%

The number and the turnover rate of employees at different ages in 2020

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	68	1,100	908	4
The turnover rate of employees	N/A	0.24%	3.41%	2.31%	N/A

The number and the turnover rate of front-line and support employees in 2020

	Front-line employees		Support employees	
	Male	Female	Male	Female
The number of employees	916	202	206	128
The turnover rate of employees	3.07%	0.14%	0.48%	0.53%

Employees birthplace and turnover rate in 2020

Item	Tibet	Jilin	Inner Mongolia	Henan	Liaoning	Others
The number of employees	362	387	287	235	154	641
The turnover rate of employee	0.29%	0.77%	1.63%	0.24%	0.77%	2.31%

Protection of Employees' Interests

In strict compliance with national labor laws and regulations, we adhere to business ethics to strengthen the management on employment contracts, constantly improve the employment system, and pay full attention to employees' right to know, so as to protect their legitimate rights and interests. In 2020, both the employment contract signing ratio and the social insurance coverage ratio of the Company reached 100%.

Based on the principle of respect for employees, we attach importance to protecting employees' private information. Therefore, we have established regulations on information security and file management, and arranged specially-assigned person to management these files. Those who disclose others' privacy and cause consequences will be held accountable by law.

We adhere to equal pay for equal work to men and women, decent work, non-discrimination on race, gender, age or any other factors, prohibition of child labor, and fighting against forced labor. We give full play to the role of employees in democratic management and supervision, setting up labor unions at all levels under the primary democracy system including employee representative conference and transparency of plant affairs. Thus, we have built up sound democracy organizations, with various forms for transparency of plant affairs as well as smooth channels for reasonable proposals. The labor unions at all levels vigorously stage employee democratic participation and democratic management activities to seek real benefits for employees.

In strict compliance with employee recruitment procedures, we carefully checked the identity of new employees, organized physical examination and carried out pre-service training. And we filled in employee resumes and signed labor contracts with them in accordance with the Labor Contract Law. Abiding by provisions of the state regarding working hours, rest and vacation, we prepare the centralized leave or regular leave system and practiced annual vacation with pay. No misuse of child labor or forced labor had appeared. We would immediately stop their work in case of child labor events and send them to a hospital for medical examination to ensure that their health is not affected. And we would send them home with adequate salary, guaranteeing that they live with their guardians. By investigating the events seriously, we would punish negligent persons in accordance with relevant regulations to prevent the recurrence of similar incidents.

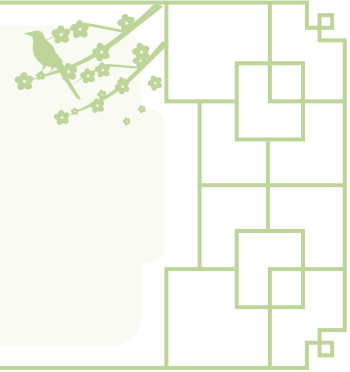


Workers' representatives of CSH signed Collective Wage Contracts with enterprise representatives to protect labors' interests.



CSH won National Advanced Company for Democratic Management of Factory Affairs. Jiama held the eighth meeting of the third Workers' Congress.

We treat new and old employees in an equal manner in light of the process of "recruitment, training, selection, incentives, fostering, and promotion". We seek to improve the staff's caliber through multidimensional and multilevel training, provide them equal career opportunities and diversified career paths under a well-established talent identification and appointment mechanism, and increase their sense of belonging and cohesion through improving corporate culture development, with an aim at mutual growths between the Company and its employees.



01. Recruitment

Under a recruitment model of "unified platform, rational authorization, tiered management", we adhere to the open recruitment principle to provide equal opportunities for all candidates. In 2020, 137 persons were recruited by the Company through social recruitment, including 30 fresh graduates and 107 experienced hires.

02. Training for employees

With the concept of "Train to improve the quality for development", the Company has established a clearly structured and categorized training system supported by competent instructors and effective contents, to proceed with the quality enhancement program for the staff.

In view of the remoteness of the enterprise, the Company, cooperated with Party schools, talent training base and partners of China Gold, has established talent training system with effective coordination at different levels and clear division of labour through gold lectures and evening school for employees. In 2020, the Company provided training to 3,781 employees in total.



For business and management personnel We established the training development mechanism based on the competency model and covering three levels namely leaders, senior executives and reserve talent, while encouraging the executives of regional subsidiaries to participate in training in rotation.



For technical professionals We focused on improving business capabilities and comprehensive quality of key technical professionals mainly in ecology, survey, mining and processing.



For skilled workers in production We proactively carried out pre-service training for skilled workers in newly constructed projects, certification of professional skill levels and rotated training for team and group heads, thus effectively uplifting the overall quality and capability of employees.



CSH held training for enhancing shift leader ability.



CSH held training for enhancing technical personnel ability.

Employees training at different ranks in 2020

Item	Male employee			Female employee	
	Senior management	Middle management	Others	Middle management	Others
Training ratio (attendance/annual attendance)	7.75%	64.58%	27.67%	5.9%	94.1%
Average training hours	30	41.5	25	41.5	25

03. Incentive and restraint mechanism

With a commitment to corporate performance improvement and strategy fulfillment, the Company vigorously presses ahead with performance assessment activities under an assessment framework based on the Management Requirements on Performance of Employees. The performance assessment activities were carried out to inspire employees' enthusiasm to plan, act and succeed. In light of its features and helping employees grow their potential, the Company grades the posts in accordance with the management, technical professional and worker, and formulate remuneration system, defines employee promotion channel so as to motivate the morale and achieve the harmony between the Company and employees. The Company carries out professional title appraisals every year. In 2020, 26 employees received professional titles at various levels.

Data sheet of professional title appraisals

Year	Engineering series			Social series			Political series		
	Senior	Intermediate	Primary	Senior	Intermediate	Primary	Senior	Intermediate	Primary
2020	7	18	0	0	0	0	0	1	0
2019	10	38	25	1	6	9	1	2	2
2018	8	26	28	1	4	9	0	3	6
2017	-3	26	21	0	8	5	1	0	2
2016	16	45	42	2	2	-4	0	3	-1

04. Caring for employees

We highly value and care for our employees, especially female, young and retired employees, and actively help the employees in need to overcome difficulties. In Spring Festival holidays each year, we pay wish visits and provide assistance to employees in need, to help them pull through the difficulties. Meanwhile, the Company keeps a close eye on the growth of youth employees, pressing on the training to them and seeking to provide them a development platform and growth potential.



CSH extended condolences to employees in difficulties during the Spring Festival.



On the occasion of the Sho Dun Festival, Jiana extended condolences to frontline cadres.



CSH carried out health knowledge lecture on "caring for women and preventing cervical cancer and breast cancer".

05.Promoting corporate culture

The Company actively carried out positive, healthy, entertaining and educational cultural activities to promote corporate culture, which enriched employees' cultural life and enhanced the cohesion across the Company.



CSH organized the 8th Staff Volleyball Competition.



CSH organized walking competition.



Jiama organized the 9th "Huatailong Cup" staff basketball game.



Jiama organized the third "Huatailong Cup" football match.



The staff were reading in the library of Jiama.



CSH organized the third Employee E-sports Competition.

In light of the firmly established concept of "human-oriented", the Company incorporates the aims to protect employees' health with sound occupational health supports and to pursue sustainable corporate development. As of 2020, the Company recorded zero occupational disease case, a good track record of no additional occupational disease cases since its establishment.

01.Occupational health management

Occupational safety and health work is included into the production and operation of subsidiaries, where targets and measures are defined including appointing a dedicated executive responsible for their respective efforts in occupational safety and health. Dedicated management functions with professional management personnel are established to, with reference to actual conditions of each enterprise, reinforce the monitoring, inspection and supervision on occupational hazards of the workplace, in order to effectively prevent and reduce occupational hazards. With the gradually increasing insurance coverage, improving working environment and sound labor protection, the enterprises carried out prevention of occupational diseases, health care, inspection and treatment activities under the fortified organization and leadership for employees' safety and health.

02.Physical examination and health records

Spiritual needs and mental health of employees should be a focus for enterprises and the society as well. The Company vigorously popularizes the knowledge of mental health, with smooth information channels to keep informed of the expectations and dynamics of employees. The psychological team provides mental health counseling to relevant employees in a timely manner, and helps them to adjust their ideas and enhance their mental regulation ability, which mirrors our human-oriented caring and satisfies the multilevel needs of employees. According to its industry characteristics, the Company arranges regular physical examinations and has established health records for employees. The Company's annual physical examination and health record coverage rate is 100%.



Figure 1: CSH organized the breast cancer and cervical cancer screening for female employees.



Figure 2: Jiama invited Zhang Xu, an expert in the Tibet Military Hospital, to give lectures on cardiovascular disease knowledge and hold free clinic activities.



Figure 3: Jiama organized occupational disease prevention publicity activity for employees.



Figure 4: CSH organized presentation of Staff Medical Mutual Assistance.



Jiama paid high attention to the physical examination for all staff

Due to the lack of oxygen in the Plateau, the staff have been keeping their spirit high. And the physical examination of employees has always been a top priority of the Party Committee of the Jiama. In 2020, a total of over RMB 2 million yuan was invested in the staffs' physical examination which the staff can do in the Fukang Physical Examination Hospital to ensure the health of all personnel of the company. Jiama made great efforts in organizing physical examination including systematical arrangement of the physical examination schedule, taking notice to the staff about the precautions, and appointing responsible person to take charge of the physical examination in the whole process. After the physical examination, a comprehensive health assessment report was provided for each employee to save and know their own health. Jiama has established employee health records to better track the physical health status, so that employees can know their health in time and achieve "early prevention, early discovery and early treatment".



Jiama provided physical examination for all staff.

03.Labor protection

The Company has established standard safety management systems, including the management system for labor protection supplies. The subsidiaries are required to follow such rules to provide all workers with work conditions and strict labor protection measures in accordance with national standards. The subsidiaries provide workers with labor protection supplies in strict compliance with the management system for their distribution and use, while superintending and instructing the workers for proper use.

Jiama strictly checked the access of labor protection articles from the source, and formulated the Management System for Distribution of Labor Protection Supplies and Standards for Distribution of Personnel Labor Protection Supplies for employees to avoid the risk of occupational diseases caused by unqualified products purchased by enterprises. All employees have been equipped with labor protection articles and supervised to wear correctly during working. The company has also strengthened the inspection and management of occupational disease prevention facilities in the workplace, ensuring proper operation of the protective facilities.

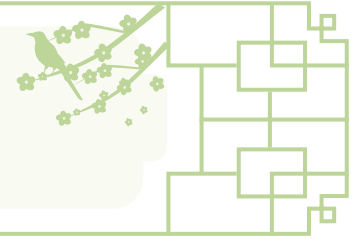
Technological Innovation

Adhering to the concepts of "Science and technology are primary productive forces" and "Leveraging the leading technologies to serve the country", the Company actively participates in the national researches on the difficulties in processing and refining of gold and complex polymetallic ore. The Company actively makes industrialization attempts to secure its leading position in tackling technical difficulties in processing and refining low-grade gold ore, which helps to increase the utilization efficiency of gold and nonferrous resources.



Investment in Technological Innovation

In 2020, China Gold International Resources Corp. Ltd. actively declared all kinds of science and technology awards, including 14 honors and 9 newly-obtained patents, which laid a technological foundation for sound and rapid corporate development.

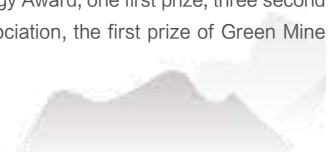


CSH Mine continuously raised intellectual property protection awareness and increased its IP filings. By the end of 2020, CSH had obtained 20 authorized patents, including 2 invention patents and 18 utility model patents; In addition, there is one invention patent at the substantive examination stage, one invention patent at the application stage and 15 utility model patents. CSH has an enterprise technology center and an enterprise R&D center of the Inner Mongolia Autonomous Region. In 2020, the laboratory of CSH passed the CNAS supervision and examination.

By the end of 2020, Jiama has applied for 51 patents, including 23 invention patents; 26 authorized patents have been obtained, including 4 invention patents; In 2020, Jiama applied for 3 patents and obtained 9 authorized patents which was applied in previous years and authorized in 2020, including 1 invention patent. A total of 248 scientific papers have been published by the scientific and technical personnel of Jiama, among which 38 scientific papers were published in 2020.

Jiama participated in the formulation of four national standards, and implemented two standards in 2020, namely "Information technology—Industrial cloud service—Capabilities general requirements" GB/T 37724-2019, "Information technology—Industrial cloud—Reference model" GB/T 37700-2019, and another one National Standard "Guidelines for Cloud Service Agreement of Information Technology Industry" is being approved, and one national standard, Cloud Service Capability Evaluation Specification for Intelligent Manufacturing Industry is being drafted.

In 2020, Jiama won one third prize of Tibet Autonomous Region Science and Technology Award, one first prize, three second prizes and three third prizes of Science and Technology Award of China Gold Association, the first prize of Green Mine Science and Technology Award.



Achievements in Technological Innovation

Since mineral resources are always the most important resources for China Gold International, it has attached great importance to overall development and utilization of mineral resources for a long time, with efforts devoted to comprehensive exploration, evaluation and utilization in Jiama Mine and CSH Mine.

In 2020, the industrial standard of Technical Specifications for Leaching Gold from Buried Pipes and Dropping Leaching Heap (Plan No. 2020-1571T-YS) proposed by CSH Mine was approved by the Ministry of Industry and Information Technology in the notice of the third batch of industrial standard revision project plan in 2020. It was planned to complete the examination and approval of this industry standard in 2021. The formulation of this standard reflected the advanced technical level of CSH, and played an important role in promoting new technologies and processes in the gold industry and leading the development of the gold industry.





CSH Mine optimized heap leaching process

In 2020, CSH Mine created the "effective drop leaching method" through repeated experiments, making sure the ore dripped for 3 to 4 months was no longer added with sodium cyanide. The dripping time of ore in section 2B was more than 4 months, so only using process solution without sodium cyanide to make the dripping area of sodium cyanide reduce from the original 700,000 square meters to about 200,000 square meters, which did not affect the gold production. 12,322.2 tons of liquid sodium cyanide were saved, equivalent to RMB 37.582 million.



Heap leaching yard of CSH Mine



CSH Mine exploited and utilized deep resources

In 2020, in order to sustain mines and promote the development and utilization for deep resources, and extend the production service period, CSH Mine found out the geological characteristics of exploitation rights of minerals in the deep in detail, carried out encrypted exploration in first mining area, improved the resource reserves category and expanded the resource reserves for key minerals; CSH is working on the economic evaluation on the mineral deposit and exploration report, so as to provide geological basis for deep exploration to mining and natural caving mining. To ensure that the deep exploration project was completed on schedule with good quality and quantity, Beijing Jinyou Geological Exploration Co., Ltd. undertook technical services, China National Gold Group Geological Exploration Co., Ltd. was the third-party supervision unit, and CSH was in charge of conducting overall coordination of production and drilling. CSH hired the geological engineer of Golderchina Company to give systematic international engineering geological logging guidance to the on-site geological logging technicians, ensuring the construction progress and engineering quality. A total drilling footage of 19,529 meters with 30 holes was completed throughout the year, with an investment of about RMB 13.0688 million.



CSH Mine launched the project of exploiting deep resources.

01. Construction of Digital Mine



Jiama upgraded the "Six Systems"

In order to improve safety production capacity, Jiama constantly improved the construction of underground "six systems" in accordance with the national requirements for establishing and perfecting the "six systems" of safety and safety avoidance in coal mines and non-coal mines. Jiama actively performed the main responsibility of the "six systems" of the safety avoidance, strictly checked design, construction and acceptance, and scientifically organized construction to ensure the quality of construction projects. On April 25, 2020, the underground "Six Systems" after the transformation and upgrading of Jiama were put into trial operation. In addition to upgrading the underground system, the new system also added a wellhead security inspection system, including iris recognition technology, location card identification, alcohol detection, which marked another solid step in the construction of digital mine.



Integrated security inspection system for iris at Jiama's wellhead



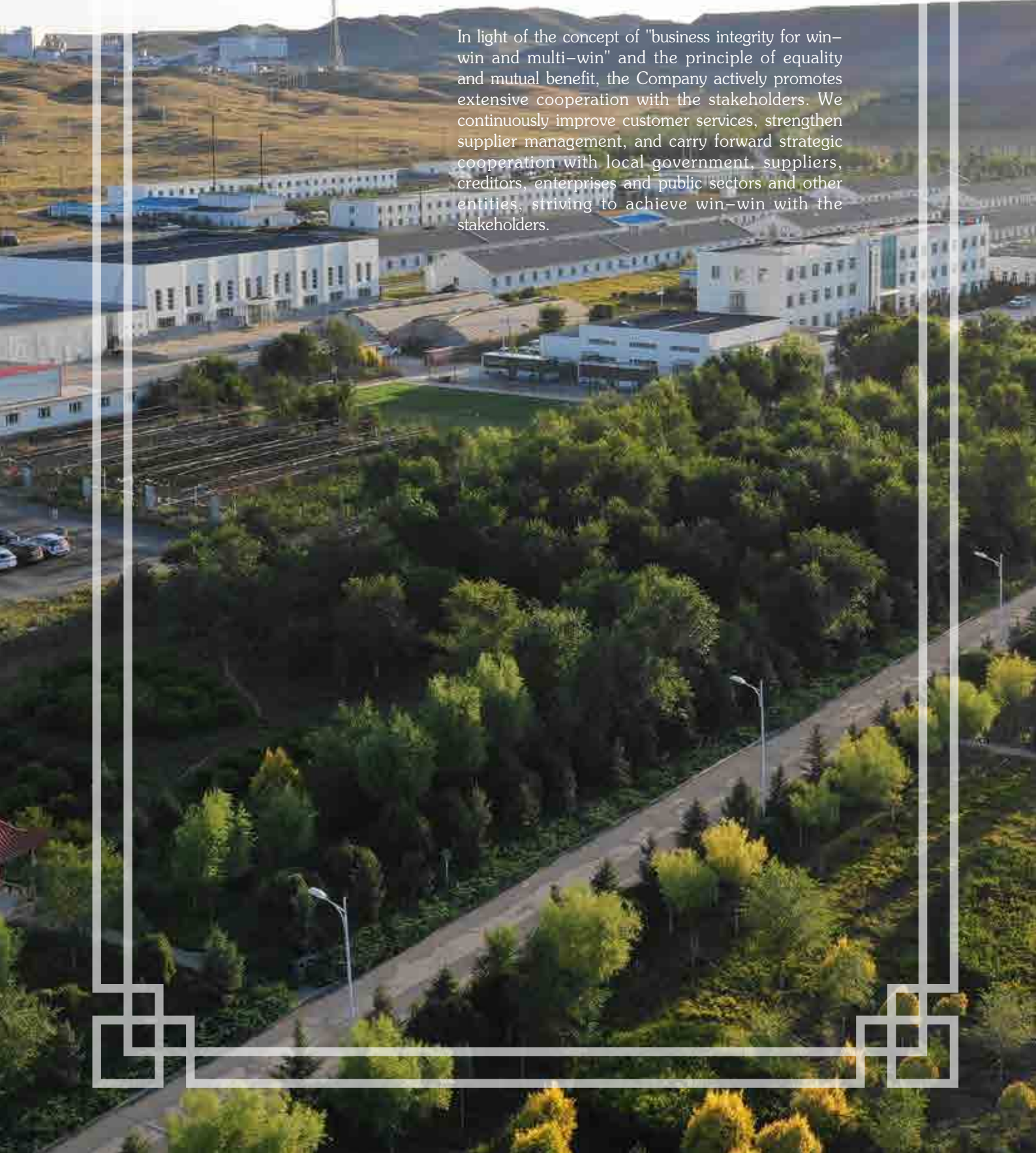
Jiama started the unmanned system of rail cars

According to the requirements of "mechanization instead of personnel, automation reduced the number of workers" by China Gold, Jiama started the unmanned project of underground rail transportation with a distance of 4,450 meters in 2020, with the aim of facilitating the overall management of underground transportation system to reduce the number of underground operators in rail transportation, transportation costs and improve the level of intrinsic safety. As an unmanned intelligent system of underground mine railcar with the highest altitude in the world and one of the leading and exemplary intelligent mining systems with high altitude and cold, it not only saved labor costs, but also produced certain social effects, realizing a qualitative change from underground to surface remote operation, achieving the intrinsic safety of underground mines, and the purpose of securing the border and stabilizing the storage and benefiting the local area. It has been affirmed by the China Gold, Tibet Autonomous Region Industry and Information Technology Department and the local government.

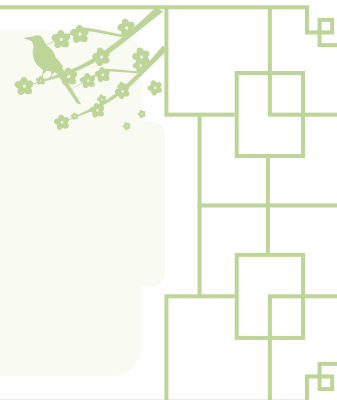


Harmony and Win-win

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.



According to the applicable listing rules and its Articles, the Company has established a company governance structure comprising general meeting, the Board and its special committees and senior management which fulfill their respective duties in rational operations. 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 2020, the Company held four Board meetings, five 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

Attendance by the directors at the Board and Board committee meetings in 2020 was as follows:

Attendance	Board	Audit Committee	Nominating and Corporate Governance Committee	Compensation and Benefits Committee	Health, Safety and Environmental Committee	2020 Annual and Special Meeting	Committees (total)	Overall Attendance
Jiang Liangyou	4/4	N/A	N/A	N/A	N/A	0/1	N/A	80%
Guan Shiliang	3/4	N/A	N/A	N/A	4/4	0/1	4/4	78%
Zhang Weibin	2/2	N/A	N/A	N/A	N/A	N/A	N/A	100%
Tian Na	2/2	N/A	N/A	N/A	N/A	N/A	N/A	100%
Tong Junhu	2/2	N/A	0/1	N/A	N/A	N/A	0/1	67%
Ian He	4/4	5/5	2/2	1/1	4/4	1/1	12/12	100%
Shao Wei	4/4	5/5	2/2	1/1	4/4	1/1	12/12	100%
Shi Bielin	4/4	5/5	2/2	1/1	4/4	0/1	12/12	94%
Han Ruixia	4/4	5/5	2/2	1/1	4/4	0/1	12/12	94%

Note: Mr. Zhang, Ms. Tian and Mr. Tong were elected as directors on June 25, 2020.

In strict compliance with the national policies and laws and the local government requirements in its operations, the Company pushes on anti-corruption education and the audit and supervision to ensure healthy and smooth production and business activities.

01.Contract management

Contracts of 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 2020, the headquarters recorded a 100% contract execution rate, and the subsidiaries also recorded a 100% major contract execution rate.

100%

02.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.

03.Internal audit

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 2020, the Company has prepared internal audit reports for thirteen years in a row, all indicating that there is no weakness in all material aspects.



Jiama held training for Party members and applicants for Party Membership.

04. Anti-corruption and anti-commercial bribery

In pursuing reform and development, the Company has been focusing on operation that complies with laws and regulations. Guided by the principle of governing comprehensively, balancing punishment and prevention and valuing education, the company builds an anti-corruption system of "cannot corrupt, dare not corrupt, and do not want to corrupt" and constantly strengthens anti-corruption and anti-commercial bribery. According to laws and regulations, such as the current Hong Kong Company Ordinance, Hong Kong Prevention of Bribery Ordinance, Canada's Foreign Public Officials Corrupt Practices Act and United States Foreign Corrupt Practices of 1997, and international rules, such as United Nations Anti-Corruption Convention and World Bank Group Integrity Compliance Guidelines, the Company strictly implements internal control procedures and internal regulations and establish sound systems such as assignment evasion, regular rotation and accountability, laying a solid foundation for anti-corruption work on institutional level.

The Company steps up supervision over anti-corruption, unblocked reporting channels and implemented centralized management of problems and clues. It also effectively integrates cross-departmental and cross-disciplinary supervision forces. As a result, the Company builds a supervisory mechanism featuring efficient communication and rapid fruits-sharing. Having "zero tolerance" for its employees' corruption and bribery acts, the Company systematically screens the areas susceptible to corruption and bribery acts and carries out key supervision and inspection in these areas. We strictly investigate and quickly handle all kinds of corruption and bribery cases and carry out clue verification, review and investigation, and case review in accordance with regulations. We also strictly punish those who violates the rules and disciplines and hand over those who violated the law to the judicial authority.

The Company continues to strengthen the education of honesty and practice in working and enhance the staff's awareness of integrity and ability to resist corruption and decadence through centralized training, dispersed learning, case reports, and talks. The Company organizes all employees to sign the professional code of ethics, code of conduct and clearance agreement of trading policy each year. It also advocates the building of a clean culture of observing laws and disciplines and a sound business climate.

In 2020, there existed no legal cases regarding corrupt practices among employees.

Probity and self-disciplined education



Provide the training on compliance of listed companies for the Company's directors and senior management; provide the training on internal control mechanism at various levels.



Conduct the education on compliance, focusing on probity of key personnel in charge of human, financial and physical resources.



Promote the construction of a probity culture across enterprises.



CSH Mine held meeting for building Party conduct and upholding integrity in the year of 2020.



Jiama Mine held meeting for building Party conduct and upholding integrity in the year of 2020.

01. 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 of information disclosure on capital market.

In 2020, 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 takes initiatives to publish announcements and press releases in 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 2020, the Company issued a total of 96 announcements and press releases (in both English and Chinese language).



Cover of 2010-2019 Annual Report



02. Communications & Liaison

The Company kept active and candid communications on an ongoing basis in 2020 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.

03. Dividend policy

The Company does not have a fixed dividend policy. The directors will determine future dividend policy based on, among other things, the results of operations, cash flows and financial conditions, operating and capital requirements, 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 2020, the Company declared a special dividend of USD 47.57 million 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.

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 2020, sales revenue from the top five customers of the Company totaled USD 807 million, accounting for 93.4% of the total revenue.

The Company chooses suppliers through public bidding. In 2020, there were 133 suppliers selected by public bidding, by and large distributed in 22 provinces, municipalities and autonomous regions of China, such as Inner Mongolia Autonomous Region, Hebei and Sichuan Province.

Suppliers through public bidding in 2020					
Item	Tibet	Sichuan	Inner Mongolia	Others	In total
Number	25	9	19	80	133

01. Management mechanism for suppliers

-  The Company encourages suppliers to improve their responsibility performance by cooperating with excellent suppliers instead of those that do not meet our CSR standards.
-  Before cooperation, we examine the suppliers' compliance with local labor laws and regulations, as well as SA8000 standard. With regard to non-compliance, we require suppliers to correct within time limit. Otherwise, those suppliers have to submit bids.
-  We 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.
-  Suppliers who have passed the on-site audit are included in the CSR Qualified Supplier List and be given incentives. 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 2020 amounted to RMB 852 million, of which RMB 82 million or 9.62% was procurement under social responsibility.

CSH Mine's total procurement of materials in 2020 amounted to RMB 221 million, and more than 90 suppliers were chosen through public bidding, negotiation, and price inquiries, of which were 50 or 93% were local suppliers. The proportion of suppliers with the ISO9001 system certification was 11%.

02.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.

In line with the relevant regulations on material procurement of the China Gold, Jiama gave full play to local procurement to purchase material. In 2020, Jiama spent RMB 31 million in procuring 46,000 tons of lime from Jiama Township Lime Factory (a local poverty alleviation enterprise), which saved about RMB 20 million. This procurement not only solved the sales problem of Jiama Lime Factory, but also reduced the cost of Jiama, which achieved the win-win development.

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 2020 the debt repayable to the top five creditors accounted for 13.72% 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.

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.

Community Welfare

With a commitment to "Harmonious mutual development to benefit the local community", we extend active presence in public welfare undertakings, advocate integrity and impartiality by own actions and root ourselves in the masses for return to the community and the benefit of our offspring, aiming at harmonious development with multi-win among employees, the enterprises and the society. In recent years, the Company joined the efforts of local governments for mutual development, actively participating in public welfare undertakings including local economic development, construction of new pastoral areas, environmental improvement, drought relief, poverty-relief assistance, 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. In 2020, the Company donated a total of RMB 720,000, mainly for supporting local infrastructure, helping impoverished families and students and other programs. In 2020, the Company offered assistance to 1,089 persons from impoverished families and students.



Jiama organized public figures to support students.



CSH visited local herders.



CSH donated 100,000 kilos of corn feed to

Case

Jiama Mine provided assistance to aid for education.

Jiama actively fulfilled its social responsibilities, carried out the love-offering activity, and donated 932 sets of school uniforms (valued RMB 70,000) to five schools, including Wanquan primary school in Cuobuxi Township of Shigatse Prefecture, Sibu village kindergarten in Trashigang Township, Jiama central primary school, where village-based work team of the Company stayed.





local herders.



CSH organized Party members to make voluntary donations for Covid-19 epidemic prevention and control.



Jiama organized employees to donate for Covid-19 epidemic prevention and control.

02. Fueling the community development

The Company adheres to the win-win concept for the enterprise and the local society, considering local interests when developing its mines and supporting local economic and social development in terms of environmental protection, employment, taxation. In 2020, the Company paid RMB 484 million in tax.



Case CSH boosted local consumption actively

In accordance with the Notice of Inner Mongolia Federation of Trade Unions Office on Encouraging Employees to Actively Involve in Boosting Consumption, CSH issued special welfare vouchers during the Covid-19 epidemic breakout to all employees at a standard of RMB 500 per person, with the amount of more than RMB 250,000. In addition, CSH also purchased beef, mutton, agricultural products and enterprise products affected by the epidemic, totaling cost reaching more than RMB 160,000, fully supporting local industries to resume production, boosting consumption for the whole society and promoting economic development with practical actions.



CSH Mine offered shopping coupons to all employees.

02. Employment localization

The Company has recruited and arranged employment for a lot of local labor in Inner Mongolia Autonomous Region and Tibet Autonomous Region, which actively supports and promotes local economy. As of 2020, ethnic minority employees accounted for 10.18% and 25.6% respectively in the CSH Mine and Jiama Mine.

Ethnic minority employees in Jiama and CSH from 2016 to 2020					
Year	2020	2019	2018	2017	2016
Jiama	386	385	377	346	283
CSH	57	55	58	68	72

Adhering to the concept of employment localization, all departments and construction unit of Jiama Mine recruited local people as far as possible. The labor and security department, besides helping HR department employ local villagers, recorded the information on local employment by the company and construction unit monthly. In 2020, 1,380 local temporary labors were employed and a total of more than RMB 367,500 were paid.

03. Taking targeted measures to help people lift themselves out of poverty

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 adopted the strategy of industry-driven business to shake off poverty 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.



Jiama held the 12th ceremony of dividend distribution for targeted poverty alleviation

Jiama made great efforts to help people increase confidence in their own ability to lift them out of poverty and see that they can access the education they need to do so. In order to promote the economic development of Jiama township, the company has launched an "enterprise plus farmer" model, partnering with Jiama Economic Cooperatives, Maizhokunggar County, to found Jiama Industry and Trade Co., Ltd. together, which fully undertook the business of mine transportation, greening and environmental protection, labor contracting, etc., and innovated the operation mode of poverty alleviation in plateau minority areas. In 2020, Jiama shared RMB 2,677,800 to the people of Jiama Economic Cooperatives, with a total of sharing about RMB 19.92 million for 12 times. Driven by Jiama Mine, Jiama Industry and Trade Co., Ltd has developed for more than ten years and the model of tripartite win that develops enterprise,



The 12th ceremony of dividend distribution of Jiama Industry and Trade Co., Ltd.

drives local economy and benefits people has been further promoted, which has made outstanding contributions to the economic growth of Jiama Township and Lhasa and the economic development of Tibet Autonomous Region, setting a good example for national unity, harmony and stability, and leading farmers and herdsmen in Jiama Township to the path to the well-off society.



Jiama paid visits to villagers.



The staying-at-village work team of Jiama helped local villagers move their house.



The staying-at-village work team of Jiama checked the housing security of local villagers.



The staying-at-village work team of Jiama communicated epidemic prevention knowledge to villagers.



Jiama organized employees for formation of land.



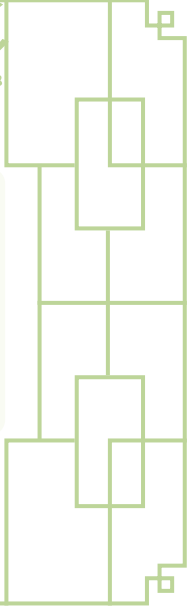
CSH won the honor banner for poverty alleviation work.

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; therefore, it has built a favorable image for the Chinese companies in the field of global mining industry.



The Company actively integrated into overseas markets

For many years, China Gold International, as an overseas platform of China Gold in Canada, has been an important part of the Company's work in fulfilling its social responsibilities. Every year, we get good market results and social effects with the least cost, and set up a positive image of Chinese gold actively fulfilling its social responsibility and giving back to the society in Canadian and international gold industry.

Since 2012, the Company has supported cancer prevention research in Canada. In 2017, without increasing the budget, the Company gradually combined social responsibility work with the Company's main business, and established cooperation with Canadian mining research institutions and the mining department of UBC University to support mining environmental protection research projects. This not only broadened the scope of work related to corporate social responsibility, but also enhanced the influence of the Company in the mining industry and academia, which has become a bright spot widely recognized by Canadian and overseas peers in the course of the development.

Through the cooperation with Mining professors from the UBC university and his research team in recent years, we were currently focusing on the following mine environmental projects:

Utilization of Cyanogenic Plants to Extract Gold

This project was led by Professor Marcello Veiga, a senior professor of mining department of UBC University, together with his research team. Professor Veiga served as the Chief Technology Officer of the Global Mercury Project of the United Nations Industrial Development Organization (UNIDO). Now, he is the chief technical adviser of UNIDO. For many years, he has devoted himself to studying the impact of mining development on the community, which has aroused great concern of governments and all sectors of society on mineral exploitation and community environmental protection. This project is the starting point for seeking wider cooperation in the mining field in the future. His influence on the academic circles of the world mining industry will also have a positive impact on the future development of our Company. The research project was planned to last for three years, and the annual research funding is C\$10,000.

Arsenic Release from Arsenic-Bearing Minerals

Liu Wenyong, professor of Mining Department of University of British Columbia, was in charge of the project with the research team led by her, and this project was jointly funded by relevant government research funds. Last year, China Gold funded the project and it made phased progress. The scientific research results were publicly announced at the annual meeting of Canadian Federal Ministry of Science and Technology and the annual scientific research conference in Ottawa, contributed to a wider reputation of China Gold in Canadian academic circles. The research funding of this project was planned to last for three years, with an annual cost of C\$15,000.

Health Project for the First Nations of Canada

This project supported by the Company combined the budget of cancer research and development with the popular community issues of the first nations. The person in charge of the project is a famous medical professor Grant Stewart who is known for the contemporary image of Bethune. This project will become a social welfare project supported and concerned by aborigine community, Canadian medical community and federal government. The program was planned to last for three years, with a budget of C\$5,000 per year.

When operating in the overseas market, the Company has unwaveringly followed the China Gold to do the work with social responsibility, closely combined the Company's development with the community harmony. Under the guidance of obtaining enormous social benefits with minimum cost, the Company will continue perform work with social responsibility. Since 2012, we have earned strong support, wide recognition and high praise from Canadian political, business, academic and financial circles as well as mining peers and the media through the work of fulfilling social responsibilities every year, and created a favourable image and reputation for the Company.





Appendix I

Supporting Sustainable Development Goals of the United Nations	
Sustainable Development Goals	Framework for Action
Goal1: End poverty in all its forms everywhere	Actively employ local ethnic minorities where mines operate to alleviate local surplus labor, which solved the poverty problems from the root. Send our stay-at-village team to lift out poverty and provide assistance to the villages.
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. Organize greenhouse vegetables project, 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: 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.
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.



Supporting Sustainable Development Goals of the United Nations

Sustainable Development Goals	Framework for Action
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.
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.
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

ESG Reporting Guide Content Index			
Subject Area	Aspects	KPI	Disclosure level
A. Environmental	A1: Emissions	General Disclosure: relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste. Information on:	Reported
		(a) the policies; and	Reported
		(b) compliance with relevant laws and regulations that have a significant impact on the issuer	Reported
		A1.1 The types of emissions and respective emissions data.	Reported
		A1.2 Greenhouse gas emissions in total (in tons) and, where appropriate, intensity (e.g. per unit of production volume, per facility)	Reported
		A1.3 Total hazardous waste produced (in tons) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Reported
		A1.4 Total non-hazardous waste produced (in tons) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Reported
	A1.5 Description of measures to mitigate emissions and results achieved	Reported	
	A1.6 Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved.	Reported	
	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 initiatives and results achieved.	Reported
		A2.4 Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved.	Reported
	A3: The Environmental and Natural Resources	A2.5 Total packaging material used for finished products (in tons) and, if applicable, with reference to per unit produced.	Inapplicable
General Disclosure: Policies on minimizing the issuer's significant impact 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	
B. Social	B1 Employment and Labor Practices	General Disclosure: relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare. Information on:	Reported
		(a)the policies; and	Reported
		(b)compliance with relevant laws and regulations that have a significant impact on the issuer	Reported
		B1.1 Total workforce by gender, employment type, age group and geographical region.	Reported
		B1.2 Employee turnover rate by gender, age group and geographical region.	Reported
	B2 Health and Safety	General Disclosure: relating to providing a safe working environmental and protecting employees from occupational hazards. Information on:	Reported
		(a)the policies; and	Reported
		(b)compliance with relevant laws and regulations that have a significant impact on the issuer	Reported
		B2.1 Number and rate of work-related fatalities.	Reported
		B2.2 Lost days due to work injury.	Reported
	B2.3 Description of occupational health and safety measures adopted, how they are implemented and monitored.	Reported	



ESG Reporting Guide Content Index

Subject Area	Aspects	KPI	Disclosure level
B. Social	B3 Development and Training	General Disclosure: Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. Information on:	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
	B4 Labor Standards	General disclosure: relating to preventing child and forced labor. Information on:	Reported
		(a) the policies; and	Reported
		(b) compliance with relevant laws and regulations that have a significant impact on the issuer	Reported
		B4.1 Description of measures to review employment practices to avoid child and forced labor.	Reported
		B4.2 Description of steps taken to eliminate such practices when discovered.	Inapplicable
	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, how they are implemented and monitored.	Reported
	B6 Product Responsibility	General disclosure: relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress. Information on:	Inapplicable
		(a) the police; and	Inapplicable
		(b) compliance with relevant laws and regulations that have a significant impact on the issuer	Inapplicable
		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.	Inapplicable
		B6.4 Description of quality assurance process and recall procedures.	Inapplicable
		B6.5 Description of consumer data protection and privacy policies, how they are implemented and monitored.	Inapplicable
	B7 Anti-corruption	General disclosure: relating to bribery, extortion, fraud and money laundering. Information on:	Reported
		(a) the policies; and	Reported
		(b) compliance with relevant laws and regulations that have a significant impact on the issuer	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.	Not reported
		B7.2 Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored.	Reported
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 on areas of contribution (e.g. education, environmental concerns, labor needs, health, culture, sport).	Reported	
	B8.2 Resources contributed (e.g. money or time) to the focus are.	Reported	



Appendix III

Social Responsibility KPI of the China Gold International						
	Unit	2020	2019	2018	2017	2016
Credit management						
Asset	Million USD	33.22	31.97	32.16	32.3	29.66
Revenue	Million USD	8.64	6.57	5.71	4.12	3.39
Profit	Million USD	1.54	-0.03	0.43	0.79	0.34
Net profit	Million USD	1.14	-0.32	-0.042	0.64	-0.12
Product qualification ratio	%	100	100	100	100	100
Head office contract performance rate	%	100	100	100	100	100
Subsidiary contract performance rate	%	100	100	100	100	100
Total sales income to top five customers	Million USD	8.07	6.04	5.71	4.12	3.39
Proportion of total sales income to top five customers to all operating income	%	93.40	91.92	100	100	100
Proportion of debts to top five creditors to total debts of the Company	%	13.72	64.05	64.57	66.53	58.39
Asset-liability ratio	%	51.98	54.63	53.69	53.26	52.13
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	110.82	137.46	209	61.8	76.9
Nitrogen oxides emission	Ton	17.490	17.121	17.420	17.839	18.163
Carbon dioxide emission	Ton	16,300.0	28,357.5	19,626.01	17,540.8	17,682.1
Carbon dioxide emission per ton of ore	Kg/ton	0.58	1.26	0.96	0.89	0.79
Soot volume	Ton	4.790	14.255	14.580	14.955	15.294
Diesel consumption	Liter	372,589.13	400,350.46	382,823.00	746,864.44	778,801.28
Diesel consumption per ton of ore	Liter/ton	0.01	0.02	0.02	0.03	0.03
Coal consumption	Ton	8,600	8,750	8,198	7,327	7,005
Coal consumption per ton of ore	Kg/ton	0.31	0.67	0.40	0.37	0.33
Total energy consumption	Ton of coal equivalent	91,554.62	82,932.63	76,654.99	51,956.42	36,058.6
Vehicle mileage	Km	27,703,429	3,046,011	2,930,065	2,123,830	1,688,525



Social Responsibility KPI of the China Gold International

	Unit	2020	2019	2018	2017	2016
Vehicle mileage per ton of ore	Km/ton	0.98	0.14	0.14	0.09	0.1
Vehicle fuel consumption	Ton	459.70	531.29	433.71	324.15	243.15
Vehicle fuel consumption per ton of ore	Liter/ton	0.027	0.028	0.021	0.017	0.017
Natural gas consumption	m ³	0	0	0	0	0
Planted trees	Number	600,900	600,150	1,150,070	321,820	200,300
Harmful waste	Ton	0	45.93	25.11	26.04	10.18
Harmful waste per ton of ore	G/ton	0	2.04	1.23	1.18	0.61
Harmless waste	Ton	130,022,862	135,551,274	78,120,687	91,383,879	92,691,570
Harmless waste per ton of ore	Ton/ton	4.6	6.0	3.8	4.6	4.1
Sewage emission	Ton	0	0	0	0	0
Annual office electricity consumption per capita	Degree	998.08	1,392.19	1,075.45	1,606.14	1,554.26
Annual water consumption per capita	Ton	19.97	27.00	26.94	22	23.46
Annual paper consumption per capita	Kg	4.25	9.19	13.48	6.92	6.02
Total investment of environmental protection	100 million RMB	0.0972	0.46	0.7819	0.3728	0.1722
COD (chemical oxygen demand) emission	Ton	4.907	4.1	22.029	11.056	11.459
Sulfur dioxide emission	Ton	11.340	28.868	29.814	30.999	31.745
Production power consumption of the mining area	Kwh/ton	55,392.5	40,595.5	39,061.48	28,493	21,219
Comprehensive energy consumption per ton for mineral processing	10,000 tons	19.66	18.01	19.07	11.56	8.59
Newly added water	10,000 tons	890.72	326.18	169.057	272.561	208.629
Circulating water	10,000 tons	7,980.58	7,470.08	6,871.065	7,086.646	6,974.628
Water consumption per RMB10,000 output	Ton per ten thousand RMB	14.89	7.2	27.09	22.84	26.33
Water consumption per ton of ore	Ton/Ton	0.32	0.14	0.08	0.31	0.24
Provision for reclamation costs	Ten thousand RMB	58.0	610.2	616.21	119.2	281.2
Number of environmental pollution accidents	Number of times	0	0	0	0	0
Environmental protection training coverage ratio	%	93	95	100	93	93
Work safety						
Safety investment	Ten thousand RMB	14,969.15	19,609.61	17,644	6,234	9,796

Social Responsibility KPI of the China Gold International

	Unit	2020	2019	2018	2017	2016
Death toll of employees in production	Person	0	0	0	0	2(minor injury)
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	177	178	157	252	120
Certified safety engineer	Person	26	26	25	15	13
Safety education and training sessions	Number of times	102	137	126	89	231
Safety education and training participants	Number of times	6,597	9,540	7,901	10,205	14,454
Safety education and training rate for employees	%	100	100	100	100	100
Employees' interests						
Total employees	Headcount	2,080	2,085	2,124	2,028	1,737
Female employees	Headcount	448	444	468	425	337
Employees of ethnic minority and other ethnic groups	Headcount	443	440	437	446	357
Employees at primary managerial positions and above	Headcount	469	476	441	381	311
Including: Female employees	Headcount	124	118	116	68	41
Employment of the disabled	Headcount	9	2	2	11	9
Labor contract signing rate	%	100	100	100	100	100
Social insurance coverage ratio	%	100	100	100	100	100
Proportion of workers joining in the Trade Union	%	65.18	100	71	99	99
Annual recruits through open recruitment	Headcount	137	159	389	297	216
Including: Hires newly graduated from universities and colleges	Headcount	30	18	21	13	31
Social Recruitment	Headcount	107	141	368	284	185
Proportion of localized employment	%	50.72	21	24	32	26
Annual person-time of staff training in total	Headcount	3,781	2,171	1,697	1,319	1,288

Social Responsibility KPI of the China Gold International

	Unit	2020	2019	2018	2017	2016
Annual promotions in professional titles	Headcount	108	99	85	85	76
Annual promotions to expert-level senior engineers	Headcount	4	2	5	1	2
Physical checkup and health file coverage ratio	%	100	100	100	100	100
Occupational disease cases at year end	Case	0	0	0	0	0
Additional occupational disease cases in the year	Case	0	0	0	0	0
Proportion of employees in the Occupational, Health and Safety Committee	%	19.2	19.4	17.6	3.1	3.5
Per capita paid vacation days	Day	50	139	16	24	19
Staff satisfaction	%	99.3	99	99	97	100
Staff turnover	%	5.1	9.6	8.8	10.2	8.5
Number of staff complaints filed and resolved through the complaint mechanism	Number	11	0	0	0	0
Overtime pay	Ten thousand RMB	43.08	37.3	33.9	49.5	49.2
Aid for poverty-stricken employees	Ten thousand RMB	68.9	7.2	4.6	2.9	1.8
Technological progress						
Total input in scientific research	Ten thousand RMB	18,142	16,108	14,437	9,670	1,588
Number of new patents	Item	9	9	3	23	13
Scientific and technological achievements	Item	19	17	19	18	32
Scientific research programs undertaken	Item	28	20	7	12	24
Number/ rate of technological staff	Person/%	240/11.62%	269/13.06%	219/10.31%	269/13.26%	265/15.26%
Harmony and win-win						
Total tax	100 million RMB	4.84	2.73	4.27	3.17	2.22
Total procurement of materials	100 million RMB	8.52	6.38	7.19	4.16	3.95
Including: Procurement under social responsibility	100 million RMB	0.82	0.73	2.29	0.82	0.701
Proportion of procurement under social responsibility	%	9.62	11.44	31.85	19.71	17.75%
Proportion of localized procurement	%	23.63	33.04	19.19	44.87	6.19
Total donation	Ten thousand RMB	72.00	28.69	156.91	23.64	25.54
Assistance to impoverished families and students	Headcount	1,089	942	124	744	784
Employee volunteers	Headcount	410	257	367	239	225



Rating Report on 2020 Environmental, Social and Governance Report of China Gold International Resources Corp. Ltd

Authorized by China Gold International Resources Corp. Ltd., the Chinese Expert Committee on Corporate Social Responsibility Report Rating selected experts to organize a rating panel for Rating Report on 2020 Environmental, Social and Governance Report of China Gold International Resources Corp. Ltd (hereinafter referred to as the Report).

I. Rating Basis

CASS-CSR 4.0 for General Mining Industry by Chinese Academy of Social Sciences and Rating Standards for CSR Report of Chinese Enterprises (2020) by the Chinese Expert Committee on CSR Report Rating.

II. Rating Procedure

- 1.The rating panel reviews Process-oriented Confirmation Letter for CSR Report and confirms related supporting materials submitted by the writers;
- 2.The rating panel makes comments on the compilation process of the Report and the disclosure information as well as draws up the rating report;
- 3.The vice president of the Chinese Expert Committee on CSR Report Rating, the supervisor and experts of the panel examine and sign the rating report.

III. Rating Conclusion

Process (★★★★★)

The Strategic Investment and Business Management Department takes the lead in setting up the group for report preparation, making overall plans for the preparation; The department manager is responsible for material collection and initial review of final version; The Chairman and CEO, serving as team leader and chief editor, is responsible for the final review. The Company has regarded the Report as an important tool for disclosing compliance information, improving responsibility management, communicating with stakeholders and enhancing corporate image. Its functional position is explicit. In accordance with the topics such as national macro-policy, international and domestic social responsibility standards, industry benchmarking analysis, Company development strategy, expert reviews and stakeholder surveys, the Company guides its two subsidiaries, Jiama mine and CSH mine, to prepare and release the corporate social responsibility report, which enhances its vertical integration of social responsibility. The Company plans to publish reports on the official website. And the Report will be presented in electronic form, printed copy, H5 version, etc. The Report takes the lead in process.

Substantiality (★★★★★)

The Report systematically discloses the key issues of general mining industry, such as the implementation of macro-policy, construction of digital mine, management of occupational health, assurance of work safety, system of environmental management, R&D and application of environmental technology and equipment, conservation of land resources, reduction of “three wastes” emission, conservation of mining area and ecological protection of mining area. The Report is detailed and sufficient in description, and it has an outstanding substantive performance.

Integrity (★★★★★)

The Report discloses 90.55% of core indicators of general mining industry from “environmental protection and energy conservation” “work safety” “employees’ interests” “technological innovation” “harmony and win-win” . And it performs very well in integrity.

Balance (★★★★☆)

The Report discloses the negative information, such as environmental pollution accidents, staff casualties, major equipment accidents, major traffic accidents and staff turnover. It takes the lead in balance performance.

Comparability (★★★★★)

The Report discloses 116 key performance indicators for more than 3 years, such as asset, revenue, comprehensive energy consumption, carbon dioxide emissions, proportion of localized procurement and total external contributions. It has a great comparability performance.

Readability (★★★★★)

Building framework structure in line with key topics, the Report contains a detailed interpretation of the enterprise's annual responsibility concept and performance, which responds to expectations and appeals of stakeholders. The Report cover with mining elements presents a vector style, outlining the enterprise landmark buildings, which improves its vividness and recognizability. The report chooses clear pictures that fit the theme of each chapter with narrative introduction, which is convenient for readers to quickly grasp the key contents so as to enhance the readability of the report. Besides, it is simple in style, rich in cases and statistics. It performs excellently in readability.

Innovativeness (★★★★★)

The Report focuses on responsibility performance by answering to the current affairs including targeted poverty alleviation, overseas responsibility, demonstrating the Company's accountability to comply with macro-policy. Besides, the report also makes a special section of "Supporting the UN Sustainable Development Goals" to focus on the responsibilities under 17 goals, which highlights the Report advancing with the times and shows the international vision as well as value pursuit of the Company. It possesses excellent innovative performance.

Overall ranking (★★★★★)

Evaluated by the rating panel, 2020 Environmental, Social and Governance Report of China Gold International Resources Corp. Ltd gets 5 stars, and this Report takes the lead among other reports.



China Gold International Resources Corp. Ltd receives five-star evaluation for the second consecutive year.

IV. Suggestions for improvement

Increase the detailed disclosure of the shortcomings on performing responsibilities to further improve the balance of the report.

Vice President of the Expert Committee

Head of rating panel

Expert of rating panel



Scan the QR to check the file of rating report

June 8th, 2021

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