CONTENTS IN ORE MAGAZINE

Spring - Summer 2011:

- Ore Deposits: Real Wealth: Why Saskatchewan is Richer Than We Realize
 Way Richer.
- Ore Deposits: Potash Worth the Fight, BHP Billiton's attempted takeover
- Ore Deposits: \$43 Billion You're Standing On It!, The cumulative projected
- investment in new mines and expansions in Saskatchewan over the next 20 years.
- Markets: The New Silk Road promoting our province's potential to Asian investors and state agencies.
 Asia is a major emerging market with a rapidly expanding middle class that needs more energy, manufacturing materials and food.
- Safety: Safety and the Environment
- **Careers:** Learning to Handle Demand. Saskatchewan's mining industry will need 18,000 new workers in the next 10 years. Where are they?
- Careers: Tagging Along Director of Environment

Fall - Winter 2011-2012:

- Ore Deposits: Diamonds 50 Million Carats, the Diamonds are There, Now to Get at Them!
- Ore Deposits: Gold From Explore to Ore
- **Community:** Mine Street, Saskatchewan: Saskatchewan's mining industry is changing not only how we are viewed by the rest of the world. In communities throughout the province, it's also changing how we see ourselves.
- Environment: No Mining. No Green Planet
- Environment: Coal Becomes Clean at Boundary Dam
- **Technology:** The Submarine at Cigar Lake
- eARTh: Holding the prairie in the palm of your hand. Slice of Earth Lorne Beug, 1979
- Careers: You're hired! Mining leads industries in First Nations and Métis involvement
- Careers: Tagging Along Mechanical Engineer

Spring - Summer 2012:

- Ore Deposits: Potash Creating a Bigger Pie: Potash Corp
- Community: Taking Orders Saskatchewan's mining and exploration activity is placing huge demands on local suppliers. Can they rise to the challenge?
- Safety: Annual Emergency Response/Mine Rescue Skills Competition.
 Celebrates Excellence
- **Safety:** Rising to the Top: Safety in Saskatchewan Mining Safety at Saskatchewan's mines isn't a priority. It's *the* priority.
- **Environment**: Reclamation The Return of Cluff Lake; Claude Lake
- Economics:
- Technology: Social benefits suppliers
- eARTh: The Lanigan Mural. Terry Zinkowski
- Careers: JOBS Saskatchewan: Now Hiring; Hiring Requirements Forecast
- Careers: Tagging Along: Manager, Workforce Planning and Talent Acquisition
- Education: M4S The Rocks, The Roles; GeoVenture



To receive free copies of ORE please contact: Tracey Irwin tirwin@saskmining.ca





Fall - Winter 2012-2013:

- **Ore Deposits:** Potash what is it, what is it used for, how did it form, potash in Saskatchewan, new companies, mining
- Safety: Winter exploration More Degrees of Safety
- Ore Deposits: Gold Claude's Million Raises the Golden Bar. Claude Resources Seabee mine pours it's one millionth ounce of gold.
- **Environment:** Reclamation Re-vegetating Mined Native Prairie areas (Poplar River coal mine)
- Technology: Seeing the Big Picture. GPS Technology for Coal Mining is Dramatically Changing How Sherritt Coal Views –and Runs – Its Operations.
- eARTh: Art Takes Flight. The art of Garry Thompson. Airplanes the workhorse of the north.
- Careers: Saskatchewan's Mining Industry Focuses on Workforce Diversification to Address the Labour Shortage.
- Careers: SIAST Mining Engineering Technology program.
- Careers: Tagging Along: Sous Chef at a mining camp.

Spring - Summer 2013:

Ore Deposits: Uranium in Saskatchewan – what is it, what it
is used for, how deposits formed, how much there is in
Saskatchewan, exploration, what happens to the ore,
demand, northern careers



- Safety: The rewards of practicing safety first the Rocanville fire
- Environment : Woodland Caribou study
- **Economics**: Demand and mineral prices
- **Technology**: Looking into the Earth. Geophysics seismic, ground penetrating radar
- eARTh: the mural at Mosaic Place
- Careers: Inclusion and Diversity in Mining Taking Action Now is Critical
- Careers: Tagging Along: Safety/Training Coordinator

Fall – Winter 2013 – 2014:

- Ore Deposits: Coal How does it form, how is it mined, what is Saskatchewan coal used for, How much is there, history of coal in Saskatchewan, types of coal,
- Ore Deposits: Boundary and Beyond: boundary dam, clean coal technology.
- **Environment:** Reclaiming Wetlands partnership between Ducks Unlimited and Mosaic Potash



- **Technology**: Lidar: Shedding Light on a Shifting Landscape. Detection of ground shifting in potash mines using laser-based technology.
- eARTh: Beauty Written in Stone Gemstones and minerals in jewellery of Hillberg and Berk
- Careers: A new Class of Engineers Bachelor of Mining Engineering to be offered at University of Saskatchewan
- Careers: Tagging Along Community Investment Coordinator
- Careers: New Roads to Northern Success Northern employment, job shadowing, Mill Utility Operator Program,
- Education: Saskatchewan Mining Association Education Outreach



Spring - Summer 2014:

- **Ore Deposits**: Gold: –Characteristics, Uses, formation of gold deposits, gold in Saskatchewan, the Seabee mine, market value, economics, remote access.
- Ore Deposits: La Ronge Gold Belt: History, exploration.
 Environment: Monitoring the Eastern Athabasca. Environment and food.
- Economics: Countries, Companies, and Citizens Benefit from Greater Revenue Transparency managing resource revenues, community benefits (jobs, infrastructure, skills training), benefits to government, transparency.
- Technology: Staking Claims: Online claim staking replaces centuries-old process
- Technology: PapaBravo electric vehicles for underground mining
- eARTh: Olympic Medals What goes into making one?
- Careers: Tagging Along Manager, Business Development& Northern Affairs
- Safety: Safety Knows No Bounds Taking safety from the mine site to the community
- Ore Bits: Canadian Mining Facts

Fall - Winter 2014 -2015

- **Exploration** The Quest to Discover: What is it all about.
- Exploration- Going All In: Uranium exploration programs, Diamond exploration, mining companies
- **Economics:** Finding The Funds: Exploration in a tough market, funds spent on exploration, where do the companies get their money, effect of metal prices, global economy.
- Environment: Return To Nature, Key Lake Waste Rock Piles Growing Green: challenges of establishing native vegetation
- Economics: Finding Funds Exploration in a tough market
- **Industry Outlook:** Rail transportation
- Technology: Eye In The Sky. Drone Technology and 3-D modelling to improve accuracy in Mine Planning. Use of drones to map/plan at Poplar River coal mine.
- eARTh: Setting Stones. Saskatoon goldsmith first to set Sask diamond. The four C's of diamonds
- Education: Mining competition goes international: University Engineering, Geology and Commerce student competition.
- Careers: Tagging Along: Director Technical Services
- Careers: Athabasca Basin Security Grows Across The West. Technology enhances security.
- Safety: Flex Time: Mines employees stretch to stay injury free.



