

3000 0 -

Price vs shares outstanding, quarterly

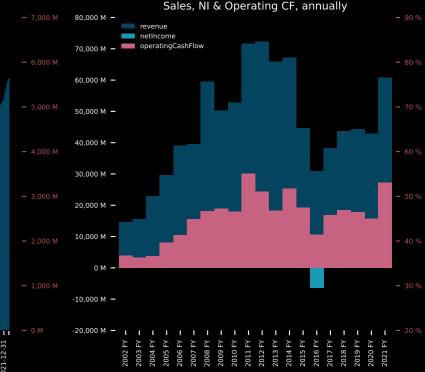
Sales, NI & Operating CF, quarterly

8 000 M -

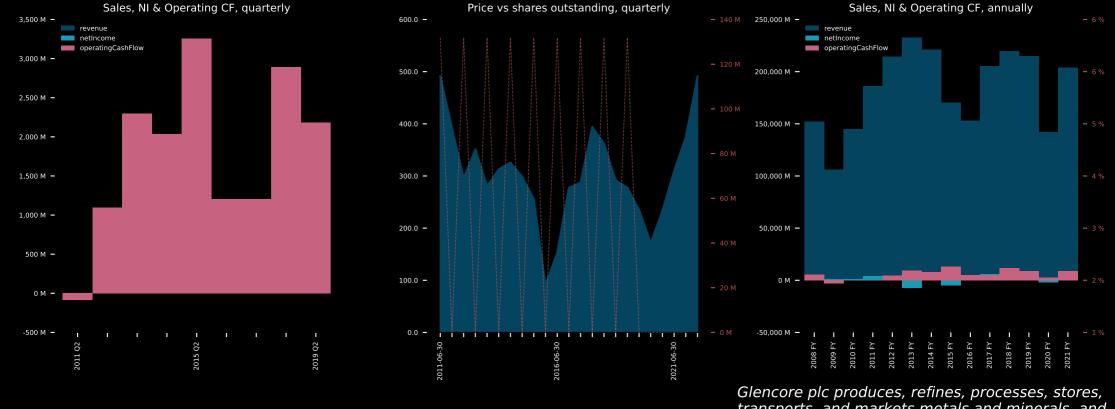
0 M -

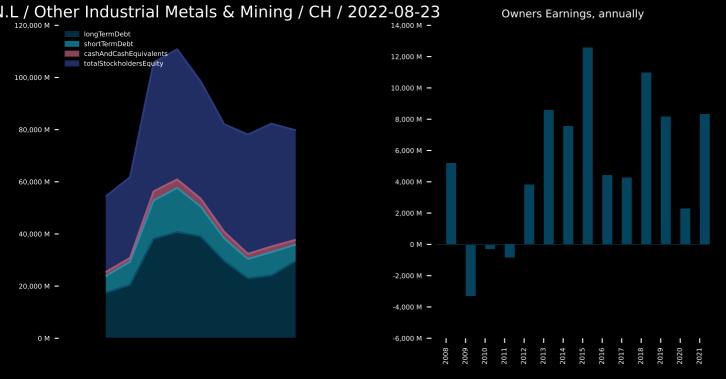
netIncome

operatingCashFlow



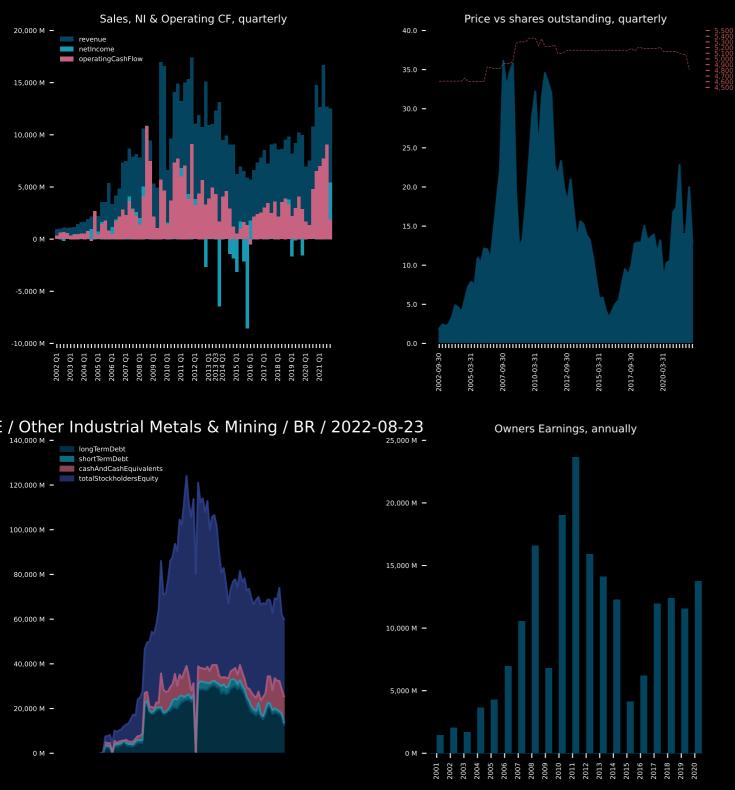
BHP Group Limited operates as a resources company in Australia, Europe, China, Japan, India, South Korea, rest of Asia, North America, South America, and internationally. It operates through Petroleum, Copper, Iron Ore, and Coal segments. The company engages in the exploration, development, and production of oil and gas properties; and mining of copper, silver, zinc, molybdenum, uranium, gold, iron ore, and metallurgical and energy coal. It is also involved in mining, smelting, and refining of nickel; and potash development activities. In addition, the company provides towing, freight, marketing and trading, marketing support, finance, administrative, and other services. The company was founded in 1851 and is headquartered in Melbourne, Australia.

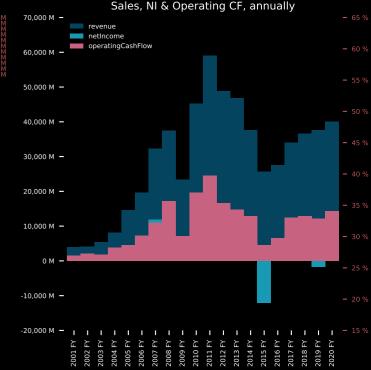




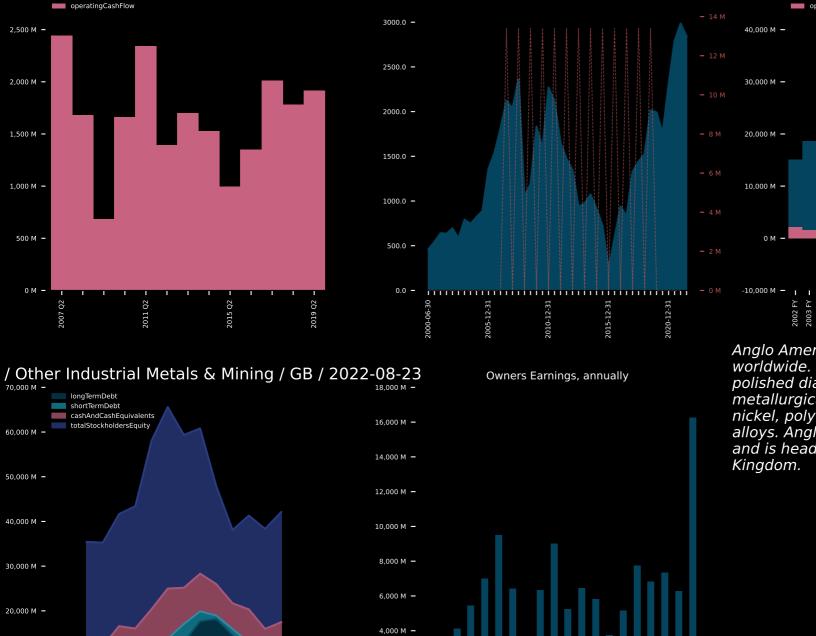
transports, and markets metals and minerals, and energy products in the Americas, Europe, Asia, Africa, and Oceania. It operates through two segments, Marketing Activities and Industrial Activities. The company produces and markets copper, cobalt, nickel, zinc, lead, chrome ore, ferrochrome, vanadium, alumina, aluminum, tin, and iron ore. It also engages in the oil exploration/production, distribution, storage, and bunkering activities; and offers coal, crude oil and oil products, refined products, and natural gas. In addition, the company markets and distributes physical commodities sourced from third party producers and its production to industrial consumers in the battery, electronic, construction, automotive, steel, energy, and oil industries. Further, it provides financing, logistics, and other services to producers and consumers of commodities. The company was formerly known as Glencore Xstrata plc and changed its name to Glencore plc in May 2014. Glencore plc was founded in 1974 and is headquartered in Baar,

Switzerland.





Vale S.A., together with its subsidiaries, produces and sells iron ore and iron ore pellets for use as raw materials in steelmaking in Brazil and internationally. The company operates through Ferrous Minerals and Base Metals segments. The Ferrous Minerals segment produces and extracts iron ore and pellets, manganese, ferroalloys, and other ferrous products; and provides related logistic services. The Base Metals segment produces and extracts nickel and its by-products, such as gold, silver, cobalt, precious metals, and others, as well as copper. The company was formerly known as Companhia Vale do Rio Doce and changed its name to Vale S.A. in May 2009. Vale S.A. was founded in 1942 and is headquartered in Rio de Janeiro, Brazil.



2.000 M -

3500.0 -

Price vs shares outstanding, quarterly

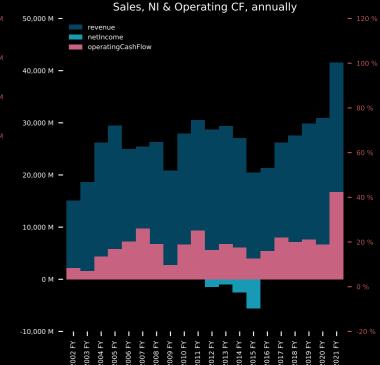
Sales, NI & Operating CF, quarterly

3.000 M -

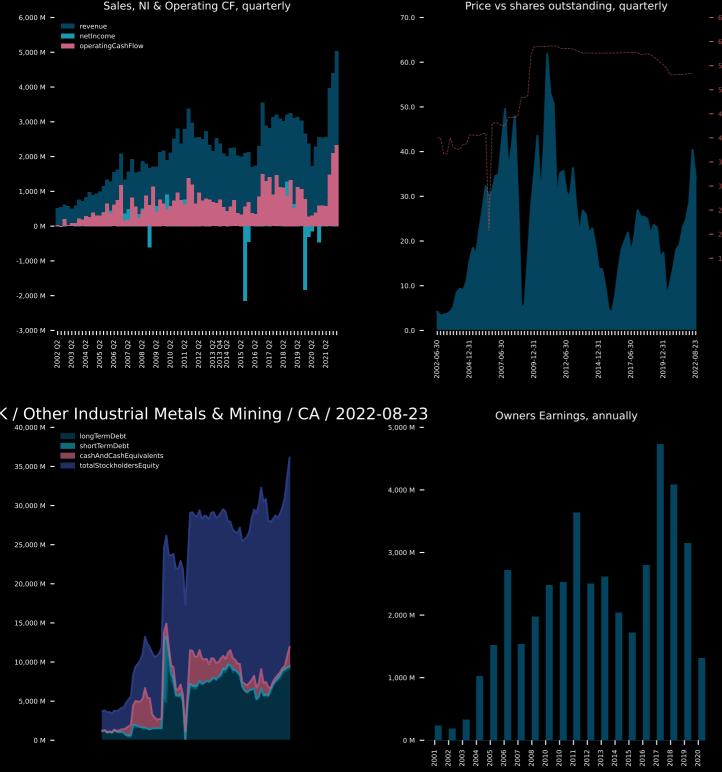
10,000 M -

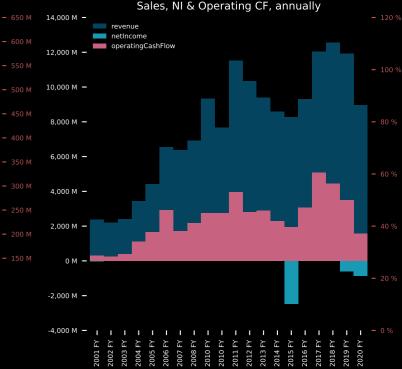
0 M -

netIncome



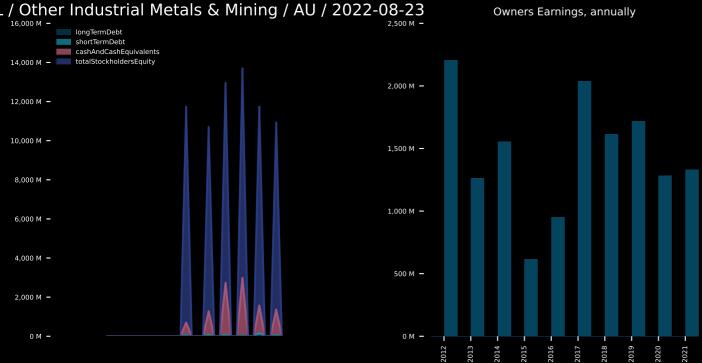
Anglo American plc operates as a mining company worldwide. The company explores for rough and polished diamonds, copper, platinum group metals, metallurgical and thermal coal, and iron ore; and nickel, polyhalite, and manganese ores, as well as alloys. Anglo American plc was founded in 1917 and is headquartered in London, the United Kingdom.



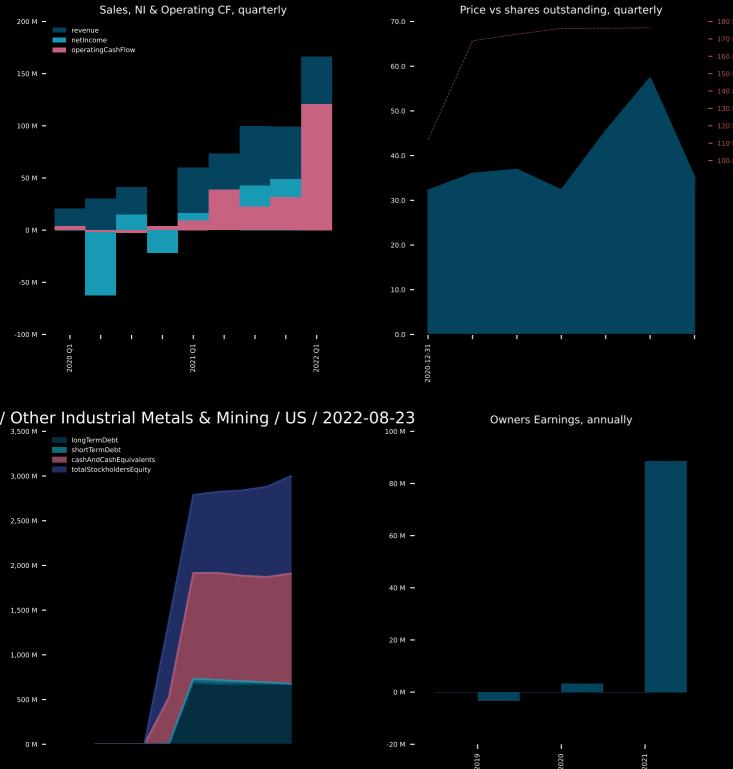


Teck Resources Limited engages in exploring for, acquiring, developing, and producing natural resources in Asia, Europe, and North America. It operates through Steelmaking Coal, Copper, Zinc, Energy, and Corporate segments. The company's principal products include steelmaking coal; copper, gold, blended bitumen, lead, silver, molybdenum, zinc, and zinc concentrates; chemicals, fertilizers, and other metals. It also produces indium and germanium. In addition, the company holds interest in Frontier oil sands projects in the Athabasca region of Alberta; and owns interests in exploration and development projects in Australia, Chile, Ireland, Mexico, Peru, Turkey, and the United States. The company was formerly known as Teck Cominco Limited and changed its name to Teck Resources Limited in April 2009. Teck Resources Limited was founded in 1913 and is headquartered in Vancouver, Canada.



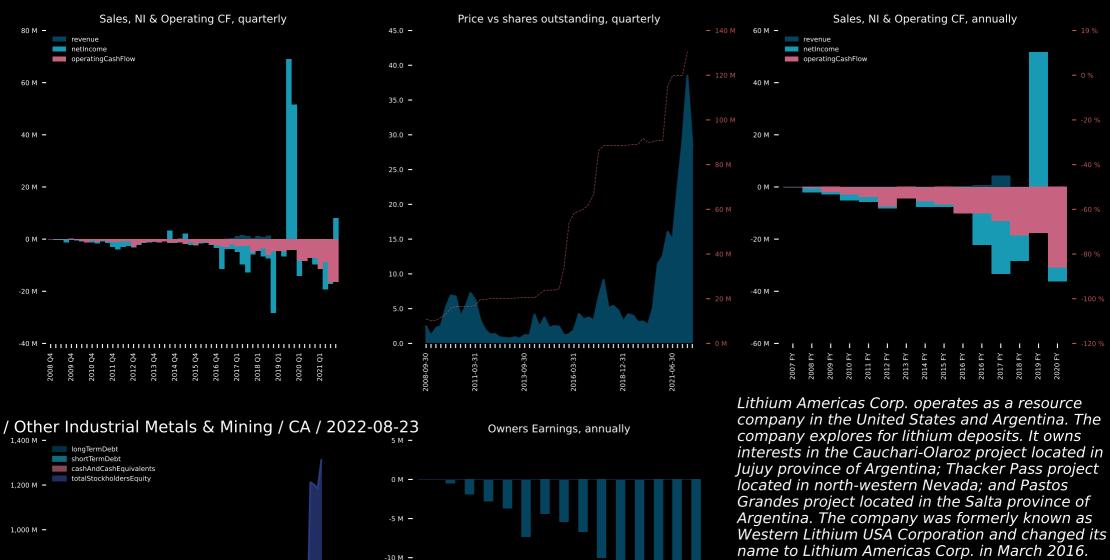


operates through Worsley Alumina, Hillside Aluminium, Mozal Aluminium, Brazil Alumina, Illawarra Metallurgical Coal, Eagle Downs Metallurgical Coal, Australia Manganese, South Africa Managanese, Cerro Matoso, Cannington, Hermosa, and South Africa Energy Coal segments. It has a portfolio of assets producing alumina, aluminum, bauxite, energy and metallurgical coal, manganese ore and alloy, ferronickel, silver, lead, zinc, and other base metals. The company also exports its products. South32 Limited has a strategic alliance agreement with AusQuest Limited for exploration opportunity in gold-copper targets at the Gunanya Project. The company was formerly known as BHP Coal Holdings Pty Limited and changed its name to South32 Limited. South32 Limited was incorporated in 2000 and is headquartered in Perth, Australia.





MP Materials Corp. owns and operates rare earth mining and processing facilities. It owns and operates the Mountain Pass Rare Earth mine located in the Western Hemisphere. The company holds the mineral rights to the Mountain Pass mine and surrounding areas, as well as intellectual property rights related to the processing and development of rare earth minerals. It offers cerium, lanthanum, neodymium, praseodymium, and samarium. The company was founded in 2017 and is headquartered in Las Vegas, Nevada.



-15 M -

-20 M -

-25 M -

-30 M -

800 M -

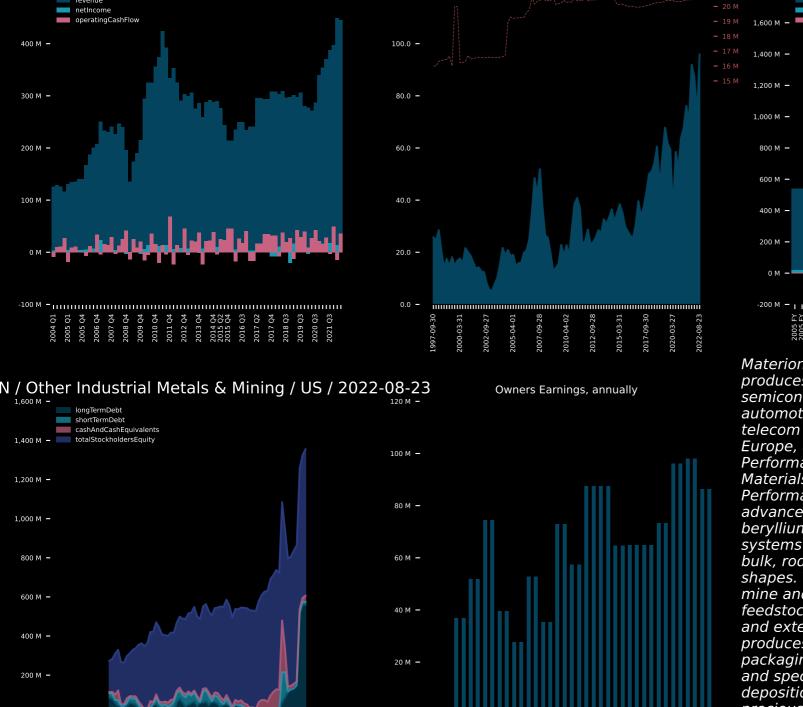
600 M -

400 M -

200 M -

0 M -





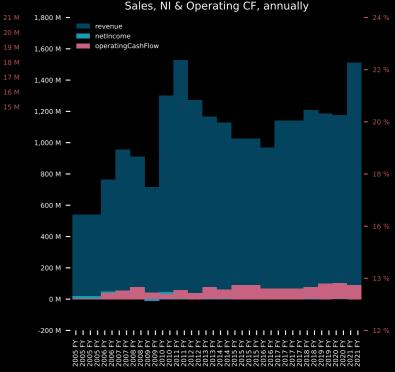
120.0 -

Price vs shares outstanding, quarterly

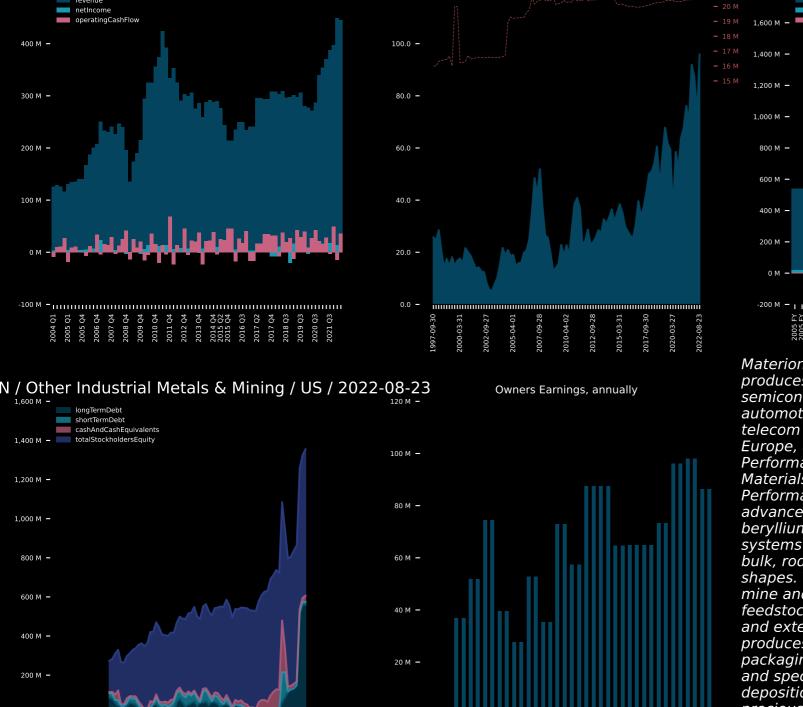
Sales, NI & Operating CF, quarterly

500 M -

0 M -



Materion Corporation, through with its subsidiaries, produces advanced engineered materials used in semiconductor, industrial, aerospace and defense, automotive, energy, consumer electronics, and telecom and data center in the United States, Asia, Europe, and internationally. It operates through Performance Alloys and Composites, Advanced Materials, and Precision Optics segments. The Performance Alloys and Composites segment offers advanced engineered solutions comprising beryllium and non-beryllium containing alloy systems and custom engineered parts in strip, bulk, rod, plate, bar, tube, and other customized shapes. This segment operates the bertrandite ore mine and refinery located in Utah that provides feedstock hydroxide for its beryllium businesses and external sale. The Advances Materials segment produces advanced chemicals, microelectronics packaging, precious metal, non-precious metal, and specialty metal products, including vapor deposition targets, frame lid assemblies, clad and precious metal pre-forms, high temperature braze materials, and ultra-pure wire. This segment offers its products from its facilities, as well as through



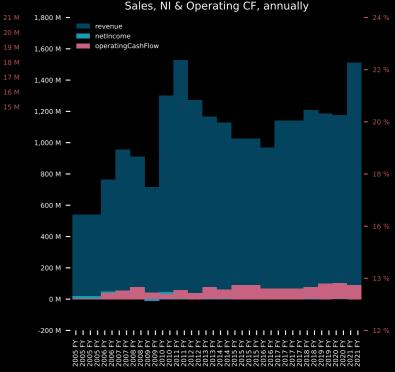
120.0 -

Price vs shares outstanding, quarterly

Sales, NI & Operating CF, quarterly

500 M -

0 M -



Materion Corporation, through with its subsidiaries, produces advanced engineered materials used in semiconductor, industrial, aerospace and defense, automotive, energy, consumer electronics, and telecom and data center in the United States, Asia, Europe, and internationally. It operates through Performance Alloys and Composites, Advanced Materials, and Precision Optics segments. The Performance Alloys and Composites segment offers advanced engineered solutions comprising beryllium and non-beryllium containing alloy systems and custom engineered parts in strip, bulk, rod, plate, bar, tube, and other customized shapes. This segment operates the bertrandite ore mine and refinery located in Utah that provides feedstock hydroxide for its beryllium businesses and external sale. The Advances Materials segment produces advanced chemicals, microelectronics packaging, precious metal, non-precious metal, and specialty metal products, including vapor deposition targets, frame lid assemblies, clad and precious metal pre-forms, high temperature braze materials, and ultra-pure wire. This segment offers its products from its facilities, as well as through



100 M -

50 M -

-50 M -

-100 M -

1,500 M -

1,250 M -

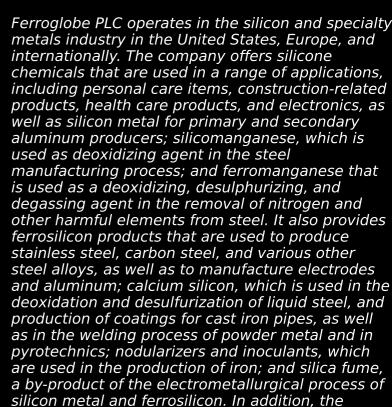
1,000 M -

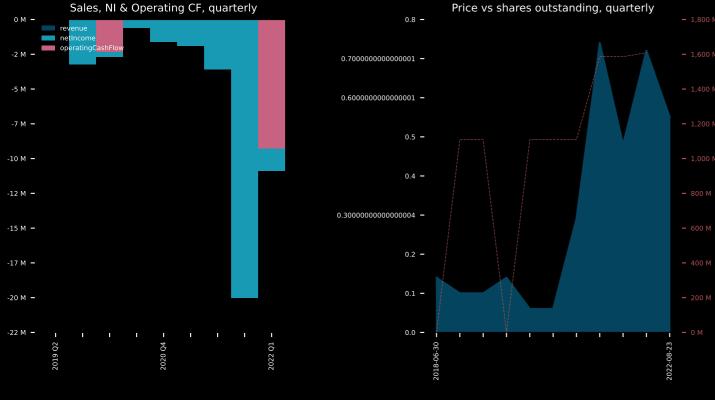
750 M -

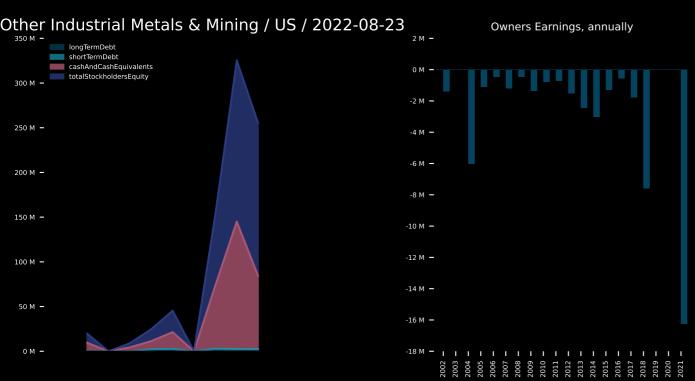
500 M -

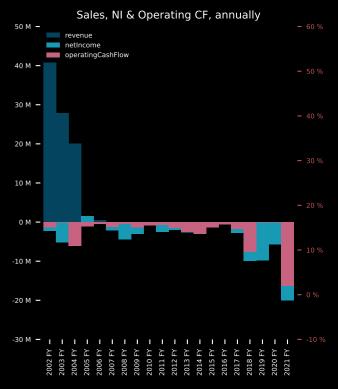
250 M -

0 M -

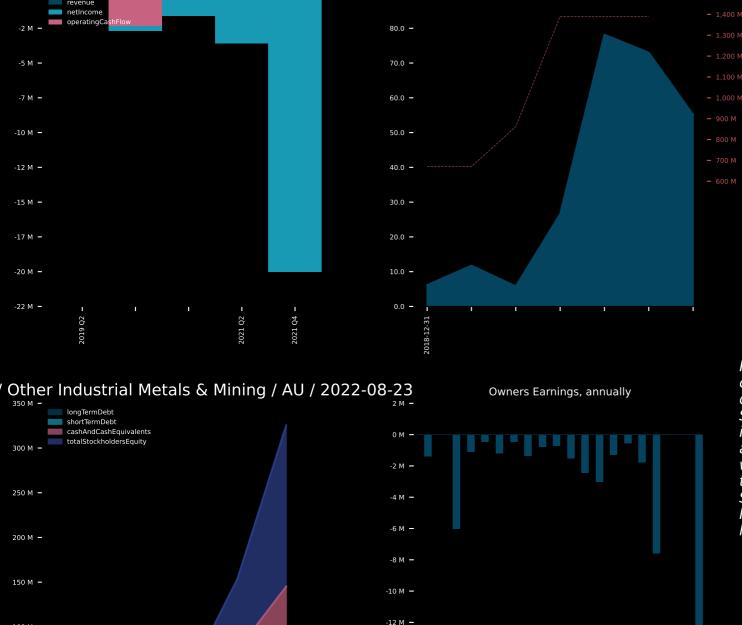








Piedmont Lithium Inc., an exploration stage company, engages in the exploration and development of resource projects in the United States. The company primarily holds a 100% interest in the Carolina Lithium Project that include an area of approximately 3,116 acres located within the Carolina Tin-Spodumene Belt situated to the west of Charlotte, North Carolina in the United States. It also owns a 61-acre property in Kings Mountain, North Carolina. Piedmont Lithium Inc. is headquartered in Belmont, North Carolina.



-14 M -

-16 M -

2002 - M812003 - M812004 - M812005 - M812007 - M812007 - M812017 - C011 -

90.0 -

Price vs shares outstanding, quarterly

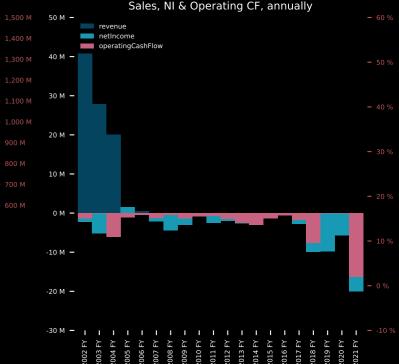
Sales, NI & Operating CF, quarterly

0 M -

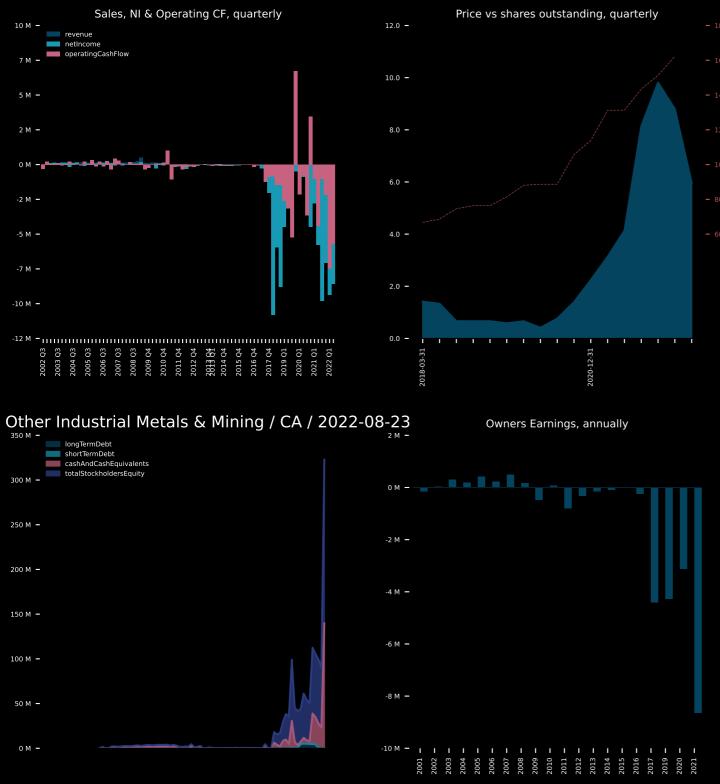
100 M -

50 M -

0 M -



Piedmont Lithium Inc., an exploration stage company, engages in the exploration and development of resource projects in the United States. The company primarily holds a 100% interest in the Carolina Lithium Project that include an area of approximately 3,116 acres located within the Carolina Tin-Spodumene Belt situated to the west of Charlotte, North Carolina in the United States. It also owns a 61-acre property in Kings Mountain, North Carolina. Piedmont Lithium Inc. is headquartered in Belmont, North Carolina.





Standard Lithium Ltd. explores for, develops, and processes lithium brine properties in the United States. Its flagship project is the Lanxess project with approximately 150,000 acres of brine leases located in south-western Arkansas. The company was formerly known as Patriot Petroleum Corp. and changed its name to Standard Lithium Ltd. in December 2016. Standard Lithium Ltd. was incorporated in 1998 and is headquartered in Vancouver, Canada.



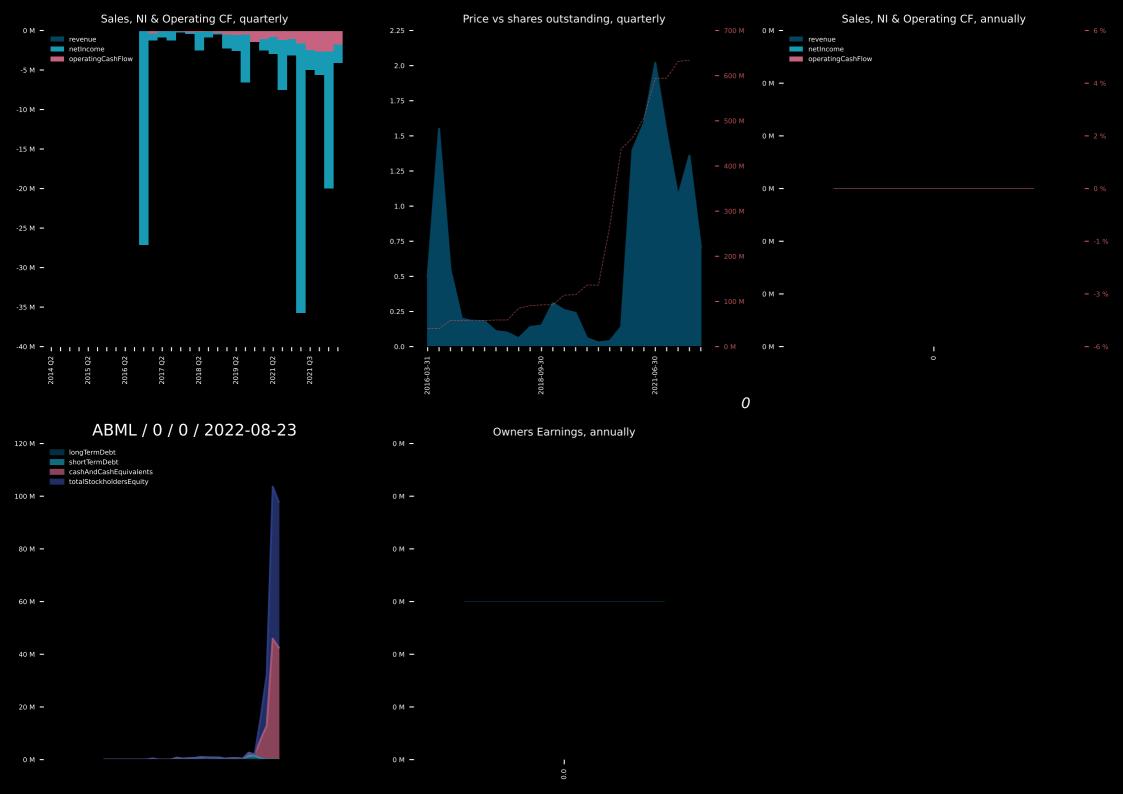
2018

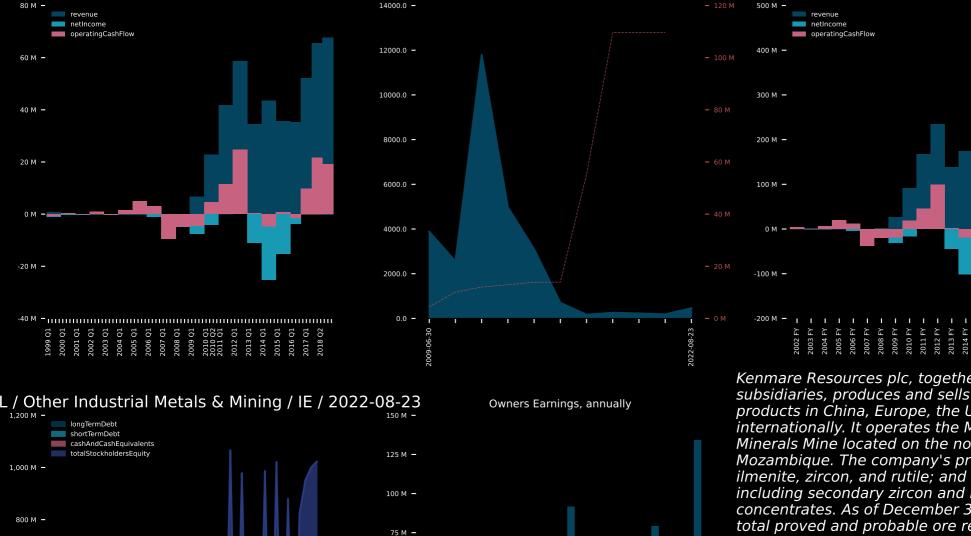
-8 M -

0 M -

Neo Lithium Corp., a lithium brine exploration company, engages in the exploration and development of resource properties. It explores for lithium deposits. It owns a 100% interest in the Tres Quebradas (3Q) project covering an area of approximately 35,000 hectares, including a salar complex of approximately 16,000 hectares located in Catamarca Province, Argentina. Neo Lithium Corp. was incorporated in 2016 and is headquartered in Toronto, Canada. As of January 26, 2022, Neo Lithium Corp. operates as a subsidiary of Zijin Mining Group Company Limited.

2020 FY





50 M -

25 M -

-25 M -

Price vs shares outstanding, quarterly

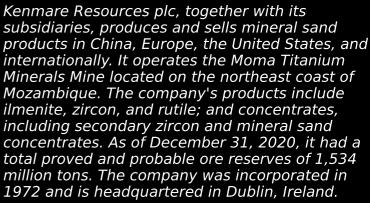
Sales, NI & Operating CF, quarterly

600 M -

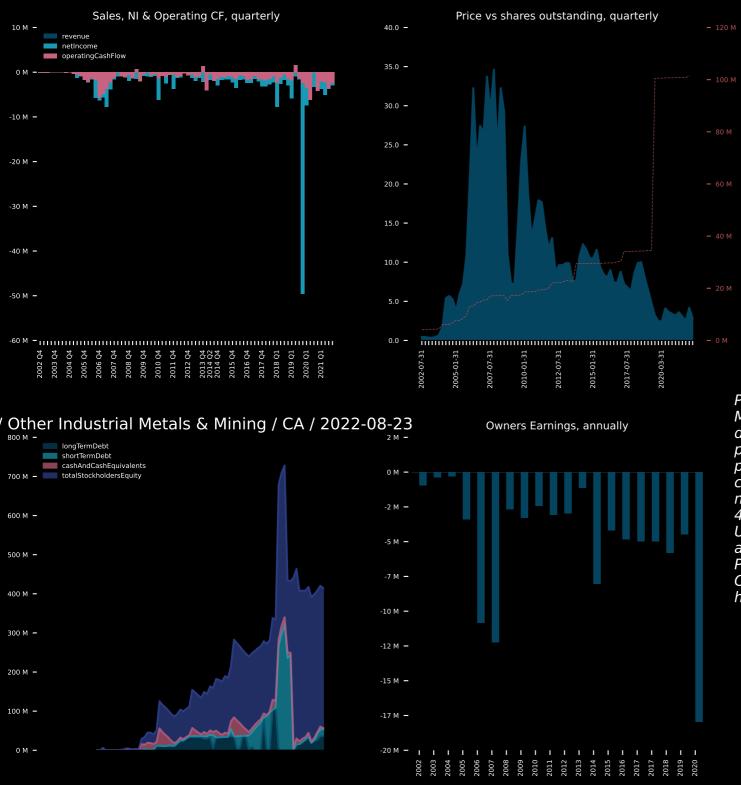
400 M -

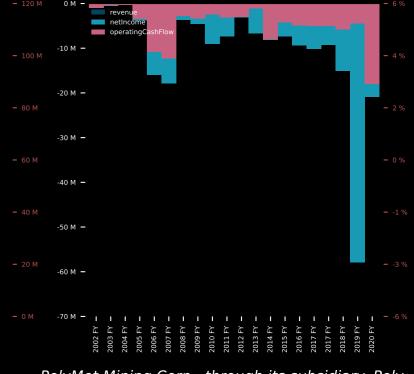
200 M -

0 M -



Sales, NI & Operating CF, annually





Sales, NI & Operating CF, annually

PolyMet Mining Corp., through its subsidiary, Poly Met Mining, Inc., engages in the exploration and development of natural resource properties. Its primary mineral property is the NorthMet project, a polymetallic project that hosts copper, nickel, cobalt, gold, silver, and platinum group metal mineralization covering an area of approximately 4,300 acres located in northeastern Minnesota, the United States. The company was formerly known as Fleck Resources Ltd. and changed its name to PolyMet Mining Corp. in June 1998. PolyMet Mining Corp. was incorporated in 1981 and is headquartered in Saint Paul, Minnesota.

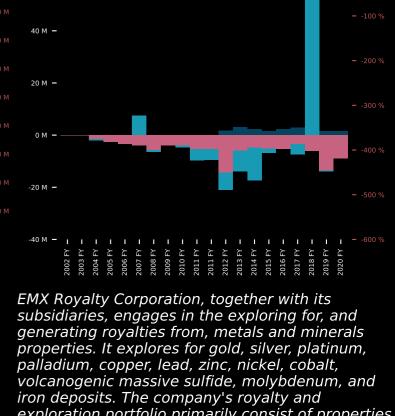


-12 M -

-14 M -

2009 2009 2010 2011 2011 2013 2015 2016 2018 2018 2018

0 M -



Sales, NI & Operating CF, annually

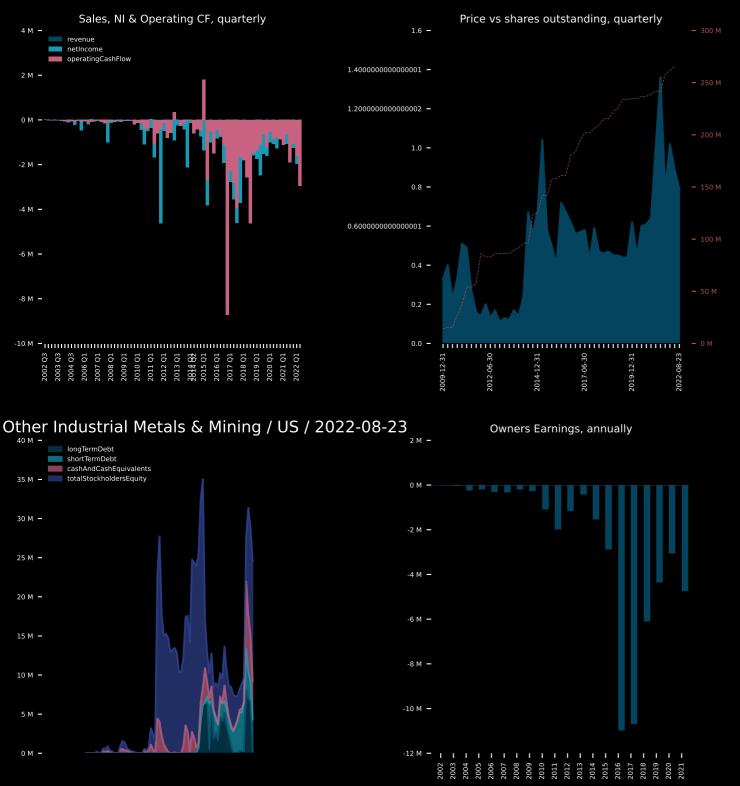
80 M -

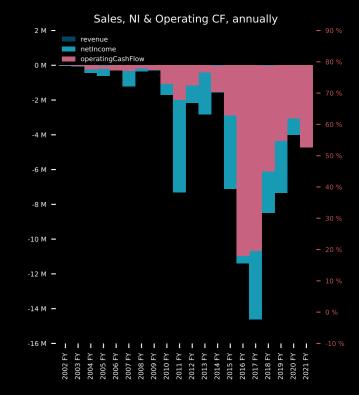
60 M -

netIncome

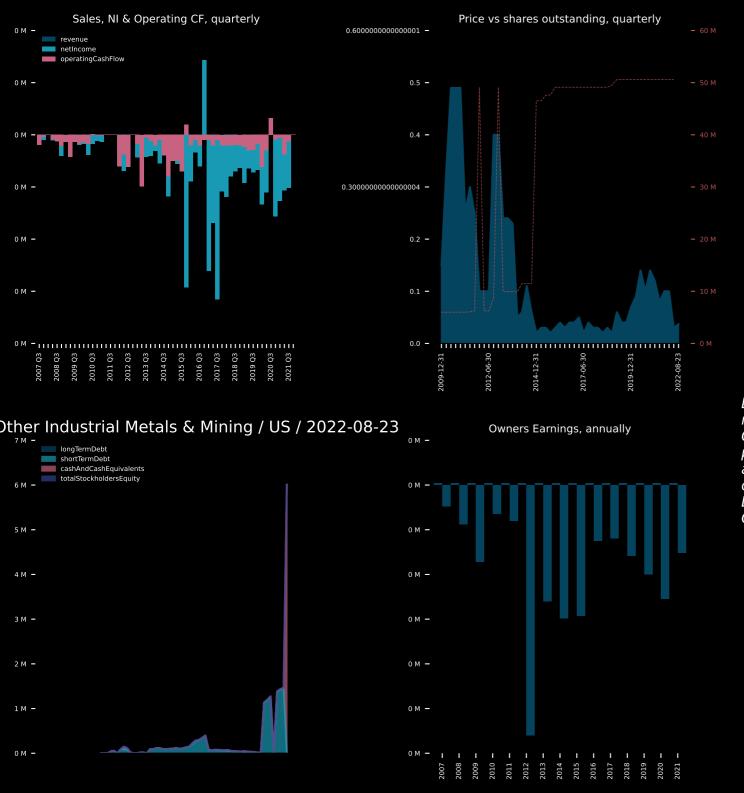
operatingCashFlow

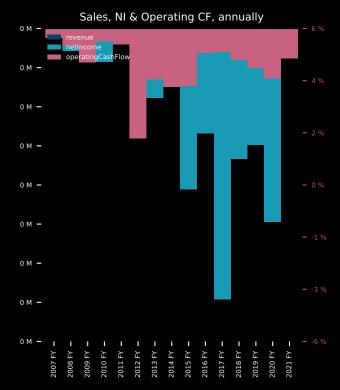
exploration portfolio primarily consist of properties in North America, Turkey, Europe, Australia, New Zealand, South America, as well as Sweden, and Norway. The company was formerly known as Eurasian Minerals Inc. and changed its name to EMX Royalty Corporation in July 2017. EMX Royalty Corporation is headquartered in Vancouver, Canada.





NioCorp Developments Ltd. explores for and develops mineral deposits in North America. It owns and develops the Elk Creek niobium/scandium/titanium project located in Southeastern Nebraska. The company was formerly known as Quantum Rare Earth Developments Corp. and changed its name to NioCorp Developments Ltd. in March 2013. NioCorp Developments Ltd. was incorporated in 1987 and is headquartered in Centennial, Colorado.





Lode-Star Mining Inc. acquires and explores for mineral properties. It holds interests in the Goldfield Bonanza project, which comprises 31 patented mineral claims covering an area of 460 acres located in the district of Goldfield in the state of Nevada. The company is based in Reno, Nevada. Lode-Star Mining Inc. is a subsidiary of Lode Star Gold Inc.



-8 M -



is headquartered in Toronto, Canada.

Sales, NI & Operating CF, annually

0 M -

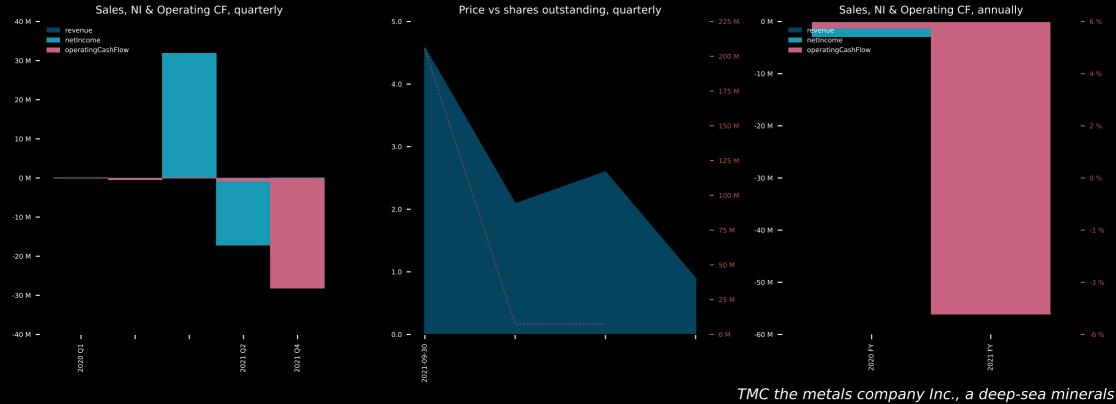
-5 M 🗕

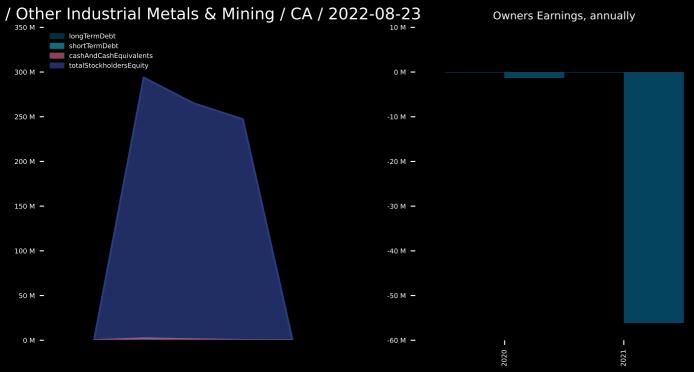
-10 M -

-15 M -

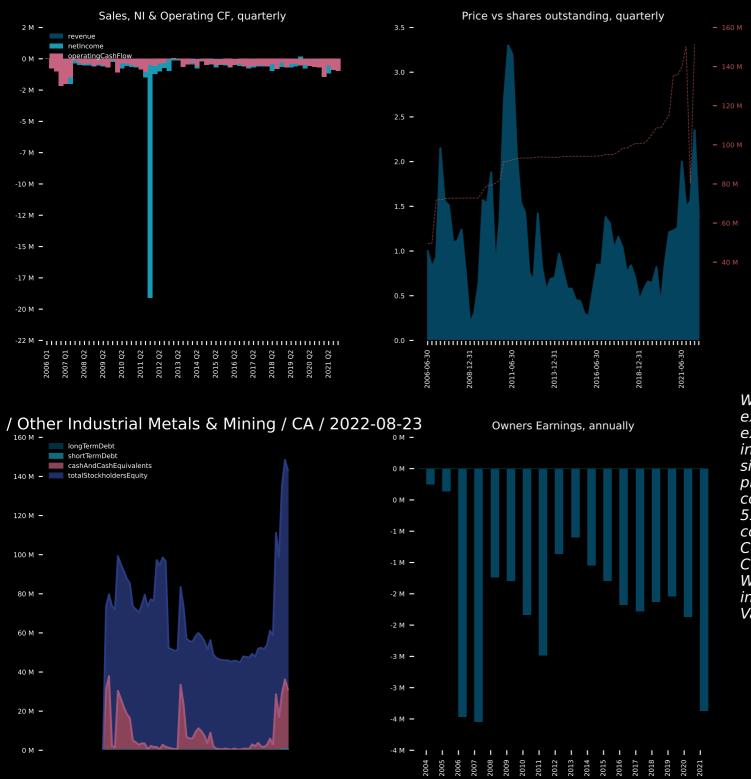
-20 M -

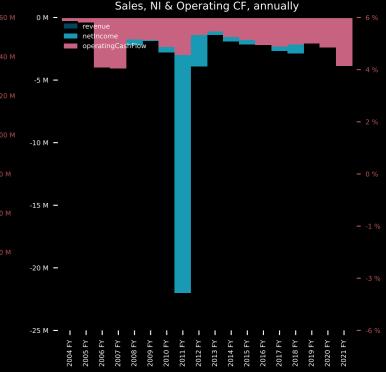
-25 M -



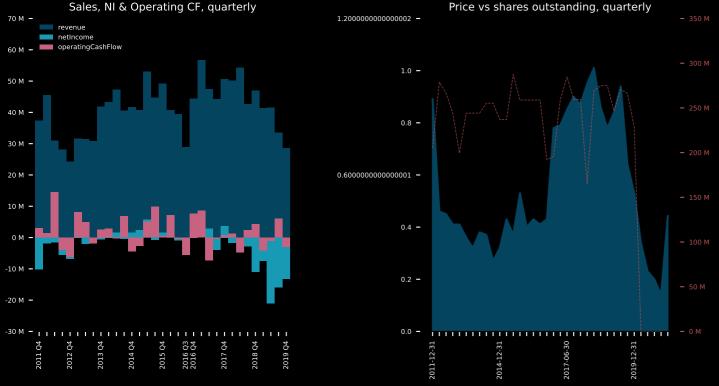


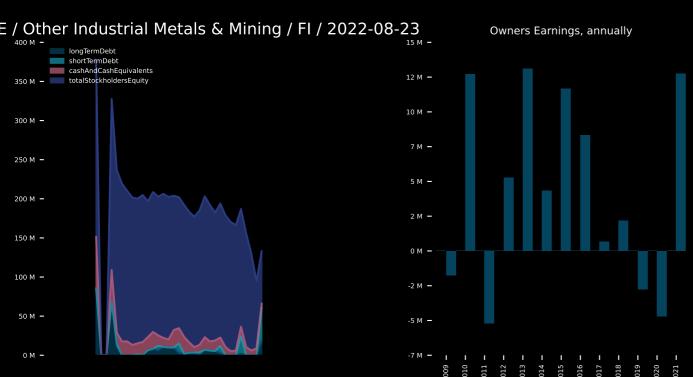
exploration company, focuses on the collection, processing, and refining of polymetallic nodules found on the seafloor in the Clarion Clipperton Zone (CCZ) in the south-west of San Diego, California. The company primarily explores for nickel, cobalt, copper, and manganese products. TMC the metals company Inc., through its subsidiaries, holds exploration rights in three polymetallic nodule contract areas in the CCZ of the Pacific Ocean. Its products are used in electric vehicles (EV), renewable energy storage markets, EV wiring, clean energy transmission, manganese alloy production required for steel production, and other applications. The company was formerly known as Sustainable Opportunities Acquisition Corporation and changed its name to TMC the metals company Inc. TMC the metals company Inc. was incorporated in 2019 and is based in Vancouver, Canada.

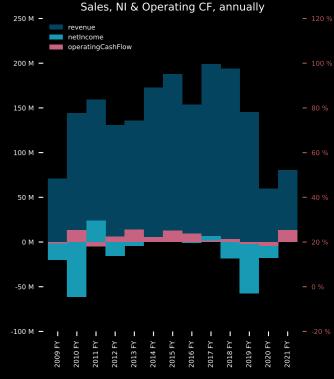




Western Copper and Gold Corporation, an exploration stage company, engages in the exploration and development of mineral properties in Canada. The company explores for gold, copper, silver, and molybdenum deposits. Its principal property is the Casino mineral property that comprise 1,136 full and partial quartz claims, and 55 placer claims located in Yukon, Canada. The company was formerly known as Western Copper Corporation and changed its name to Western Copper and Gold Corporation in October 2011. Western Copper and Gold Corporation was incorporated in 2006 and is headquartered in Vancouver, Canada.

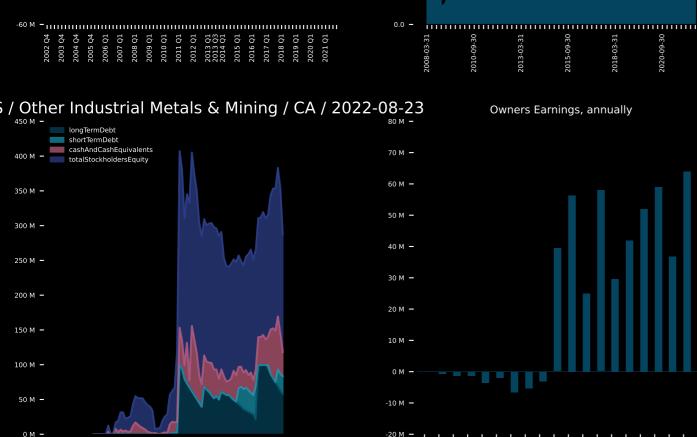




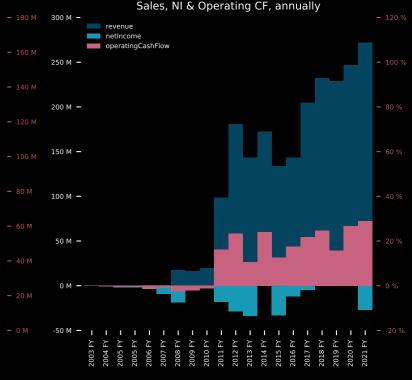


Afarak Group Oyj engages in the production and supply of chrome products worldwide. It operates through two segments, FerroAlloys and Speciality Alloys. The Ferro Alloys segment produces high carbon FeCr, plasma ferrochrome, charge ferrochrome, stainless steel alloy, and granulated MC ferrochrome. The Specialty Alloys segment offers specialized low ferrochrome, extra low carbon ferrochrome, and high chrome ferrochrome. It sells its products in the United States, China, Africa, Finland, other European Union countries, and other countries. The company was formerly known as Ruukki Group Plc and changed its name to Afarak Group Plc in July 2013. Afarak Group Oyj is based in Helsinki, Finland.

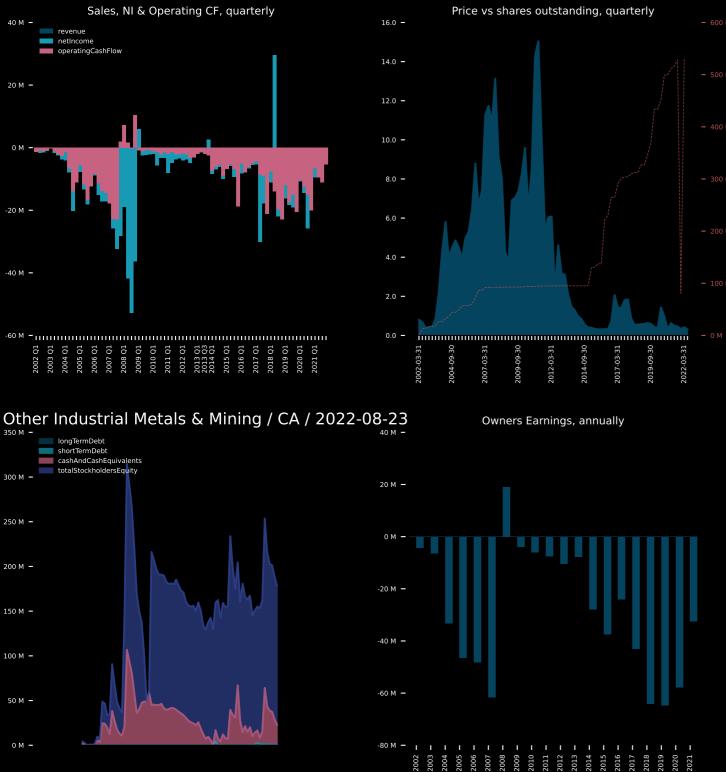




2010 2010 2011 2012 2013 2015 2015 2017 2018 2019 2020



Sierra Metals Inc., together with its subsidiaries, focuses on the production, exploration, and development of precious and base metals in Peru and Mexico. It primarily focuses on exploration of silver, copper, lead, zinc, and gold deposits. The company's flagship property is the 81.84% owned polymetallic Yauricocha Mine covering an area of 18,778 hectares located in the Yauyos province in Peru. It also holds 100% interest in the Bolivar mine, comprising of 12 mining concessions covering an area 15,217 hectares; and Cusi Mines that comprises of 73 concessions covering 11,977 hectares in Mexico. The company was formerly known as Dia Bras Exploration Inc. and changed its name to Sierra Metals Inc. in December 2012. Sierra Metals Inc. was incorporated in 1996 and is headquartered in Toronto, Canada.

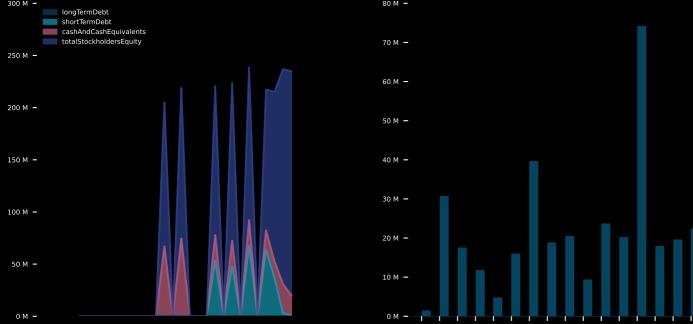




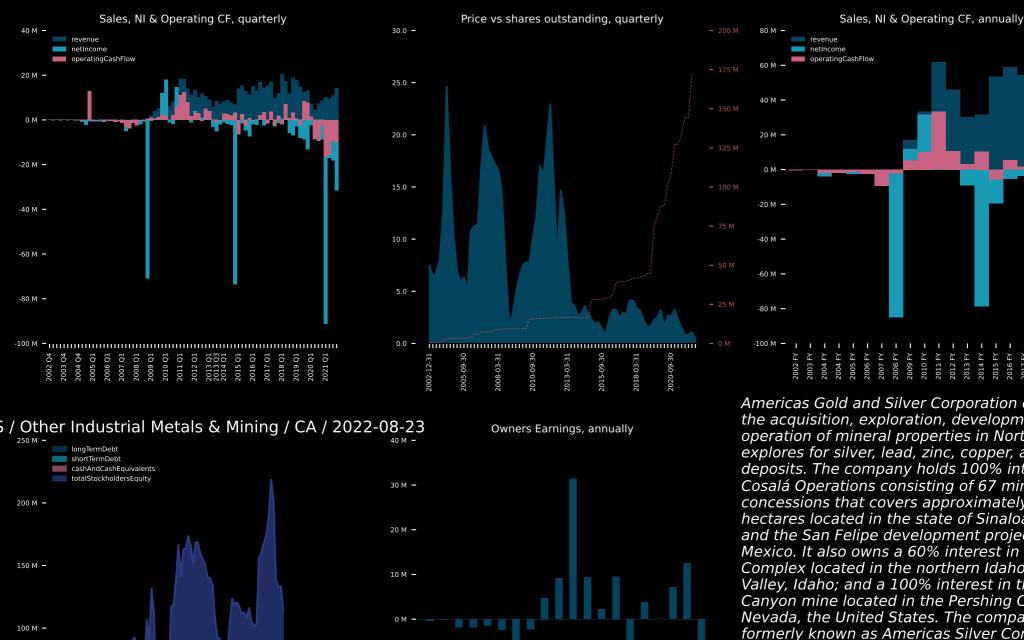
Sales, NI & Operating CF, annually

Northern Dynasty Minerals Ltd. engages in the exploration of mineral properties in the United States. Its principal mineral property is the Pebble Copper-Gold-Molybdenum-Silver-Rhenium project comprising 1,840 mineral claims that covers an area of approximately 274 square miles located in southwest Alaska, 17 miles from the villages of Iliamna and Newhalen, and approximately 200 miles southwest of the city of Anchorage. The company was formerly known as Northern Dynasty Explorations Ltd. and changed its name to Northern Dynasty Minerals Ltd. in October 1997. Northern Dynasty Minerals Ltd. was incorporated in 1983 and is headquartered in Vancouver, Canada.





Griffin Mining Limited, a mining and investment company, engages in the mining, exploration, and development of mineral properties. The company primarily explores for zinc, gold, silver, lead, and base and precious metal deposits. Its principal property is the Caijiaying mine located in Hebei Province, the People's Republic of China. The company was formerly known as European Mining Finance Ltd. and changed its name to Griffin Mining Limited in January 1998. Griffin Mining Limited was founded in 1988 and is based in London, the United Kingdom.



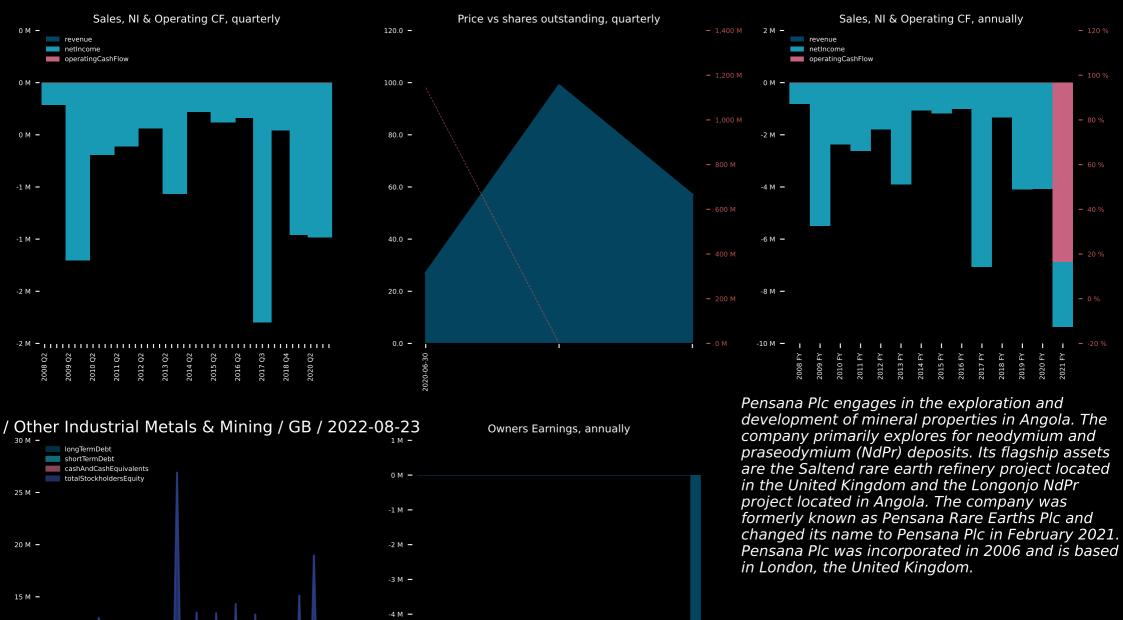
-10 M -

-20 M -

50 M -

0 M -

Americas Gold and Silver Corporation engages in the acquisition, exploration, development, and operation of mineral properties in North America. It explores for silver, lead, zinc, copper, and gold deposits. The company holds 100% interests in the Cosalá Operations consisting of 67 mining concessions that covers approximately 19,385 hectares located in the state of Sinaloa, Mexico; and the San Felipe development project in Sonora, Mexico. It also owns a 60% interest in the Galena Complex located in the northern Idaho Silver Valley, Idaho; and a 100% interest in the Relief Canyon mine located in the Pershing County, Nevada, the United States. The company was formerly known as Americas Silver Corporation and changed its name to Americas Gold and Silver Corporation in September 2019. Americas Gold and Silver Corporation was incorporated in 1998 and is headquartered in Toronto, Canada.



-5 M -

-6 M -

-7 M -

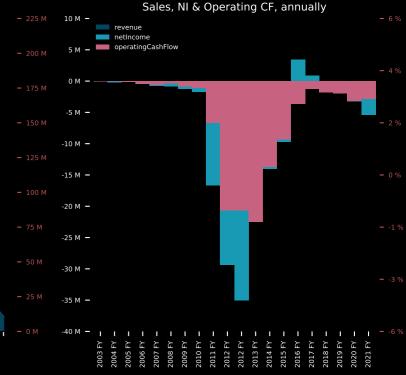
-8 M -

10 M -

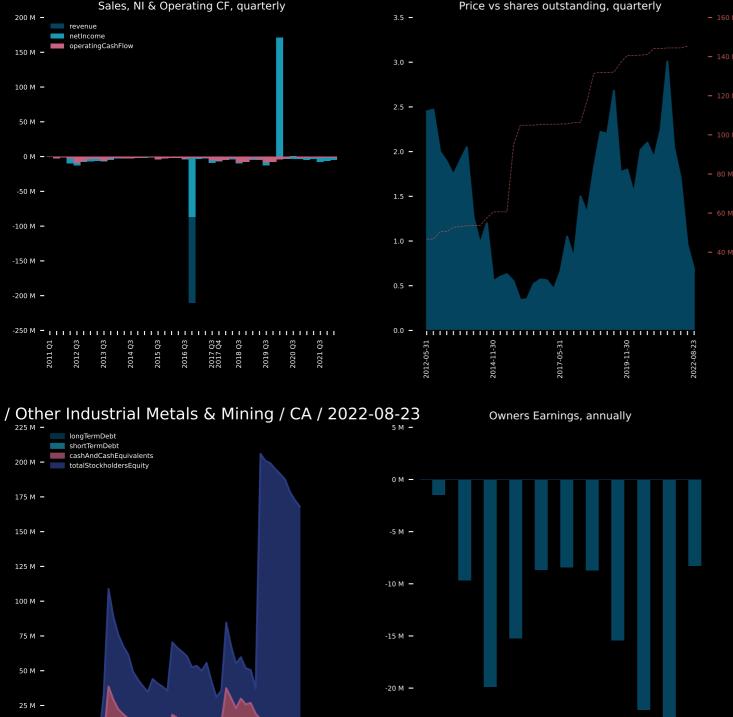
5 M -

0 M -



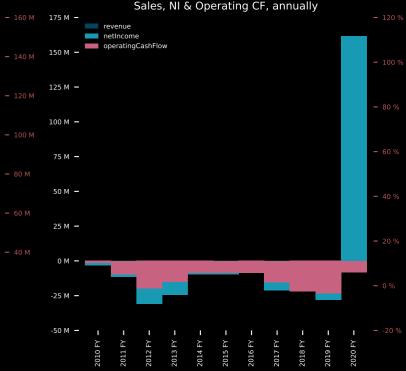


Rare Element Resources Ltd. engages in the exploration of mineral properties in the United States. It holds a 100% interest in the Bear Lodge property that comprises the Bear Lodge REE project and the Sundance Gold project located in central Crook County, northeast Wyoming. The company is headquartered in Littleton, Colorado.

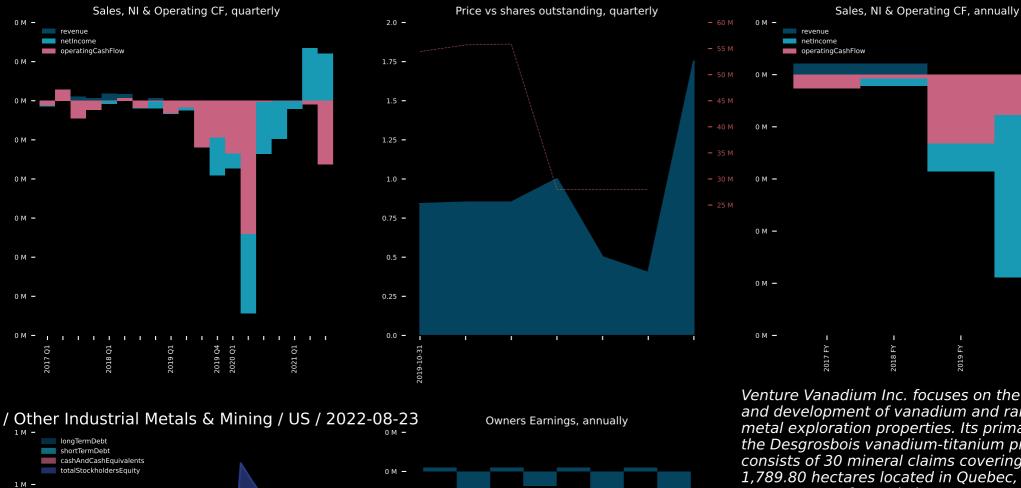


-25 M -

0 M -



Trilogy Metals Inc., a base metals exploration company, explores for and develops mineral properties in the United States. It principally holds interests in the Upper Kobuk mineral projects that include the Arctic, which contains polymetallic volcanogenic massive sulfide deposits; and Bornite that contains carbonate-hosted copper - cobalt deposits covering an area of approximately 426,690 acres located in the Ambler mining district in Northwest Alaska. The company was formerly known as NovaCopper Inc. and changed its name to Trilogy Metals Inc. in September 2016. Trilogy Metals Inc. was founded in 2004 and is headquartered in Vancouver, Canada.



0 M -

0 M -

0 M -

0 M -

0 M -

0 M -

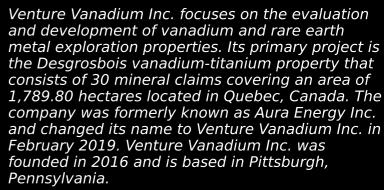
0 M -

0 M -

0 M -

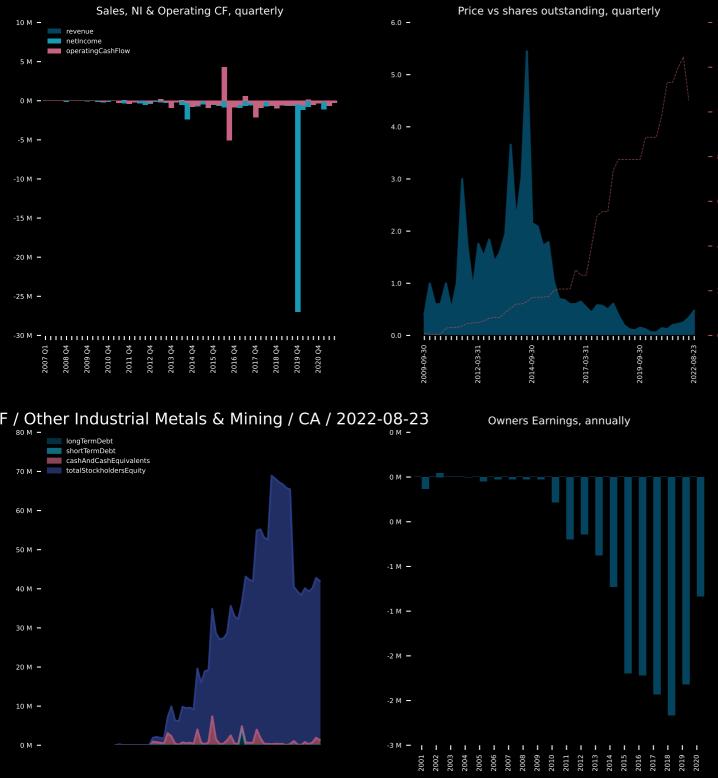
0 M -

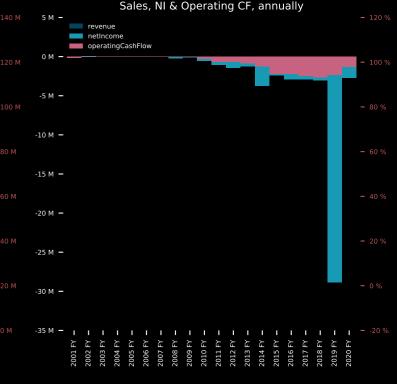
0 M -



2019 FY

2020 FY





North American Nickel Inc. operates as a mineral exploration and resource development company. The company engages in the exploration and development of mineral properties in Morocco and Canada, as well as in Botswana. Its principal asset is the Maniitsoq nickel-copper-cobalt-precious metal sulphide project covering an area of 3,048 square kilometers located in southwestern Greenland. The company was formerly known as Widescope Resources Inc. and changed its name to North American Nickel Inc. in April 2010. North American Nickel Inc. was incorporated in 1983 and is headquartered in Vancouver, Canada.

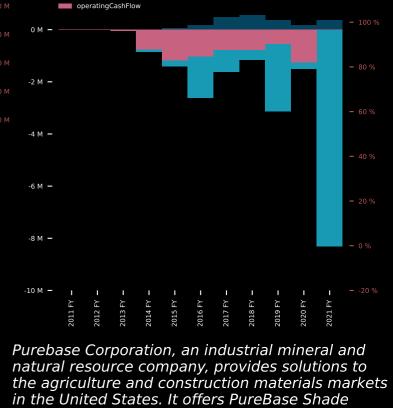


-1 M -

-1 M -

0 M -

ом –



Sales, NI & Operating CF, annually

2 M -

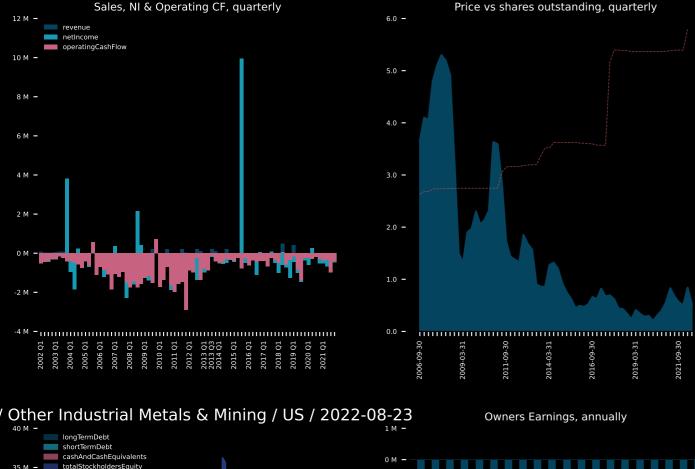
revenue

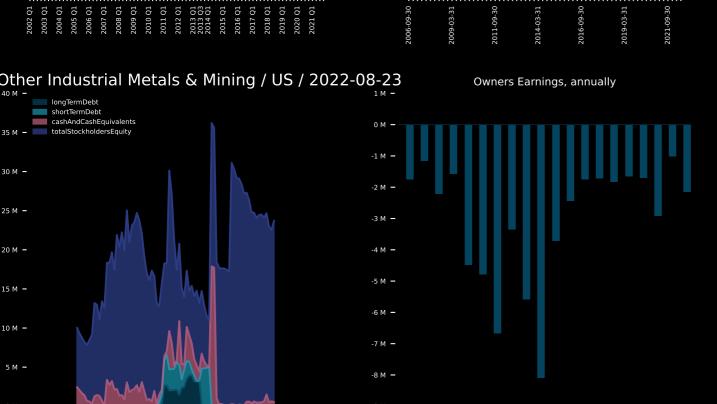
netIncome

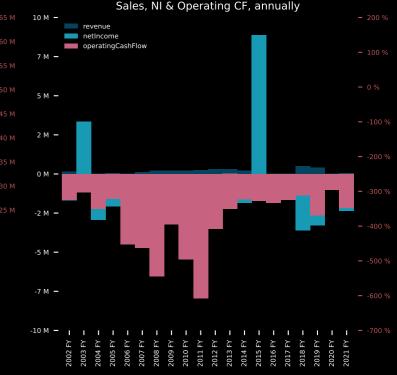
Purebase Corporation, an industrial mineral and natural resource company, provides solutions to the agriculture and construction materials markets in the United States. It offers PureBase Shade Advantage WP, a natural mineral plant protectant that reduces sunburn damage to plant tissue exposed to UV and infrared radiation. The company also provides humic acid products; and private labels product for other agricultural companies. It exports its products to Vietnam, Laos, and Cambodia. The company was formerly known as Port of Call Online, Inc. and changed its name to Purebase Corporation in January 2015. Purebase Corporation was incorporated in 2010 is headquartered in Ione, California.



-20 M -

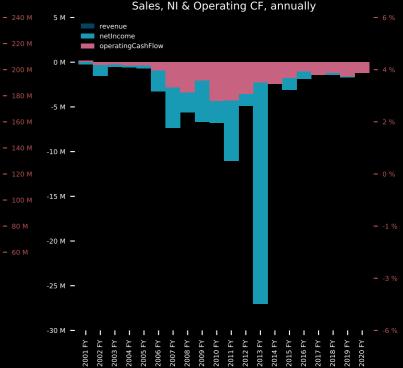






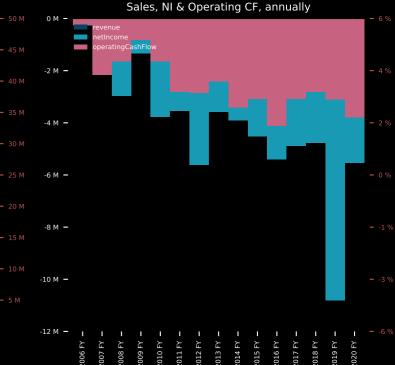
Solitario Zinc Corp., an exploration stage company, engages in the acquisition and exploration of zinc and other base metal properties in North and South America. The company holds a 50% operating interest in the Lik zinc-lead-silver property located in Northwest Alaska; 39% interest in the Florida Canyon zinc project located in northern Peru; and 85% interest in the Chambara exploration project located in Peru. It also holds interest in the Golden Crest project located in western South Dakota, Lawrence County. The company was formerly known as Solitario Exploration & Royalty Corp. and changed its name to Solitario Zinc Corp. in July 2017. Solitario Zinc Corp. was incorporated in 1984 and is based in Wheat Ridge, Colorado.



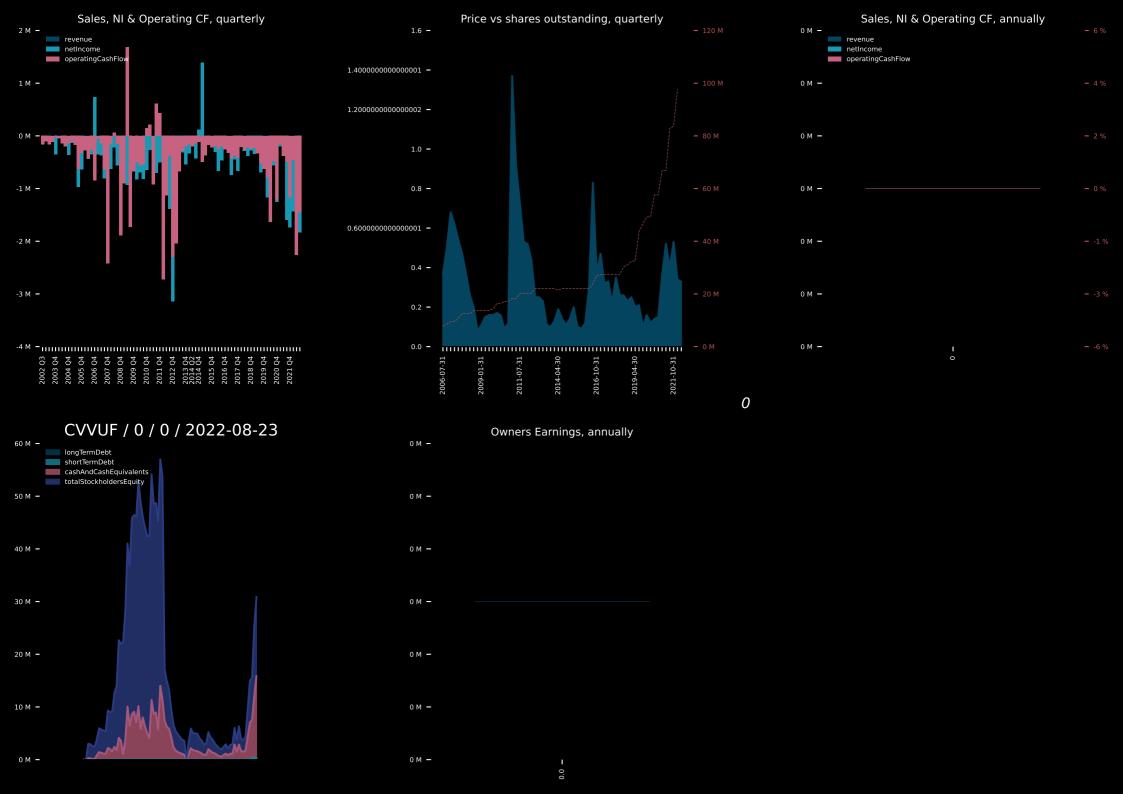


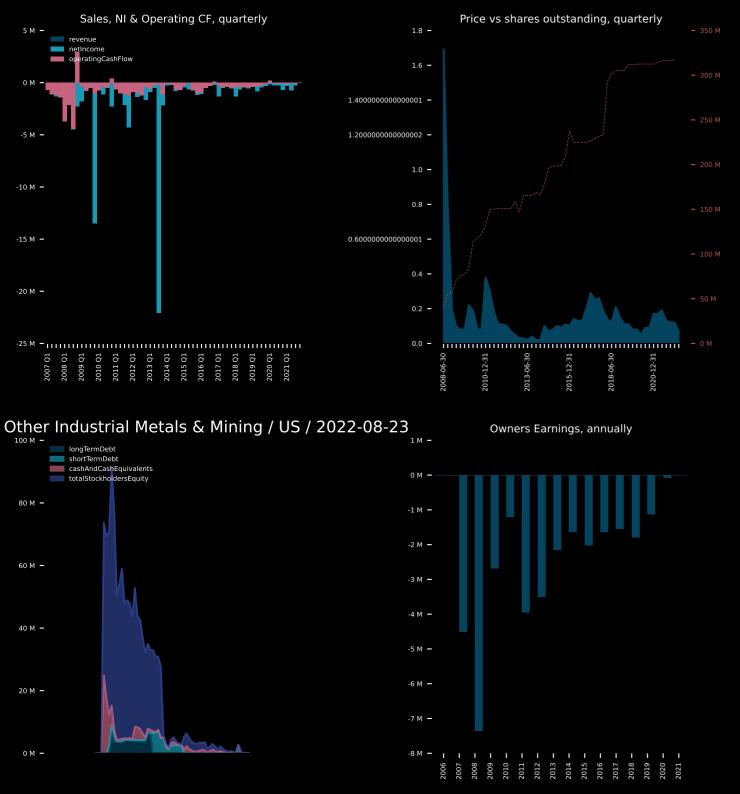
Quaterra Resources Inc. operates as a copper exploration and development company primarily in the United States. It holds 100% interests in the MacArthur and Yerington properties; and holds an option to earn a 100% interest in the Bear, Wassuk, and Butte Valley properties located in Nevada, as well as holds an option to acquire a 90% interest in the Groundhog copper prospect located to the southwest of Anchorage, Alaska. The company was formerly known as Aquaterre Mineral Development Ltd. and changed its name to Quaterra Resources Inc. in October 1997. Quaterra Resources Inc. was incorporated in 1993 and is headquartered in Vancouver, Canada.

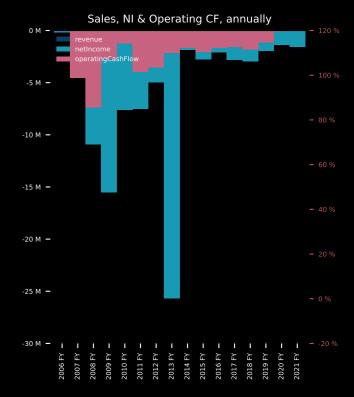




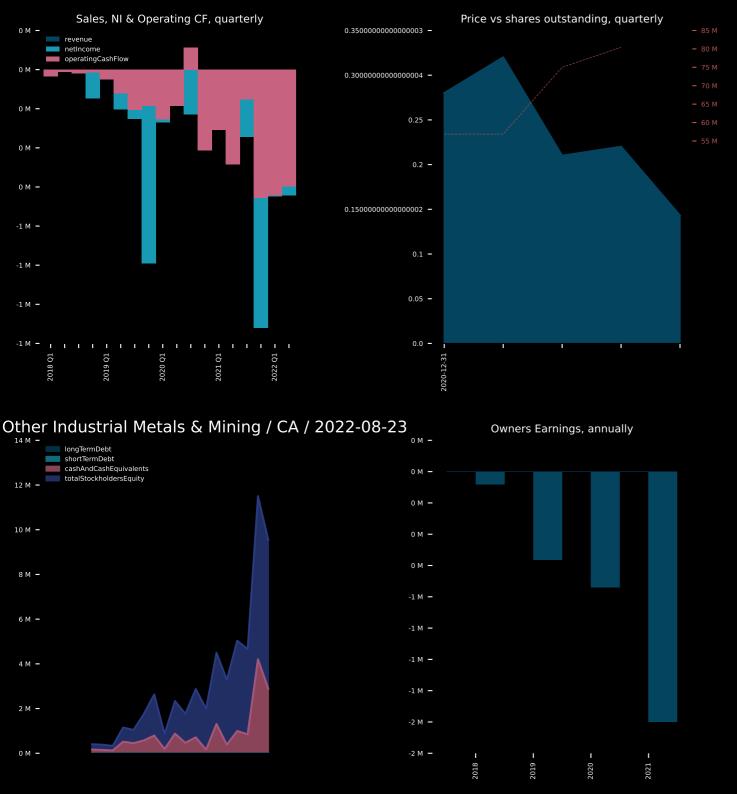
Ucore Rare Metals Inc. engages in the exploration and separation of elements in Canada and the United States. It primarily holds a 100% interest in the Bokan Mountain/Dotson Ridge property located in Prince of Wales Island, Alaska. The company was formerly known as Ucore Uranium Inc. and changed its name to Ucore Rare Metals Inc. in June 2010. Ucore Rare Metals Inc. was founded in 2006 and is headquartered in Halifax, Canada.

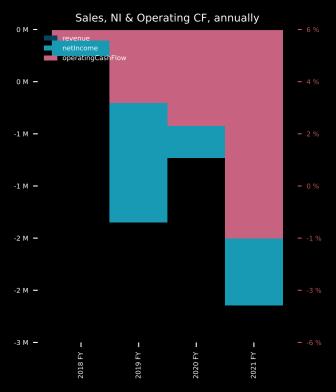




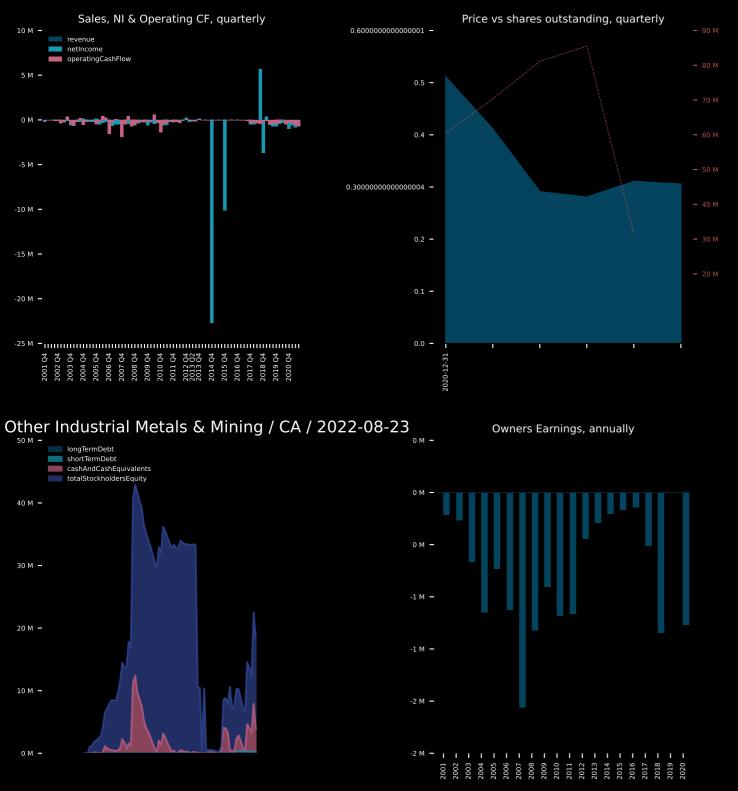


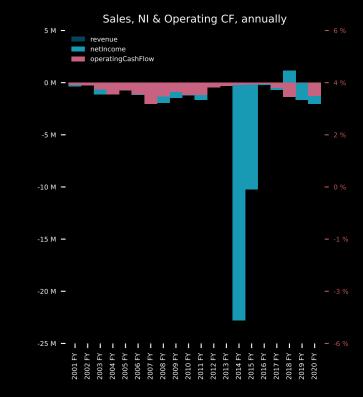
Scandium International Mining Corp., an exploration stage company, focuses on the exploration, evaluation, and development of specialty metals assets in Australia. Its principal project is the Nyngan scandium project located in New South Wales, Australia. The company was formerly known as EMC Metals Corp. and changed its name to Scandium International Mining Corp. in November 2014. Scandium International Mining Corp. was incorporated in 2006 and is headquartered in Sparks, Nevada.



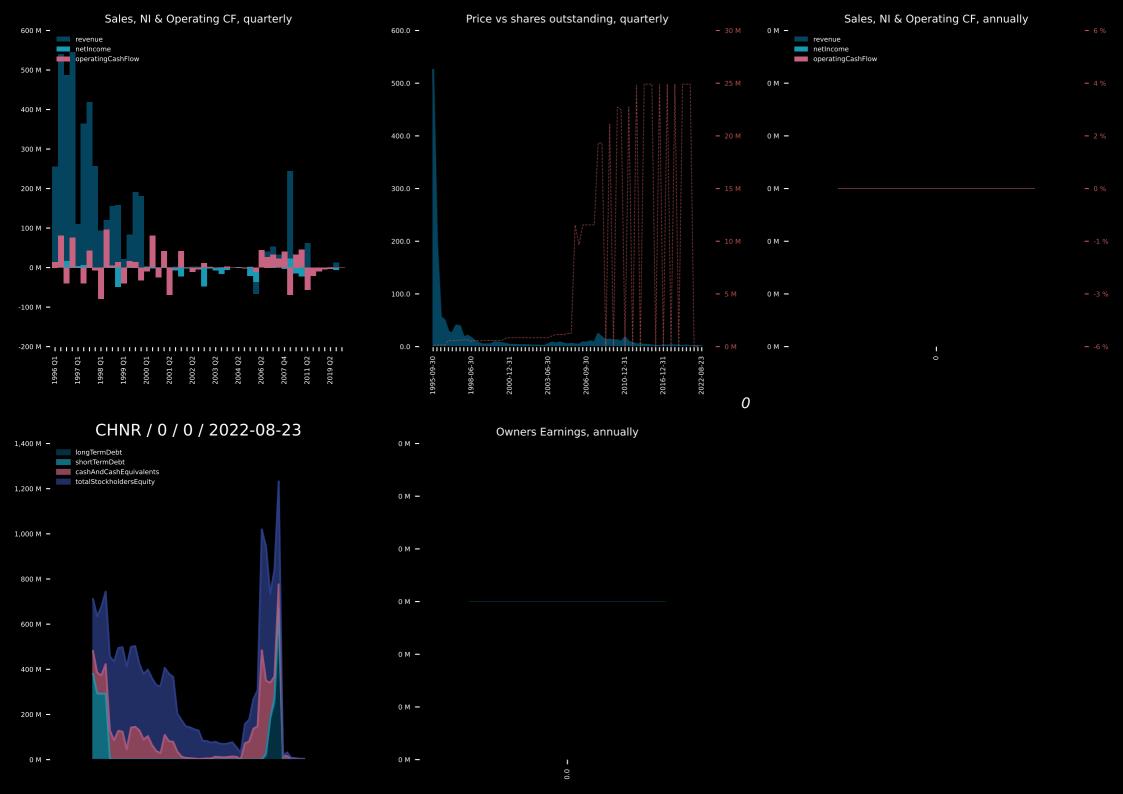


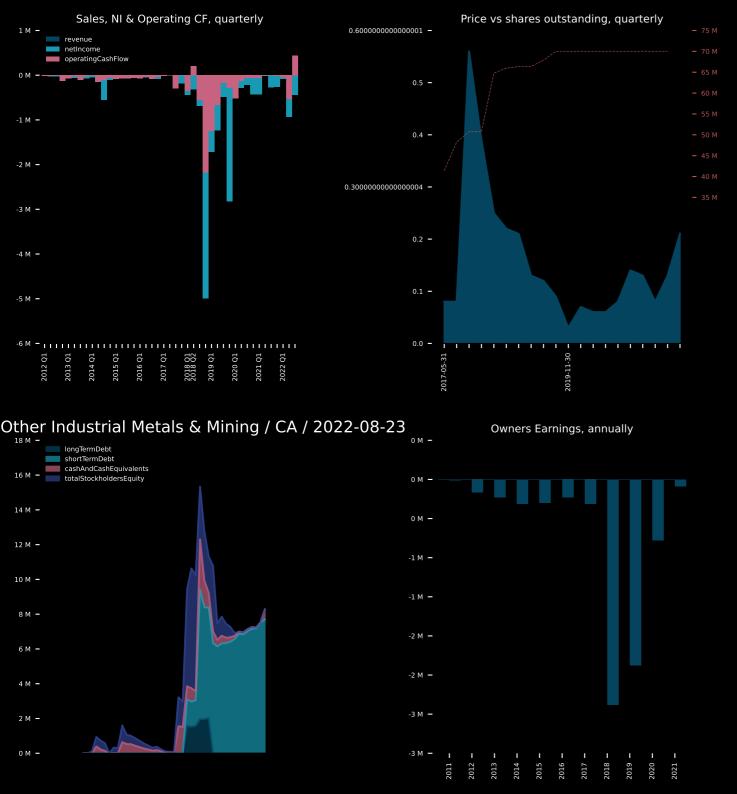
Defense Metals Corp., a junior exploration company, engages in the acquisition and exploration of mineral properties in Canada. It has an option to acquire 100% interest in the Wicheeda project consisting of six mining claims covering an area of 1,708 hectares located in British Columbia. The company was formerly known as First Legacy Mining Corp. and changed its name to Defense Metals Corp. in December 2018. Defense Metals Corp. was incorporated in 2016 and is headquartered in Vancouver, Canada.

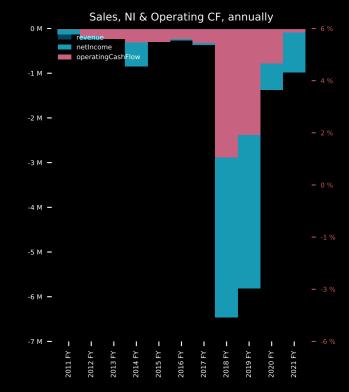




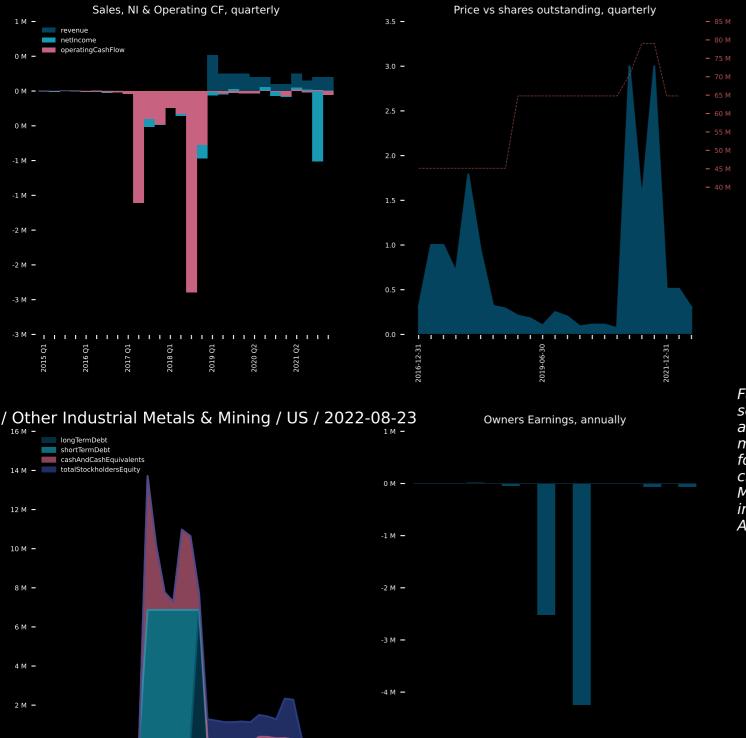
Giga Metals Corporation acquires, explores for, and develops mineral properties in Canada. The company explores for nickel and cobalt sulphide deposits. It owns a 100% interest in the Turnagain property comprising 71 contiguous mineral claims covering an area of 38,000 hectares located in the Liard Mining Division of northern British Columbia. The company was formerly known as Hard Creek Nickel Corporation and changed its name to Giga Metals Corporation in August 2017. Giga Metals Corporation was founded in 1983 and is headquartered in Vancouver, Canada.







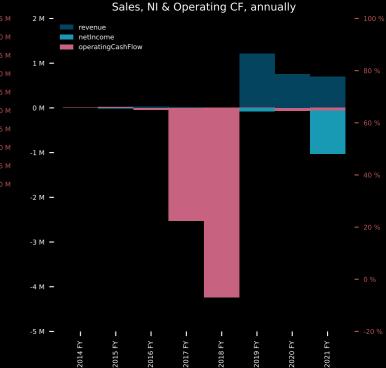
Lithium Energi Exploration Inc. engages in the acquisition, exploration, and development of lithium brine assets in Argentina. It holds interests in the Laguna Caro project that includes eight mineral concessions covering approximately 17,759 hectares; the Antofalla North project that consists of thirteen mineral concessions covering approximately 41,496 hectares; and the Antofalla South project that includes eighteen mineral concessions covering 69,112 hectares in Argentina. The company was formerly known as Portola Resources Inc. and changed its name to Lithium Energi Exploration Inc. in March 2017. Lithium Energi Exploration Inc. was incorporated in 1998 and is headquartered in Toronto, Canada.



2015

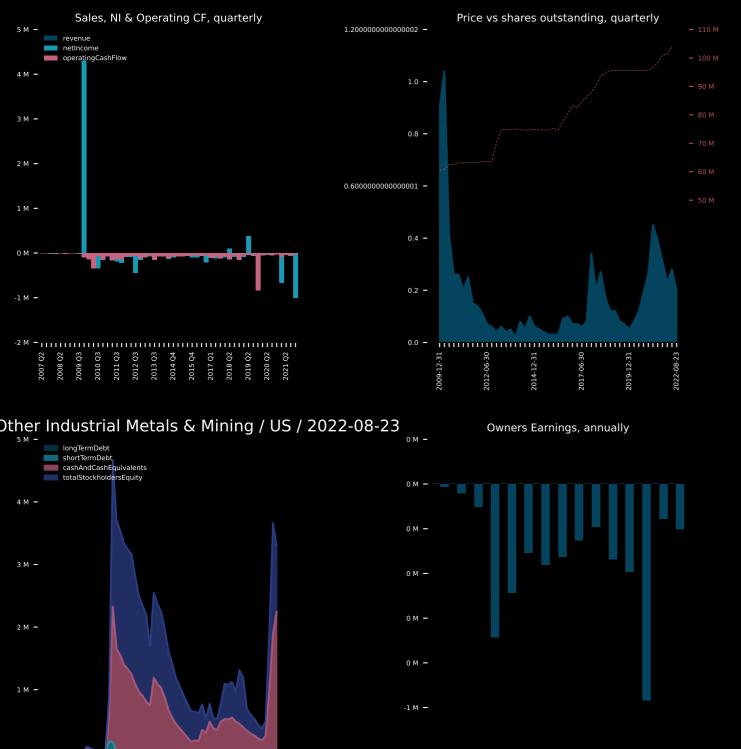
2017

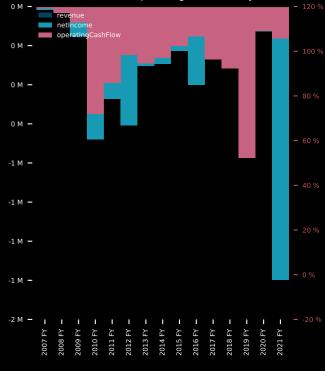
0 M -



Fuse Group Holding Inc. provides consulting services to mining industry clients to find acquisition targets. It primarily focuses on the mining and biotech areas. The company was formerly known as Fuse Enterprises Inc. and changed its name to Fuse Group Holding Inc. in May 2019. Fuse Group Holding Inc. was incorporated in 2013 and is headquartered in Arcadia, California.

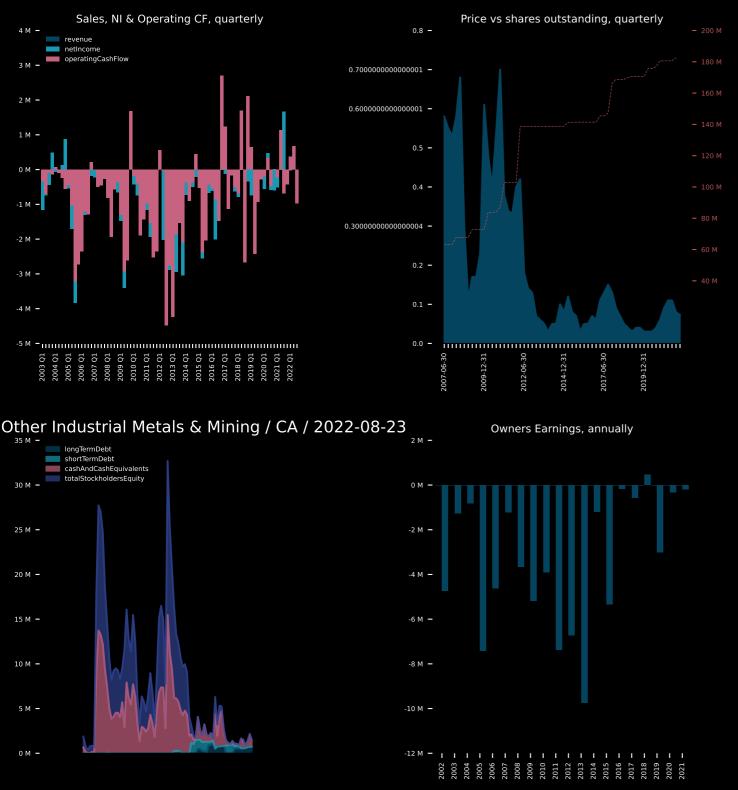
2020

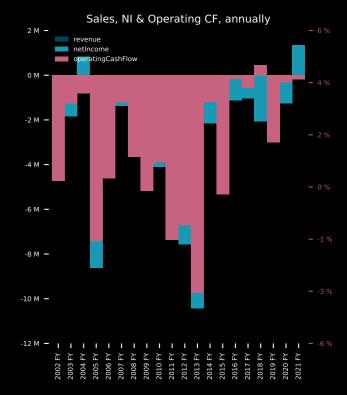




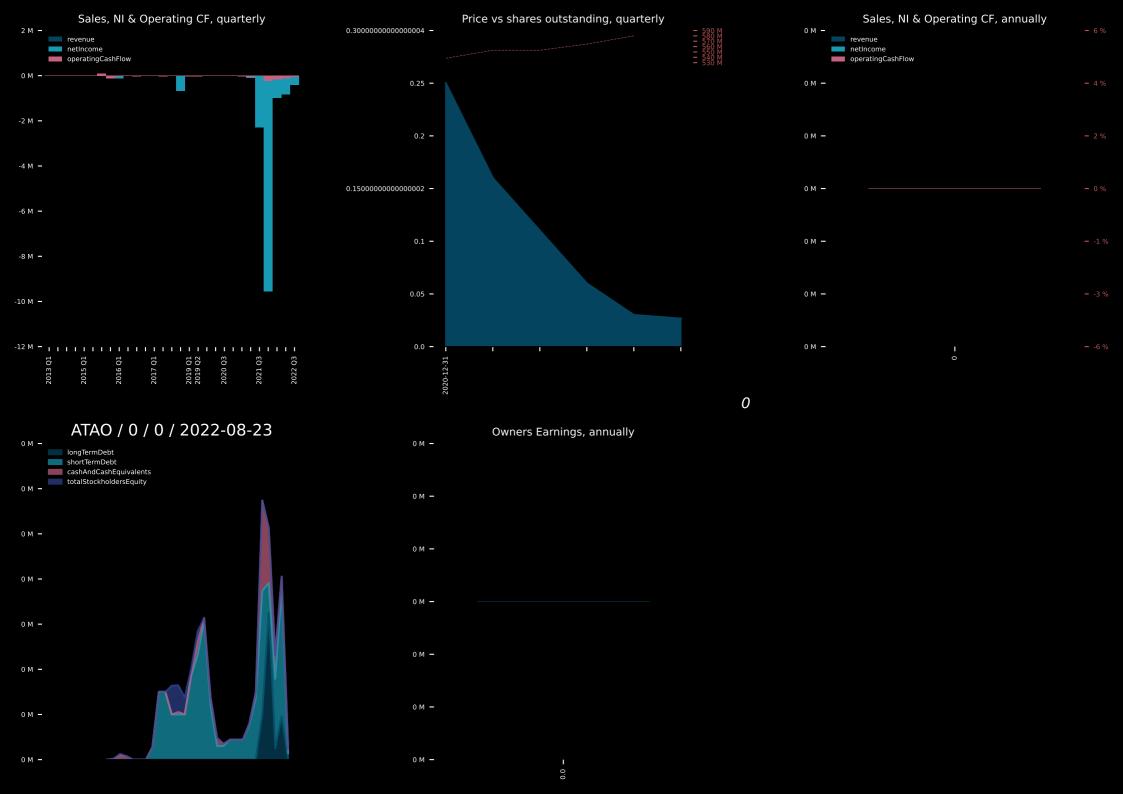
Sales, NI & Operating CF, annually

Lithium Corporation, an exploration stage mining company, engages in the identification, acquisition, and exploration of metals and minerals in Nevada and British Columbia. It explores for lithium/boron/potassium, graphite, gold, and silver deposits, as well as titanium and rare earth elements. The company owns interests in the Fish Lake Valley property that includes 143 claims covering an area of approximately 11,360 acres located in northern Esmeralda County in west central Nevada; and San Emidio property comprising 10 claims, which cover an area of approximately 1,600 acres located in Washoe County in northwestern Nevada. It also holds interests in the BC Sugar Flake Graphite property covering an area 19,816 acres located in the Cherryville area of British Columbia; and Hughes claims located in the six discrete prospect areas of Nevada. The company was formerly known as Utalk Communications Inc. and changed its name to Lithium Corporation in September 2009. Lithium Corporation was incorporated in 2007 and is headquartered in Elko, Nevada.

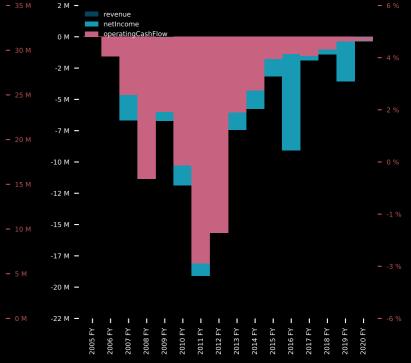




Amarc Resources Ltd. engages in the acquisition, exploration, and development of mineral properties in Canada. The company explores for copper, gold, silver, and molybdenum deposits. It holds 100% interests in the IKE project covering an area of 462 square kilometers located in the Gold Bridge, south-central British Columbia; the DUKE project covering an area of 704 square kilometers located in northeast of Smithers, British Columbia; and the JOY project covering an area of 482 square kilometers located in the Toodoggone region of north-central British Columbia. The company was formerly known as Patriot Resources Ltd. and changed its name to Amarc Resources Ltd. in January 1994. Amarc Resources Ltd. was incorporated in 1993 and is based in Vancouver, Canada.







U3O8 Corp. focuses on the exploration, development, and evaluation of uranium properties in South America. The company also explores for vanadium, nickel, zinc, phosphate, yttrium, neodymium, molybdenum, rhenium, and other metals. Its flagship property is the Berlin project located in Caldas province of central Colombia. The company was incorporated in 2005 and is based in

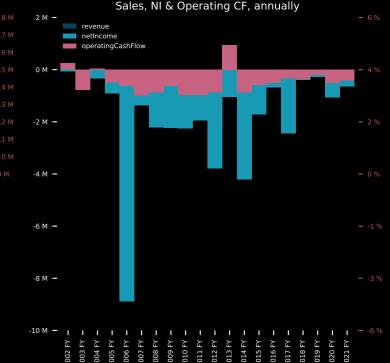


-1 M -

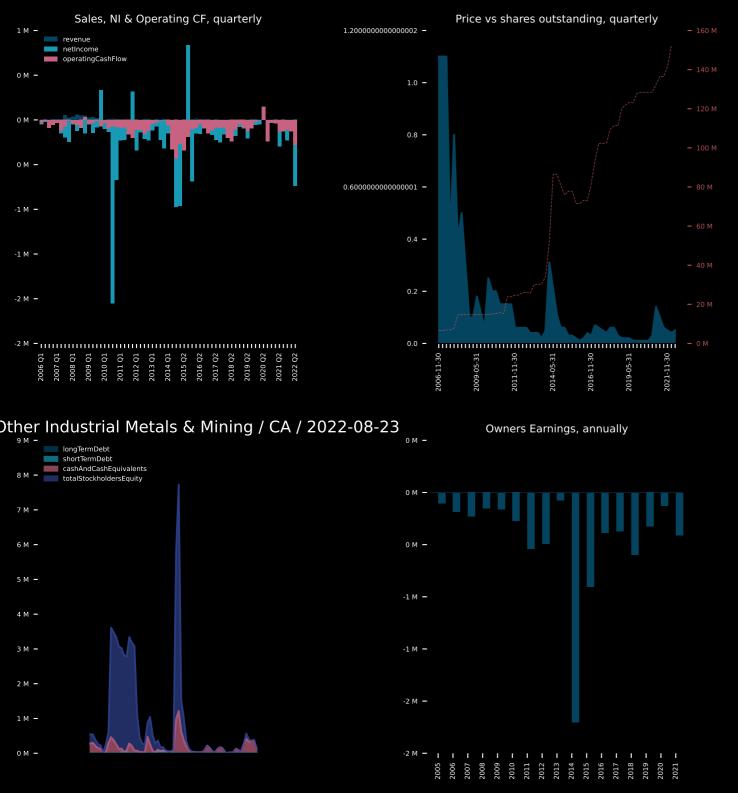
-2 M -

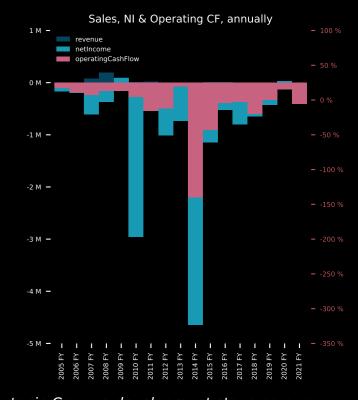
Red Metal Resources Ltd., an early stage mineral exploration company, engages in acquiring, exploring, and developing mineral resources in Chile. The company explores for copper, gold, cobalt, and silver deposits. It holds interests in the Farellon property that covers a total area of 1,234 hectares, which is located in the Carrizal Alto mining district; the Perth property, which covers an area of approximately 2,300 hectares that is located in the III Region of Atacama, Chile; and the Mateo property covering an area of 192 hectares in the III Region of Chile, Region de Atacama. The company was formerly known as Red Lake Exploration, Inc. and changed its name to Red Metal Resources Ltd. in August 2008. Red Metal Resources Ltd. was founded in 2005 and is headquartered in Thunder Bay, Canada.



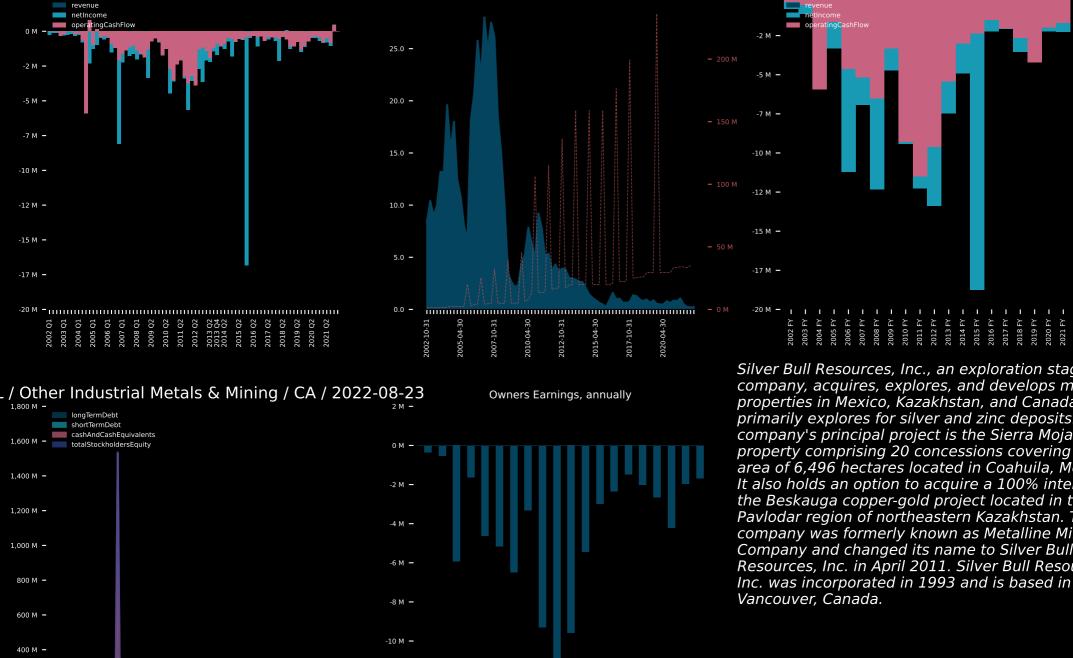


Pacific Booker Minerals Inc. engages in the exploration of mineral properties in Canada. The company primarily explores for copper, gold, silver, and molybdenum concentrates. It primarily holds interests in the Morrison property located in British Columbia. The company was formerly known as Booker Gold Explorations Limited and changed its name to Pacific Booker Minerals Inc. in February 2000. Pacific Booker Minerals Inc. was incorporated in 1983 and is based in Vancouver, Canada.





Enertopia Corp., a development stage company, focuses on pursuing business opportunities in the natural resource and technology sectors in Canada. The company holds 100% interests in the lode and placer claims in Clayton Valley, Nevada. Its technology is used to recover and extract battery grade lithium carbonate powder from brine solutions. The company was formerly known as Golden Aria Corp. and changed its name to Enertopia Corp. in February 2010. Enertopia Corp. was founded in 2004 and is headquartered in Kelowna, Canada.



-12 M -

30.0 -

Price vs shares outstanding, quarterly

2005 2007 2008 2009 2010 2011 2012 2014 2015 2015 2016 2017 2018 2018

Sales, NI & Operating CF, quarterly

200 M -

0 M -

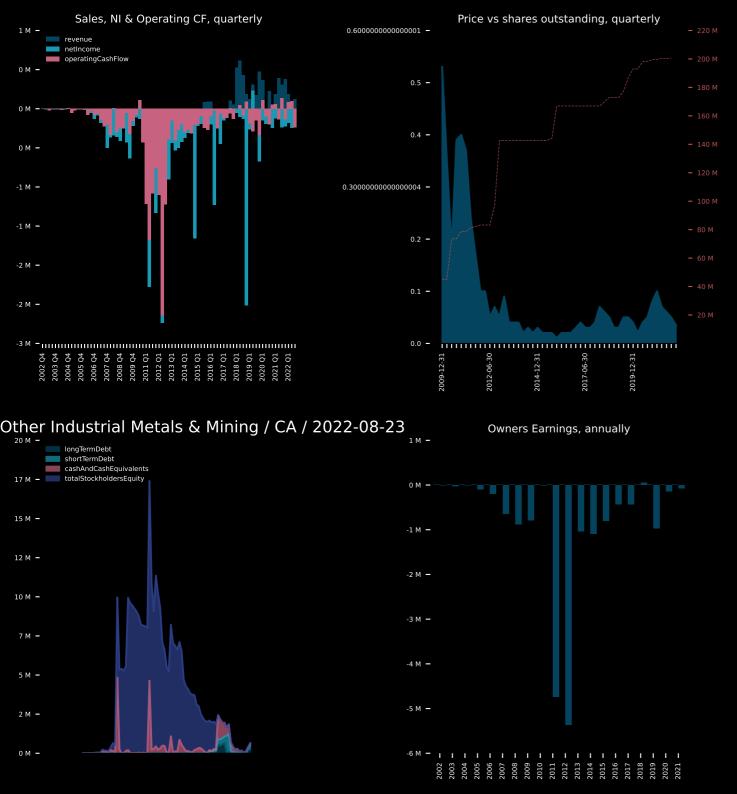


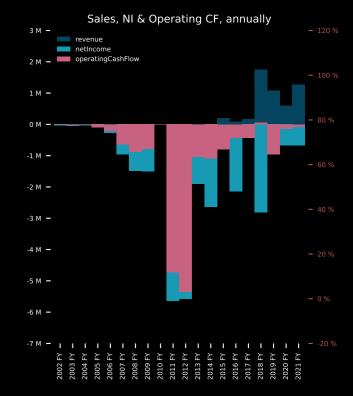
Sales, NI & Operating CF, annually

-2 M -

-5 M **–** 

-10 M -





Canada Rare Earth Corp., a development stage company, engages in the exploration and development of rare earth elements in Asia. The company provides high-purity rare earth oxides, rare earth fluorides, larger particle/nano rare earth oxides, and other products. Its products are used in various industries, such as high-end electronics, lighting solutions, ceramics and glass, catalytic and cracking, magnets, and atomic energy. The company was formerly known as Rare Earth Metals Inc. and changed its name to Canada Rare Earth Corp. in February 2013. Canada Rare Earth Corp. was incorporated in 1987 and is headquartered in Vancouver, Canada.



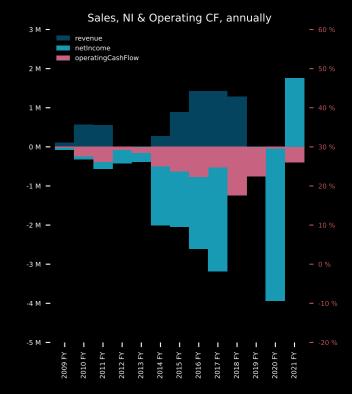


-1 M -

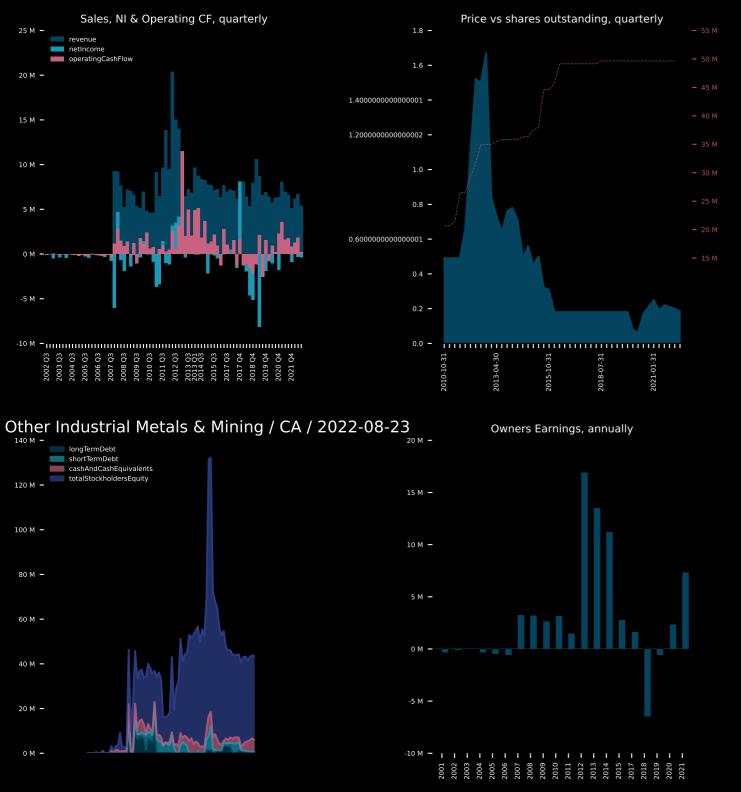
-1 M -

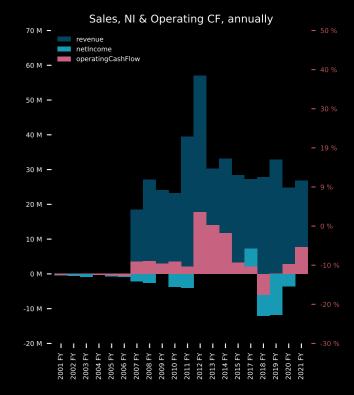
2 M -

1 M -

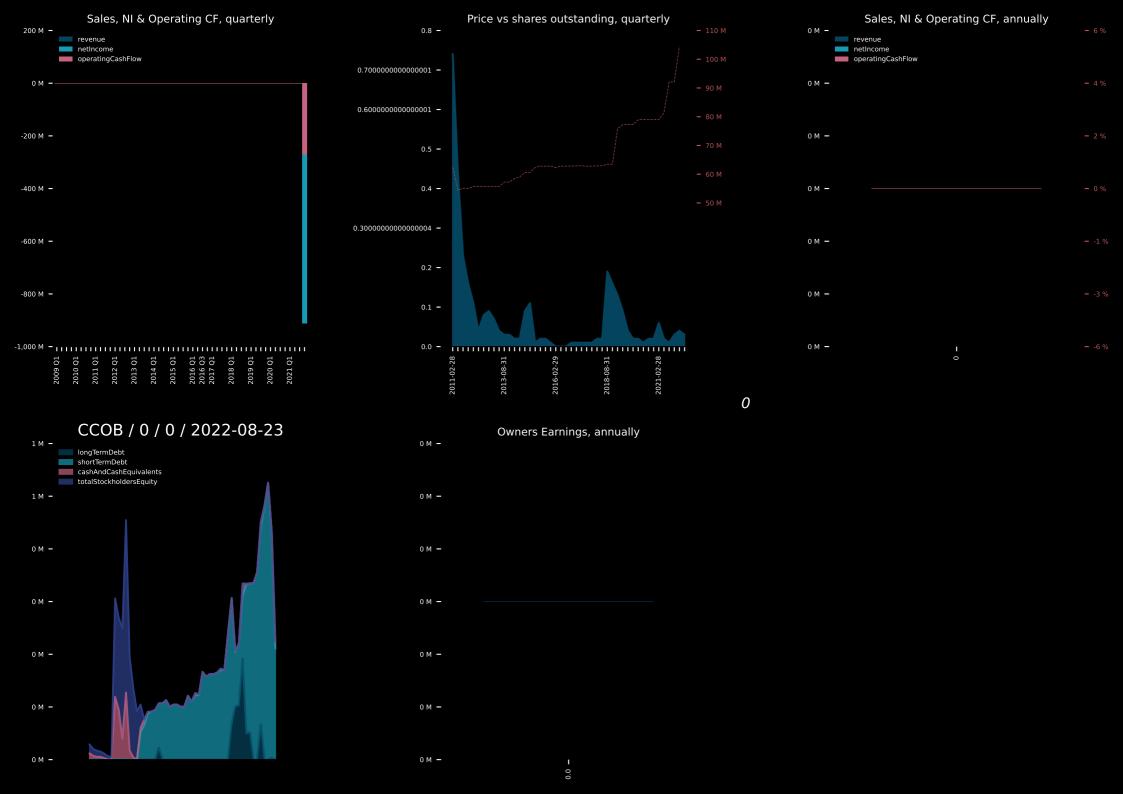


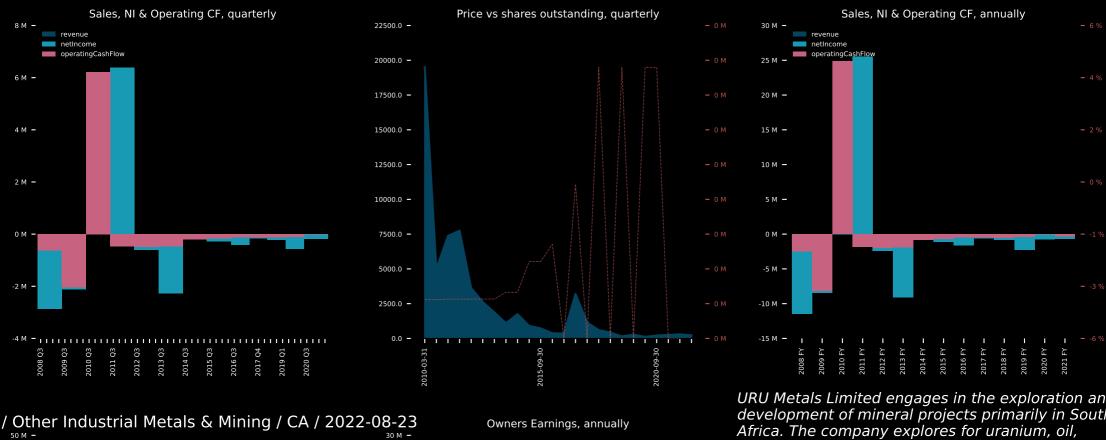
BoxScore Brands, Inc., a renewable energy company, focuses on the extraction, refining, and distribution of technical minerals. Its project consists of 102 Federal mining claims located in the Lisbon Valley of Utah. The company was formerly known as U-Vend, Inc. and changed its name to BoxScore Brands, Inc. in February 2018. BoxScore Brands, Inc. was incorporated in 2007 and is headquartered in Las Vegas, Nevada.



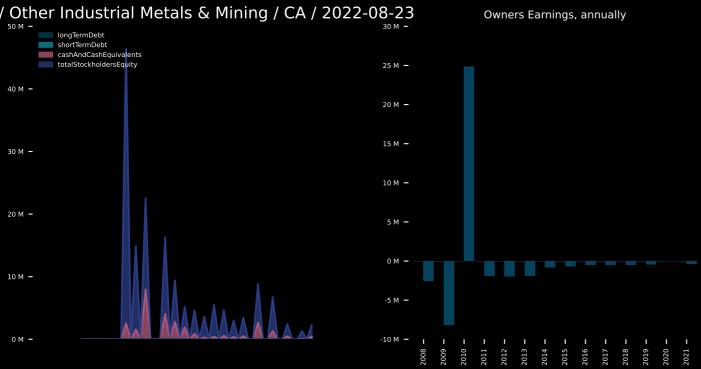


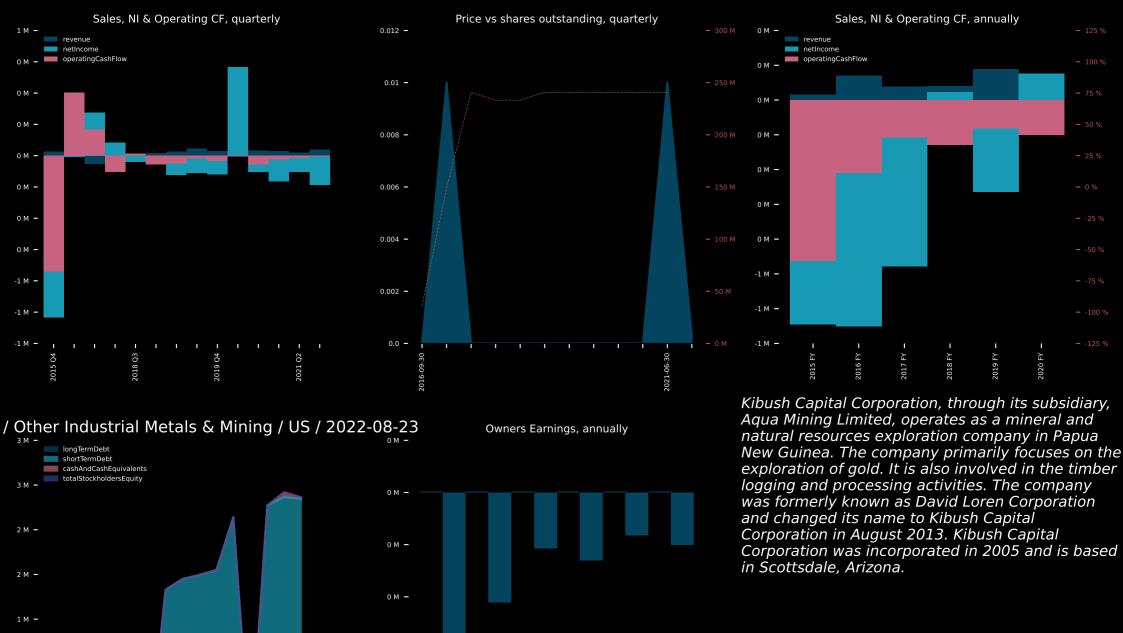
Starcore International Mines Ltd., a mineral resource company, explores for, develops, and produces mineral resources in Mexico. The company explores for gold and silver deposits. Its principal property is the San Martin mine that consists of 8 mining claims covering an area of 12,991 hectares located in Queretaro, Mexico. The company was formerly known as Starcore International Ventures Ltd. and changed its name to Starcore International Mines Ltd. in February 2008. Starcore International Mines Ltd. was incorporated in 1980 and is headquartered in Vancouver, Canada.











2020

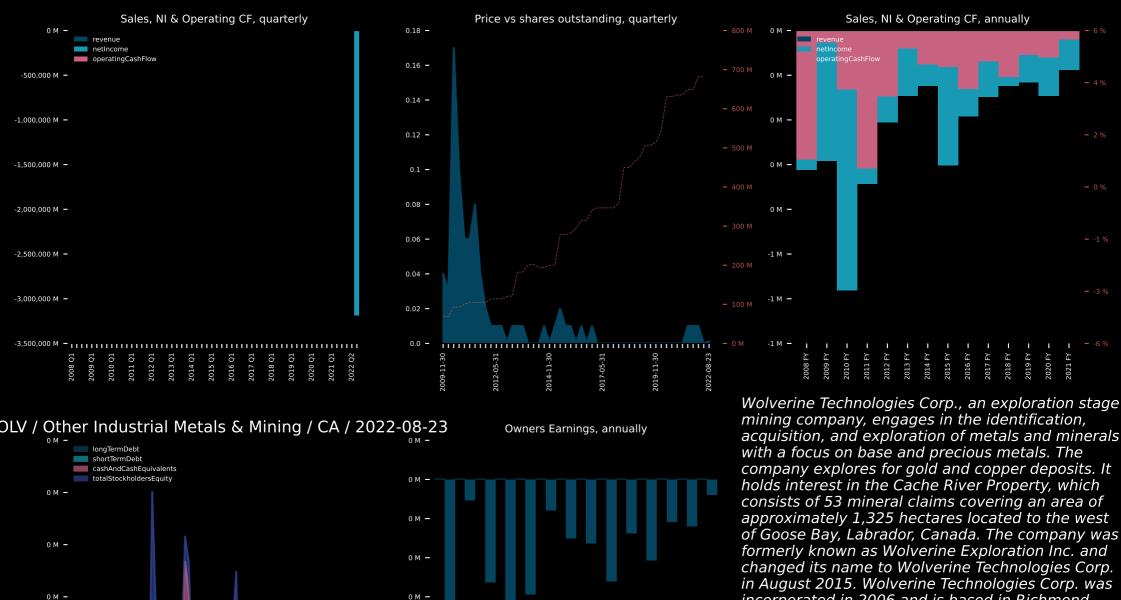
0 M -

0 M -

-1 M -

1 M -

0 M -



0 M -

0 M -

0 M -

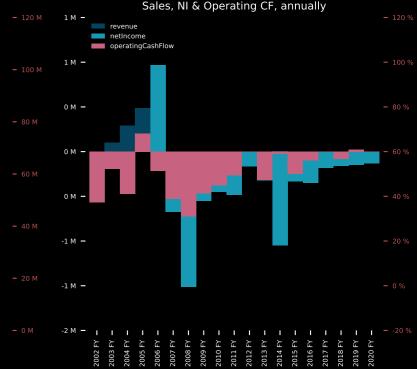
0 M -

0 M -

0 M -

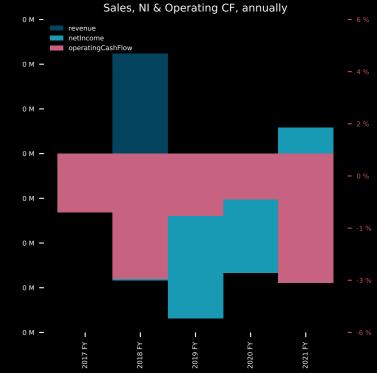
acquisition, and exploration of metals and minerals of Goose Bay, Labrador, Canada. The company was in August 2015. Wolverine Technologies Corp. was incorporated in 2006 and is based in Richmond, Canada.



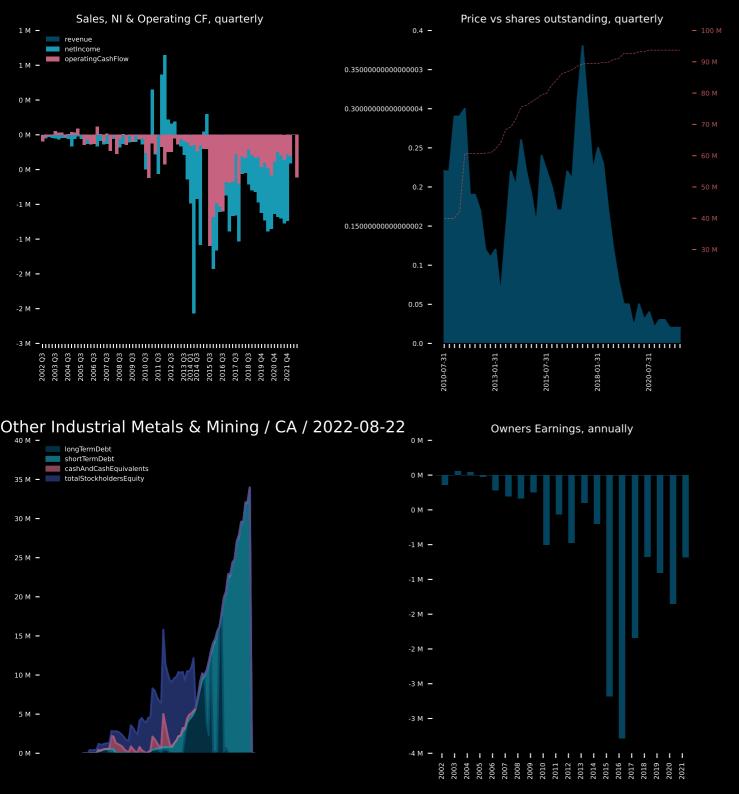


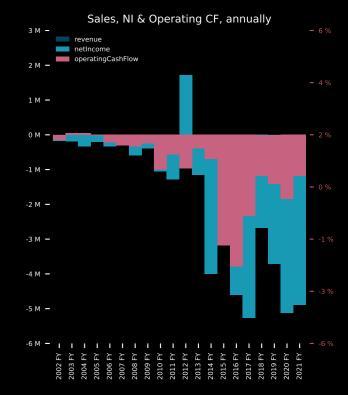
37 Capital Inc., a junior mineral exploration company, acquires, explores, and develops natural resource properties in Canada. The company has a 100% interest in the Extra High claims covering an area of 650 hectares located to the northeast of Kamloops, British Columbia. It also has an option agreement to acquire 60% interest in the Acacia Property covering an area of approximately 4,715 hectares located in the Adams Plateau area, British Columbia; and royalty interests in various lithium mineral properties located in the Province of Ontario. The company was formerly known as High 5 Ventures Inc. and changed its name to 37 Capital Inc. in July 2014. 37 Capital Inc. was incorporated in 1984 and is based in Vancouver, Canada.



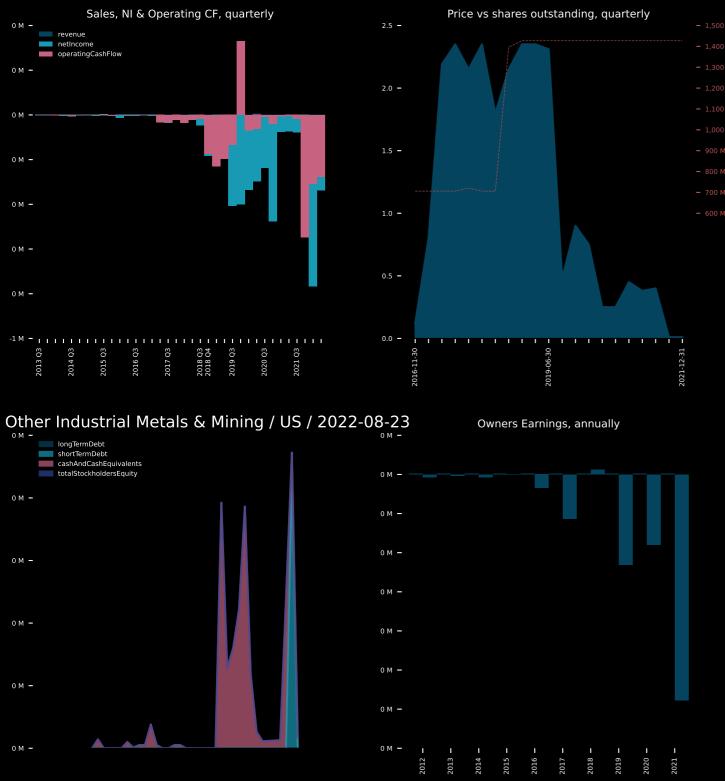


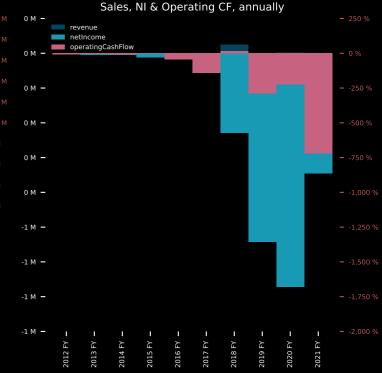
Boxxy Inc. focusing on mining business. It owns a 100% interest in the Gold45 Project comprising 25 contiguously staked mining claims totaling a surficial area of 1398.54 hectors located within Gradis Township, in the province of Quebec, Canada. Boxxy Inc. was incorporated in 2018 and is based in Ostrava, the Czech Republic.





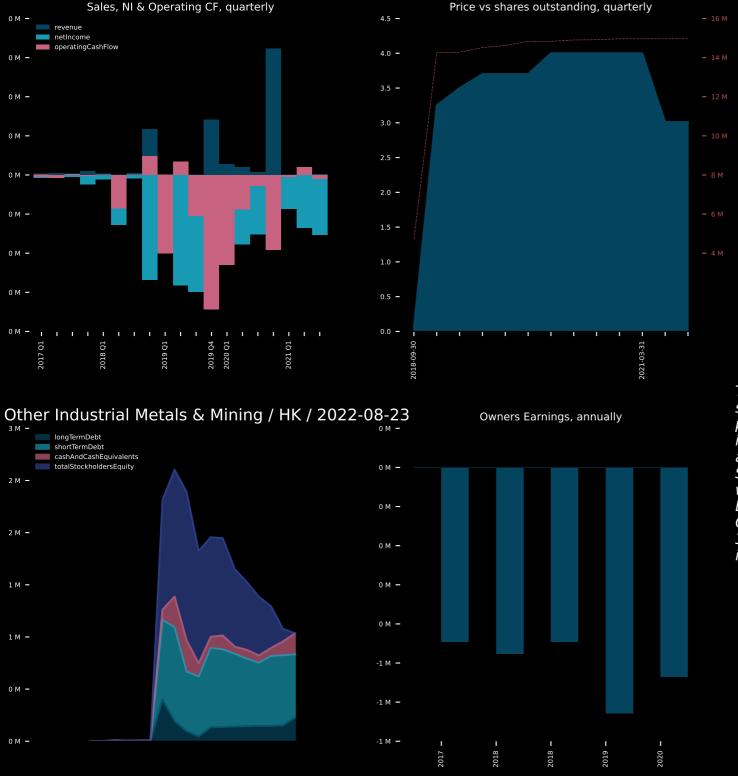
I-Minerals Inc. engages in the exploration, evaluation, and development of mineral properties in the United States. The company develops quartz, potassium feldspar, halloysite, kaolinite, and metakaolin deposits. It holds a 100% interest in the Helmer-Bovill property comprising 11 mineral leases that covers an area of approximately 5,140.64 acres located in northwest of Bovill, Latah County, Idaho. I-Minerals Inc. was incorporated in 1984 and is headquartered in Vancouver, Canada.

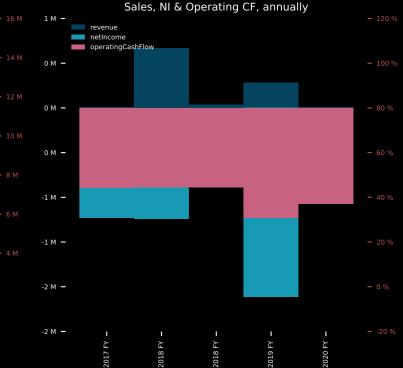




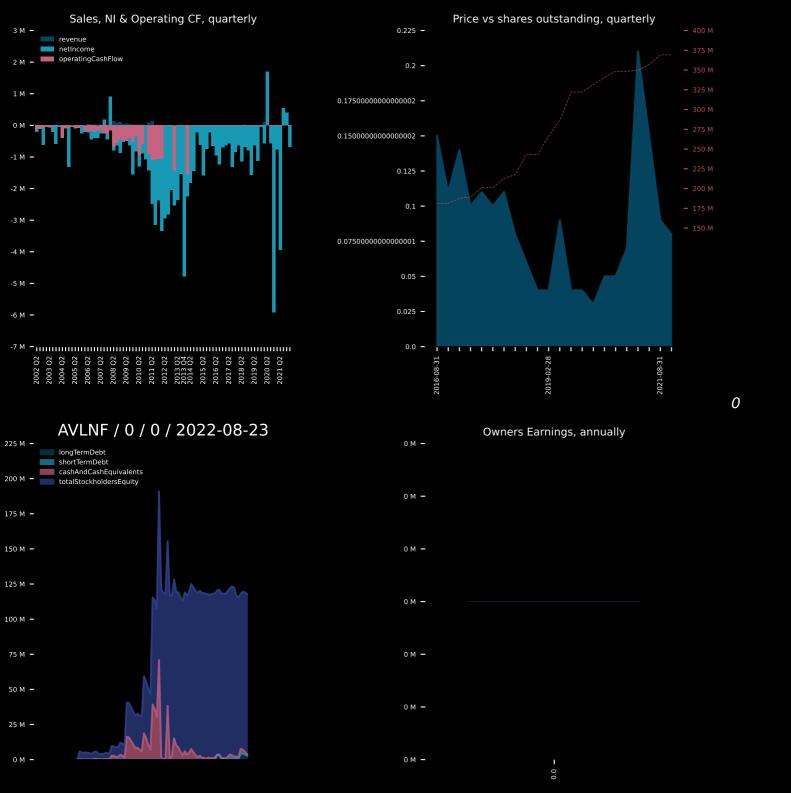
NAMI Corp., through its subsidiaries, engages in the acquiring, exploring, developing, mining, and producing mineral properties in Malaysia. The company primarily mines for sea sand and river sand. It is also involved in the bauxite financing and trading activities. The company is based in Carson City, Nevada.







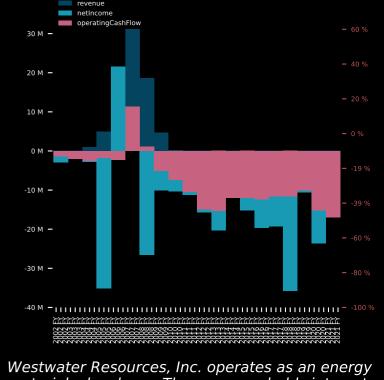
TGS International Ltd., together with its subsidiaries, engages in the exploration, mining, processing, and sale of fluorite in Mongolia. It holds interests in the Altan Ovoo project that covers an area of 39.35 hectares located in Uulbayan soum, Sukhbaatar province; Oosmonskogo 1 project, which covers an area of 98.37 hectares located in Bayan-Ovoo soum, Khentii province; and the Oosmonskogo 2 project that covers an area of 300.96 hectares located in Mongolia. The company is based in Sha Tin, Hong Kong.







-15 M -



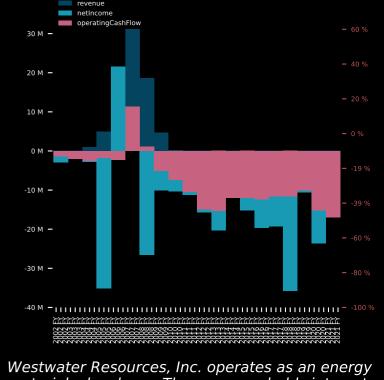
Sales, NI & Operating CF, annually

40 M -

Westwater Resources, Inc. operates as an energy materials developer. The company holds interests in Coosa graphite project covering an area of approximately 41,965 acres situated in Coosa County, Alabama. The company was formerly known as Uranium Resources, Inc. and changed its name to Westwater Resources, Inc. in August 2017. Westwater Resources, Inc. was incorporated in 1977 and is based in Centennial, Colorado.



-15 M -



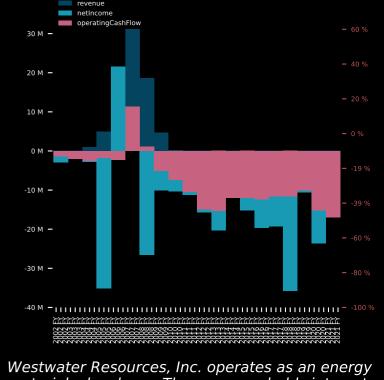
Sales, NI & Operating CF, annually

40 M -

Westwater Resources, Inc. operates as an energy materials developer. The company holds interests in Coosa graphite project covering an area of approximately 41,965 acres situated in Coosa County, Alabama. The company was formerly known as Uranium Resources, Inc. and changed its name to Westwater Resources, Inc. in August 2017. Westwater Resources, Inc. was incorporated in 1977 and is based in Centennial, Colorado.



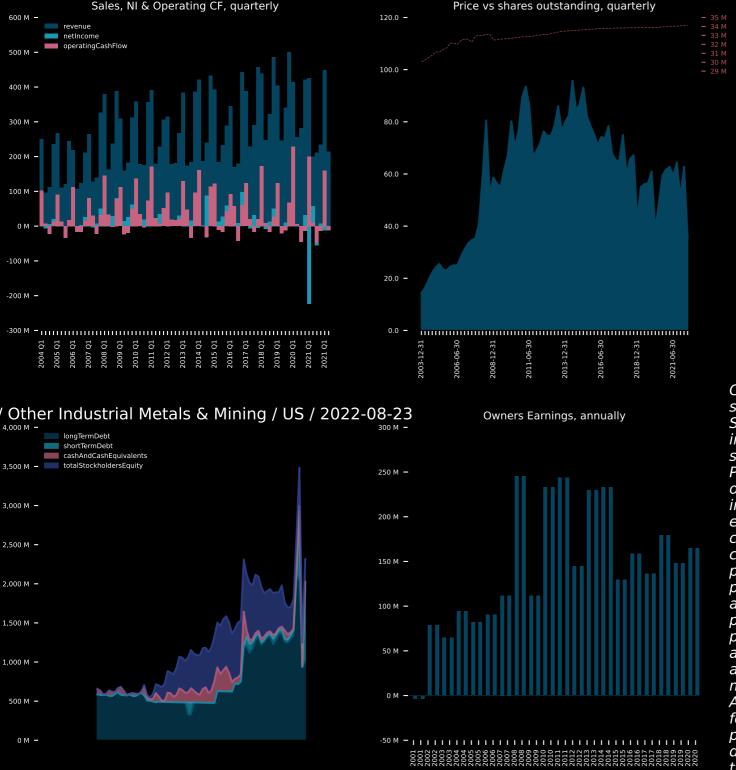
-15 M -

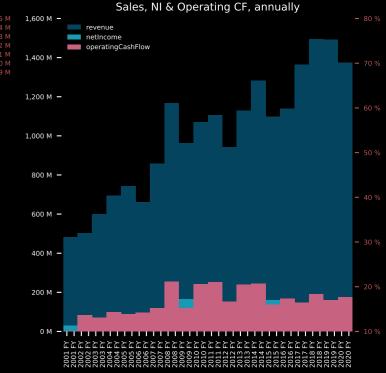


Sales, NI & Operating CF, annually

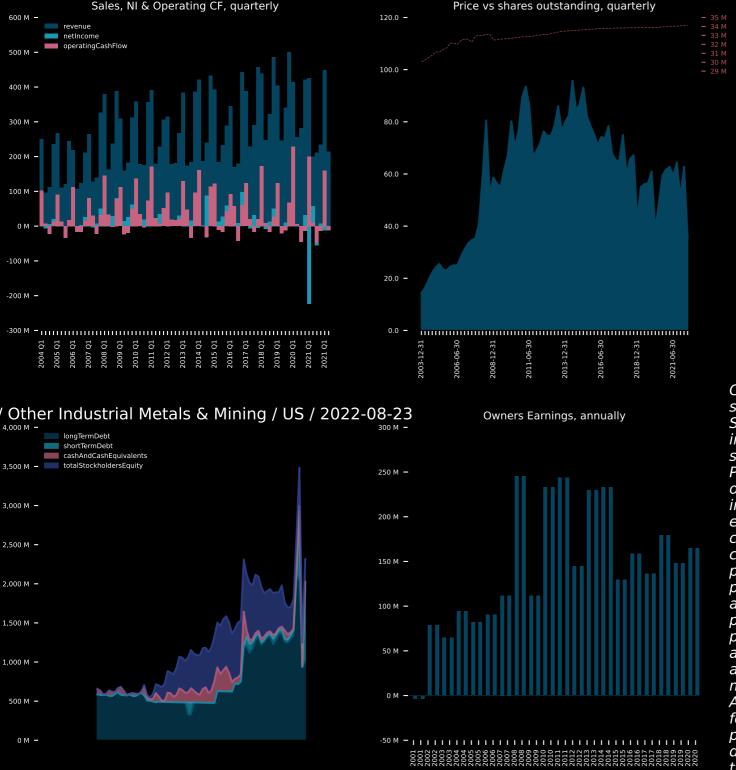
40 M -

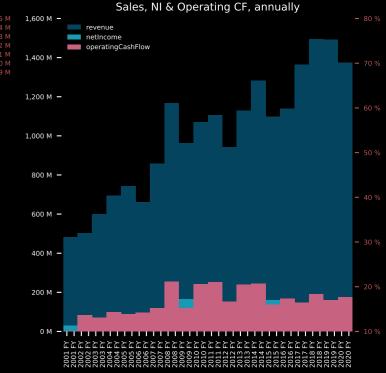
Westwater Resources, Inc. operates as an energy materials developer. The company holds interests in Coosa graphite project covering an area of approximately 41,965 acres situated in Coosa County, Alabama. The company was formerly known as Uranium Resources, Inc. and changed its name to Westwater Resources, Inc. in August 2017. Westwater Resources, Inc. was incorporated in 1977 and is based in Centennial, Colorado.



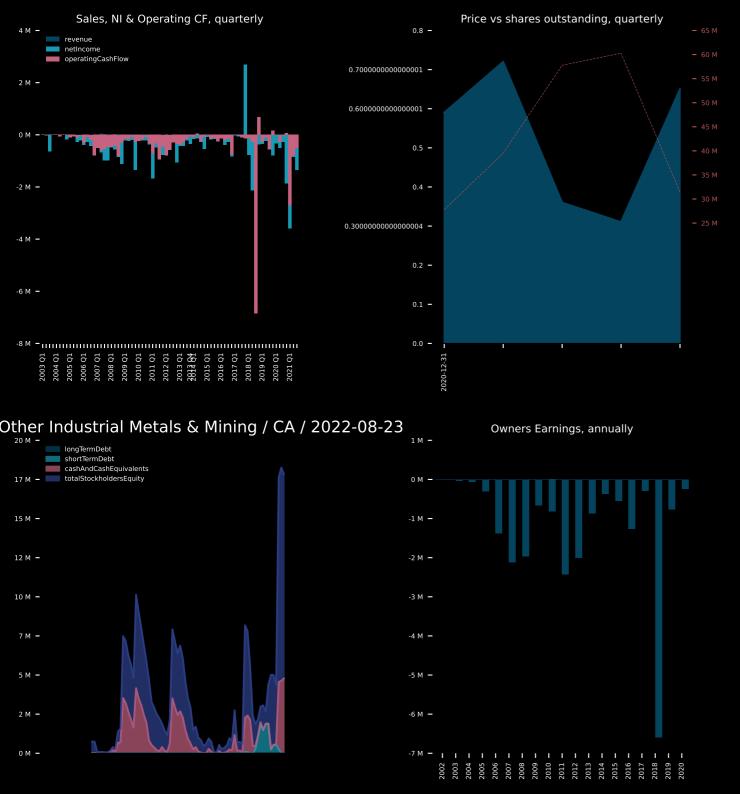


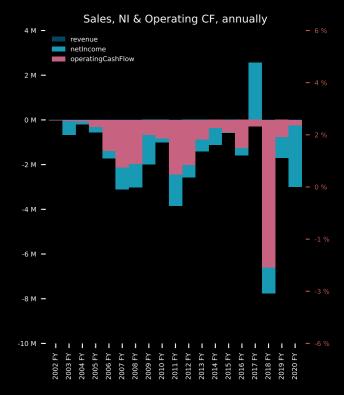
Compass Minerals International, Inc., produces and sells essential minerals primarily in the United States, Canada, Brazil, the United Kingdom, and internationally. It operates through three segments: Salt, Plant Nutrition North America, and Plant Nutrition South America. The Salt segment offers sodium chloride and magnesium chloride, including rock salt, mechanically and solar evaporated salt, and brine and flake magnesium chloride products; and purchases potassium chloride and calcium chloride to sell as finished products or to blend with salt to produce specialty products. This segment provides products for use as a deicer for roadways, consumer, and professional use; as an ingredient in chemical production; for water treatment, human, and animal nutrition; and for various other consumer and industrial uses, as well as records management services. The Plant Nutrition North America segment offers sulfate of potash specialty fertilizers in various grades, including agricultural products that are used in broadcast spreaders, direct application, and liquid fertilizer solutions; turf products used by the turf and ornamental



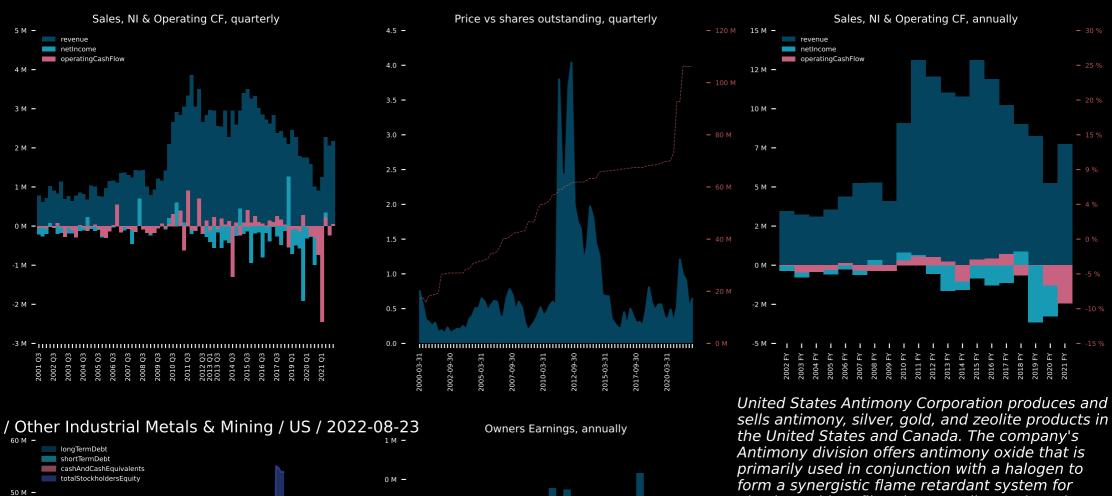


Compass Minerals International, Inc., produces and sells essential minerals primarily in the United States, Canada, Brazil, the United Kingdom, and internationally. It operates through three segments: Salt, Plant Nutrition North America, and Plant Nutrition South America. The Salt segment offers sodium chloride and magnesium chloride, including rock salt, mechanically and solar evaporated salt, and brine and flake magnesium chloride products; and purchases potassium chloride and calcium chloride to sell as finished products or to blend with salt to produce specialty products. This segment provides products for use as a deicer for roadways, consumer, and professional use; as an ingredient in chemical production; for water treatment, human, and animal nutrition; and for various other consumer and industrial uses, as well as records management services. The Plant Nutrition North America segment offers sulfate of potash specialty fertilizers in various grades, including agricultural products that are used in broadcast spreaders, direct application, and liquid fertilizer solutions; turf products used by the turf and ornamental





Lithium South Development Corporation, an exploration stage junior mining company, engages in the identification, acquisition, and exploration of mineral properties. Its flagship property is the Hombre Muerto North lithium brine project covering approximately 3,287 hectares in 6 mining concessions located in Salta Province, Argentina. The company was formerly known as NRG Metals Inc. and changed its name to Lithium South Development Corporation in November 2020. Lithium South Development Corporation was incorporated in 1995 and is headquartered in Vancouver, Canada.



0 M -

-1 M -

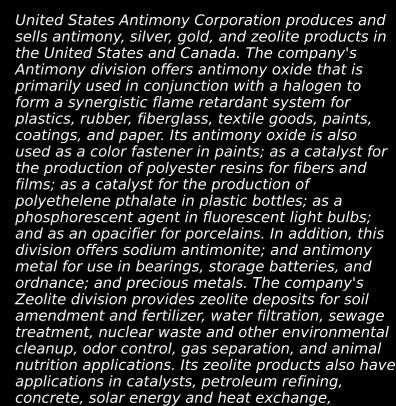
-1 M -

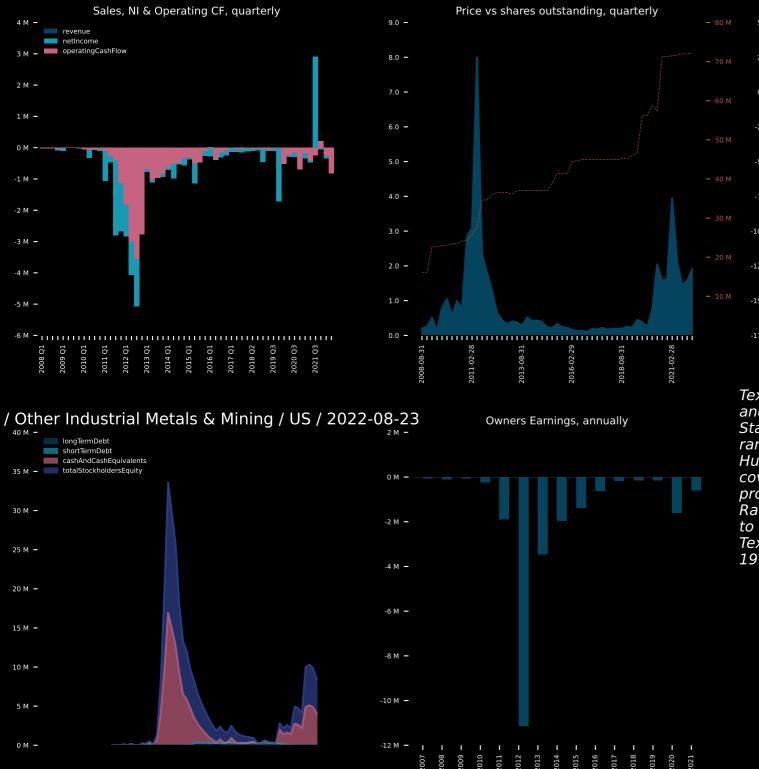
-2 M -

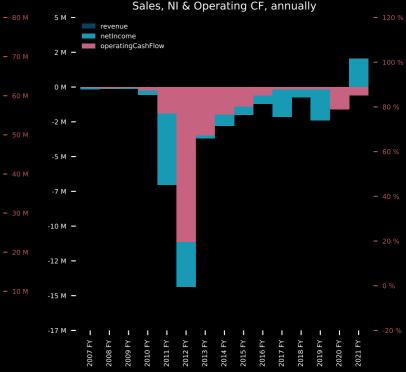
40 M -

30 M -

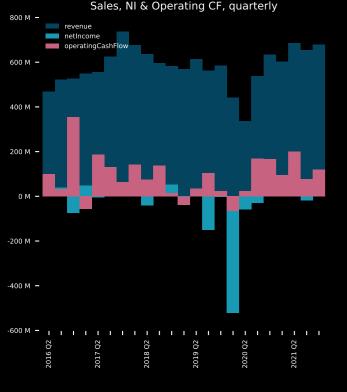
20 M -

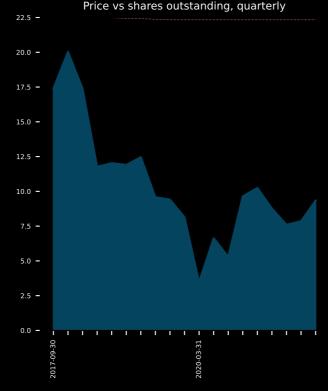




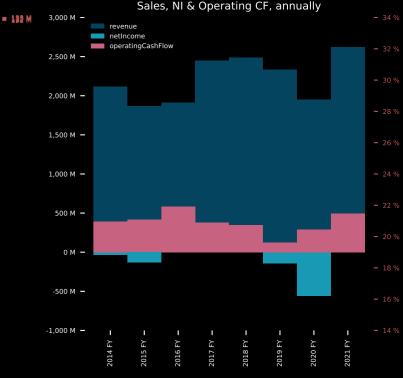


Texas Mineral Resources Corp. acquires, explores, and develops mineral properties in the United States. It primarily holds interests in the Round Top rare earth-uranium- project covering 950 acres in Hudspeth County, Texas; and prospecting permits covering 9,345 acres adjacent to the Round Top project. The company was formerly known as Texas Rare Earth Resources Corp. and changed its name to Texas Mineral Resources Corp. in March 2016. Texas Mineral Resources Corp. was incorporated in 1970 and is headquartered in Sierra Blanca, Texas.

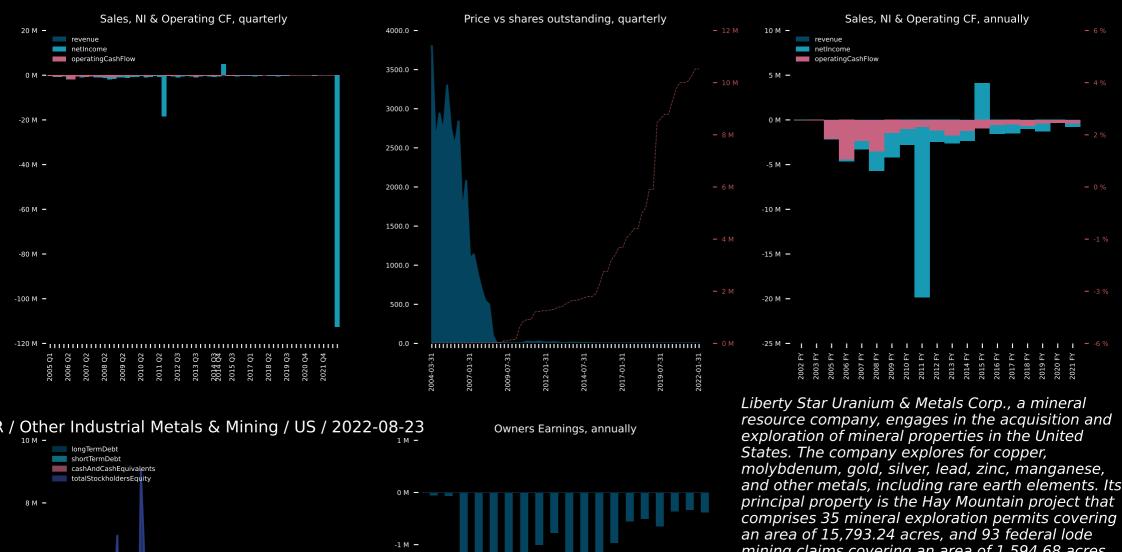


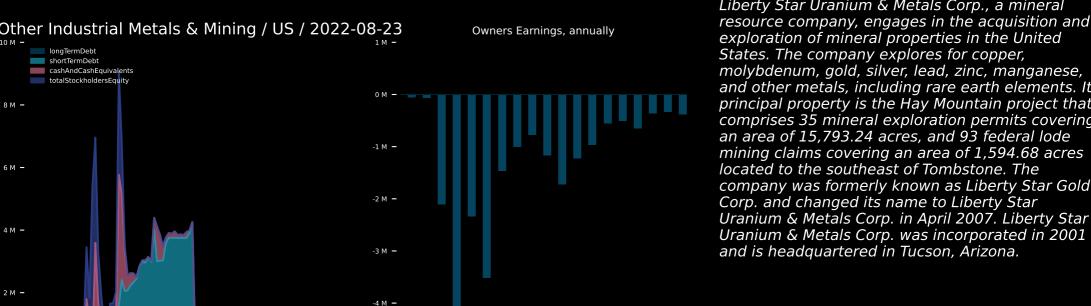




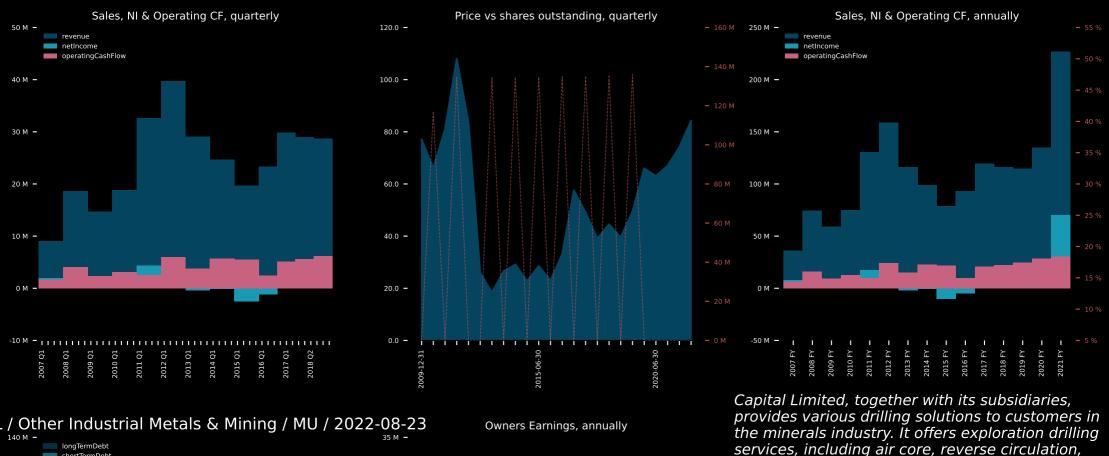


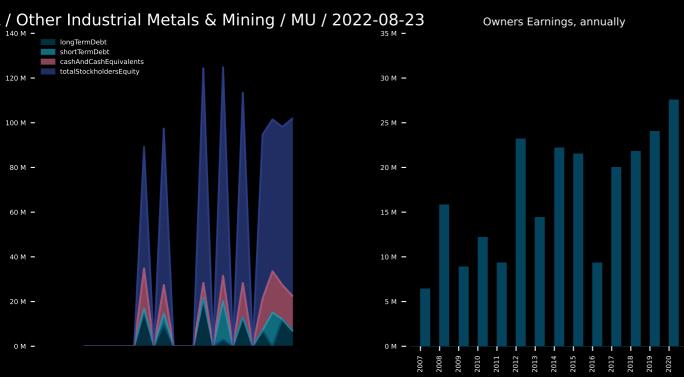
Nexa Resources S.A., through its subsidiaries, engages in the zinc mining and smelting business. It also produces zinc, silver, gold, copper, cement, sulfuric acid, lead, agricultural lime, and copper sulfate deposits. The company owns and operates five underground polymetallic mines, including three located in the Central Andes of Peru; and two located in the state of Minas Gerais in Brazil. It also develops the Aripuana project located in Mato Grosso, Brazil. The company also exports its products. The company was formerly known as VM Holding S.A. and changed its name to Nexa Resources S.A. in September 2017. The company was founded in 1956 and is based in Luxembourg City, Luxembourg. Nexa Resources S.A. operates as a subsidiary of Votorantim S.A.





2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2019





diamond core, deep hole diamond, directional, and underground diamond drilling; mineral geochemical analysis laboratory services; and grade control drilling services, such as advanced/deep grade control, shallow grade control, reverse circulation, and underground diamond drilling. The company also provides blast hole drilling services that include pre-splits, down the hole, and rotary top hammer services; load and haul, rehandling, equipment hire and maintenance, and management services; and hydraulic, general maintenance and fabrication, mining supplies, asset rentals, and asset and component rebuild services. In addition, it offers de-watering, reverse circulation, core orientation, rig alignment, borehole management, geophysical logging, and equipment rental and IT support services. As of December 31, 2021, it operated a fleet of 109 rings, including 30 diamond core rigs,4 air core rigs, 2 weep hole rigs, 8 multi-purpose rigs, 9 grade



2012 2013 2014 2015 2016 2017 2018 2020

2011

400 M -

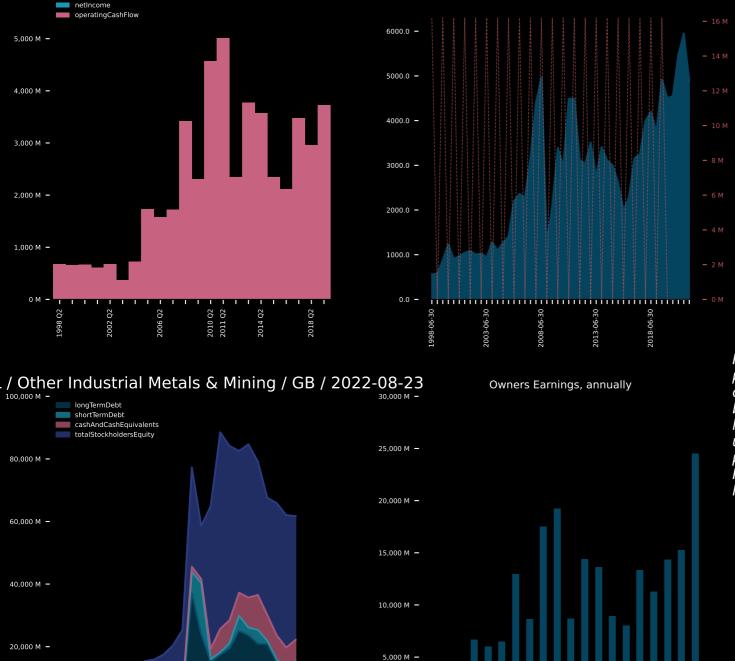
200 M -

2,000 M -

1,000 M -

0 M -

metallurgical company worldwide. The company extracts and processes manganese ore, nickel ore, and mineral sands. It also produces ferronickel, high purity nickel metal, nickel salts, nickel and cobalt chlorides, nickel carbonate, nickel ferroalloys, and other metallic salts used in stainless steel, catalysis and pigments, and alloy steel and casting; manganese alloys, such as high-carbon ferromanganese, silicomanganese, low and medium-carbon ferromanganese, and low-carbon silicomanganese for use in batteries, fertilizers, pigments, different reagents, construction, and automotive industries; and mineral sands, such as titanium dioxide, high-purity pig iron, zircon, and ilmenite used in ceramics and pigments. In addition, it operates Moanda mine in Gabon; nickel mines in New Caledonia and Indonesia; and mineral sand mine in Senegal and Argentina. ERAMET S.A. was incorporated in 1880 and is headquartered in Paris, France.

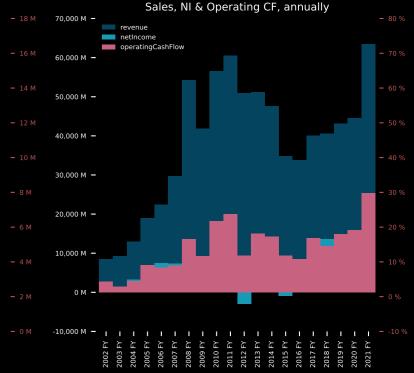


7000.0 -

Price vs shares outstanding, quarterly

Sales, NI & Operating CF, quarterly

6.000 M -



Rio Tinto Group engages in exploring, mining, and processing mineral resources worldwide. The company offers aluminum, copper, diamonds, gold, borates, titanium dioxide, salt, iron ore, and lithium. It also owns and operates open pit and underground mines, mills, refineries, smelters, power stations, and research and service facilities. Rio Tinto Group was founded in 1873 and is headquartered in London, the United Kingdom.