



connect

Volume 20, 2017

LIVING OUR VALUES

Courageous Safety
Leadership

At the Heart of Safety at Teck

Operators in the
High-Tech Driver's Seat

Remote Dozer in Action at
Coal Mountain Operations

A New Era of
Health Care

Teck Acute Care Centre Opens at
BC Children's Hospital

Teck



Teck Named One of Canada's Top 100 Employers

Teck is proud to be recognized as one of Canada's Top 100 Employers by Mediacorp, Canada's largest publisher of employment periodicals.

"This award is a reflection of our talented and engaged employees whose commitment, enthusiasm and ability is critical to our ongoing success," said Don Lindsay, President and CEO. "Teck is focused on building a culture of safety and employee engagement while supporting diversity, innovation and leadership development across our workforce."

Canada's Top Employers program recognizes companies for exceptional human resources programs and forward-thinking workplace policies, and grades employers on eight criteria, including training and skills development, vacation and time off, and health, financial and family benefits.

For more information about Canada's Top 100 Employers for 2018, including the full list and why Teck was selected, go to www.canadastop100.com/national



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On the Cover

Bob Porter
Plant Electrician, Process Maintenance
Line Creek Operations

Thank You

Many thanks to those who contributed to and participated in this issue of *Connect*:

Catherine Adair, Community Relations Leader, Trail Operations; Adrian Anzulovich, Project Coordinator, Teck Digital Systems, Vancouver office; Barbara Brice, Senior Human Resources Generalist, Pend Oreille Mine; Wes Brulotte, Manager, Procurement, Teck Digital Systems, Vancouver office; Alannah Cervenka, Leader, Community Investment and Partnerships, Vancouver office; Pamela Chait, Manager, Corporate Affairs, Santiago office; Ben David, Senior Engineer, Mining, Coal Mountain Operations; Rebecca Edwards, Communications Coordinator, Community & Government Affairs, Sparwood office; Ariell Foran, Haul Truck Operator, Greenhills Operations; Corey Fowler, Shovel Operator, Coal Mountain Operations; Nora Lozano, Director, Health & Safety, Vancouver office; Jaime Mendoza Gallardo, Technical Instrumentation, Mine, Carmen de Andacollo Operations; Chad Pederson, Manager, Communications Planning, Corporate Affairs, Vancouver office; Danny Rioux, Manager, Business Improvement, Trail Operations; Jacqui Schneider, Senior Community Affairs Officer, Highland Valley Copper; Michael Schwartz, Manager, Market Research, Toronto office; Lin Zhang, General Manager & Director, Base Metals Marketing



Welcome

With the holidays nearly upon us and 2017 drawing to a close, I'd like to take this opportunity to reflect on and celebrate all that we have accomplished this past year—individually, as teams, and as a company.

We are finishing 2017 in a strong financial position, having recently achieved record adjusted EBITDA—a key financial performance indicator—of \$6.1 billion over 12 months. The last time we saw anything even close to this was 2011. This accomplishment is a direct reflection of the hard work across our operations to focus on cost control and optimize production from our core assets.

This success comes on the heels of one of the longest and deepest downturns in our industry's history—it's incredible how our employees have adapted to the changing conditions and have stayed focused on the steps we needed to take to emerge stronger.

Thank you to all our employees for making this possible.

And while strong operating results and record financial performance are very important to the health of our company, the fact that we accomplished this while also significantly improving our safety performance and continuing to make good progress on our sustainability goals are absolutely paramount.

To me, this is what it means to be Living Our Values, the theme of this issue of *Connect*.

Our values—safety, sustainability, integrity, respect, courage and excellence—are rooted in everything we do at Teck. They truly are the Teck way, and we've seen some great examples in 2017.

In "Courageous Safety Leadership: At the Heart of Safety at Teck", we take a look at how far we've come in establishing our culture of safety, from 2009 to today. During this time, I have seen a tremendous shift in our attitudes about safety, driven by our deep personal commitments to safety leadership and having the courage to speak up.

In 2017, we continued rolling out the fourth phase of CSL, Exploring our Culture of Safety. At the heart of CSL4 is the concept of Safe Production, with teams working together to identify how safe production can be achieved so that everyone can—and does—go home safe and healthy every day.

In line with our focus on Safe Production, we are also looking at how advances in technology can improve our business. In "Remote Dozer Puts Operators in High-Tech Driver's Seat", we look at how Coal Mountain Operations is using a remote dozer to access coal that was previously too hazardous to reach. The video that accompanies this article shows this remarkable technology in action.

In "Committed to Excellence", we profile the 30 employees who were recently announced as recipients of 2017 Excellence Awards, a program

that recognizes the outstanding achievements, leadership and innovations of our employees. The remarkable stories I hear and the people I meet through this program make it abundantly clear that our core value of Excellence is as strong as ever at Teck.

As we look to 2018, we know it will once again be a busy year and there is a lot to look forward to.

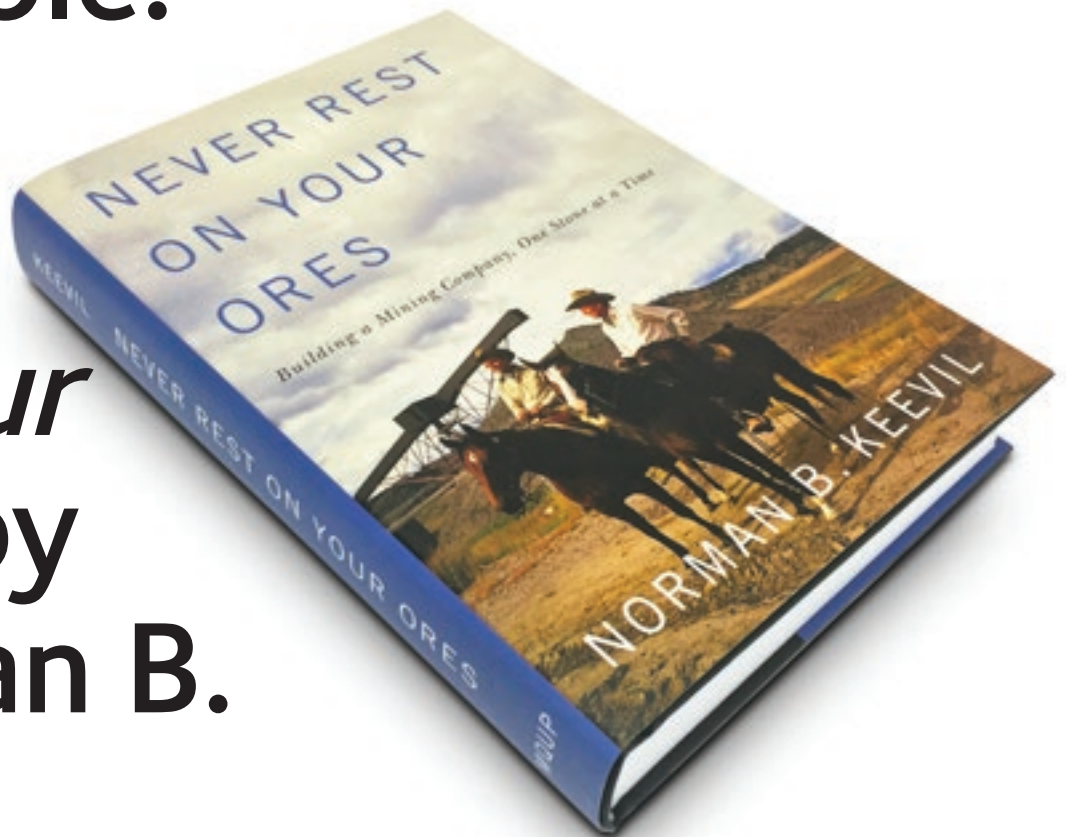
As always, our employees' remarkable commitment to safety, sustainability and productivity will continue to drive our business and position us for success in 2018 and beyond.

On behalf of myself, the Senior Management Team, and our Board of Directors, I want to express sincere appreciation to all employees for your dedication and commitment to living Our Values every day, and for your tremendous work over this past year.

I wish you and your loved ones a safe and happy holiday season.

Don Lindsay
President and CEO

Now Available: *Never Rest on Your Ores* by Norman B. Keevil



Never Rest on Your Ores, a new book by Teck chairman Norman B. Keevil, is a lively and detailed look at how Teck was built from the ground up.

Covering 100 years of Canadian mining and business history, the book discusses the discovery and building of mines, the mechanics of financing in a volatile and cyclical industry, and the role of mergers and acquisitions in building a Canadian mining company.

It provides a unique behind-the-scenes look at the business leaders, politicians and colourful characters who have played a key role in shaping Canada and the global mining industry.

Copies are available in major bookstores or can be ordered directly from the McGill-Queen's University Press website at www.mqup.ca

COURAGEOUS SAFETY LEADERSHIP: AT THE HEART OF SAFETY AT TECK

Safety is a core value at Teck, and we believe we can operate without fatalities or serious injuries. This belief is at the heart of Courageous Safety Leadership (CSL), which was introduced in 2009 and is central to our safety strategy at Teck.

CSL is a journey—for each of us individually, within our teams, and for our company—one on which we are constantly strengthening our culture of safety. Here, we take a look at how CSL has evolved since being introduced at Teck, and where we're headed with our current CSL programs: CSL4 and Introduction to CSL.

Our CSL Journey

In CSL, Mount Everest is used as an analogy for our safety journey, providing a visual representation to help examine the values, beliefs, attitudes and behaviours needed to move our safety culture forward, and achieve the vision—our summit—of everyone going home safe and healthy every day.





2016 – Ongoing CSL4: Exploring Our Culture of Safety rolled out

CSL4 provides an opportunity for teams to work together to advance our culture of safety, by exploring our safety journey to date, identifying safety strengths and opportunities, and looking at how safe production can be achieved.

Milestone: To date, almost 5,200 employees and contractors have completed CSL4

2016 Safety Culture Survey conducted

Teck's first company-wide survey gathered insight and feedback from employees and contractors about our safety culture. More than 5,700 people completed the survey, providing a wealth of information on where we've made progress and where we must continue to improve. Outcomes, including a focus on safe production, were used in the development of CSL4.

2012 Courageous Safety Leadership, Next Steps (CSL3) developed

CSL3 renewed our focus on CSL and reminded us of key concepts. In CSL3, participants were introduced to the Swiss Cheese Model, where workplace hazards are compared to the holes in a slice of Swiss cheese. This model illustrates the many layers of safety that block the holes and prevent an incident from occurring; highlighting how every employee can add new layers to our safety systems to create a safer working environment.

Milestone: To date, over 16,000 employees and contractors have completed CSL and CSL3

2009 Courageous Safety Leadership (CSL) first introduced at Teck

CSL transformed how we think about safety, making it clear that safety is a core value, and that it starts with each of us having the courage and responsibility to speak up. CSL is a values-based approach to safety that challenges existing beliefs and attitudes, and empowers every employee to be a safety leader. In CSL, we also learned about the ripple effect our safe work choices can have on our family, friends and coworkers.

Our Safety Accomplishments

Our safety performance has improved steadily since the introduction of Courageous Safety Leadership in 2009, both in the frequency of high potential incidents, and how often incidents are resulting in injury.

Where We Are Now

CSL4

In late 2016 we started rolling out the next phase of CSL, CSL4: Exploring Our Culture of Safety.

A key component of CSL4 is a team-based approach. CSL4 sessions are organized and attended by working teams—people who work together day-to-day—and are facilitated by their supervisor, with support from a CSL4 Champion and management.

“Supervisors are really doing a great job leading their teams through CSL4,” said Lawrence Watkins, Vice President, Health and Safety. “As a result, teams are having important conversations around our safety strengths, opportunities and safe production challenges.”

To date, almost 5,200 employees and contractors have participated in CSL4, with all employees and contractors expected to participate by the end of 2018.

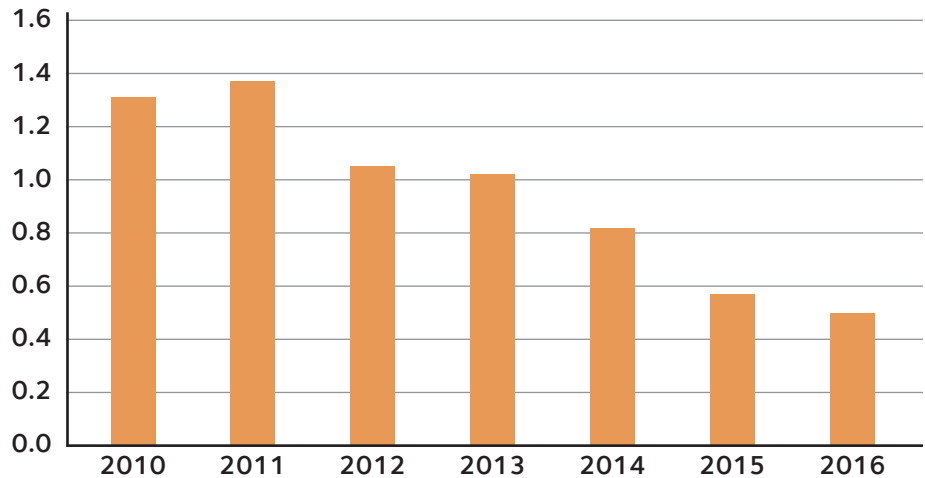
Introduction to CSL

In 2017, development also began on Introduction to CSL, which will be rolled out to all new employees starting in late 2017 and into 2018. Combining components of CSL1 and CSL3, Introduction to CSL introduces new employees to key concepts related to CSL, embedding the culture of safety, and instilling safety as a core value.

Introduction to CSL also contains updated, refreshed and new content, sharing some of the positive change stories that have resulted over the course of Teck’s CSL journey. ■

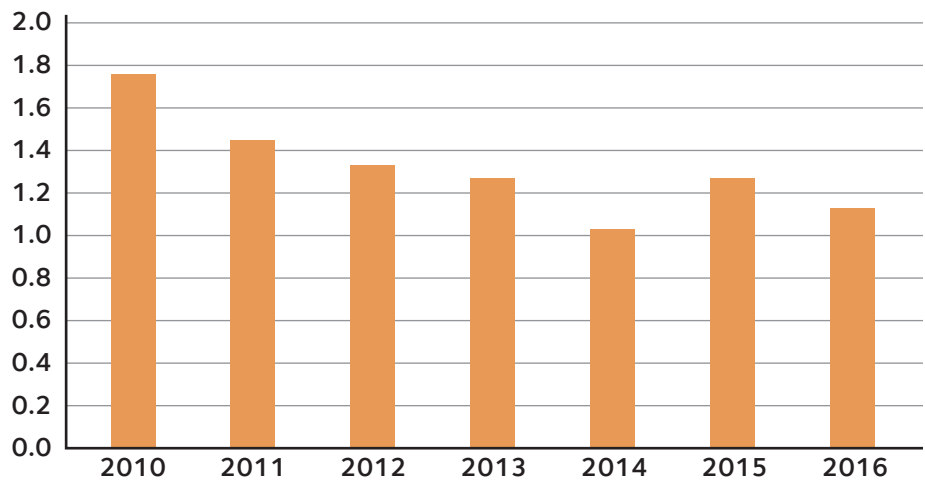
Teck High Potential Incident Frequency

Per 200,000 hrs



Teck Injury Frequency

Per 200,000 hrs



The end of a CSL4 session is actually the beginning of the CSL4 experience. To achieve success, CSL4 requires ongoing conversations, commitment and accountability by everyone.

Nora Lozano
Director, Health and Safety



One of the positive change stories shared during Introduction to CSL is from our Pend Oreille Mine in Washington state. There, Kim Caudill, an Underground Miner, played a critical role in speaking up about a dangerous task that had been done the same way for many years, causing potential for serious harm. Kim's concern was brought forward to supervisors and mine management, and a Work Team Risk Assessment (WTRA) was performed. As a result, the process was re-engineered, making for a much safer work environment.



To watch the full story, visit teck.com/connect

Mine Rescue Milestones

After success in provincial competitions earlier this year, Teck's mine rescue teams achieved top rankings at the 2017 National Western Region Mine Rescue Competition in Fernie, B.C. in September.

The Greenhills Operations Mine Rescue Team was awarded first place for best score in the overall surface competitions, with top scores in best first aid and best extrication.

Elkview Operations Mine Rescue Team won the best written, best practical bench and best fire categories at the event.

Cardinal River Operations Mine Rescue Team also participated and put forward a strong performance in the competition placing fourth overall, having qualified as a result of their First Overall Aggregate ranking at the 2017 Alberta Provincial Mine Rescue Competition.

Members of these teams are to be commended for their hard work and dedication, and for demonstrating true skill and excellence in safety leadership.

Congratulations on these achievements and for exemplifying our company's core value of safety. ■



Above, below: Greenhills Operations Mine Rescue Team in competition events.

Opposite, above and below right: Elkview Operations Mine Rescue Team in competition events

Opposite, below left: Cardinal River Operations Mine Rescue Team.



Committed to Excellence

Congratulations to our 2017 Excellence Award recipients from throughout the company.

Established in 2008, Teck's Excellence Awards program recognizes the outstanding achievements, leadership and innovations of our employees. Nearly 10 years later, the tradition of recognition continues, and in 2017, nearly 1,100 employees—a new record for the program—were nominated individually and as part of teams from across every level and area of our business, making it clear that the commitment to excellence at Teck is as strong as ever. ■



Rob Chenuz
Cost Reduction, Productivity and Innovation
Reliability Specialist, Highland Valley Copper



Alex Christopher
Cost Reduction, Productivity and Innovation
Senior Vice President, Exploration, Projects and Technical Services, Vancouver office



Brian Hall
Cost Reduction, Productivity and Innovation
Geologist, Red Dog



Matthew Armenti
Cost Reduction, Productivity and Innovation
Project Geophysicist, Exploration, Projects and Technical Services, Santiago office



Geoff Brick
Safety in the Workplace
General Manager, Greenhills



Michael Heximer
Unsung Hero
Senior Process Engineer, Trail Operations



Andrew Bidwell
Safety in the Workplace
Senior Engineer Supervisor, Geotechnical Engineering, Calgary office



Erin Buck
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Metallurgical Engineer-in-Training, Pend Oreille



Adil Jawaidd
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 Vancouver office



Chris Kormendy (Team Leader)
[Safety in the Workplace](#)
#3 Slag Fuming Furnace Burning Reduction Initiative
 Superintendent, Production, Lead Operations,
 Trail Operations



Dustin Murray
[Cost Reduction, Productivity and Innovation](#)
 Supervisor Maintenance Shop, Fording River



Shane Taylor
[Mentor](#)
 Equipment Operator, Cardinal River



Dallas Cain
[Safety in the Workplace](#)
#3 Slag Fuming Furnace Burning Reduction Initiative
 Superintendent, Health and Safety,
 Trail Operations



Peter Neben
[Cost Reduction, Productivity and Innovation](#)
 Superintendent Maintenance, Line Creek



Phillippe Thenoux
[Cost Reduction, Productivity and Innovation](#)
 Mine Maintenance, Carmen de Andacollo



Russ Cooper
[Safety in the Workplace](#)
#3 Slag Fuming Furnace Burning Reduction Initiative
 Operator Instructor, Furnace/Boiler Relief
 Process Control Operator, Trail Operations

ELEMENTS OF THE HOLIDAYS

Our commodities can be found in products and places all around us during the winter holiday season. Here are just a few of the ways the products we produce help bring cheer and make the season merry...

...wrapped up in Santa's sleigh

It's not just those on Santa's naughty list getting coal for Christmas. Steelmaking coal is used to produce the steel in all kinds of popular gifts going to those who were nice, including cellphones, tools and household appliances.



...around the dinner table

Holiday treats and sweets can be a great source of zinc, an essential nutrient to keep our bodies healthy. Turkey, especially dark meat, is an excellent source of zinc, and for dessert, each ounce of dark chocolate provides 0.9 milligrams, or 6% of the recommended daily value.



...on the mountain

Planning to ski or snowboard? Zinc plays an important role in getting you both up and down the mountain. Zinc's corrosion resistance makes it an ideal protective coating in many exposure conditions, including in support structures in chairlifts. Meanwhile, parts of ski and snowboard boots and bindings, such as screws, contain zinc for the same purpose. Mountain biking in a warmer climate? Bike frames, helmets and rubber tires all come from petroleum.





...keeping cozy or cool at home

Copper helps power many of the heating systems that keep our homes warm during chilly winter months. The average house includes approximately 195 pounds of copper in its electrical wiring. For those in warmer climates, copper helps keep you cool. The widespread use of copper in air conditioners—from window units to large chillers—reflects copper's excellent heat transfer capabilities.

...in Christmas lights, and beyond

Many regional recycling facilities offer options for recycling old holiday lights that contain copper wiring. By cutting strings into small pieces and separating the copper from the plastic, the copper can then be used again in new wire and pipes, while the plastic is turned into new consumer products.

...under the tree

A wide variety of toys and games gifted to children are there in part thanks to oil, one of the materials used in the production of many types of plastics.

REMOTE DOZER PUTS OPERATORS IN **HIGH-TECH** DRIVER'S SEAT

Coal Mountain Operations uses new technology to support safe production.

Corey Fowler was never a gamer, but when the Coal Mountain shovel operator had the opportunity to operate Teck's first-ever remote controlled dozer, it was an opportunity he was not going to pass up.

"When we started talking about the possibility of using a remote dozer, I'd never heard of anything like that before," said Corey. "I said, 'I'm not a gamer, but I'll try anything once.'"



The Challenge

The idea for a remote controlled dozer at Coal Mountain first came up as a potential solution to a geotechnical hazard in one of the pits.

A buttress had been constructed to prevent further collapse at a wedge failure on one of the high-walls, but the problem was that crews could no longer safely access coal underneath.

"We put in a buttress at the toe of the wedge failure, but that eliminated any way we could get the coal out," explains Ben David, Senior Engineer, Mining, Coal Mountain. "And removing the buttress to access that coal would create a situation we weren't going to put an operator in."

So, Coal Mountain's engineering team went to work investigating ways they could send a dozer into the pit without putting anyone in harm's way. Working closely with teams from Finning and Caterpillar, by February 2017 they had received all the parts to make the remote dozer a reality. By working collaboratively with the Ministry of Energy and Mines, Coal Mountain was then able to get the necessary permits and approvals, and within a few weeks were ready to test the technology.

How It Works

Crews opted to use an older shovel cab to set up the operator's station because it was large enough to house the required monitors, high enough to get a clear view of the dozer, and safe and comfortable for the operator.

The dozer itself has four cameras attached to it. In the shovel cab, the operator has a 42-inch screen with quadrants displaying all four camera views – both front corners, over blade and a reverse view. A second 42-inch screen has access to two overhead pit cameras, installed at the top of pit high-walls. A smaller laptop screen shows the remote dozer's Carlson Grade software, which displays cut/fill and position information and gives the operator real-time feedback to help achieve the proper grade.

Finally, there's the remote control itself, which sits on the operator's lap and has smaller joysticks to move the dozer. Built-in sensors shut the dozer down if it gets onto too steep a grade, allowing the operator to back out and prevent the equipment from getting into a precarious position.

"The first time I used it, I was a little nervous," admits Corey. "When you run a dozer, everything is by feel and this is not by feel. It's all with your eyes, and you only have little joysticks now, compared to a dozer where the joysticks are much bigger."

Benefitting Safe Production

By summer, crews had trained two operators and put the remote dozer into action.

"This is the first time in B.C. that the remote dozer has been used in a production setting and we are doing something that a year ago we didn't think was possible," says Ben. "We can now get coal from areas we never would have been able to access before and have safe production."

Ben says that the success of the remote dozer has the potential to revolutionize the way the industry looks at mining from the pit bottom. As for operator Corey, he's excited to work for a company that embraces technology and challenges his skills as an operator.

"Teck is looking to the future and the technology that is out there. In my mind, if we can make this work, we can make anything work," he says, admitting that he never thought he'd be using such innovative technology. "And I guess you can call me a gamer now." ■



Visit teck.com/connect for a video of the remote dozer at work.

PEOPLE & PLACES



Ariell Foran

**Haul Truck Operator
Greenhills Operations**

**When did you start at the company,
and at which site/office?**

I started at Greenhills Operations this year, in April.

**Could you provide a brief description
of what you do in your role?**

I am a haul truck driver and also enjoy learning about other heavy equipment on site—there are so many opportunities here.

**What is your favourite part about
your job?**

Operating a haul truck can be an individual and challenging job, but it's also a very team-oriented environment where everyone looks out for one another. You're always encouraged and supported, whether from fellow haul truck drivers or supervisors.

**What is your most memorable
moment working at Teck to date?**

I just went through CSL4 training with my team, and it was a great opportunity for our crew to work together and brainstorm ideas to make our environment safer, and to take responsibility for our safety, both as a team and as individuals.

**What is your favourite activity
outside of work?**

I'm originally from the West Kootenays, but I wanted to work in the Elk Valley area because of all the amenities—from the community services, great restaurants, nice people, to all the outdoor activities. In my free time I like to mountain bike, hike, fish and snowboard, and I also have an artsy side!



Danny Rioux

**Manager, Business Improvement
Trail Operations**

**When did you start at the company,
and at which site/office?**

I started in April 2001 at Trail Operations as a process engineer.

**Could you provide a brief description
of what you do in your role?**

My role is to engage and empower our workforce to be better every day, and then manage the ideas and opportunities to ensure they are prioritized and resourced. I oversee that we are consistent in our approach with the One Teck continuous improvement framework.

**What is your favourite part about
your job?**

I studied metallurgy in school, and Trail Operations continues to amaze me. Half the periodic table comes through this site, which presents opportunities and challenges as our feeds and markets change.

**What is your most memorable
moment working at Teck to date?**

Working on KIVCET shutdowns. They occur every 3–4 years and are very challenging in their planning and execution. The sense of accomplishment with the shutdown team once completed is incredibly rewarding.

**What is your favourite activity
outside of work, and why?**

In the summer, I love to go camping with my family. My wife Fran and I really enjoy watching our two daughters exploring the Kootenay's beautiful camping locations. In the winter I enjoy playing hockey. I have been playing for 38 years and I enjoy the exercise and the team aspect of the game.



Shanghai, China

Lin Zhang

**Director, Base Metals Marketing
Shanghai office**

What is your city's point of pride?

Shanghai is a large international metropolis, reflecting China's fast and energetic development in recent decades.

When visiting, what's a 'must see'?

The Bund, especially in the evenings when it's lit up, is a waterfront area with high-rises and other structures on both sides of Huangpu River.

What is the area's best-kept secret?

The city is full of fantastic restaurants, but small cafes offering excellent food and drinks are popping up everywhere now.

What's a typical weekend like there?

On weekends, many couples send their children to study extracurricular classes. They also visit parents and have meals together. A visit to the city parks and museums is popular among young families.

What's your favourite restaurant in your city?

Din Tai Fung Restaurant is my favourite. Its dumplings and steamed buns are classic Shanghai food. Luckily, there are three branches of the restaurant near our office.

Is there anything else you'd like other Teck employees to know about the area?

Thanks to advanced technology, Shanghai is basically "cash-free". Carrying a mobile is enough to purchase anything, even picking up something from a street vendor.



Squamish, B.C.

Wes Brulotte

**Manager, Procurement,
Teck Digital Systems
Vancouver office**

What is your community's point of pride?

Squamish touts itself as the outdoor recreation capital of Canada. Located at the north end of Howe Sound on the Sea-to-Sky Highway, Squamish is a mecca for mountain biking, rock climbing, kitesurfing, backcountry hiking and ski touring.

When visiting, what's a 'must see'?

The Sea to Sky Gondola any time of the year and the eagles along the Squamish and Mamquam rivers from November to February.

What is the area's best-kept secret?

Among the 300 biking trails in Squamish, some of my favourites are Half Nelson, Leave of Absence, Rupert, Somewhere Over There, and Entrails.

Is there anything the area is famous for?

Squamish is well-known for its logging industry, celebrated with the Squamish Days Loggers Sports Festival. The Britannia Mine Museum, a National Historic Site, is located 10 kilometres south of Squamish in the community of Britannia Beach.

What's your favourite restaurant in the community?

Salted Vine Kitchen + Bar.

Is there anything else you'd like other Teck employees to know about the area?

Squamish is a great place to raise a family, but shhhhhh—don't tell too many people.

A PICTURE IS WORTH 1,000 WORDS

1. Employees had the opportunity to meet Teck chairman Norman B. Keevil during a signing event for his new book, *Never Rest on Your Ores: Building a Mining Company, One Stone at a Time* on November 7.

2. Lizard on the loose: Jaime Mendoza Gallardo, Technical Instrumentation, Mine at Carmen de Andacollo Operations, snapped a photo of one of many varieties of Chilean lizards that live in the area surrounding the mine.

3. On Sunday, September 24, 25 Teck employees and family members joined thousands of participants in Vancouver's Walk for Reconciliation, led by Reconciliation Canada, as a part of the effort to build better relationships among Indigenous Peoples and all Canadians. The 2-kilometre walk convened at Strathcona Park for a Reconciliation Expo, which featured speakers and performances that called for solidarity around efforts to create constructive steps forward to build strong relationships with Indigenous Peoples.

4. Teck employees and senior management attended a reception gala in Toronto on Tuesday, November 7, for the companies recognized as being Canada's Top 100 Employers; (l – r): Barry Billings, Tina Sood, Karen Lei (Mediacorp), Dean Winsor, Sue Neveu, Mike Bortolotto, Jim Pedersen, Marianne Ho, Mehr Qureshi, Shirley Uzodinma, Chantal Garon.





5. and 6. Small town, big hearts: In recent months, Pend Oreille Mine hosted a number of fundraisers and events for the community. A food drive program for the local elementary school's backpack meal program received more than 200 lb. of food, and a school supply drive was also a huge success with donations of notebook paper, pencils, backpacks, crayons and other school supplies pouring in. The Halloween Carnival at The Cutter Theatre was also a tremendous success.



7. Floyd the Python helped wow West Kootenay schoolkids and teach them about endangered species and habitat conservation at a Teck-sponsored Earth Rangers presentation.



8. Every November since 2000, Highland Valley Copper has hosted Grade 9 students at the operation as a part of the national Take Our Kids to Work Day program. Children of employees have the opportunity to visit their parents' work areas and get a demonstration of their skills during the special tour.

9. The puck dropped in Sparwood, with 40 youth taking to the ice to learn from Canadian men's PyeongChang 2018 Olympic hockey team Head Coach Willie Desjardins and Olympic gold medalists Haley Irwin and Sami Jo Small at this year's Teck Coaching Series.



Photo submissions are welcome from employees across Teck and may be sent to: connect@teck.com



Celebrating Coal Mountain

On September 9, Coal Mountain Operations held their final Family Appreciation Day for employees and their families.

After more than 110 years of mining, many employees at Coal Mountain will be transitioning to roles at other Teck operations when the mine reaches the end of its coal reserves, expected in March 2018. But before the Coal Mountain team parted ways, its senior management group wanted to recognize each individual's contribution.

"Coal Mountain has always been a close-knit team and we wanted to give our employees a chance to show their family where they work, and to create memories for everyone who has been part of the final phase of operations," said Craig Bishop, Acting General Manager.

Teck began planning for the end of mining at Coal Mountain in late 2015, starting with the commitment to offer uninterrupted employment by transitioning employees to other Teck operations in the Elk Valley.

After mining finishes in 2018, the site will enter a care and maintenance phase when non-essential infrastructure will be decommissioned. All available land will be reclaimed under a 10-year reclamation program, including resloping, site preparation, and replanting of native species that aim to improve ecosystem and biodiversity values of the area. A Closure Task Group has also been formed to continue to seek input from members of local communities on aspects of the closure process such as minimizing socio-economic impacts, end land use objectives, and access. ■





Share Your Coal Mountain Memories

Do you have stories or photos from Coal Mountain Operations over the years? Present and past employees are invited to share their memories for inclusion in a future issue of *Connect* by e-mail at connect@teck.com



Learn more about Teck's approach to responsible mine closure at teck.com/aftermining

A New Era of Health Care at BC Children's Hospital

A new era of child health care has begun at the new Teck Acute Care Centre at BC Children's Hospital, which opened its doors to patients on October 29, 2017. Features of the new Teck Acute Care Centre include 231 private patient rooms, a hematology/oncology department, a pediatric intensive care unit, and much more.

"We want to recognize the Provincial Health Services Authority and the Government of British Columbia for having built an extraordinary facility that will transform child health care in B.C.," said Don Lindsay, President and CEO. "We also want to acknowledge the generous support from over 80,000 British Columbians who supported the Campaign for BC Children. Teck and its employees across B.C. are incredibly proud to have played a role in making this new hospital a reality." ■

"This extraordinary facility will transform child health care in British Columbia. Teck and its employees are incredibly proud to have played a role in making this new hospital a reality."

Don Lindsay
President and CEO



Visit teck.com/connect for a video on the Teck Acute Care Centre opening.

Our History with BCCH

BC Children's Hospital provides expert health care for the most seriously ill or injured children from across B.C. and the Yukon, as well as hosting the province's leading teaching and research facility for child health. Due to aging infrastructure and a lack of space in the hospital, which opened in 1982, a new space was needed to treat today's more complex illnesses. As fundraising began for a new hospital, Teck stepped forward in 2008 with a \$25 million donation to support the construction of a new children's hospital. In addition, employees across Teck have fundraised for B.C. Children's Hospital through initiatives such as the annual Mining for Miracles campaign.



Teck Acute Care Centre Facts:

- Features 231 single-patient rooms, providing more privacy to patients
- All 640,000 square feet of the new building were designed in extraordinary detail—with input from clinical staff, medical experts, families and patients themselves
- Every patient room has windows that let in daylight and have views to the outside
- Patients and families have access to kitchenettes, laundry facilities, family lounges, play areas, resource rooms and storage space
- The Teck Acute Care Centre meets Leadership in Energy and Environmental Design (LEED) Gold certification, ensuring environmental, social and economic sustainability
- Each year, more than 86,000 kids come to BC Children's Hospital from across the province for diagnosis, treatment and care



Above: All 28 patient rooms in the Pediatric Intensive Care unit are private and large, providing more space for equipment and large teams of health care providers.

Middle: The lobby at the Teck Acute Care Centre reflects the natural beauty of B.C., with large windows and wood canopies.

Below: Operating rooms provide the abundant space needed for teams of surgeons, specialists, nurses, anesthesiologists and more to work side-by-side with ease.



SEEN ON SOCIAL



Hadden's Story: a transgender employee talks about his experience transitioning at Teck #LGBTQ

We're sharing Teck's stories on social media. Visit us online to find these and more.

 /TeckResourcesLtd

 /TeckResources

 @TeckResources

 Teck Resources Limited



#TBT During World War II, our employees held Victory Bond drives to assist Allied Nations #TrailBC



70 volunteers from the local community and Teck removed more than 630 kg of garbage—more than the weight of a grand piano—from the Trail shoreline as part of the city's annual Rivers Day celebration.



Teck shared International Council on Mining and Metals' (ICMM) post: To enhance our commitment to the natural world, ICMM is a part of the cross-sector biodiversity initiative. Learn what we do: miningwithprinciples.com/biodiversity

A Safe Haven For 4,000 Species

Protecting vulnerable flora and fauna in Chile.

The biodiversity in the central-north part of Chile resembles that of an island—a vast number of its unique flora and fauna species do not migrate. As a result, a large portion of these species are endemic, meaning they are found nowhere else on earth. Unfortunately many of these species have not fared well over the past few decades. Along with birds and mammals, native plants have suffered from challenges such as habitat loss and the spread of invasive species.

In 2014, Carmen de Andacollo (CDA) Operations launched the Runco Project, which aims to protect the most vulnerable flora and fauna in the Andacollo region. The area, spanning 20 hectares of semi-desert landscape, contains hills with low vegetation and rocky outcrops, which is the ideal habitat for unique cacti, reptiles, birds and small mammals.

The Runco Project includes over 4,000 endemic species as well as a nursery for endemic seeds. The area is recognized by the Chilean Ministry of Environment, which has agreed to support the preservation of the species contained within Runco.

At the start of the project, Teck planted 200 native trees and shrubs, which became an ideal shelter for a wide range of local birds and mammals. One

example of the native trees planted is the guayacan, found between the Limarí and Colchagua provinces in Chile on the slopes of hills, ravines and valleys exposed to the sun. The species grew for many years in the area of Andacollo; however, the guayacan was near extinction due to the overuse of wood from the tree for craft purposes. Today, the Runco Project is home to more than 900 guayacan trees.

The conservation area that Runco encompasses provides shelter to a wide range of local animals such as the yaca, the degu and the chiricoca. The yaca is a small Chilean marsupial with nocturnal and climbing habits. Weighing less than a pound, is now a rare find beyond the project area.

“The Runco Project is part of our vision of having a net positive impact on biodiversity,” said Manuel Novoa, General Manager, CDA. “Here we have thousands of unique species that will be left in an improved state, thanks to this project.”

The Runco Project is accessible to the public and community of Andacollo, so that everyone can share in the benefits of this blossoming natural environment. ■



“Here we have thousands of unique species that will be left in an improved state, thanks to this project.”

*Manuel Novoa
General Manager, CDA*



Recognizing Our Work in Sustainability

Biodiversity is a key focus for our comprehensive sustainability strategy, which sets out short-term goals to 2020 and long-term goals to 2030 in six sustainability areas: Community, Our People, Water, Biodiversity, Energy and Climate Change, and Air.

This strategy is part of what led to Teck being named to the Dow Jones Sustainability World Index (DJSI) for the eighth straight year in 2017, indicating that Teck's sustainability practices are in the top 10% of the 2,500 largest companies in the S&P Global Broad Market Index (BMI).

Based on an in-depth analysis of economic, social and environmental performance, Teck received the highest possible score in areas including biodiversity and social reporting, and scored the highest in the industry in talent attraction and retention, and in mineral waste management.

For more on Teck's sustainability strategy, including case studies like this one, visit

teck.com/sustainability



Above left: The shining tree iguana, *Liolaemus nitidus*, is a species of lizard that is endemic to Chile.

Above right: The Runco Project is located in the El Runco sector of Andacollo.

Below left: The yaca, also known as the Chilean mouse opossum, is from central Chile.

Below right: The guayacan tree is a bush that can grow eight feet tall and produce fruit in a violet-coloured capsule.

TAKING THE STAGE AT WE DAY

Emma Schwartz and Hugh Anzulovich, two children of Teck employees, have made a real difference in support of the Zinc Saves Lives campaign, collecting batteries and even taking the stage at WE Day, inspiring other youth to help save children's lives.

Here, Emma and Hugh talk with *Connect* about their work on the Zinc Saves Lives campaign, and what it's like to represent Teck at WE Day.



President and CEO Don Lindsay and Hugh Anzulovich onstage at WE Day Vancouver on October 18.



Teck

“It is so amazing to speak in front of such a positive crowd that wants to make a difference in the world.”

Hugh Anzulovich



Emma Schwartz

Quick Facts

School: Birchmount Park Collegiate Institute

City: Toronto, Ontario

Grade: 11

of WE Days attended: 8

Teck parent: Michael Schwartz, Manager, Market Research, Toronto office

Connect: What inspired you to get involved in the Zinc Saves Lives campaign?

Emma: My dad brought me to my first WE Day in Toronto five years ago when I was in grade 7, where I learned about the Zinc Saves Lives campaign. The next day I spoke at an assembly in front of my whole school and talked to them about why I wanted to get involved in the campaign. Everyone loved the idea and students started bringing bags and boxes filled with batteries to my classroom, which soon filled up most of the room. At this point we had collected over 5,000 batteries, but I didn't want to stop there. I decided that if I wanted more people to be involved I would have to get help from others. So I went to local businesses and asked if I could set up boxes and posters explaining what the Zinc Saves Lives campaign is about, and get their help in collecting used batteries. To this day, those businesses are still involved and continue to help collect batteries for me. Over the years, and now at my new high school, I have spoken at a number of assemblies, encouraging other students to bring in their used batteries. So far, I have collected over 18,000 used batteries.

Connect: What have been your favourite experiences at WE Day?

Emma: WE Day is my favourite time of year. I love hearing other people's stories about what they have done and how I can get involved. The first WE Day that I spoke at was my favourite experience because I was completely honoured to be speaking on behalf of Teck. The amount of energy in the room is louder than any concert I have ever been to. When I was on stage and said "I have collected over 5,000 batteries!" the kids were screaming and cheering so loud, and I think they realized that if one person can collect this many batteries to help save a child's life, then they can too.

I think they realized that if one person can collect this many batteries to help save a child's life, then they can too.

Emma Schwartz

Left: Emma Schwartz on stage at WE Day Toronto in 2017, along with WE Day presenter Hannah Alper.

Right: Emma with Don Lindsay, President and CEO, and Craig Kielburger, co-founder of the WE Movement, at WE Day Toronto in 2015.



Hugh Anzulovich

Quick Facts

School: Archbishop Carney Regional Secondary School

City: Coquitlam, British Columbia

Grade: 11

of WE Days attended: 3

Teck parent: Adrian Anzulovich, Project Coordinator, Teck Digital Systems, Vancouver office

Connect: What inspired you to get involved in the Zinc Saves Lives campaign?

Hugh: The first year that I went to WE Day was with my elementary school class, four years ago. I was so touched by all the stories I heard about changing the world and I knew that I wanted to get involved. After the event, the next day I went to school and discussed with my class how we could get involved. We did food drives, raised money to help build schools in Africa, and held a battery drive. After my dad heard we were doing a battery drive, he suggested that I get involved in the Zinc Saves Lives campaign. With the help of my class, we collected 5,000 batteries, and I am also in the process of starting up the campaign at my high school.

Connect: What have been your favourite experiences at WE Day?

Hugh: Being at WE Day is truly amazing, and being able to speak on stage is a whole new experience. It is so amazing to speak in front of such a positive crowd that wants to make a difference in the world. This year, I was lucky enough to go on stage with Teck President and CEO Don Lindsay for

the second time, to talk about the Zinc Saves Lives Battery campaign. Speaking at WE Day on behalf of Teck has been very amazing, and I hope to one day come back to have this experience again.

Another favourite experience has been meeting Karina LeBlanc, former goalie for the Canadian national soccer team and Ambassador for Teck and the Zinc Saves Lives campaign. She is such an energetic person and helps set such an amazing mood at the event. ■

Since 2011, Teck has partnered with WE, the world's largest organization of children helping children, to raise awareness about zinc deficiency. More than 400,000 students have learned about Zinc & Health at WE Day, WE's annual youth empowerment event.

This year, Teck continued its successful Zinc Saves Lives campaign at WE Day events across Canada. The campaign encourages students to recycle used batteries at WE Day or any Call2Recycle location to divert electronic waste from landfills and help save a child's life, as one AA battery contains the equivalent amount of zinc that can save the lives of six children. For every battery recycled, Teck will donate the value of zinc recycled to WE, in support of zinc and health programs in Kenya. To date, more than 1.7 million batteries have been recycled as a result of the campaign.

Students across Canada like Emma and Hugh have enthusiastically participated in the campaign, holding battery recycling drives at their schools, churches and community centres.



Visit teck.com/connect for a video on Teck's Zinc Saves Lives campaign.

Left: Hugh and Karina LeBlanc, Teck ambassador and former goalkeeper for the Olympic bronze medal-winning Canadian Women's Soccer Team, meet WE Day attendees.

Right: Hugh on stage with Don Lindsay, President and CEO.

Sustaining the Gains of Continuous Improvement

From accelerated maintenance to raising the benchmark for haul truck engine life, Continuous Improvement has been a major driver in Teck's Cost Reduction Program that's delivered over \$1.1 billion in savings since 2013.

As an important next step, Teck's Continuous Improvement Guidelines have been updated and relaunched to provide the relevant framework for ongoing Continuous Improvement. The update also helps to ensure the savings we have made to date are embedded within our business, something we call "sustaining the gains". At the same time, we continue to look for opportunities to further reduce costs, and to improve our margins through additional production and productivity improvements under our Margin Improvement Program.

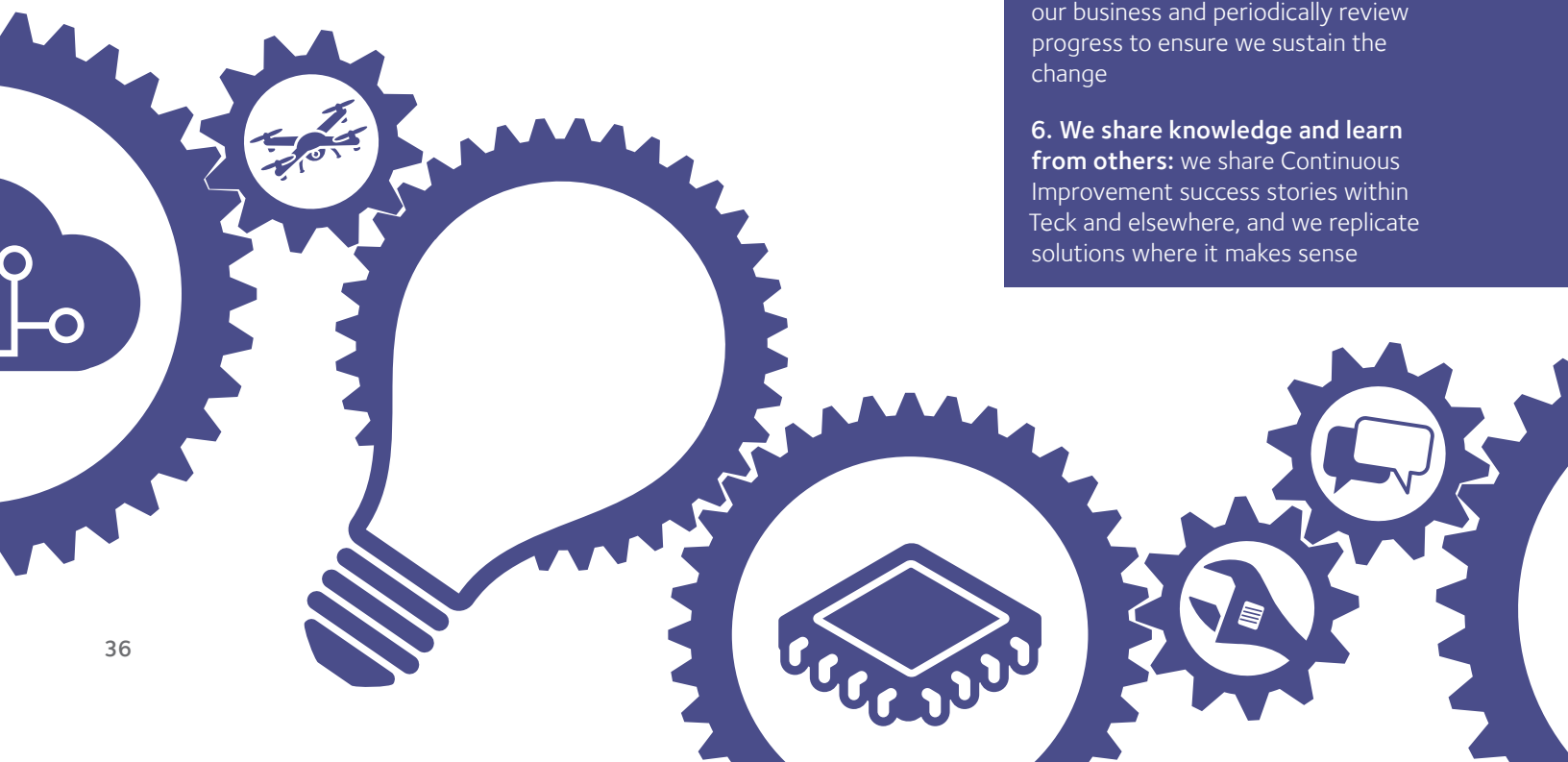
At the site level, a site scan process has been developed to identify the main gaps in their local Continuous Improvement process. The results from the scan will allow sites to define a prioritized work plan to close their gaps and support their own Continuous Improvement.

As part of the relaunch, key aspects of the Continuous Improvement process have been summarized in six Guiding Principles. By asking ourselves how we can do things differently to achieve better results, Continuous Improvement will be a tool that will continue to add value now and in the years to come.

For further information about the Continuous Improvement program, contact Claudio Bustos, Continuous Improvement Lead, claudio.bustos@teck.com. ■

Continuous Improvement Guiding Principles

- 1. We answer "why" before "how":** we need to understand that a Continuous Improvement process is critical to remain competitive
- 2. We use data and information to make decisions:** we use tools to prioritize and focus on the most valuable initiatives
- 3. We use cross functional teams:** we run idea generation sessions, bringing together departments to look for opportunities to add value
- 4. We plan before we act:** we develop implementation plans upfront
- 5. We close the loop with good follow-up:** we embed initiatives in our business and periodically review progress to ensure we sustain the change
- 6. We share knowledge and learn from others:** we share Continuous Improvement success stories within Teck and elsewhere, and we replicate solutions where it makes sense



Tuning In: Somos Teck Radio

Employees at Quebrada Blanca Operations can now stay connected to information and news throughout their workday by tuning in to Somos Teck Radio, a continuous stream of programming available 24/7.

Launched in June, following formal approval by the Undersecretary of Telecommunications in Chile to establish the channel on the FM dial—97.5—Somos Teck Radio is a welcome way for employees to listen to a range of topics including health and safety, sustainability, site campaigns and contests. A great mix of popular music is also a favourite among employees at site.

“Somos Teck Radio has had a truly positive impact at site, connecting employees and sharing information in such a dynamic way,” said Yandery Loayza, Head Communications, Quebrada Blanca.

Using the popular WhatsApp, employees at Quebrada Blanca are also able to send in feedback and information they would like shared via Somos Teck Radio, making it a truly collaborative and engaging communications tool. ■



Introducing Teck Digital Systems

Now more than ever, almost every aspect of our business relies on some form of digital system. These systems are critical to safety, sustainability, cost reduction and productivity efforts across Teck.

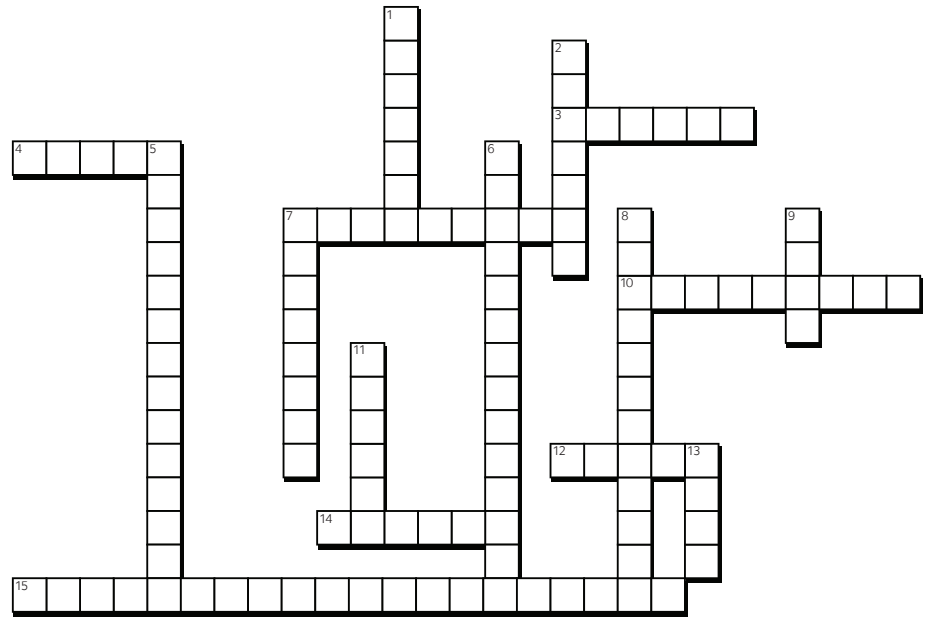
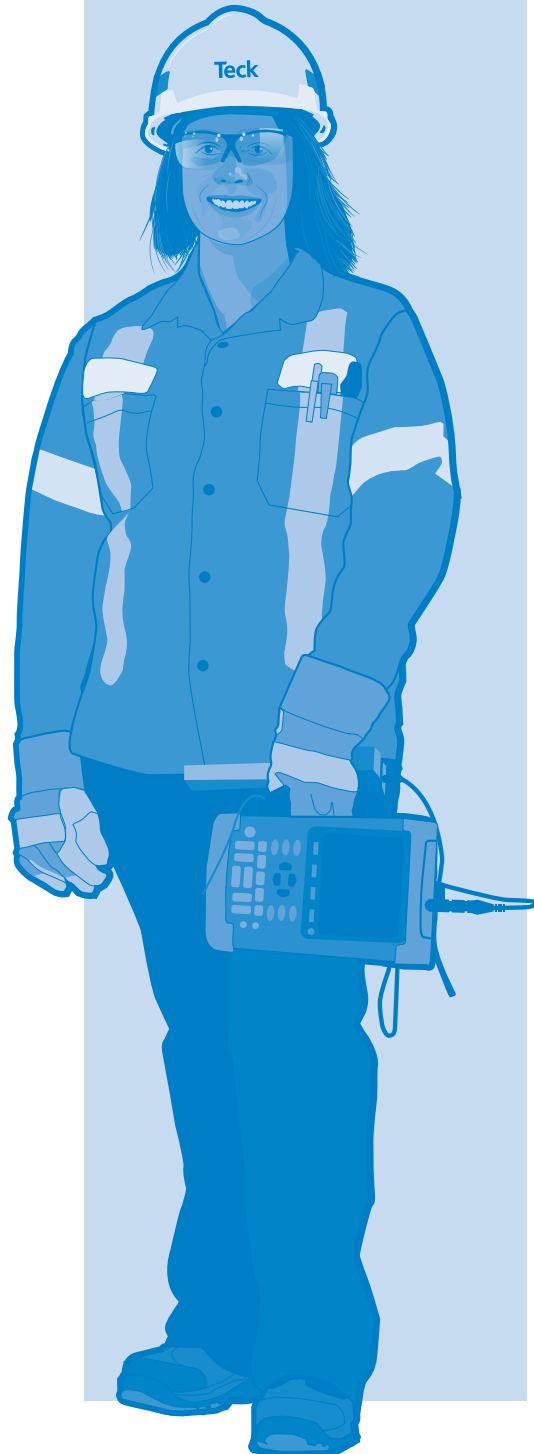
Teck's Information Systems and Technology (IS+T) group is now called Teck Digital Systems.

This name change is a reflection of the group's evolving capabilities and responsibilities, providing a broad range of technology-related support across the company. Teck Digital Systems is responsible for four key areas:

- Collaboration communications—providing the infrastructure, hardware and software for how we stay connected with one another
- Cyber security—protecting our networks, devices and company information
- Digital applications—developing and sustaining the critical digital and machine-learning systems that run our business
- Digital operations—providing day-to-day technology-related support and developing artificial intelligence systems ■



Cover-to-Cover Crossword



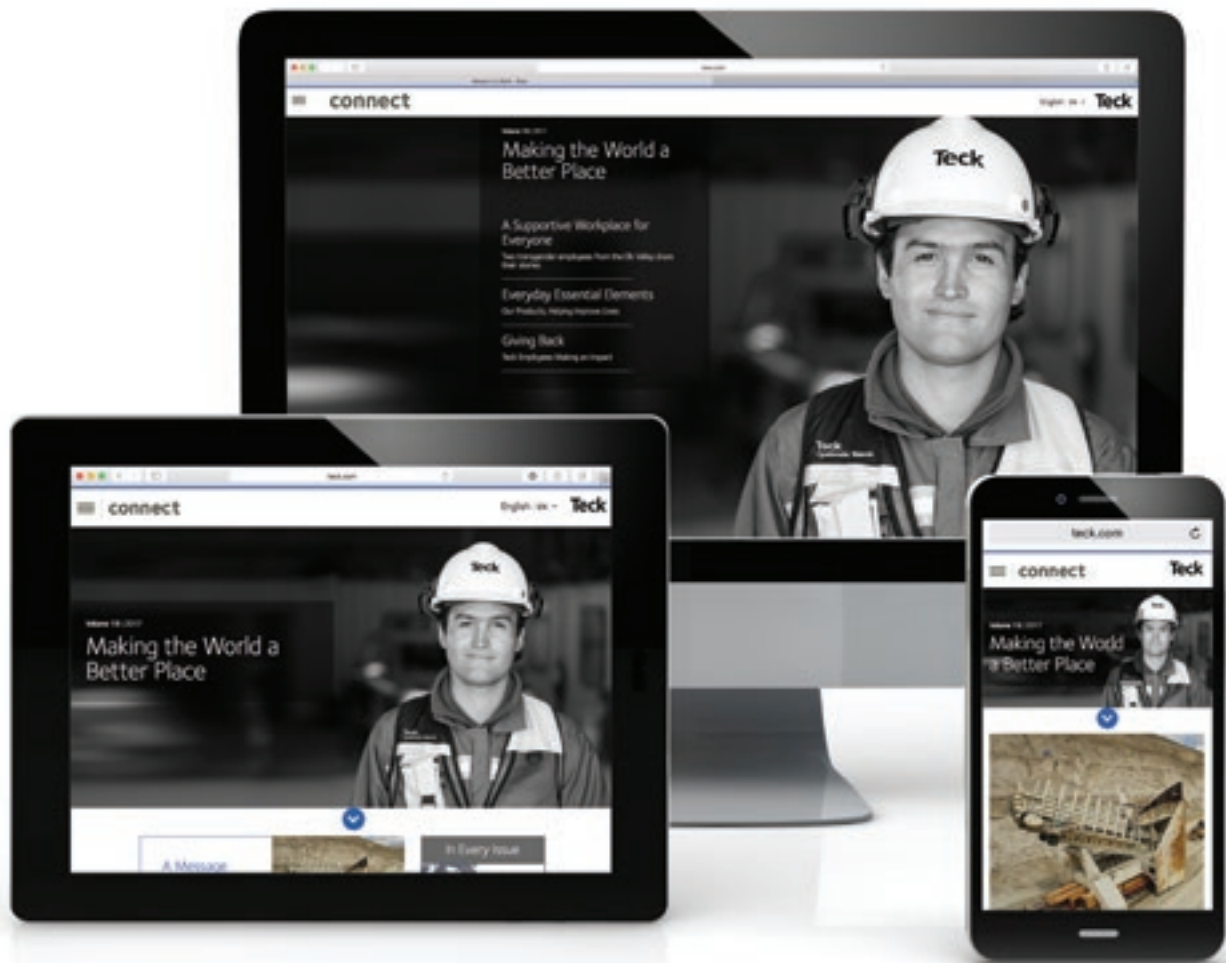
Find the answers to the clues below in the pages of this issue of Connect.

Across

- 3 Teck has been named to the Dow Jones Sustainability World Index for ____ straight year
- 4 Sustaining the ____
- 7 Teck was named one of Canada's Top 100 ____
- 10 Teck ____ Centre at BC Children's Hospital
- 12 Project protecting vulnerable species in Chile
- 14 Floyd the ____
- 15 Winners of the 2017 National Western Region Mine Rescue Competition

Down

- 1 Teck ____ Systems
- 2 Safety Journey Analogy Mountain
- 5 At the Heart of CSL4
- 6 Somos Teck Radio operation
- 7 Teck WE Day representatives
- 8 Remote dozer location
- 9 Small Chilean marsupial with nocturnal and climbing habits
- 11 A core value at Teck
- 13 *Never Rest on Your* ____



Connect is now available at www.teck.com/connect

Connect, Teck's employee magazine, is now available online from anywhere. To access stories, photos and videos about our people, our business and the communities in which we operate, visit us online at www.teck.com/connect