

Powering AND PASSION.

Denison Mines Corp. 2023 Denison ESG Report

Published on April 11, 2024

Denison is a uranium exploration and development company with interests focused in the Athabasca Basin region of northern Saskatchewan,

Denison is also engaged in closed mine care and maintenance for Denison's reclaimed mine sites in Elliot Lake, Ontario, Canada. <u>Disclaimer and Forward Looking Statements</u>

Company Profile

N.	D : 1/1 C
Name	Denison Mines Corp.
Describe nature of activities, brands, products and services	The Company has an effective 95% interest in its flagship Wheeler River Uranium Project, which is the largest undeveloped uranium project in the infrastructure-rich eastern portion of the Athabasca Basin region of northern Saskatchewan.
	Denison's interests in Saskatchewan also include a 22.5% ownership interest in the McClean Lake joint venture, which includes several uranium deposits and the McClean Lake uranium mill, contracted to process the ore from the Cigar Lake mine under a toll milling agreement, plus a 25.17% interest in t Midwest Main and Midwest A deposits, and a 69.35% interest in the Tthe Heldeth Túé ("THT," formerly J Zone) and Huskie deposits on the Waterbury Lake property. Each of Midwest Main, Midwest A, THT and Huskie a located within 20 kilometres of the McClean Lake mill. In aggregate, the Company has direct ownership interests in properties covering ~385,000 hectares in the Athabasca Basin region.
	Through its 50% ownership of JCU, Denison holds additional interests in various uranium project joint ventures in Canada, including th Millennium project (JCU 30.099%), the Kiggavik project (JCU 33.8118%) and Christi Lake (JCU 34.4508%).
Link to Corporate Website	https://www.denisonmines.com/
Industry Classification	NAICS: 2131 Support activities for mining, and oil an gas extraction
Market Capitalization	\$1 Billion USD up to \$5 Billion USD
Type of Operations	Exclusively non-producing operations
Company Headquarters	Toronto, Canada
GG Accountability	
Role and Name of highest authority within company for Environment, Social and Governance strategy, programs and performance	David Cates, President & CEO
RS Sustainability Disclosure Standards Reporting Requirements	

Choose the statement as to how the organization has aligned their reporting utilizing GRI Standards

The organization has reported with reference to the GRI Standards for the period defined

ESG Reporting Period Unless otherwise noted, all data contained in this report covers the following period 2023-01-01 From То 2023-12-31 Denison's fiscal year end is December 31. **External Assurance** Describe your company's policy and practice for seeking external assurance, including whether and At this time, Denison is determining the best how the highest governance body and senior executives are involved path forward for seeking external assurance and integrating ESG practices into internal corporate practices, which may include, without limitation, implementation of tracking and reporting software systems, designation and creation of ESG-specific roles and mandates, Company-wide training for ESG reporting and accountability, and enhancement of committee mandates to support ESG initiatives. Has the report been externally assured No **Financial Reporting Period** Does the financial reporting period align with the sustainability reporting period (eg. calendar vs Yes fiscal) **Geographic Scope of Report** Unless otherwise noted, the data in this report covers sustainability matters related to the following Canada locations of operations Identify notable exclusions of the geographical and/or business scope of the report, and reference of This report does not have any notable any existing or planned reports that do or will address these (e.g., assets recently divested or geographical exclusions. acquired, non-managed joint ventures, specific exploration activities, recently closed sites, etc.) This report includes information from Denison's 31 directly operated properties located in the provinces of Saskatchewan and Ontario, including its 29 operated exploration and evaluation projects in Saskatchewan and its 2 closed mine sites in Elliot Lake, Ontario. Denison's disclosure centers on the exploration programs conducted in 2023, its evaluation efforts for its flagship Wheeler River Project, and its Closed Mines operations in Ontario. **Reporting Practice** Amanda Willett, Vice President Legal and Provide the full contact details (name, title, address, email and/or phone number) for an individual responsible to address questions regarding the report or its contents Corporate Secretary 1100 - 40 University Avenue, Toronto, ON, Canada, M5J 1T1 t: 416-979-1991 x225 f: 416-979-5893 e: info@denisonmines.com Currency Unless otherwise noted, all financial figures referenced in this report are in the following currency CAD Scale of the Organization Report the total number of operations 3 This is defined as Denison's (1) project exploration and evaluation operations in Saskatchewan, (2) its Closed Mines operations in Elliot Lake, Ontario and (3) its head office in Toronto, Ontario. Report the quantity of products or services provided during the reporting period and provide Denison had no production during the 2023 description (e.g. number of units produced, amount of primary commodity produced, number of calendar year. services provided, etc.) In 2023, Denison provided care and maintenance services for third-party closed uranium mines in Ontario, which practice has been discontinued as of August 2023 and no longer forms part of Denison's business portfolio.

Denison also provided limited consulting

services to a joint venture in Saskatchewan for the sole purpose of assisting the joint venture in reviewing the possible deployment of In-Situ Recovery methods. These services do not form part of Denison's standard business model.

Fragile and Conflict-Affected Situations

Identify all of the entity's countries of operations that align with the World Bank's list of "Fragile and Conflict-Affected Situations" [Total Affected] = [Total

None

Mineral Resource Types in Scope

Which of the following mineral resource types are covered by this report

- Inferred
- Indicated
- Measured

For further information on Denison's mineral resources, please review the following information:

Denison Mines Corp. - Mineral Reserves

Mineral Reserve Types in Scope

Which of the following mineral reserve types are covered by this report

- Probable
- Proven

For further information on Denison's mineral resources, please review the following information:

Denison Mines Corp. - Mineral Reserves

Strategy

 $\label{link} Link to company's statements of: Purpose, Vision, Mission and Values; Sustainability/ESG strategy (URL)$

Provide a statement from the highest governance body or most senior executive of the organization (i.e., CEO, chair, or equivalent senior position) about the relevance of sustainable development to the organization and its strategy for contributing to sustainable development. (CEO's message for this report)



President & CEO - David Cates

https://denisonmines.com/about-us/corporate-governance/

In assessing the potential paths to reduce carbon emissions, many nations, policymakers, and interest groups have recognized the critical role that reliable baseload nuclear power (and the uranium supply for that power) must play to achieve decarbonization objectives for a "clean energy transition".

Aligned with its focus on becoming Canada's next uranium producer, Denison has committed to principles of transparency on ESG-related matters, externally and internally, and anticipates this commitment will provide a competitive advantage.

Please refer to the attached document.

Material Topics

Governance of Material Topics

Describe the process followed to determine the organization's material topics, including:

How did the organization identify the material topics

- Environmental impact assessment
- Other external sources, please list
- Materiality Assessment

Denison is privileged to have many experienced and passionate members of its team, focused on matters related to the identification of actual and potential impacts of and opportunities for its operations.

Management has identified strategic and operational risks and opportunities through its Enterprise Risk Management program. The ERM program is informed by all aspects of Denison's operations, including drawing from Denison's feasibility studies, land use studies, environmental baseline studies and ongoing monitoring.

In 2023, Denison continued several formal processes to identify potential impacts of its operations, including:

The environmental assessment process for

the Wheeler River Project; and

• Direct consultation with local and Indigenous communities.

Denison had also previously completed a decommissioning environmental assessment process for Denison's closed mine sites, pursuant to which it monitors its ongoing post-closure mine care and maintenance.

How did the organization prioritize the impacts based on their significance

Denison's Board is responsible for identifying the principal risks of Denison's business, ensuring management's implementation and assessment of appropriate risk management systems and overseeing the reporting of material risks.

Management has assessed and prioritized strategic and operational risks for reporting to the Board and relevant committees, through its Enterprise Risk Management program.

An additional top-down assessment of risk and materiality is performed annually as part of planning and scoping for Denison's internal controls compliance program.

Risk is also identified and assessed operationally, with business process owners responsible for assessing, managing and regularly reporting on risks relevant to the operations they oversee and ensuring significant risks are brought to the attention of senior management as needed and/or through the Enterprise Risk Management program.



Specify the stakeholders and experts whose views have informed the process of determining its material topics and provide details

- Business partners
- Employees and other workers
- Governments
- Local communities
- Shareholders and other capital providers

Denison endeavours to maintain open lines of communication with stakeholders to enable it to understand stakeholder concerns and incorporate those matters into its operational and risk management systems. This includes operational stakeholders (such as local communities and interested parties with respect to Denison's projects) and strategic stakeholders (such as shareholders, with an interest in Denison's performance and governance). Denison also actively engages experts, such as financial advisors with respect to financial opportunities and risks and compensation consultants with respect to executive and director compensation benchmarking and risks, to inform Denison's decision-making and risk identification and management.

List the organization's material topics

- Economic Performance
- Market Presence
- Indirect Economic Impacts
- Compliance
- Overall environmental
- Environmental Assessment
- Occupational Health and Safety
- Indigenous Rights
- Local Communities
- Public Policy
- Permitting
- Procurement Practices
- Employment

List the organization's non-material topics

- Materials
- Energy
- Water
- BiodiversityEmissions
- Effluents and Waste
- Products and Services
- Transport
- Supplier
- Environmental Grievances
- Labor/Management Relations

- Training and EducationDiversity and Equal Opportunity
- Equal Remuneration for Women and Men
- Human Rights Investment
- Non-discrimination

Anti-corruption

- Freedom of Association and Collective Bargaining
- Supplier Human Rights Assessment
- Human Rights Grievance Mechanisms
- Anti-competitive Behavior
- Supplier Assessment for Impacts on Society
- Grievance Mechanisms for Impacts on Society
- Emergency Preparedness
- Closure Planning
- Marketing
- Communications
- Materials Stewardship

Other, please specify

Owing to Denison's current stage of development, many of these considerations are relevant but not yet applicable to current operations. The Company addresses such matters through principled policies to ensure it is culturally and procedurally well-positioned for when the Company progresses to a stage where certain of these items may become material.

Other items are not expected to be applicable to Denison's business in the near or long-term given the nature of Denison's planned operations and the stable and democratic jurisdiction in which Denison operates, with comprehensive protections for the environment, human rights, labour and employment practices, worker safety, antibribery and anti-corruption, and other matters.

Procurement Practices has moved from a nonmaterial topic to a material topic as Denison prepares and refines its procurement processes, strategies, and requirements for the future planned development of the Wheeler River Project.

Additionally, Employment has become a material topic as competition for employees in the markets in which Denison operates has been increasing significantly.

For the top 5 material topics, the reporting organization shall report the following information:

Report changes to the list of material topics compared to the previous reporting period

Provide reasons for considering such topics not material, provide details

Topic #1 Permitting

An explanation of why the topic is material; describe the actual and potential, negative and positive impacts on the economy, environment, and people, including impacts on their human rights

In addition to the environmental assessment process, Denison will be required to obtain construction and operations permits from the Saskatchewan Ministry of Environment and licences from the Canadian Nuclear Safety Commission. While some overlap between the environmental assessment process and licensing/permitting is possible, generally, licensing and permitting are expected to be completed following the environmental assessment process.

Similar to the environmental assessment process, the licensing process applies a level of rigour intended to minimize the risk of negative impacts of the Company's plans, including to the environment and people.

Where the impacts occur

There are no perceived impacts of permitting on third parties.

The organization's involvement with the impacts, e.g., whether the organization has caused or contributed to the impacts, or is directly linked to the impacts through its business relationships

Impacts are expected to be limited to Denison's operations focused on mine permitting, construction, and operations.

Report whether the organization is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships

Activities

Denison is internally managing the process of permitting. Obtaining applicable federal and provincial permitting is required for Denison to achieve its direct operational objectives.

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Describe/provide a link to the corporate policies or commitments regarding the topic	The Company has an Environmental, Health, Safety & Sustainability Policy (the "EHSS Policy") that affirms Denison's commitment to prioritize the safety of its workers, its contractors, its community, and the environment as well as the principles of sustainable development. Under the EHSS Policy, the Company has committed to run its operations in compliance with applicable legislation, in a manner that minimizes the impact on local ecosystems. Denison Mines Corp Environmental, Health, Safety & Sustainability Policy
Explain how the organization manages the topic and actions to prevent or mitigate potential negative impacts	Denison's direct involvement in the planning and execution of its operations allows Denison to control and implement mitigation measures to reduce regulatory and permitting risks.
Describe actions to address actual negative impacts, including actions to provide for or cooperate in their remediation	Denison has identified key risks through its licensing and environmental assessment processes and regularly monitors its activities to ensure compliance with legal and regulatory requirements.
Describe actions to manage actual and potential positive impacts	Positive impacts of receiving applicable regulatory approvals and achieving production at the Wheeler River Project to Denison, its stakeholders, and to the local communities and economy are assumed. The achievement of these goals is expressed in the Company's objectives and outlook.
Report the processes used to track the effectiveness of the actions;	Impact assessmentsStakeholder feedback
Report the goals, targets, and indicators used to evaluate progress;	Denison is currently targeting regulatory approvals from federal and provincial regulators in support of plans and the objective to achieve first production at the Company's Wheeler River Project in 2027 or 2028.
Report the effectiveness of the actions, including progress toward the goals and targets; any related adjustments	Denison has achieved notable milestones in 2023, including the submission of extensive project documentation in support of federal and provincial permitting.
Lessons learned and how these have been incorporated into the organization's operational policies and procedures	Lessons have been learned in the areas of planning, systems, and procedures required as conditions to licensing.
Describe how engagement with stakeholders has informed the actions taken and how it has informed whether the actions have been effective	Denison understands the importance of protecting the area in which it is working, including the land, water, animals, air and culture. Denison welcomes input from all interested parties through regulatory engagement and consultation.
Topic #2	Indigenous Rights
An explanation of why the topic is material; describe the actual and potential, negative and positive impacts on the economy, environment, and people, including impacts on their human rights	Denison respectfully acknowledges that its business operates in Canada on lands that are in the traditional territory of Indigenous peoples. Denison's current and planned operations could have impacts on the land and people living in proximity to such operations.
Where the impacts occur	Impacts are expected to be limited to Denison's operations in the Athabasca Basin region of Northern Saskatchewan and in Elliot Lake, Ontario.
The organization's involvement with the impacts. e.g., whether the organization has caused or contributed to the impacts, or is directly linked to the impacts through its business relationships	Impacts are expected to be limited to Denison's operations focused on mine permitting, construction, and operations.
Report whether the organization is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships	Both activities and business relationships
	Denison is committed to collaborating with Indigenous peoples and communities to build long-term, respectful, trusting, and mutually beneficial relationships and aspires to avoid any adverse impacts of Denison's activities and operations.
Describe/provide a link to the corporate policies or commitments regarding the topic	Denison has an Indigenous Peoples Policy (the "IPP"), which reflects the Company's

	recognition of the important role of Canadian business in the process of reconciliation with Indigenous peoples in Canada and outlines the Company's commitment to take action towards advancing reconciliation. Denison Mines Corp Indigenous Peoples Policy.
Explain how the organization manages the topic and actions to prevent or mitigate potential negative impacts	The IPP identifies 5 key areas of action of Denison's continuously evolving Reconciliation Action Plan: Engagement; Empowerment; Environment; Employment; and Education.
	Through the Reconciliation Action Plan, Denison is striving to interweave the principles of reconciliation throughout all areas of the company's operations.
Describe actions to address actual negative impacts, including actions to provide for or cooperate in their remediation	Denison has been focused on strengthening many long-term relationships, and building new relationships, with Indigenous and non-Indigenous communities who have a strong connection to the land on which the Wheeler River Project is located.
Describe actions to manage actual and potential positive impacts	Denison has created an environment which encourages participation, and provides supporting resources, with respect to Indigenous environmental monitoring, employment, training, and other educational initiatives.
Report the processes used to track the effectiveness of the actions;	Stakeholder feedbackOther, please specify
	Denison conducts internal surveys and has regular Indigenous engagement.
Report the goals, targets, and indicators used to evaluate progress;	The goals are tracked according to the elements of the Reconciliation Action Plan.
Report the effectiveness of the actions, including progress toward the goals and targets; any related adjustments	Denison has achieved notable milestones in 2023, including the signing of the Shared Prosperity Agreement with English River First Nation. The signing follows years of active engagement, including a four-month-long English River First Nation-led community consultation process ahead of the ratification vote, and represents a significant milestone in the history of both Denison's relationship with English River First Nation and the Wheeler River Project.
Lessons learned and how these have been incorporated into the organization's operational policies and procedures	Lessons have been learned in the areas of engagement which have been reflected back into the Company's processes.
Describe how engagement with stakeholders has informed the actions taken and how it has informed whether the actions have been effective	Engagement with stakeholders has informed al elements of its processes and procedures for consultation and engagement with Indigenous Peoples, including the development of the IPP.
	Denison's desire is to conduct and advance its exploration activities in a progressive and sustainable manner that advances reconciliation with Indigenous peoples and provides economic opportunities and other benefits to the communities near where it operates in an authentic, cooperative, and respectful way.
	Through its engagement commitments and processes, Denison is able to identify key concerns from Interested Parties and develop plans to respond to and/or to resolve them.
Topic#3	Employment
An explanation of why the topic is material; describe the actual and potential, negative and positive impacts on the economy, environment, and people, including impacts on their human rights	Denison's success depends on the availability of and its competitiveness for qualified and experienced employees to work in Denison's operations and Denison's ability to attract and retain such employees.
Where the impacts occur	There are potential impacts to all aspects of Denison's business and operations.

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The organization's involvement with the impacts. e.g., whether the organization has caused or contributed to the impacts, or is directly linked to the impacts through its business relationships	To meet the Company's objectives, Denison has been and will continue to increase its staffing levels to ensure it has suitable and sufficient organizational structures, staffing and competencies in place to effectively and reliably carry out its activities.
Report whether the organization is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships	Both activities and business relationships Denison's needs are in competition with the needs of other companies in the same jurisdictions, which increases the potential impact of staffing risks.
Describe/provide a link to the corporate policies or commitments regarding the topic	In addition to internal policies and procedures, Denison is committed to certain standards and principles for its employees and the conduct of its hiring practices, as set out in its Code of Ethics, Workplace Violence & Harassment Policy, and Indigenous Peoples Policy. Denison Mines Corp Code of Ethics Denison Mines Corp Workplace Violence & Harassment Policy Denison Mines Corp Indigenous Peoples
Explain how the organization manages the topic and actions to prevent or mitigate potential negative impacts	Policy Effective staffing is about having the right numbers of the right people in the right place at the right time with the suitable knowledge, skill and experience to operate safely and effectively and to maintain compliance with internal controls, procedures and policies.
Describe actions to address actual negative impacts, including actions to provide for or cooperate in their remediation	Denison has various internal human resources related policies and procedures. Denison has ar iterative workforce planning strategy to anticipate employment challenges.
Describe actions to manage actual and potential positive impacts	In Saskatchewan, Denison has developed hiring practices and processes that provide early notice to Indigenous communities as part of Denison's commitment to employment of Indigenous people.
Report the processes used to track the effectiveness of the actions;	Other, please specify Denison continuously monitors employee and contractor demographics and turnover rate.
Report the goals, targets, and indicators used to evaluate progress;	Denison conducts internal surveys of employee satisfaction, monitors turnover, and collects and assesses demographic information.
Report the effectiveness of the actions, including progress toward the goals and targets; any related adjustments	Lessons have been learned in the areas of recruitment, retention, compensation, benefits and engagement.
Lessons learned and how these have been incorporated into the organization's operational policies and procedures	Lessons have been learned in the areas of recruitment, retention, compensation, benefits and engagement.
Describe how engagement with stakeholders has informed the actions taken and how it has informed whether the actions have been effective	In Saskatchewan, Denison has developed hiring practices and processes that provide early notice to Indigenous communities as part of Denison's commitment to employment of Indigenous people.
Topic #4	Procurement Practices
An explanation of why the topic is material; describe the actual and potential, negative and positive impacts on the economy, environment, and people, including impacts on their human rights	Denison is developing its procurement processes, strategies, and requirements to meet the needs for the future planned development of the Wheeler River Project. Without proper foresight, a company's procurement practices could result in negative financial, local economic, environmental and/or human rights impacts.
Where the impacts occur	Impacts are expected to be limited to Denison's operations in Saskatchewan, particularly in the Athabasca Basin region of Northern Saskatchewan.
The organization's involvement with the impacts, e.g., whether the organization has caused or contributed to the impacts, or is directly linked to the impacts through its business relationships $\frac{1}{2}$	Impacts are expected to be limited to Denison's operations focused on mine permitting, procurement, construction, and operations.

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	Report whether the organization is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships	Both activities and business relationships
		Denison will have both direct involvement with, and third-party support for, the execution and further development of its procurement practices and procedures and with its procurement activities.
	Describe/provide a link to the corporate policies or commitments regarding the topic	Denison has implemented a Supplier Code of Conduct and an Indigenous Peoples Policy to inform its procurement practices.
		<u>Denison Mines Corp Supplier Code of</u> <u>Conduct</u>
		<u>Denison Mines Corp Indigenous Peoples</u> <u>Policy</u>
	Explain how the organization manages the topic and actions to prevent or mitigate potential negative impacts	Denison's procurement practices and procedures have been developed in collaboration by the finance and operations teams and in keeping with the principles set forth in its Supplier Code of Conduct. Denison aspires to avoid any adverse impacts of its activities and operations.
		Denison is also committed to collaborating with local and Indigenous suppliers to build long-term, respectful, trusting, and mutually beneficial relationships.
	Describe actions to address actual negative impacts, including actions to provide for or cooperate in their remediation	Denison's procurement practices are being developed to address potential negative impacts. For example, Denison's procurement practices include detailed assessments and due diligence of prospective vendors and require vendors to contractually accept the principles expressed in Denison's Supplier Code of Conduct.
	Describe actions to manage actual and potential positive impacts	In Saskatchewan, Denison has strong procurement processes in place that ensure decision-making includes consideration of Indigenous-owned businesses. In 2023, Denison continued to expend a significant portion of Saskatchewan evaluation and exploration expenditures with Indigenous or northern Saskatchewan vendors.
	Report the processes used to track the effectiveness of the actions;	Other, please specify Denison has procurement approval and tracking processes in place.
	Report the goals, targets, and indicators used to evaluate progress;	Denison is focused on meeting its contractual commitments with certain objectives for expenditures with Indigenous or northern Saskatchewan vendors.
	Report the effectiveness of the actions, including progress toward the goals and targets; any related adjustments	Policies, controls, procedures and commitments are all considered in the contracting process.
	Lessons learned and how these have been incorporated into the organization's operational policies and procedures	Lessons have been learned in the areas of procurement which have been reflected back into the Company's processes.
	Describe how engagement with stakeholders has informed the actions taken and how it has informed whether the actions have been effective	Engagement with stakeholders has informed the development of procurement policies, goals and commitments.
		Denison's desire is to conduct and advance its exploration activities in a progressive and sustainable manner that provides economic opportunities and other benefits to the communities near where it operates in an authentic, cooperative, and respectful way. Through its engagement commitments and
		processes, Denison is able to identify key concerns from Interested Parties and develop plans to respond to and/or to resolve them.
	Topic #5	Overall environmental
	An explanation of why the topic is material; describe the actual and potential, negative and positive impacts on the economy, environment, and people, including impacts on their human rights	Mining operations, such as those planned for Denison's Wheeler River Project, inevitably have the potential to impact the local environment.

Regulatory acceptance of an environmental assessment of the Company's mining plan and its expected impacts is a pre-condition to development of a uranium mining operation. The environmental assessment process informs Denison's project designs to support the Company's aspiration of achieving a superior standard of environmental stewardship that exceeds the anticipated environmental expectations of regulators and aligns with the interests of local Indigenous rights holders and communities. Where the impacts occur The environmental assessment process has no direct impact on third parties. Impacts of planned operations being assessed through the environmental assessment process are expected to be limited to the immediate area of Denison's operations, with a focus on deploying novel technologies and methods to minimize the scale and duration of environmental impacts. The organization's involvement with the impacts. e.g., whether the organization has caused or Based on the information and related evaluation and assessment of effects, results of contributed to the impacts, or is directly linked to the impacts through its business relationships the environmental assessment show that the ISR operation planned for the Phoenix deposit at Wheeler River can be constructed, operated, and decommissioned in a manner that is not likely to cause significant residual adverse effects to the biophysical or human environments, on its own or cumulatively with existing and reasonably foreseeable developments. Both activities and business relationships Report whether the organization is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships Denison is internally managing the environmental assessment process. Completion and acceptance of an environmental assessment are required for Denison to achieve its direct operational objectives. Describe/provide a link to the corporate policies or commitments regarding the topic The Company's EHSS Policy affirms Denison's commitment to prioritize the safety of its workers, its contractors, its community and the environment as well as the principles of sustainable development. Under the EHSS Policy, the Company has committed to run its operations in compliance with applicable legislation and in a manner that minimizes the impact on local ecosystems. Denison Mines Corp. - Environmental, Health, Safety & Sustainability Policy Explain how the organization manages the topic and actions to prevent or mitigate potential Denison's direct involvement in the planning negative impacts and execution of its operations allows Denison to control and implement mitigation measures to reduce or eliminate actual and potential impacts to the environment. Denison operates within the Canadian provinces of Saskatchewan and Ontario and is subject to both provincial and federal regulatory regimes, which involve rigorous environmental assessment and continuous monitoring and reporting to ensure Denison's activities are conducted in accordance with legal and regulatory requirements and industry best practices. Importantly, the Phoenix Feasibility Study designs and plans incorporate learnings and mitigation measures identified through the environmental assessment process. Denison has identified key risks through its Describe actions to address actual negative impacts, including actions to provide for or cooperate in their remediation licensing and environmental assessment processes and regularly monitors its activities to ensure compliance with legal and regulatory requirements. Denison's commitment to the environment

includes long-term planning for site

	management, site remediation and decommissioning. Denison works in conjunction with Indigenous rights holders and local communities to communicate project developments and receive input and guidance
Describe actions to manage actual and potential positive impacts	on environment management practices. Positive impacts of receiving applicable regulatory approvals and achieving production at the Wheeler River Project to Denison, its stakeholders, and to the local communities and economy are assumed. The achievement of these goals is expressed in the Company's objectives and outlook.
Report the processes used to track the effectiveness of the actions;	Impact assessmentsStakeholder feedback
Report the goals, targets, and indicators used to evaluate progress;	Denison is currently targeting the completion of the Environmental Impact Statement with federal and provincial regulators in support of plans and the objective to achieve first production at the Company's Wheeler River Project in 2027 or 2028.
Report the effectiveness of the actions, including progress toward the goals and targets; any related adjustments	Denison has achieved notable milestones in 2023, including confirmation from the Saskatchewan Ministry of Environment that it is satisfied with Denison's comment responses and proposed updates to the Environmental Impact Statement to address feedback from the Ministry of Environment, and that the Company may proceed to finalize the Environmental Impact Statement for provincial approval.
Lessons learned and how these have been incorporated into the organization's operational policies and procedures	Lessons have been learned in the areas of consultation, engagement, and communication, which have informed current practices.
Describe how engagement with stakeholders has informed the actions taken and how it has informed whether the actions have been effective	Denison understands the importance of protecting the area in which it is working, including the land, water, animals, air and culture. Denison welcomes input from all interested parties through regulatory engagement and consultation. All sections of the draft Environmental Impact Statement were informed by the results of Denison's extensive engagement and consultation with Indigenous and non-Indigenous interested parties.
Supply Chain	
Provide a description of the organization's supply chain, including the types of suppliers (e.g., equipment, consumables, logistics, brokers, contractors, wholesalers, etc.)	Denison regularly engages contractors and suppliers to supplement its internal workforce in the conduct of its exploration activities in Saskatchewan and the management of its closed mine sites in Ontario. Examples of types of contractors include drilling companies, line cutting and geological surveys, engineering works, and miscellaneous trade contractors. Denison also engages scientific consultants to conduct mineral assays and other laboratory-based work.
The types of activities related to the organization's products and services carried out by its suppliers (e.g., manufacturing, providing consulting services)	 Manufacturing Consultancy Services IT Services Food and hospitality Spare Parts Construction materials Chemicals Transporation Services Mobile Equipment
What is the nature of its business relationships with its suppliers	Project-based
The sector-specific characteristics of its supply chain	Geographically dispersed
The geographic location of its suppliers	CanadaUnited States of America
Environment	
Climate Change - Stewardship	

Climate Change - Stewardship

Strategy

Have climate-related risks and opportunities influenced your organization's strategy and/or financial planning

Yes

Uranium mined in Canada is used exclusively for the production of nuclear energy, which is a reliable and low-cost source of carbon-free electricity.

Energy consumption around the world is increasing rapidly. The Intergovernmental Panel on Climate Change (an intergovernmental body of the United Nations), in its four principle decarbonization pathways, calls for an increase in nuclear power by between 98% and 501% to produce carbonfree electricity and avoid catastrophic climate impacts. This demand for nuclear energy requires significant supply of uranium to create that energy.

Despite years of low uranium prices, Denison was able to advance its assets in Canada and is positioned to meet future demands for uranium with the development of its uranium projects in Saskatchewan.

Denison is striving to become a low-cost producer of uranium, with methods that will meet the highest regulatory standards, to become a significant source of supply for critical nuclear power generation.

Successfully executing this strategy, particularly with a significant strengthening in uranium prices in 2023, has the potential to have a substantive financial benefit for Denison and its shareholders.

Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities

Yes

Risk Assessments

Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business

Yes

The Company has identified that forest fires (the likelihood and scope of which may be impacted by climate change) could have a substantive financial or strategic impact on its operations, due to the location and remoteness of Denison's exploration and Closed Mines operational sites. In addition, extreme water levels caused by climate change could negatively impact Closed Mines care and maintenance operations, and weather and climate trends resulting in warmer and shorter winters that slow down and shorten the freezing of the ground and water bodies could have significant financial or strategic impacts on winter exploration operations in Saskatchewan, Canada.

The evaluation of other climate-related risks remains ongoing.

Risk $\bf 1$ - Provide details of the most material (financial or strategic) climate-related risks to your operations:

Where in the value chain does the risk driver occur

Direct operations

Risk classification

- Acute Physical Increased likelihood and severity of wildfires
- Acute Physical Increased severity and frequency of extreme weather events, such as storms, cyclones and floods
- Chronic Physical Changes in precipitation patterns and extreme variability in weather patterns
- Acute Physical Other, please specify

Acute Physical - Other: Weather and climate trends resulting in warmer and shorter winters that slow down and shorten the freezing of the ground and water bodies could have significant financial or strategic impacts on winter

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	Time horizon of risk	exploration operations in Saskatchewan, Snoa tderm
	Likelihood of impact	About as likely as not
	Magnitude of impact	Medium-low
	Primary potential financial impact	 Increased direct costs Increased indirect (operating) costs Increased capital expenditures Increased insurance claims liability Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets
	The methods used to manage the risk	Not Applicable
Dpportunity Assessments Have you identified any climate-related opportunities with the pfinancial or strategic impact on your business	otential to have a substantive	Other, please specify
		Denison has identified the most significant opportunity for Denison's business being the potential to become a uranium producer during a period of strong increased support globally for nuclear energy's role in a clean energy transition.
Greenhouse Gas Emissions		
Scope 1 Disclose the entity's absolute gross greenhouse gas (GHGs) emi reporting period, expressed as metric tonnes of CO2 equivalent		
	Fuel related (CH ₄) (tonne)	0.041
	Fuel related (N ₂ O) (tonne)	0.008
	Carbon dioxide (CO ₂) (tonne CO ₂ -e)	1,166.384
	Methane (CH₄) (tonne CO₂-e)	1.025
	Nitrous oxide (N ₂ O) (tonne CO ₂ -e)	2.384
Hydrofl	uorocarbon-23 (CHF3) (tonne CO2-e)	0.000
Hydroflu	uorocarbon-32 (CH ₂ F ₂) (tonne CO ₂ -e)	0.000
Sul	ohur hexafluoride (SF ₆) (tonne CO ₂ -e)	0.000
Nit	rogen trifluoride (NF3) (tonne CO2-e)	0.000
Pe	erfluoro methane (CF ₄) (tonne CO ₂ -e)	0.000
ı	Perfluoro ethane (C ₂ F ₆) (tonne CO ₂ -e)	0.000
Р	erfluoro butane (C ₄ F ₁₀) (tonne CO ₂ -e)	0.000
Р	erfluoro hexane (C ₆ F ₁₄) (tonne CO ₂ -e)	0.000
The total amount of gross global Scope 1 GHG emissions (CO_2 -e) (tonne)	1,169.793
The percentage of its gross global Scope 1 GHG emissions that a limiting regulation or program that is intended to directly limit or trade schemes, carbon tax/fee systems, and other emissions cor approach) and permit-based mechanisms	r reduce emissions, such as cap-and-	100.0000%
		Canada's federal carbon pricing system is use in several provinces, including Saskatchewan and Ontario. Pursuant to Canada's Greenhou: Gas Pollution Pricing Act, most fuels are subje to a fuel charge, the rates of which reflect a carbon pollution price per tonne of CO2e. Thi is determined based on global warming potential factors and emission factors used by Environment and Climate Change Canada to report Canada's emissions to the United Nations Framework Convention on Climate Change.
Discuss any change in its Scope 1 emissions from the previous re the change was due to emissions reductions, divestment, acquis and/or changes in calculation methodology (i.e. any changes the	tion, mergers, changes in output,	Denison's consumption of gasoline, diesel, an propane in 2023 remained generally consiste with its levels in 2022.

approach, inputs and assumptions during the reporting period and the reasons for those changes, if The majority of Denison's fuel consumption The entity may, where relevant, provide a breakdown of its emissions per resource produced or business unit relates to its field operations in Saskatchewan, representing approximately 95% of its total energy consumption and its closed mines sites in Ontario representing the remaining 5%. No energy consumption breakdown is available for Denison's Toronto office, as the space is leased within an office building and Denison pays common area maintenance costs for its proportionate share of the total energy consumed in the building. Denison is planning to monitor and evaluate its Discuss short-term, medium-term and long-term strategy or plan to manage its Scope 1 greenhouse gas (GHG) emissions GHG footprint and analyze strategies to set GHG targets in the coming years, as its operations grow. Denison is investing in the research and development of the ISR mining method for uranium extraction as part of the feasibility assessment for its Wheeler River Project. If successful in achieving production at Wheeler River, the scope of the Company's operations (and energy usage) may increase significantly due to the change in scope attributable to the transition from evaluation activities to construction and production. While the Company's energy usage may increase significantly, an increase in GHG emissions may be partly offset by use of alternative sources of energy currently scoped for the project, such as grid electricity. Overall, the ISR project plan as currently scoped is intended to have a lower GHG project footprint than other conventional mining methods. Additionally, in scoping its project evaluation and exploration plans, Denison is taking into account opportunities for investment in technologies and equipment to reduce potential GHG emissions in future operations. Scope 2 If company specific calculations are not available, disclose the gross location-based energy indirect (Scope 2) global greenhouse gas (GHG) emissions to the atmosphere (tonne CO₂-e): Does the company purchase externally supplied energy (grid electricity) Yes Report the total electricity purchased from external suppliers for the reporting year in gigajoules 1.158.170 Canada In what jurisdiction is the source of energy (utility) located Denison's closed mine operations in Elliot Lake, Ontario, Canada are connected to grid electricity. The Company's Saskatchewan field operations do not have grid electricity available due to the remote nature of the worksites. 0.030 Conversion factor (see Guidance): Total amount of Scope 2 GHG emissions from purchased electricity (CO₂-e) (tonne) 9.651 Does the company purchase externally supplied heat No Does the company purchase externally supplied steam No Does the company purchase externally supplied cooling No The total amount of gross global Scope 2 GHG emissions (CO₂-e) (tonne) 9.651 Total amount of Scope 2 GHG emissions (CO₂-e) that are covered under emissions-limiting 9.651 regulations (tonne) for the jurisdiction in which the company is working. Percentage of its gross global Scope 2 GHG emissions that are covered under an emissions-limiting 100.0000% regulation or program that is intended to directly limit or reduce emissions, i.e., cap-and-trade schemes, carbon tax/fee systems, and other emissions control (e.g., command-and-control approach) and permit-based mechanisms Discuss long-term and short-term strategy or plan to manage Scope 2 emissions, emissions Denison is planning to monitor and evaluate its GHG footprint and analyze strategies to set reduction targets, and an analysis of performance against those targets GHG targets in the coming years, as its operations grow.

Denison is investing in the research and development of the ISR mining method for uranium extraction as part of the feasibility assessment for its Wheeler River Project. If successful in achieving production at Wheeler River, the scope of the Company's operations (and energy usage) may increase significantly due to the change in scope attributable to the transition from evaluation activities to construction and production. While the Company's energy usage may increase significantly, an increase in GHG emissions may be partly offset by use of alternative sources of energy currently scoped for the project, such as grid electricity.

Overall, the ISR project plan as currently scoped is intended to have a lower GHG project footprint than other conventional mining methods. Additionally, in scoping its project evaluation and exploration plans, Denison is taking into account opportunities for investment in technologies and equipment to reduce potential GHG emissions in future operations.

Scope 3

Is the Organization disclosing gross "other indirect" global Scope 3 greenhouse gas (GHG) emissions to the atmosphere of the seven GHGs covered under the Kyoto Protocol (tonne $CO_{2^{-}}e$)? These emissions are not included in Scope 2 and occur outside of the organization including both upstream and downstream emissions, e.g., transporting fuel to market, or transporting fuel to the plant or site to create your product, or transporting your product to market

No

Energy

Energy Consumption

Total energy consumption within the organization (gigajoules, GJ)

17,226.230

in Gigajoules

Report the energy owned and controlled by the organization consumed in gigajoules for the following

17,226.230

Electricity purchased/generated for consumption (gigajoules, GJ)

1,158.170

Heating purchased/generated for consumption (gigajoules, GJ)

Cooling purchased/generated for consumption (gigajoules, GJ)

0.000

0.000

Steam purchased/generated for consumption (gigajoules, GJ)

16,068.060

Non-renewable fuel consumed (gigajoules, GJ)

Renewable fuel consumed (gigajoules, GJ)

0.000

Energy Management

 $Total\ energy\ consumed\ in\ aggregate,\ in\ gigajoules\ (GJ)\ (hydrocarbons\ and\ electricity)\ including\ the\ fuel\ types\ used\ (e.g.,\ biomass,\ hydro-electric\ power\ or\ bioenergy)$

17,226.230

Percentage energy consumed that was supplied by grid electricity

6.7233%

Percentage of energy consumed that is renewable energy (does not include purchased grid-mix)

0.0000%

Water Management - Stewardship

Quality and Quantity Dependency

Rate the importance (current and future) of freshwater quality and quantity to the success of your business $\,$

Direct use importance rating

Not very important

Indirect use importance rating

Not important at all

Rate the importance (current and future) of sufficient quantity of recycled, brackish and/or produced water for the success of your business

Direct use importance rating

Have not evaluated

Indirect use importance rating Have not evaluated

Risk Assessments

24 PM Onyen.com/published/DMC_2023_Am	idai_/ 30:Html
Does your organization undertake a water-related risk assessment	Yes, water-related risks are assessed
	For example, our Closed Mines team conduct on-going environmental monitoring, including monitoring of surface water, groundwater, pond water, sediment, seepage, and benthic invertebrates. Monitoring results are reporte annually to regulators and are publicly available.
Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on operations $\ \ $	No
Opportunity Assessments	
Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business ${\sf S}$	No
Responsibility	
Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues $\frac{1}{2} \left(\frac{1}{2} - \frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} - \frac{1}{2} \right$	Other Committee, please specify
	The Environment, Heath, Safety and Sustainability Committee of the Board oversees material matters related to the environment, which include water-related issues as applicable.
Policy	
Does your organization have a documented water policy	No
	Denison does not operate in water-stressed areas or with methods that consume material volumes of water.
Select the options that best describe the scope and content of your organizations' water policy	None
Reporting	
Frequency of reporting to the board on water-related issues	As important matters arise
Incentives	
Do you provide incentives to C-suite employees or board members for the management of water- related issues	Yes
	The Company's incentives around health and safety performance capture matters related tenvironmental impacts of operations, includir water-related issues as applicable.
Strategy Are water-related issues integrated into any aspects of your long-term strategic business plan	Yes, water-related issues are integrated
	-
If water-related issues are integrated into any aspects of your long-term strategic business plan, please describe further	Water-related issues are a component of the environmental assessment for Denison's flagship Wheeler River Project. The potentia development of the Wheeler River Project is the principal focus of Denison's current operations and medium to long-term strategi business plan, and the environmental assessment is an integral component of the project evaluation efforts. In addition, water-related matters, including monitoring and water treatment, are integral
If water-related issues are integrated into any aspects of your long-term strategic business plan, identify the associated long-term time horizon	Denison's Closed Mines operations. 5-10 years
Water	
Water Management	
Analyse and list all operations for water risks and identify activities that withdraw and consume water in locations with High (40–80%) or Extremely High (>80%) Baseline Water Stress as classified by the World Resources Institute's (WRI) Water Risk Atlas tool, Aqueduct	Denison does not operate in any areas of Hig or Extremely High Baseline Water Stress.
Disclose the freshwater withdrawn in locations with High or Extremely High Baseline Water Stress as a percentage of the total water withdrawn	Does Not Apply
	Denison does not withdraw water from locations with High or Extremely High Baseli Water Stress.
Disclose freshwater consumed in locations with High or Extremely High Baseline Water Stress as a	Does Not Apply

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Was your organization s related regulatory viola	ubject to any fines, enforcement orders, and/or other penalties for water- tions	No
regulations, including vi	ts of non-compliance associated with water quality permits, standards, and olations of a technology-based standard and exceedances of quality-based ose that resulted in a formal enforcement action(s))	0
	tinuous discharges, limitations, standards, and prohibitions that are generally I as maximum daily, weekly average, and monthly average (regardless of their measurement methodology or frequency)	0
	ontinuous discharges and limitations that are generally expressed in terms of maximum rate of discharge, and mass or concentration of specified pollutants (regardless of their measurement methodology or frequency)	0
	Violations - other, please specify	0
Waste Management		
Tailings Storage Facilitie	es Management nage Tailings Storage Facilities	Yes
Bocs your company man	iage familias storage racinties	Denison's Closed Mines operations operate tailings storage facilities for Denison's closed mines in Elliot Lake, Ontario.
Provide an inventory of	all tailings storage facilities (TSFs)	
	TSF #1: (1) Facility name	TMA-1
	TSF #1: (2) Location	Canada
	TSF #1: (3) Ownership status	Operator
	TSF #1: (4) Operational status	Closed
	TSF #1: (5) Construction method	Downstream
	TSF #1: (6) Maximum permitted storage capacity (tonnes)	59,700,000.000
		TMA-1 holds tailings from a decommissioned mining operation, and no further tailings will be added.
	TSF #1: (7) Current amount of tailings stored (tonnes)	59,700,000.000
	TSF #1: (8) Consequence classification	Low
	TSF #1: (9) Date of most recent independent technical review	2023-10-04
	TSF #1: (10) Material findings	No
	TSF #1: (11) Mitigation measures	Not applicable.
	TSF #2: (1) Facility name	TMA-2
	TSF #2: (2) Location	Canada
	TSF #2: (3) Ownership status	Operator
	TSF #2: (4) Operational status	Closed
	TSF #2: (5) Construction method	Downstream
	TSF #2: (6) Maximum permitted storage capacity (tonnes)	3,300,000.000
		TMA-2 holds tailings from a decommissioned mining operation, and no further tailings will be added.
	TSF #2: (7) Current amount of tailings stored (tonnes)	3,300,000.000
	TSF #2: (8) Consequence classification	Low
	TSF #2: (9) Date of most recent independent technical review	2023-10-04
	TSF #2: (10) Material findings	No
	TSF #2: (11) Mitigation measures	Not applicable.
	TSF #3: (1) Facility name	Stanrock TMA
	TSF #3: (2) Location	Canada

Operator
Closed
Downstream
5,700,000.000
Stanrock TMA holds tailings from a decommissioned mining operation, and no further tailings will be added.
5,700,000.000
Low
2023-10-04
No
Not applicable.
The inspection of the tailings facilities by an engineer of record ('EOR') is carried out annually as part of a care, maintenance, and surveillance program to ensure the safety and physical stability of the sites. The annual inspection includes a visual inspection of each tailings facility and a review of instrumentatio data and maintenance work.
\$140,025
In Ontario, Denison's Closed Mines team is conducting research at Denison TMA-1 on groundwater flow modeling and radium removal studies for effective treatment methods for tailings-impacted water.
In Saskatchewan, Denison's team has undertaken in-depth scoping studies with respect to the use of, and effective waste management for, the ISR mining method proposed for Wheeler River. As these efforts are being carried out as part of integrated evaluation studies for the project, the R&D spending on this cannot be reliably captured of the project.

Biodiversity

Management Plan

 $Describe \ the \ environmental \ and \ biodiversity \ management \ plan(s) \ implemented \ at \ active \ sites$

Denison has completed an Environmental Assessment ('EA') for the Wheeler River Project in accordance with the requirements of both the Canadian Environmental Assessment Act, 2012 and the Saskatchewan Environmental Assessment Act.

An EA is a planning and decision-making tool, which involves predicting potential environmental effects through each phase of the project being assessed. The EA will be utilized to further develop biodiversity management and monitoring plans as the Project progresses through the approval process. For example, for the Wheeler River Project, Denison undertook baseline data studies to determine biodiversity.

As of December 2023, Denison operates 29 exploration projects in the Athabasca Basin region of northern Saskatchewan. Denison's investment in environmental monitoring for the Wheeler River Project will inform similar undertakings for the exploration and development of Denison's other properties in the region.

In addition, Denison has entered into exploration agreements with local communities in the areas of Saskatchewan in which it operates, pursuant to which Denison has





Stream gauging as part of the Wheeler River Project



Canada jay (Perisoreus canadensis), a common bird found in the Northern Saskatchewan boreal forest



committed to engage an independent contractor, with knowledge of the land and the exercise of applicable Indigenous and/or treaty rights thereon, to observe Denison's activities and report on any impacts or potential impacts of such activities to Denison and the applicable community. Monitors, selected by leadership of applicable northern Saskatchewan Indigenous communities, have conducted site inspections and reported findings or recommendations to Denison and their home community.

For its Closed Mines operations in Elliot Lake, Ontario, decommissioning and restoration of Denison's historic mine sites has been completed, and the Company is engaged in long-term monitoring. All activities and monitoring results are reviewed regularly by the Canadian Nuclear Safety Commission and the Elliot Lake Joint Regulatory Group, which consists of federal and provincial regulators. See the link below for a report on Denison's Closed Mines operations.

2023 Closed Mines Annual Report



A red fox (Vulpes vulpes), a frequent visitor at the Wheeler River camp

1.1 Lifecycle stages to which the plan(s) apply

- Exploration and appraisal
- Site development
- Restoration

1.2 The topics addressed by the plan(s)

- Ecological and biodiversity impacts
- Waste generation
- Noise impacts
- Discharges to water
- Natural resource consumption
- Hazardous chemical usage
- 1.3 The underlying references for its plan(s), including whether they are codes, guidelines, standards, or regulations; whether they were developed by the entity, an industry organization, a third-party organization (e.g., a non-governmental organization, a governmental agency, or some combination of these groups)

Denison's management programs and procedures are in compliance with applicable provincial regulations on biodiversity management.

For the Wheeler River Project, the EA was completed in accordance with the requirements of both the Canadian Environmental Assessment Act, 2012 and the Saskatchewan Environmental Assessment Act.

The Closed Mines operations are operating in compliance with federal and provincial licenses, which reflect the 1995 Decommissioning Environmental Impact Assessment of the Denison and Stanrock Mining Areas in Elliot Lake, Ontario.

Impacts

Does access to the site involve traversing a protected area

No

None of the 29 mineral exploration and development properties Denison operates in Saskatchewan, nor the Closed Mines operations, require traversing a protected area.

Do any of the entities concessions share a watershed with a protected area

No

Provide context and description of site access involving traversing protected areas, and/or watersheds shared with a protected area. Include reference to measures in place to assure access, any proactive programs to support the biodiversity of the protected area, and any formal complaints or compliance issues and related steps to resolve

Access to Denison-operated projects in Saskatchewan are by road or air from Saskatoon. Vehicle access is primarily through the provincial highway system which is connected to the projects through access roads that do not traverse protected areas or critical habitats.



Denison's Operations are Outside Saskatchewan Protected Areas

Denison's Closed Mines operations are in close proximity to the town of Elliot Lake, Ontario and direct access to the sites does not traverse protected areas or critical habitats.

Percentage of proved reserves in sites with protected conservation status or in areas of endangered species habitat	0.0000%
Percentage of probable reserves in sites with protected conservation status or in areas of endangered species habitat $$	0.0000%
Social	
Scale of the Organization	
Direct Employee Information	
Total number of full-time employees	51
Full-time - Male	29
Full-time - Female	22
Full-time - Non-binary	0
Full-time - Gender not disclosed	0
Total number of part-time employees	4
Part-time - Male	1
Part-time - Female	3
Part-time - Non-binary	0
Part-time - Gender not disclosed	0
Total number of permanent employees (full-time & part-time)	55
Permanent employees - Male	30
Permanent employees - Female	25
Permanent employees -Non-binary	0
Permanent employees - Gender not disclosed	0
Total number of temporary employees	9
Temporary employees - Male	7
Temporary employees - Female	2
Temporary employees - Non-binary	0
Temporary employees - Gender not disclosed	0
Total number of direct employees (includes full-time, part-time, temporary; exclude workers who are not employees)	64
Direct employees - Male	37
Direct employees - Female	27
Direct employees - Non-binary	0
Direct employees - Gender not disclosed	0
Describe the methodologies and assumptions used to compile the data	Employee data is collected from information collected during the hiring process, voluntary internal surveys, and our internal organization systems.

	mployee numbers are reported by head coun
period, or using another methodology in tir	he numbers provided for the employee count this report are reported as at a "point-in- me" reference at the end of the Company's eporting period, December 31, 2023.
provided er tir su er cii	the majority of the Company's employees are mployed on a full-time, permanent basis. Pari me positions are engaged for various reasons uch as the seasonal nature of a position, an mployee's own preferences, or other reumstances surrounding the nature of the osition or the employee.
period and between reporting periods er fix ev se	he Company hires seasonal employees and ngages in seasonal contracts to support activeld operations for its exploration and valuation activities. These will fluctuate by eason and by year, based upon the scope of ne Company's activities.
Workers Who are Not Employees	
Total number of workers who are not employees and whose work is controlled by the organization (e.g., suppliers, customers, or other business partners, such as in joint ventures)	
Do de ne in co	renison engages contractors who perform efined scopes of work to fulfill its service eeds. Exact information on the number of idividual persons who worked for the ontractors to fulfill the terms of the service ontracts is not available.
Total Workforce	
Total workforce (includes direct employees and workers who are not employees) 64	4
Total female workforce 27	7
Female workforce as percentage of total employed workforce 42	2.1875%
Total male workforce 37	7
Male workforce as percentage of total employed workforce 57	7.8125%
Total non-binary workforce 0	
Non-binary workforce as percentage of total employed workforce 0.0	.0000%
Total workforce with gender not disclosed 0	
Workforce with gender not disclosed as percentage of total employed workforce 0.	.0000%
Turnover & Gender Breakdown	
Female direct employees	
Total number of turnover (the number of females that left during the period) 6	
Rate of turnover, females 23	3.0769%
er fr re (ir	the turnover rate captures only those mployees who voluntarily resigned or retirect from their positions at the Company during the porting period. Expiring fixed-term contract including seasonal employees) are not include
Male direct employees	
Total number of turnover (the number of males that left during the period) 9	
Rate of turnover, males 22	1.4286%
er fr re (ir	the turnover rate captures only those mployees who voluntarily resigned or retired om their positions at the Company during the porting period. Expiring fixed-term contract including seasonal employees) are not included the turnover rate calculations.
Report the total number and rate of turnover for all Direct Employees	
Total number of turnover (the number that left during the period) 15	5

The rate of turnover in 2023 was largely driven by the permanent reduction of activities carried out by Denison's Closed Mines group. Denison no longer provides closed uranium mine care and maintenance services to third-party owners and, accordingly, the Closed Mines group now operates solely to provide care and maintenance for Denison's own sites.

	care and maintenance for Denison's own sites
Rate of turnover - direct employees	22.0588%
Turnover & Age Breakdown	
Direct Employees aged 30 years old and under	
Total number of turnover (the number that left during the period)	4
Direct Employees aged between 30 and 50 years old	
	44
Total number of turnover (the number that left during the period)	16
Direct Employees over 50 years old	
Total number of turnover (the number that left during the period)	9
Identify types of employees captured in the turnover rate calculations	Other, please specify
	The turnover rate for 2023 reflects the permanent reduction of activities carried out by Denison's Closed Mines group.
Average age of direct employees	42
Diversity and Equal Opportunity	
Diversity of Governance Bodies	
Report the percentage of the diversity categories for the highest governance body and the total workforce per employee type $$	
Board of Directors	
Total Board of Directors	8
	As at December 31, 2023.
	For the persons nominated for election by shareholders to Denison's Board of Directors at Denison's 2024 Annual General Meeting, please see the Management Information Circular dated March 28, 2024.
Percent Male	62.5000%
Percent Female	37.5000%
Percent Non-Binary	0.0000%
Percent Gender not disclosed	0.0000%
Percent under 30 years of age	0.0000%
Percent between 30 and 50 years of age	25.0000%
	75.0000%
Percent over 50 years of age	
Percent minority or vulnerable group individuals in the "Board of Directors" category	12.5000%
Diversity of Direct Employees	
Senior Management	
Total Senior Managers	5
	As at December 31, 2023.
	For the current composition of Denison's management team, please see our website ("Management", under the "About Us" section
Percent Male	60.0000%
Percent Female	40.0000%
Percent Non-Binary	0.0000%

Work-related Injuries

Injuries - For the total workforce

injuries - For the total workforce	
Number of fatalities as a result of work-related injury	0
Rate of fatalities resulting from work-related injury. Note: calculating per 200,000 hours worked	0.000
Number of high-consequence work-related injuries (excluding fatalities)	0
Rate of high-consequence work-related injuries (excluding fatalities)	0.000
Number of recordable work-related injuries	1
Rate of recordable work-related injuries	1.251
Main types of work-related injury, e.g., confined space, trips, falls, etc	The main types of work-related injuries consist of chemical exposure, lacerations, and sprains/strains.
Number of hours worked	159,906
	The total number of hours worked includes services conducted by Denison employees on third-party owned sites in 2023.
Lost Time Injuries (LTIs)	0
Lost Time Injury Rate (LTIR)	0.000
Injuries - workers who are not employees, but whose work and/or workplace is controlled by the organization	
Number of fatalities as a result of work-related injury	0
Rate of fatalities resulting from work-related injury. Note: calculating per 200,000 hours worked	0.000
Number of high-consequence work-related injuries (excluding fatalities)	0
Rate of high-consequence work-related injuries (excluding fatalities)	0.000
Number of recordable work-related injuries	0
Rate of recordable work-related injuries	0.000
Main types of work-related injury, e.g., confined space, trips, falls, etc	The main types of work-related injuries consist of chemical exposure, lacerations, and sprains/strains.
Number of hours worked	52,836
Lost Time Injuries (LTIs)	0
Lost Time Injury Rate (LTIR)	0.000
Combined (Employees and non-employees, but controlled by the organization):	
Total Hours Worked	212,742
Total number of all work-related injuries	1
Rate of work-related injuries	0.940
Total Lost Time Injuries (LTIs)	0
Lost Time Injury Rate (LTIR)	0.000
Report the work-related hazards that pose a risk of high-consequence injury, including	Work-related hazards associated with Denison's activities are typical for the uranium mineral exploration industry, including, without limitation, risks associated with the use of drilling and other industrial equipment, working with radiological materials, and working in remote areas. Risk management is applied equally to all employees and contractors and there are no discrepancies in the application of safety standards with respect to any particular groups or individuals, worksites, or types of identical or substantially similar activities.
How have these hazards been determined	Denison has identified the following activities as potentially high-consequence in its operations:

1. Working alone 2. Loading equipment onto trucks and trailers $3. \, Working \, with, or \, in \, the \, vicinity \, of, heavy \,$ equipment 4. Radiation exposure 5. Highway driving 6. Working with chemicals 7. Working with explosive devices, as applicable Which of these hazards have caused or contributed to high-consequence injuries during the None of the aforementioned hazards contributed to an injury in this reporting period. reporting period Actions taken or underway to eliminate these hazards and minimize risks using the hierarchy of Denison has successfully implemented safety training and procedures to minimize the risks of controls the identified hazards. Denison has an implemented a Radiation Protection Plan that has been approved by the Canadian Nuclear Safety Commission. Report on actions taken or underway to eliminate other work-related hazards and minimize risks Operational policies are constantly reviewed using the hierarchy of controls by Denison's Health & Safety Manager and the Company's health and safety committees, with a goal of eliminating work-related hazards, formalizing PPE requirements, and conducting competency assurance, hazard assessments, and Hazard and Operability Studies. Whether and, if so, why any workers have been excluded from this disclosure, including the types of Denison did not track incidents by short-term worker excluded, e.g., short-term contractors contractors, as these individuals in most cases were not directly supervised by Denison or able to participate in Denison's health and safety training and reporting practices. Denison's health and safety incident tracking Disclose any contextual information necessary to understand how the data have been compiled, i.e., any standards, methodologies, and assumptions used and reporting is aligned with applicable OSHA standards. **Safety Training** Describe any occupational health and safety training provided to workers, including generic training, Denison provides training through a as well as training on specific work-related hazards, hazardous activities, or hazardous situations combination of on-site and pre-arrival inperson training and online courses approved by the Canadian Centre for Occupational Health and Safety (CCOHS). The CCOHS courses cover a wide range of topics and includes topics applicable to the Company as a whole (i.e. mental health, workplace safety), office personnel (i.e. office ergonomics), and field personnel (i.e. WHMIS, Wilderness Awareness, Defensive Driving). Disclose the average number of training hours provided to its workforce for health, safety, and emergency management training Average hours of health, safety, and emergency response training for (a) full-time/direct employees 11.98 Training hours are not specifically tracked and are based on an average time to complete. Most training is web-based training and is at the student's pace to ensure understanding of the material. Training hours disclosed here to do not include training hours administered to contractors or site visitors. Denison's tracking of training hours does not $distinguish\ between\ full-time,\ part-time,\ or$ temporary employees, as training requirements are dictated by the nature of the work and site conditions as opposed to employment status. Accordingly, the total number of hours of health, safety, and emergency response training presented here is an estimate derived from the ratio of Denison full-time personnel to total personnel employed by Denison over the course of the year, as applied to the total training hours completed by all Denison personnel during 2023. Security, Human Rights and Rights of Indigenous People Describe the nature of any social risks, for all operating countries, that could have a material impact Denison's relationships with communities of on the operations interest are critical to ensure the future success of its existing operations and the construction and development of its projects. Managing relations with the local First Nations and Métis communities is a matter of paramount importance to Denison.

Engagement with, and consideration of other rights of, potentially affected Indigenous peoples may require accommodations, including undertakings regarding funding, contracting, environmental practices, employment and other matters and could affect the timetable and costs of exploration, evaluation and development of Denison's projects.

Percentage of proved reserves that are located in or near areas of active conflict

0.0000%

The total amount of proved reserves

3,200,000.000

Denison's share of pounds of U3O8 (~6,000 tonnes U3O8 at an average grade of 24.5%) on Denison-operated projects.

Please refer to the "NI 43-101 Technical Report on the Wheeler River Project, Athabasca Basin, Saskatchewan, Canada" dated August 2023 and Denison's Annual Information Form dated March 28, 2024 for more information.

<u>Denison Mines Corp. - Wheeler River Project</u> <u>Technical Report</u>

<u>Denison Mines Corp. - 2023 Annual</u> <u>Information Form</u>

Percentage of probable reserves that are located in or near areas of active conflict

0.0000%

The total amount of probable reserves

97,800,000.000

Denison's share of pounds of U3O8 at Wheeler River (~202,000 tonnes U3O8 at an average grade of 11.4% at the Phoenix deposit and ~1, 194,000 tonnes U3O8 at an average grade of 1.8% at the Gryphon deposit).

Please refer to the "NI 43-101 Technical Report on the Wheeler River Project, Athabasca Basin, Saskatchewan, Canada" dated August 2023 and Denison's Annual Information Form dated March 28, 2024 for more information.

<u>Denison Mines Corp. - Wheeler River Project</u> <u>Technical Report</u>

<u>Denison Mines Corp. - 2023 Annual</u> <u>Information Form</u>

Percentage of proved reserves that are located in or near areas that are considered to be indigenous peoples' land

100.0000%

Denison respectfully acknowledges that our business operates in Canada on lands that are in the traditional territory of Indigenous peoples. Denison's exploration and evaluation operations in Saskatchewan, including its office in Saskatoon and various project interests in northern Saskatchewan, are located in regions covered by Treaty 6, Treaty 8 and Treaty 10, which encompass the traditional lands of the Cree, Dakota, Déne, Lakota, Nakota, Saulteaux, within the homeland of the Métis and within Nuhenéné. Denison's Closed Mines operations in the Elliot Lake region of northern Ontario are located within the boundaries of the Robinson Huron Treaty of 1850, signatories to which include the Serpent River First Nation.

The total amount of proved reserves

3,200,000.000

Denison's share of pounds of U3O8 (~6,000 tonnes U3O8 at an average grade of 24.5%) on Denison-operated projects.

Please refer to the "NI 43-101 Technical Report on the Wheeler River Project, Athabasca Basin, Saskatchewan, Canada" dated August 2023 and Denison's Annual Information Form dated March 28, 2024 for more information

<u>Denison Mines Corp. - Wheeler River Project</u> <u>Technical Report</u>

Denison Mines Corp. - 2023 Annual **Information Form** Grade of proved reserves locate in or near areas that are considered to be indigenous peoples' land Nuclear Fuel Uranium (U3O8) (% per tonne) 24.500 100.0000% Percentage of probable reserves that are located in or near areas that are considered to be indigenous peoples' land Denison respectfully acknowledges that our business operates in Canada on lands that are in the traditional territory of Indigenous peoples. Denison's exploration and evaluation operations in Saskatchewan, including its office in Saskatoon and various project interests in northern Saskatchewan, are located in regions covered by Treaty 6, Treaty 8 and Treaty 10, which encompass the traditional lands of the Cree, Dakota, Déne, Lakota, Nakota, Saulteaux, within the homeland of the Métis and within Nuhenéné. Denison's Closed Mines operations in the Elliot Lake region of northern Ontario are located within the boundaries of the Robinson Huron Treaty of 1850, signatories to which include the Serpent River First Nation. 97,800,000.000 The total amount of probable reserves Denison's share of pounds of U3O8 at Wheeler River (~202,000 tonnes U3O8 at an average grade of 11.4% at the Phoenix deposit and ~1, 194,000 tonnes U3O8 at an average grade of 1.8% at the Gryphon deposit). Please refer to the "NI 43-101 Technical Report on the Wheeler River Project. Athabasca Basin, Saskatchewan, Canada" dated August 2023 and Denison's Annual Information Form dated March 28, 2024 for more information. Please see the attached link for a summary of Grade of probable reserves located in or near areas that are considered to be indigenous peoples' land Denison's Mineral Reserves and Resources and their corresponding grades. Denison Mines Corp. - Reserves and Resources Which indigenous rights of communities in which the entity operates or intends to operate are Denison follows best practices for early respected, provide a description of the entity's due diligence practices and procedures in the details. engagement with Indigenous communities regarding regulatory and permit applications, ensuring that Denison is informed of any questions or concerns related to the rights and interests of Indigenous communities prior to project commencement. Denison has been identified as "best in class" in relation to engagement with communities by the Province of Saskatchewan. Denison's process includes ensuring Indigenous communities have the capacity to meaningfully participate. Denison's intentions are expressed in its Indigenous Peoples Policy, which reflects Denison's recognitions of the important role of Canadian business in the process of reconciliation with Indigenous peoples in Canada and outlines the Company's commitment to taking action toward advancing reconciliation. Denison's approach has also been formalized through various agreements for both the exploration and development project stages. In addition to agreements signed in previous years, in 2023 Denison signed the Shared Prosperity Agreement with the English River First Nation ("ERFN"), considered to be a landmark agreement by ERFN. The Shared Prosperity Agreement provides a framework for matters considered important to ERFN, including meaningful benefits sharing, environmental protection and employment and training opportunities. Through this process, Denison has also obtained ERFN's consent to the advancement of Wheeler River. Denison continues to actively negotiate Impact Benefit

type agreements and similar arrangements with additional groups that have a meaningful connection to the Wheeler River project.

Even where there is no formalized agreement with an Indigenous community, Denison offers a proactive process with capacity support to encourage participation.

<u>Denison Mines Corp. - Indigenous Peoples</u> <u>Policy</u>

Discuss the practices and procedures while operating in areas of conflict, describing the approach according to the Five-Step Framework outlined in the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas

Denison does not operate in areas of conflict.

Community Relations

Artisanal and Small-Scale Mining

Number of company operating sites where artisanal and small-scale mining (ASM) takes place on, or adjacent to, the site (not controlled by company/unauthorized)

0

Percentage of company operating sites where artisanal and small-scale mining (ASM) takes place on, or adjacent to, the site

Does Not Apply

Report the associated risks and the actions taken to manage and mitigate these risks

Denison does not have operations in or adjacent to artisanal and small-scale mining operations.

Discuss the processes, procedures, and practices to manage risks and opportunities associated with the rights and interests of communities in areas where it conducts business

Denison's focus on community relations programs is to ensure open communication and information sharing as well as the support of community-led initiatives.

A foundational element of Denison's Indigenous relations strategy is the execution of agreements with local communities in the areas of Saskatchewan in which it operates.

At a high level, such agreements establish a framework for a cooperative and mutually beneficial relationship between the parties, which respects and is informed by the rights and interests of the Indigenous nations and communities who are parties to the agreements, with an emphasis on sharing benefits, while supporting Denison's activities in the applicable areas.

With respect to its Closed Mines operations, Denison prepares annual newsletters for the community, to ensure transparency.

<u>Denison Mines Corp. - Closed Mines Reports & Presentations</u>

Programs

Report on community relations programs, objectives and achievements in the past 3 years



Denison Corporate Social Responsibility



Promoting communication and connectivity by supporting upgrades to English River First Nation's local radio station in Patuanak, Saskatchewan..



Denison staff wearing orange shirts in recognition of the historic and ongoing legacy of the residential school system in Canada. September 30, 2023 -Canada's National Day for Truth and Reconciliation.

Denison's focus on community relations programs is to ensure open communication and information sharing as well as the support of community-led initiatives that focus on community wellness.

The program is commensurate with the size and scale of Denison, with the intention to scale up over time as Denison grows.

See the attached "Denison Corporate Social Responsibility" for details of our programs and 2023 activities.



English River First Nation and Denison Mines celebrating the signing of the Shared Prosperity Agreement Signing. September 26, 2023.

Risks and Opportunities

1:24 PM onyen.com/published/DMC_2023_Annual_730.html		
Disclose the total number of site shutdowns or project delays due to non-technical factors	0	
Disclose the total aggregate duration (in days) of site shutdowns or project delays due to non-technical factors	0	
overnance		
overnance structure and composition		
Describe the governance structure, including committees of the highest governance body (e.g. the Board of Directors, the Executives, the Board Environment Committee, Board Safety Committee, the Advisory Committee, etc.)	The Board of Directors of Denison is responsible for the stewardship of the Company, oversight of the management of the business and affairs of the Company and performing such duties as may be required by applicable legislation and regulations.	
	In 2023, the Board consisted of 8 members an had 5 committees: • Audit	
Board & Management Organizational Chart 2023	 Compensation Corporate Governance & Nominating Environment, Health, Safety & Sustainability Technical 	
	For more information on Governance, please refer to Denison's website and to the attached 2023 organizational chart.	
	<u>Denison Mines Corp Corporate Governance</u>	
Identify and list the committees of the highest governance body that are responsible for decision making and overseeing the management of the organization's impacts on the economy, environment and people including the oversight of sustainability-related risks and opportunities (e.g. Board level Environment Committee, Safety Committee, ESG Committee, Advisory Committee, etc.)	The Board has delegated primary oversight to its Committees, who then report to the Board. For example, the Audit Committee reviews certain financial and economic matter the Environment, Health, Safety & Sustainability Committee oversees management of environmental, sustainability and other social topics; and the Corporate Governance & Nominating Committee oversees most governance matters.	
elegation of responsibility for managing impacts		
Describe whether the highest governance body has appointed any senior executives with responsibility for the management of organization's impacts on the economy, environment and people (e.g., is it part of the Governance structure of the company, CEO's role, CFO's role, Sustanability Executive, etc.)	Denison's President & CEO has been appointe with the overall responsibility for the management of the organization's impacts on the economy, environment, and people. Certain duties have been delegated to the Chief Financial Officer and Vice-President with the President & CEO retaining overall responsibility for all delegated matters.	
	Denison's President & CEO, David Cates is ultimately responsible for economic, environmental and social topics related to Denison, as supported by the rest of the management team.	
Describe whether the highest governance body has delegated responsibility for the management of impacts to other employees	Denison's President & CEO regularly reports on material matters to the Board, in quarterly updates and otherwise as deemed appropriate	
	The management team reports to the Preside & CEO and, where appropriate, directly to the Committees of the Board responsible for oversight of ESG-related matters (such as the CFO reporting to the Audit Committee and th Vice President Legal reporting to the Corporate Governance & Nominating Committee).	
imate-related disclosures		

ittee(s) with responsibility for climate-related policies, strategies and issues

Denison's Risk Committee was established to oversee risk reporting to the Board and its Committees. The Risk Committee is comprised of Denison's Vice President Finance & Chief Financial Officer, its Vice President Legal, and its Director Internal Audit and Risk.

Nature of primary responsibility

Other, please specify

Denison's Risk Committee both assess and manages risks and opportunities for the

Company as a whole, including climate-related

risks and opportunities. Policy commitments Provide a description of the organization's policy commitments for responsible business conduct Denison is committed to strong corporate governance and good corporate citizenship. Denison strives for meaningful consultation with rights holders, communities of interest and others who may be impacted by its exploration and development activities. Denison adopted its Indigenous Peoples Policy, which reflects the Company's recognition of the important role of Canadian business in the process of reconciliation with Indigenous peoples in Canada and outlines the Company's commitment to take action towards advancing reconciliation. Denison also adheres to its comprehensive Code of Ethics, Anti-Bribery Policy, Workplace, Violence and Harassment Policy and Environment, Health, Safety & Sustainability Policy. Further, Denison has adopted a Supplier Code of Conduct, setting forth its expectations with respect to responsible business conduct in its supply chain. Please see links below. Denison Mines Corp. - Indigenous Peoples Policy Denison Mines Corp. - Code of Ethics Denison Mines Corp. - Anti-Bribery Policy Denison Mines Corp. - Workplace Violence and Harassment Policy Denison Mines Corp. - Environment, Health, Safety & Sustainability Policy Denison Mines Corp. - Supplier Code of Conduct What are (if any) the authoritative intergovernmental instruments that the commitments reference In expressing its intentions in its Indigenous Peoples Policy, Denison has carefully considered the standards and principles articulated by The United Nations Declaration on the Rights of Indigenous Peoples ('UNDRIP') and Call to Action 92 from Canada's Truth and Reconciliation Commission ('Call to Action 92'). Do the commitments stipulate applying the Precautionary Principle or Approach (see instructions). Yes Denison's principal policies are approved by the Company's Board of Directors. As part of the Board's oversight responsibilities and exercise of the Precautionary Approach, and in connection with Denison's Enterprise Risk Management program, Denison established a Risk Committee tasked with identifying and mitigating the risks to, and the potential impacts of, the Company's activities. The Risk Committee reports to the Board of Directors and the Committees of the Board at least twice per year. Do the commitments stipulate respecting human rights Yes Describe the specific policy commitment to respect human rights As articulated in its Code of Ethics and Supplier Code of Conduct, Denison operates in jurisdictions known for their commitments to, and enshrined protections for, fundamental human rights. Denison requires adherence to all applicable federal, provincial and state employment and human rights laws. In addition, Denison is determined to operate in a socially responsible way that respects human rights and manages human rights impacts in its operations. Further, Denison respectfully acknowledges that its business operates in Canada on lands that are in the traditional territory of Indigenous peoples. What are (if any) the internationally recognized human rights that the commitment covers Denison's commitments are broad, and include the rights of Indigenous peoples and

prohibitions against discrimination on the basis of race, colour, ethnicity, national origin, religion, gender, sexual orientation, disability or What are the categories of stakeholders, including at-risk or vulnerable groups, that the Denison adopted an Indigenous Peoples Policy organization gives particular attention to in the commitment (the "IPP") in 2021, to reflect Denison's recognition of the important role of Canadian business in the process of reconciliation with Indigenous peoples in Canada and outlines the Company's commitment to take action towards advancing reconciliation. In accordance with the IPP, Denison intends to promote reconciliation through a continuously evolving Reconciliation Action Plan based upon the following principles: Engagement, Empowerment, Environment, Employment and Education. The Reconciliation Action Plan, in part, reflects Denison's aim to be a leader in engagement with Indigenous people and communities. Provide links to the policy commitments, if publicly available, or, if the policy commitments are not Denison's corporate policies are available at publicly available, explain the reason for this the attached link, under the "Corporate Policies" section. Denison Mines Corp. - Corporate Governance Report the level at which each policy commitment was approved within the organization, including The Code of Ethics and Indigenous Peoples whether this is the most senior level Policy commitments were approved by Denison's Board of Directors. The Supplier Code of Conduct was approved by the Company's Chief Financial Officer, who oversees the Company's procurement practices and procedures. The policies have all been made available to its employees, business partners, and others directly and/or through Denison's website. Denison Mines Corp. - Corporate Governance To what extent the policy commitments apply to the organization's activities and to its business The policy commitments apply to all of the relationships Company's activities and supply chain relationships. Describe how the policy commitments are communicated to employees, business partners, and All members of the Company's Board of other relevant parties Directors and all employees of the Company are required to review and affirm their understanding of the Company's policies on an annual basis. The policies are also made available to business partners and other relevant parties in the course of contracting. **Embedding policy commitments** Describe how the organization embeds each of its policy commitments for responsible business Denison's policy commitments apply to all of its operations, including its project exploration conduct throughout its activities and business relationships and evaluation activities, regulatory activities including environmental assessments and project permitting, and human resource management. How are responsibilities allocated in order to implement the commitments across different levels Subject to the oversight of the Board, Denison's within the organization CEO is responsible for the management of the Company's business, providing leadership and vision, developing and recommending significant corporate strategies and objectives for approval by the Board, overseeing the development and implementation of, and compliance with, key corporate policies and practices regarding corporate governance, ESG, climate and sustainability, risk identification and management and financial reporting, as well as compliance with applicable legal and regulatory requirements and developing and recommending to the Board annual operating and strategic objectives and budgets. To assist the Board of Directors with its oversight responsibilities, the Board has five standing committees (the Audit Committee, the Compensation Committee, the Corporate Governance and Nominating Committee, the

	Environment, Health, Safety & Sustainability Committee, and the Technical Committee).
How are the commitments integrated into organizational strategies, operational policies, and operational procedures	The commitments are integrated into, and sometimes the focus of, elements of its strategic outlook and planning processes, procurement processes, and enterprise risk management program and is overseen by all levels of management.
What implementation training does the organization provide	Periodic Company-wide training is offered on certain corporate policies, including Denison's Code of Ethics and Supplier Code of Conduct, and on certain corporate procedures, including the enterprise risk management program.
Governance structure and composition	
Describe the composition of the highest governance body and its committees by:	
Number of executive members (non-independent)	1
Number of non-executive members (non-independent)	1
Number of independent members	6
Less than 3 years of tenure of members on the governance body	4
3-6 years of tenure of members on the governance body	2
6-9 years of tenure of members on the governance body	0
More than 10 years of tenure of members on the governance body	2
Number of other significant positions and commitments held by each member, and the nature of the commitments	As of December 31, 2023, the Board was comprised of 8 members: Mses. Sterritt, Traub and Volker and Messrs. Cates, Edgar, Hochstein, An, and Neuburger.
PDF Director Profiles	Effective March 12, 2024, Mr. An resigned from the Board and Mr. Hong was appointed effective March 27, 2024 to fill his vacancy. See attached excerpt of certain profile details as at March 28, 2024 for Denison's current directors: Mses. Sterritt, Traub and Volker and Messrs. Cates, Edgar, Hochstein, Hong and Neuburger.
Number of Male governance body members	5
Number of Female governance body members	3
Number of Non-Binary governance body members	0
Number of Gender not disclosed governance body members	0
Number of members from under-represented social groups	1
	Ms. Sterritt is Indigenous, a member of the Kispiox Band of the Gitxsan Nation in British Columbia.
Description of competencies relating to economic, environmental, and social topics	The Corporate Governance & Nominating Committee of the Board ("CGN Committee") maintains a competency matrix, reviewed annually, to assess composition of the Board and its committees and ensure it has an appropriate mix of skills and experience to govern effectively and be a strategic resource for the Company.
PDF Director Skills Assessment	Please refer to the attached Skills Matrix for further details of the 2023 skills assessment.
Description of stakeholder representation	Denison is a party to a strategic relationship

Description of stakeholder representation

Denison is a party to a strategic relationship agreement with KHNP Canada Energy Ltd., which sets forth the terms of a long-term collaborative business relationship first established in 2009. So long as KHNP Canada or an affiliate holds more than 5% of Denison's outstanding common shares, the Board must

nominate one person designated by KHNP Canada or its affiliate for election as a director at any shareholder meeting where directors are to be elected.

In 2023, Mr. Byeong Min An was designated by KHNP Canada as its nominee. Effective March 12, 2024, Mr. An resigned from the Board and Mr. Jongho Hong was appointed to fill his vacancy as KHNP Canada's nominee.

Highest Governance Body

Describe the nomination and selection processes for the highest governance body and its committees ${\sf committees}$

The Board has adopted Guidelines for the Composition of the Board of Directors, setting forth its minimum expectations with respect to the assessment of potential candidates to the Board. Such expectations include consideration of appropriate skills, experiences, and diversity to ensure the Board is comprised of members best suited for the long-term best interests of Denison and its shareholders.

The CGN Committee's mandate is to find and assess appropriate candidates for the Board, in keeping with the expectations expressed in the Board's Guidelines. Each nominee is asked to complete a detailed candidacy questionnaire and participate in interviews with the Chair of the CGN Committee as well as other members of the Board, as appropriate. The CGN Committee will assess the candidates' qualifications and make its recommendations to the Board for its approval of any director nominations and/or appointments.

Do you have a diversity policy and if so, provide details, link to the policy or attach the file

Denison values diversity across its operations, and diversity is always a consideration for director nominees and employee candidates throughout the organization. The Company also has commitments, including those expressed in the Indigenous Peoples Policy, to providing equitable access to jobs and training and creating a work environment that promotes inclusivity and diversity, such that all are welcome and employees have an opportunity to contribute to reconciliation.

Denison's Diversity Policy is attached for reference.



Report the criteria used for nominating and selecting highest governance body members

Discuss whether and how views of the stakeholders (including shareholders) are involved

Candidates are assessed for their reputation within their industry and experience with applicable stakeholders.

Discuss whether and how diversity is considered

The Company has not set specific objectives for persons with disabilities, Indigenous peoples and members of visible minorities on the Board or within the organization. However, the Company ensures its recruitment methods seek diversity amongst its candidates whenever possible, to ensure Denison's team is comprised of the best candidates without exclusion of candidates based on age, gender, sexual orientation, national origin, race, creed, ethnicity, or disability.

Discuss whether and how independence is considered

Each candidate is assessed for their independence, which is valued highly in the assessment process.

Discuss whether and how competencies relevant to the impacts of the organization are considered

The Board's Guidelines for the Composition of the Board of Directors includes an assessment of each candidate's experience in operations and industry relevant to Denison as well as their sustainability knowledge, including environmental impacts and management, climate change risks and opportunities, and stakeholder engagement.

Chair of the highest governance body

Is the chair of the highest governance body also a senior executive in the organization (non-independent)

No

Conflicts of Interest

Describe the processes for the highest governance body to ensure that conflicts of interest are prevented and mitigated $\,$

The Board takes steps to ensure directors exercise independent judgment in considering transactions and agreements in respect of which a director or executive officer may have a material interest.

PDF

Denison's Approach to Management of Conflicts of Interest

Such steps have included the adoption of the Code of Ethics, which provides examples of conflicts of interests and outlines the procedure to be followed in situations that present an actual or potential conflict of interest (including reporting such conflict or potential conflict to the Chair of Denison's Audit Committee).

Denison Mines Corp. - Code of Ethics

Are conflicts of interest disclosed to stakeholders

Yes

If there were instances of conflicts of interest in material transactions, such matters would be disclosed as appropriate.

Are there conflicts of interest related to: cross-board membership $% \left(1\right) =\left(1\right) \left(1\right)$

No

Are there conflicts of interest related to: cross-shareholding with suppliers and other stakeholders

No

Are there conflicts of interest related to: existence of controlling shareholder

No

Are there conflicts of interest related to: related parties, their relationships, transactions, and outstanding balances

No

The interests of KHNP Canada Energy Ltd. as indirect shareholder may not always be consistent with the interests of Denison and/or other shareholders, and KHNP Canada Energy Ltd.'s director nominee to Denison's Board of Directors may give special attention to its interests as indirect shareholder. No actual conflicts of interest were identified in 2023.

Collective knowledge of highest governance body

Report measures taken to advance the collective knowledge, skills and experience of the highest governance body on sustainable development. (e.g. board training)

The Board engages in regular director education.

In 2023, all of the directors were in attendance for a director education presentation by representatives of Blake, Cassels & Graydon LLP on the topic of shareholder rights plans.

The Board also encourages directors and senior management to participate in appropriate professional and personal development activities, courses and programs, and supports management's commitment to the training and development of all permanent employees.

Evaluation of Highest Governance Body

Describe actions taken in response to the evaluations, including changes to the composition of the highest governance body and organizational practices $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2} \right$

The CGN Committee is responsible for overseeing the evaluation of the Board, committees of the Board and the contribution of individual directors, including their performance with respect to governance of economic, environmental, and social topics.

In response to external evaluations, the CGN Committee and the Board have championed changes to Denison's governance practices, such as increased Board diversity and enhanced transparency in its corporate filings.

Transparency

Describe the role of the highest governance body and of senior executives in developing, approving and updating the organization's purpose, value or mission statements, strategies, policies and goals related to sustainable development

The Board is ultimately responsible for the strategic plan for Denison, taking into account its purpose, opportunities and risks.

The President & CEO has been empowered to, among other things: (i) provide leadership and vision for Denison for it to grow in a sustainable manner; (ii) develop a strategic plan for the Board's approval, and ensuring implementation

	of that plan; and (iii) oversee the development and implementation of, and compliance with, key corporate policies and practices, regarding corporate governance, ESG, climate and sustainability, risk identification and management and financial reporting, as well as compliance with applicable legal and regulatory requirements.
Describe the role of the highest governance body in overseeing the organization's due diligence and other processes to identify and manage the organization's impacts on the economy, environment and people	The Board oversees Denison's approach to risk management which is designed to support the achievement of organizational objectives, to improve long-term performance and enhance value.
	Denison's Board is responsible for overseeing the Company's risk identification, management and mitigation strategies and the risk assessment process.
	The Board has delegated greater oversight responsibilities to appropriate Board committees, as reflected in updated Board and committee mandates. Each of the committees oversees material risks within their functional area and reports to the Board on these matters and associated mitigation strategies on a periodic, and at least annual, basis.
Describe whether and how the highest governance body engages with stakeholders to support these processes	Yes; Denison endeavours to maintain open lines of communication with stakeholders, to enable it to understand stakeholder concerns and incorporate that into its strategy and operations. See "Material Topics" section for more details.
Ethics	
Ethics and Integrity	
Describe how individuals can seek advice on implementing the organization's policies and practices for responsible business conduct	The Company's Vice President Legal is directly accessible by any employees, contractors or others who may have questions or concerns about the Company's policies and practices.
Describe the mechanisms for individuals to raise concerns about the organization's business conduct ${\sf Constant}$	Individuals are encouraged directly, and through the mechanisms expressed in the Company's Code of Ethics and its Whistleblower Policy, to raise any and all concerns about business conduct. Denison Mines Corp Whistleblower Policy
	Denison Mines Corp Code of Ethics
Committee on with laws and recordations	Benison Mines Corp. Code or Etnies
Compliance with laws and regulations Report the total number of significant instances of non-compliance with laws and regulations that occurred during the reporting period and a breakdown of this total by	0
Number of instances for which fines were incurred	0
Number of instances for which non-monetary sanctions were incurred	0
Report the total number of fines for instances of non-compliance with laws and regulations that were paid during the reporting period	0
Report the monetary value of fines for instances of noncompliance with laws and regulations that were paid during the reporting period $(\$)$	0
Total number of fines paid for instances of non-compliance with laws and regulations that occurred in the current reporting period	0
Total monetary value of fines for instances of non-compliance with laws and regulations that occurred in the current reporting period (\$)	0
Total number of fines paid for instances of non-compliance with laws and regulations that occurred in previous reporting periods	0
Total monetary value of fines for instances of non-compliance with laws and regulations that occurred in previous reporting periods (\$Million)	0
Describe the significant instances of non-compliance	There have been no significant instances of non-compliance. Across Denison's varied operations, the Company focuses on and maintains compliance with environmental laws and regulations.
Describe the management system and due diligence procedures for assessing and managing corruption and bribery risks internally and associated with business partners in its value chain	Denison's operations are located in Canada. Companies in Canada are subject to a variety of local and international anti-bribery

and anti-corruption laws, including but not limited to the Canadian Corruption of Foreign Public Officials Act and the Foreign Corrupt Practices Act of 1977, as amended, in the United States.

Denison is committed to interacting with government officials, business partners, third parties and interested parties with integrity and in compliance with all applicable antibribery and anti-corruption laws.

All Company directors, officers and employees are required to annually affirm their understanding of, and compliance with, Denison's Anti-Bribery Policy.

For more information, please refer to Denison's Anti-Bribery Policy.

<u>Denison Mines Corp. - Anti-Bribery Policy</u>

onfirmed Incidents and Response	
Total number and nature of confirmed incidents of corruption	0
Total number of Bribery cases	0
Total number of Lobbying cases	0
Total number of Extortion cases	0
Total number of Cronyism cases	0
Total number of Nepotism cases	0
Total number of Parochialism cases	0
Total number of Patronage cases	0
Total number of Influence peddling cases	0
Total number of Graft cases	0
Total number of Embezzlement cases	0
Total number of confirmed incidents in which employees were dismissed or disciplined for corruption	0
Total number of contracts terminated or not renewed with business partners due to corruption related violations	0
ommunication and Training	
Total number of governance body members that the organization's anti-corruption policies and procedures have been communicated to $\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left(\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{$	8
Total percentage of governance body members that have been communicated to on anti-corruption	100.0000%
Anti-corruption policies and procedures communication to direct employees by type:	
Total number of the direct employees that have been communicated to on anti-corruption	64
	Communication of Denison's anti-bribery policies and procedures is a standard part of the Company's onboarding process for all ne hires. Additionally, all employees, officers, a directors sign annual affirmations confirmin that they have reviewed the Company's policies, including the anti-bribery policy.
Total percentage of the direct employees that have been communicated to on anti-corruption	100.0000%
Total number of governance body members that have received training on anti-corruption	5
Total percentage of governance body members that have received training on anti-corruption, broken down by region	62.5000%
Total number and percentage of direct employees that has received training on anti-corruption, broken down by employee category and region	
Total number of direct employees that received training on anti-corruption	63

One individual was noted as having not completed the mandatory anti-corruption training module during the data collection process for this ESG report. The individual was notified of the deficiency and the training was successfully completed in March of 2024.

 $Total\ percentage\ of\ direct\ employees\ that\ received\ training\ on\ anti-corruption$

98.4375%

Denison's Code of Ethics and Anti-Bribery Policy are reviewed and affirmed by employees each year.

In addition, Denison conducts periodic anticorruption and anti-bribery training, to enhance familiarity with the principles set forth in the Company's Anti-Bribery Policy and relevant matters within its Code of Ethics. Denison last completed such training in 2022.

Denison's operates solely within Canada. The Corruption Perceptions Index (CPI), by Transparency International, ranks countries around the world, based on how corrupt their public sectors are perceived to be and ranks Canada as having a relatively "clean" public sector. However, Denison does not see that as diminishing the importance of conducting its business in accordance with all applicable laws, rules and regulations and the highest ethical standards, with commitments embodied in Denison's Code of Ethics and Anti-Bribery Policy.

Remuneration

Report which of the following remuneration policies apply to the highest governance body and senior executives:

Fixed pay	Yes
Variable pay	Yes
Performance-based pay	Yes
Equity-based pay	Yes
Bonuses	Yes
Deferred and vested shares	Yes
Sign-on bonuses	Yes
Recruitment incentive payments	No
Termination payments	Yes
Clawbacks	Yes
Retirement benefits, including the difference between benefit schemes and contribution rates for the highest governance body, senior executives and all other employees	Yes
	Denison has a retirement savings benefit for all salaried employees, which is a percentage of gross pay, determined based on age and tenure of the employee irrespective of seniority or position.
Describe how the remuneration policies for members of the highest governance body and senior executives relate to their objectives and performance in relation to the management of the organization's impacts on the economy, environment and people	The Compensation Committee is responsible for the Company's executive compensation policy and determines the general

compensation structure, policies and programs of the Company for recommendation to the Board.

When determining an executive's compensation package, the Compensation Committee seeks to balance: (a) annual performance incentives, which are awarded based on success against pre-established shortterm corporate and individual goals (including health & safety performance), with (b) longterm incentive payments focused on longer term performance of the Company.

For further details of Denison's director and

executive compensation for 2023, see Denison's management information circular dated March 28, 2024. Denison Mines Corp. - Management Information Circular - March 2024

Do you provide incentives for the management of climate-related issues, including the attainment of targets

Other, please specify

Denison's program for assessing and managing climate-related risks and opportunities is focused on matters likely to impact its operations and industry, commensurate for the stage of its operations. As Denison is primarily engaged in exploration and development in the Athabasca Basin of northern Saskatchewan, with no steady-state production or other material operations, the Company's most significant climate-related issues are largely related to the operation of remote camp sites in areas susceptible to forest fires (which can be adversely impacted by climate change phenomenon). The Company's incentives around health and safety performance capture this type of climate-related risk and set targets for safe operation of sites (including forest fire preparedness).

Describe the process for designing its remuneration policies and for determining remuneration

The Compensation Committee is responsible for the Company's executive compensation policy and determines the general compensation structure, policies and programs of the Company for recommendation to the Board.

For further details of Denison's director and executive compensation for 2023, see Denison's management information circular dated March 28, 2024.

<u>Denison Mines Corp. - Management</u> <u>Information Circular - March 2024</u>

Are independent members of the highest governance body or an independent remuneration committee overseeing the remuneration process

Yes

How the views of stakeholders (including shareholders) regarding remuneration are sought and taken into consideration

The Board has adopted an annual practice of soliciting a non-binding shareholder advisory vote on Denison's approach to executive compensation at its annual general meeting of shareholders. This is a formal opportunity for shareholders to provide their views on Denison's approach to executive compensation.

The Compensation Committee, and the Board, will take the results of the vote into account, as appropriate, when considering future compensation policies, procedures and decisions.

Other stakeholder views are handled on a caseby-case basis as questions are raised.

Describe whether remuneration consultants are involved in determining remuneration and, if so, whether they are independent of the organization, its highest governance body and senior executives

Not Applicable

Report the results of votes of stakeholders (including shareholders) on remuneration policies and proposals, if applicable

In 2023, the advisory vote on Denison's approach to executive compensation was approved by 97.72% of the votes received at the meeting.

Stakeholder Engagement

Provide a list of stakeholder groups engaged by the organization

- Permanent or Full-time Employees
- Investors
- Local communities
- Local government bodies
- National government bodies
- Regulatory authorities

Tax

Describe the approach to stakeholder engagement and management of stakeholder concerns related to tax, including

The approach to engagement with tax authorities

Denison endeavours to comply with all tax laws applicable to its operations and works

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		professionally and collaboratively with tax authorities in Canada to respond to any inquiries or audit requests.
		Denison does not have a formal tax policy or regular engagement with tax authorities.
	The approach to public policy advocacy on tax	Denison does not directly engage in public policy advocacy on taxes. As members of mining industry groups, Denison may support industry positions on tax policies.
	The processes for collecting and considering the views and concerns of stakeholders, including external stakeholders	Denison's commitment to high standards of ethical behaviour and business integrity, and responsiveness to stakeholders, includes transparency into its corporate taxation.
		Denison makes annual public filings of (1) its consolidated tax position through the financial statement process, in accordance with International Financial Reporting Standards ('IFRS'), and (2) payments to governments, as required by the Canada's Extractive Sector Transparency Measures Act ('ESTMA').

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