



# Safety, Environmental, Social Sustainability and Diversity Report

*for the Year Ending December 31, 2020*

## Economic

### Local Spending

The total dollar value of goods or services sourced from local businesses relative to the total dollar value spent on exploration activities by UEX.

| <b>Year</b>  | <b>2020</b>    | <b>2019</b>    |
|--|----------------|----------------|
| Total local spending (First Nations Owned)                 | \$298,295.16   | \$1,402,071.10 |
| Total local spending (First Nations and Northern Owned)    | \$601,561.73   | \$2,175,809.62 |
| Total exploration expenditures                             | \$2,169,945.00 | \$7,682,875.00 |
| Local spending as a percentage of exploration expenditures | 28%            | 28%            |

| <b>Year</b>   | <b>2020</b> | <b>2019</b> |
|---|-------------|-------------|
| Total meters drilled  | 3,411       | 22,941      |
| Total local spending per meter drilled (First Nations Owned)              | \$87.45     | \$61.12     |
| Total local spending per meter drilled (First Nations and Northern Owned) | \$176.36    | \$94.84     |
| Total exploration expenditures per meter drilled                          | \$636.16    | \$334.90    |

### ***Results explained***

*Overall spending in 2020 decreased due to the uranium market remaining depressed and as a result local spending also decreased. However, our percentage of local spending relative to our exploration expenditures remained the same.*

### ***Definitions***

*Local Business* – A business owned by First Nations people or residents of the Northern Saskatchewan Administration District.

*First Nations Owned* – A business that is partially or wholly owned by First Nations people.

*Northern Owned* – A business located in the Northern Saskatchewan Administration District.

*Exploration Expenditures* – All expenditures relating to exploration activities. Total exploration expenditures reported in UEX financial statements.

## Local Hiring

The total number of local northern workers hired on contract to work on UEX exploration field programs. UEX operates exploration field programs on First Nations land. We strive to foster a strong working relationship with the neighboring northern communities where we operate.

| <b>Year</b>                            | <b>2020</b> | <b>2019</b> |
|--|-------------|-------------|
| Number of Field Programs               | 2           | 4           |
| Number of Local Northern Workers Hired | 0           | 9           |
| Number of UEX Field Staff              | 2           | 6           |

### ***Results explained***

*In 2019, UEX operated a winter field program on our West Bear project and a summer field program on our Christie Lake project and a fall field program on Hidden Bay. A core mapping program was also undertaken. A total of 9 northern workers were hired throughout the year to help during programs. A poor uranium market resulted in shortened programs and reduced spending in 2020. Local Northern Workers were not hired by the Company in 2020 due to travel and access restrictions imposed by local communities, the Government of Saskatchewan, and the Company's COVID policies to minimize the possibility of COVID-19 transmission by the Company's activities into local stakeholder communities.*

### ***Definitions***

*Northern Worker* – Worker hired from the local northern communities in which the Company operates.

*Exploration Field Program* – Activities which include but are not limited to diamond drilling, prospecting, and core mapping.

## **Environmental**

### **Use of Resources**

This indicator shows UEX's energy consumption within the company in Gigajoules (GJ). Energy conversions provided by the Canada Energy Regulator were used to convert our energy usage into Gigajoules. Energy is consumed by the company in the form of non-renewable fuels and electricity. Non-renewable fuels sources include gasoline, diesel, propane and natural gas. UEX does not produce its own energy.

| <b>Year</b>   | <b>2020</b> | <b>2019</b> |
|---|-------------|-------------|
| Total consumption from non-renewable fuel sources gigajoules (GJ) | 1,460       | 2,446       |
| Total consumption of electricity gigajoules (GJ)                  | 68          | 78          |
| Total consumption of energy by the company gigajoules (GJ)        | 1,528       | 2,524       |

| <b>Year</b>  | <b>2020</b> | <b>2019</b> |
|--|-------------|-------------|
| Total consumption from non-renewable fuel sources per metre drilled (GJ/m) | 0.428       | 0.107       |
| Total consumption of electricity per metre drilled (GJ/m)                  | 0.020       | 0.003       |
| Total consumption of energy by the company per metre drilled (GJ/m)        | 0.448       | 0.110       |

### ***Results explained***

*Lower levels of energy consumption between 2019 and 2020 were due to decreased exploration activities that were a result of a poor uranium market. In 2020, fewer meters were drilled and less energy was consumed due to decreased exploration activities.*

### **Direct (Scope 1) GHG Emissions**

This indicator shows UEX's Scope 1 greenhouse gas (GHG) emissions in tonnes of carbon dioxide equivalents (CO<sub>2</sub>e). Scope 1 or direct GHG emissions are produced from sources that are controlled or owned by the company and that use non-renewable fuels. Non-renewable fuels that make up our direct GHG emissions include gasoline, diesel and propane. These non-renewable fuels are used in company vehicles and to facilitate our exploration programs. UEX used the Global Warming Potential (GWP) used in the Intergovernmental Panel on Climate Change's (IPCC) Fourth Assessment Report.

| <b>Year</b>   | <b>2020</b> | <b>2019</b> |
|---|-------------|-------------|
| Total direct GHG emissions (tonnes CO <sub>2</sub> e)                     | 88          | 157         |
| Total direct GHG emissions per meter drilled (tonnes CO <sub>2</sub> e/m) | 0.026       | 0.007       |

### ***Results explained***

*Lower emissions between 2019 and 2020 were due to decreased exploration activities that were a result of a poor uranium market. Emissions per meter appear higher due to lower meterage drilled in 2020.*

### **Indirect (Scope 2) GHG Emissions**

This indicator shows UEX's Scope 2 greenhouse gas (GHG) emissions in tonnes of carbon dioxide equivalents (CO<sub>2</sub>e). Scope 2 or indirect GHG emissions are generated from the electricity and heating purchased and consumed by the company. UEX used the Global Warming Potential (GWP) used in the Intergovernmental Panel on Climate Change's (IPCC) Fourth Assessment Report.

| <b>Year</b>   | <b>2020</b> | <b>2019</b> |
|---|-------------|-------------|
| Total indirect GHG emissions (tonnes CO <sub>2</sub> e)                     | 24          | 28          |
| Total indirect GHG emissions per meter drilled (tonnes CO <sub>2</sub> e/m) | 0.007       | 0.001       |

### ***Results explained***

*UEX's corporate office is in Saskatoon, Saskatchewan. Saskatchewan relies dominantly on natural gas and coal to supply electricity to its residents. As a result, our indirect GHG emissions are considerably higher than other provinces. The electrical utility in Saskatchewan is changing the way they generate power to meet changing Federal regulatory requirements. Indirect GHG emissions per meter in 2020 are higher due to fewer meters drilled that year.*

## **Water Usage**

This indicator shows the total amount of water used by our drilling contractor to drill core. This amount does not include water used during other exploration activities or by our corporate office. Water usage is based on an estimate of 10,000 liters/day.

| <b>Year</b>                | <b>2020</b> | <b>2019</b> |
|----------------------------|-------------|-------------|
| Total meters drilled       | 3,411       | 22,941      |
| Total days spent drilling* | 47          | 273         |
| Total water usage (liters) | 470,000     | 2,730,000   |
| Water usage (liters/meter) | 138         | 119         |

### ***Results explained***

*Total water usage in 2019 was significantly higher due to the number of meters drilled. Exploration activities in 2020 were reduced due to a poor uranium market and COVID-19.*

### ***Definitions***

*Total days spent drilling – In some cases, two drills were used during exploration field programs. In these instances, two operating drills on the same day were considered to represent two days.*

## **Environmental Incidents**

This indicator discusses the number of reportable environmentally impacted sites operated by UEX.

| <b>Year</b>                                  | <b>2020</b> | <b>2019</b> |
|--|-------------|-------------|
| Number of Reportable Environmental Incidents | 0           | 0           |

### ***Results explained***

*UEX did not have any reportable environmental incidents in 2019 or 2020. UEX committed to environmental stewardship. UEX develops and implements appropriate Environmental*

*Management Systems to effectively anticipate, target, assess, mitigate and minimize environmental risks based on our activities at the time that meet or exceed the Best Management Practices published by the Saskatchewan Mining Association and all exploration permit requirements of the Government of Saskatchewan. This report is a further step towards communicating openly and being transparent with UEX stakeholders about the Company's environmental performance.*

### **Definitions**

*Environmental Impacted Site* – An environmentally impacted site is defined by the Government of Saskatchewan in the *Environmental Management and Protection Act, 2010* as an area of land or water that contains a substance that may cause or is causing an adverse effect.

*Reportable Spill* – A reportable spill is outlined in the appendix of the *Environmental Spill Control Regulations, 2015*.

## **Compliance**

This indicator discusses fines related to non-compliance with environmental laws and regulations in the countries and jurisdictions in which the company conducts its activities.

| <b>Year</b>                                   | <b>2020</b> | <b>2019</b> |
|---|-------------|-------------|
| Number of Environmental Non-Compliance Issues | 0           | 0           |

### **Results explained**

*UEX did not incur any environmental fines for non-compliance in 2019 or 2020.*

## **Social: Employment and Labour Practices**

### **Workforce Diversity**

This indicator reports the diversity of our workforce at all levels within our company and further subdivides diversity differences based on gender, ethnic origin, and age.

**Board of Directors**

| <b>Year</b>               | <b>2020</b> |          | <b>2019</b> |          |
|---------------------------|-------------|----------|-------------|----------|
| Total Number of Directors | 7           |          | 6           |          |
|                           | <b>#</b>    | <b>%</b> | <b>#</b>    | <b>%</b> |
| Women                     | 1           | 14%      | 1           | 17%      |
| Visible Minority          | 1           | 14%      | 1           | 17%      |

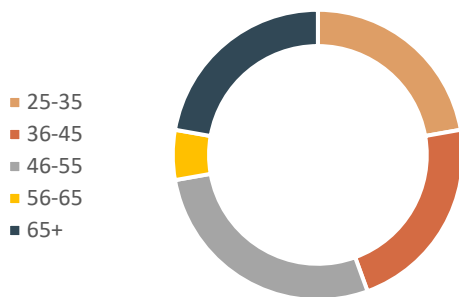
**Management**

| <b>Year</b>              | <b>2020</b> |          | <b>2019</b> |          |
|--------------------------|-------------|----------|-------------|----------|
| Total Number of Managers | 2           |          | 3           |          |
|                          | <b>#</b>    | <b>%</b> | <b>#</b>    | <b>%</b> |
| Women                    | 1           | 50%      | 2           | 67%      |
| Visible Minority         | 0           | 0%       | 0           | 0%       |

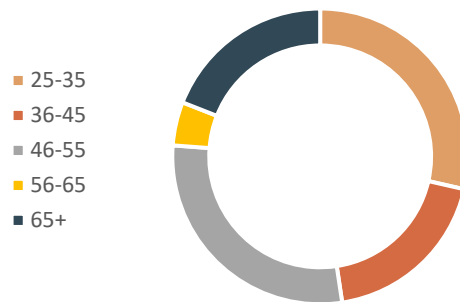
**Employees**

| <b>Year</b>               | <b>2020</b> |          | <b>2019</b> |          |
|---------------------------|-------------|----------|-------------|----------|
| Total Number of Employees | 10          |          | 13          |          |
|                           | <b>#</b>    | <b>%</b> | <b>#</b>    | <b>%</b> |
| Women                     | 5           | 50%      | 6           | 46%      |
| Visible Minority          | 2           | 20%      | 3           | 23%      |

2020 Age Diversity



2019 Age Diversity



### ***Results explained***

*Results include permanent and contract employees. UEX directly employs contract employees typically as additional support during exploration field programs. Contract employees do not include service providers to UEX. Diversity management benefits individuals, teams, our company, and our shareholders. We recognize that each employee brings their own unique capabilities, experiences, and characteristics to their work. We value such diversity at all levels of the company in all that we do.*

### ***Definitions***

*Visible Minority – Defined by the Government of Canada as “persons, other than aboriginal peoples, who are non-Caucasian in race or white in colour, regardless of their place of birth”.*

## **Health and Safety**

This indicator shows the number of employees represented by our OH&S committee. The goal of our OH&S committee is to prevent injuries and maintain a healthy work environment.

| <b>Year</b>                           | <b>2020</b> | <b>2019</b> |
|---------------------------------------|-------------|-------------|
| Total Workers                         | 19          | 22          |
| Workers Represented by OH&S Committee | 19          | 22          |

### ***Results explained***

Our OH&S Committee represents all directors, managers, and permanent and temporary employees within the company.

## **Average Radiation Dose to Workers**

This indicator shows the average radiation dose our employees who work on our exploration programs receive in a year. This does not include external contractors hired by the company complete exploration activities.

| <b>Year</b>                  | <b>2020</b> | <b>2019</b> |
|------------------------------|-------------|-------------|
| Average Radiation Dose (mSv) | 0.01        | 0.01        |

### ***Results explained***

*The average radiation dose our workers receive is 0.01 millisieverts (mSv) which is the lowest reading the government provides. It is likely in most cases that our workers record less than 0.01 mSv. The Government of Canada uses 0.10 mSv as a threshold for reportable and non-reportable doses. Any dose less than 0.10 mSv is non-reportable. The average radiation dose our workers receive is low in comparison to the total national natural background radiation*

average of 1.77 mSv or 2.4 mSv globally. Each employee who works in the Company's field exploration camp wears a dosimeter that collects readings during our exploration programs. Dosimeters are then sent to the Government of Canada for analysis.

## **Community**

### **Community Investment**

This indicator shows the total dollar value of charitable donations made by the company in a year.

| <b>Year</b>          | <b>2020</b> | <b>2019</b> | <b>2018</b> |
|----------------------|-------------|-------------|-------------|
| Charitable Donations | \$2,746.36  | \$194.45    | \$30,487.52 |

### ***Results explained***

*In 2018, UEX established and contributed to a memorial scholarship in honour of Evan Thomas as well as contributed to the Thomas Family and Humbolt Bronco's Go-Fund Me organization. Charitable donations in 2020 were made to the North West Communities Incident Command Centre which is helping to coordinate the Northwest region's response to COVID-19.*

### **References**

IPCC, 2007: *Climate Change 2007: The Physical Science Basis. Working Group I Contribution to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Solomon., S., et al. (eds.)]. Cambridge University Press, United Kingdom and New York, NY, USA

Government of Saskatchewan, 2010: *Environmental Management and Protection Act*

Government of Saskatchewan, 2015: *Environmental Spill Control Regulations*