Message from our VP of Environment and Sustainability

2018 was one more step in Detour Gold’s journey towards maturity and strength. I am proud to be part of a team that empowers our people to follow our moral compass while providing value to the community, the province and the country. We respect our Indigenous community partners and look to them to provide their input and oversight of our operations. We care for the natural environment and continue to build strong systems and processes to protect the water, plants and animals that surround us. Thank you to the great team that worked to put Detour Gold’s values in action throughout 2018 and I look forward to many more successes together in the years to come.

Ruben Wallin
VP Environment and Sustainability
Message from our President and CEO

At Detour Gold we value respect, engagement, accountability, commitment and honesty. I am proud to be leading the Detour Gold team into the future as we continue to keep the values at the forefront of all we do. I have pledged to run our business as a business; the years to come will focus on improved value for our shareholders, fair compensation for our workforce, and strong relationships with our Indigenous partners. Detour Gold has an excellent future and I am thankful for our team as we start another exciting chapter together.

Mick McMullen
President and CEO

NOTE
All dollar amounts are in Canadian dollars unless specified otherwise.
Detour Gold Corporation owns and operates the Detour Lake mine, a long-life, large-scale open pit operation in the mining-friendly jurisdiction of northern Ontario.

Currently, Detour Lake is one of the largest gold producing mines in Canada with production exceeding 600,000 ounces per year and mineral reserves\(^1\) of 15.4 million ounces of gold.

Detour Gold is in a position to deliver long-term shareholder value with its growing cash flow profile, organic growth initiatives and significant potential for further exploration discoveries on its large land package.

Detour Gold is dedicated to responsible mining and to the highest safety and environment standards and has a strong commitment to the communities where we live and work.

**CONTACT US**

Please send your comments, questions and feedback to info@detourgold.com.

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\(^1\) Mineral reserves as of December 31, 2018.
1,035 EMPLOYEES
357 COMPANIES CONTRACTED
$776M NET REVENUES (USD)

20.1 million tonnes ORE MINED IN 2018

621,128 ounces GOLD PRODUCED IN 2018
About Detour Gold

In all of our actions, Detour Gold is guided by our Mission and Values. The success of our business depends on our ability to create a safe workplace for our employees, contractors and consultants, protect the environment and respectfully engage with our Indigenous partners.

Mission & Values

Governance

Detour Gold is committed to upholding high standards of business ethics and transparency. Our Board of Directors includes nine individuals, six men and three women. Eight of our Directors are new, having joined the Board of Detour Gold in 2018. All our board members have strong track records and bring valuable experience to the table. The Board is supported by five committees: Audit, Technical, Corporate Social Responsibility, Corporate Governance and Nominating and Human Resources and Compensation.

The Corporate Social Responsibility (CSR) Committee of our board directs our sustainability efforts, with the participation of key members of the senior management team. The CSR Committee oversees health and safety, environmental and corporate social responsibility policies and practices, and is ultimately accountable for setting sustainability priorities and assessing performance.

Our Code of Ethics and Business Conduct is written to ensure that directors, officers, employees, contractors and consultants understand the importance we place on ethical conduct and the responsibility we all share.
Detour’s policies

Detour Gold operates according to the following policies that express our commitments in key areas of corporate social responsibility:

• Health and Safety
• Environmental
• Workplace Violence, Harassment and Discrimination
• Whistleblower
• Disclosure Confidentiality and Insider Trading

Associations and memberships

Detour Gold is actively involved in several groups that advance business leadership in sustainable development and the mining industry:

• Canadian Council for Aboriginal Business
• Canadian Institute of Mining and Metals
• Cochrane Board of Trade
• International Cyanide Management Code
• Ontario Mining Association
• Prospects and Developers Association of Canada
• Timmins Chamber of Commerce
• World Gold Council

This report includes information from Detour Gold’s sustainability performance for the 2018 calendar year. This report covers all aspects related to the Detour Lake mine property, the corporate office in Toronto, as well as our office, bus terminal and warehouse in Cochrane, Ontario. The previous sustainability report was published in June 2018.

Key risks and opportunities

• Safety
• Permitting
• Finance
• Environment
• Climate Change

• Human Capital
• Indigenous Relations
• Operations
• Investor Relations

Board Committees

Audit
André Falzon (Chair)
Dawn Whittaker
Chris Robison

Technical
Chris Robison (Chair)
Ron Simkus
Bill Williams

Corporate Governance and Nominating
Dawn Whittaker (Chair)
Steven Feldman
Judy Kirk

Corporate Social Responsibility
Judy Kirk (Chair)
Chris Robison
Ron Simkus

Human Resources and Compensation
Bill Williams (Chair)
André Falzon
Ron Simkus
Dawn Whittaker
Global Reporting Initiative

The Global Reporting Initiative’s updated list of disclosures on the topics of environment, economy and society formed the key guidance documents considered when defining Detour Gold’s Sustainable Development Report.

All data for this report was compiled using the online database that was initiated in support of the 2017 report. This enables a simplified year over year comparison. As part of this process, each component (environment, economy, society) was reviewed with the appropriate team lead from within the organization to confirm the materiality and completeness of the reporting topics. Topic boundaries were defined based on existing information being collected, allowing for accuracy, reliability and timeliness.

Detour Gold’s Sustainable Development team considered key activities and potential impacts to ensure balanced reporting.
Detour Gold’s team leads and materiality review by topic

**Environment**
Director of Environment and Sustainability

**Safety**
Manager of Health Safety and Environment

**Human Resources**
Vice President of Human Resources

**Aboriginal Relations**
Manager of Indigenous Affairs

**Community Relations**
Manager of Communications

**Finance**
Controller

**Material Topics**
Detour Gold strives to be an employer of choice through providing a safe and respectful work environment free from discrimination.

We offer competitive compensation and benefit packages which include long-term savings options, life insurance, and health benefits. Detour Gold also allows for special cultural leave and subsidizes parental leave for new mothers.
Workforce

In 2018, we were very pleased to welcome our new Vice President of Human Resources, whose vision is to work together through mutual respect and collaboration. The Human Resources team has been focused on developing performance-based metrics to reward our employees including:

- Health and Safety
- Environmental Performance
- Operating Cost
- Mining Performance
- Drilling Activities
- Process Plant Performance

Our Joint Collaboration Committee (JCC) is a worker/management committee that provides a forum for both parties to work cooperatively to find solutions to day-to-day issues as they arise in the workplace. There are no collective bargaining agreements in place within Detour Gold. In 2018 the key topics of discussion at JCC meetings included:

- Review health benefits
- Simplify pay statements
- Improve employee concern resolution process
- Allow for flexible scheduling
- Invest in training and development

Our workforce is described using five employee categories based on qualifications, responsibilities and level of experience. The five categories include: general employees, professionals, supervisors, superintendents and managers. For reporting purposes, managers and superintendents have been combined in most instances.

In 2018, our first two employees reached their 10-year service award. Thank you to our committed workforce!
Women in mining

We are proud of the strong women in our workforce. Although only 10% of Detour Gold’s workforce are women, they are a growing force within the Company, and we are actively seeking ways to promote their interests and support their career development opportunities. Detour Gold is also an active supporter of the Aboriginal Women In Mining program.

In 2017 and 2018, approximately 17 individuals (men and women) took parental leave. Nearly 100% of men returned to work, but less than 10% of women who took leave were employed 12 months later. No men took parental leave at the corporate office, and all women who took parental leave from the corporate office returned to work within 12 months.

At an employee category level, women earn less than men at the mine site, however an initial review of the detailed data within each employee category showed that compensation is more directly tied to level of experience than to gender. In 2019, a complete review and pay equity program is planned to help identify areas of improvement and potential programs to encourage the women in our workforce.

Gender wage gap (Women’s wage baseline at 0.00)
Combined average hours of training by employment category

23.22
MANAGERS

30.81
SUPERINTENDENTS

33.09
SUPERVISORS

34.90
GENERAL EMPLOYEES

41.58
PROFESSIONALS

Workforce by gender

Managers and superintendents

91% Women
9% Men

Supervisors

94% Women
6% Men

Professionals

32% Women
68% Men

General employees

92% Women
8% Men

Site Workforce

Corporate Workforce
Demographics

Detour Gold’s workforce is largely made up of individuals aged 30 – 49 years of age, although a good portion of professionals are under 30 years of age. The majority (69%) of employees 50 years or older are managers and supervisors.

Detour Gold’s employee turnover rate in 2018 ranged from 15 – 18%, or a total turnover of 150 individuals, 142 from the mine site and 8 from the corporate office. The combined average absentee rate in 2018 was 4.3%. Transition assistance includes external coaching, skill development, resume writing and interview preparation in order to assist personnel who are transitioning to new employment.

The turnover rate ratio of women:men was 1:5.67 at the mine site and 1:1.67 at the corporate office. Most of the turnover from the corporate office were local employees (75%), however only 50% of those who left site-based employment were local.

We hired 159 staff members in 2018, 153 at the mine site and 6 at the corporate office. All of the hiring from the corporate office was from the local region, whereas approximately 28% of new staff hired to site were considered local. At the corporate office there was an equal amount of women to men being hired, and at the mine site for every women hired (10), 14 men were hired (143).

Every new employee receives 21 hours of onboard training. Training is focused on health and safety requirements, cultural awareness, and job readiness. The average employee received 32 hours of training in 2018. The average hours of training received by women compared to men, expressed as a ratio was 1:1.14.

Indigenous training

Our Indigenous training program included support for seven individuals from our Indigenous partner communities to work towards their trade certification of heavy-duty mechanics and industrial millwright mechanics. In 2018, two individuals achieved their certification. The program was available to both new hires and to individuals that have been with Detour Gold for several years. In addition to the focus on trades, one individual completed Detour Gold’s Indigenous supervisory training program in 2018, an initiative which provides opportunities for Indigenous staff members to grow and obtain leadership roles within the company.
Proud to be Detour
Detour’s Health and Safety Policy is to empower our workers to not only follow regulations but also promote a safety culture.

We focus on assessment of risks, open communication and continual improvement through our daily inspections, monthly Joint Health and Safety Meetings and ongoing innovation.
In 2018 we reached more than 4 million hours without a long-term incident!
Prioritizing Safety

Detour Gold’s Health and Safety management system is assessed annually, and areas of growth and improvement are prioritized. The site-wide risk assessment is also reviewed and updated annually, in compliance with *Ontario Regulation 854*.

In 2018, the Health and Safety team:

- Formalized additional elements of safety management
- Provided support to operating departments
- Improved contractor safety management
- Implemented a new *Incident Management Plan*

Our top Health and Safety priorities for 2019 are:

- Undertake a Critical Risk Assessment
- Maintain and test the *Incident Management Plan*
- Complete our International Cyanide Code Certification
- Strengthen the Detour Gold Industrial Hygiene Program

**International Cyanide Management Code**

At Detour Gold we’re committed to safety. Our commitment to become certified under the International Cyanide Management Code has been a key focus and proud accomplishment since we became a signatory in 2017. The goal of the certification process is to help protect the community, environment and employees.

In 2018, we updated our crisis communication plan to improve the links between our team and local health providers, including hospitals. We included our workforce in the development of a long-term health and safety strategy, including bi-weekly committee meetings.

Additional safety training was also undertaken to allow for:

- Ongoing operator checks and reporting
- Improved housekeeping: spills, salts, crystallization
- Non-destructive testing of cyanide tanks
Health and Safety performance

The 2018 total recordable injury frequency rate (TRIFR\(^2\)) at the Detour Lake mine was 2.05, compared to 1.8 in 2017. Approximately 14% of these reported incidents were considered Near Miss or High Potential events.

We have identified the following organizational factors as contributing to our TRIFR, and have committed to improvement in these areas:

- Training
- Procedures
- Maintenance Management

In 2019, our goal is to achieve a reduction in our 12-month rolling TRIFR on a monthly basis.

We are proud to report that we achieved 11 months in 2018 without a Lost Time Incident. The overall number of injuries increased from 2017, partly due to increased reporting and diligence by our workforce.

Joint Health and Safety Committee

Detour Gold employees are represented by a Joint Health and Safety Committee (JHSC) in the corporate office and at the mine site. The JHSC at the mine site is composed of worker and management representatives (34 people in total, or 3.5% of our workforce) who are committed to improving health and safety conditions in the workplace.

Continual improvement

As a standard practice, The Ministry of Labour (MOL) regularly inspects the Detour Lake mine site to ensure we are operating in a safe way that protects our employees. In 2018, 108 orders were issued by the MOL. The majority of the orders received (51) were part of a special activity undertaken by the MOL called a “Point in Time” audit. This very detailed audit included three MOL inspectors on site for a period of three days. The audit was a highly detailed review and verification of all systems in places at the processing plant. All orders have been resolved within the deadlines imposed.

Risk register

Detour Gold maintains a site-wide risk register, which lists and quantifies the risks to site. This register was updated twice in 2018 and will be used for the 2019 Critical Risk assessment. The process of identifying critical risks is a key activity for 2019. The risk registers from earlier years will serve as the basis for a complete and systematic review of each risk and the starting point in the identification of the critical risks, and their mitigation.

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2 TRIFR measures the number of medical treatment, restricted work and lost-time injuries per 200,000 hours worked by employees and contractors on our sites.
Detour Gold’s approach to Indigenous relations guides our work and helps us achieve our goal of a fully integrated and excellent Indigenous engagement program throughout Detour Gold Corporation.

**OUR APPROACH**

<table>
<thead>
<tr>
<th>Acknowledge Indigenous Territory</th>
<th>Celebrate Indigenous Culture</th>
<th>Promote Growth and Healing in the Communities</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Integrate traditional knowledge</td>
<td>• Educate our workforce</td>
<td>• Provide employment and contracting</td>
</tr>
<tr>
<td>• Minimize environmental impact</td>
<td>• Celebrate traditions</td>
<td>• Create a positive legacy</td>
</tr>
<tr>
<td>• Include and inform our partners</td>
<td>• Support Indigenous workforce’s cultural practices</td>
<td>• Support healing through projects and sponsorships</td>
</tr>
</tbody>
</table>
Detour Gold supports local community cultural initiatives including traditional knowledge and land use studies. We strive to bring communities and community members together to share their thoughts on our project and their knowledge of the land.

Our environmental team at the mine site includes four environmental monitors, each of whom represent one of the Indigenous communities. We also actively work with communities through implementation committees and environmental working groups.

Each new employee receives cultural awareness training which provides context and history of the Indigenous people who have traditionally used the land where the DLM is located.

In 2018, Detour Gold partnered with a local Indigenous land user to create a cultural awareness display at site. The project’s goal is to provide insights for employees to better understand local history and First Nations culture through storyboards and artifacts.

Detour Gold’s approach to working with Indigenous communities is to respect their existing processes and desired level of engagement. We actively engage through phone calls, meetings, letters and report sharing.

Site tours

In 2018, we hosted 5 site tours for our Indigenous partners. Environmental coordinators from two different communities visited the site to participate in field work. Elders and councilors were provided tours of the Open Pit, the Tailings Management Area and the Mine Rock Stockpiles. They also met with their fellow community members who are part of Detour Gold’s workforce.

Community visits and meetings

Detour Gold staff members travel to the communities regularly for community celebrations and job fairs, as well as for scheduled information sharing or committee meetings. In 2018 community visits included discussions about Detour’s planned expansion project, the West Detour Project and our long-term Closure Plan.

Technical comments and review

Detour Gold provides funding for third party technical review of many of our regulatory permits. Our policy is to share permit applications with our Indigenous partners prior to submission to government. This pre-consultation approach allows for more fulsome involvement with project planning and design.
2018 Community dialogue

Water Management 💧
Employment  Climate Change
Fish & Fish Habitat  Land Use  Traditional Knowledge
Permitting Process  Caribou
Information  Sharing
Accidents and malfunctions  Wildlife
Celebrating Indigenous culture

National Indigenous Peoples Day (NIPD)

2018 was the 6th year that NIPD has been celebrated at the DLM site. On the morning of June 21, a sunrise ceremony was conducted in a Tipi set up at the Little Hopper Lodge to acknowledge the arrival of the first day of summer.

The day was celebrated with the Young Eagle Singers as the annual host drum. We had 15 traditional dancers in category of: Men's Traditional Dancers, Women's Jingle Dancers, Women's Fancy Shawl Dancers & Women's Traditional Dancers and the O’Mushkegowuk Mother Clan Hand Drum singers.

There were Indigenous cooks who came in to prepare and cook geese, moose stew, fish fry, bannock and more in the Shaputuan structure. The Indigenous cooks were from each of Detour Gold’s partner communities, Taykwa Tagamou Nation, Moose Cree First Nation and Wahgoshig First Nation.

Employment and contracting

Approximately 21% of the Detour Gold workforce self-identified as Indigenous in 2018.

A total of 47 contracts were awarded to Indigenous businesses in 2018, totaling more than $158 million and representing approximately 24.3% of Detour Gold’s total 2018 procurement budget.

Projects and sponsorships

Detour Gold invests in communities through education and training programs, direct payments, sponsorships and donations. Our 2018 donations to Indigenous community partners totaled more than $80,000 including sponsorships of community annual general meetings, summer student programs, sports programs and community celebrations.
2018 Donations to Indigenous communities

- Celebrations & gatherings
- Health & active living
- Youth & education

2018 Indigenous workforce (in number of people)

- Local Indigenous
- Non-local Indigenous

<table>
<thead>
<tr>
<th>Year</th>
<th>Local Indigenous</th>
<th>Non-local Indigenous</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>116</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>133</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>147</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>156</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>152</td>
<td></td>
</tr>
</tbody>
</table>
Detour Gold is committed to sustainable development, which includes taking additional measures to ensure responsible consumption of fossil fuels.

Our No Idling Policy promotes the preservation of non-renewable natural resources.

This policy has been established to:

• Promote respect for the surrounding natural environment;
• Prevent unnecessary emissions; and
• Optimize equipment availability and utilization.
KEY GOALS

- Implementing a standard filing system and formal auditing program
- Formalizing management programs for significant environmental aspects
- Setting clear and measurable energy and GHG targets
- Implementing and improving an on-site waste management and diversion plan
- Updating and revising our site wide water balance to meet changing needs
Our team

In 2018, our environment team on site continued to strengthen and grow. We expanded our team to include Indigenous Affairs (IA) with the appointment of a Manager of Environment and Sustainability. Integration of IA will allow for stronger implementation of existing agreements and commitments to our Indigenous partners. Newly created community liaisons positions provide strong links to members.

Environmental Management System

Detour Gold remains focused on the development of its Environmental Management System (EMS) to allow for improved environmental performance and design. Our goal is to formalize our EMS to ISO 14001 standards over the coming years with an end goal of achieving and maintaining certification.

Environmental regulations

Detour Lake mine requires many environmental permits and provides annual reporting on the status of our environmental performance to government and Indigenous communities. We have an extensive environmental monitoring network including surface water, groundwater, air and noise.

Detour Gold uses controlled substances in our operations, and as such we are subject to the Toxics Reduction Act. In 2018, we reduced the volume of cyanide by adding lead nitrate to our processing plant.

Water management

We are proud of our water management system which allows us to re-use 97% of process plant water and serves to protect the aquatic environment. In 2018, our fish habitat project in Karel Creek provided refuge and spawning sites for brook trout, an important cold-water fish species.

Water withdrawals from the environment remained similar to 2017, with most of the water taking coming from the TMA reclaim to keep it dry.
Annual use of controlled substances (Mt)

<table>
<thead>
<tr>
<th>Year</th>
<th>Substance</th>
<th>Mt</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>Lime</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Caustic</td>
<td>639</td>
</tr>
<tr>
<td></td>
<td>Anti-Scalant</td>
<td>407</td>
</tr>
<tr>
<td></td>
<td>Sodium Metabisulphate (SMBS)</td>
<td>10,605</td>
</tr>
<tr>
<td></td>
<td>Copper Sulphate</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>Cyanide</td>
<td>740</td>
</tr>
<tr>
<td></td>
<td>Flocculant</td>
<td>211</td>
</tr>
<tr>
<td></td>
<td>Sulphur Dioxide</td>
<td>621</td>
</tr>
<tr>
<td></td>
<td>Lead Nitrate</td>
<td>1,270</td>
</tr>
<tr>
<td></td>
<td>Diesel (L)</td>
<td>78,915,831</td>
</tr>
<tr>
<td>2018</td>
<td>Lime</td>
<td>15,760</td>
</tr>
<tr>
<td></td>
<td>Caustic</td>
<td>713</td>
</tr>
<tr>
<td></td>
<td>Anti-Scalant</td>
<td>411</td>
</tr>
<tr>
<td></td>
<td>Sodium Metabisulphate (SMBS)</td>
<td>8,935</td>
</tr>
<tr>
<td></td>
<td>Copper Sulphate</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>Cyanide</td>
<td>649</td>
</tr>
<tr>
<td></td>
<td>Flocculant</td>
<td>260</td>
</tr>
<tr>
<td></td>
<td>Sulphur Dioxide</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Lead Nitrate</td>
<td>1,753</td>
</tr>
<tr>
<td></td>
<td>Diesel (L)</td>
<td>82,973,092</td>
</tr>
</tbody>
</table>

Annual process plant water use (in m³)

Annual water withdrawals from freshwater and groundwater sources (in m³)
**Biodiversity and wildlife**

The Detour Lake mine is located in the Canadian Shield surrounded by forest, ponds, lakes, and muskegs. The region is home to large mammals including caribou, moose, wolf, bear, and fur bearing animals such as lynx, beaver, fox. It is also home to nine species identified as threatened by the IUCN.

**Healing the land**

Detour Gold has been working closely with government and Indigenous communities to update our long-term closure planning. Approximately 10 mine review committee meetings took place between 2017 – 2018 to discuss:

- Long-term water quality predictions
- Mitigation for potential acid generation
- Financial assurance
- Reclamation research and goals
- Land capability mapping

2018 also marked the first year that progressive reclamation planning began on the mine rock stockpiles.

**No Net Loss**

The Detour Lake mine is located within the Kesagami Woodland Caribou Range which is home to a protected caribou population. Detour Gold has invested in caribou research since 2013 and was a Gold sponsor at the North American Caribou Workshop. We are actively working with government, forestry, Indigenous, academics, and environmental organizations to prepare an overall benefit plan which would include both short-term and long-term measures for local caribou habitat creation and restoration.

In 2018, the DLM Main Pit Extension resulted in a small fish-bearing pond being overprinted. A new pond was constructed based on feedback received by Indigenous communities and regulators. The new pond will be monitored on an annual basis to ensure successful fish colonization.

Detour Gold is also working with government and Indigenous communities to identify best options for future fish habitat compensation from the planned West Detour Project which will result in overprinting 11 kilometres of creeks and 15.4 hectares of lake habitat within Linden Creek, Lindbergh Creek and Walter Lake.

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### Threatened Species present at Detour Lake mine

<table>
<thead>
<tr>
<th>Wildlife at DLM</th>
<th>IUCN least concern</th>
<th>IUCN vulnerable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Brown Myotis</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Common Nighthawk</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Bald Eagle</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Barn Swallow</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Bank Swallow</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Lake Sturgeon</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Rusty Blackbird</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Olive-sided Flycatcher</td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>

Note: as defined by the International Union for Conservation of Nature.
Planned fish habitat creation areas

Grey: Existing mine  Yellow: West Detour extension  Black dotted Line: Replacement area
Waste management

In 2018, 150 million tonnes of material were moved, 68 million tonnes of which was waste rock. Waste rock is deposited into two separate areas based on its acid generation potential.

Detour Gold also manages non-hazardous waste created from operations and domestic waste created by our workforce. In 2018, Detour carried out an audit of the on-site landfill to determine its remaining capacity and opportunities for waste diversion. The study showed an opportunity to extend the landfill’s capacity for the remaining mine life (22 years) by diverting cardboard, organics, wood waste, and scrap metal. In 2018, approximately 28,000 m³ of non-hazardous waste was sent to the landfill, and we recycled 457 kg batteries and 4,198 tonnes of steel. In 2019, our plans include purchase and operation of organic waste dehydrator at the Sagimeo Lodge, to reduce volumes sent to landfill.

A Waste Management Strategy Committee was formed in 2018 to move forward with diversion opportunities, improve current procedures, and decrease risks associated with hazardous waste storage. In 2018, 1,708 m³ of hazardous waste was transported off site, none of which was shipped internationally.

Spill response

In 2018, a total of 154 spills were recorded, 14 of which were reportable to government based on the nature of the substance, the volume and/or the location of the spill. The overall number of spills was reduced from 2017, however the number of reportable spills doubled. The volume of reportable spills was also much higher in 2018, mainly because of two uncontrolled releases of water: one which occurred at the processing plant and one which occurred during the construction of the TMA Cell 2.

Detour Gold is currently working with the Ministry of Environment regarding an unauthorized water release during TMA Cell 2 construction. The large volume of water released to the environment was considered an incident of non-compliance and is under review by the enforcement branch. After the incident, samples were taken from nearby water bodies and the results showed no evidence of impact to the environment.
Air quality

As the Detour Lake mine continues to advance, dust management measures are becoming more important. In 2018, Detour Gold undertook a trial to test the effectiveness of chemical dust suppressants on the main haul road. The dust monitoring program is also planned to expand to human receptors nearby.

In 2018, we exceeded total suspended particulate limits on three separate dates throughout April and May.

Climate change and greenhouse gas emissions

In 2018, Detour conducted a climate change risk assessment with the input of our Indigenous community partners. The assessment identified the ways in which the climate interacts with the mine site components and highlighted areas of potential risk. The highest risks identified to date were to transportation, electricity, and water management systems, due to potential droughts and high intensity rainfalls.

In 2018, Detour also hired a full-time energy manager who focused on compiling baseline energy data and identifying potential areas for savings and reductions. Detour Gold’s annual GHG emissions increased to approximately 233,000 tonnes of CO₂ in 2018 (83 million litres of diesel purchased). Our 2018 electrical use was approximately 747,000 MWh.
The value of our work

Detour Gold is proud to be a vital component of Northern Ontario’s economy. Our mineral reserve of 15.4 million ounces is equivalent to approximately 40% of the mineral value of the Ring of Fire.
Community investment

Since beginning commercial production in 2013, the Detour Lake mine continues to achieve a growing production rate year over year. In 2018, we produced our largest number of ounces to date, totalling more than 620,000 ounces of gold valued at more than $1 billion dollars. The workforce at DLM has also increased over time to more than 1,000 people in 2018, 60% of which are considered local (residing within Northeastern Ontario).

Detour Gold is represented on the Board of Directors of the OMA, and our staff members participate in various OMA committees including energy and innovation, environment and Indigenous relations. As part of our membership fees and support for their work, Detour Gold contributed $137,000 to the OMA in 2018. OMA’s mission is to improve the competitiveness of Ontario’s mining industry, while promoting safety and sustainability.

CAMA acts as an instrument for the advancement of Aboriginal community economic development, mineral resource management and environmental protection. Detour Gold contributed $3,955 to CAMA in 2018.
Investments

Detour Gold has invested strongly in the local community over the past five years. We are proud of our direct contributions and recognize the many indirect and induced economic opportunities that are important to the local economy. 2018 annual spending by Detour Gold has created direct, indirect and induced jobs totalling an estimated 4,024 positions.

The DLM is planned to operate until 2042, representing long-term benefits through jobs and training. Our 2018 operating costs, including exploration activities equaled $649M.

Detour Gold's contribution to the economy in 2018 was more than $825M through:

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$157M</td>
<td>Wages and benefits</td>
</tr>
<tr>
<td>$20M</td>
<td>Employee taxes</td>
</tr>
<tr>
<td>$650M</td>
<td>Contracts</td>
</tr>
</tbody>
</table>

Donations

In 2018 we donated approximately $150,000 to local and Indigenous communities. The focus of our donations were on education and youth, health and active living, environment and Indigenous culture.

2018 Corporate donations

- Indigenous culture: $17,500
- Health and active living: $80,000
- Education and youth: $14,250
- Local celebrations: $20,000
- Wildlife and environment: $17,400

2018 Economic value

- $12.6M (USD) Payments to providers of capital
- $85.8M Tax credits (HST)
- $150K Payments to Government of Ontario
- $776M (USD) Net revenues
- $4.7M Payments to Indigenous communities
- $128M Value Retained