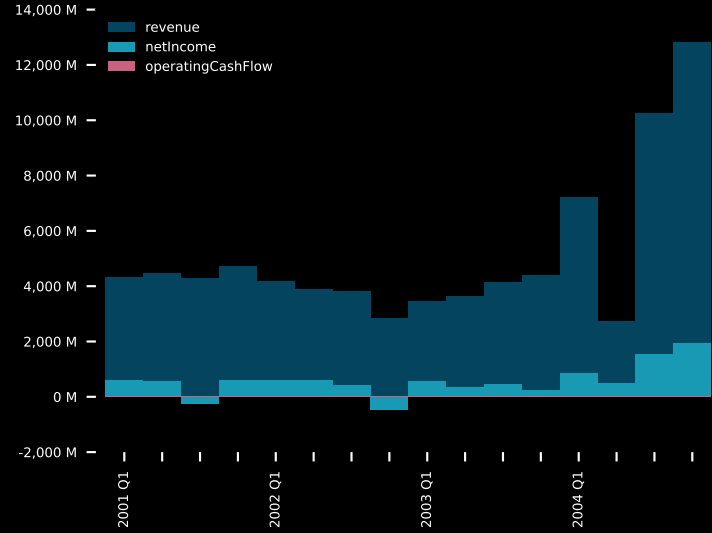
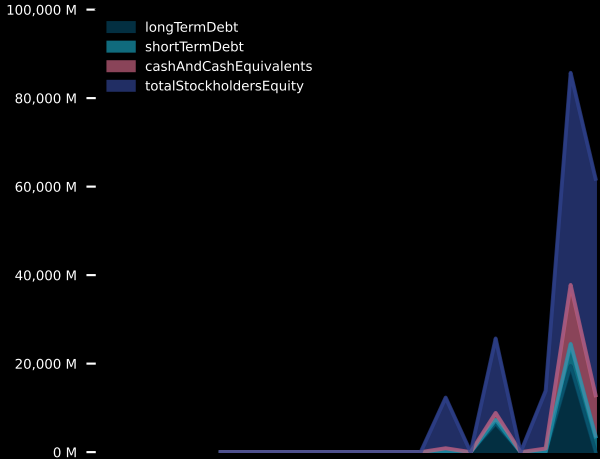


Sales, NI & Operating CF, quarterly



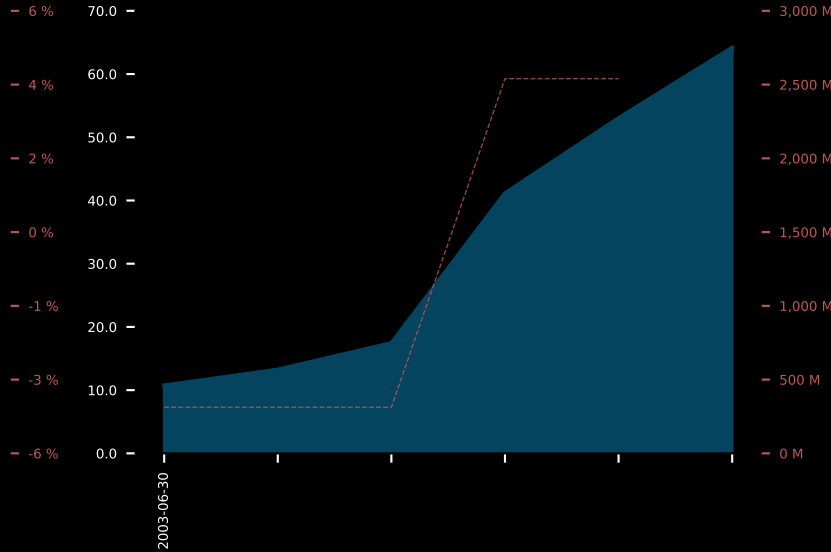
BBL / 0 / 0 / 2022-06-24



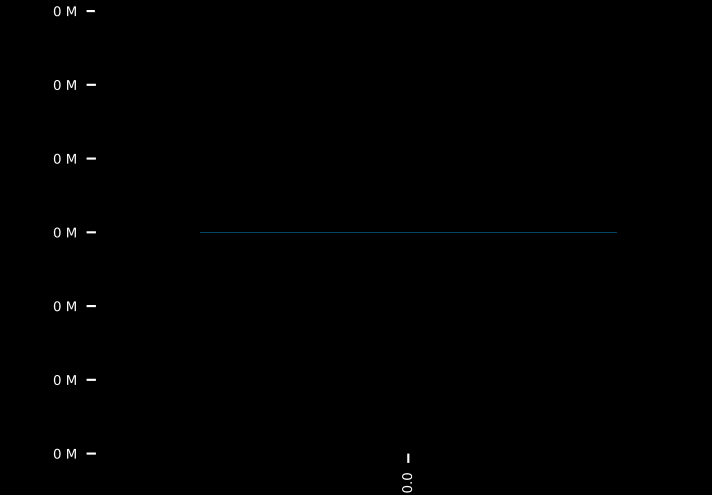
Sales, NI & Operating CF, annually



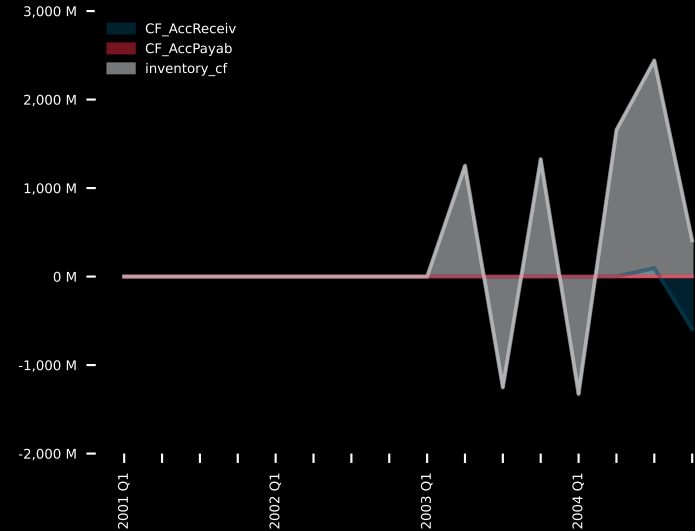
Price vs shares outstanding, quarterly



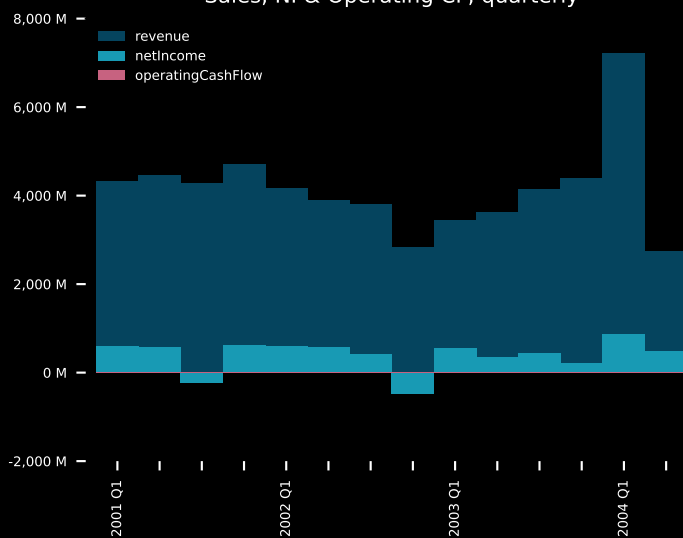
Owners Earnings, annually



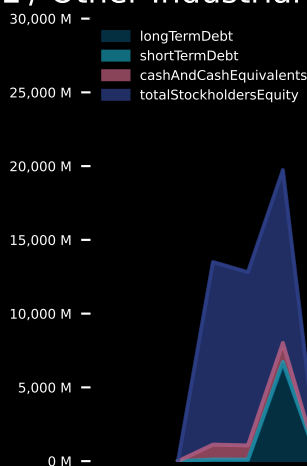
Inventory CF, quarterly



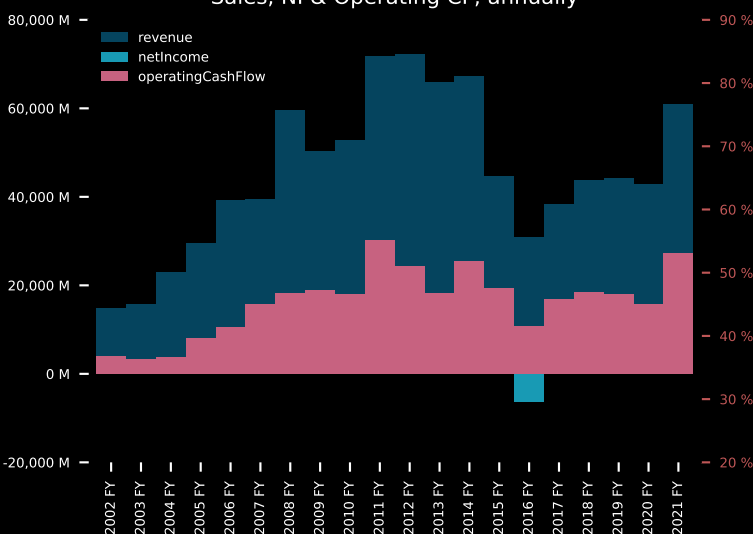
Sales, NI & Operating CF, quarterly



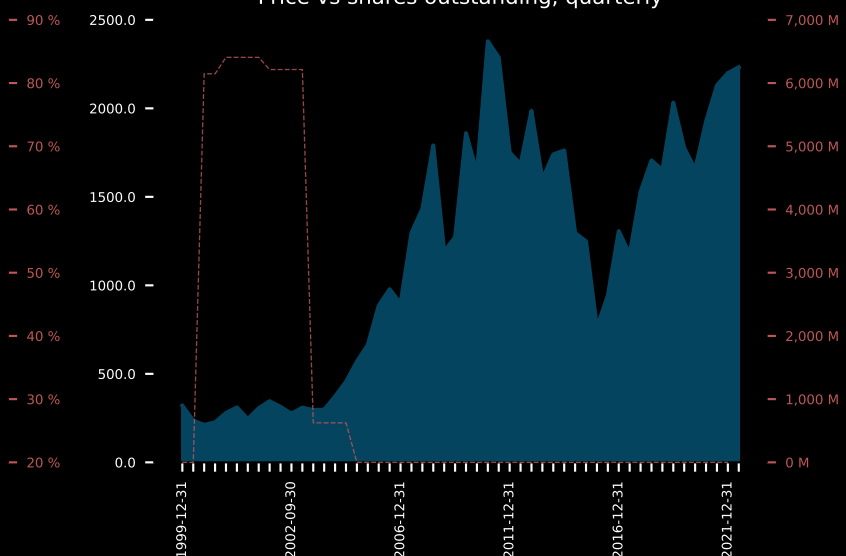
BHP.L / Other Industrial Metals & Mining / GB / 2022-06



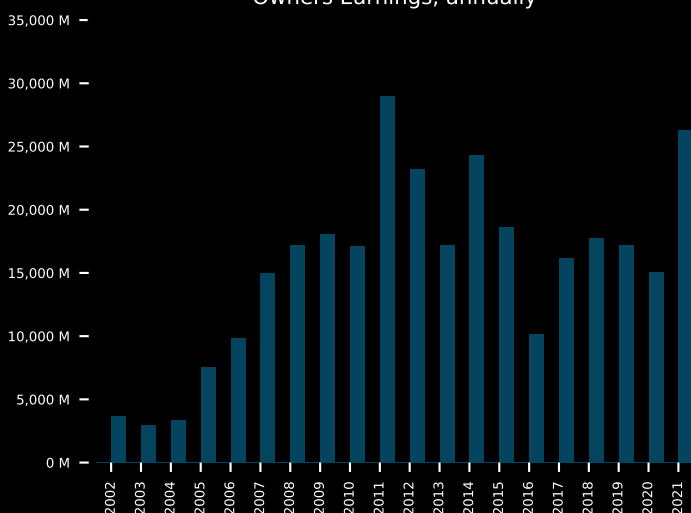
Sales, NI & Operating CF, annually



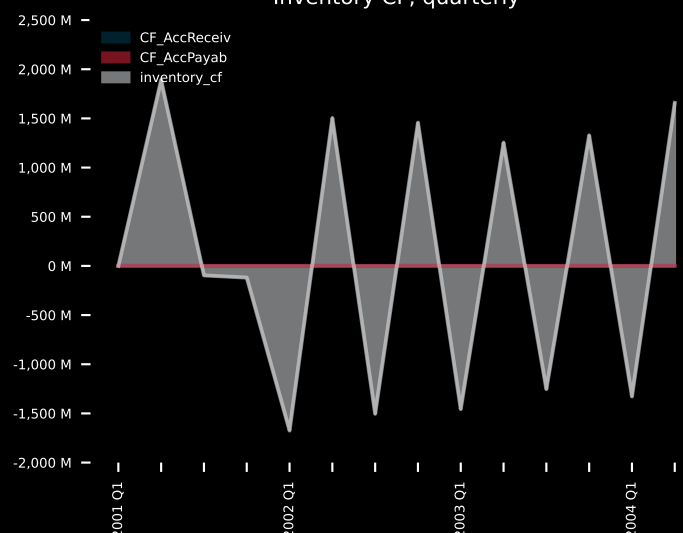
Price vs shares outstanding, quarterly



Owners Earnings, annually

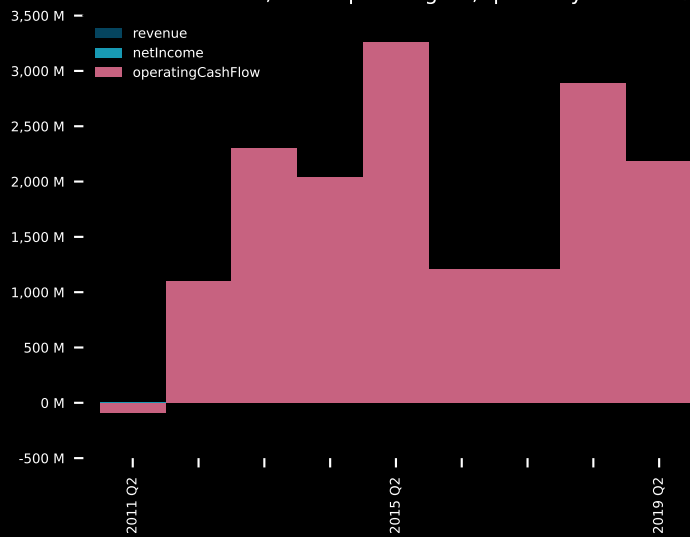


Inventory CF, quarterly

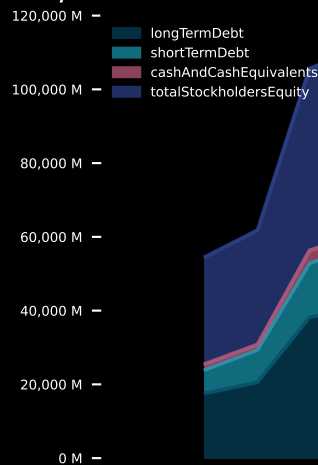


BHP Group Limited operates as a resources company in Australia, Europe, China, Japan, India, South Korea, rest of Asia, North America, South America, and internationally. It operates through Petroleum, Copper, Iron Ore, and Coal segments. The company engages in the exploration, development, and production 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.

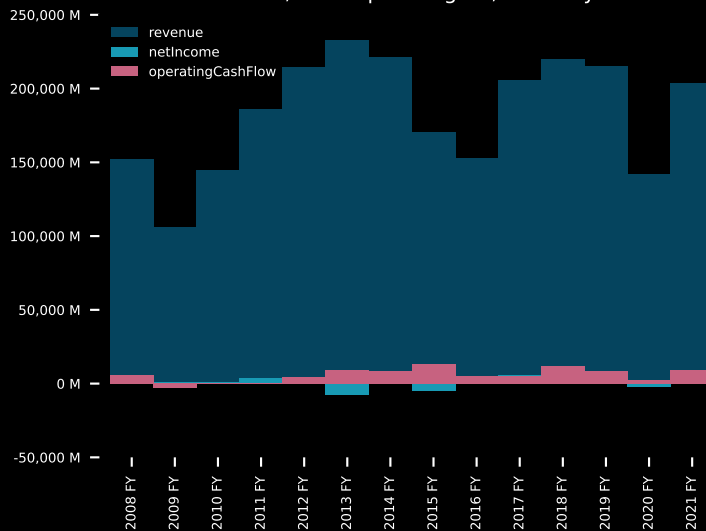
Sales, NI & Operating CF, quarterly



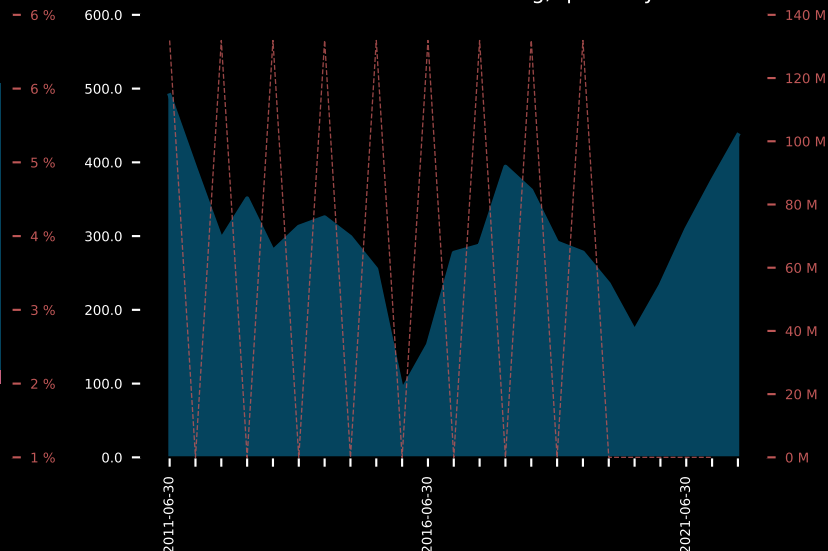
GLEN.L / Other Industrial Metals & Mining / CH / 2022-0



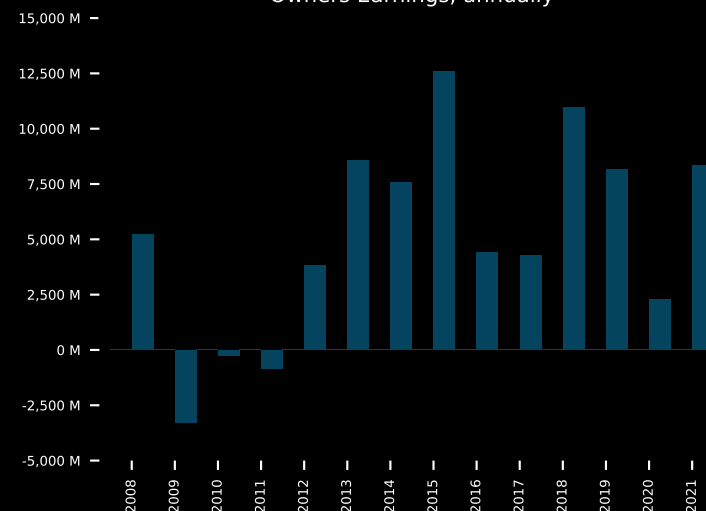
Sales, NI & Operating CF, annually



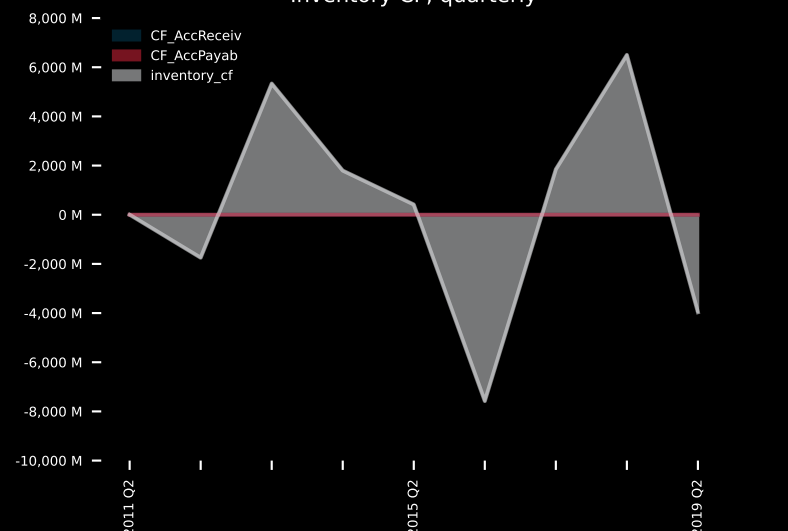
Price vs shares outstanding, quarterly



Owners Earnings, annually

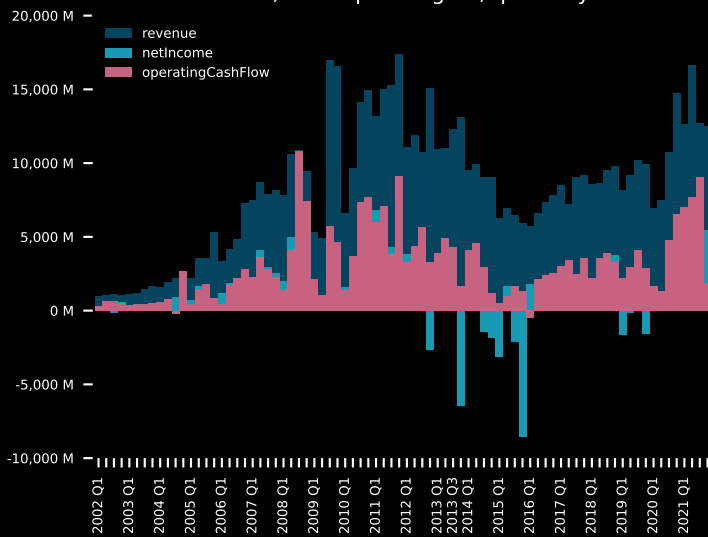


Inventory CF, quarterly



Glencore plc produces, refines, processes, stores, 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

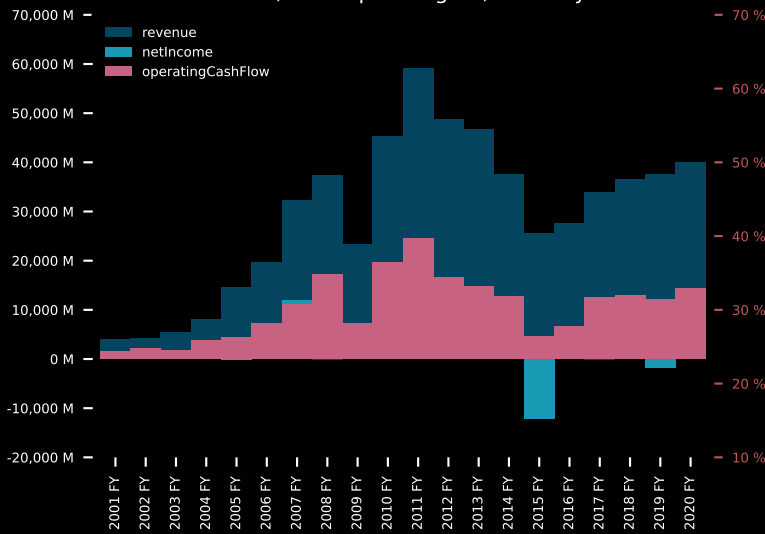
Sales, NI & Operating CF, quarterly



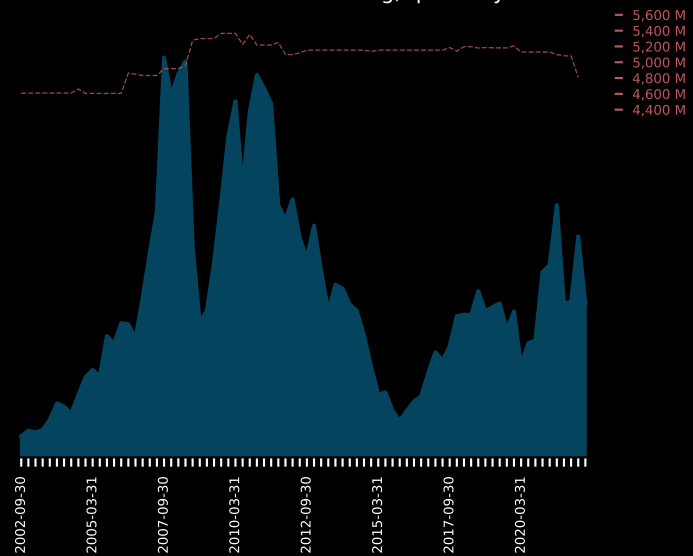
VALE / Other Industrial Metals & Mining / BR / 2022-06



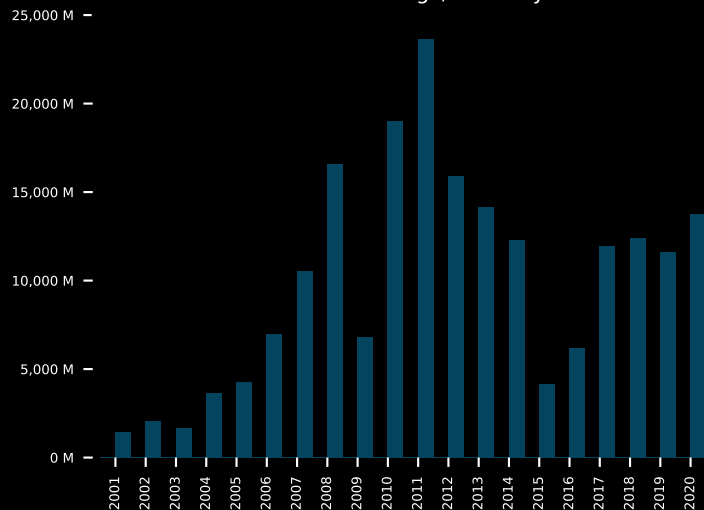
Sales, NI & Operating CF, annually



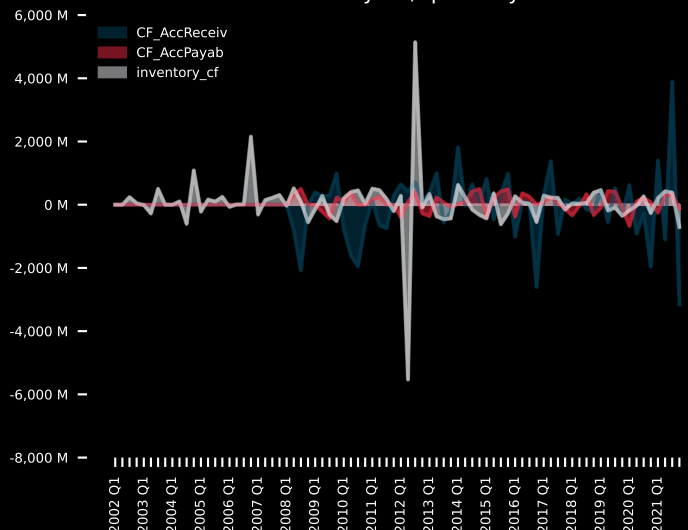
Price vs shares outstanding, quarterly



Owners Earnings, annually

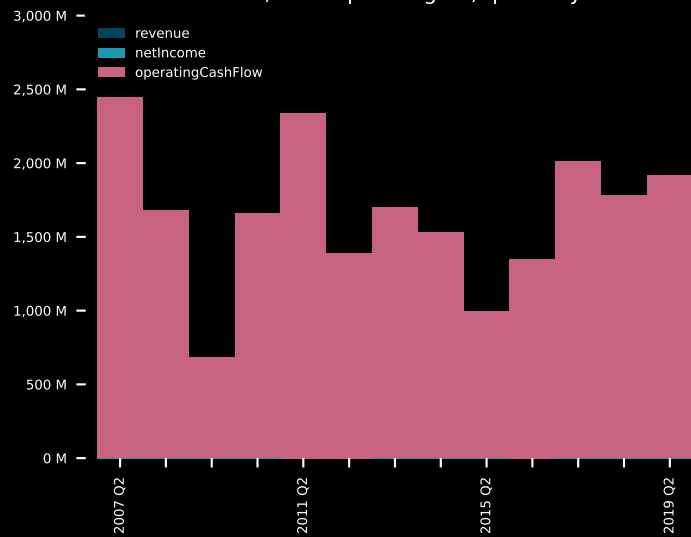


Inventory CF, quarterly

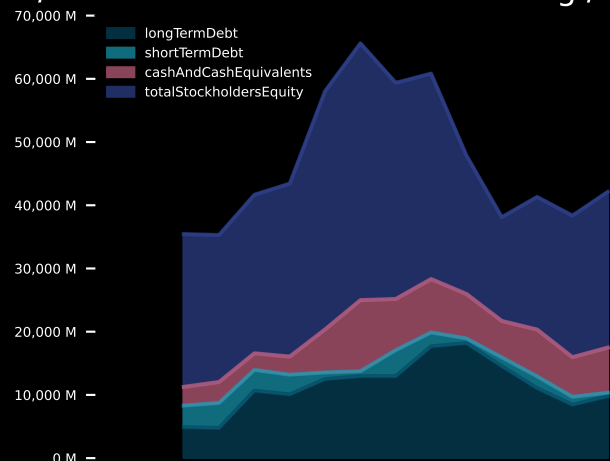


Vale S.A., together with its subsidiaries, produces and sells iron ore and iron ore pellets for use as raw materials in steelmaking in Brazil and internationally. The company operates through Ferrous Minerals and Base Metals segments. The Ferrous Minerals segment produces and extracts iron ore and pellets, 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.

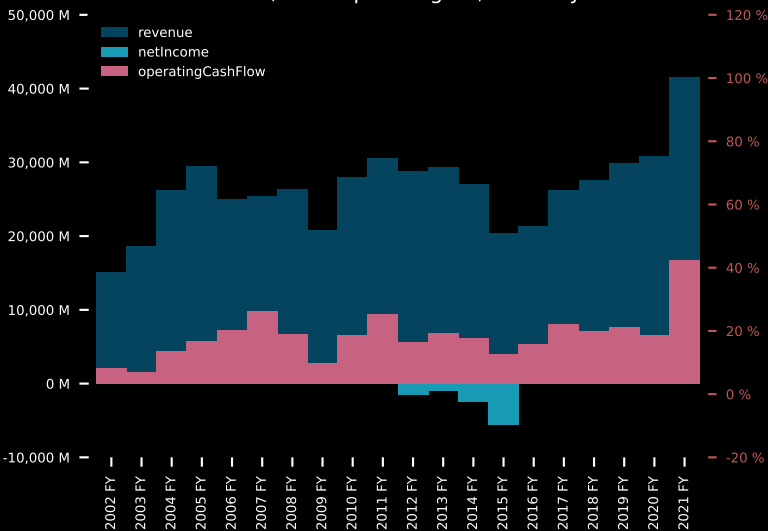
Sales, NI & Operating CF, quarterly



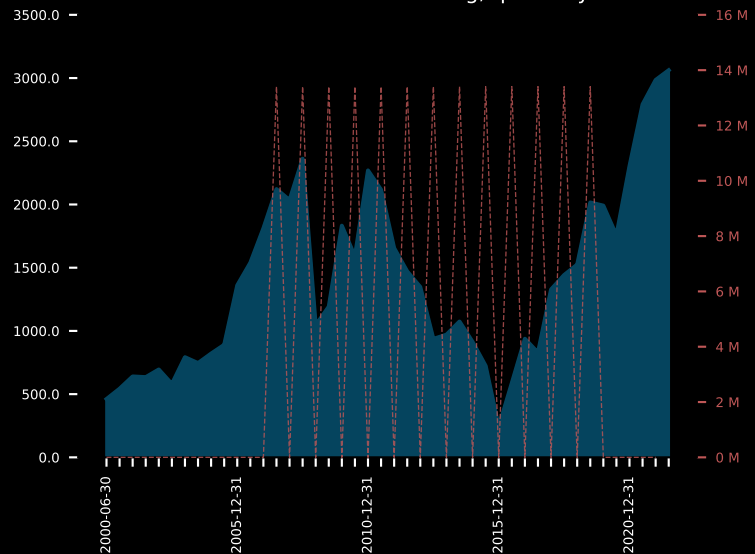
AAL.L / Other Industrial Metals & Mining / GB / 2022-0



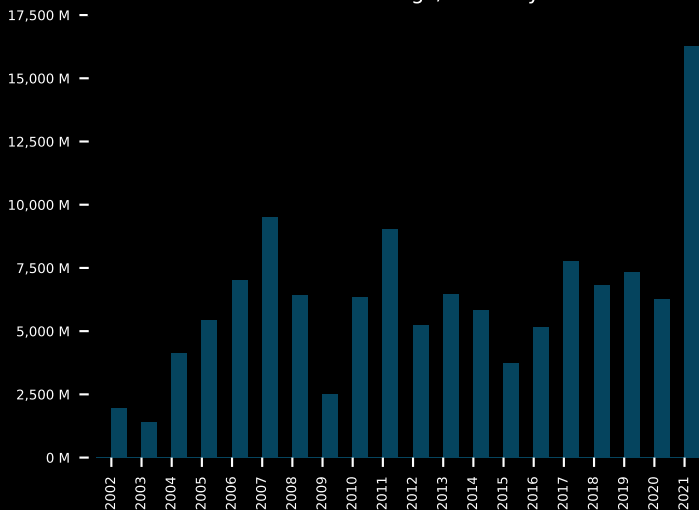
Sales, NI & Operating CF, annually



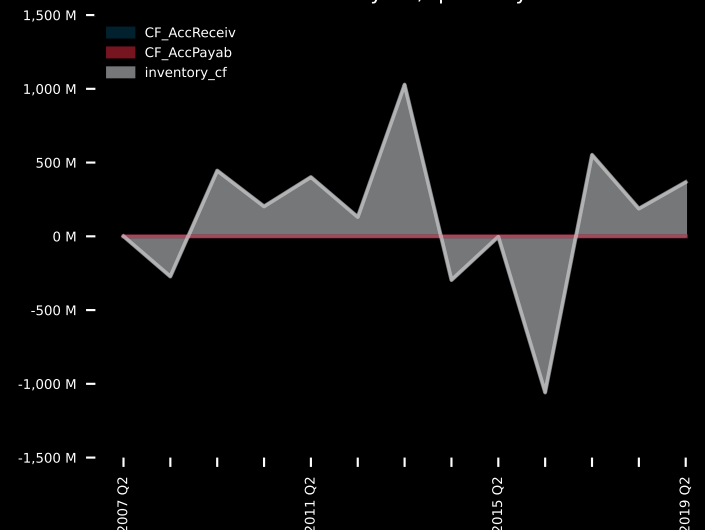
Price vs shares outstanding, quarterly



Owners Earnings, annually

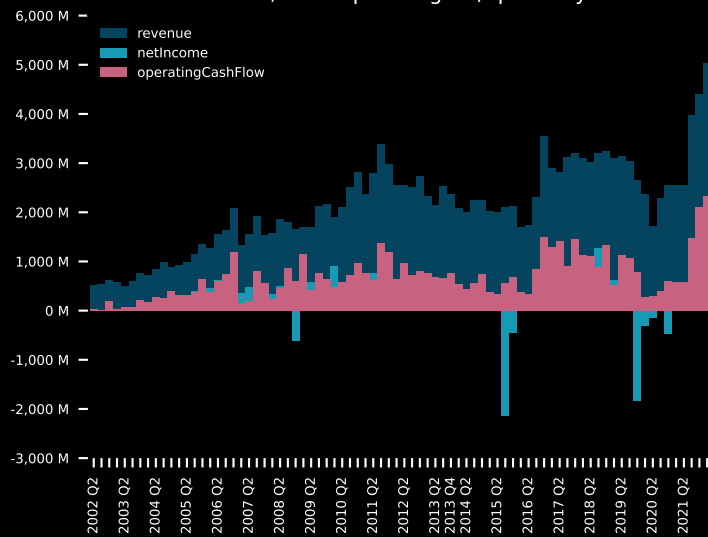


Inventory CF, quarterly



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.

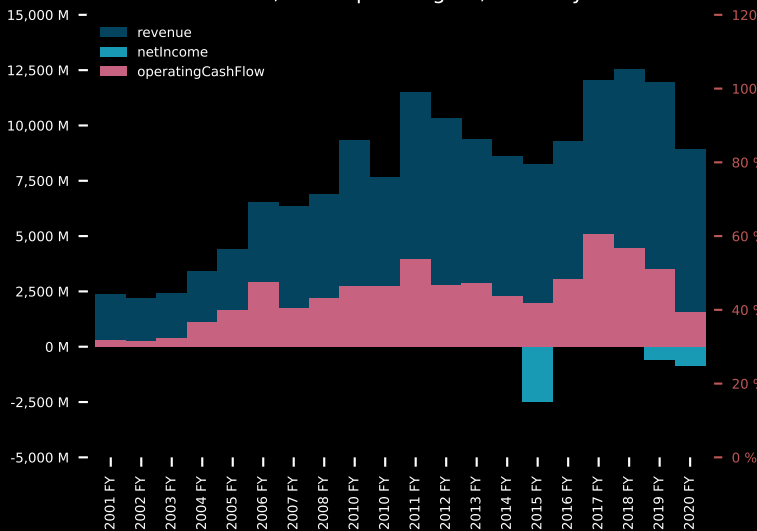
Sales, NI & Operating CF, quarterly



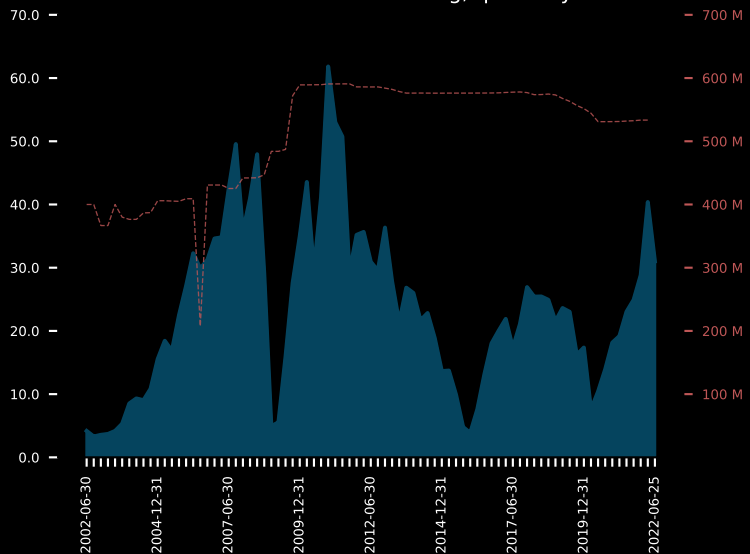
TECK / Other Industrial Metals & Mining / CA / 2022-06-25



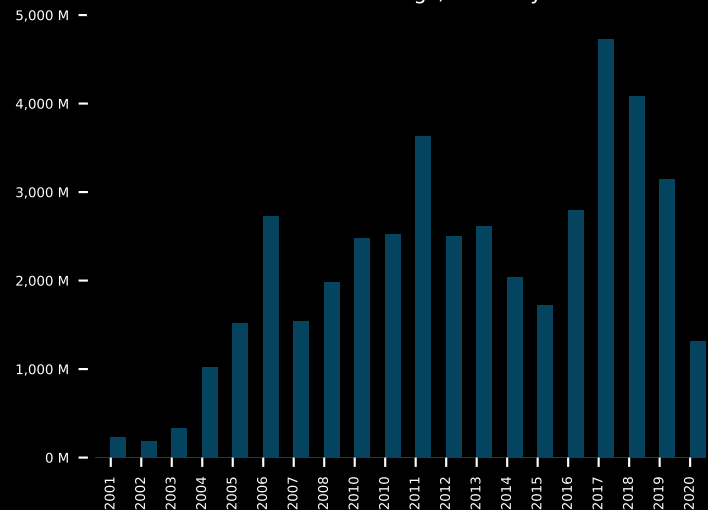
Sales, NI & Operating CF, annually



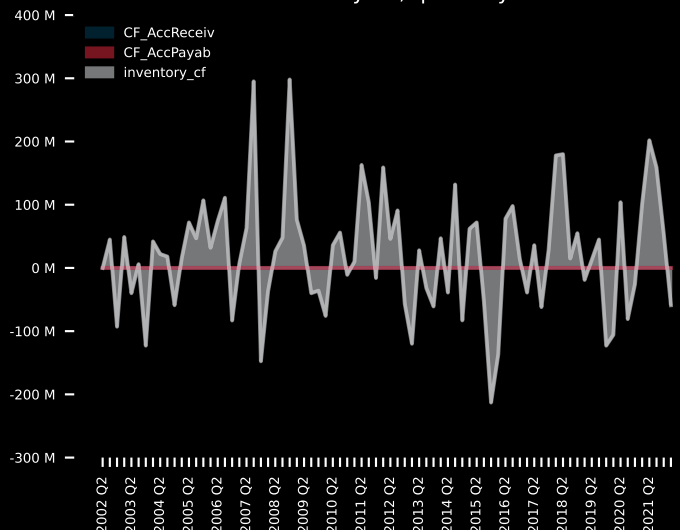
Price vs shares outstanding, quarterly



Owners Earnings, annually

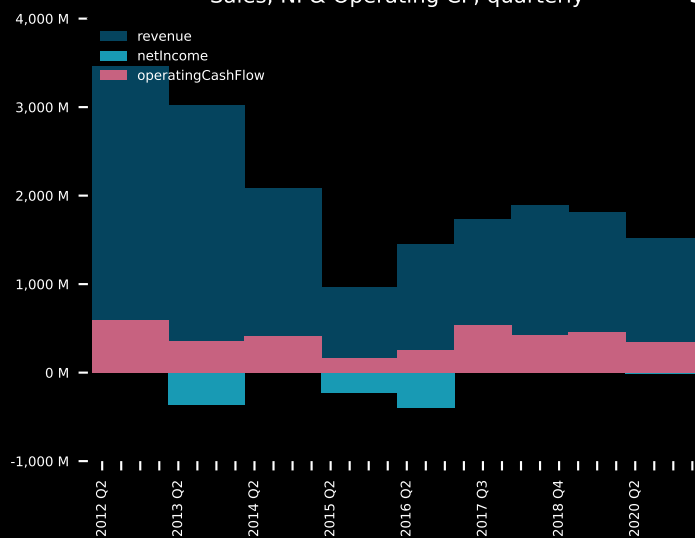


Inventory CF, quarterly



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.

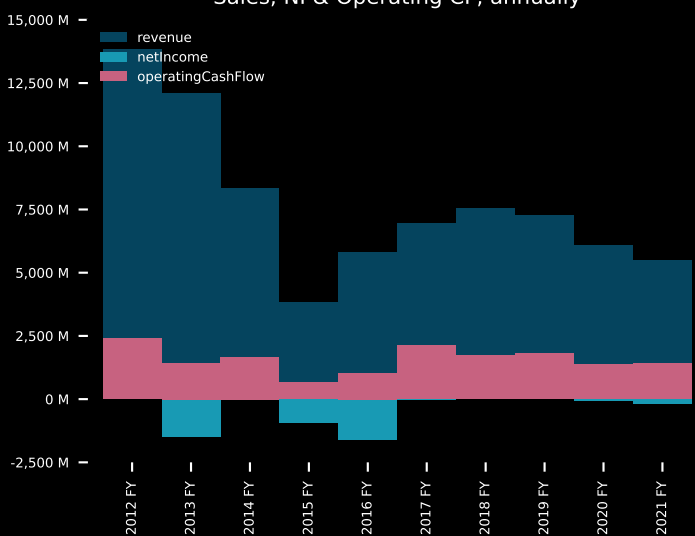
Sales, NI & Operating CF, quarterly



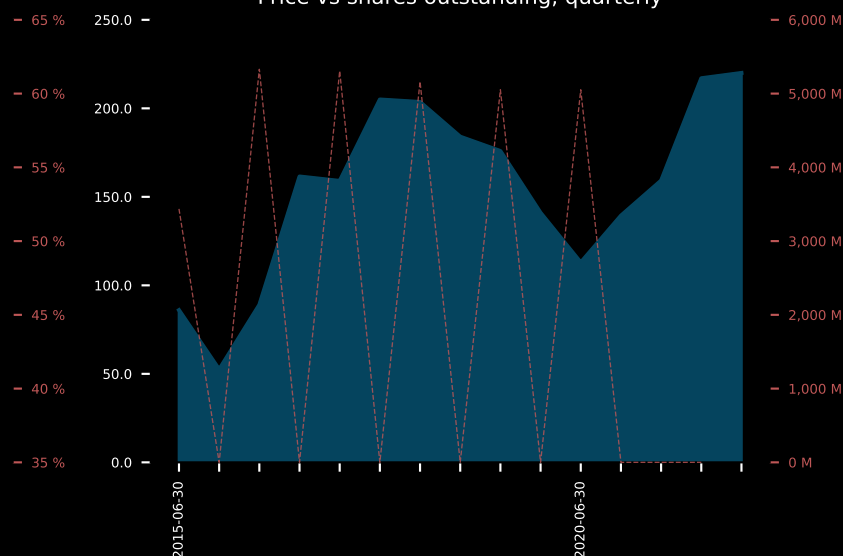
S32.L / Other Industrial Metals & Mining / AU / 2022-06



Sales, NI & Operating CF, annually



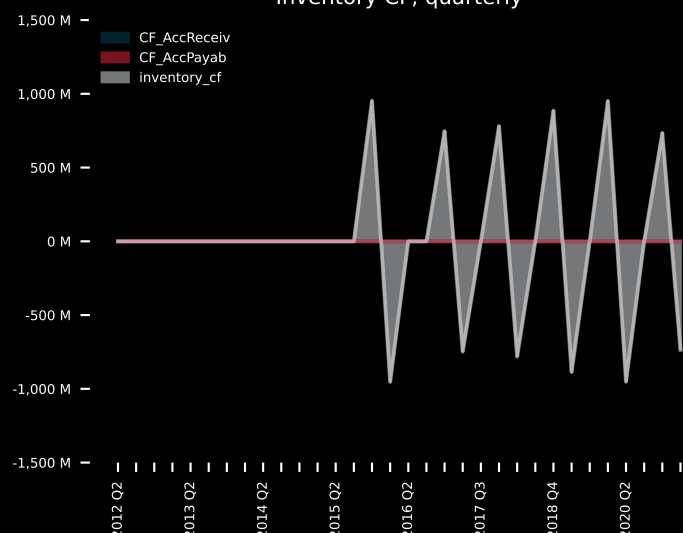
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly



South32 Limited operates as a diversified metals and mining company in Australia, Southern Africa, North America, and South America. The company 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

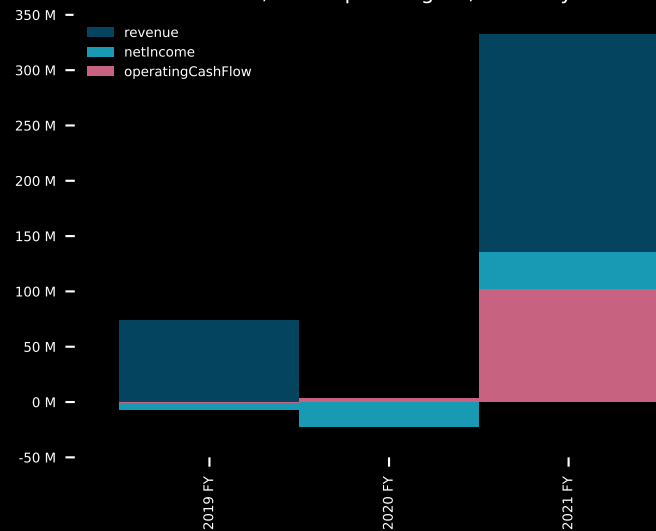
Sales, NI & Operating CF, quarterly



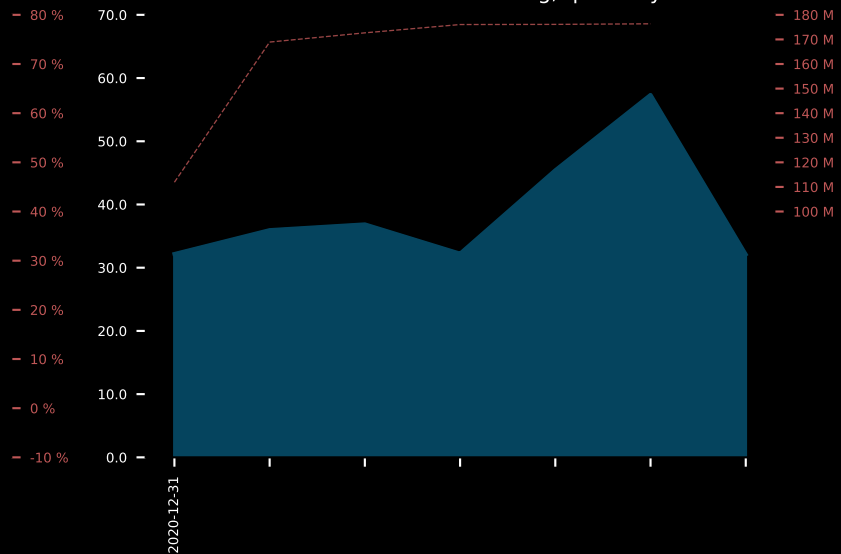
MP / Other Industrial Metals & Mining / US / 2022-06-



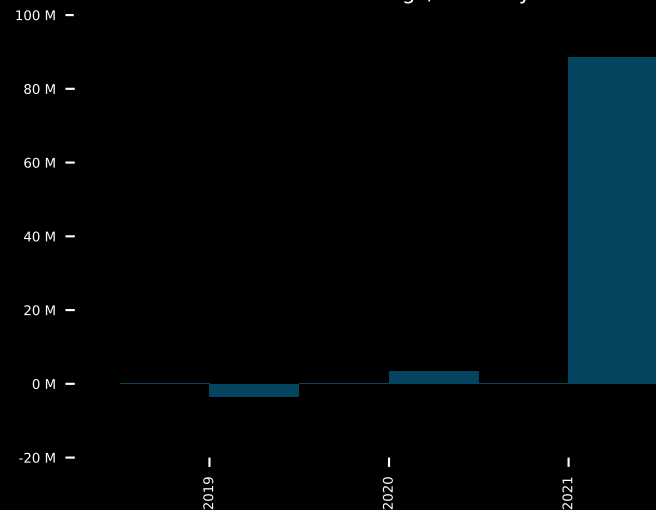
Sales, NI & Operating CF, annually



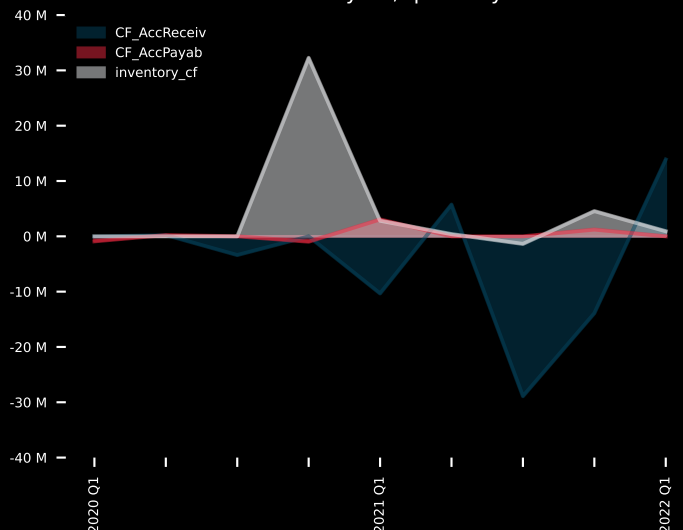
Price vs shares outstanding, quarterly



Owners Earnings, annually

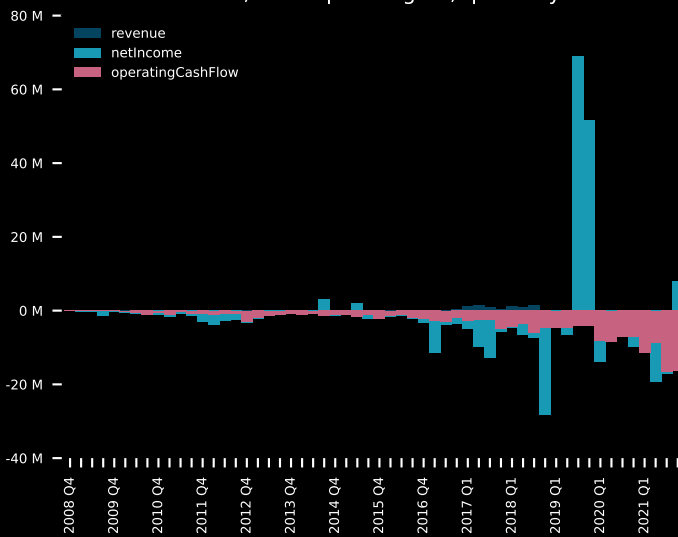


Inventory CF, quarterly

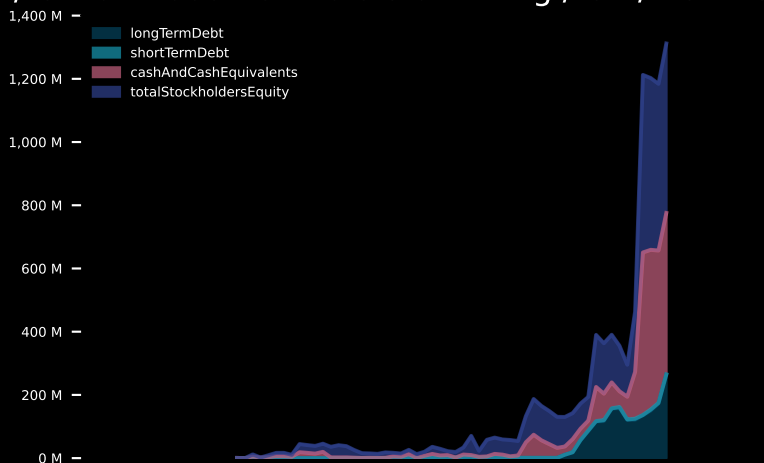


MP Materials Corp. owns and operates rare earth mining and processing facilities. It owns and operates the Mountain Pass Rare Earth mine located in the Western Hemisphere. The company holds the mineral rights to the Mountain Pass mine and surrounding areas, as well as intellectual property rights related 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.

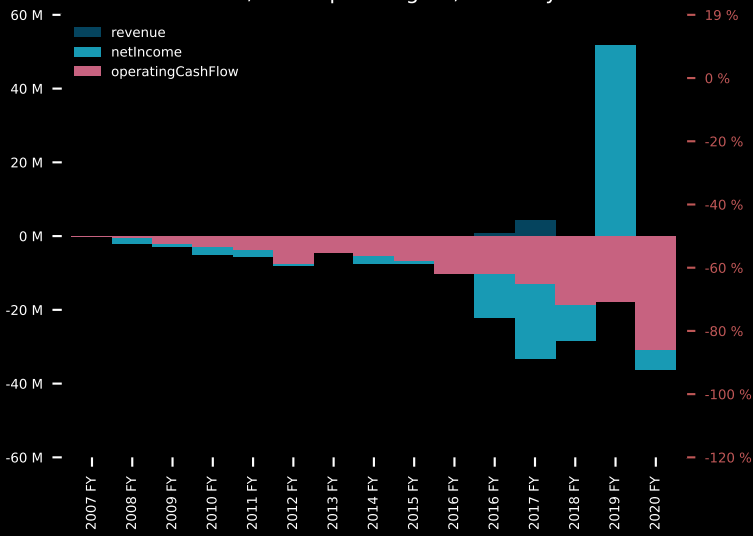
Sales, NI & Operating CF, quarterly



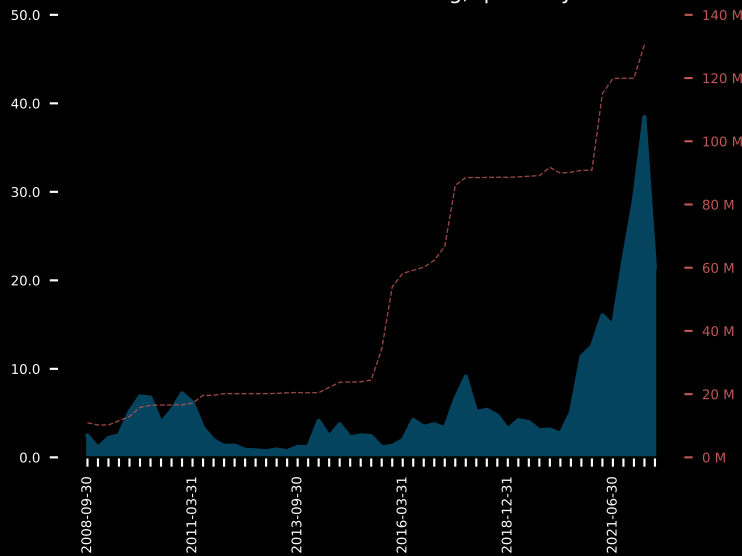
LAC / Other Industrial Metals & Mining / CA / 2022-06



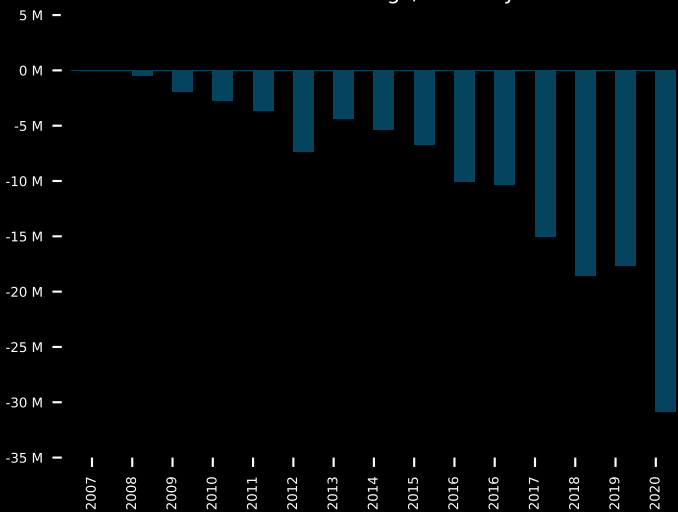
Sales, NI & Operating CF, annually



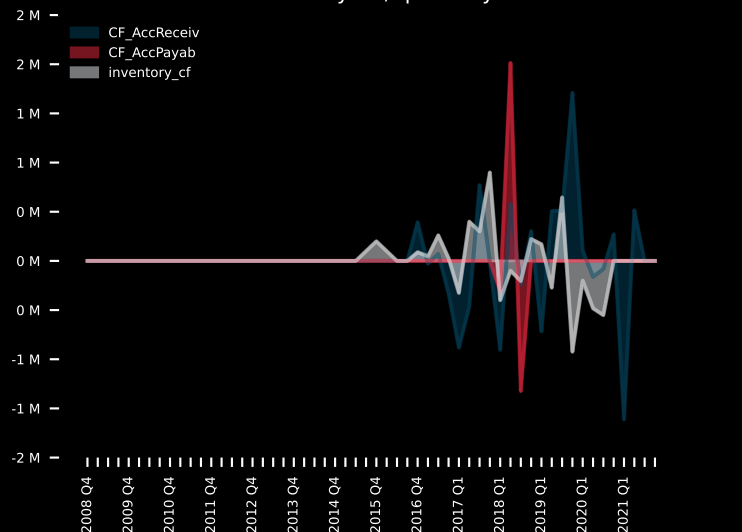
Price vs shares outstanding, quarterly



Owners Earnings, annually

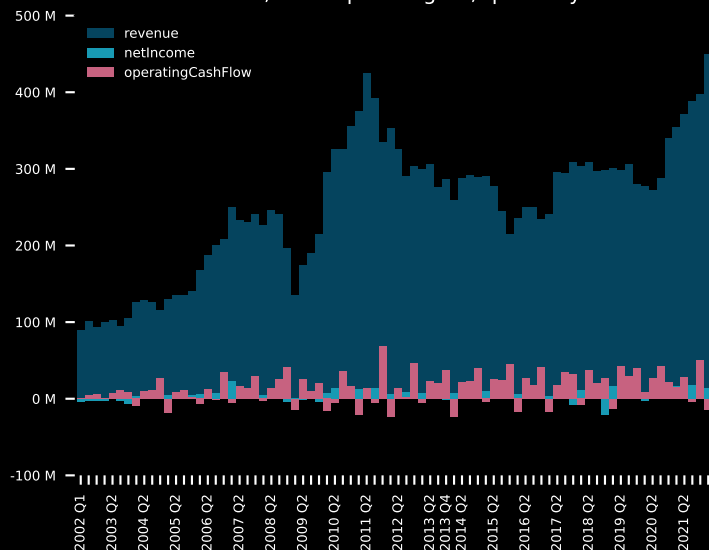


Inventory CF, quarterly

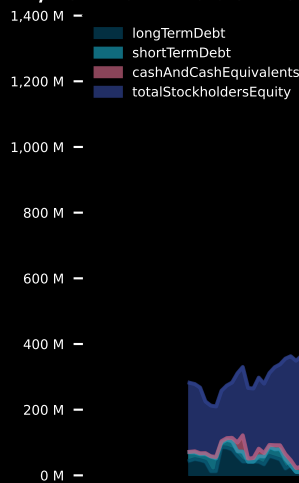


Lithium Americas Corp. operates as a resource company in the United States and Argentina. The company explores for lithium deposits. It owns interests in the Cauchari-Olaroz project located in Jujuy province of Argentina; Thacker Pass project located in north-western Nevada; and Pastos Grandes project located in the Salta province of Argentina. The company was formerly known as Western Lithium USA Corporation and changed its name to Lithium Americas Corp. in March 2016. Lithium Americas Corp. was incorporated in 2007 and is headquartered in Vancouver, Canada.

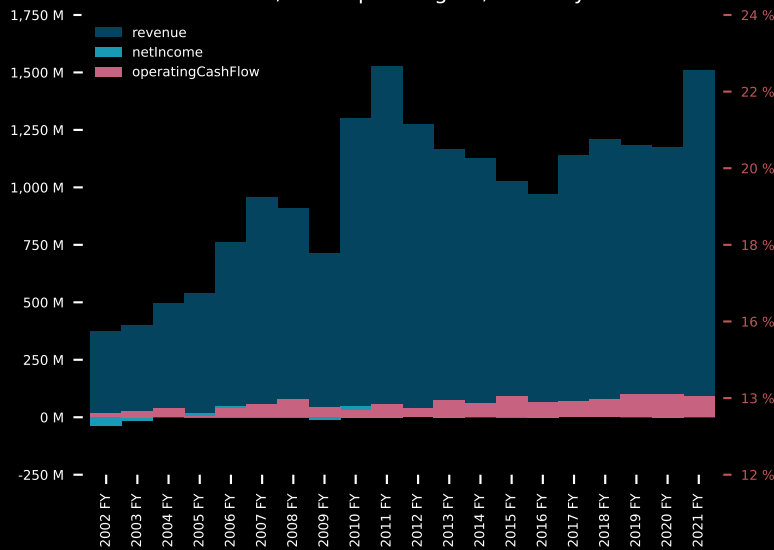
Sales, NI & Operating CF, quarterly



MTRN / Other Industrial Metals & Mining / US / 2022-0



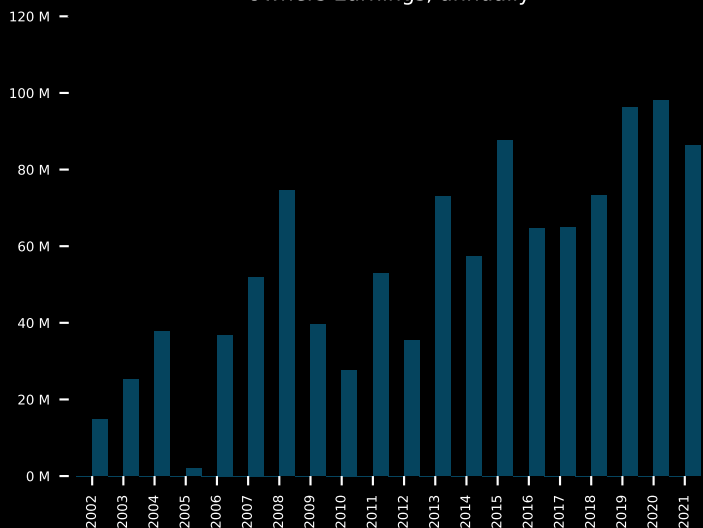
Sales, NI & Operating CF, annually



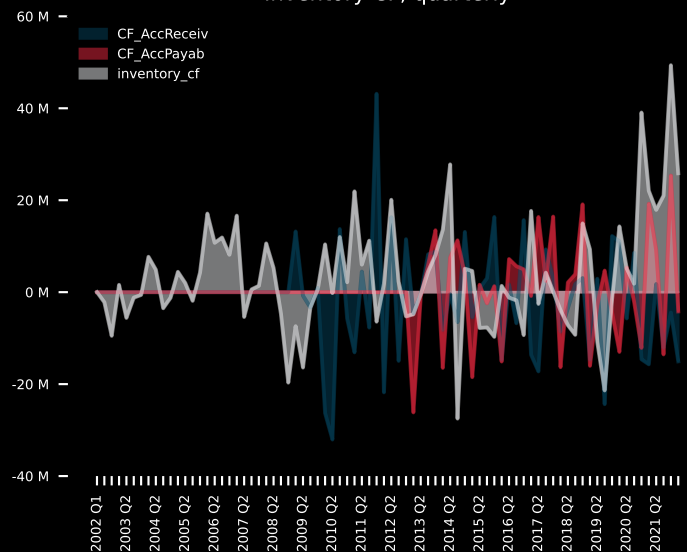
Price vs shares outstanding, quarterly



Owners Earnings, annually

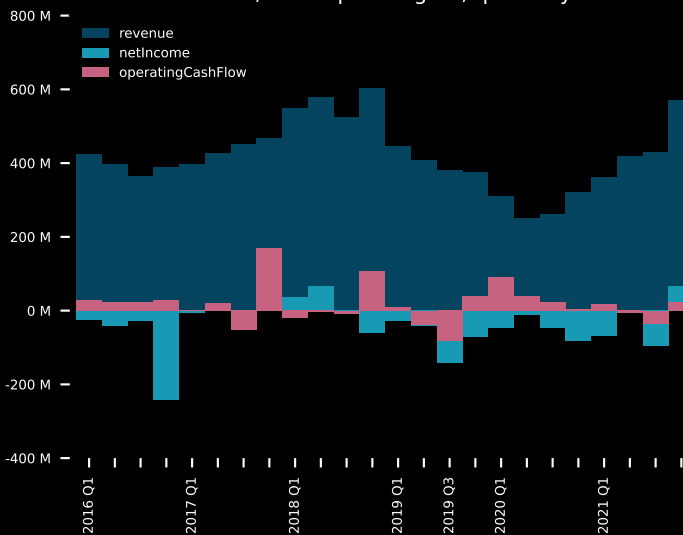


Inventory CF, quarterly

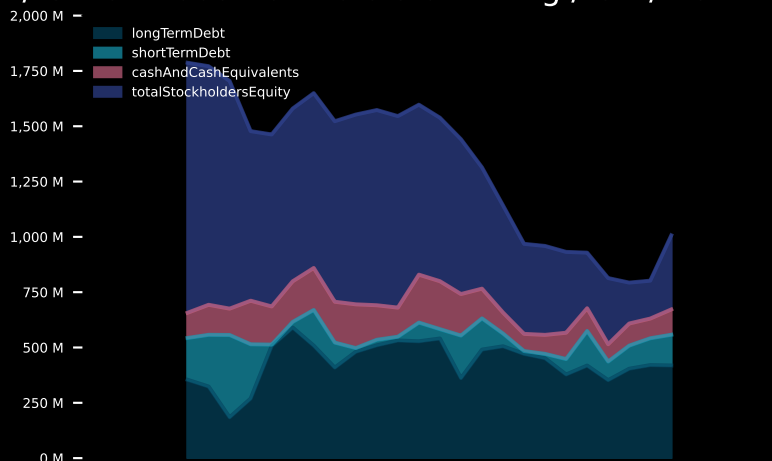


Materion Corporation, through with its subsidiaries, produces advanced engineered materials used in semiconductor, industrial, aerospace and defense, automotive, energy, consumer electronics, and telecom and data center in the United States, Asia, Europe, and internationally. It operates through Performance 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

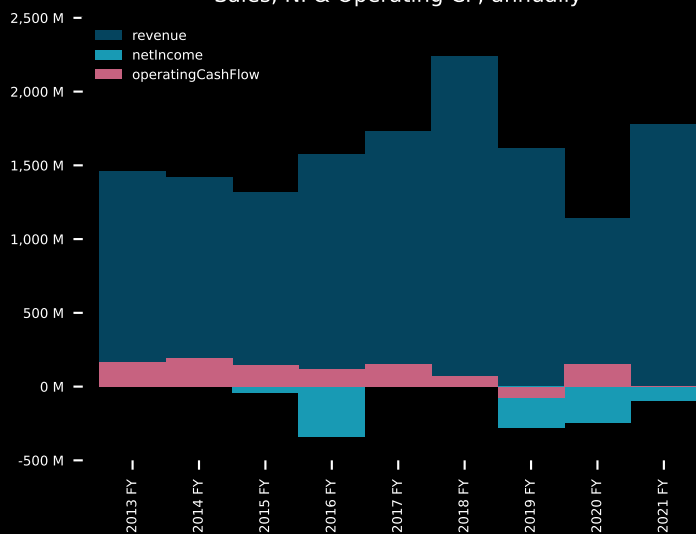
Sales, NI & Operating CF, quarterly



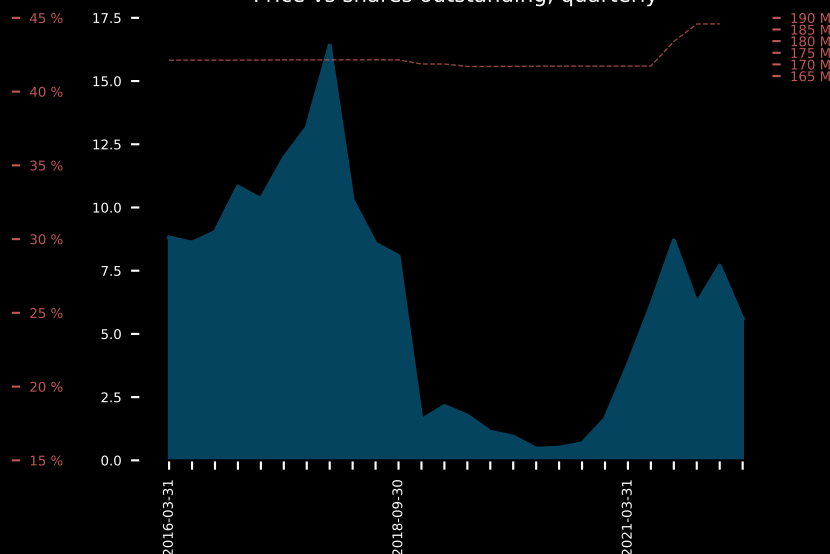
GSM / Other Industrial Metals & Mining / GB / 2022-06



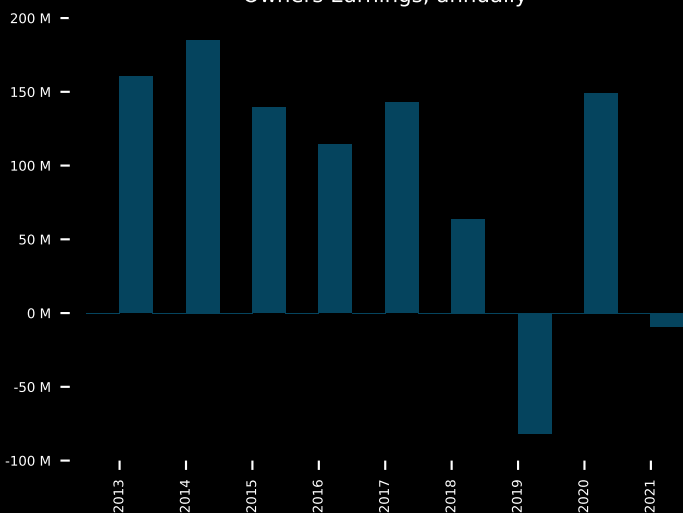
Sales, NI & Operating CF, annually



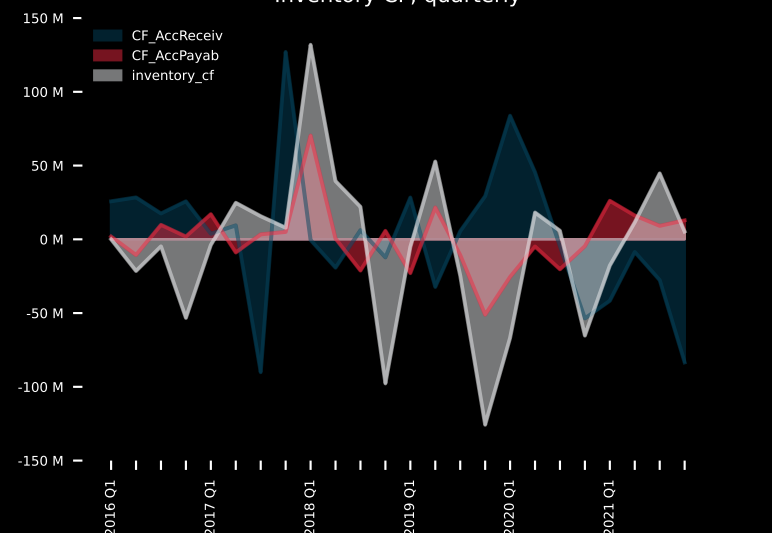
Price vs shares outstanding, quarterly



Owners Earnings, annually

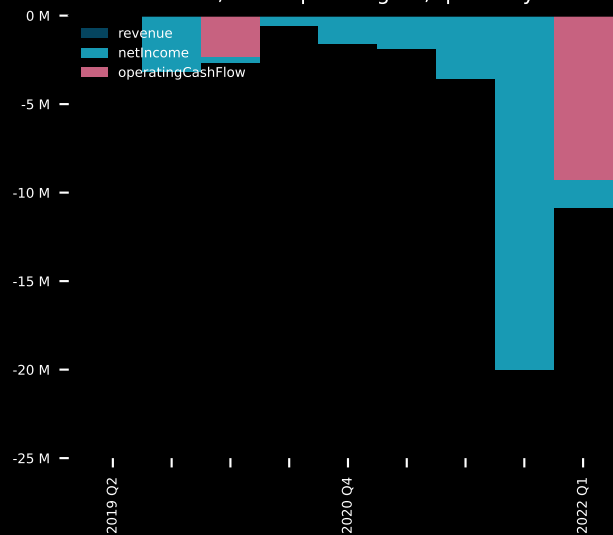


Inventory CF, quarterly

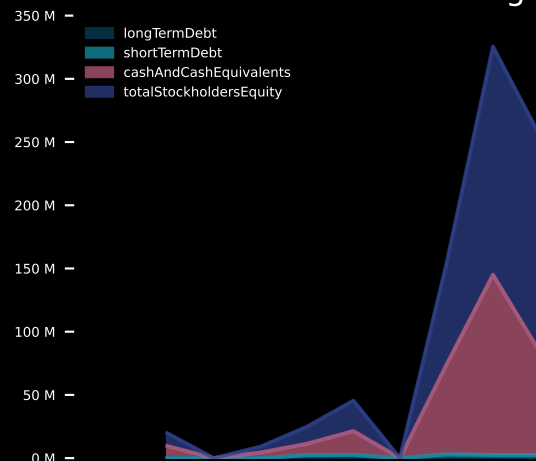


Ferroglobe PLC operates in the silicon and specialty metals industry in the United States, Europe, and internationally. The company offers silicone chemicals that are used in a range of applications, including personal care items, construction-related products, health care products, and electronics, as well as silicon metal for primary and secondary aluminum producers; silicomanganese, which is used as deoxidizing agent in the steel manufacturing process; and ferromanganese that is used as a deoxidizing, desulphurizing, and degassing agent in the removal of nitrogen and other harmful elements from steel. It also provides ferrosilicon products that are used to produce stainless steel, carbon steel, and various other steel alloys, as well as to manufacture electrodes and aluminum; calcium silicon, which is used in the deoxidation and desulfurization of liquid steel, and production of coatings for cast iron pipes, as well as in the

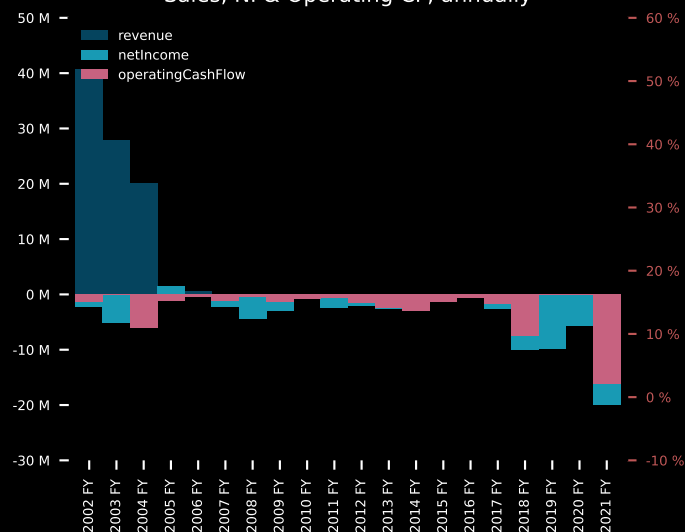
Sales, NI & Operating CF, quarterly



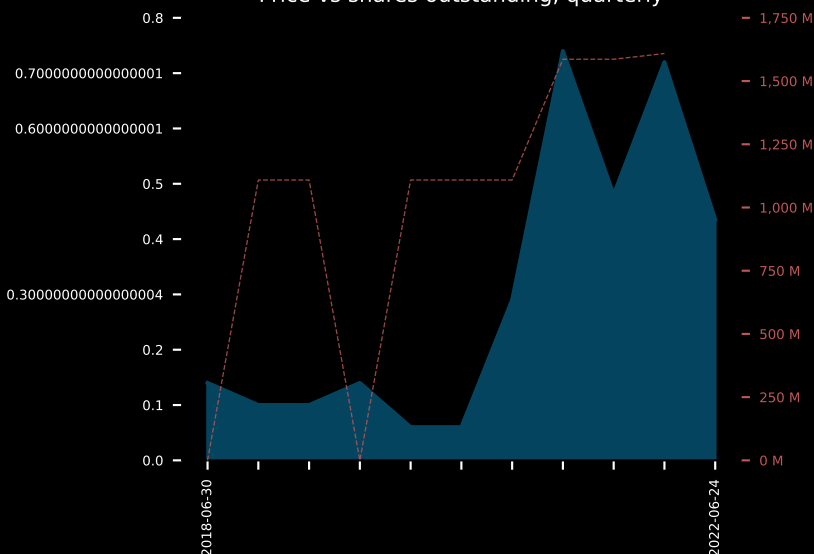
PLLTL / Other Industrial Metals & Mining / US / 2022-0



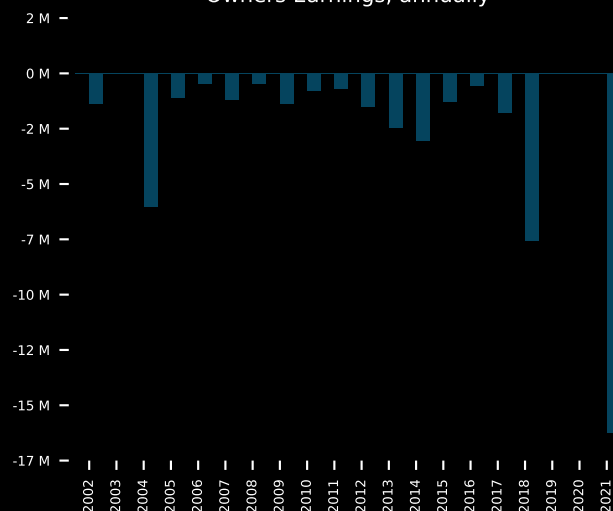
Sales, NI & Operating CF, annually



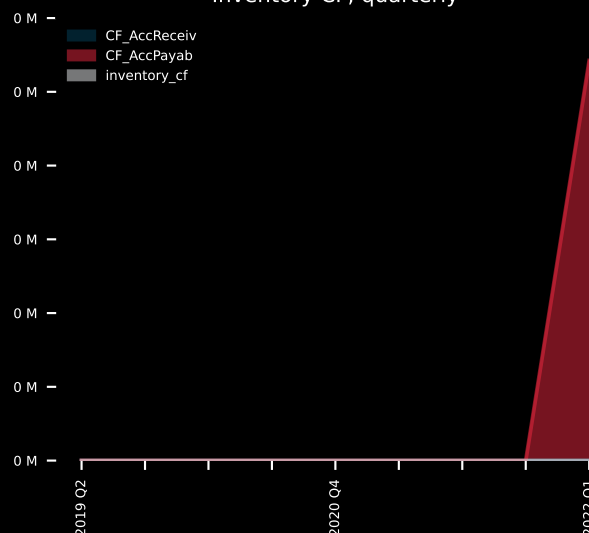
Price vs shares outstanding, quarterly



Owners Earnings, annually

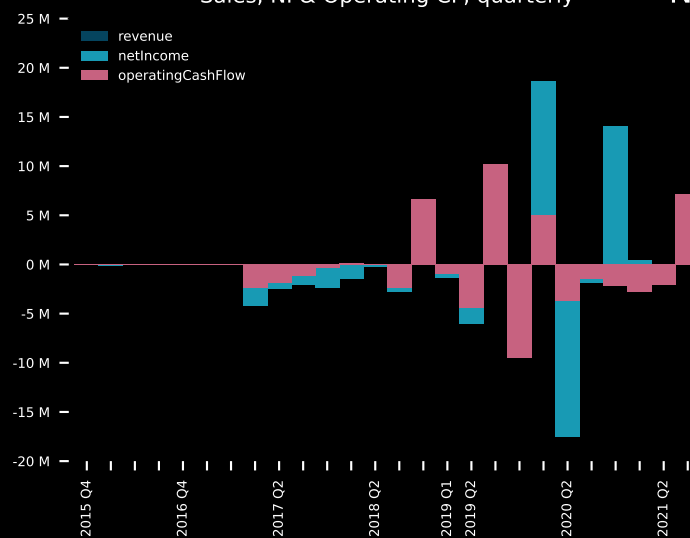


Inventory CF, quarterly



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.

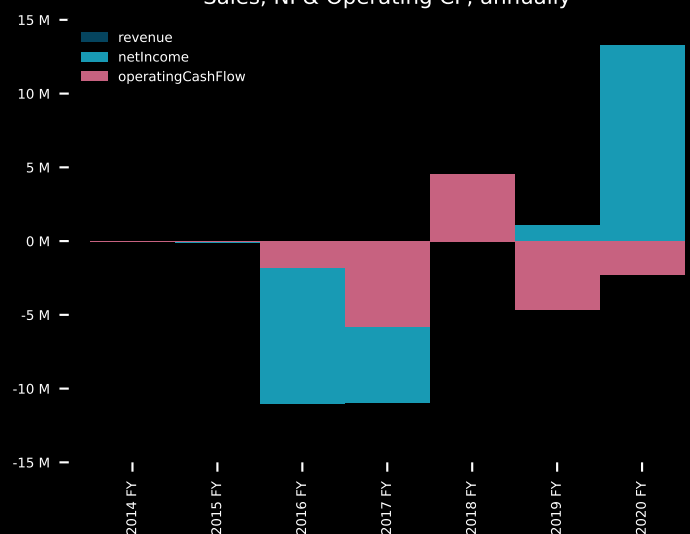
Sales, NI & Operating CF, quarterly



NTTHF / Other Industrial Metals & Mining / CA / 2022-00



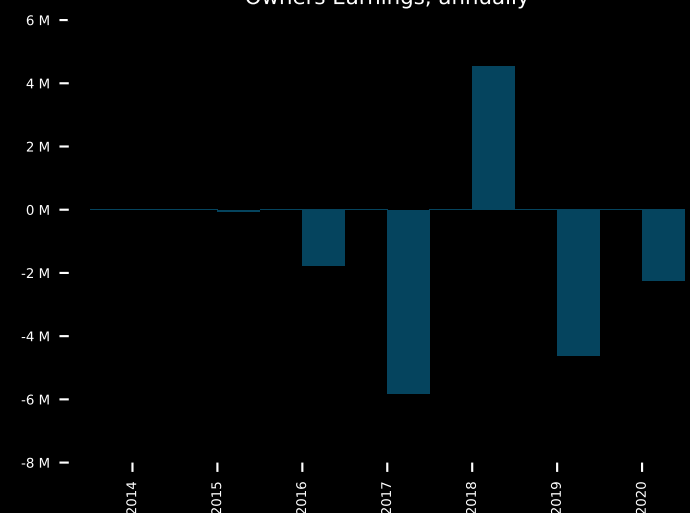
Sales, NI & Operating CF, annually



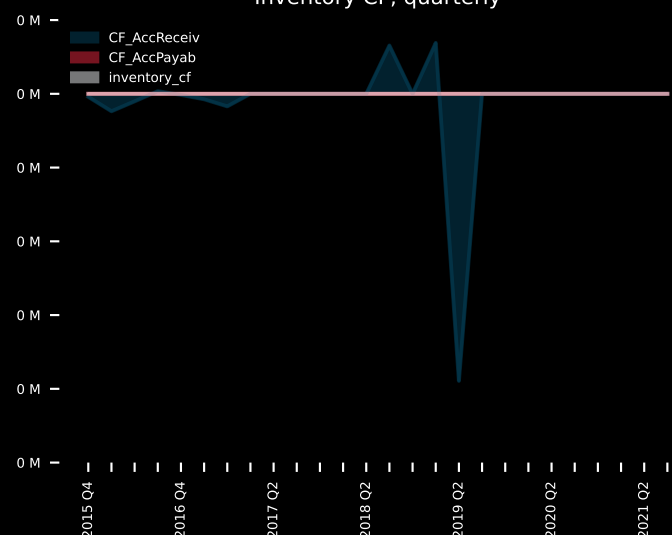
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

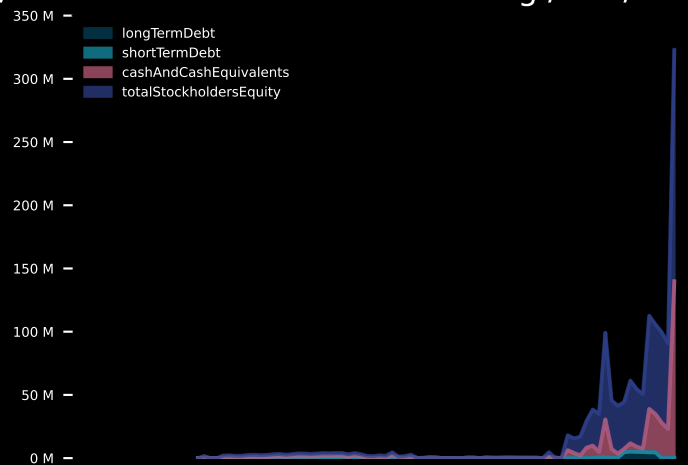


Neo Lithium Corp., a lithium brine exploration company, engages in the exploration and development of resource properties. It explores for lithium deposits. It owns a 100% interest in the Tres Quebradas (3Q) project covering an area of approximately 35,000 hectares, including a salar complex of approximately 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.

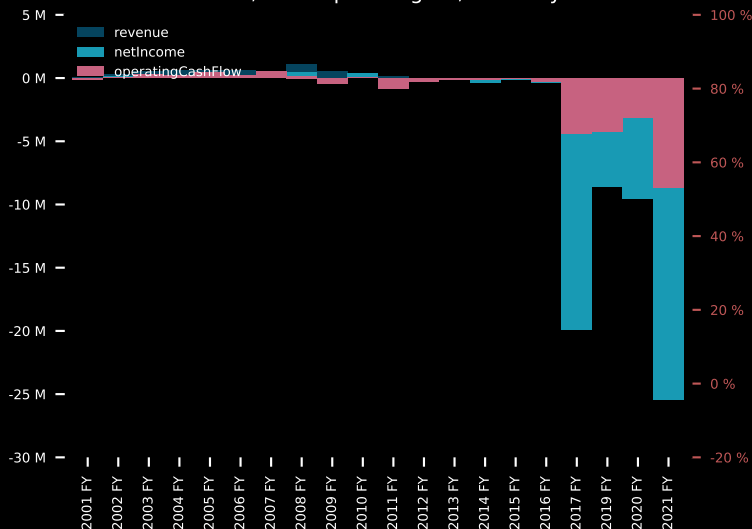
Sales, NI & Operating CF, quarterly



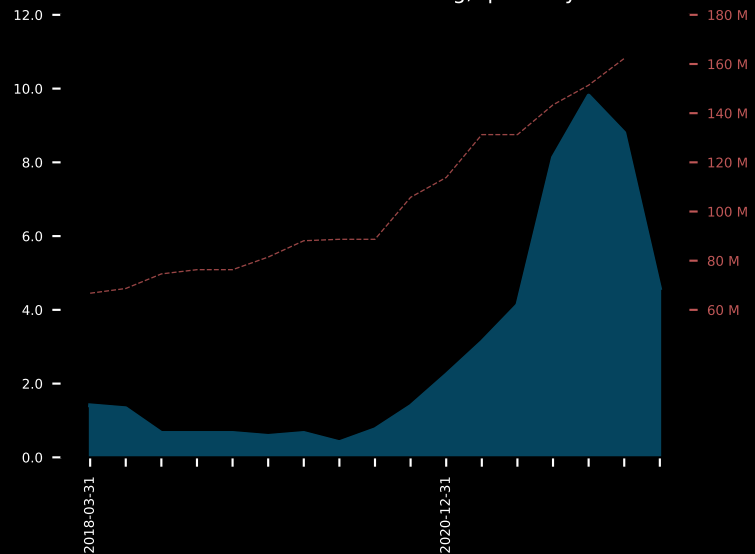
SLI / Other Industrial Metals & Mining / CA / 2022-06-



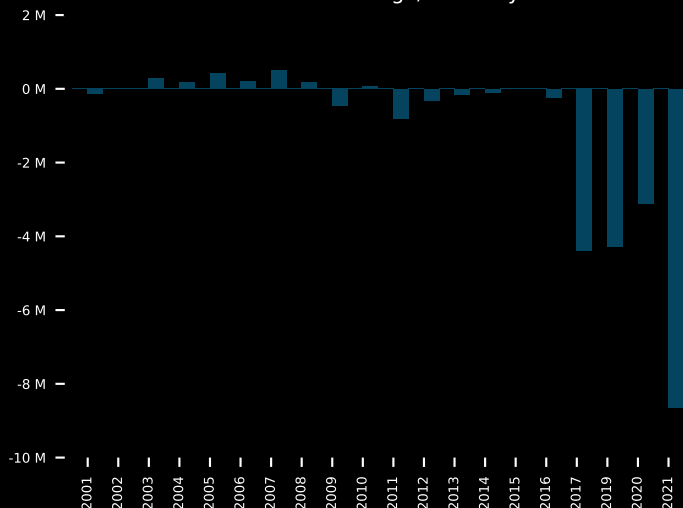
Sales, NI & Operating CF, annually



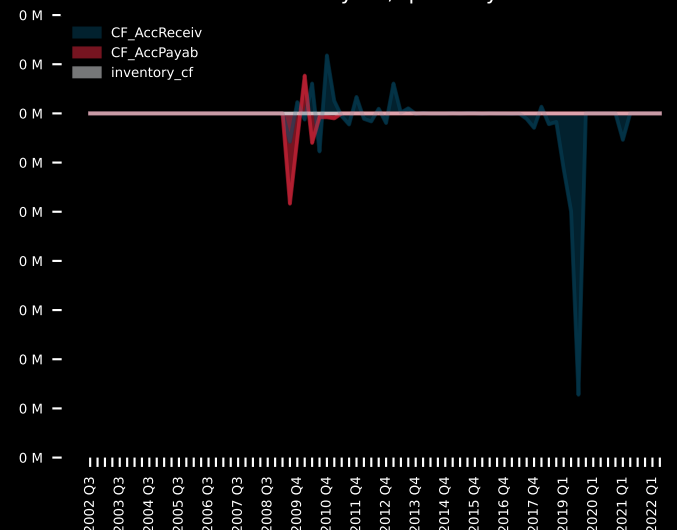
Price vs shares outstanding, quarterly



Owners Earnings, annually

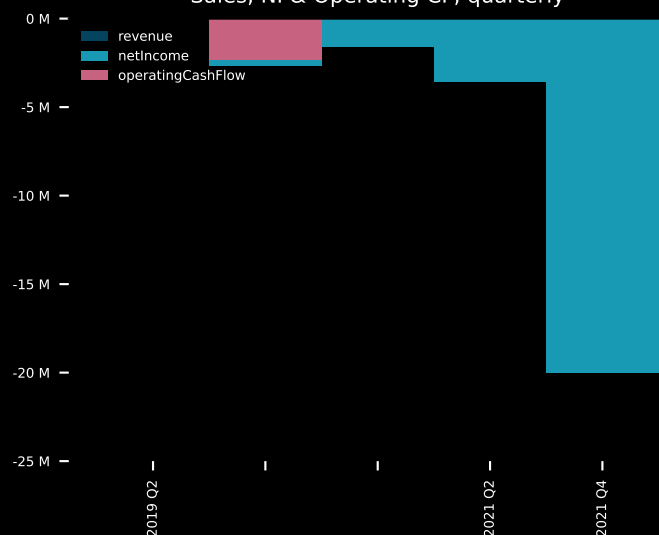


Inventory CF, quarterly



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.

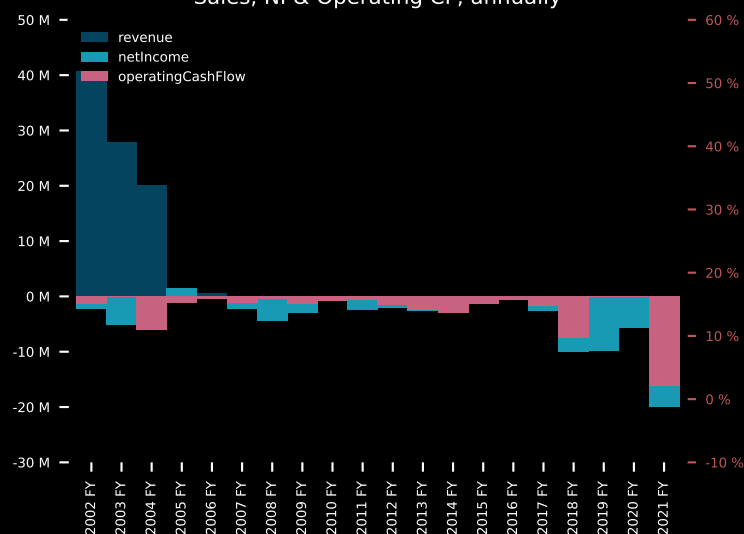
Sales, NI & Operating CF, quarterly



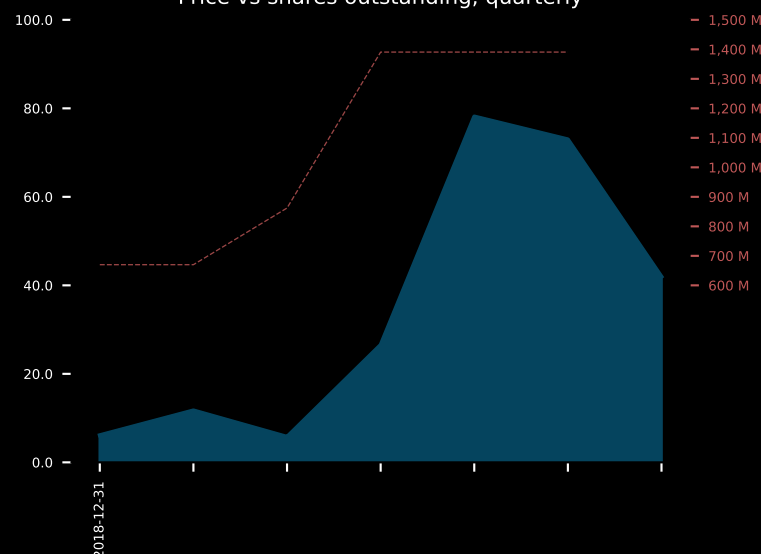
PLL / Other Industrial Metals & Mining / AU / 2022-06-



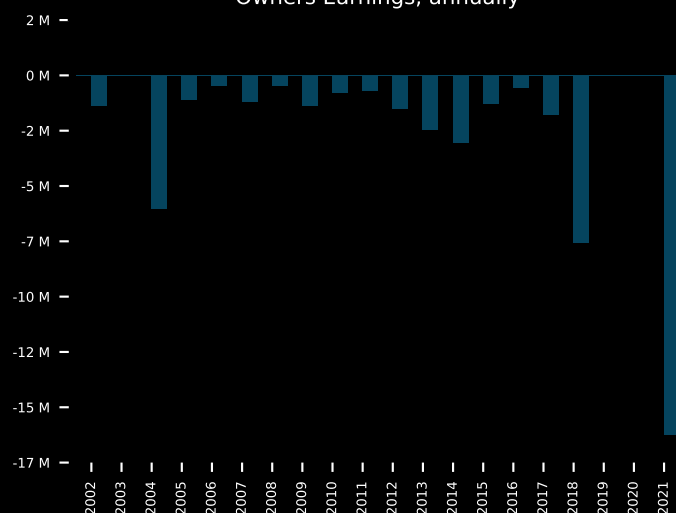
Sales, NI & Operating CF, annually



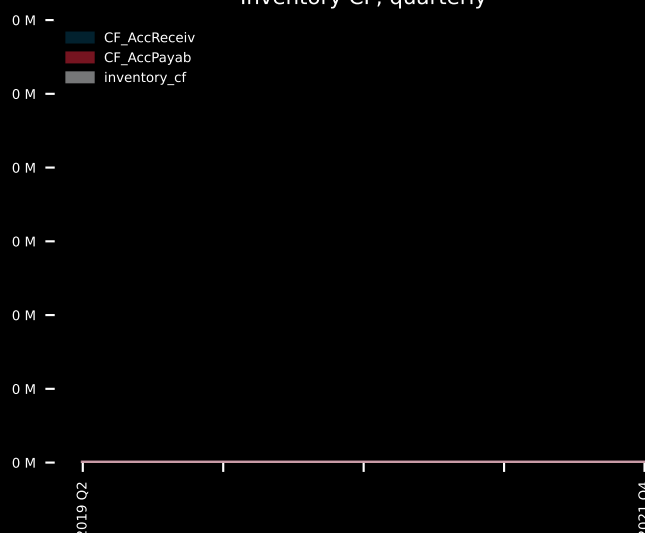
Price vs shares outstanding, quarterly



Owners Earnings, annually

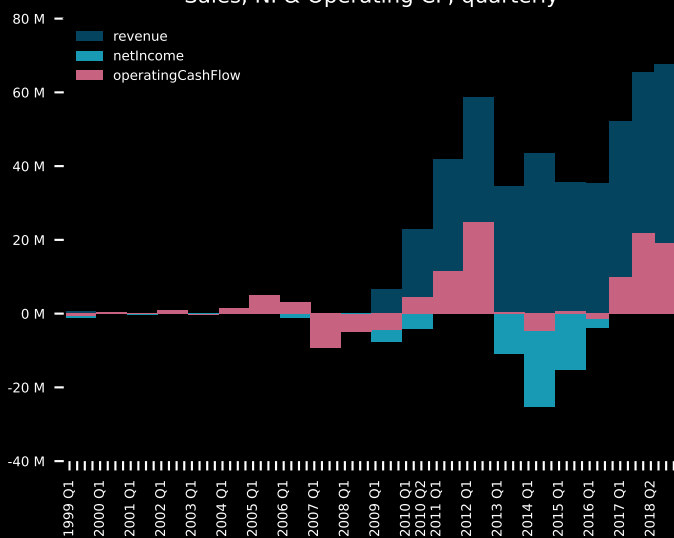


Inventory CF, quarterly



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.

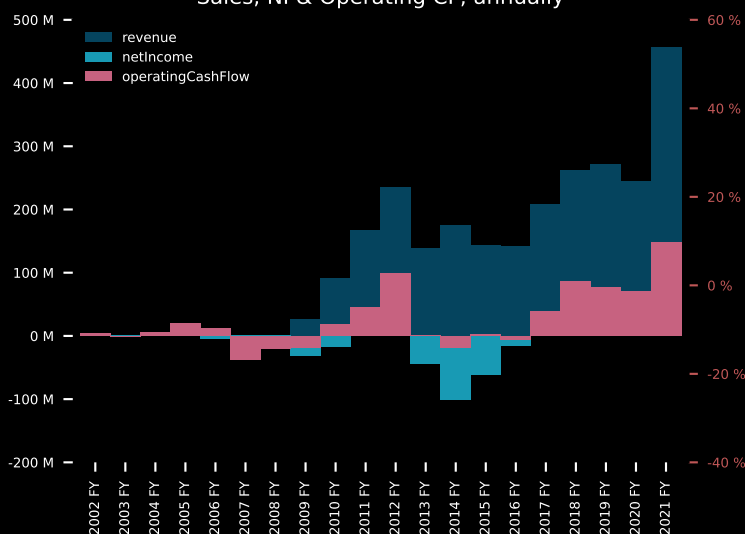
Sales, NI & Operating CF, quarterly



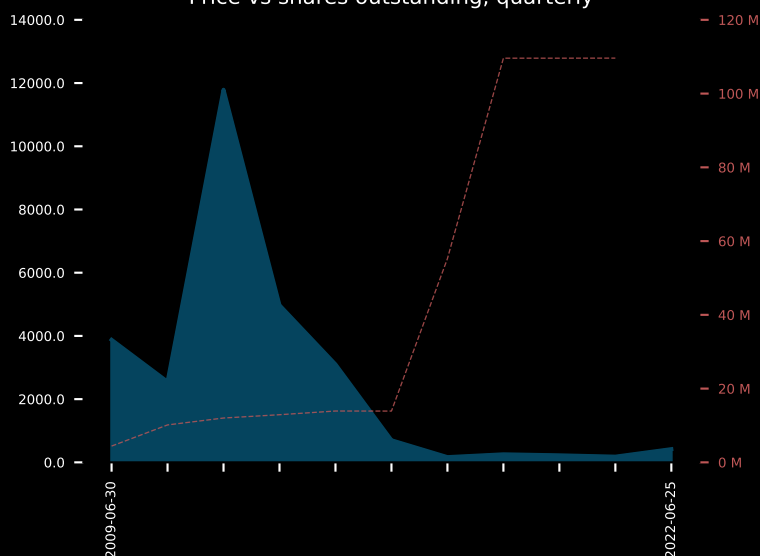
KMR.L / Other Industrial Metals & Mining / IE / 2022-06-25



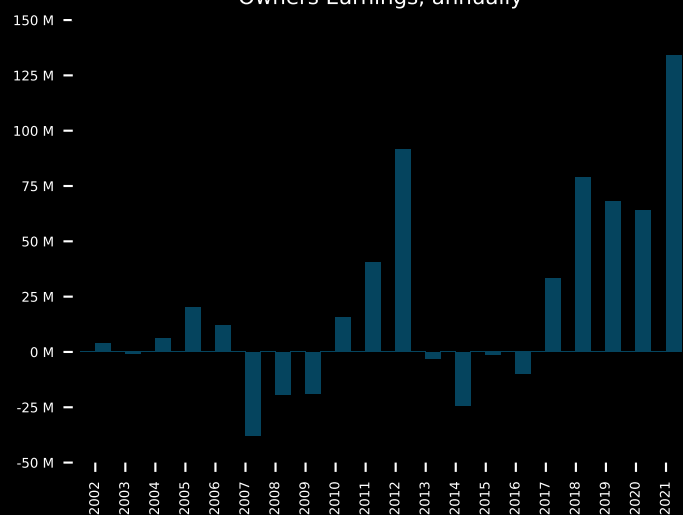
Sales, NI & Operating CF, annually



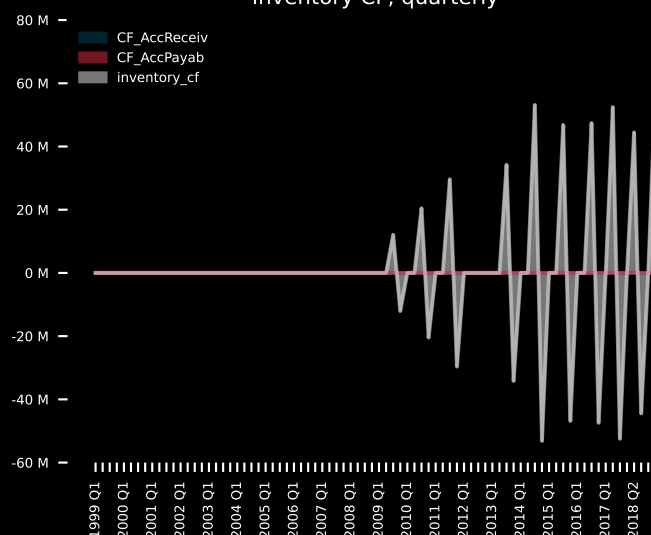
Price vs shares outstanding, quarterly



Owners Earnings, annually

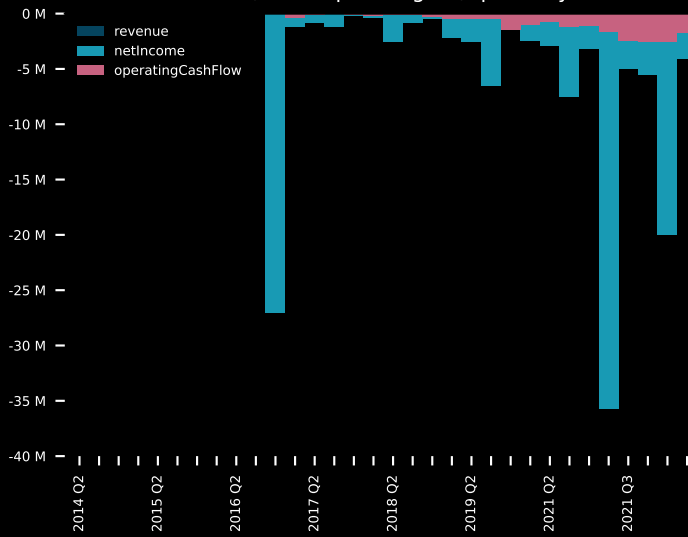


Inventory CF, quarterly

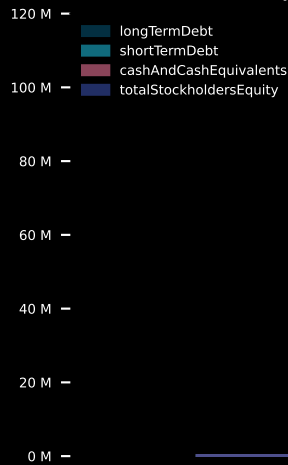


Kenmare Resources plc, together with its subsidiaries, produces and sells mineral sand products in China, Europe, the United States, and internationally. It operates the Moma Titanium Minerals Mine located on the northeast coast of Mozambique. The company's products include ilmenite, zircon, and rutile; and concentrates, including secondary zircon and mineral sand concentrates. As of December 31, 2020, it had a total proved and probable ore reserves of 1,534 million tons. The company was incorporated in 1972 and is headquartered in Dublin, Ireland.

Sales, NI & Operating CF, quarterly



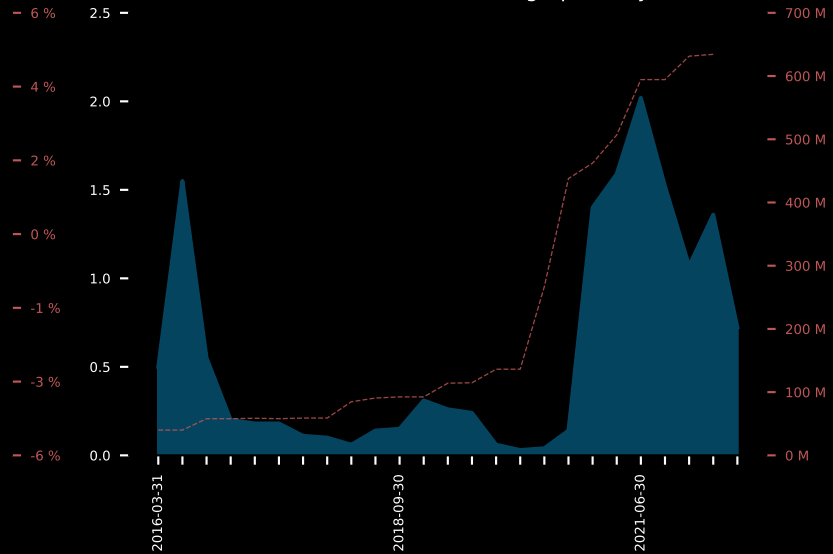
ABML / 0 / 0 / 2022-06-24



Sales, NI & Operating CF, annually



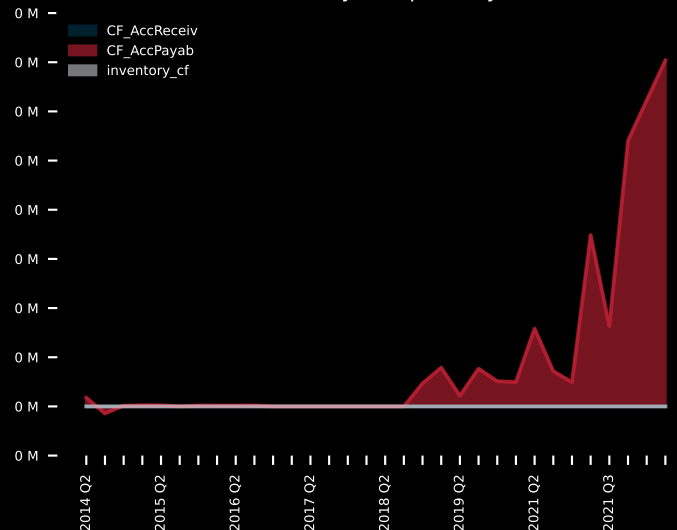
Price vs shares outstanding, quarterly



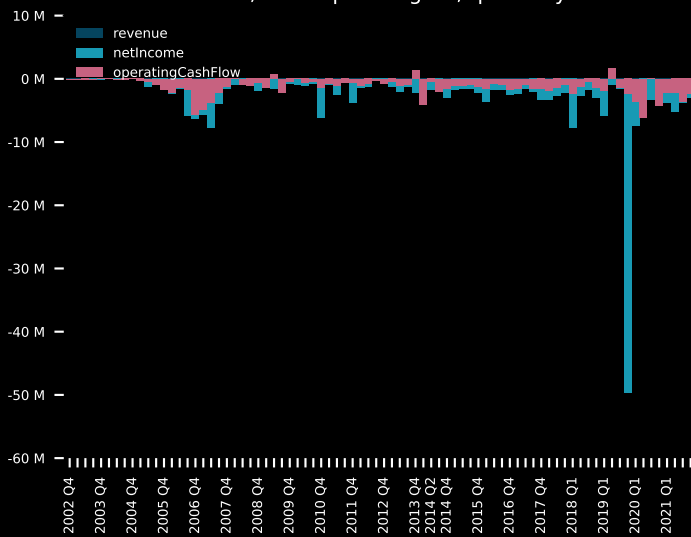
Owners Earnings, annually



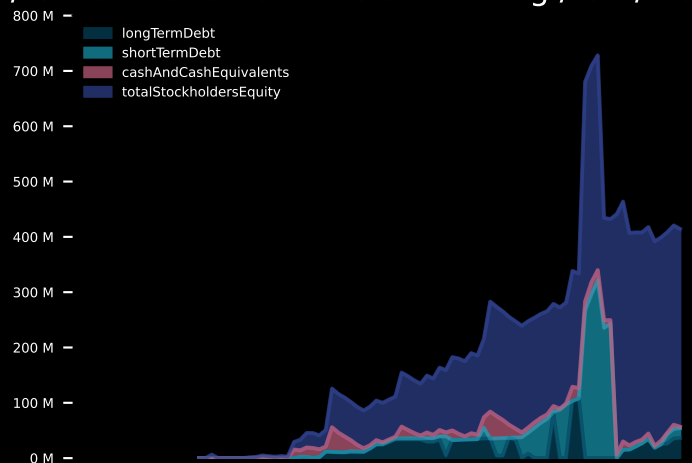
Inventory CF, quarterly



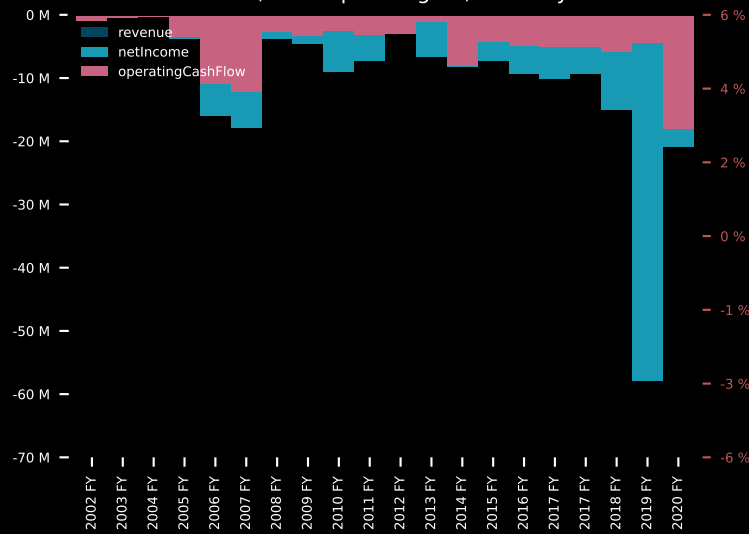
Sales, NI & Operating CF, quarterly



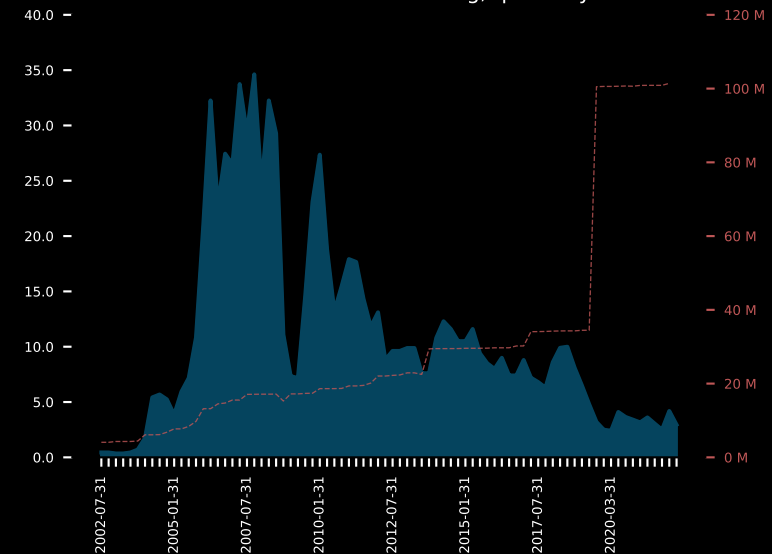
PLM / Other Industrial Metals & Mining / CA / 2022-06



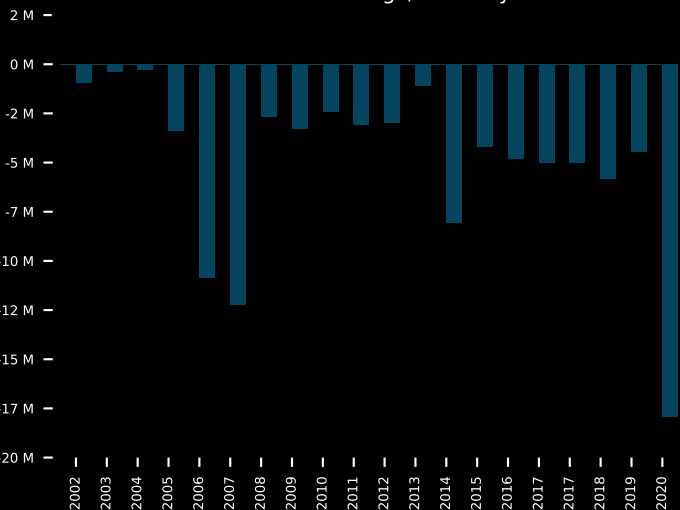
Sales, NI & Operating CF, annually



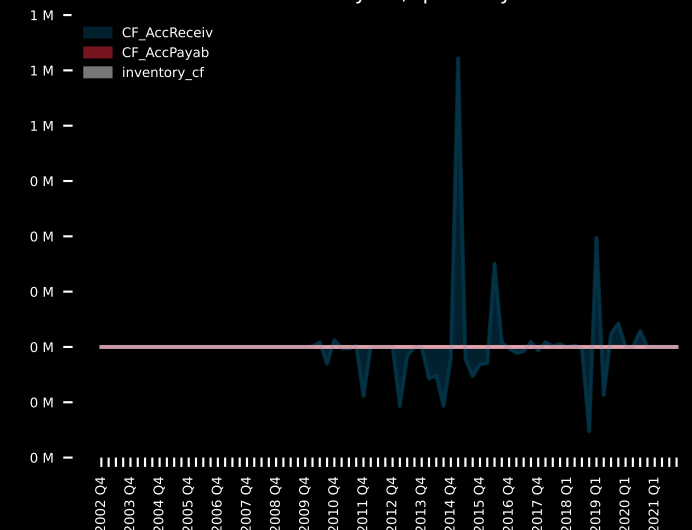
Price vs shares outstanding, quarterly



Owners Earnings, annually

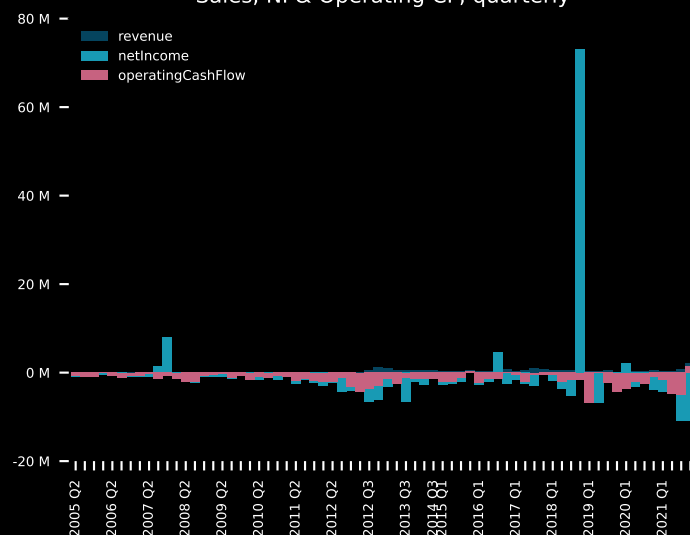


Inventory CF, quarterly



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.

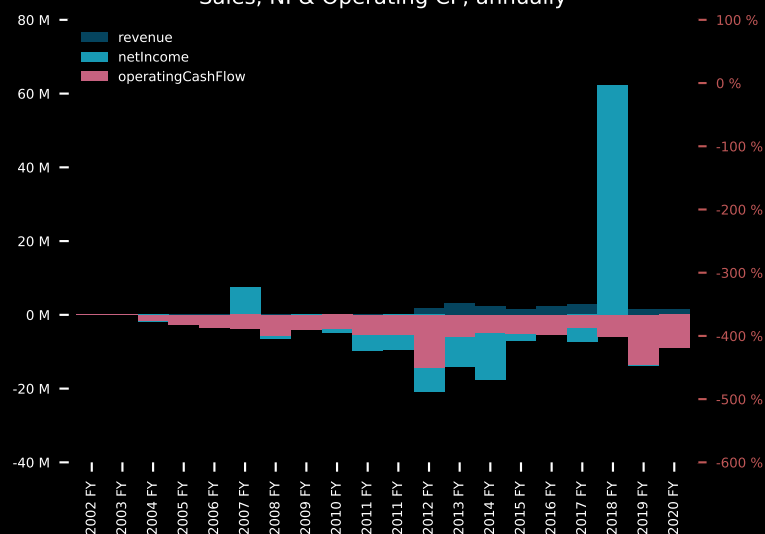
Sales, NI & Operating CF, quarterly



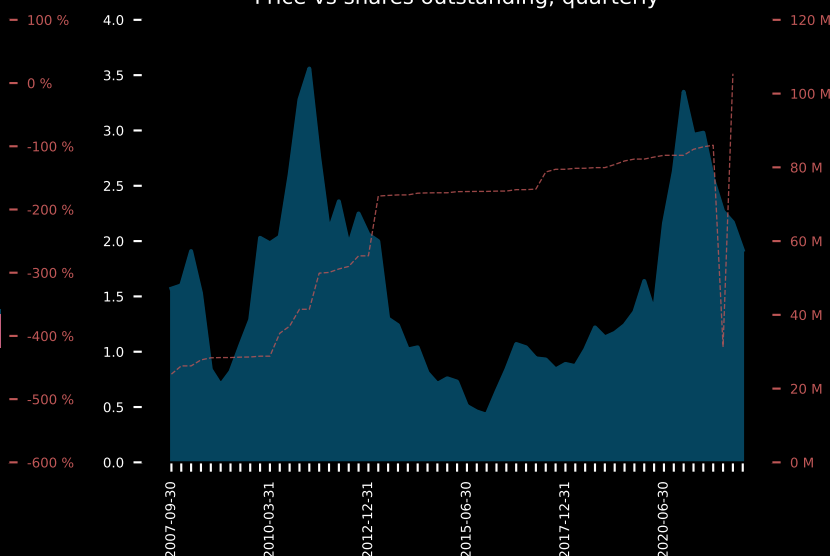
EMX / Other Industrial Metals & Mining / CA / 2022-06



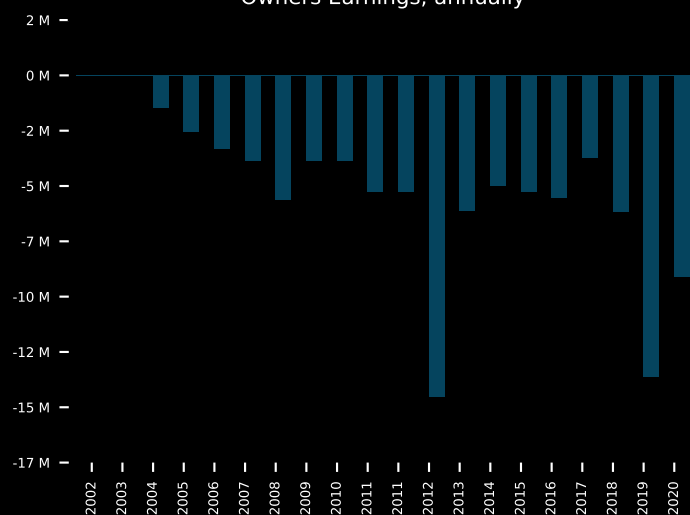
Sales, NI & Operating CF, annually



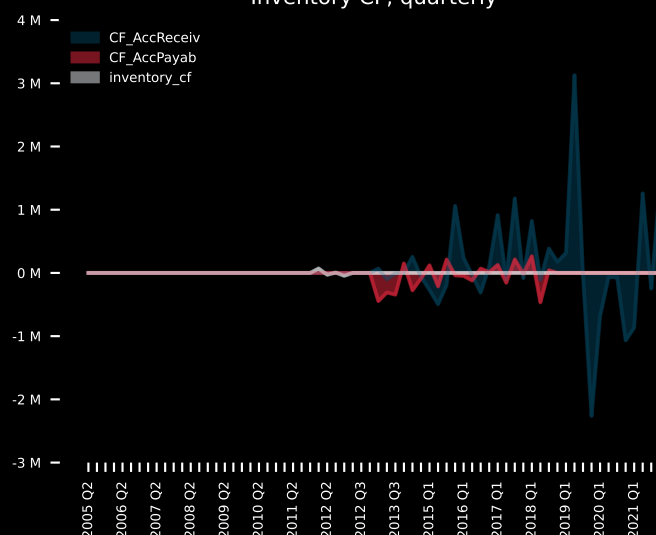
Price vs shares outstanding, quarterly



Owners Earnings, annually

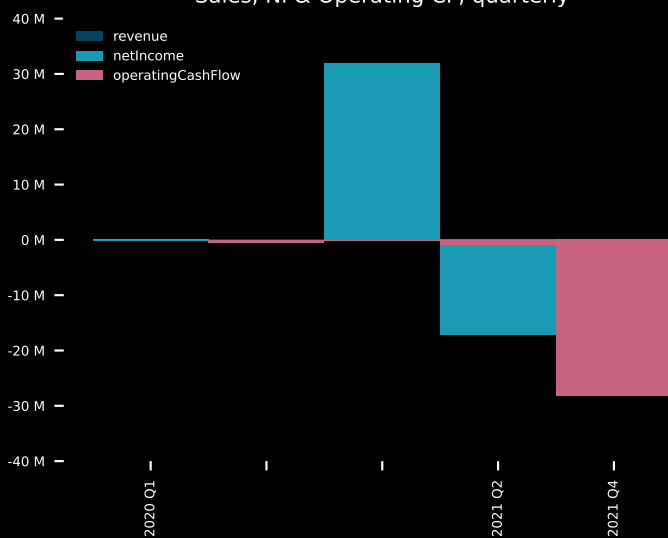


Inventory CF, quarterly

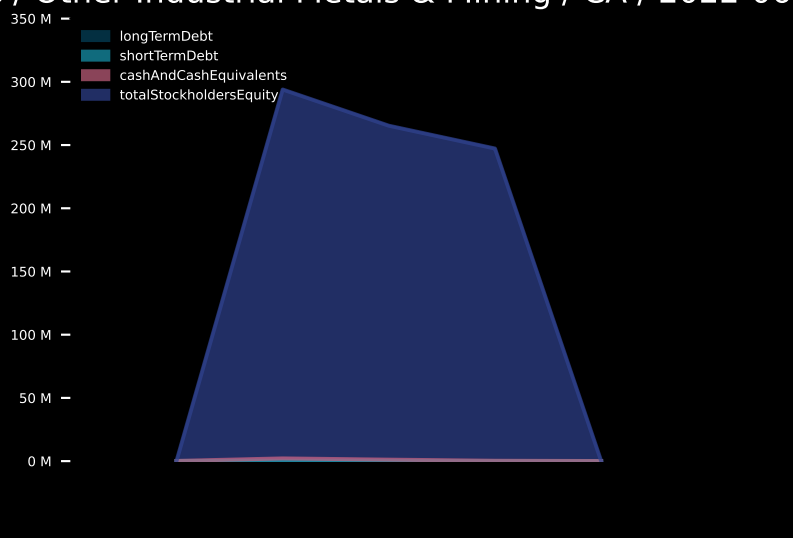


EMX Royalty Corporation, together with its subsidiaries, engages in the exploring for, and generating royalties from, metals and minerals properties. It explores for gold, silver, platinum, palladium, copper, lead, zinc, nickel, cobalt, volcanogenic massive sulfide, molybdenum, and iron deposits. The company's royalty and 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.

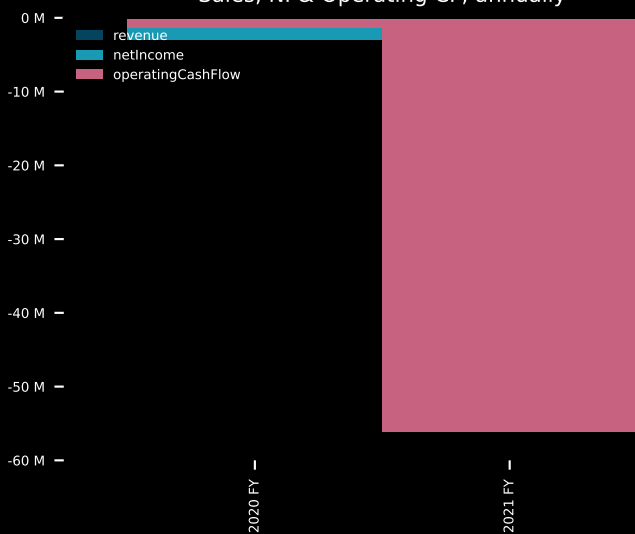
Sales, NI & Operating CF, quarterly



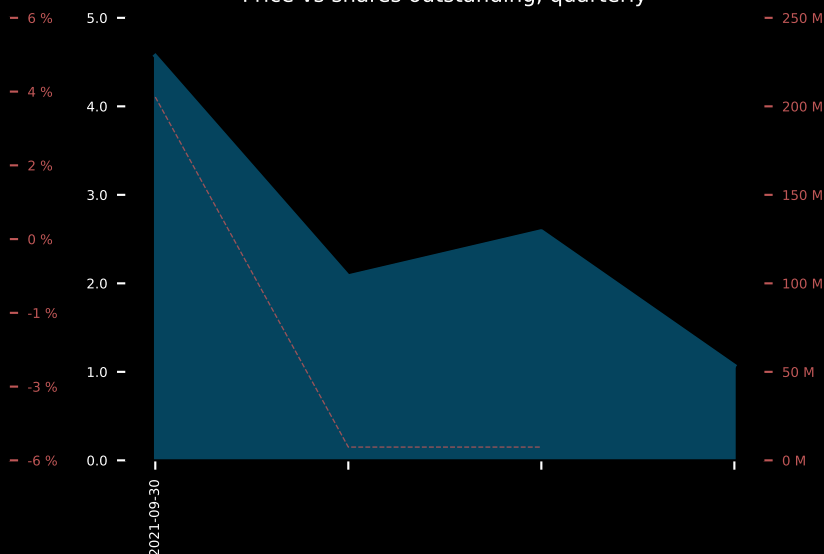
TMC / Other Industrial Metals & Mining / CA / 2022-06



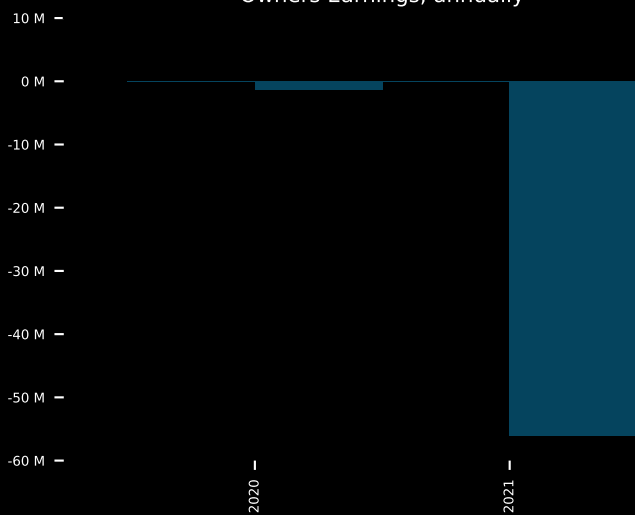
Sales, NI & Operating CF, annually



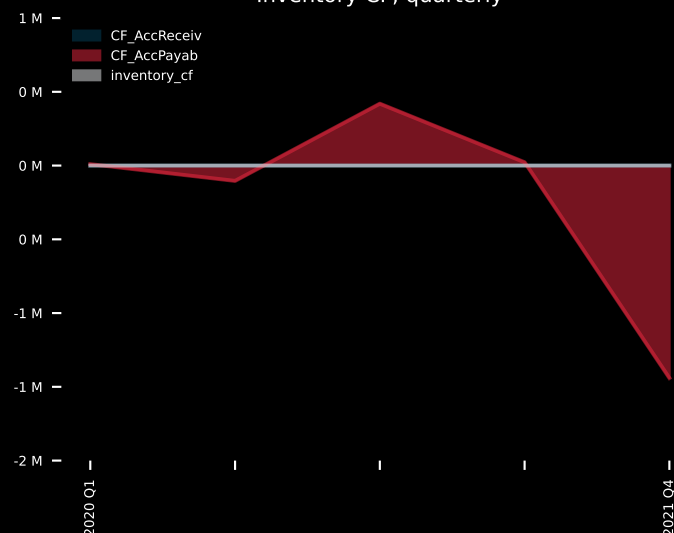
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly



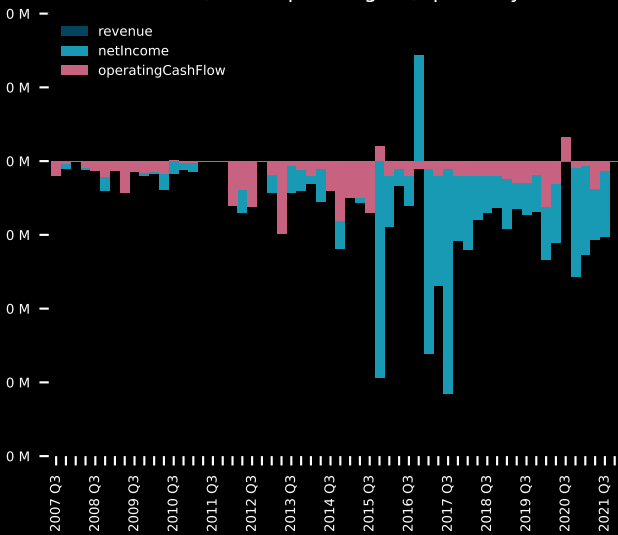
TMC the metals company Inc., a deep-sea minerals exploration company, focuses on the collection, processing, and refining of polymetallic nodules found on the seafloor in the Clarion Clipperton Zone (CCZ) in the south-west of San Diego, California. The company primarily explores for nickel, cobalt, copper, 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.

Sales, NI & Operating CF, quarterly

The chart displays three financial metrics over time:

- revenue** (blue bars)
- netIncome** (orange bars)
- operatingCashFlow** (green line)

The Y-axis represents values in millions (M), ranging from 0 M to 10 M. The X-axis shows quarters from 2007 Q3 to 2021 Q3.



7 M —

6 M —

5 M —

4 M —

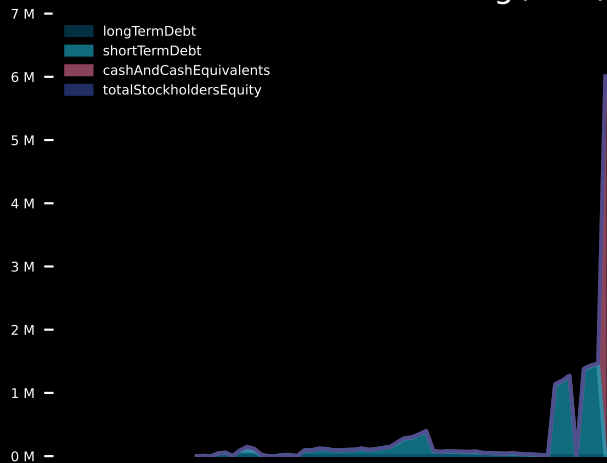
3 M —

2 M —

1 M —

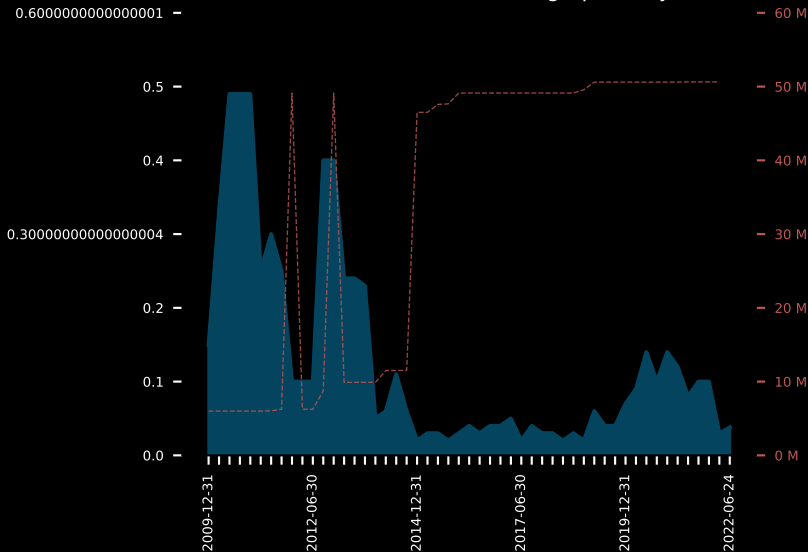
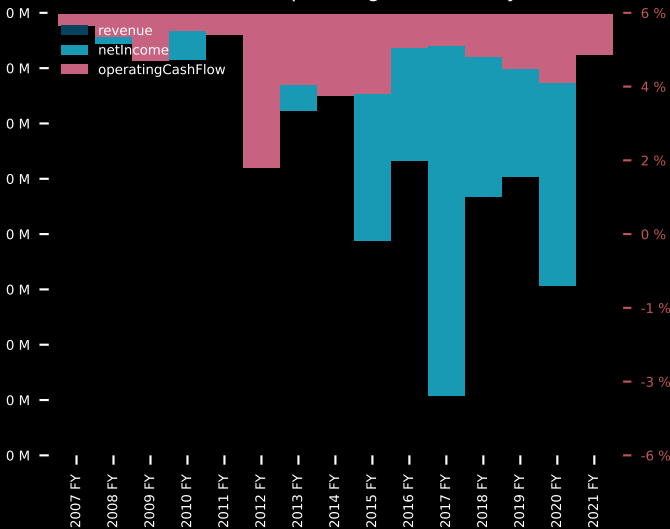
0 M —

- longTermDebt
- shortTermDebt
- cashAndCashEquivalents
- totalStockholdersEquity

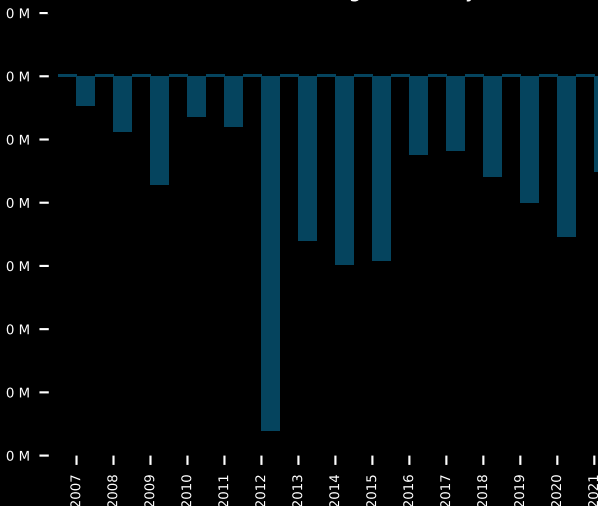


The chart displays the contribution of three components to the change in working capital over a 15-year period. The y-axis represents the change in working capital in millions of dollars, ranging from -6M to 6M. The x-axis shows the fiscal years from 2007 to 2021. The components are: revenue (blue), net income (orange), and operating cash flow (green). The total change in working capital is shown as a black bar at the bottom of each year's stack.

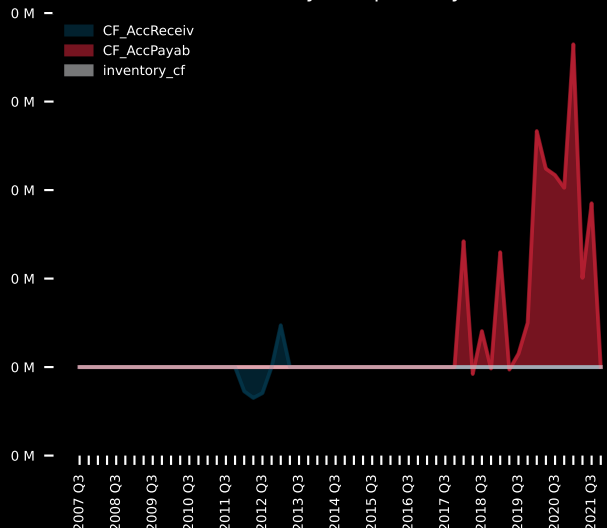
Fiscal Year	Revenue (\$M)	Net Income (\$M)	Operating Cash Flow (\$M)	Total Change (\$M)
2007 FY	1.5	0.5	0.5	2.5
2008 FY	1.5	0.5	0.5	2.5
2009 FY	1.5	0.5	0.5	2.5
2010 FY	1.5	0.5	0.5	2.5
2011 FY	1.5	0.5	0.5	2.5
2012 FY	1.5	0.5	0.5	2.5
2013 FY	1.5	0.5	0.5	2.5
2014 FY	1.5	0.5	0.5	2.5
2015 FY	1.5	0.5	0.5	2.5
2016 FY	1.5	0.5	0.5	2.5
2017 FY	1.5	0.5	0.5	2.5
2018 FY	1.5	0.5	0.5	2.5
2019 FY	1.5	0.5	0.5	2.5
2020 FY	1.5	0.5	0.5	2.5
2021 FY	1.5	0.5	0.5	2.5



Year	Annual change in the number of employees (thousands)
2007	-20
2008	-30
2009	-50
2010	-10
2011	-15
2012	-100
2013	40
2014	-30
2015	-30
2016	-10
2017	-10
2018	-20
2019	-10
2020	-40
2021	-20

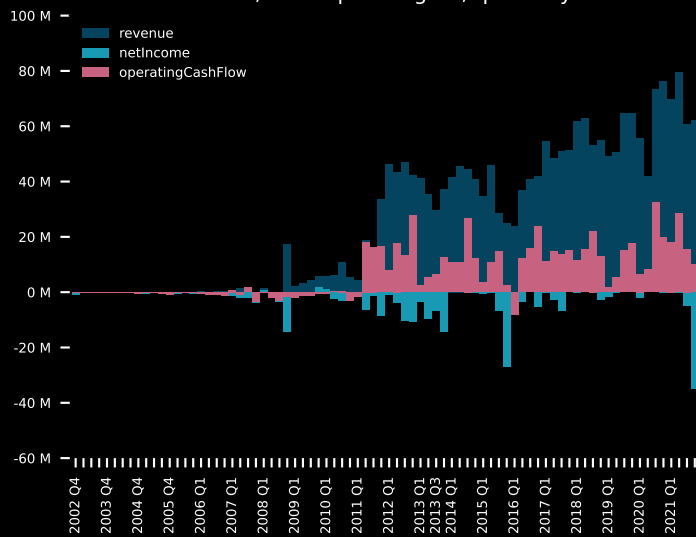


The chart displays three financial metrics over time from 2007 Q3 to 2021 Q3. The y-axis represents values in millions (M), ranging from 0 M to 0 M (likely 0 to 100 M). The x-axis shows quarters from 2007 Q3 to 2021 Q3. The legend indicates: CF_AccReceiv (blue), CF_AccPayab (red), and inventory_cf (grey). CF_AccReceiv and CF_AccPayab are plotted as negative values below the zero line, while inventory_cf is plotted as a positive value above the zero line. CF_AccPayab shows a significant increase starting around 2017, peaking in 2020, and then declining. CF_AccReceiv shows a small peak around 2012 Q3. inventory_cf remains relatively stable around 10 M.

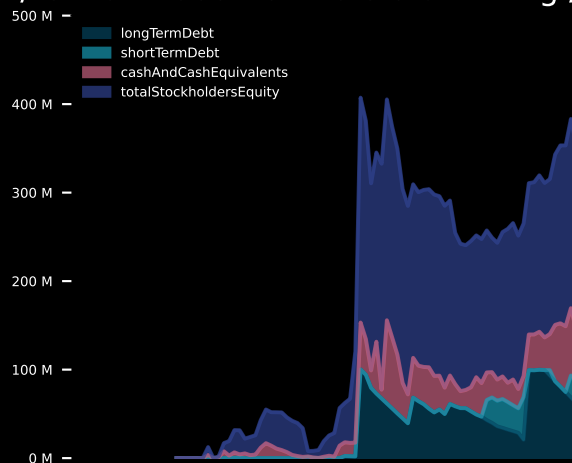


Lode-Star Mining Inc. acquires and explores for mineral properties. It holds interests in the Goldfield Bonanza project, which comprises 31 patented mineral claims covering an area of 460 acres located in the district of Goldfield in the state of Nevada. The company is based in Reno, Nevada. Lode-Star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

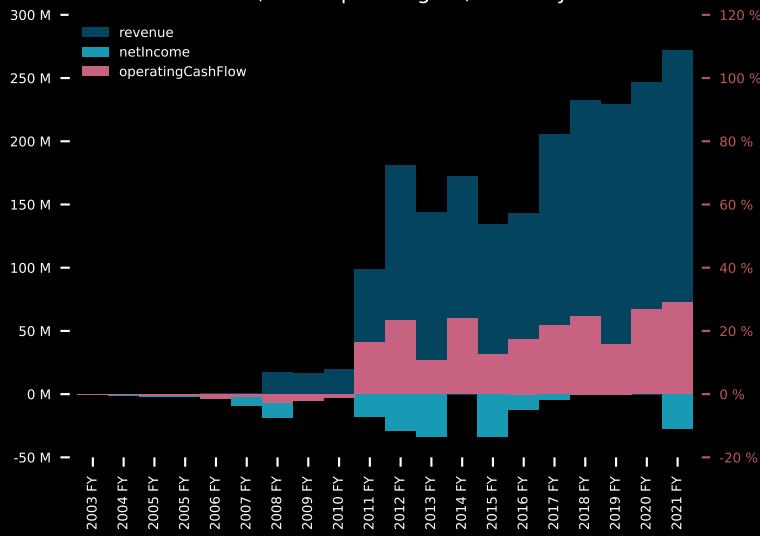
Sales, NI & Operating CF, quarterly



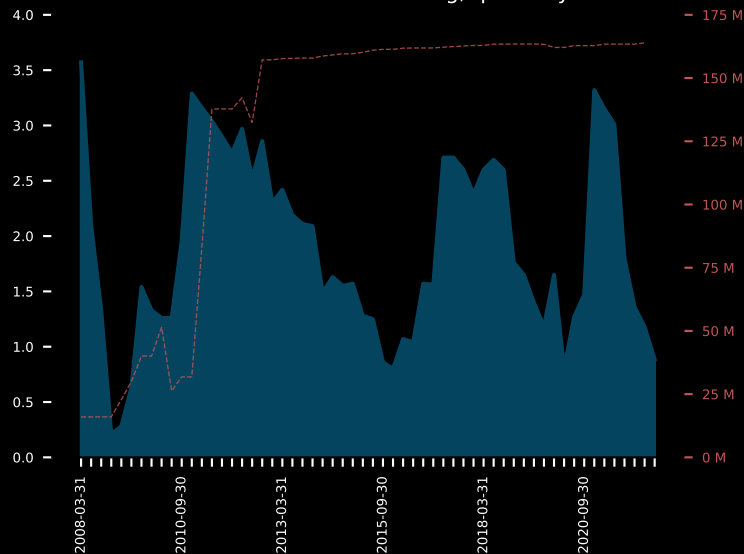
SMTS / Other Industrial Metals & Mining / CA / 2022-06



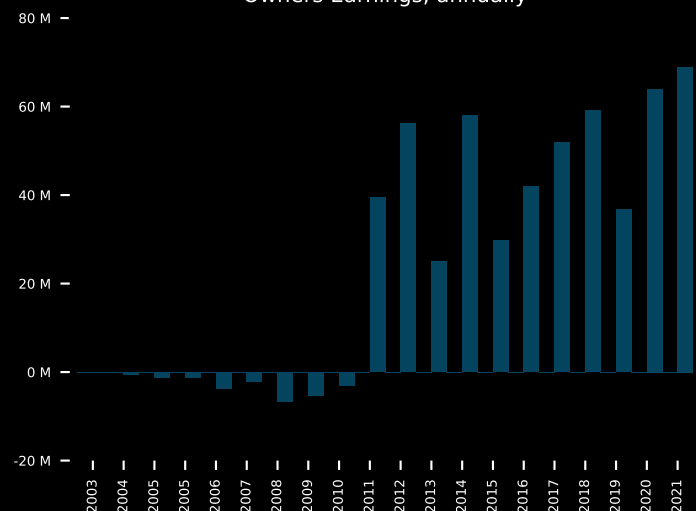
Sales, NI & Operating CF, annually



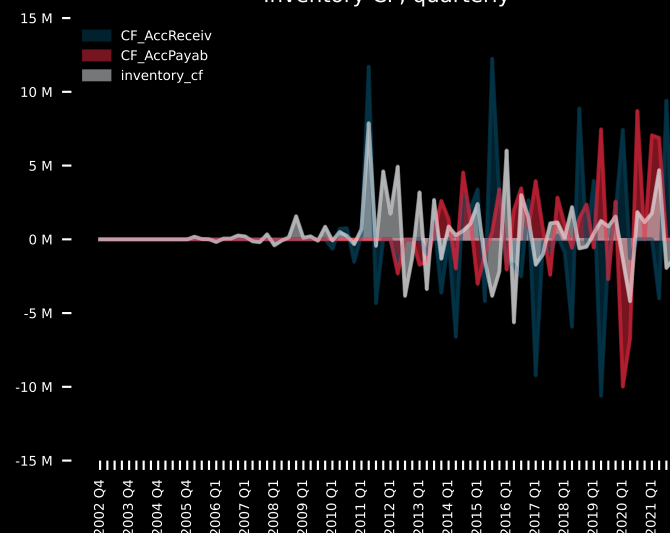
Price vs shares outstanding, quarterly



Owners Earnings, annually

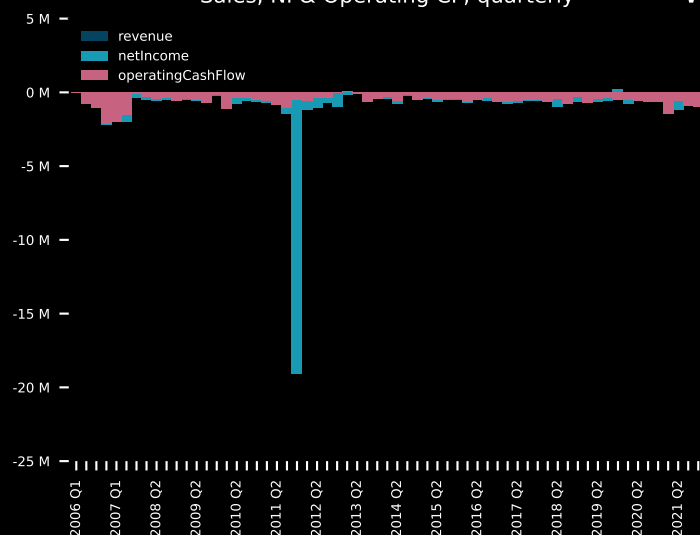


Inventory CF, quarterly

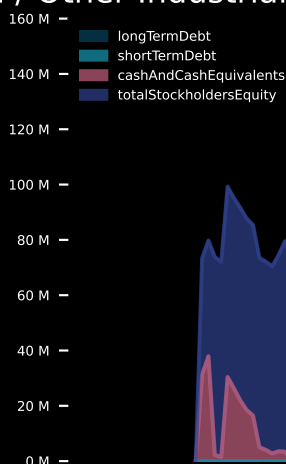


Sierra Metals Inc., together with its subsidiaries, focuses on the production, exploration, and development of precious and base metals in Peru and Mexico. It primarily focuses on exploration of silver, copper, lead, zinc, and gold deposits. The company's flagship property is the 81.84% owned polymetallic 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.

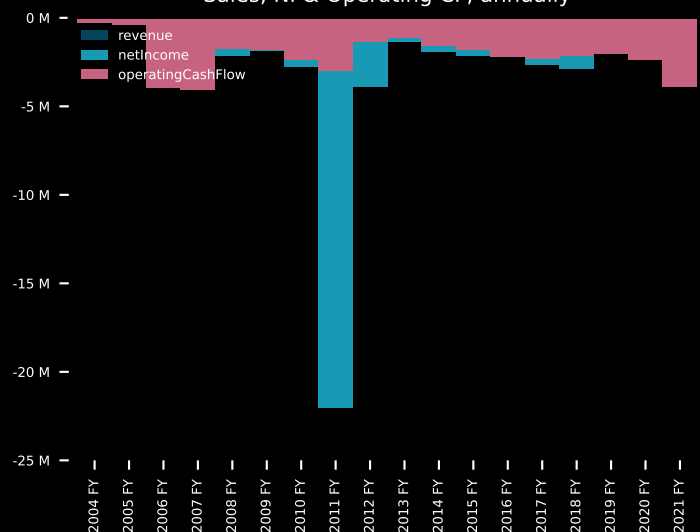
Sales, NI & Operating CF, quarterly



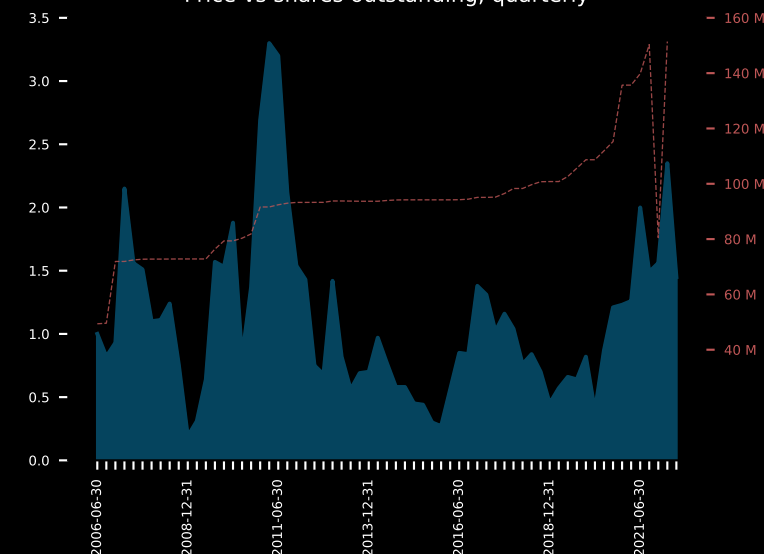
WRN / Other Industrial Metals & Mining / CA / 2022-06



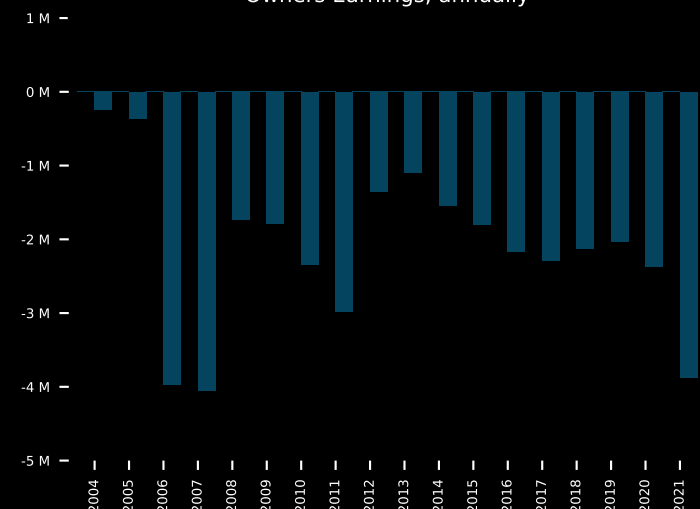
Sales, NI & Operating CF, annually



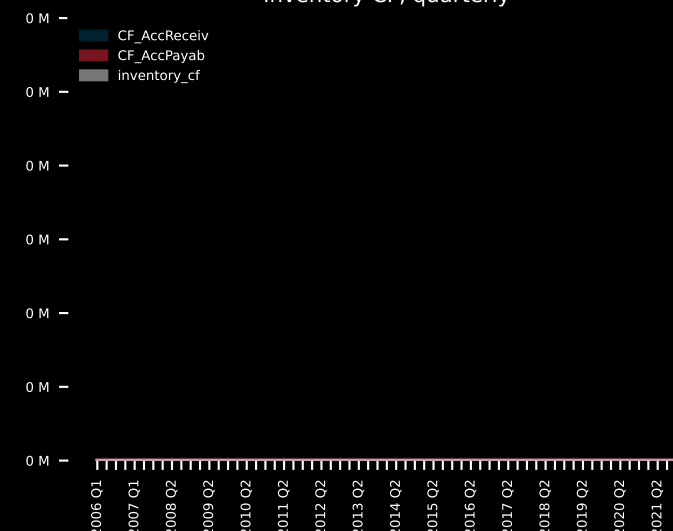
Price vs shares outstanding, quarterly



Owners Earnings, annually

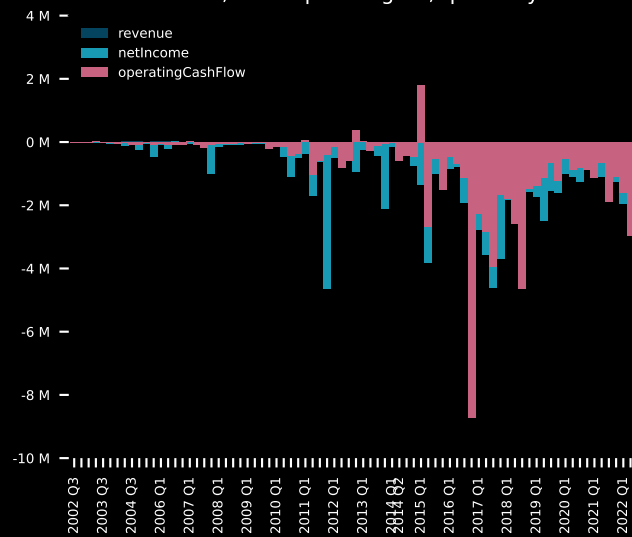


Inventory CF, quarterly

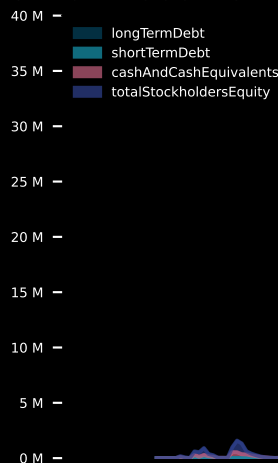


Western Copper and Gold Corporation, an exploration stage company, engages in the exploration and development of mineral properties in Canada. The company explores for gold, copper, silver, and molybdenum deposits. Its principal property is the Casino mineral property that comprise 1,136 full and partial 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.

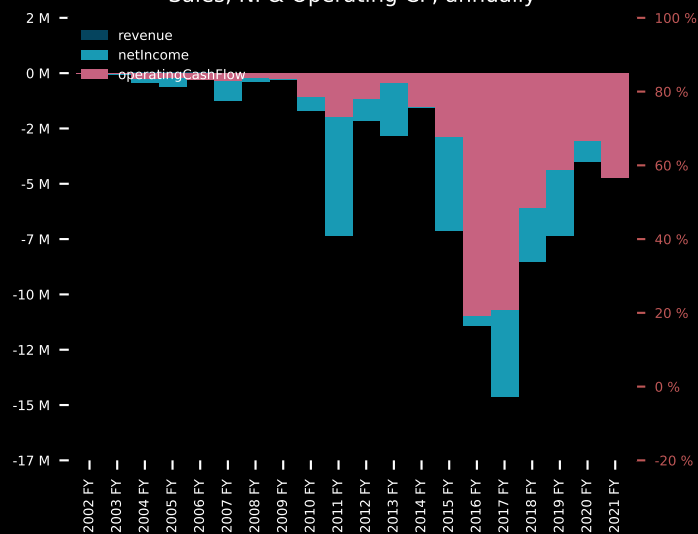
Sales, NI & Operating CF, quarterly



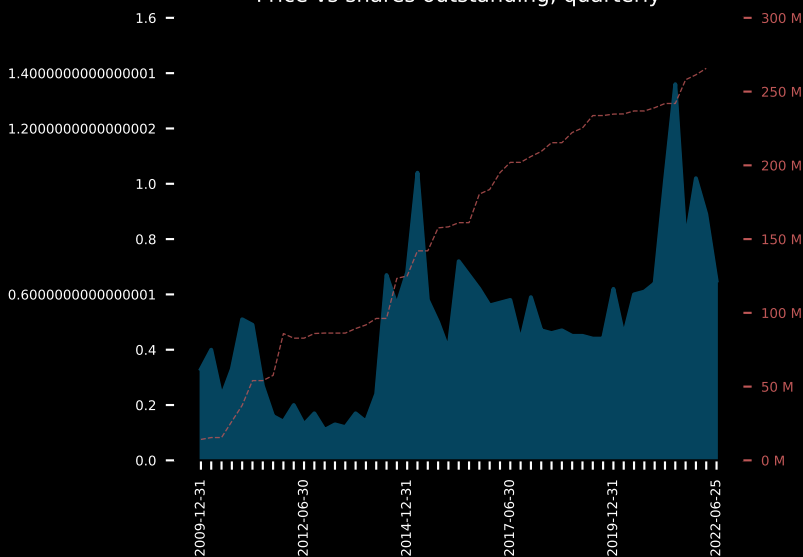
NIOBF / Other Industrial Metals & Mining / US / 2022-



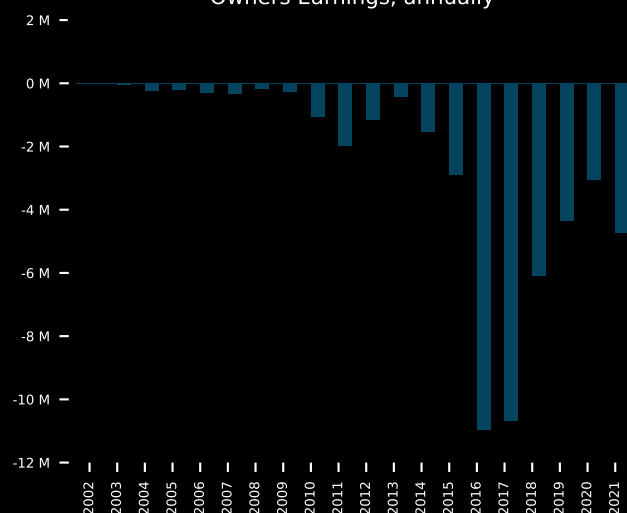
Sales, NI & Operating CF, annually



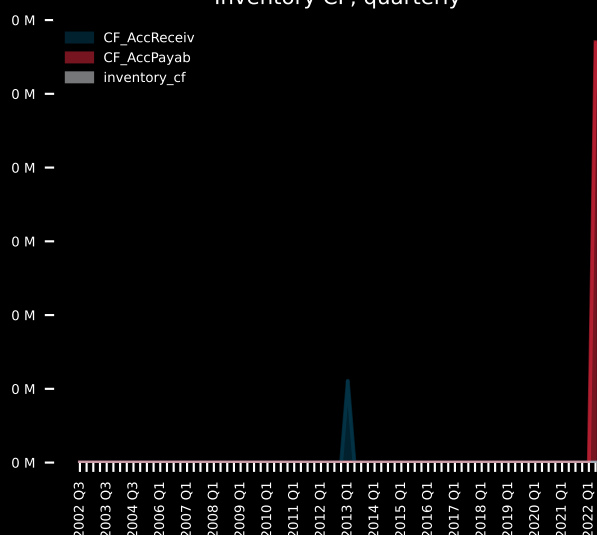
Price vs shares outstanding, quarterly



Owners Earnings, annually

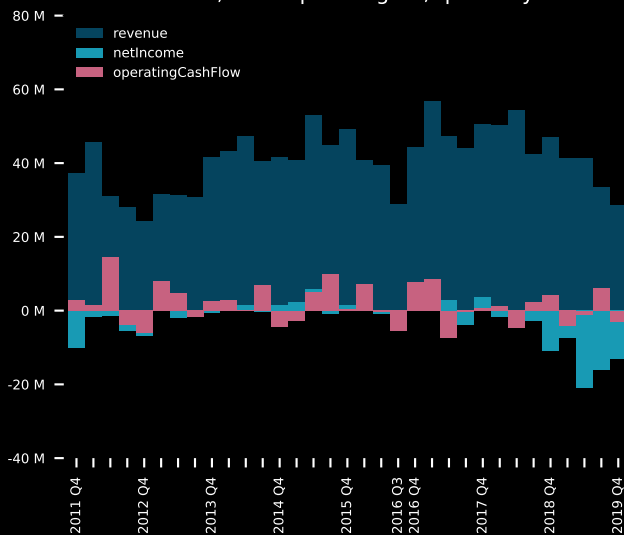


Inventory CF, quarterly

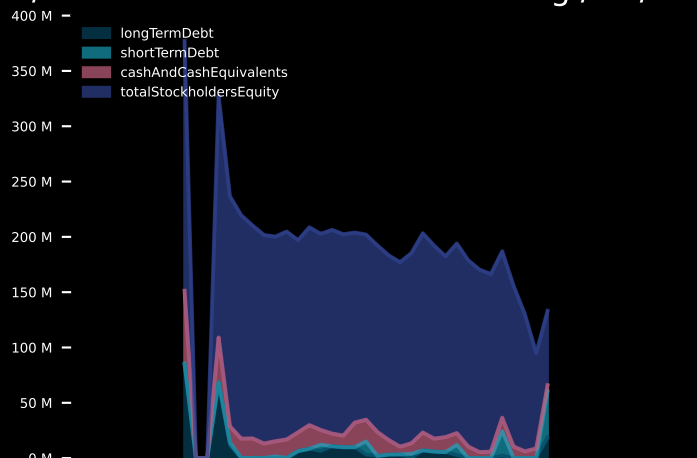


NioCorp Developments Ltd. explores for and develops mineral deposits in North America. It owns and develops the Elk Creek niobium/scandium/titanium project located in Southeastern Nebraska. The company was formerly known as Quantum Rare Earth Developments Corp. and changed its name to NioCorp Developments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

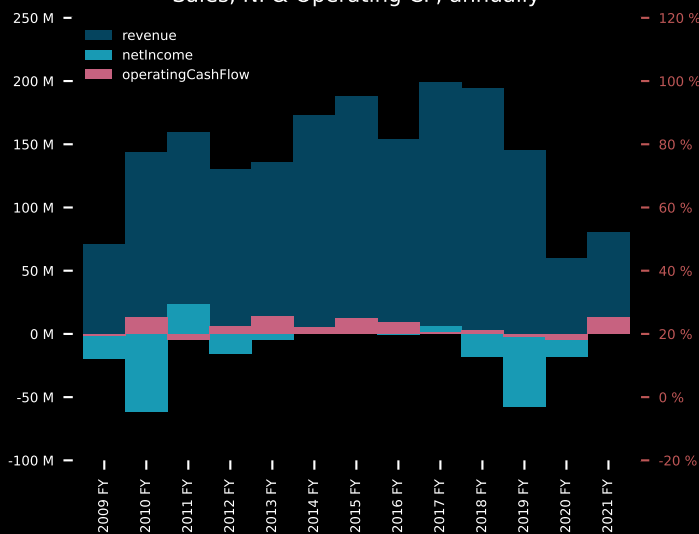
Sales, NI & Operating CF, quarterly



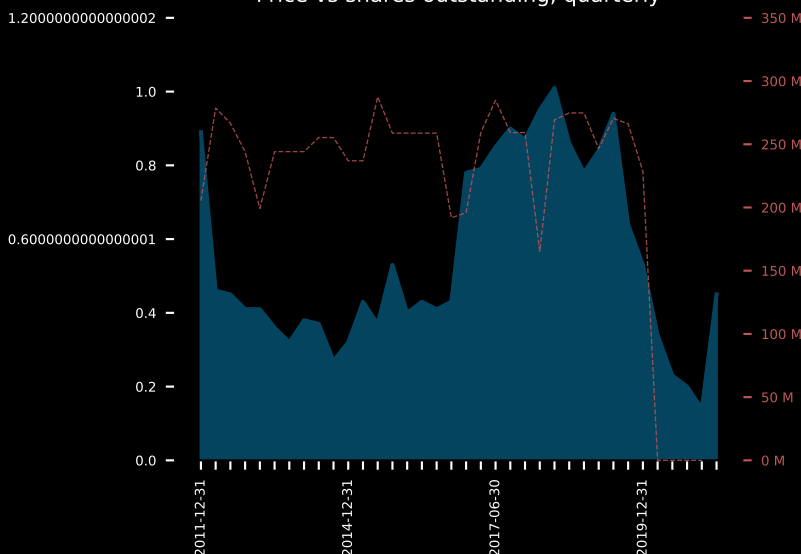
AFAGR.HE / Other Industrial Metals & Mining / FI / 2021



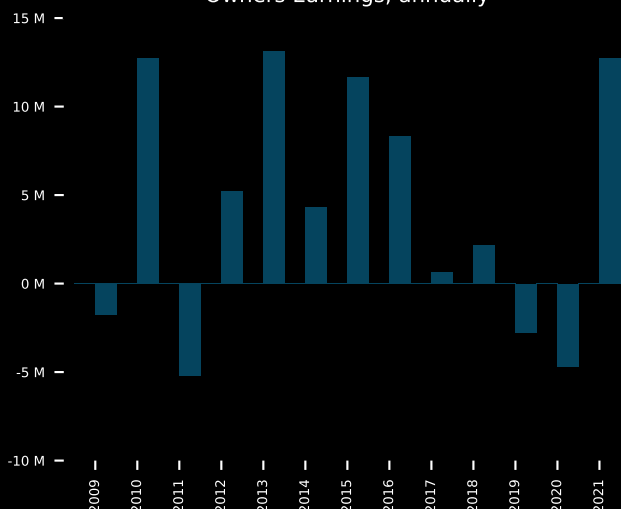
Sales, NI & Operating CF, annually



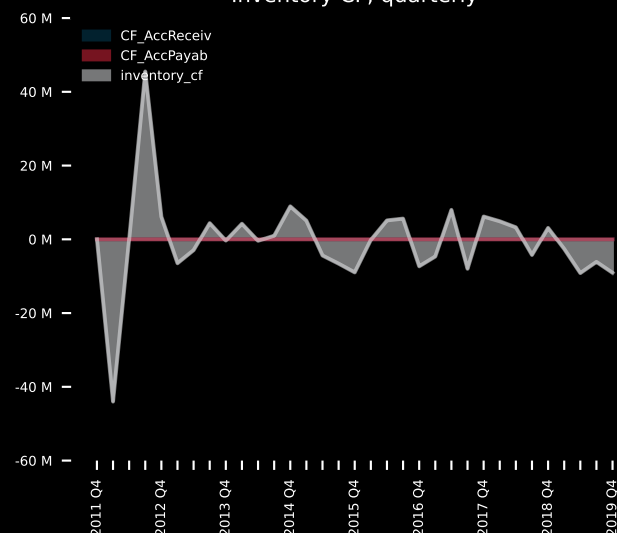
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

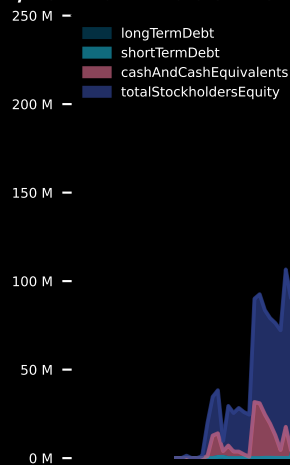


Afarak Group Oyj engages in the production and supply of chrome products worldwide. It operates through two segments, FerroAlloys and Speciality Alloys. The Ferro Alloys segment produces high carbon FeCr, plasma ferrochrome, charge ferrochrome, stainless steel alloy, and granulated MC ferrochrome. The 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.

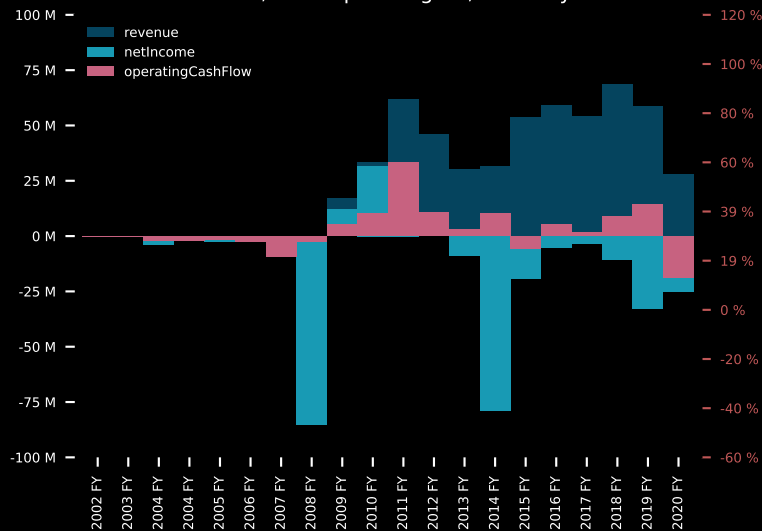
Sales, NI & Operating CF, quarterly



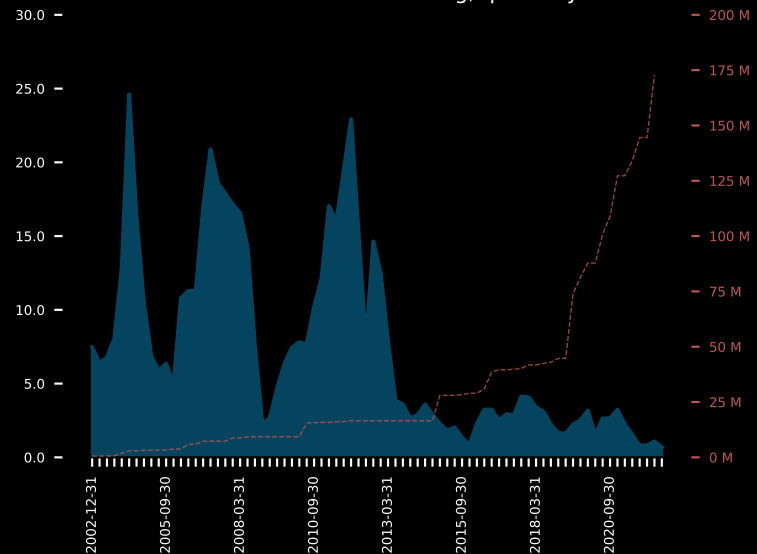
USAS / Other Industrial Metals & Mining / CA / 2022-06



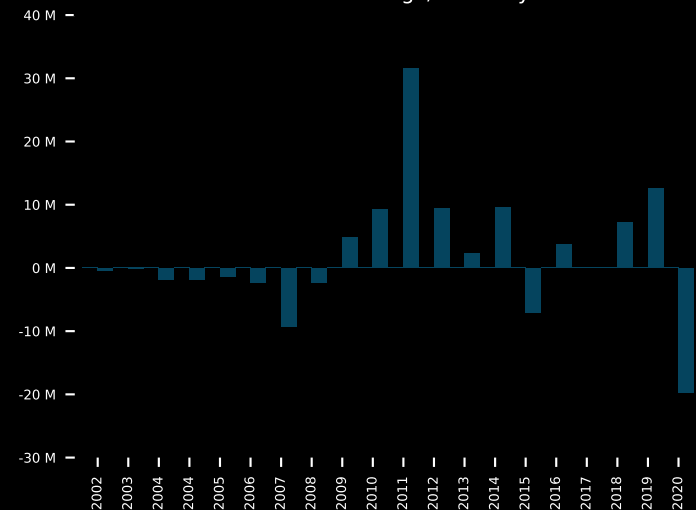
Sales, NI & Operating CF, annually



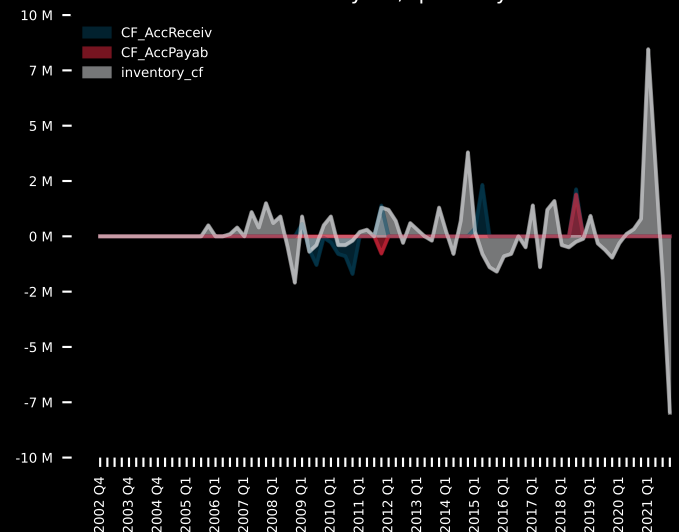
Price vs shares outstanding, quarterly



Owners Earnings, annually

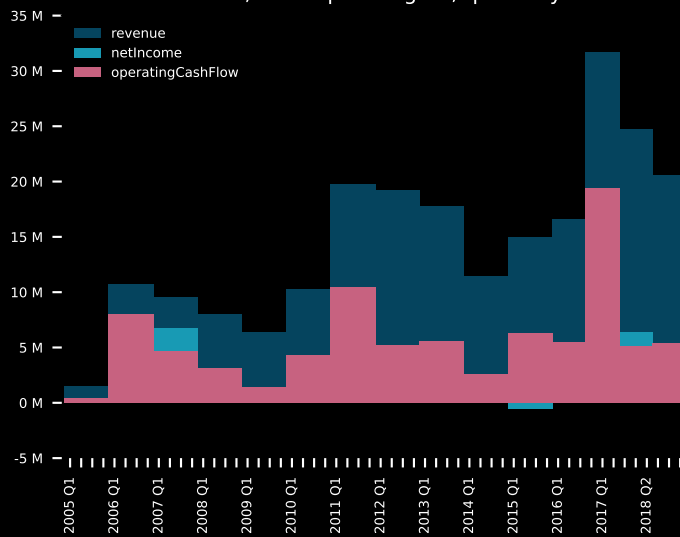


Inventory CF, quarterly

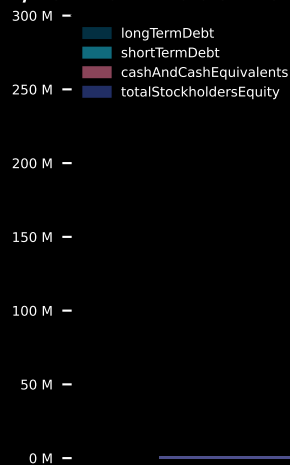


Americas Gold and Silver Corporation engages in the acquisition, exploration, development, and operation of mineral properties in North America. It explores for silver, lead, zinc, copper, and gold deposits. The company holds 100% interests in the Cosalá Operations consisting of 67 mining concessions 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.

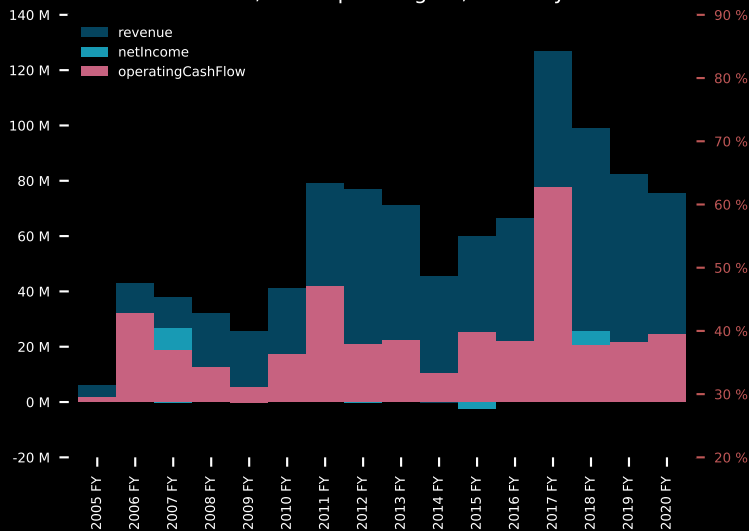
Sales, NI & Operating CF, quarterly



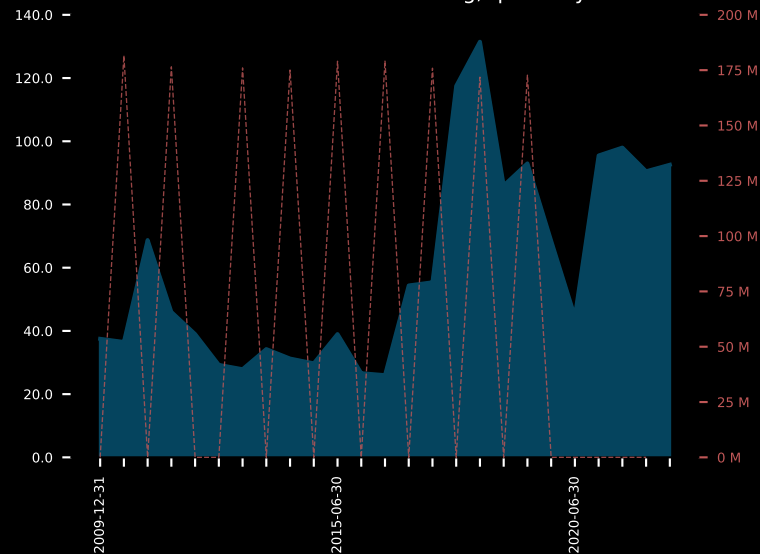
GFM.L / Other Industrial Metals & Mining / GB / 2022-0



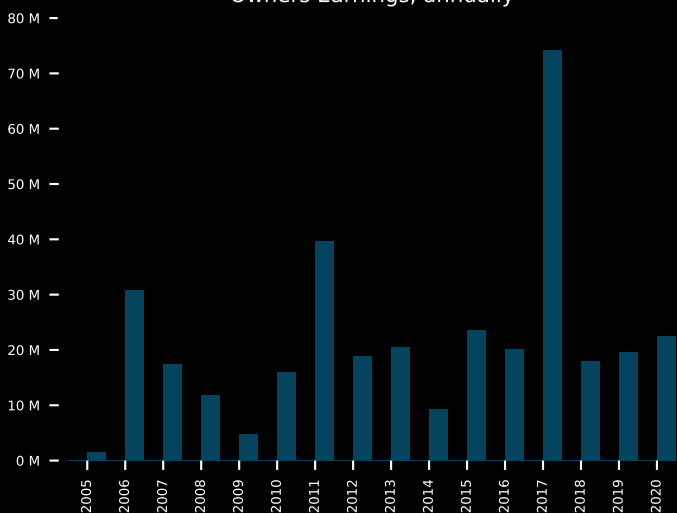
Sales, NI & Operating CF, annually



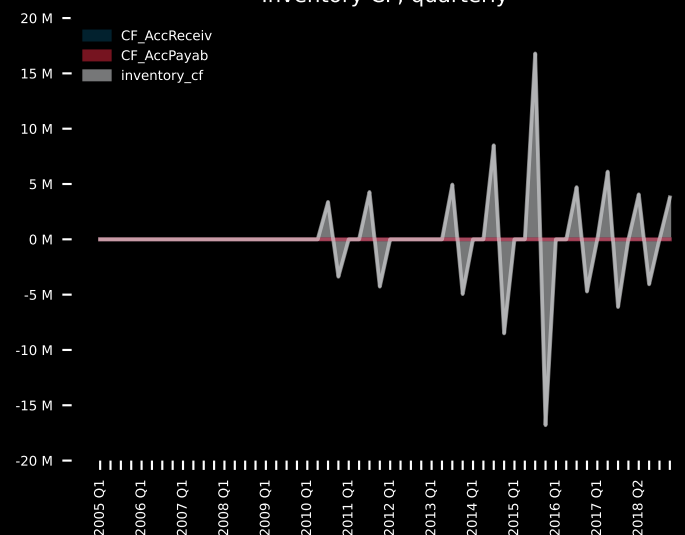
Price vs shares outstanding, quarterly



Owners Earnings, annually

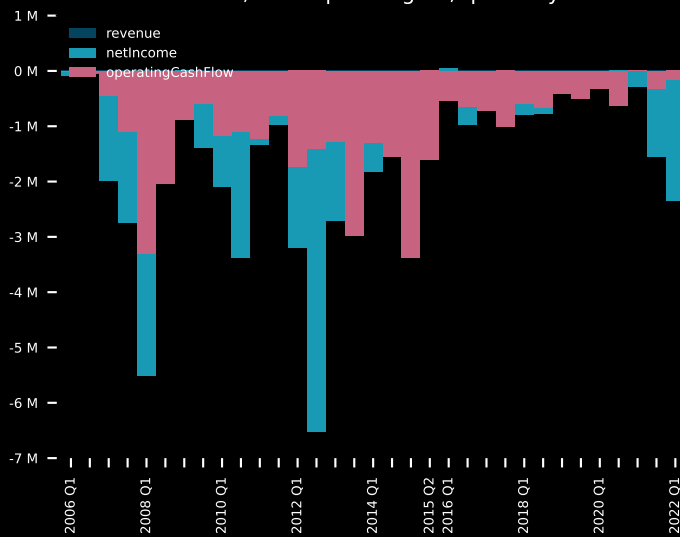


Inventory CF, quarterly

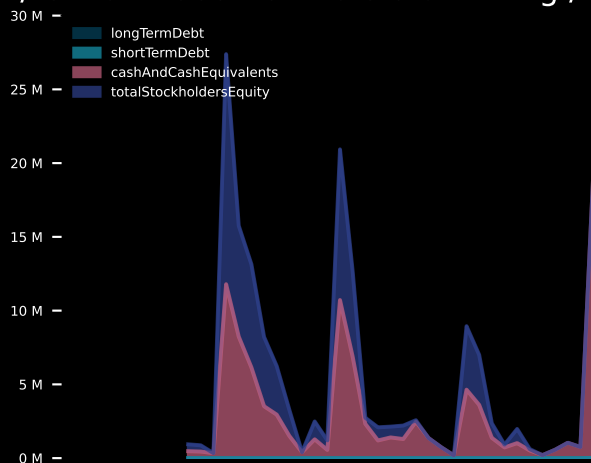


Griffin Mining Limited, a mining and investment company, engages in the mining, exploration, and development of mineral properties. The company primarily explores for zinc, gold, silver, lead, and base and precious metal deposits. Its principal property is the Caijiaying mine located in Hebei Province, 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.

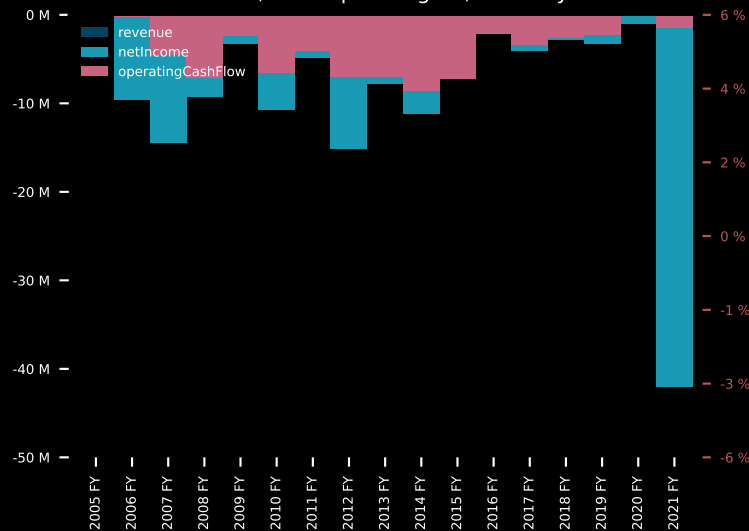
Sales, NI & Operating CF, quarterly



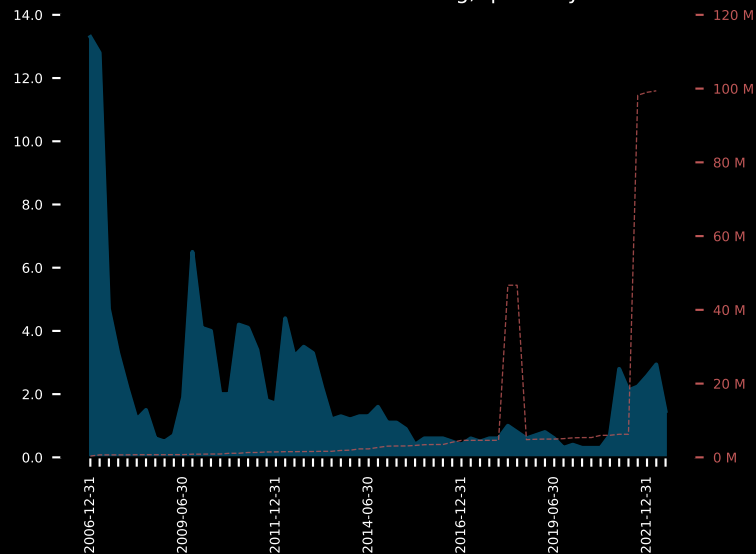
NSRCF / Other Industrial Metals & Mining / CA / 2022-0



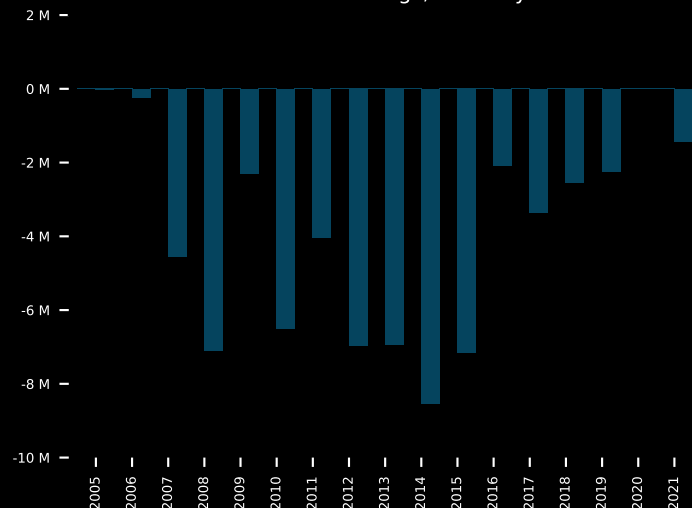
Sales, NI & Operating CF, annually



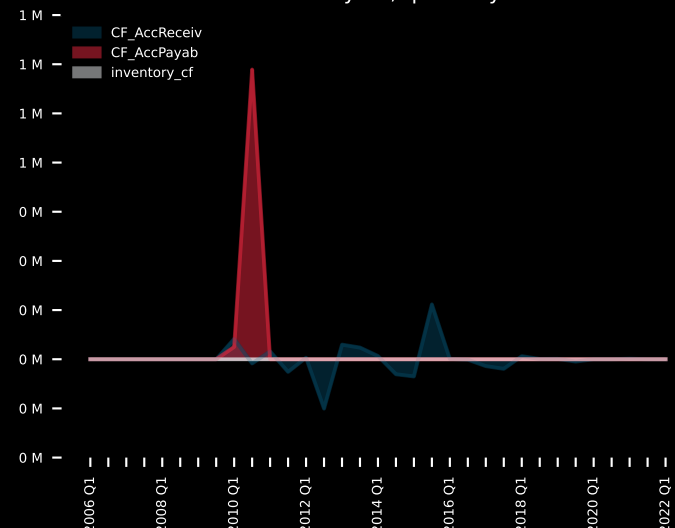
Price vs shares outstanding, quarterly



Owners Earnings, annually

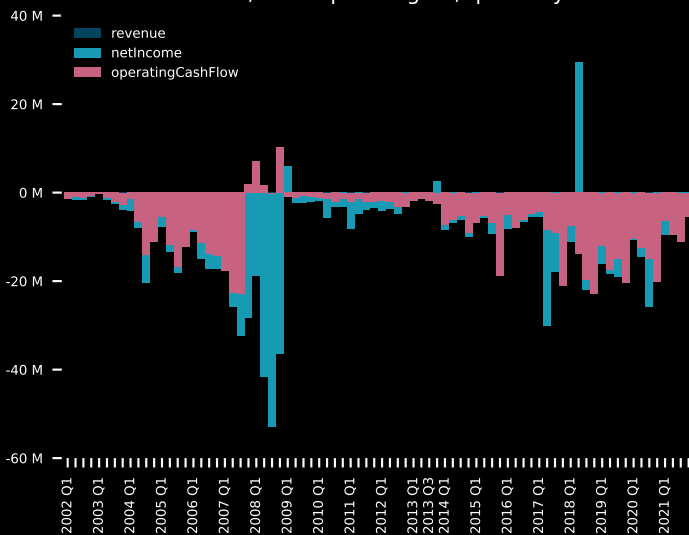


Inventory CF, quarterly

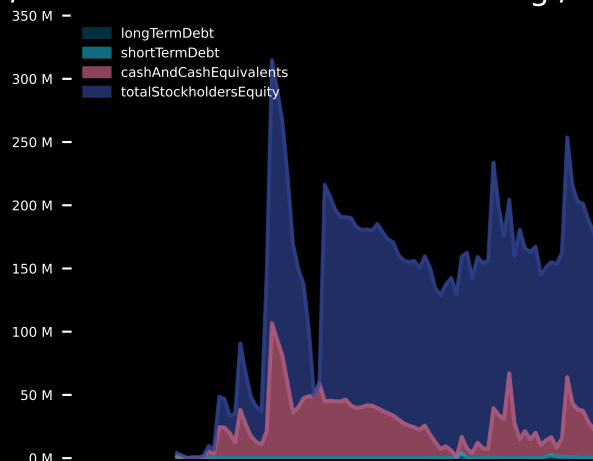


NextSource Materials Inc. acquires, explores for, and develops mineral properties in Madagascar and Canada. The company primarily explores for graphite and vanadium deposits. Its principal mineral property is the Molo graphite mine that includes 2,119 permits covering an area of 827.7 square kilometers located in Southern Madagascar Region, Madagascar. The company was formerly known as Energizer Resources Inc. and changed its name to NextSource Materials Inc. in April 2017. NextSource Materials Inc. was founded in 2004 and is headquartered in Toronto, Canada.

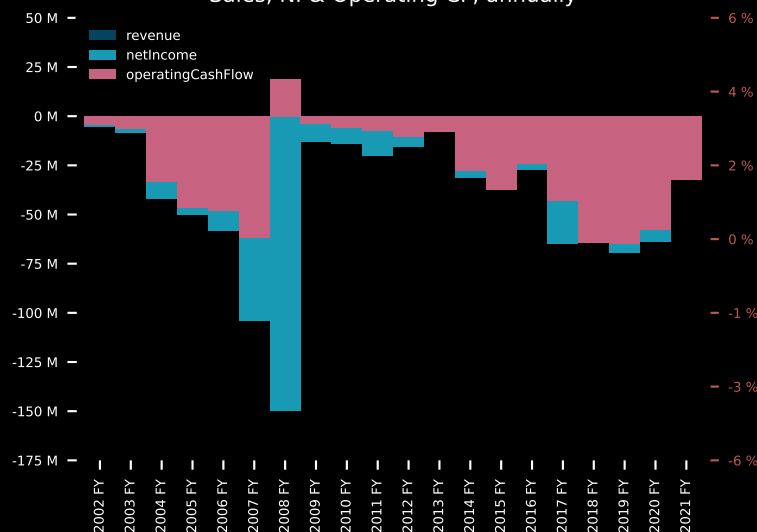
Sales, NI & Operating CF, quarterly



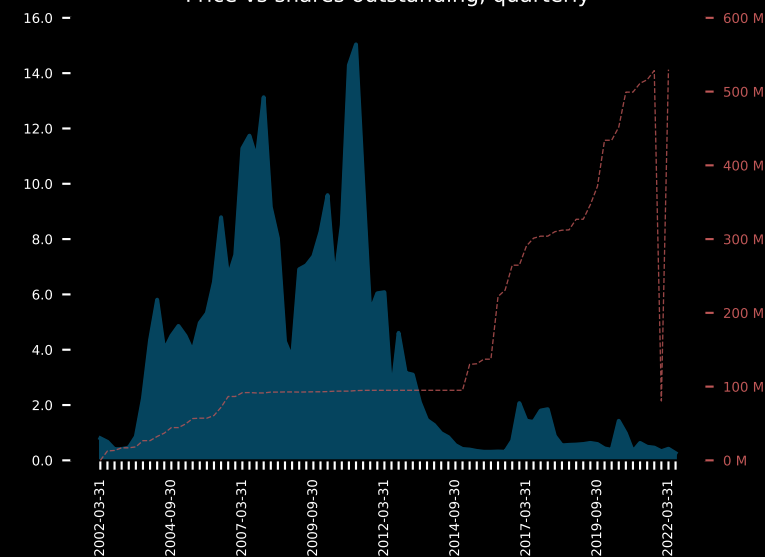
NAK / Other Industrial Metals & Mining / CA / 2022-06



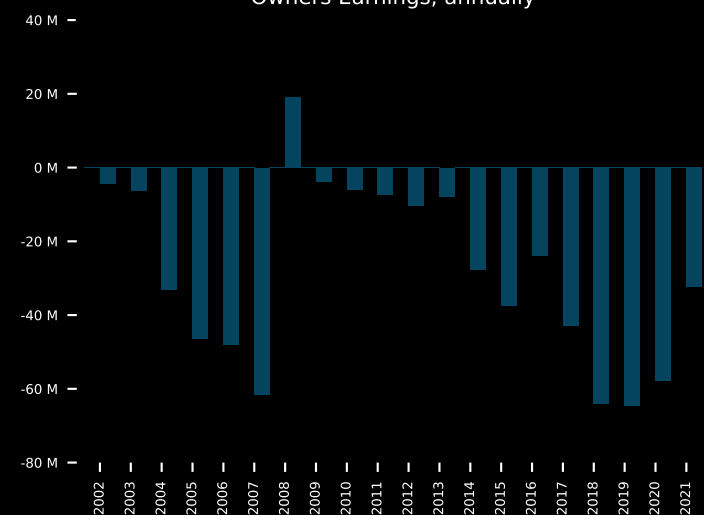
Sales, NI & Operating CF, annually



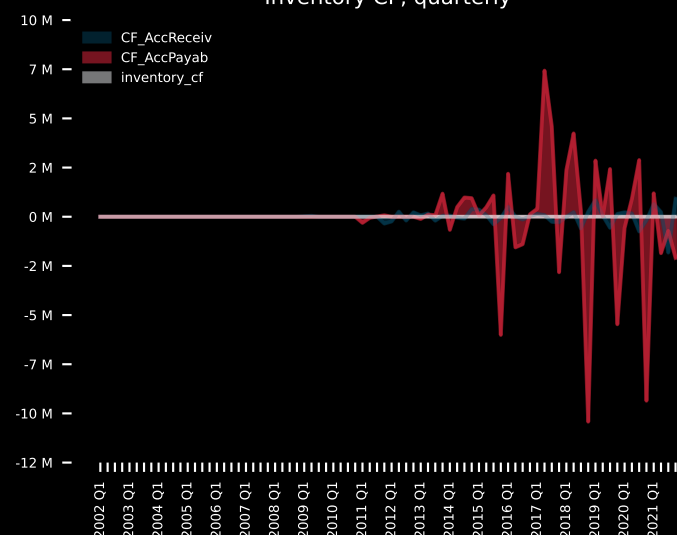
Price vs shares outstanding, quarterly



Owners Earnings, annually

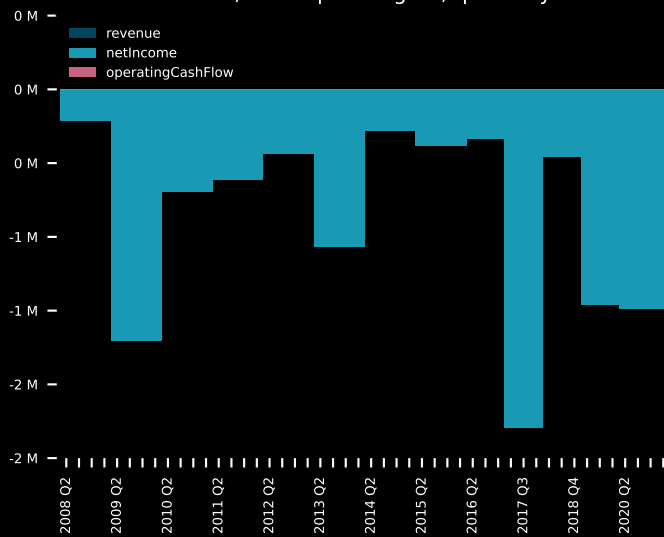


Inventory CF, quarterly

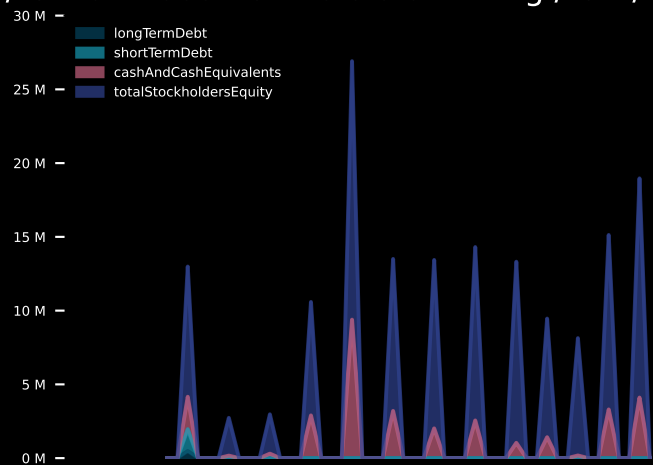


Northern Dynasty Minerals Ltd. engages in the exploration of mineral properties in the United States. Its principal mineral property is the Pebble Copper-Gold-Molybdenum-Silver-Rhenium project comprising 1,840 mineral claims that covers an area of approximately 274 square miles located in southwest Alaska, 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.

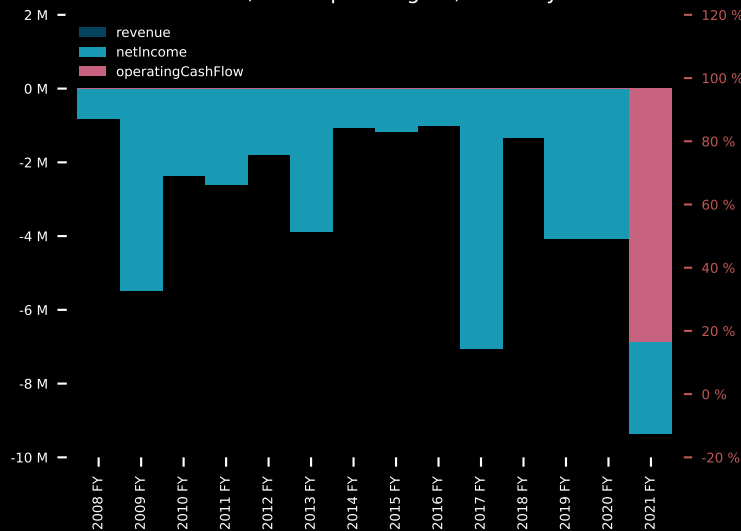
Sales, NI & Operating CF, quarterly



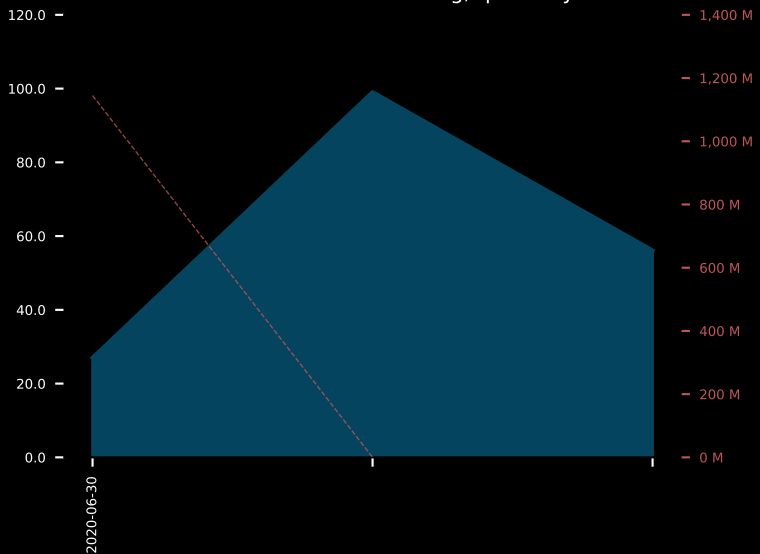
PRE.L / Other Industrial Metals & Mining / GB / 2022-06-30



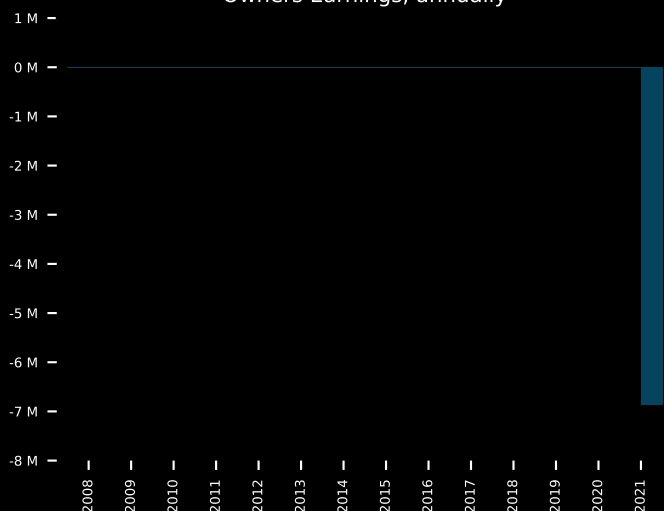
Sales, NI & Operating CF, annually



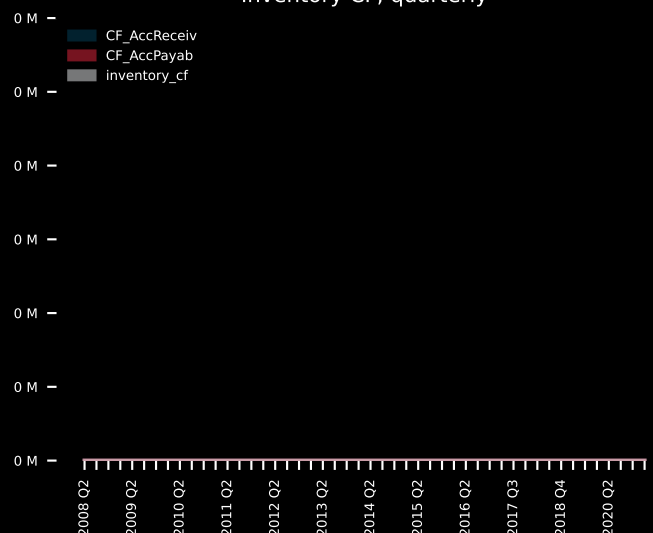
Price vs shares outstanding, quarterly



Owners Earnings, annually

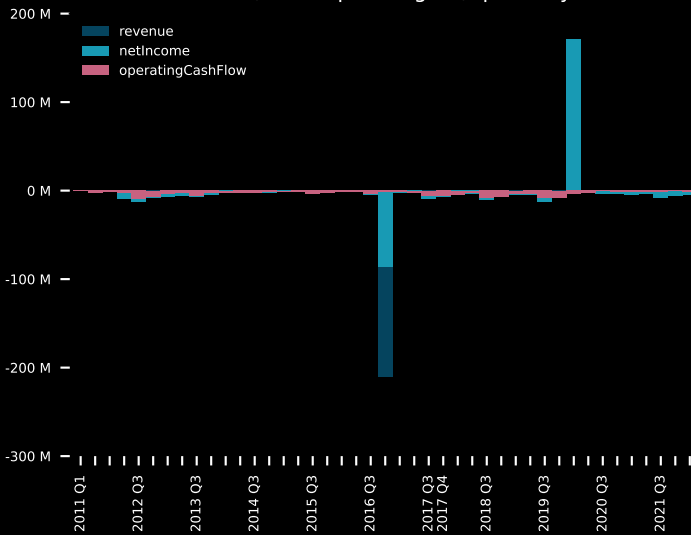


Inventory CF, quarterly

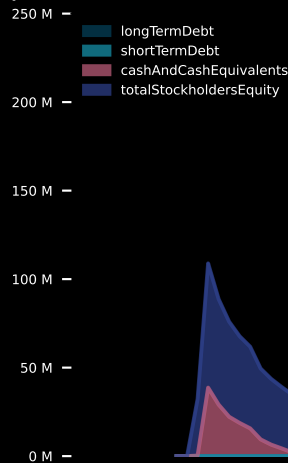


Pensana Plc engages in the exploration and development of mineral properties in Angola. The company primarily explores for neodymium and praseodymium (NdPr) deposits. Its flagship assets are the Saltend rare earth refinery project located in the United Kingdom and the Longonjo NdPr project located in Angola. The company was formerly known as Pensana Rare Earths Plc and changed its name to Pensana Plc in February 2021. Pensana Plc was incorporated in 2006 and is based in London, the United Kingdom.

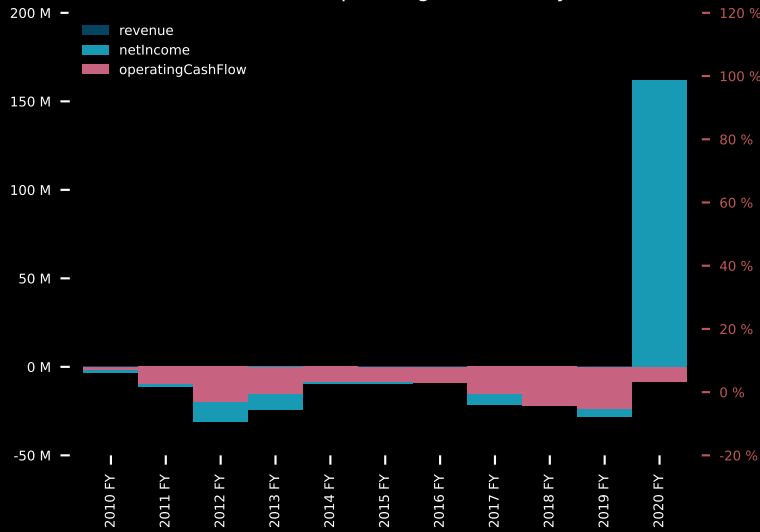
Sales, NI & Operating CF, quarterly



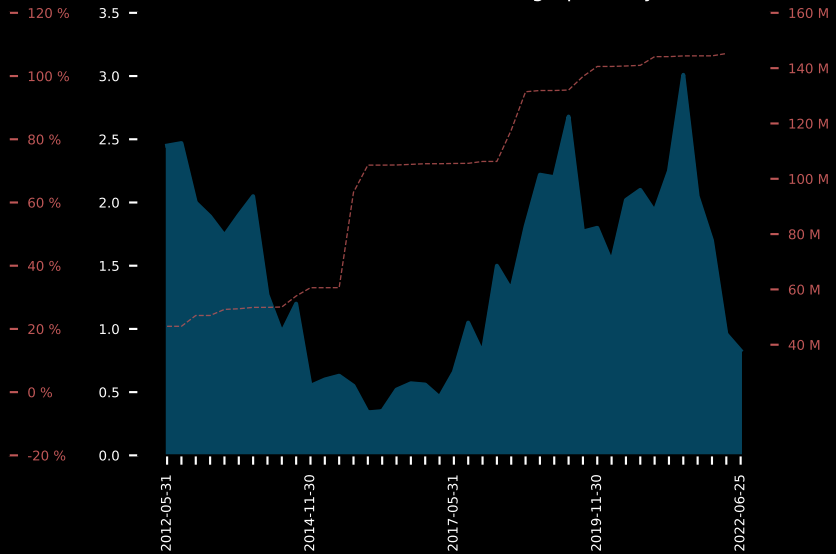
TMQ / Other Industrial Metals & Mining / CA / 2022-06



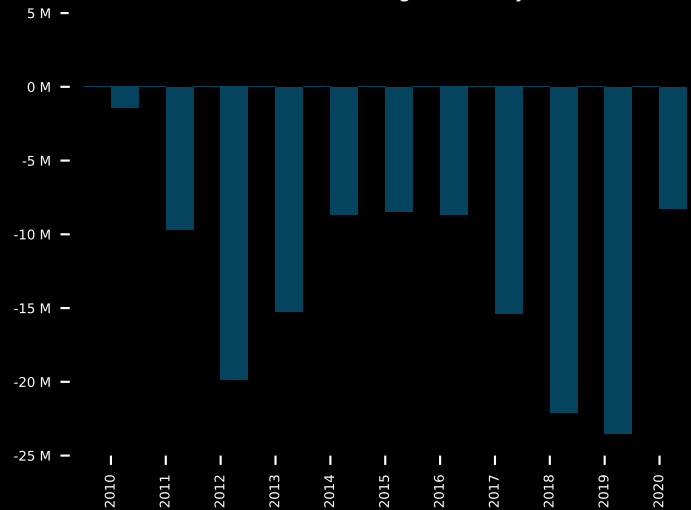
Sales, NI & Operating CF, annually



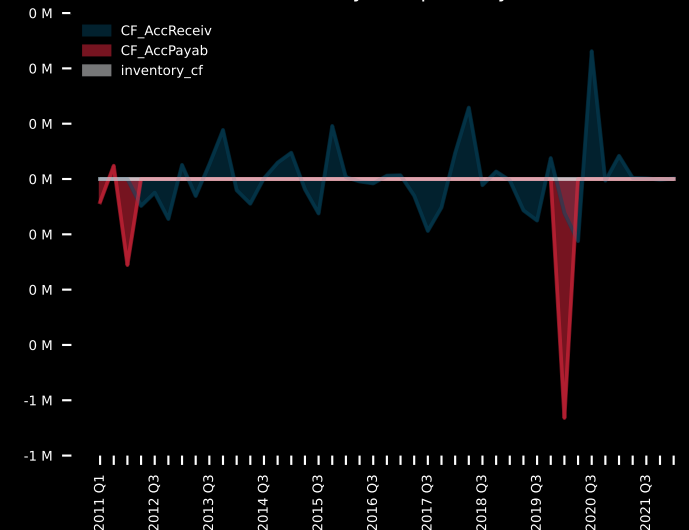
Price vs shares outstanding, quarterly



Owners Earnings, annually

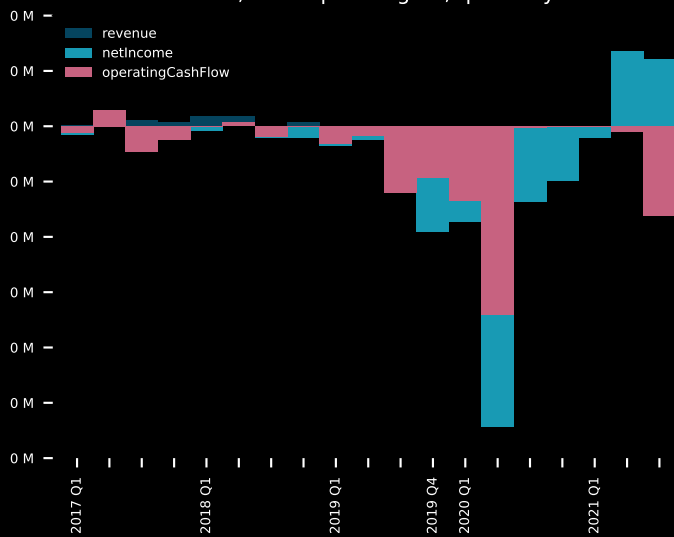


Inventory CF, quarterly

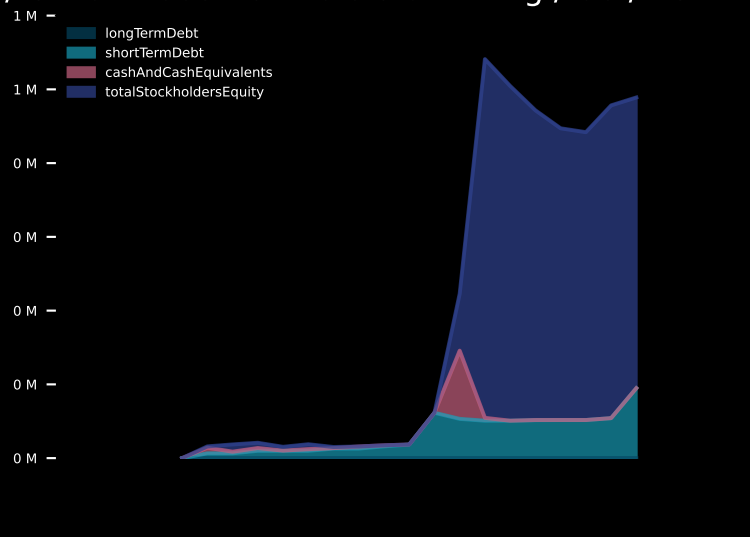


Trilogy Metals Inc., a base metals exploration company, explores for and develops mineral properties in the United States. It principally holds interests in the Upper Kobuk mineral projects that include the Arctic, which contains polymetallic volcanogenic massive sulfide deposits; and Bornite that contains 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.

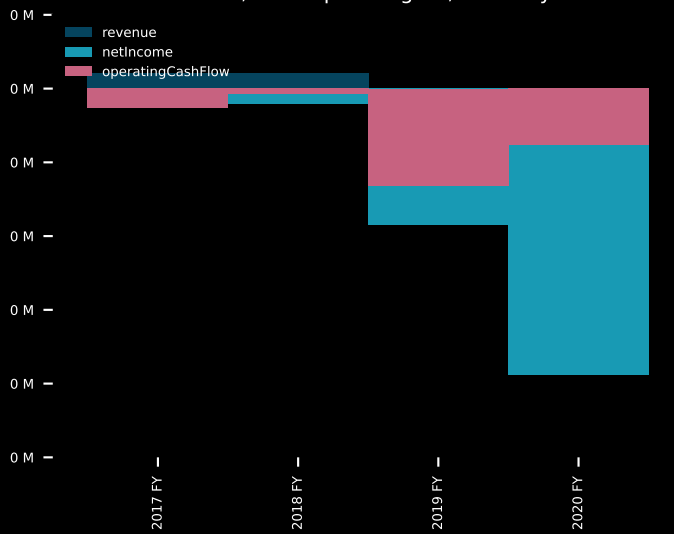
Sales, NI & Operating CF, quarterly



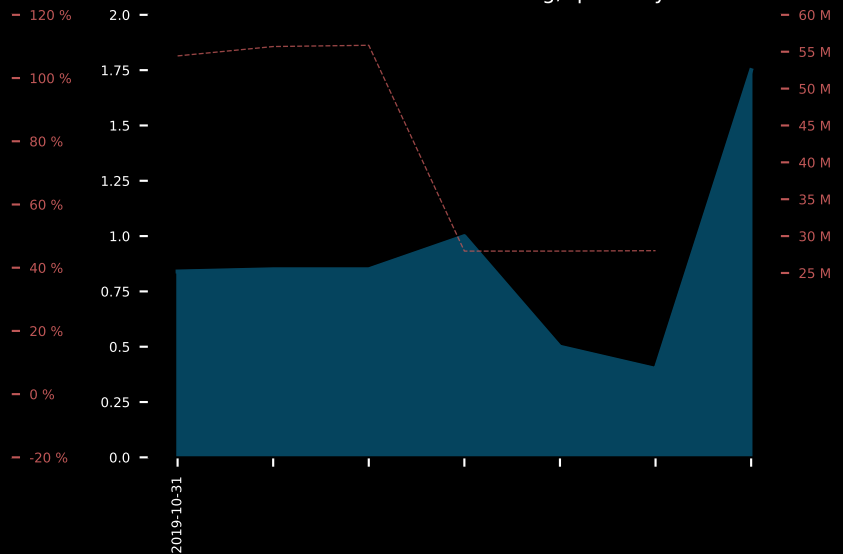
VENV / Other Industrial Metals & Mining / US / 2022-01-01



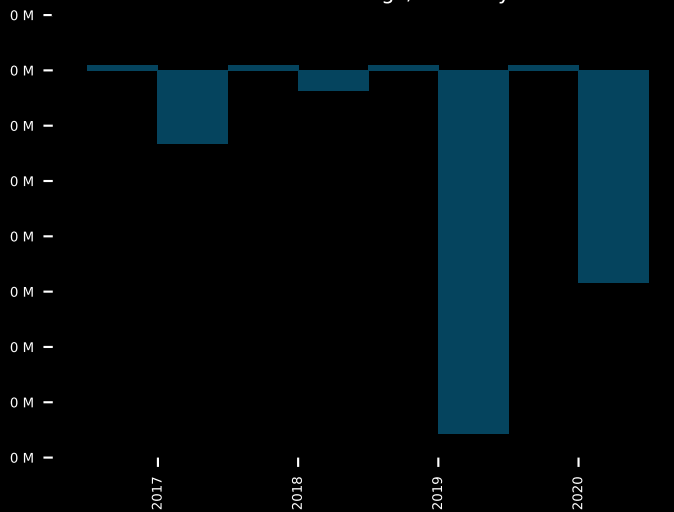
Sales, NI & Operating CF, annually



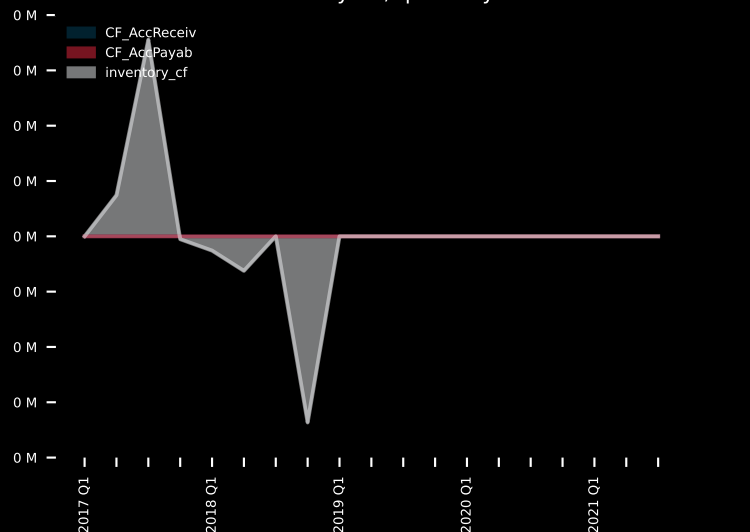
Price vs shares outstanding, quarterly



Owners Earnings, annually

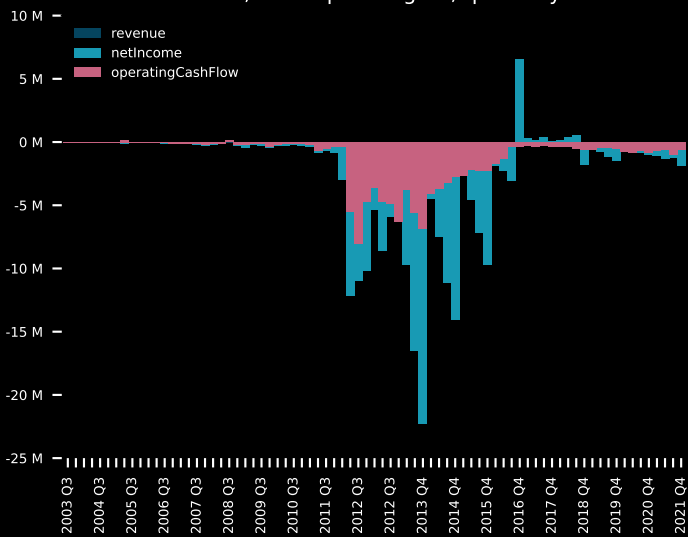


Inventory CF, quarterly

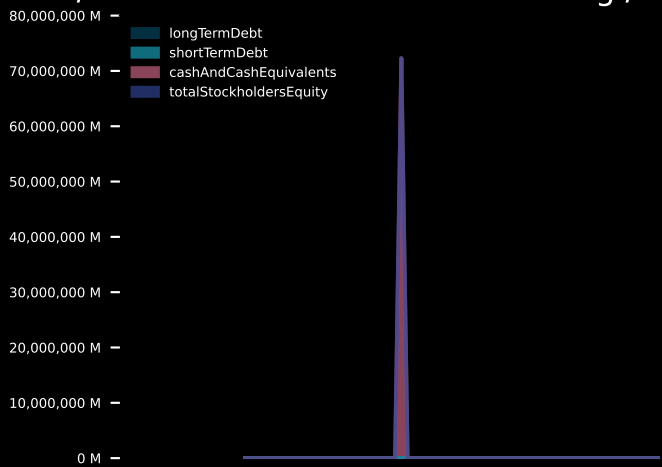


Venture Vanadium Inc. focuses on the evaluation and development of vanadium and rare earth metal exploration properties. Its primary project is the Desgrosbois vanadium-titanium property that consists of 30 mineral claims covering an area of 1,789.80 hectares located in Quebec, Canada. The company was formerly known as Aura Energy Inc. and changed its name to Venture Vanadium Inc. in February 2019. Venture Vanadium Inc. was founded in 2016 and is based in Pittsburgh, Pennsylvania.

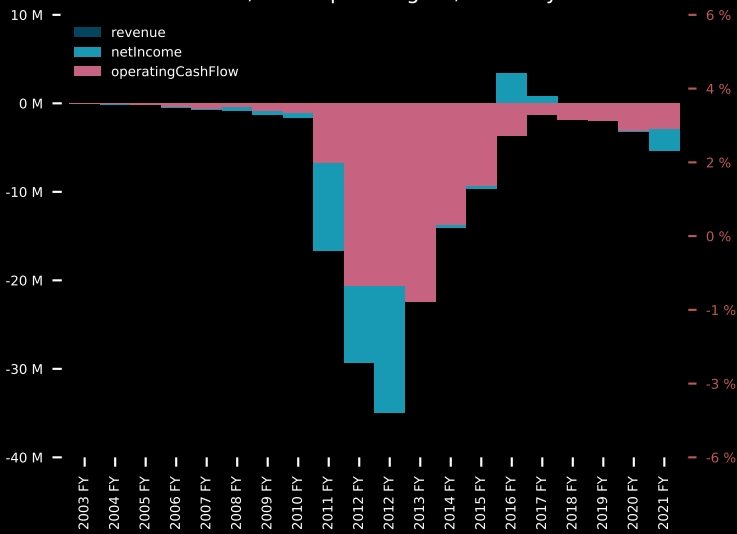
Sales, NI & Operating CF, quarterly



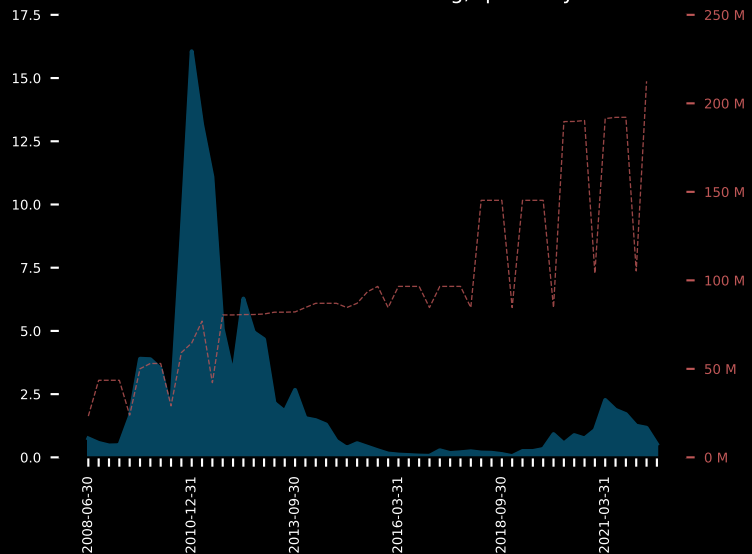
REEMF / Other Industrial Metals & Mining / US / 2022-0



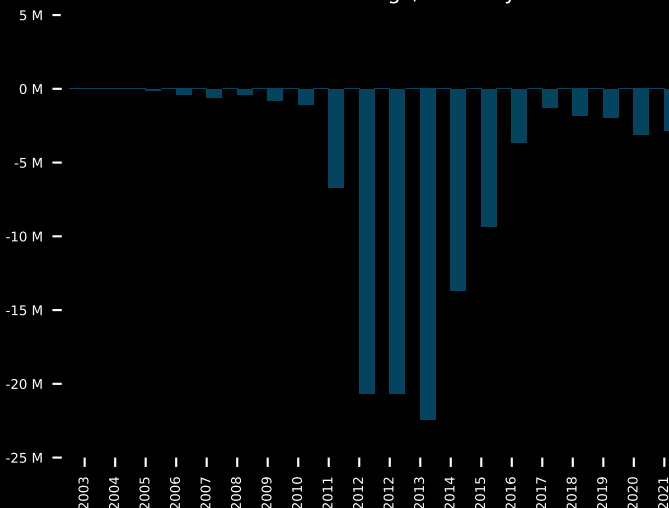
Sales, NI & Operating CF, annually



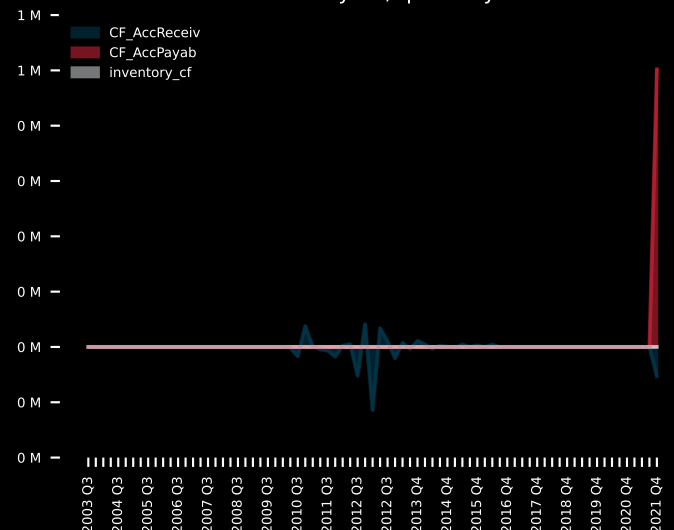
Price vs shares outstanding, quarterly



Owners Earnings, annually

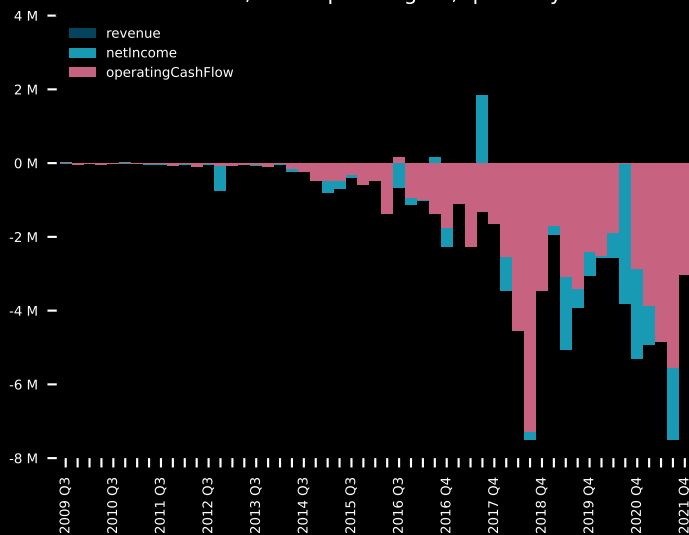


Inventory CF, quarterly

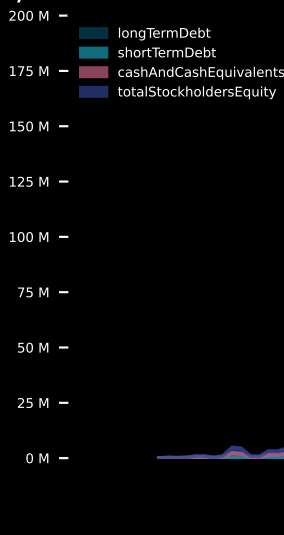


Rare Element Resources Ltd. engages in the exploration of mineral properties in the United States. It holds a 100% interest in the Bear Lodge property that comprises the Bear Lodge REE project and the Sundance Gold project located in central Crook County, northeast Wyoming. The company is headquartered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

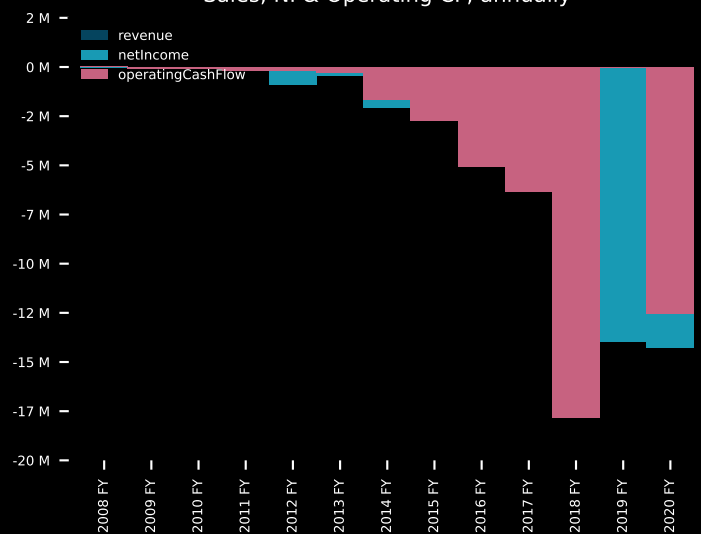
Sales, NI & Operating CF, quarterly



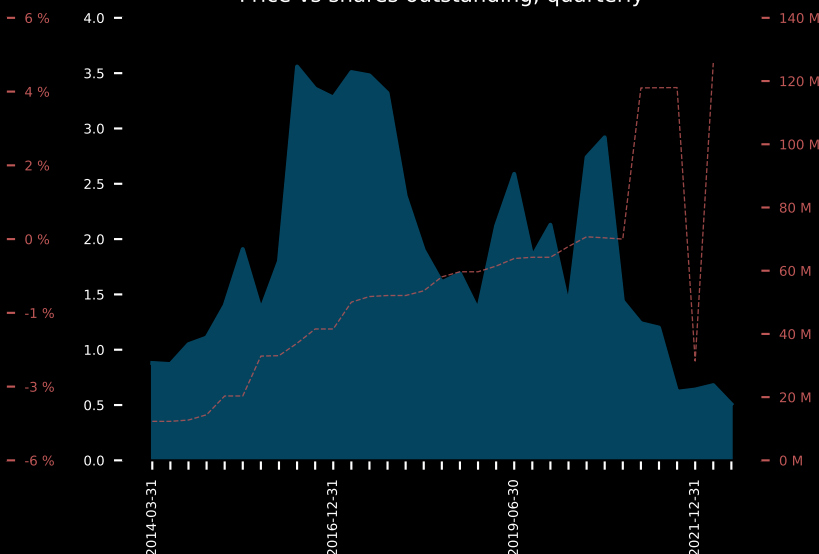
FURY / Other Industrial Metals & Mining / CA / 2022-06



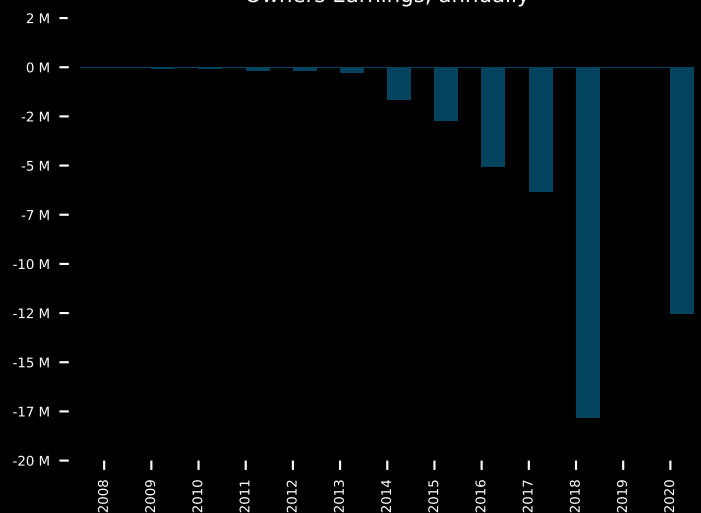
Sales, NI & Operating CF, annually



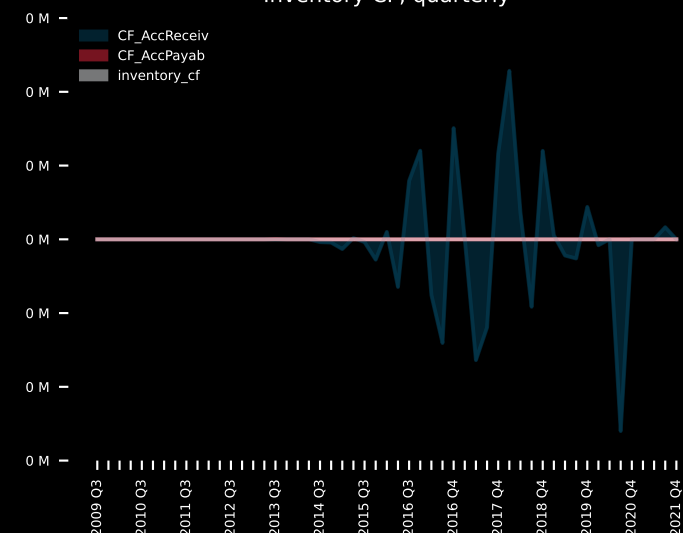
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

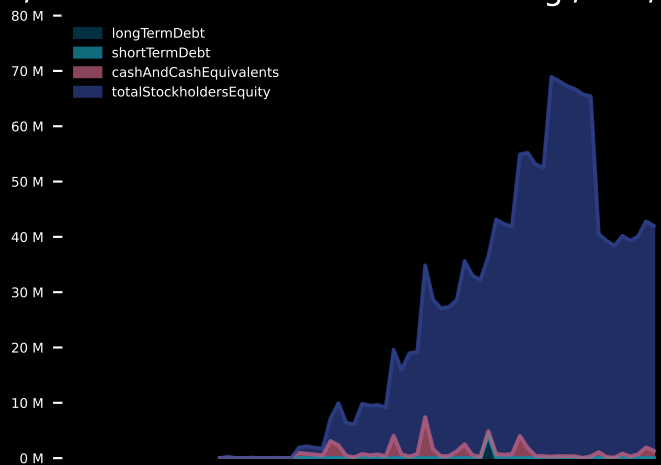


Fury Gold Mines Limited operates as an exploration and development company in Canada. It primarily explores for gold properties. The company's flagship properties include the Eau Claire project that consists of map-designated claims totaling approximately 23,000 hectares located in the Eeyou Istchee James Bay Region of Northern Quebec; and Committee Bay project, which comprise 57 crown leases and 190 mineral claims in six non-contiguous blocks totaling approximately 297,273 hectares situated in the Kitikmeot Region of Nunavut. It also explores for silver metals. The company was formerly known as Auryn Resources Inc. and changed its name to Fury Gold Mines Limited in October 2020. Fury Gold Mines Limited was incorporated in 2008 and is headquartered in Vancouver, Canada.

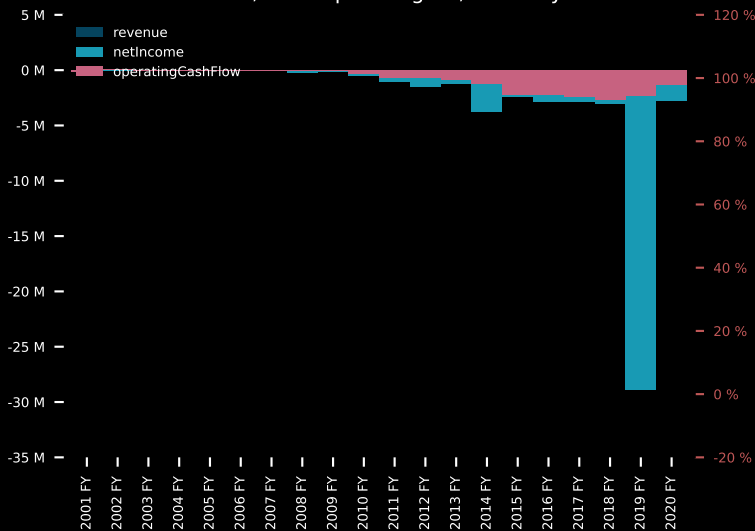
Sales, NI & Operating CF, quarterly



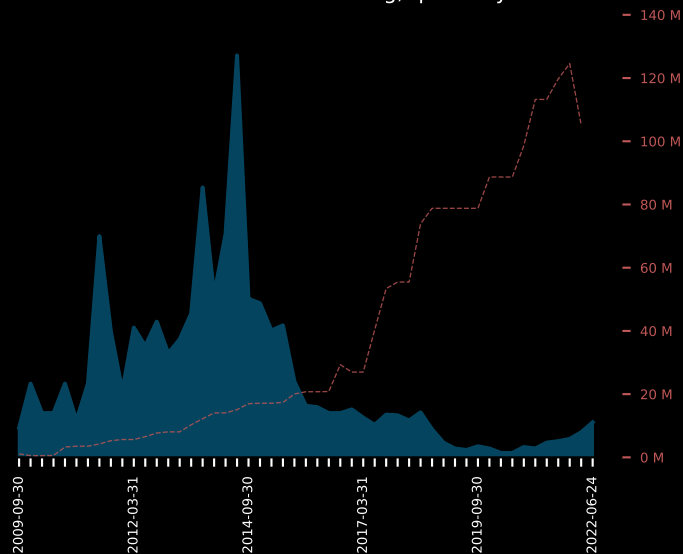
WSCRIF / Other Industrial Metals & Mining / CA / 2022-0



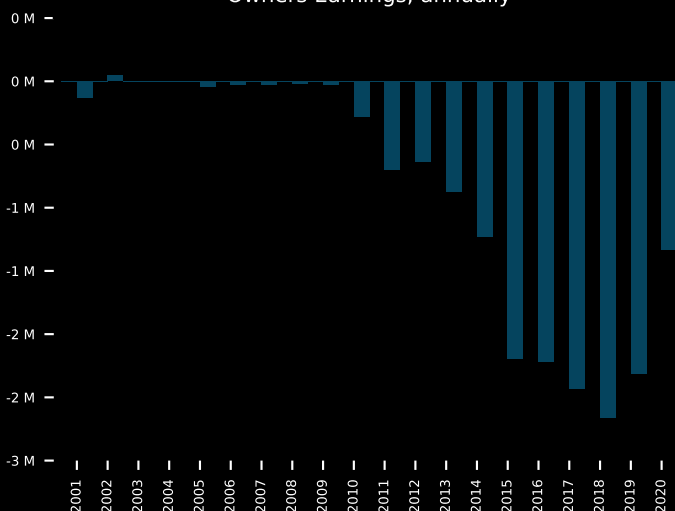
Sales, NI & Operating CF, annually



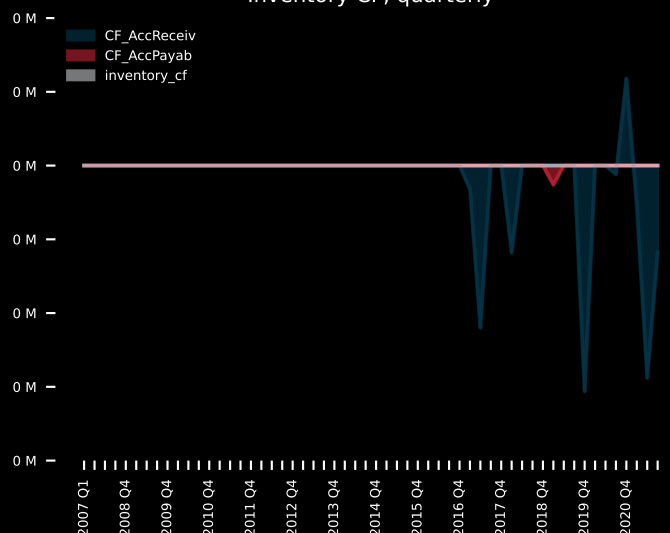
Price vs shares outstanding, quarterly



Owners Earnings, annually

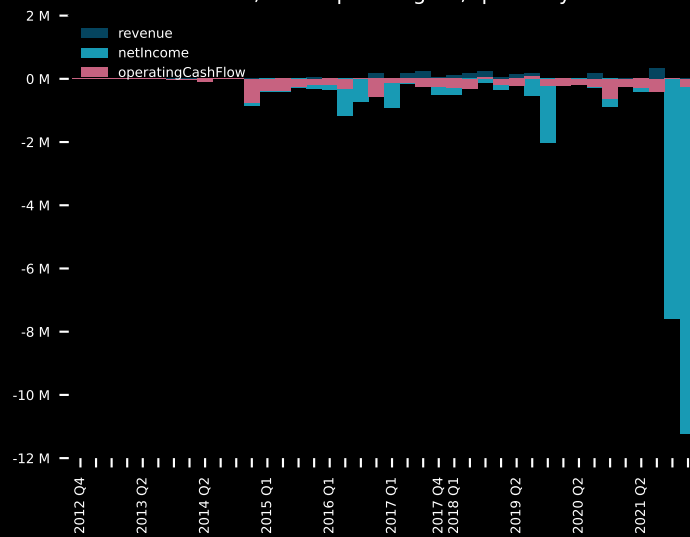


Inventory CF, quarterly



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.

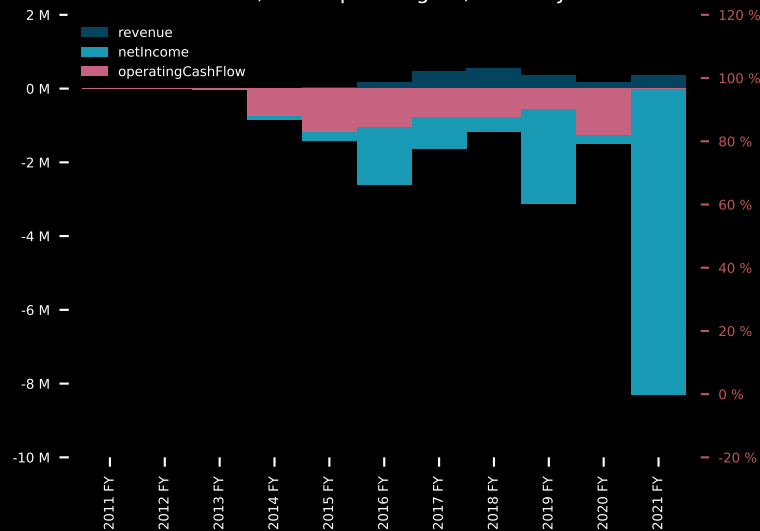
Sales, NI & Operating CF, quarterly



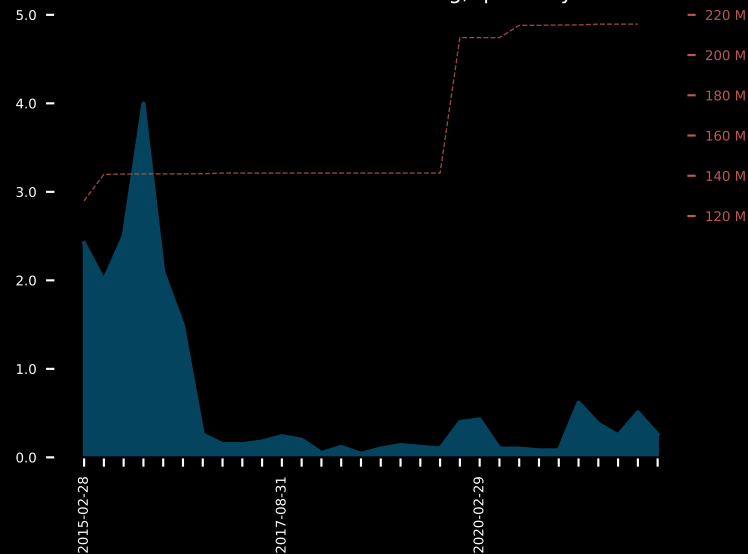
PUBC / Other Industrial Metals & Mining / US / 2022-06



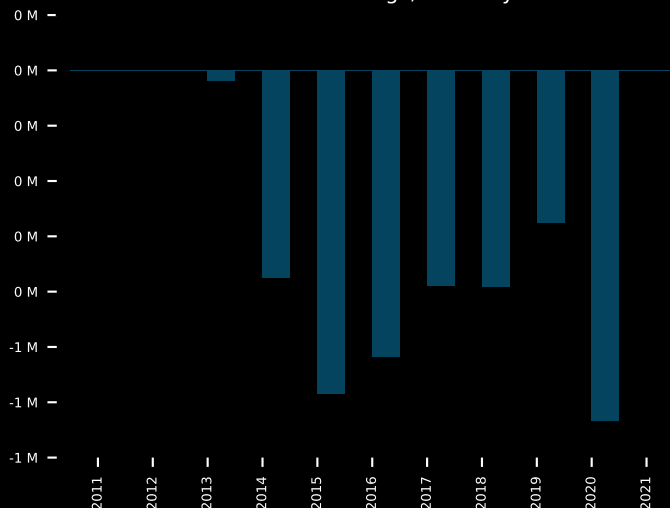
Sales, NI & Operating CF, annually



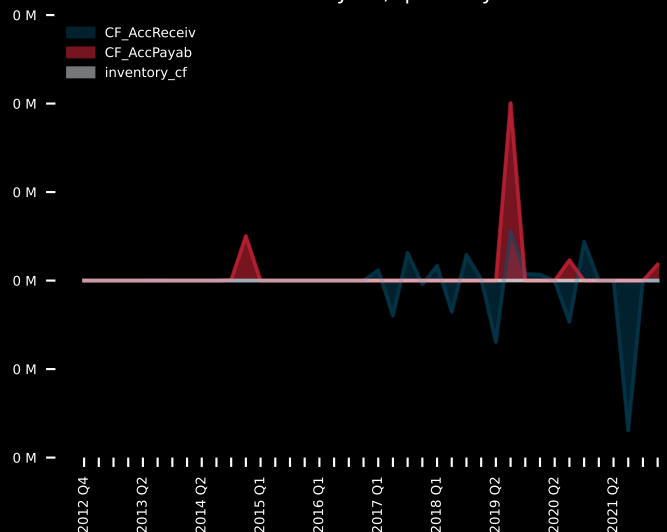
Price vs shares outstanding, quarterly



Owners Earnings, annually

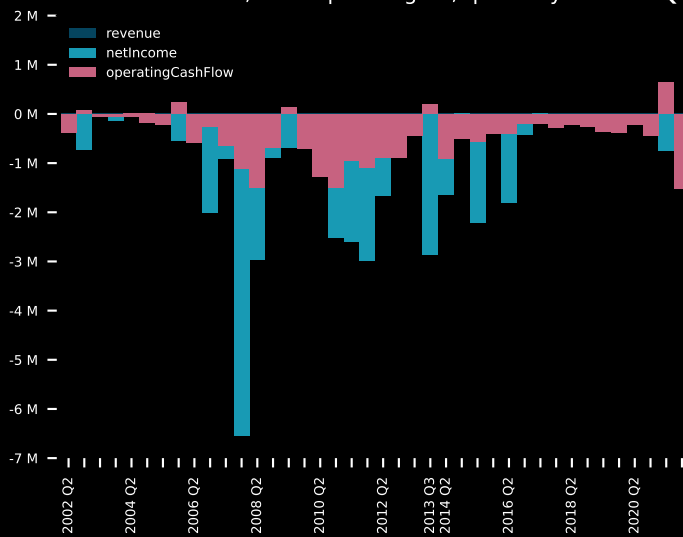


Inventory CF, quarterly

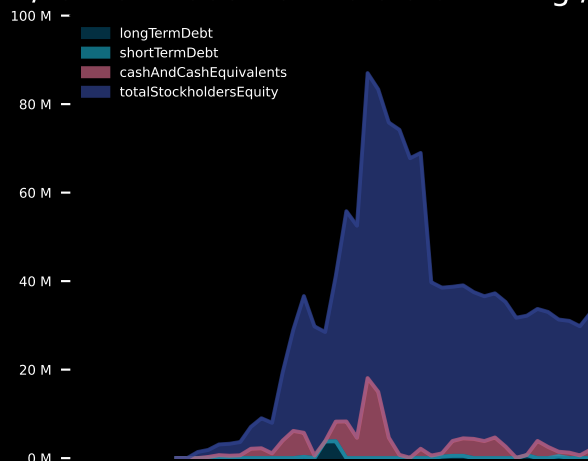


Purebase Corporation, an industrial mineral and natural resource company, provides solutions to the agriculture and construction materials markets in the United States. It offers PureBase Shade Advantage WP, a natural mineral plant protectant that reduces sunburn damage to plant tissue exposed to UV 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 Lone, California.

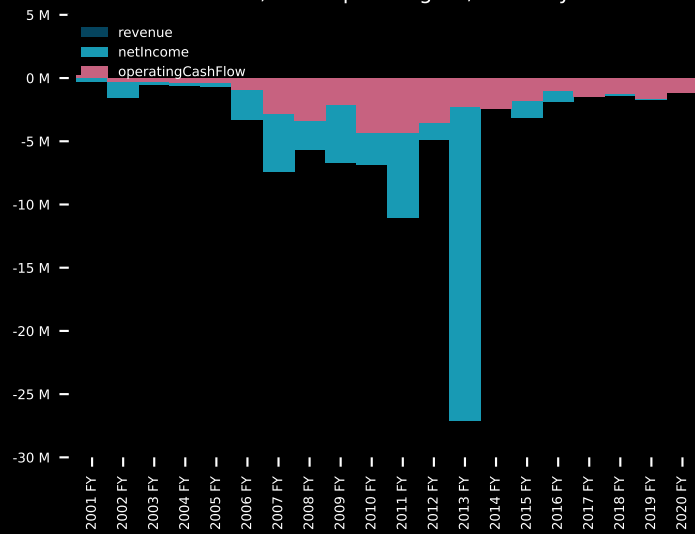
Sales, NI & Operating CF, quarterly



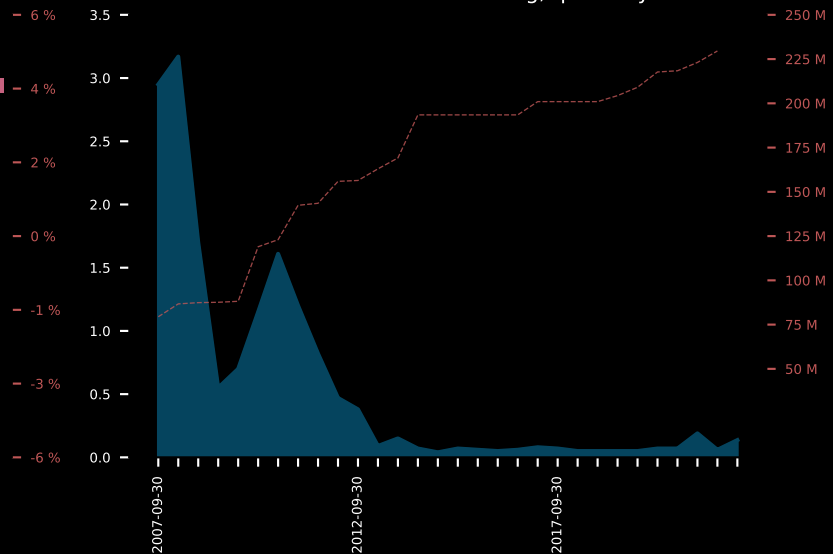
QTRRF / Other Industrial Metals & Mining / CA / 2022-0



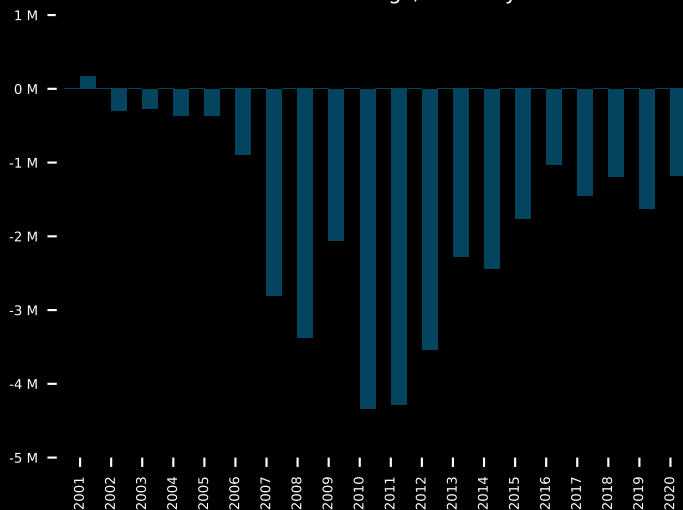
Sales, NI & Operating CF, annually



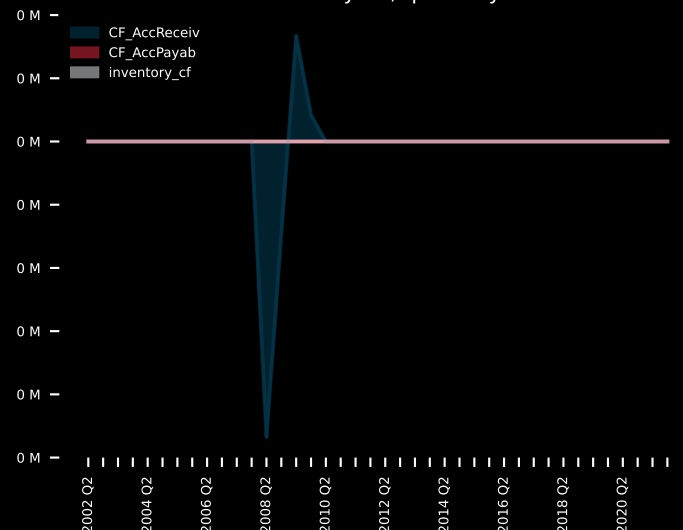
Price vs shares outstanding, quarterly



Owners Earnings, annually

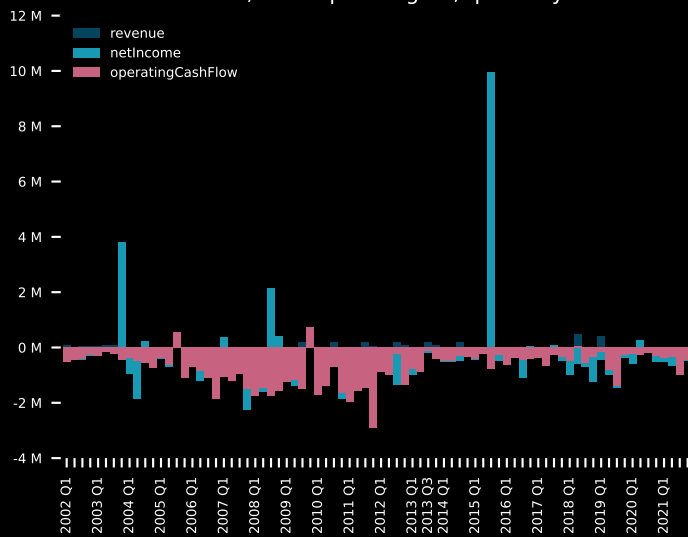


Inventory CF, quarterly

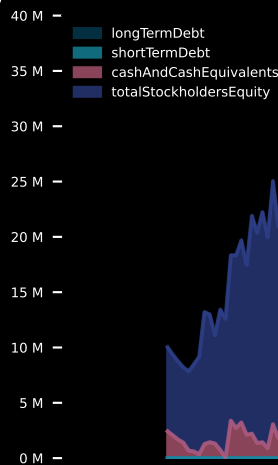


Quaterra Resources Inc. operates as a copper exploration and development company primarily in the United States. It holds 100% interests in the MacArthur and Yerington properties; and holds an option to earn a 100% interest in the Bear, Wassuk, and Butte Valley properties located in Nevada, as well as 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.

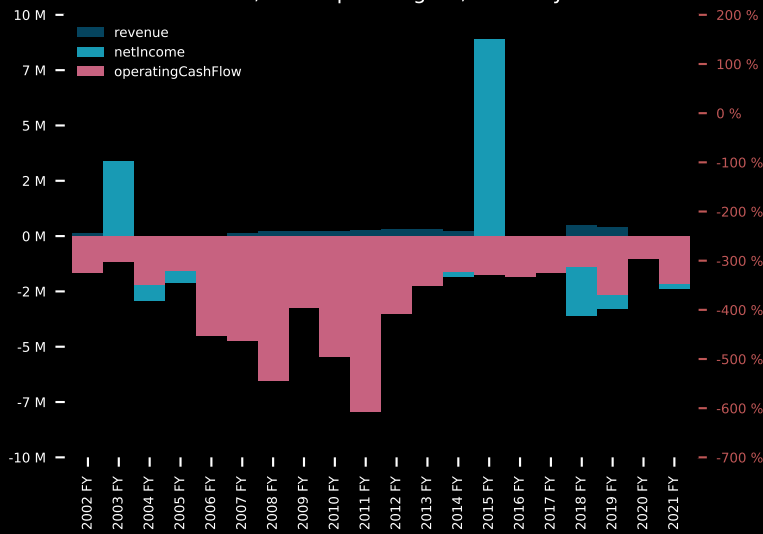
Sales, NI & Operating CF, quarterly



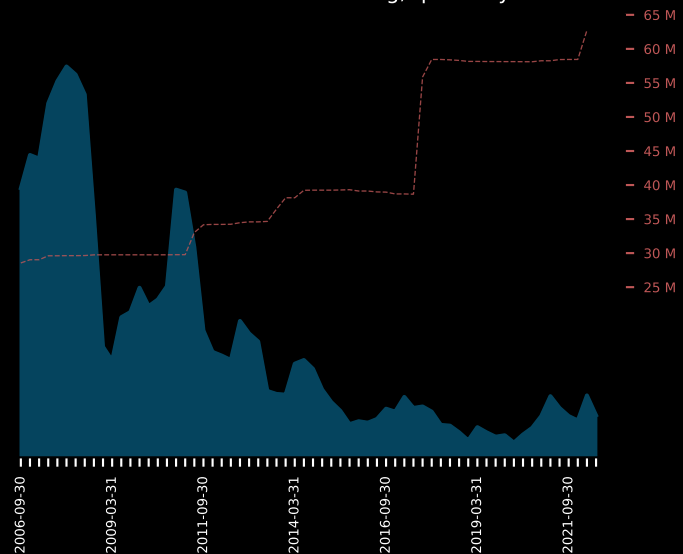
XPL / Other Industrial Metals & Mining / US / 2022-06



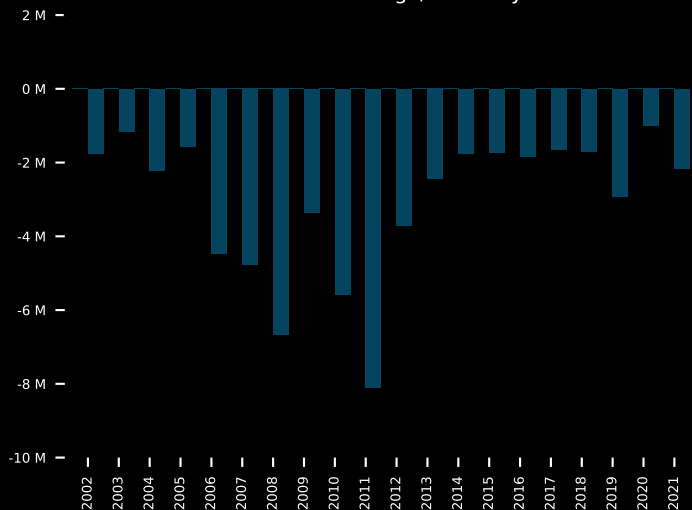
Sales, NI & Operating CF, annually



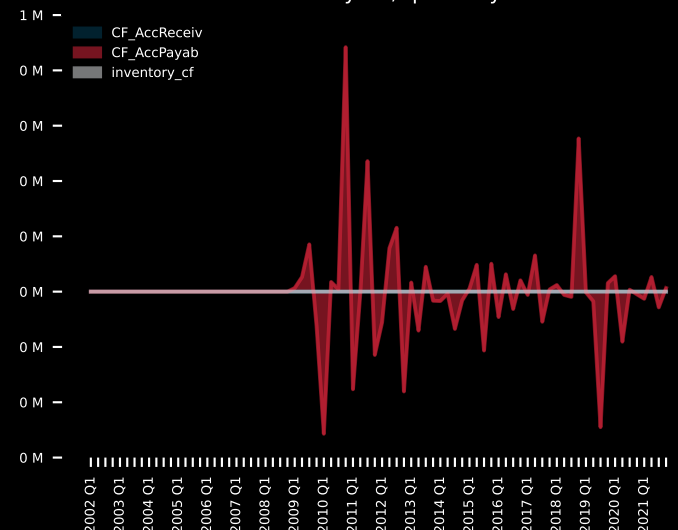
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

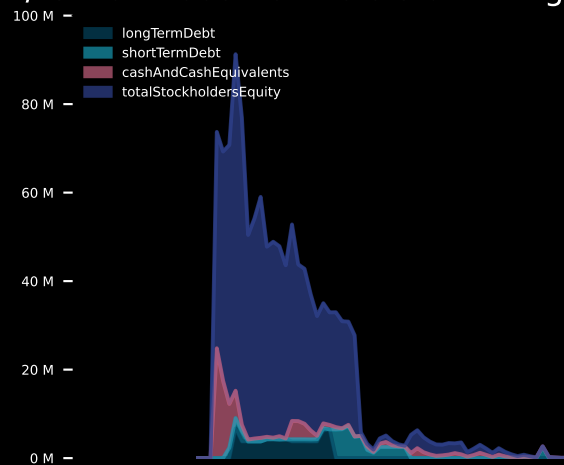


Solitario Zinc Corp., an exploration stage company, engages in the acquisition and exploration of zinc and other base metal properties in North and South America. The company holds a 50% operating interest in the Lik zinc-lead-silver property located in Northwest Alaska; 39% interest in the Florida Canyon 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.

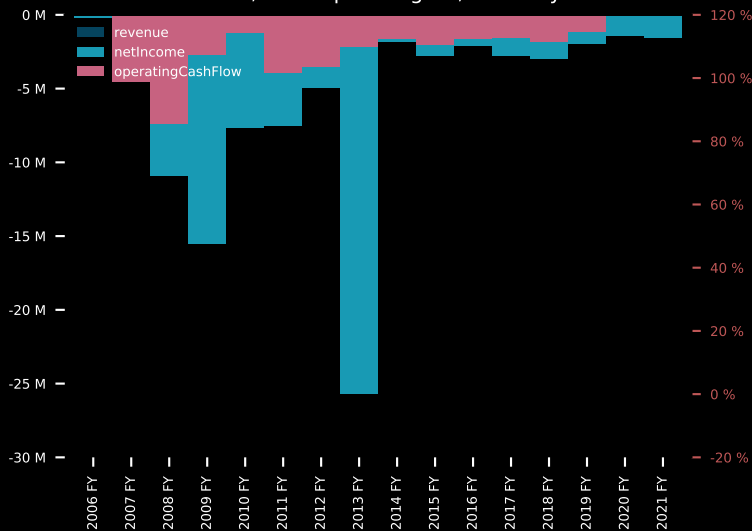
Sales, NI & Operating CF, quarterly



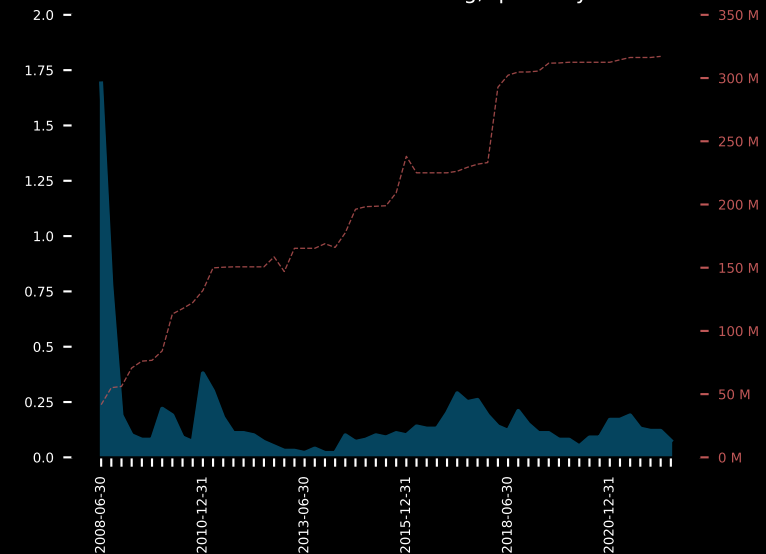
SCYF / Other Industrial Metals & Mining / US / 2022-0



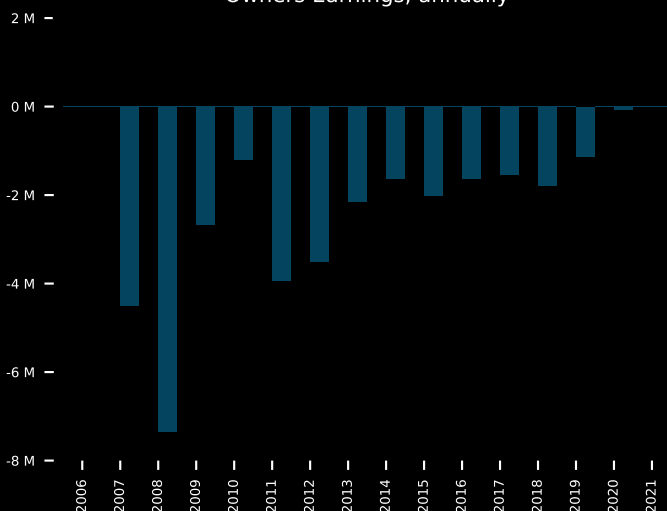
Sales, NI & Operating CF, annually



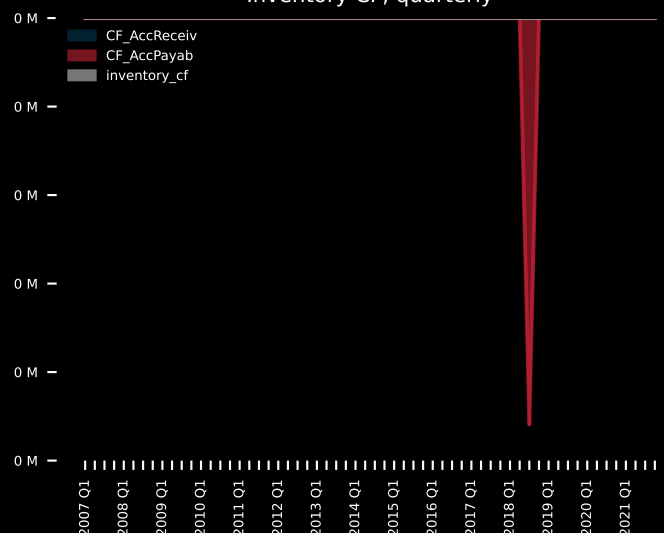
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

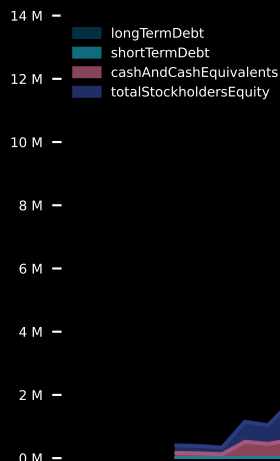


Scandium International Mining Corp., an exploration stage company, focuses on the exploration, evaluation, and development of specialty metals assets in Australia. Its principal project is the Nyngan scandium project located in New South Wales, Australia. The company was formerly known as EMC Metals 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.

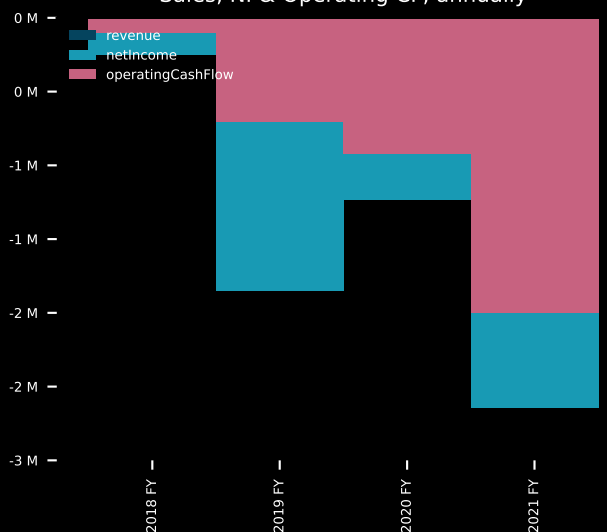
Sales, NI & Operating CF, quarterly



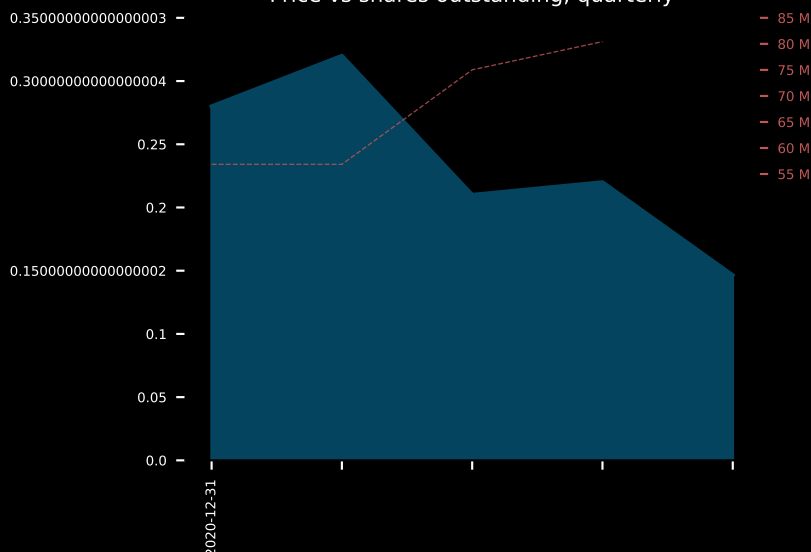
DFMTF / Other Industrial Metals & Mining / CA / 2022



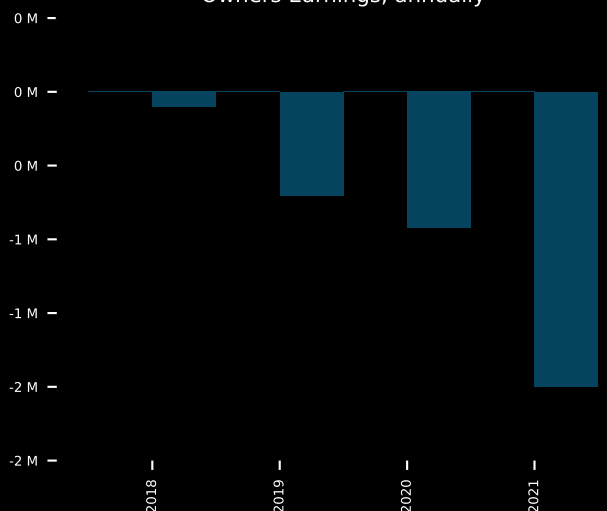
Sales, NI & Operating CF, annually



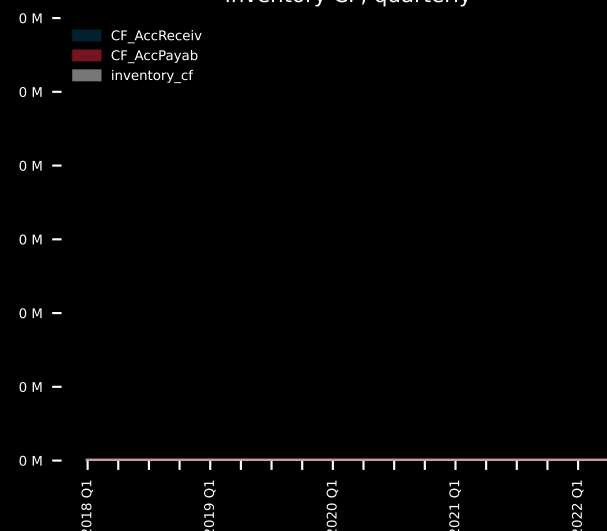
Price vs shares outstanding, quarterly



Owners Earnings, annually

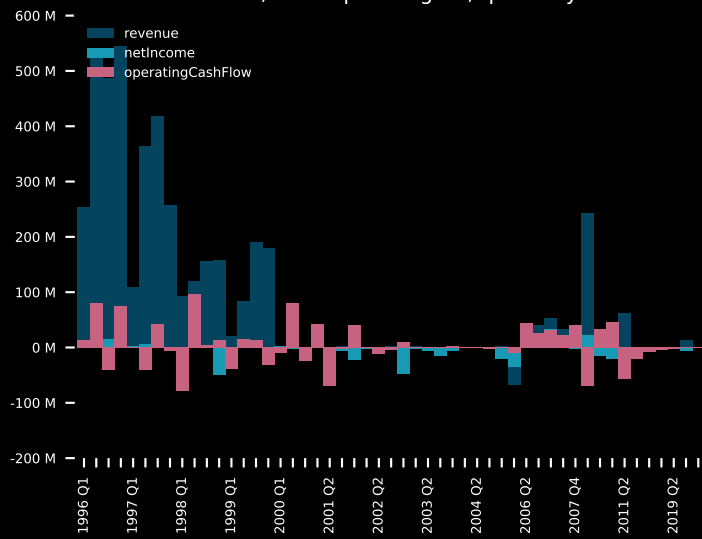


Inventory CF, quarterly

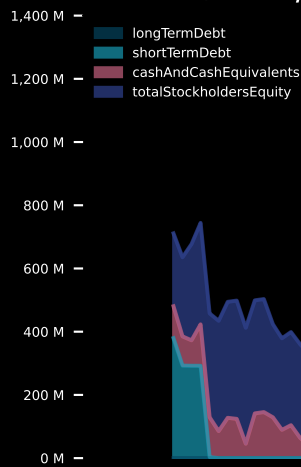


Defense Metals Corp., a junior exploration company, engages in the acquisition and exploration of mineral properties in Canada. It has an option to acquire 100% interest in the Wicheeda project consisting of six mining claims covering an area of 1,708 hectares located in British Columbia. The company 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.

Sales, NI & Operating CF, quarterly



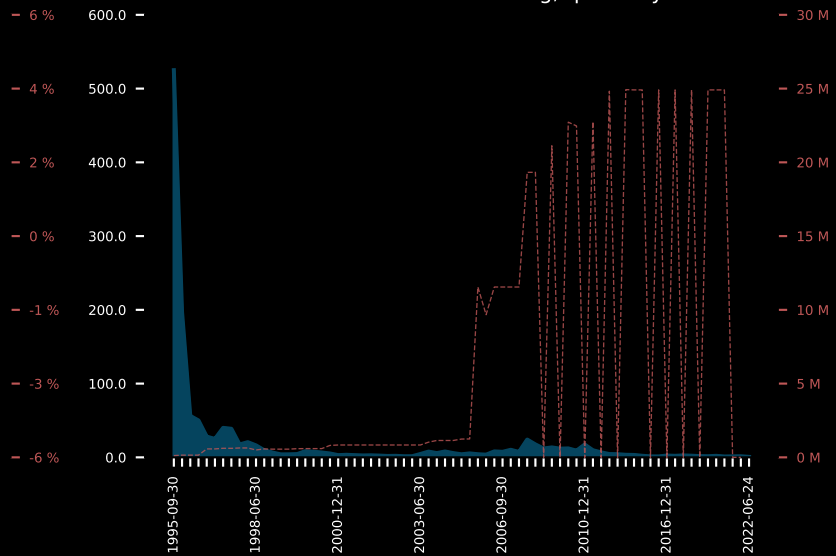
CHNR / 0 / 0 / 2022-06-24



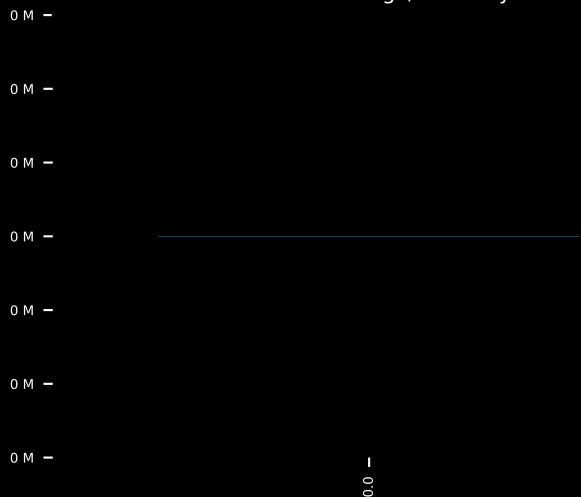
Sales, NI & Operating CF, annually



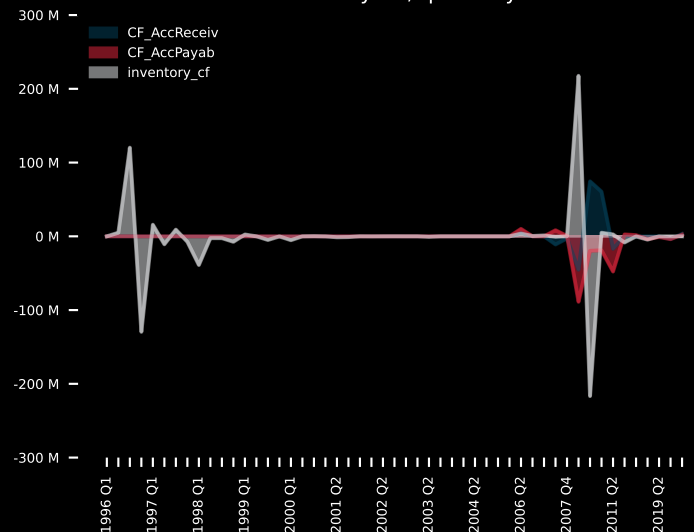
Price vs shares outstanding, quarterly



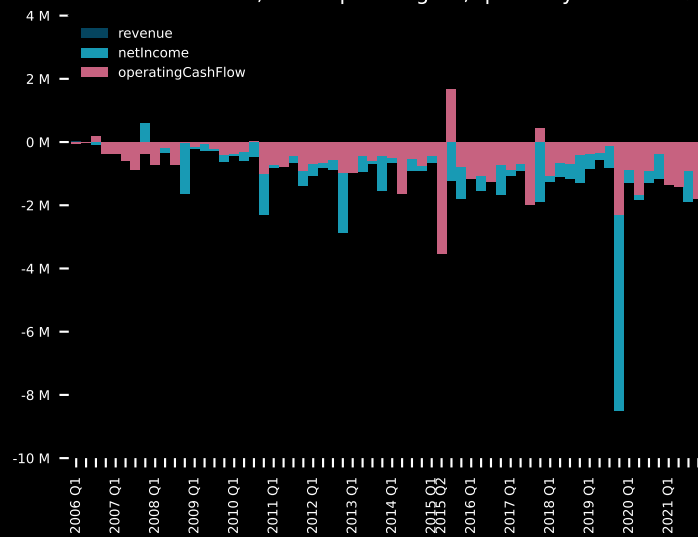
Owners Earnings, annually



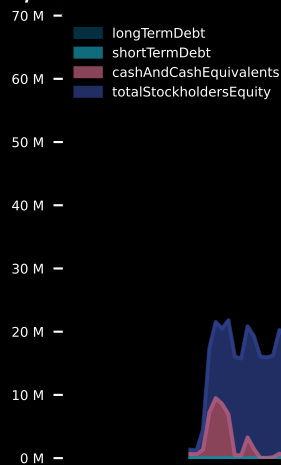
Inventory CF, quarterly



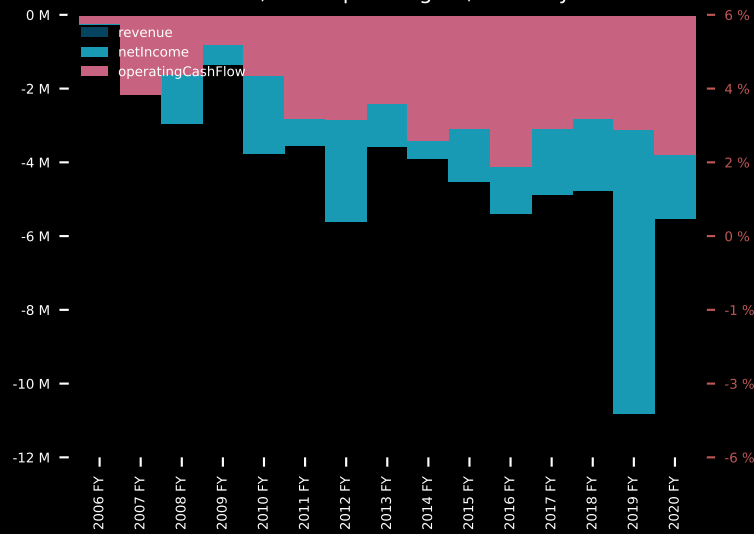
Sales, NI & Operating CF, quarterly



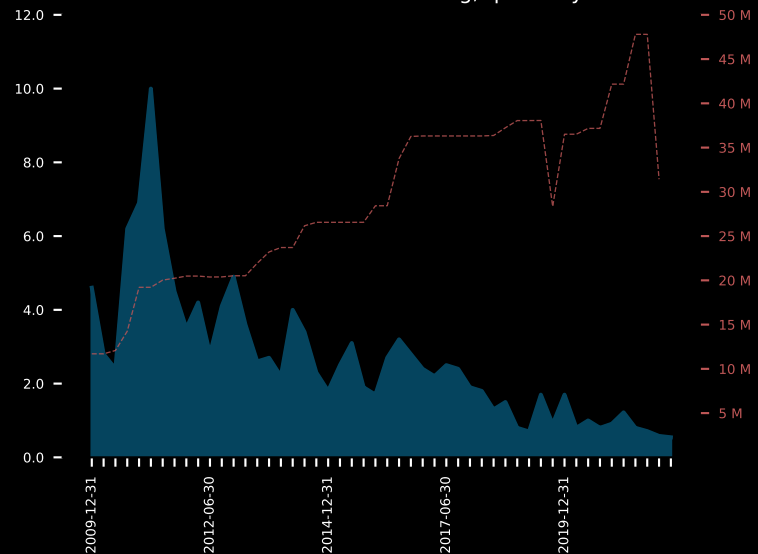
UURAF / Other Industrial Metals & Mining / CA / 2022-0



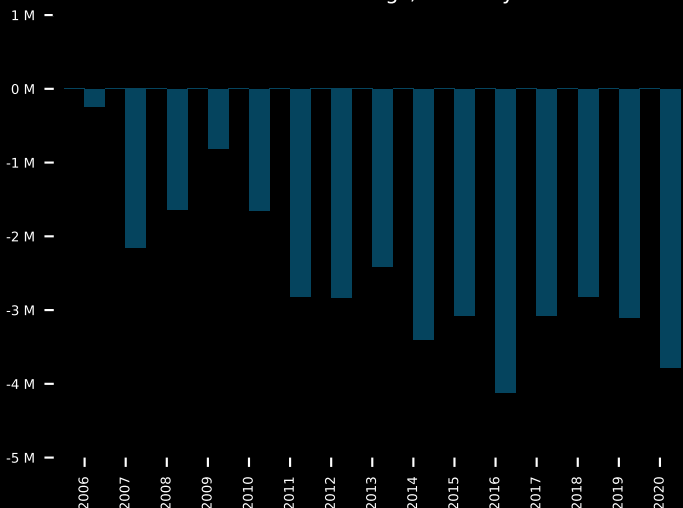
Sales, NI & Operating CF, annually



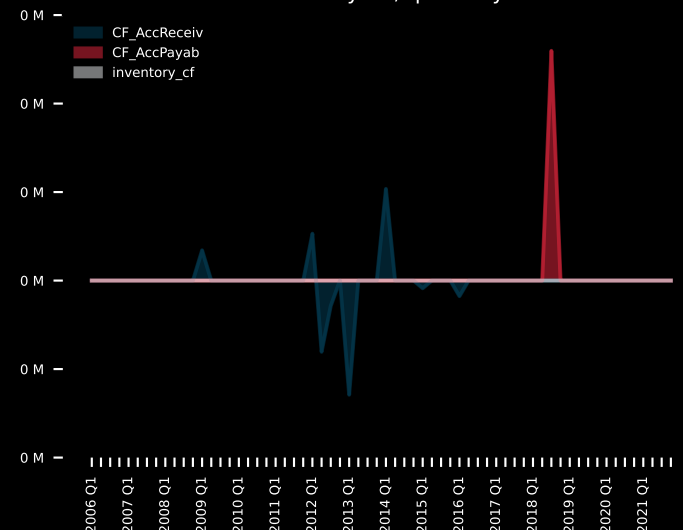
Price vs shares outstanding, quarterly



Owners Earnings, annually

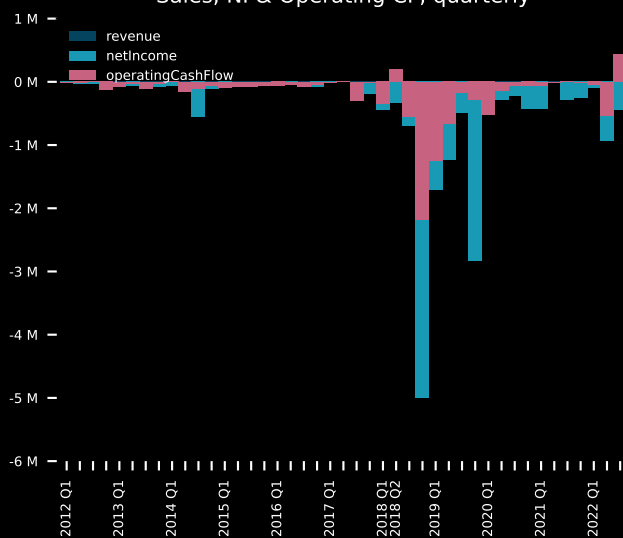


Inventory CF, quarterly

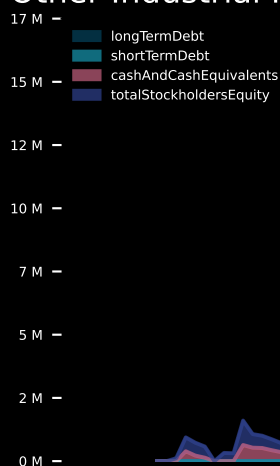


Ucore Rare Metals Inc. engages in the exploration and separation of elements in Canada and the United States. It primarily holds a 100% interest in the Bokan Mountain/Dotson Ridge property located in Prince of Wales Island, Alaska. The company was formerly known as Ucore Uranium Inc. and changed its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

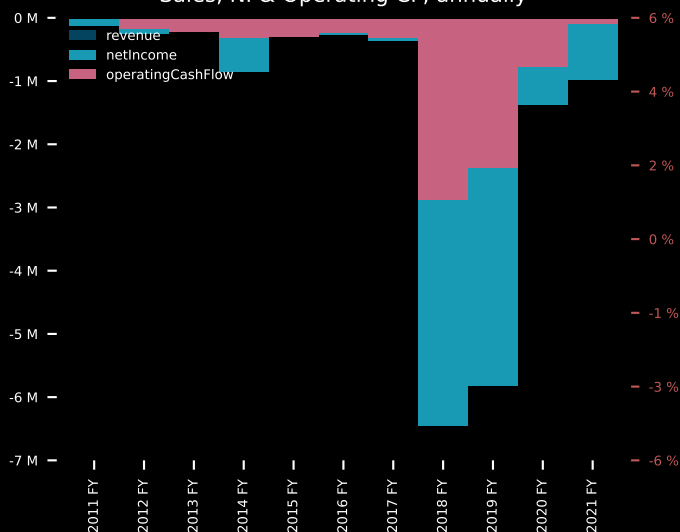
Sales, NI & Operating CF, quarterly



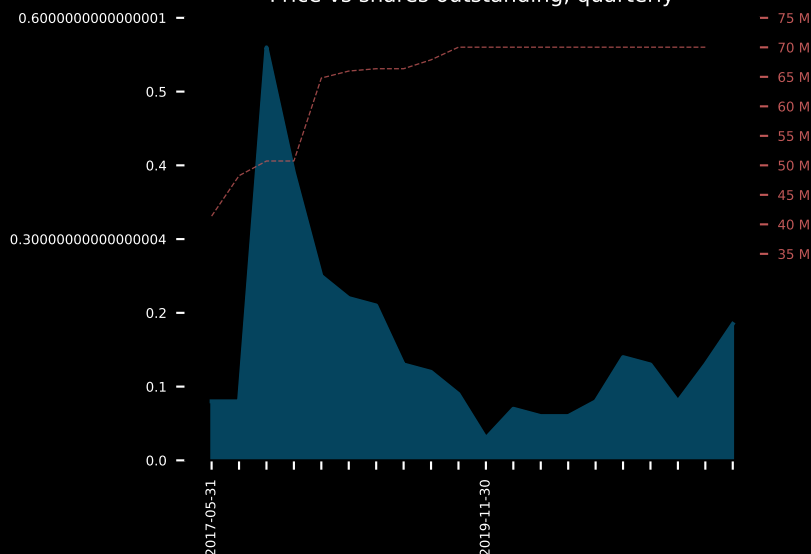
LXENF / Other Industrial Metals & Mining / CA / 2022



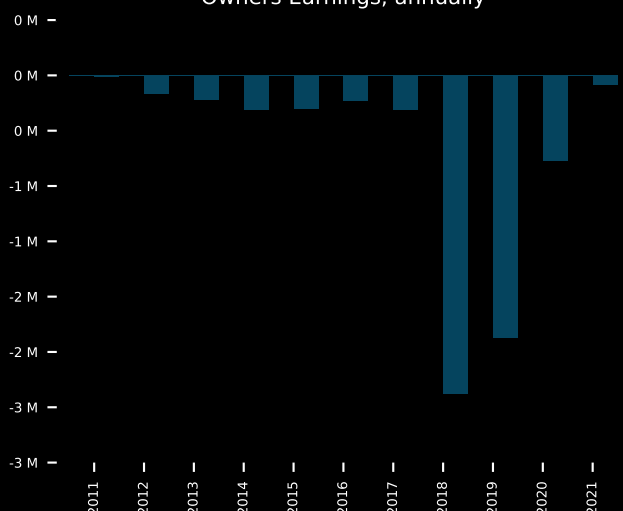
Sales, NI & Operating CF, annually



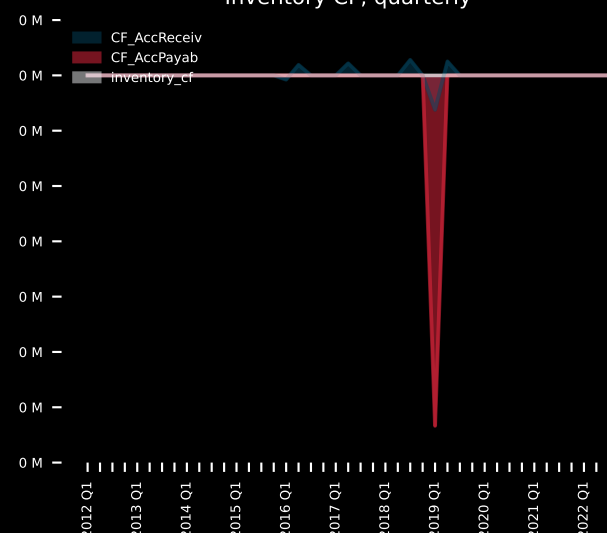
Price vs shares outstanding, quarterly



Owners Earnings, annually

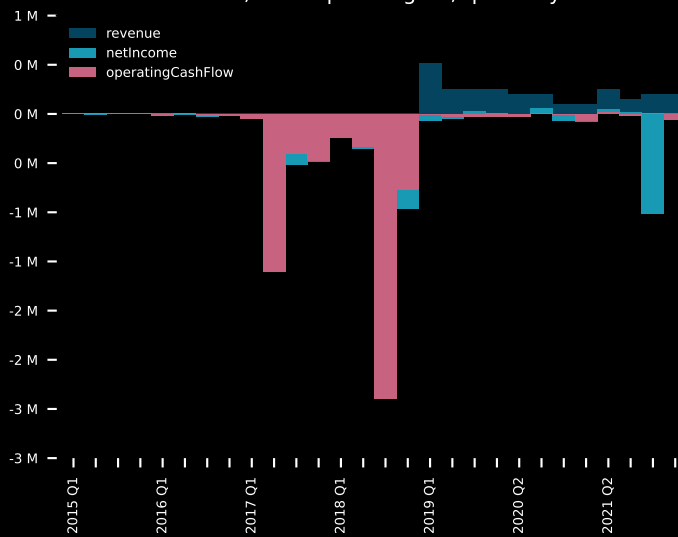


Inventory CF, quarterly

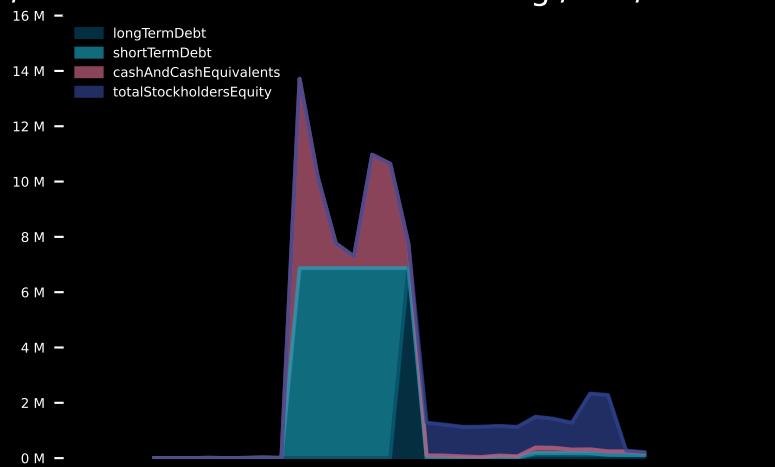


Lithium Energi Exploration Inc. engages in the acquisition, exploration, and development of lithium brine assets in Argentina. It holds interests in the Laguna Caro project that includes eight mineral concessions covering approximately 17,759 hectares; the Antofalla North project that consists of thirteen 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.

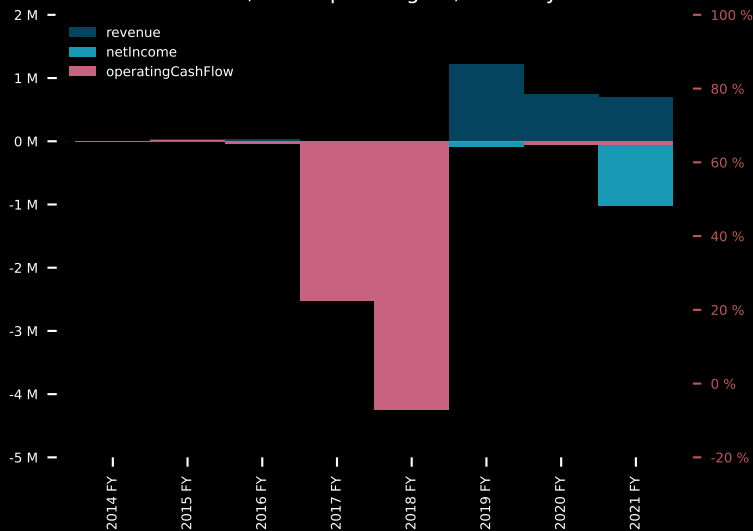
Sales, NI & Operating CF, quarterly



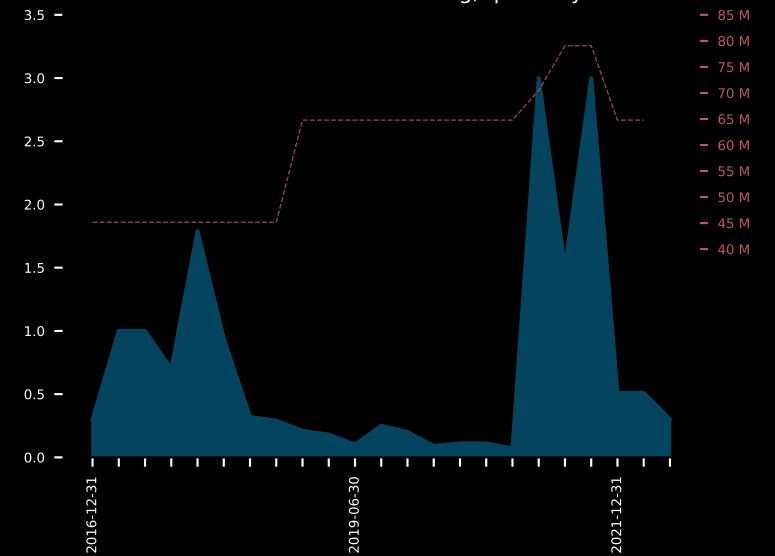
FUST / Other Industrial Metals & Mining / US / 2022-06



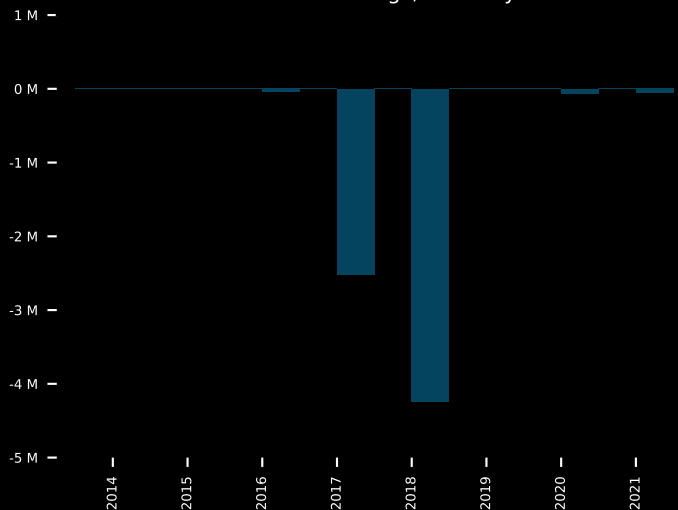
Sales, NI & Operating CF, annually



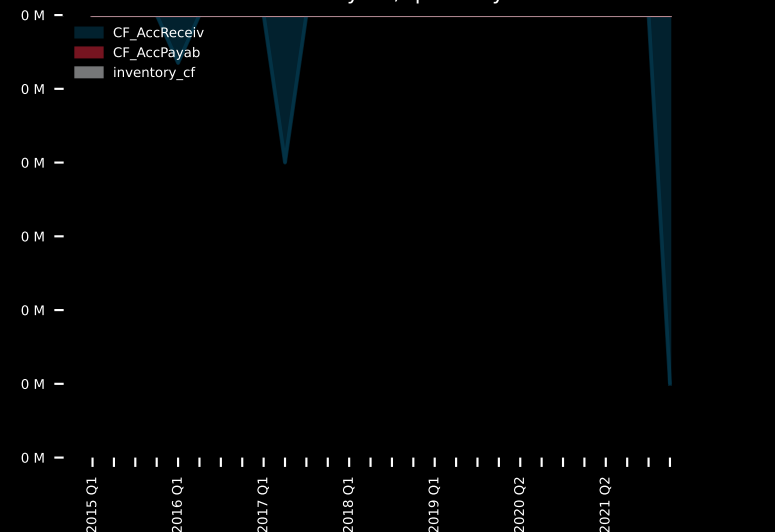
Price vs shares outstanding, quarterly



Owners Earnings, annually

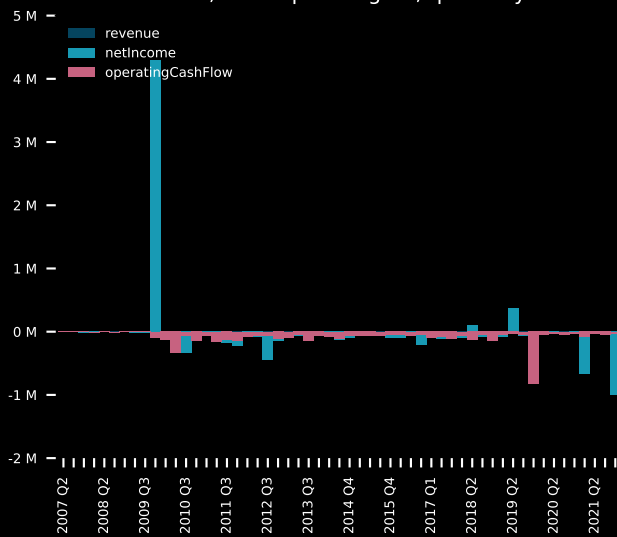


Inventory CF, quarterly

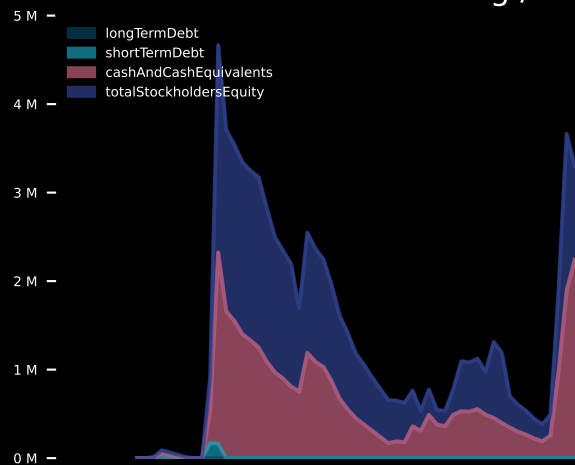


Fuse Group Holding Inc. provides consulting services to mining industry clients to find acquisition targets. It primarily focuses on the mining and biotech areas. The company was formerly known as Fuse Enterprises Inc. and changed its name to Fuse Group Holding Inc. in May 2019. Fuse Group Holding Inc.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

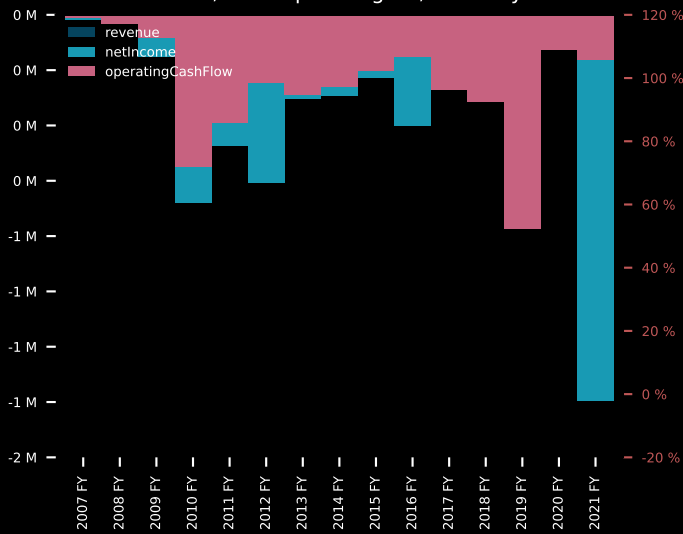
Sales, NI & Operating CF, quarterly



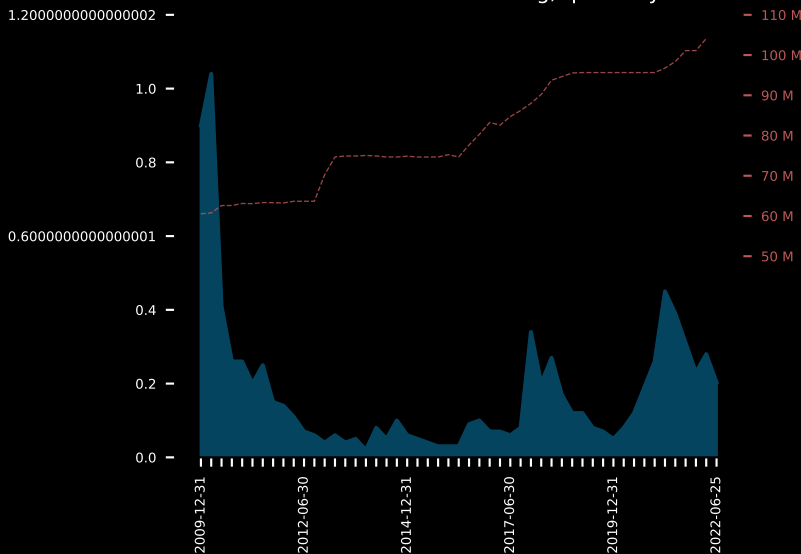
LTUM / Other Industrial Metals & Mining / US / 2022-



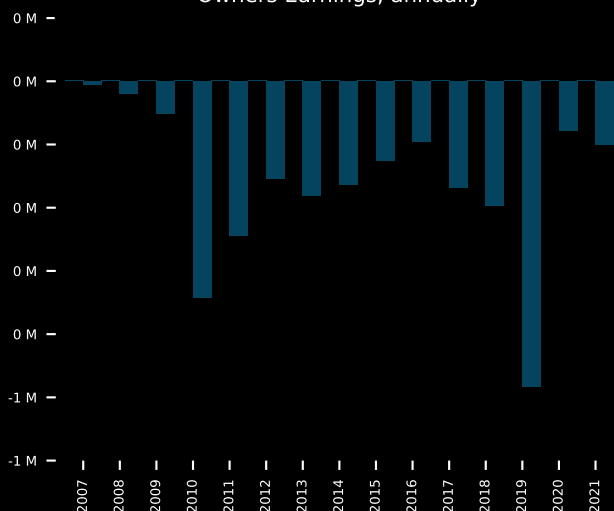
Sales, NI & Operating CF, annually



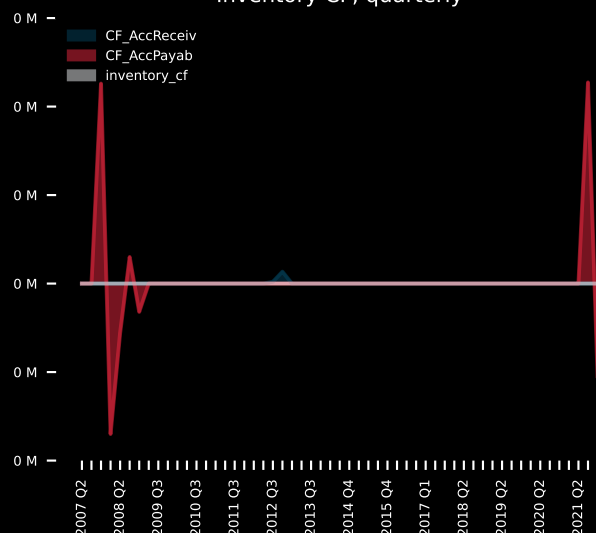
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly



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 Utah Communications Inc. and changed

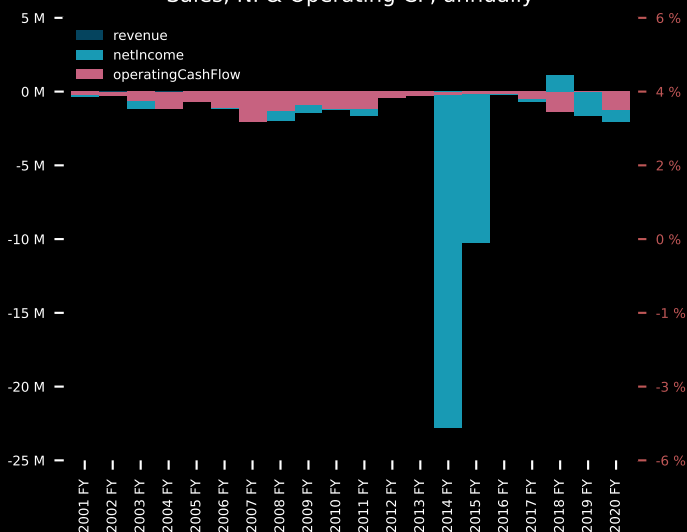
Sales, NI & Operating CF, quarterly



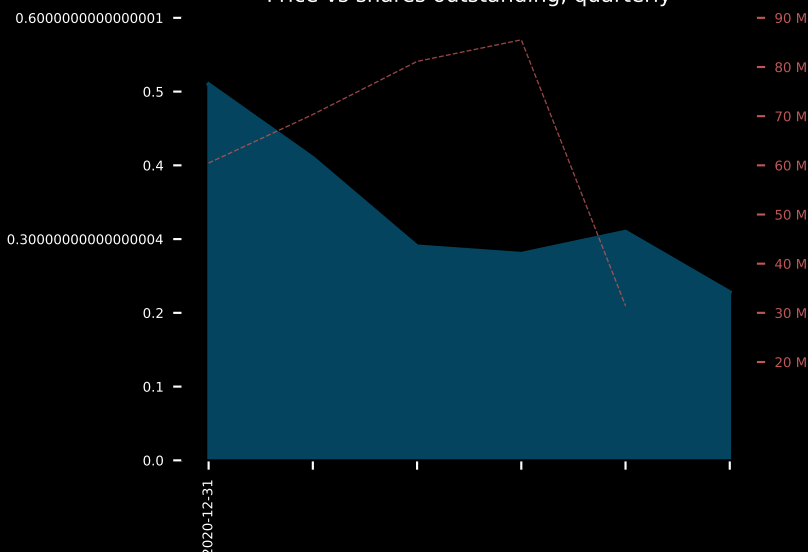
HNCKF / Other Industrial Metals & Mining / CA / 2022



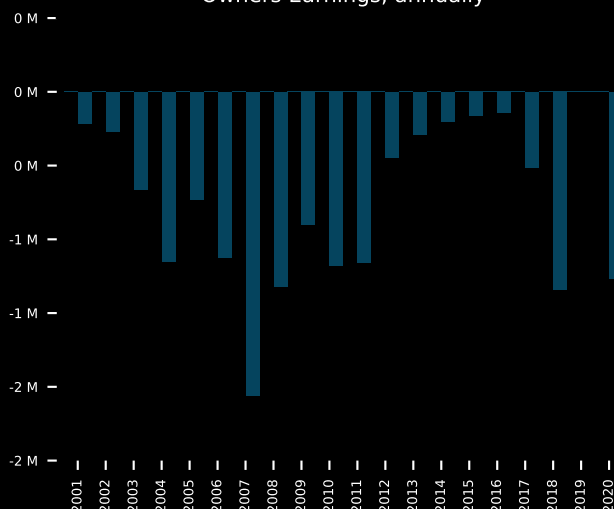
Sales, NI & Operating CF, annually



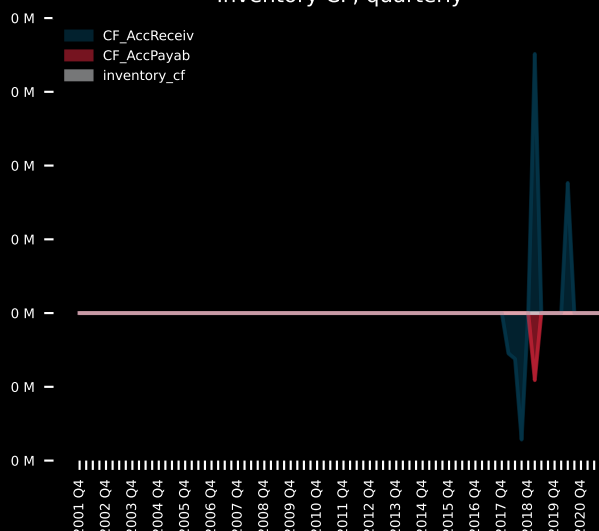
Price vs shares outstanding, quarterly



Owners Earnings, annually

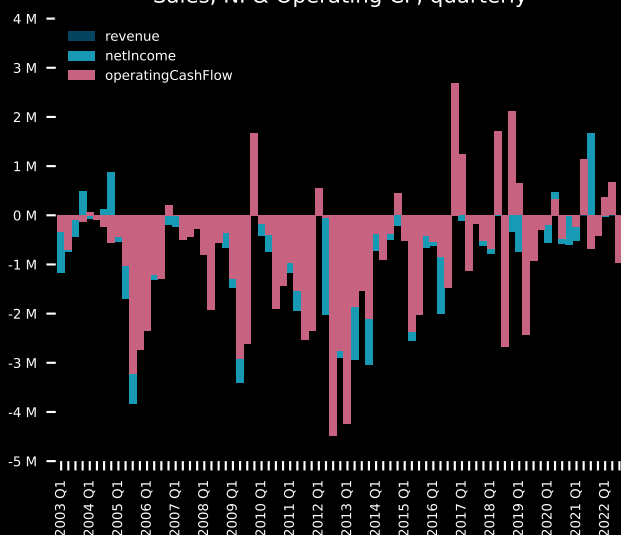


Inventory CF, quarterly

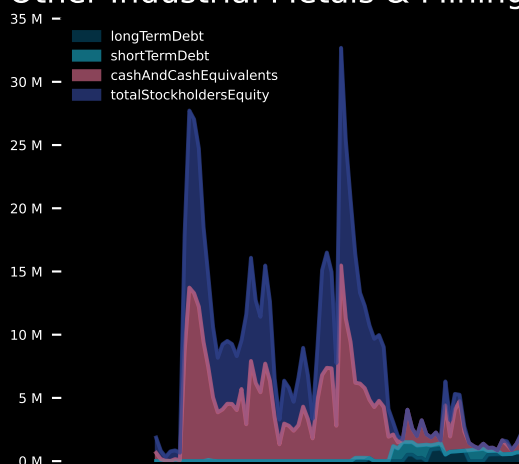


Giga Metals Corporation acquires, explores for, and develops mineral properties in Canada. The company explores for nickel and cobalt sulphide deposits. It owns a 100% interest in the Turnagain property comprising 71 contiguous mineral claims covering an area of 38,000 hectares located in the Liard Mining 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.

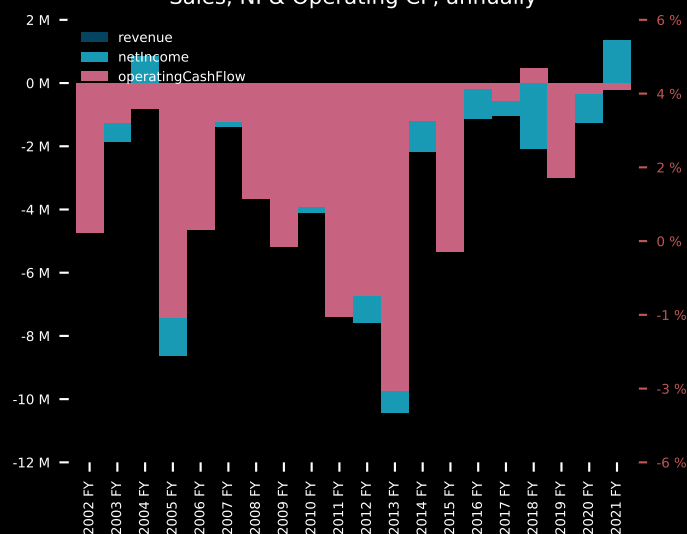
Sales, NI & Operating CF, quarterly



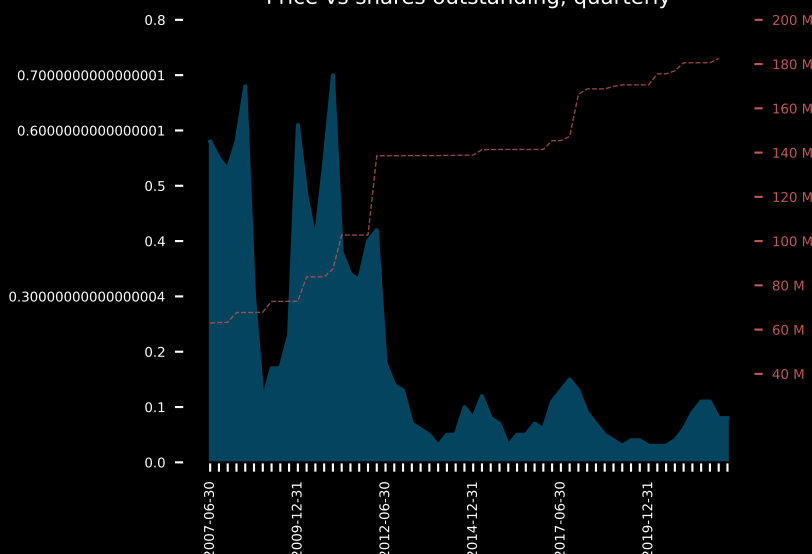
AXREF / Other Industrial Metals & Mining / CA / 2022



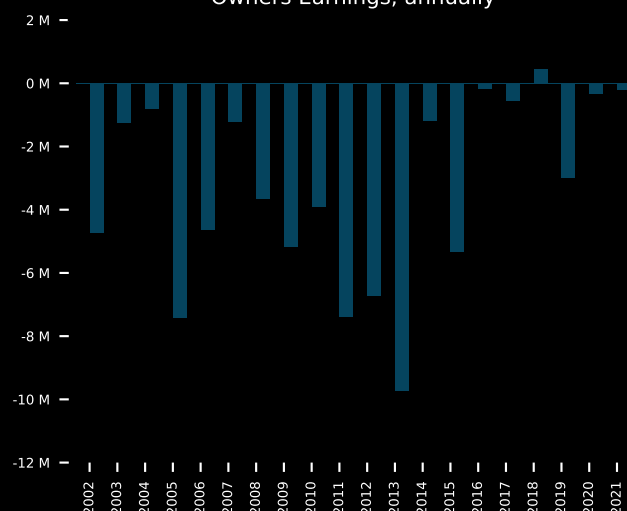
Sales, NI & Operating CF, annually



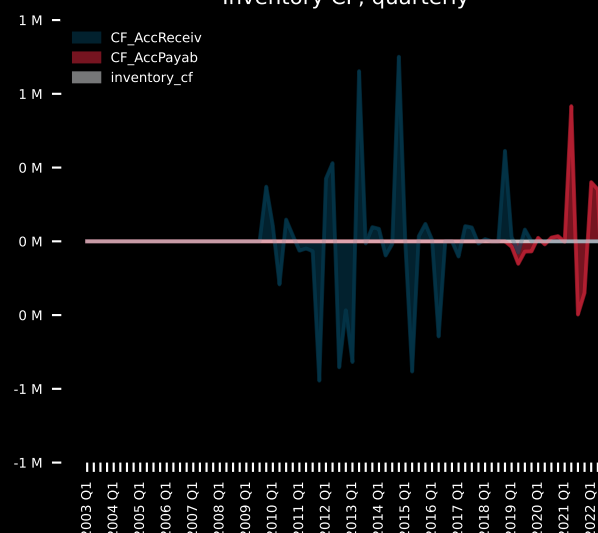
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

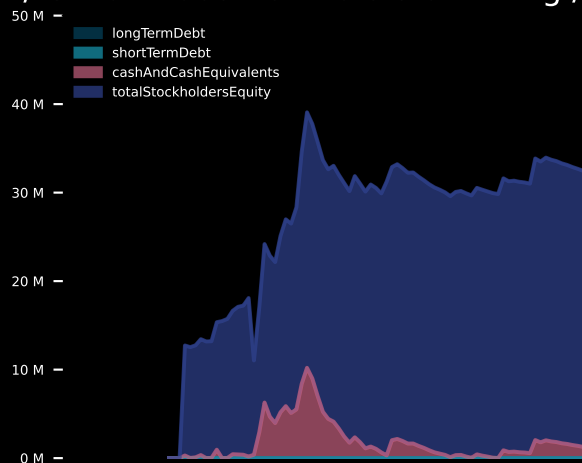


Amarc Resources Ltd. engages in the acquisition, exploration, and development of mineral properties in Canada. The company explores for copper, gold, silver, and molybdenum deposits. It holds 100% interests in the IKE project covering an area of 462 square kilometers located in the Gold Bridge, south-central 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.

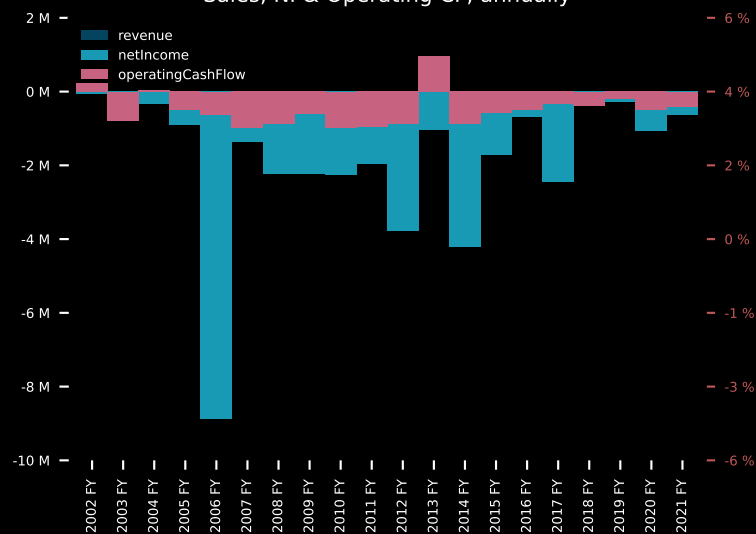
Sales, NI & Operating CF, quarterly



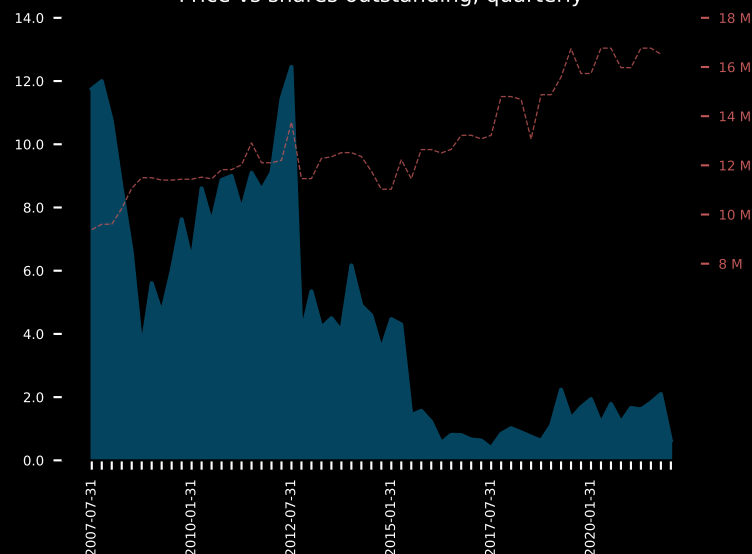
PBMLF / Other Industrial Metals & Mining / CA / 2022-0



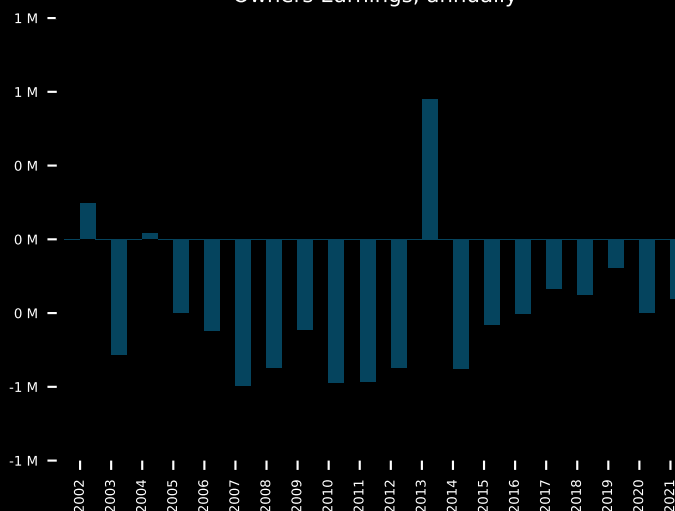
Sales, NI & Operating CF, annually



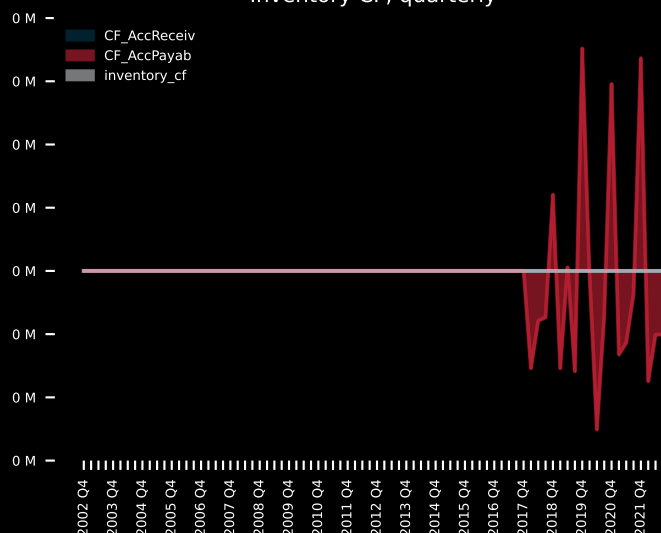
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

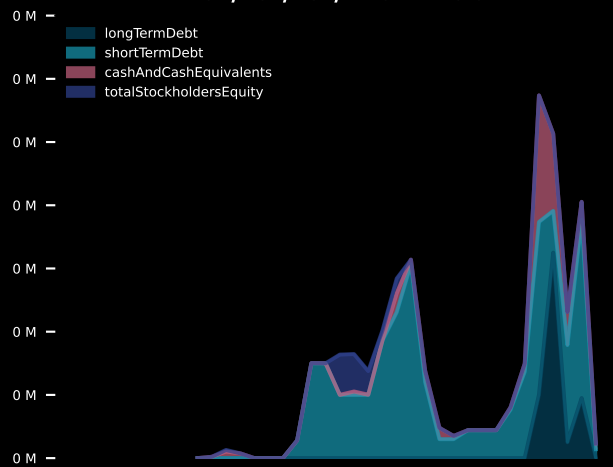


Pacific Booker Minerals Inc. engages in the exploration of mineral properties in Canada. The company primarily explores for copper, gold, silver, and molybdenum concentrates. It primarily holds interests in the Morrison property located in British Columbia. The company was formerly known as Booker Gold 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.

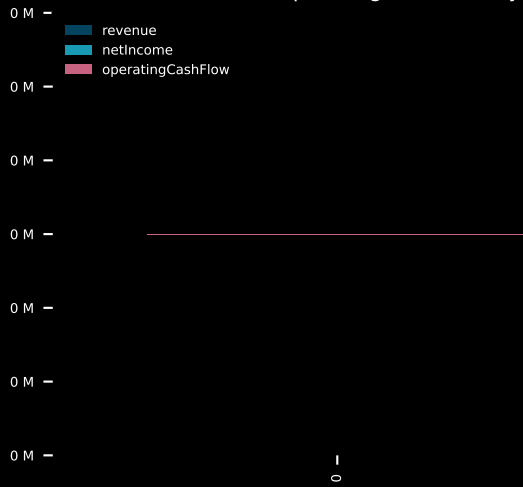
Sales, NI & Operating CF, quarterly



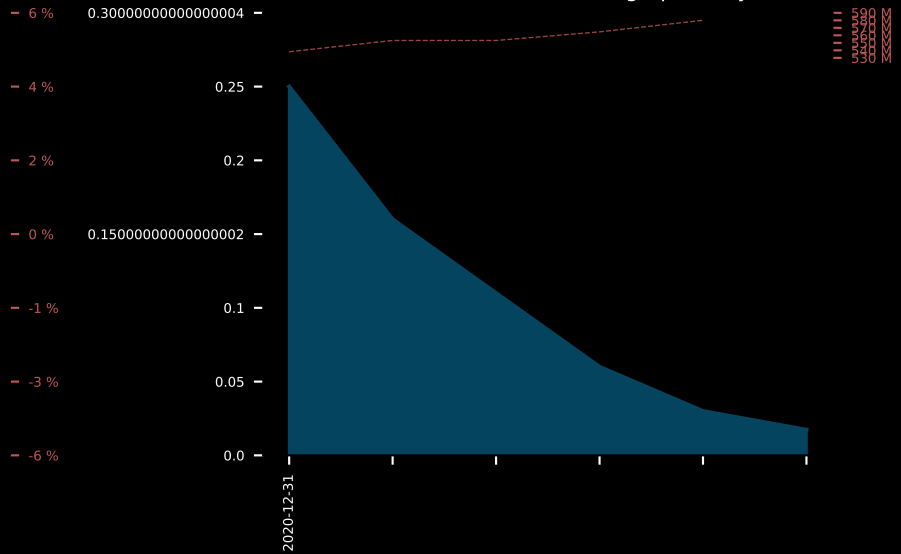
ATAO / 0 / 0 / 2022-06-24



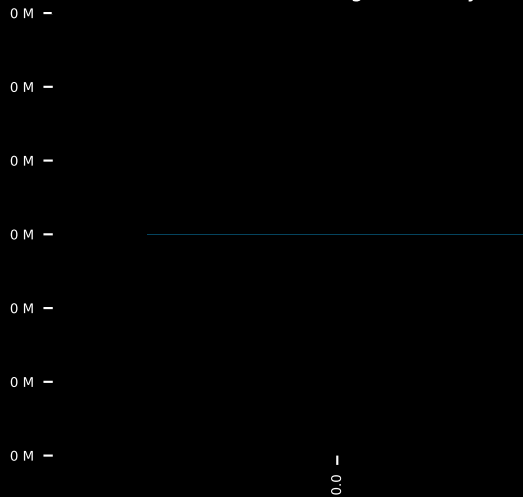
Sales, NI & Operating CF, annually



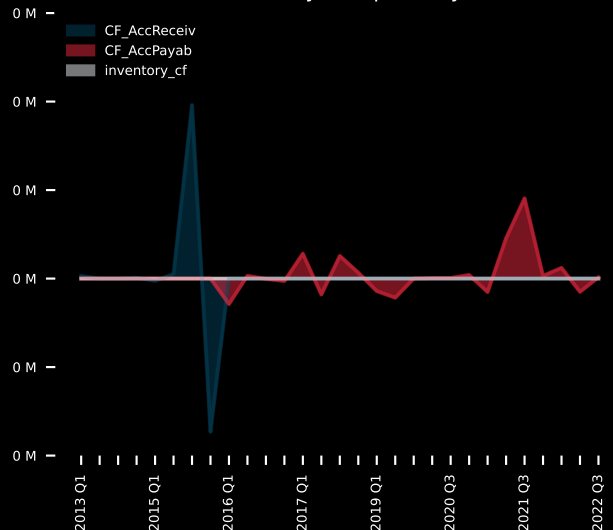
Price vs shares outstanding, quarterly



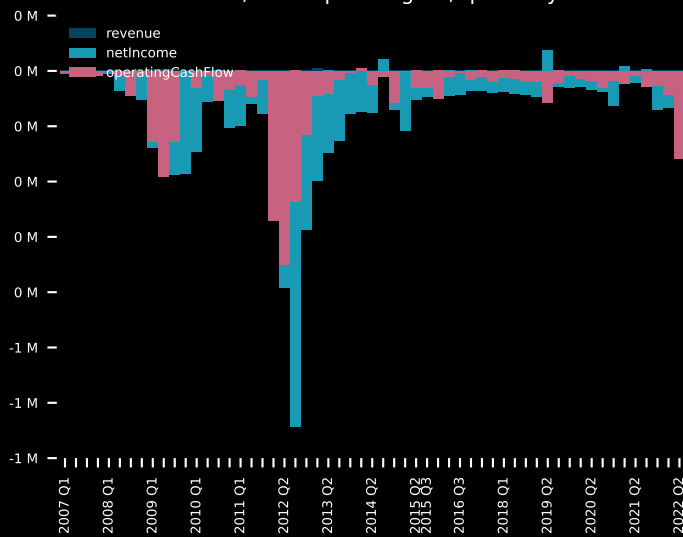
Owners Earnings, annually



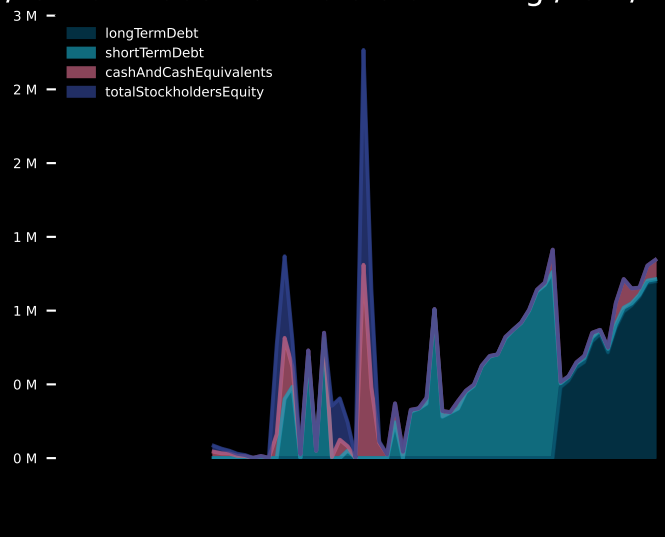
Inventory CF, quarterly



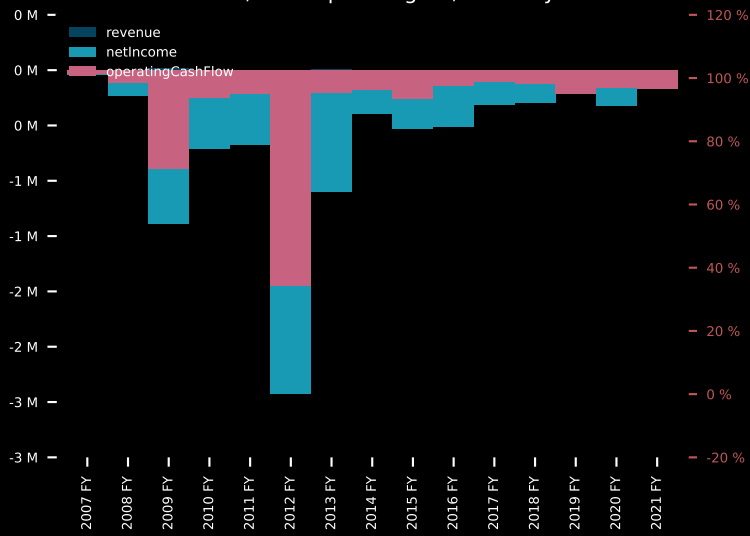
Sales, NI & Operating CF, quarterly



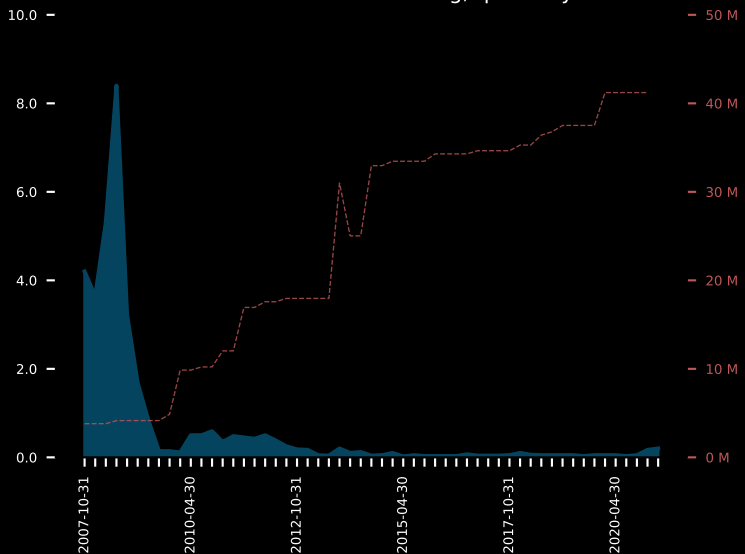
RMES / Other Industrial Metals & Mining / CA / 2022-0



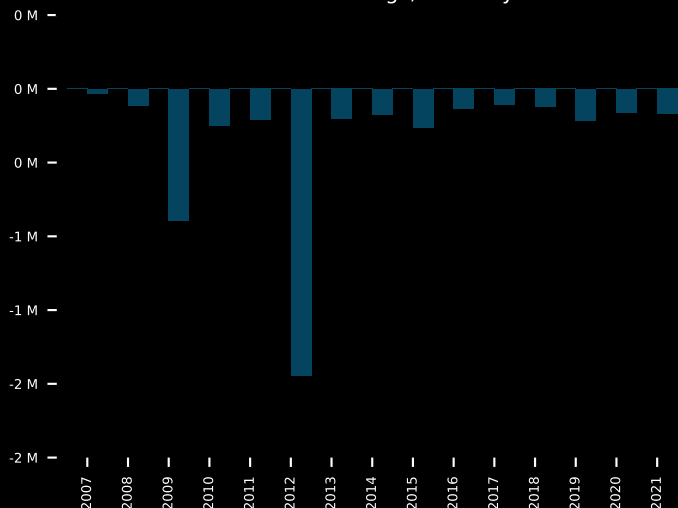
Sales, NI & Operating CF, annually



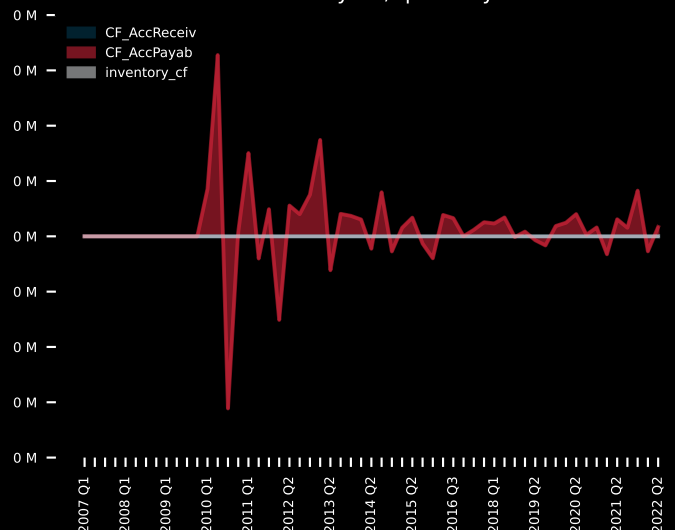
Price vs shares outstanding, quarterly



Owners Earnings, annually

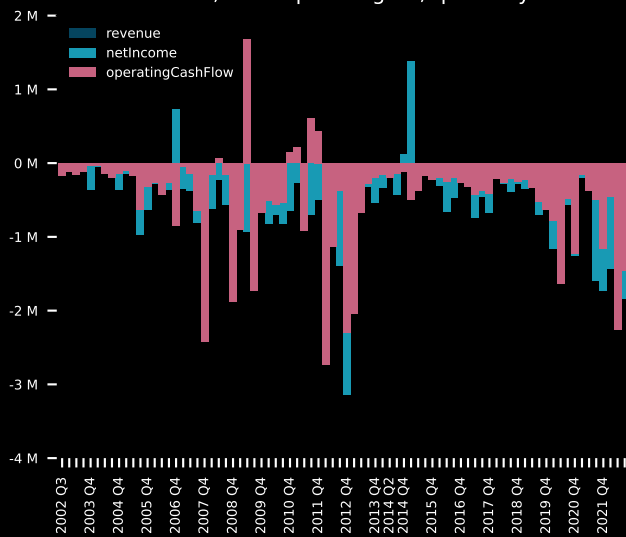


Inventory CF, quarterly

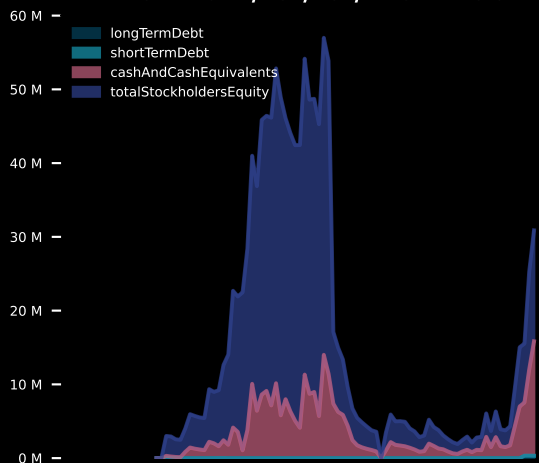


Red Metal Resources Ltd., an early stage mineral exploration company, engages in acquiring, exploring, and developing mineral resources in Chile. The company explores for copper, gold, cobalt, and silver deposits. It holds interests in the Farellon property that covers a total area of 1,234 hectares, 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.

Sales, NI & Operating CF, quarterly



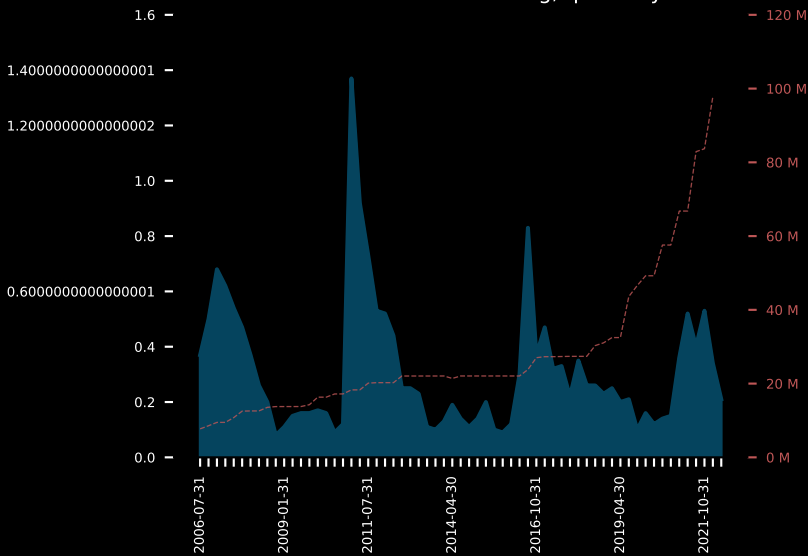
CVVUF / 0 / 0 / 2022-06-24



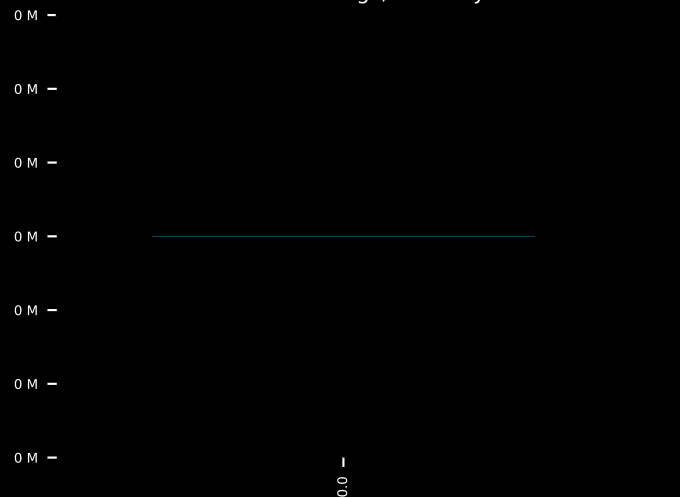
Sales, NI & Operating CF, annually



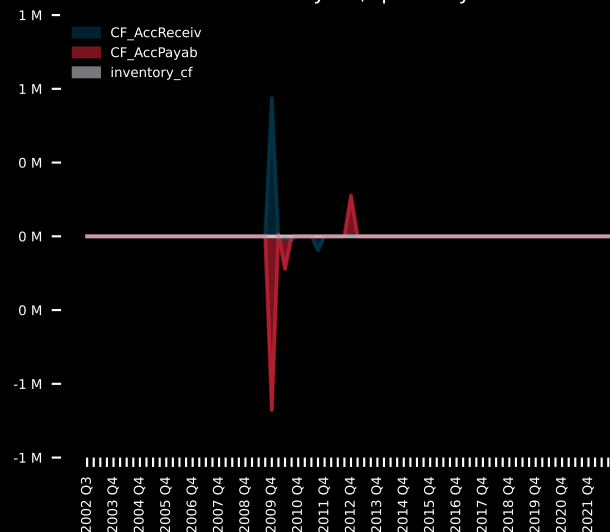
Price vs shares outstanding, quarterly



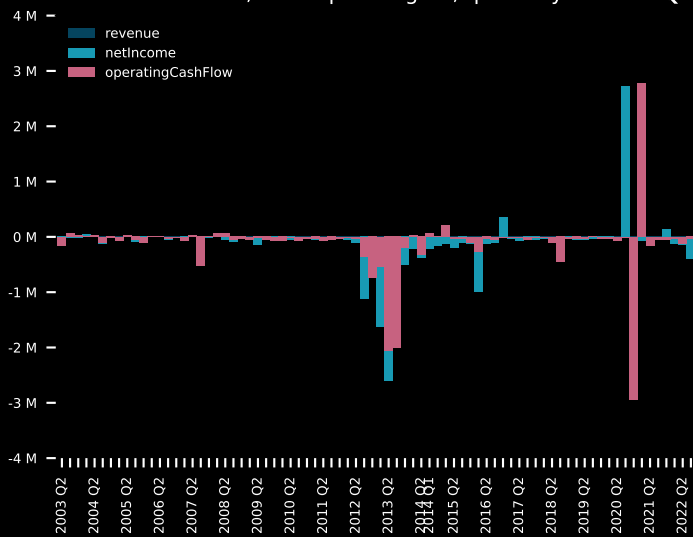
Owners Earnings, annually



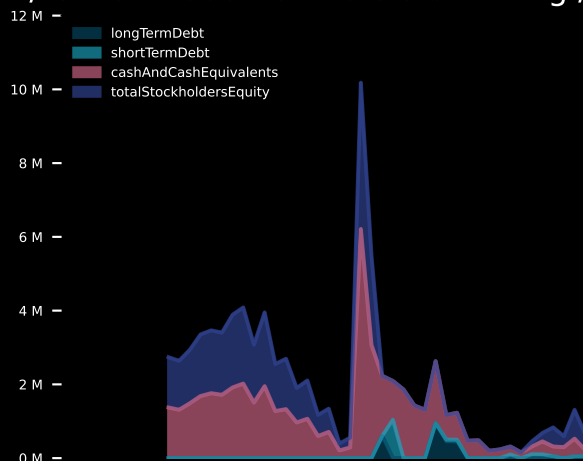
Inventory CF, quarterly



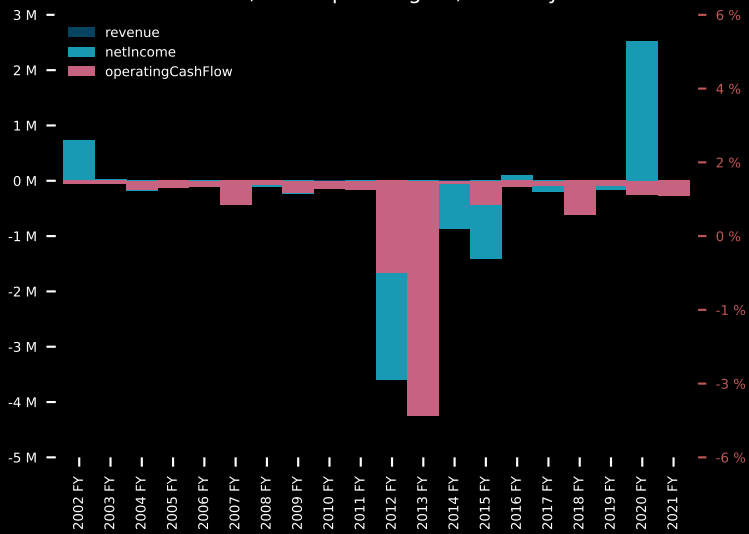
Sales, NI & Operating CF, quarterly



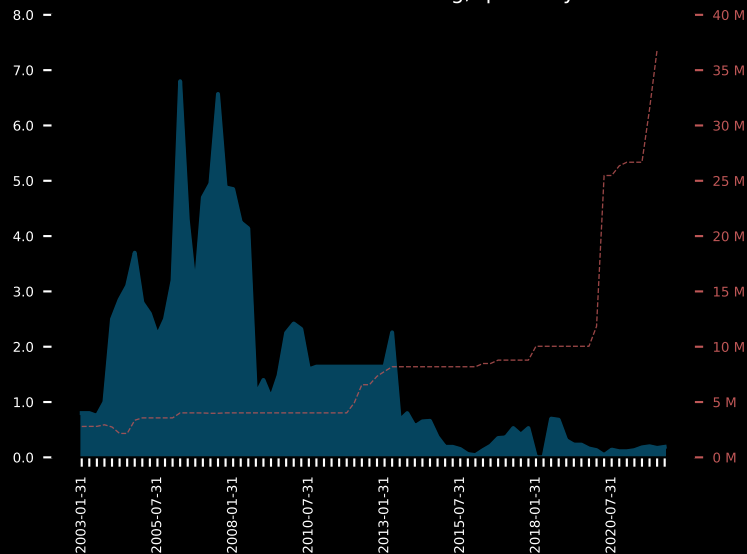
QZMRF / Other Industrial Metals & Mining / CA / 2022-0



Sales, NI & Operating CF, annually



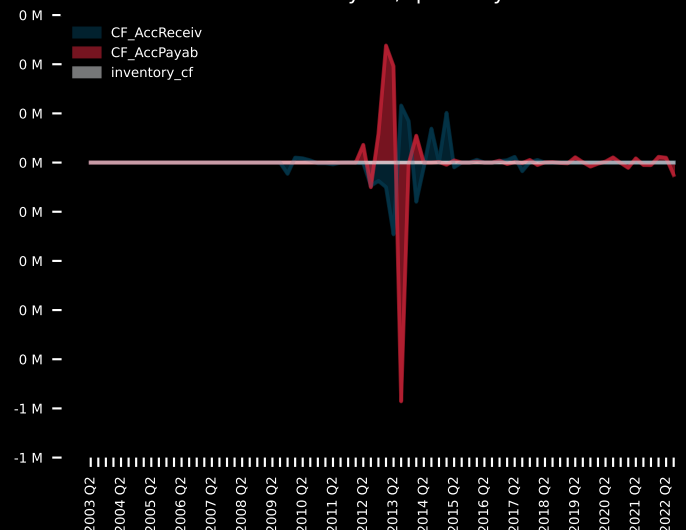
Price vs shares outstanding, quarterly



Owners Earnings, annually

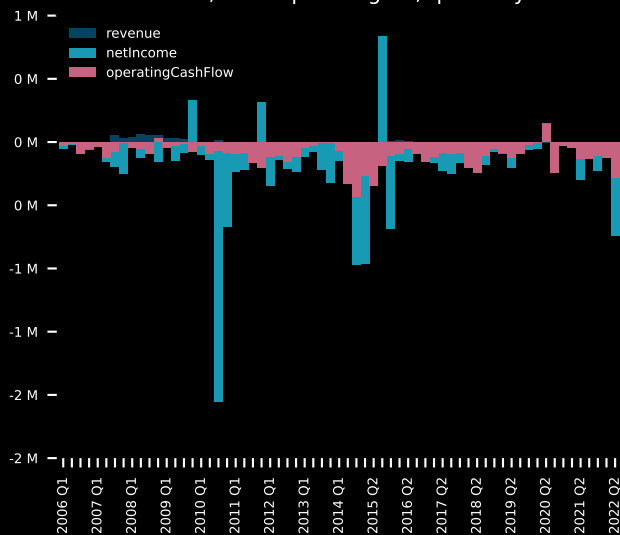


Inventory CF, quarterly

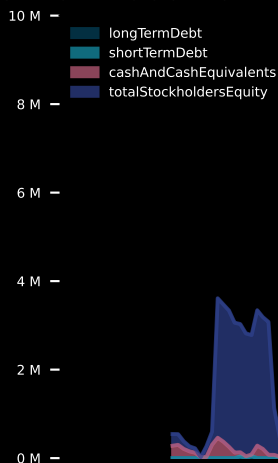


Quartz Mountain Resources Ltd. operates as a mineral exploration company in British Columbia, Canada. It holds a 100% interest in Maestro Project with nine mineral claims located near Houston, British Columbia. It also has a mineral claims purchase agreement with United Mineral Services Ltd. to acquire a 100% interest in the Jake mineral property that consists four staked claims; and an option to purchase a 100% interest in five adjacent claims located to the north of Smithers, British Columbia. The company was formerly known as Quartz Mountain Gold Corp. and changed its name to Quartz Mountain Resources Ltd. in November 1997. Quartz Mountain Resources Ltd. was incorporated in 1982 and is headquartered in Vancouver, Canada.

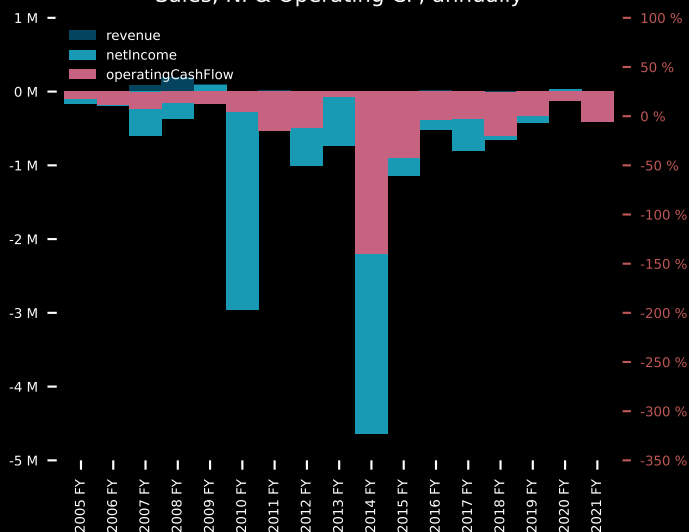
Sales, NI & Operating CF, quarterly



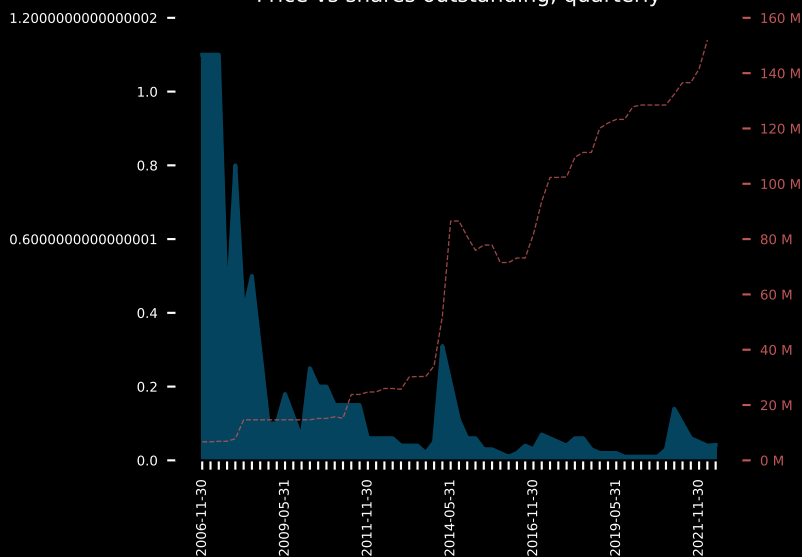
ENRT / Other Industrial Metals & Mining / CA / 2022-



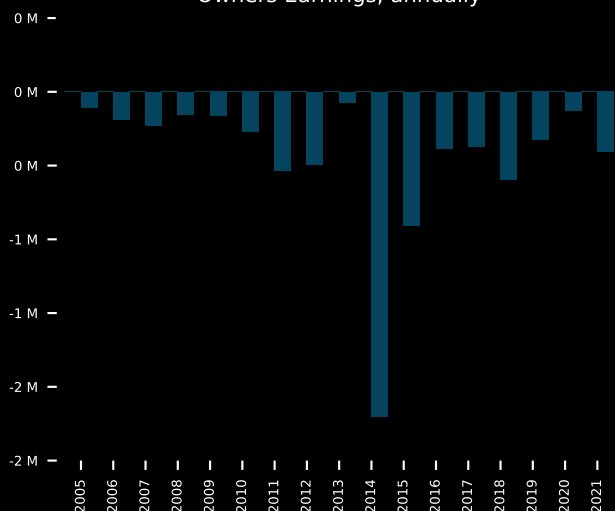
Sales, NI & Operating CF, annually



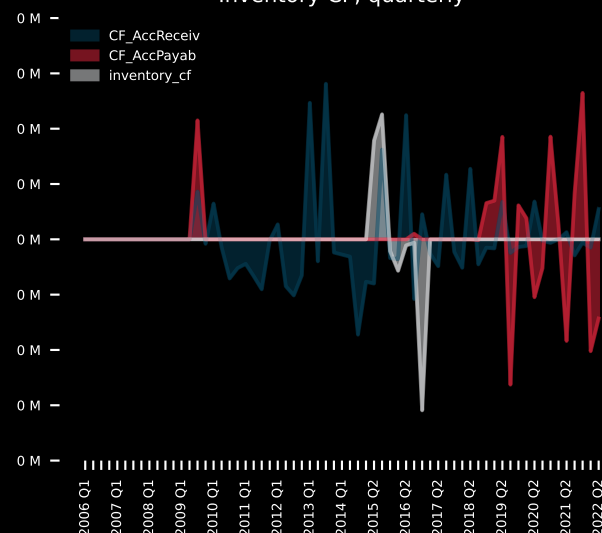
Price vs shares outstanding, quarterly



Owners Earnings, annually

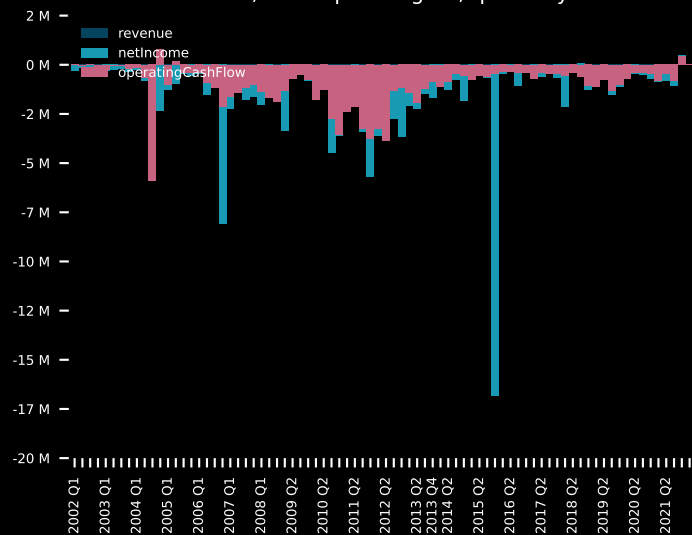


Inventory CF, quarterly

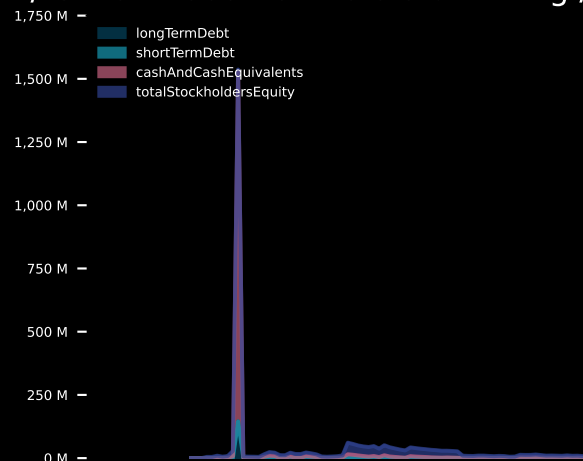


Enertopia Corp., a development stage company, focuses on pursuing business opportunities in the natural resource and technology sectors in Canada. The company holds 100% interests in the lode and placer claims in Clayton Valley, Nevada. Its technology is used to recover and extract battery grade lithium 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.

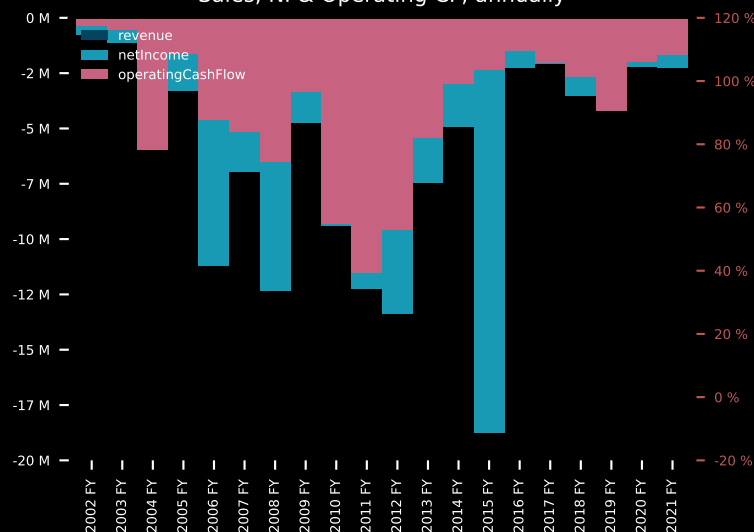
Sales, NI & Operating CF, quarterly



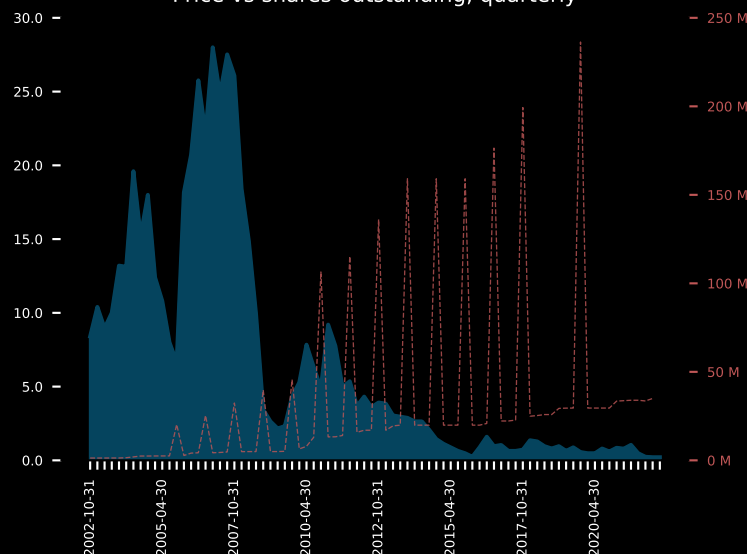
SVBL / Other Industrial Metals & Mining / CA / 2022-06



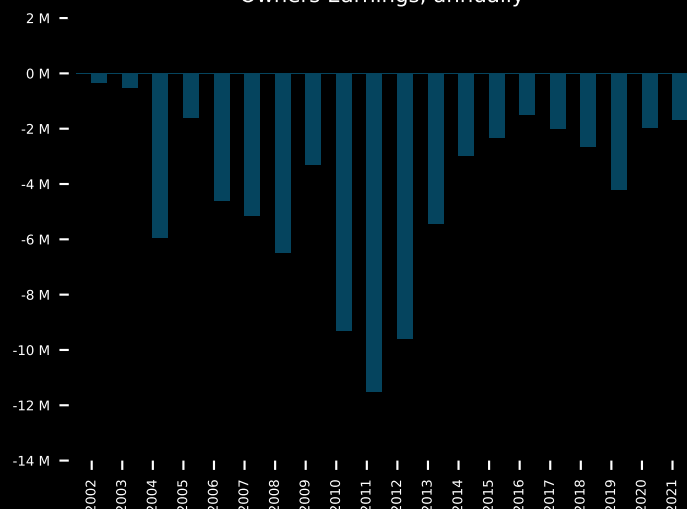
Sales, NI & Operating CF, annually



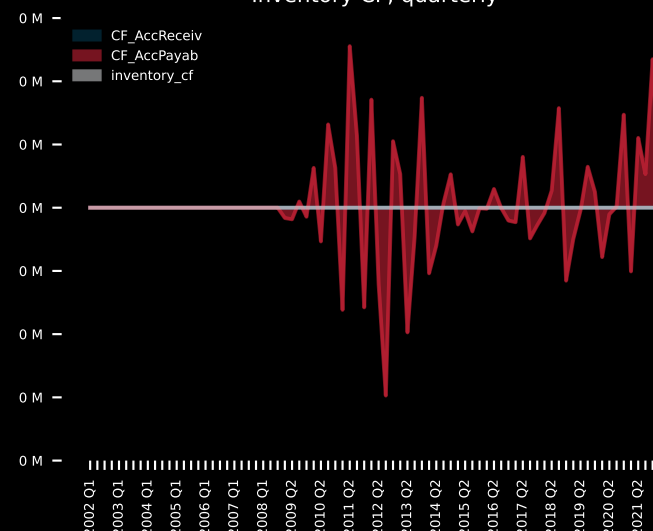
Price vs shares outstanding, quarterly



Owners Earnings, annually

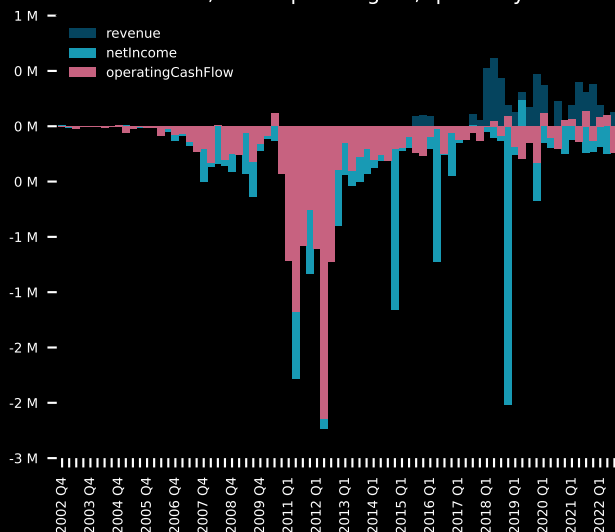


Inventory CF, quarterly

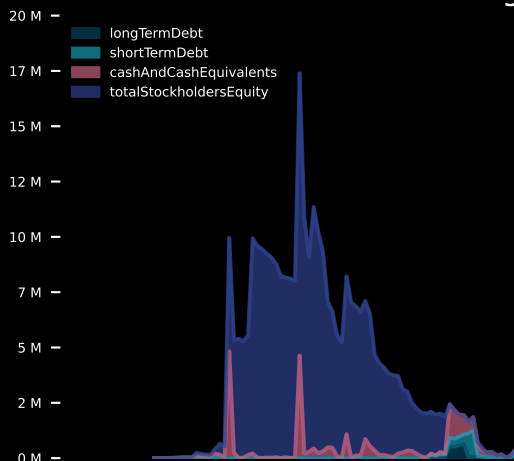


Silver Bull Resources, Inc., an exploration stage company, acquires, explores, and develops mineral properties in Mexico, Kazakhstan, and Canada. It primarily explores for silver and zinc deposits. The company's principal project is the Sierra Mojada property comprising 20 concessions covering an area of 6,496 hectares located in Coahuila, Mexico. It also holds an option to acquire a 100% interest in the Beskauga copper-gold project located in the Pavlodar region of northeastern Kazakhstan. The company was formerly known as Metalline Mining Company and changed its name to Silver Bull Resources, Inc. in April 2011. Silver Bull Resources, Inc. was incorporated in 1993 and is based in Vancouver, Canada.

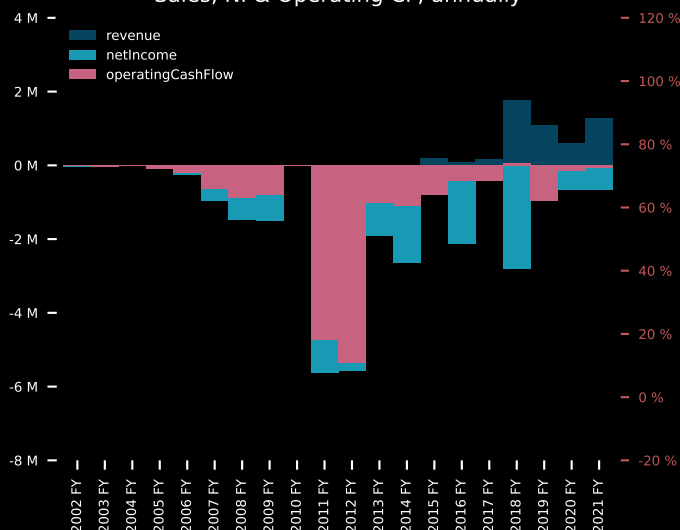
Sales, NI & Operating CF, quarterly



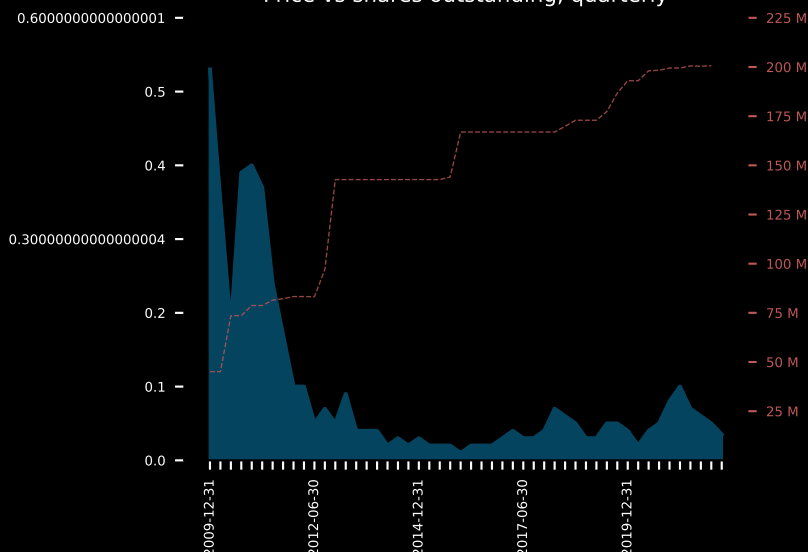
RAREF / Other Industrial Metals & Mining / CA / 2022



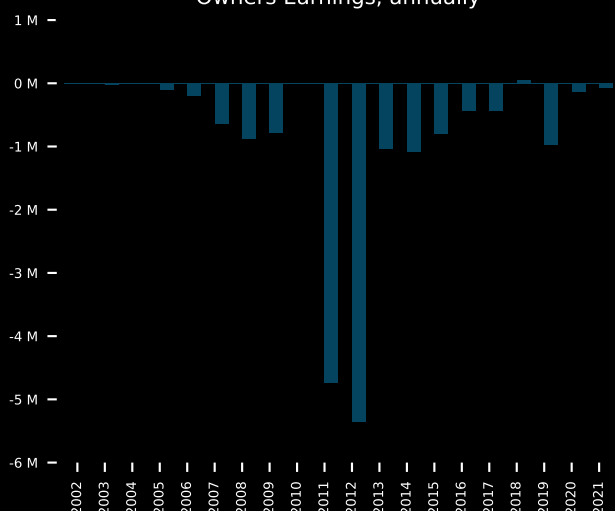
Sales, NI & Operating CF, annually



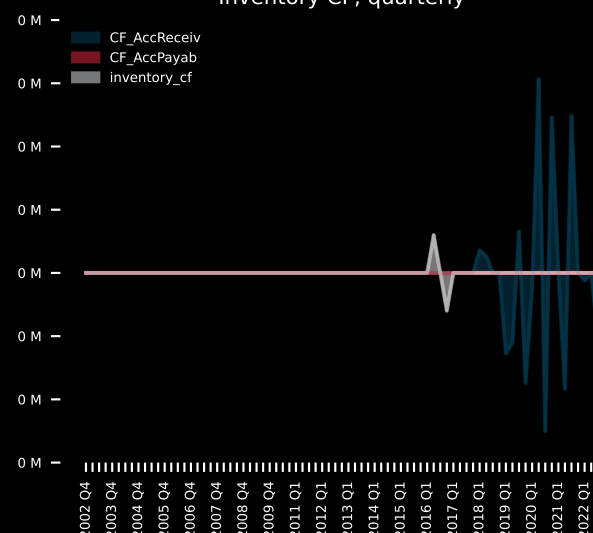
Price vs shares outstanding, quarterly



Owners Earnings, annually

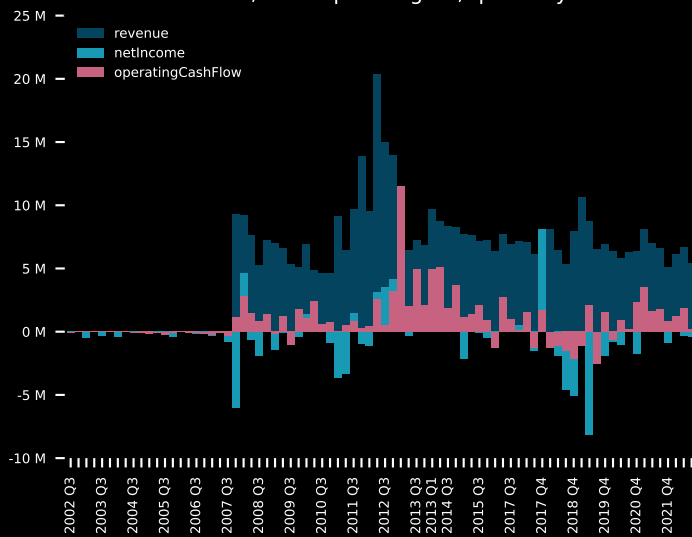


Inventory CF, quarterly

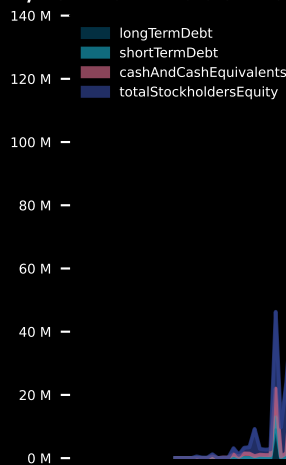


Canada Rare Earth Corp., a development stage company, engages in the exploration and development of rare earth elements in Asia. The company provides high-purity rare earth oxides, rare earth fluorides, larger particle/nano rare earth oxides, and other products. Its products are used in various industries, 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.

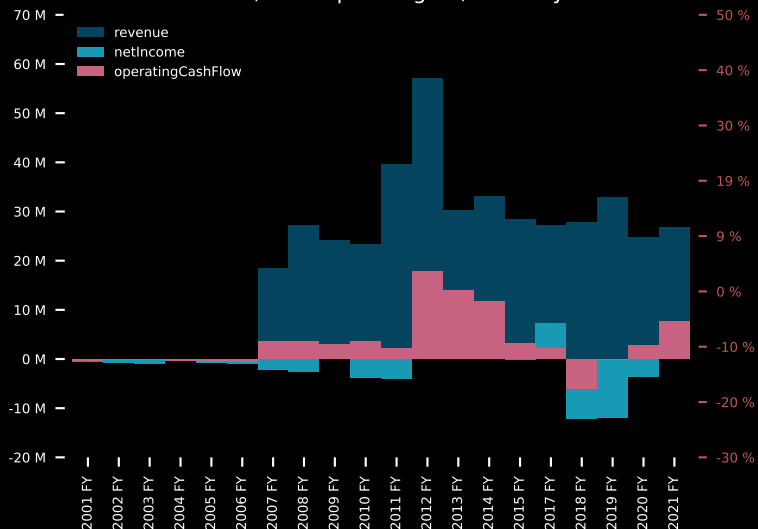
Sales, NI & Operating CF, quarterly



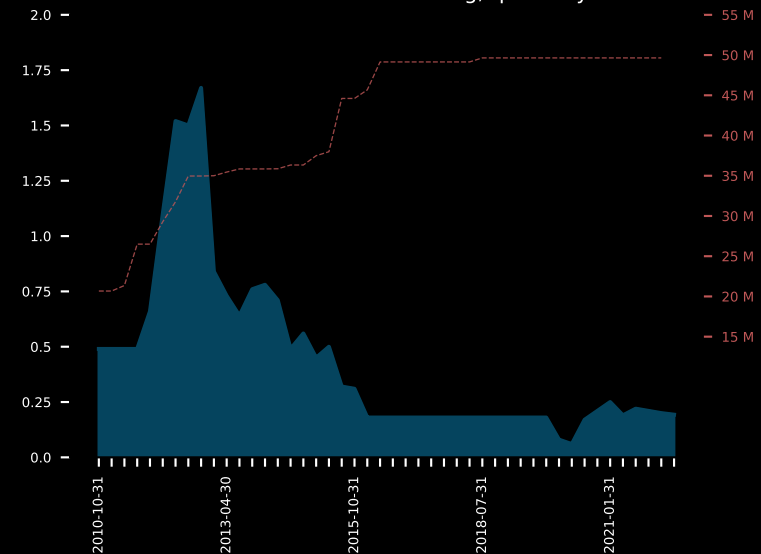
SHVLF / Other Industrial Metals & Mining / CA / 2022-0



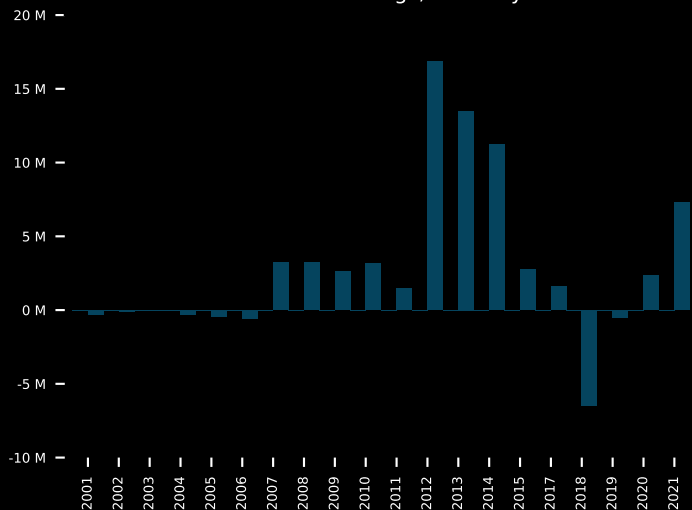
Sales, NI & Operating CF, annually



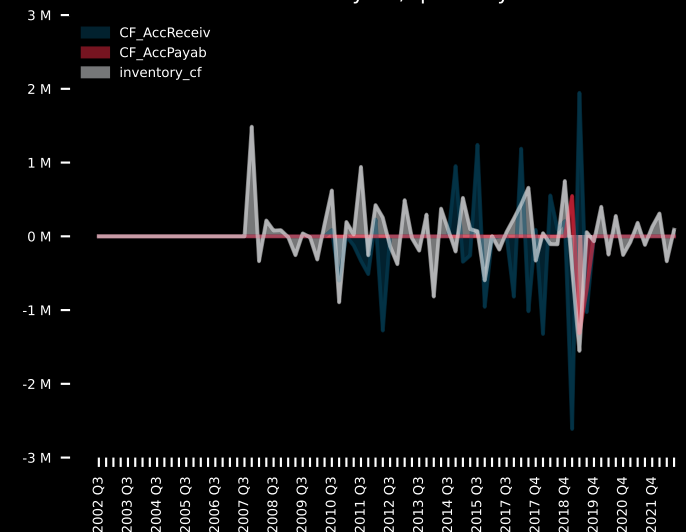
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

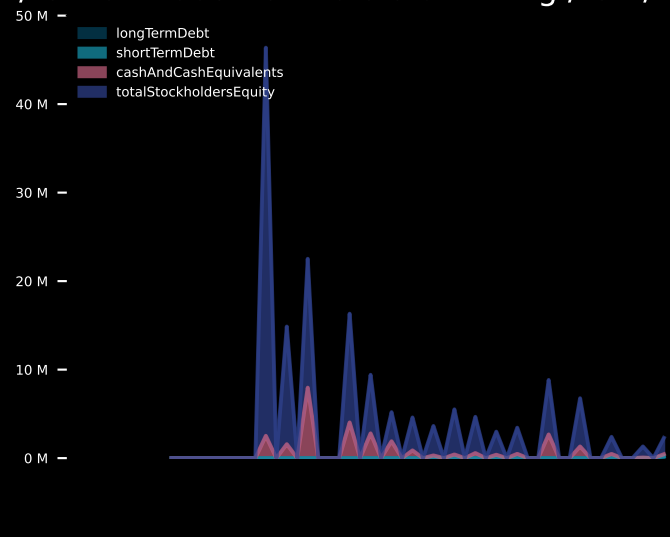


Starcore International Mines Ltd., a mineral resource company, explores for, develops, and produces mineral resources in Mexico. The company explores for gold and silver deposits. Its principal property is the San Martin mine that consists of 8 mining claims covering an area of 12,991 hectares located 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.

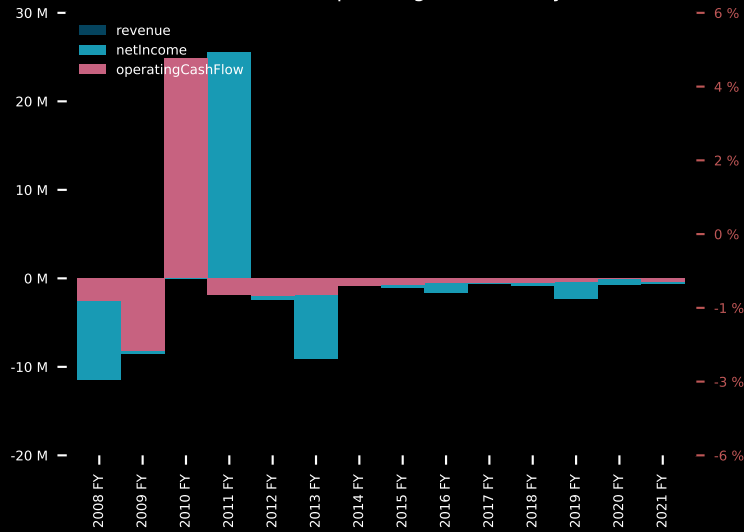
Sales, NI & Operating CF, quarterly



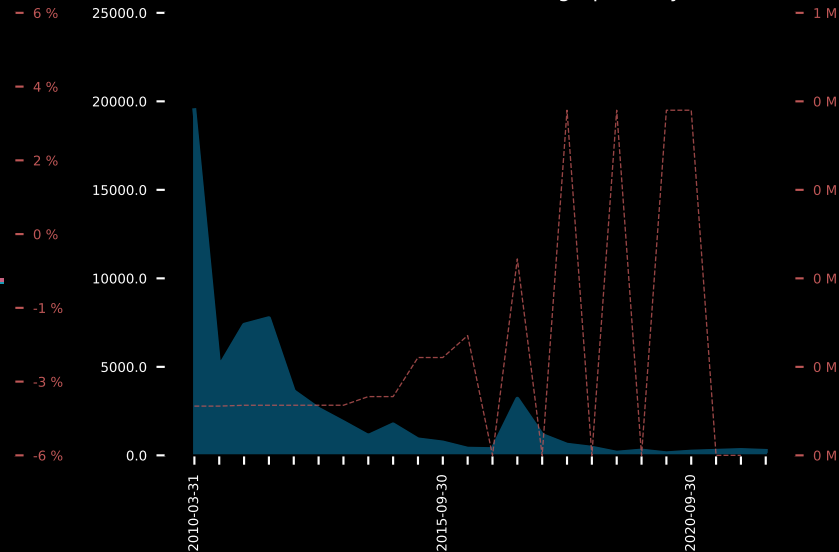
URU.L / Other Industrial Metals & Mining / CA / 2022-0



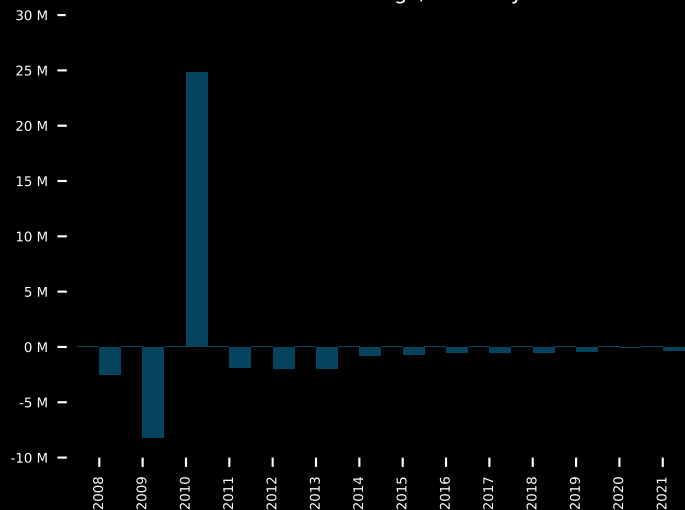
Sales, NI & Operating CF, annually



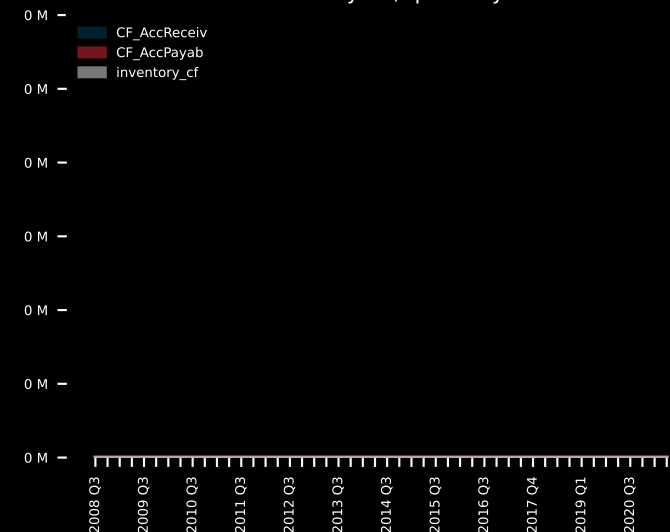
Price vs shares outstanding, quarterly



Owners Earnings, annually

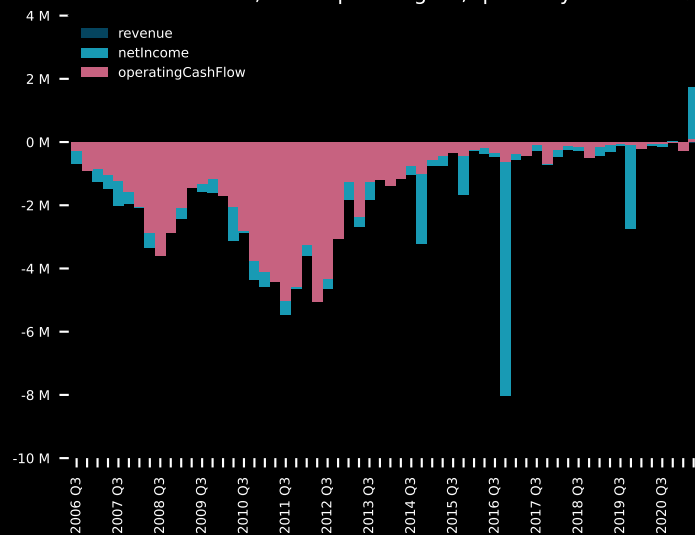


Inventory CF, quarterly

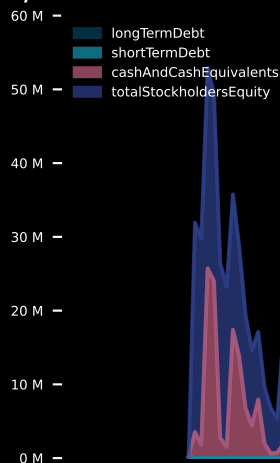


URU Metals Limited engages in the exploration and development of mineral projects primarily in South Africa. The company explores for uranium, oil, nickel, copper, and platinum group metals. Its flagship property is the Zebedelia Nickel Project located in the Limpopo Province of South Africa. The company was formerly known as Niger Uranium Limited and changed its name to URU Metals Limited. URU Metals Limited was incorporated in 2007 and is based in Toronto, Canada.

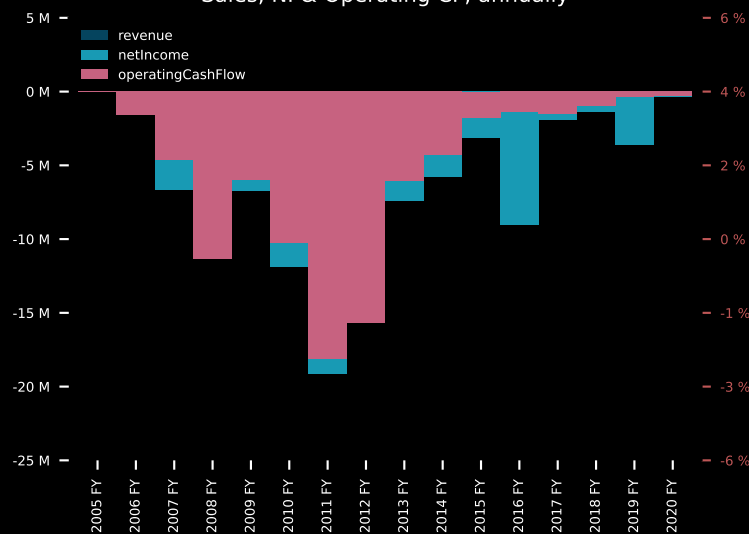
Sales, NI & Operating CF, quarterly



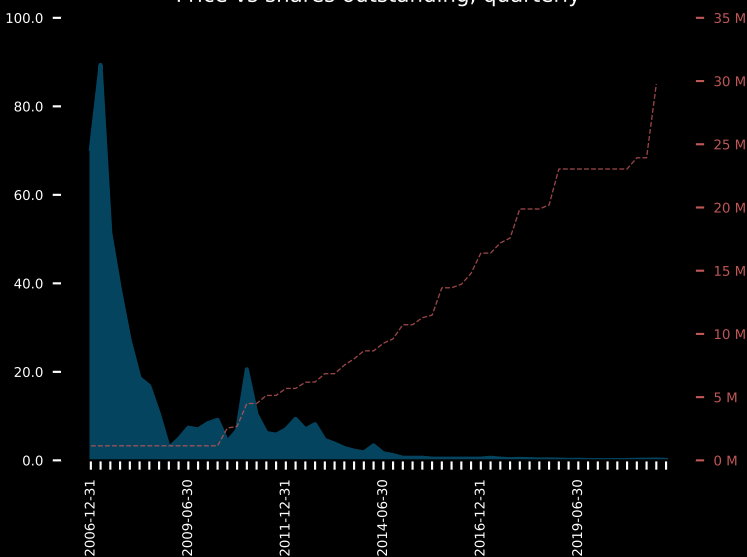
UWEEF / Other Industrial Metals & Mining / CA / 2022-0



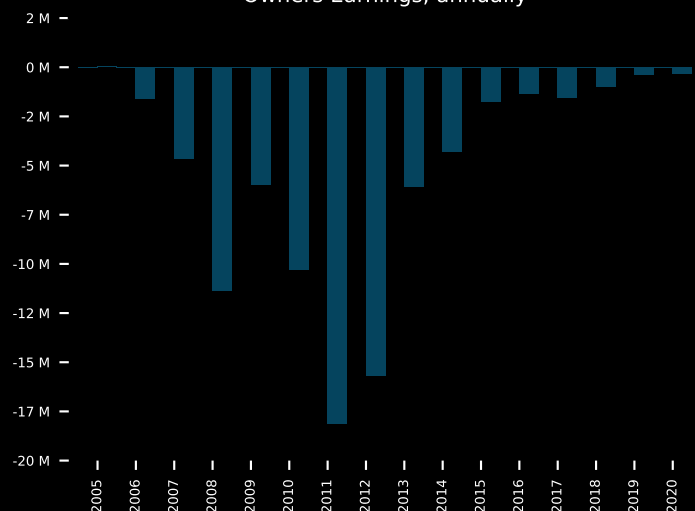
Sales, NI & Operating CF, annually



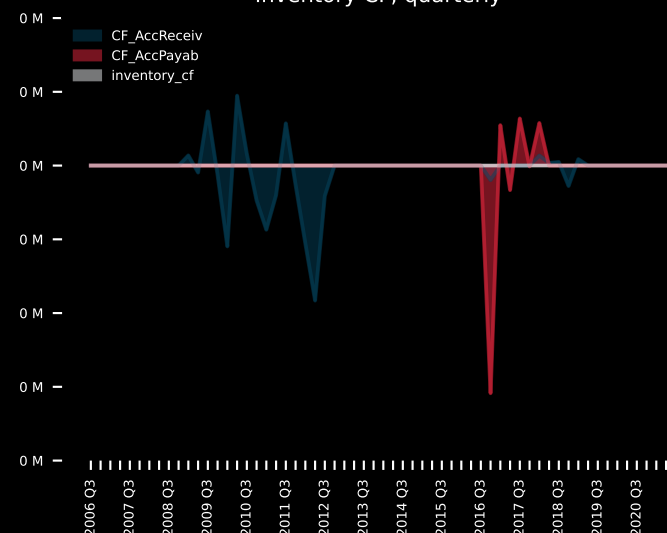
Price vs shares outstanding, quarterly



Owners Earnings, annually

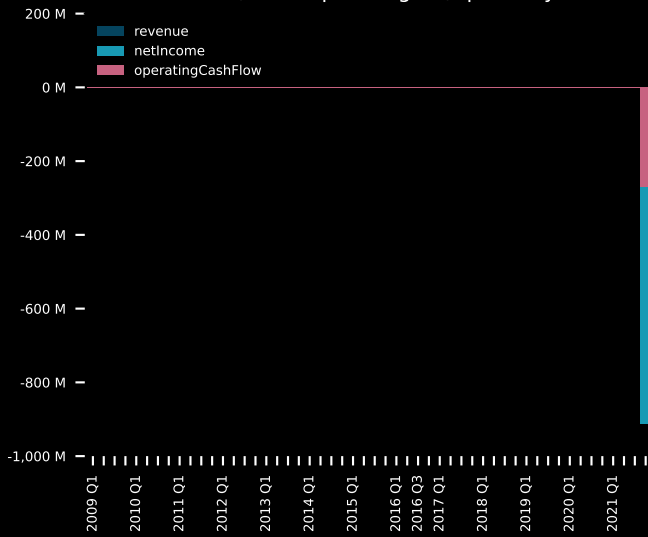


Inventory CF, quarterly

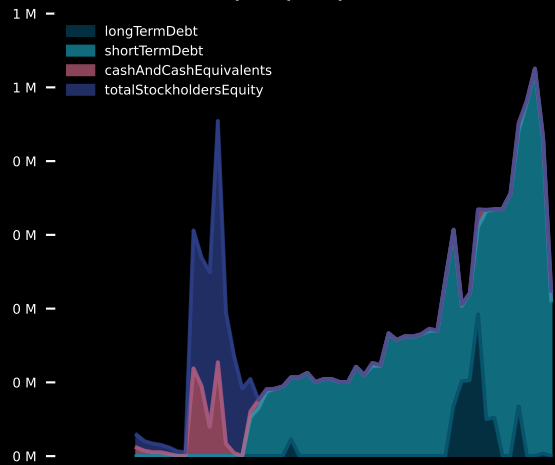


U308 Corp. focuses on the exploration, development, and evaluation of uranium properties in South America. The company also explores for vanadium, nickel, zinc, phosphate, yttrium, neodymium, molybdenum, rhenium, and other metals. Its flagship property is the Berlin project located in Caldas province of central Colombia. The company was incorporated in 2005 and is based in Toronto, Canada.

Sales, NI & Operating CF, quarterly



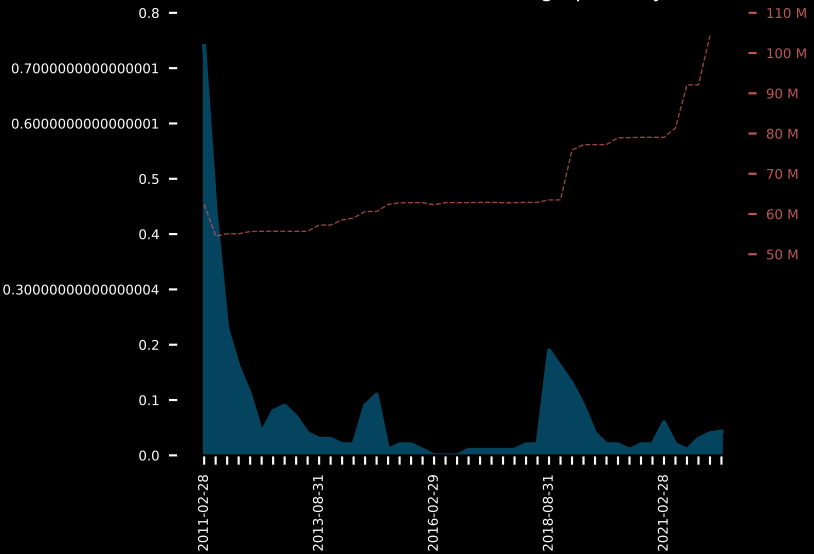
CCOB / 0 / 0 / 2022-06-25



Sales, NI & Operating CF, annually



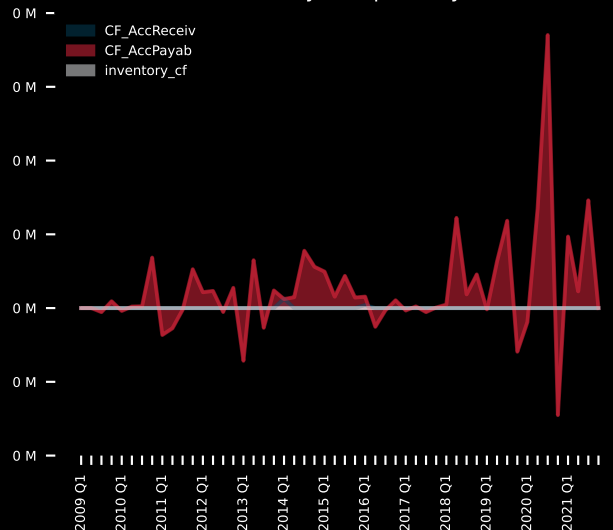
Price vs shares outstanding, quarterly



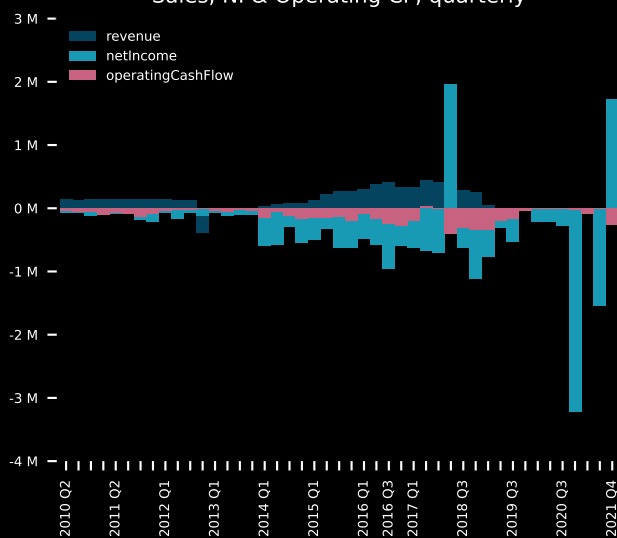
Owners Earnings, annually



Inventory CF, quarterly



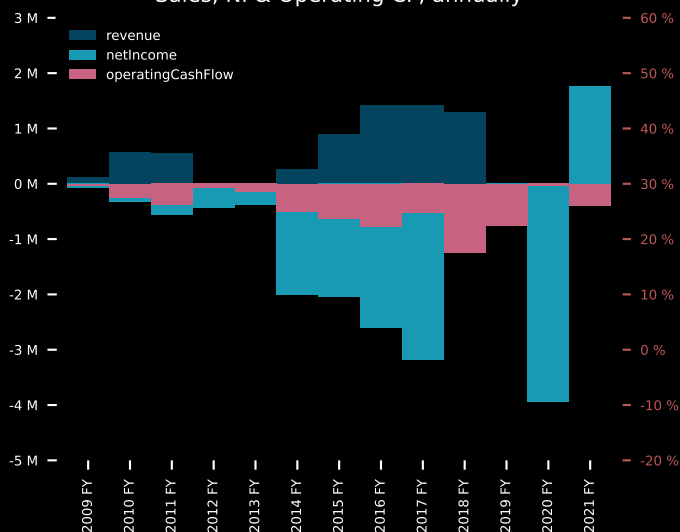
Sales, NI & Operating CF, quarterly



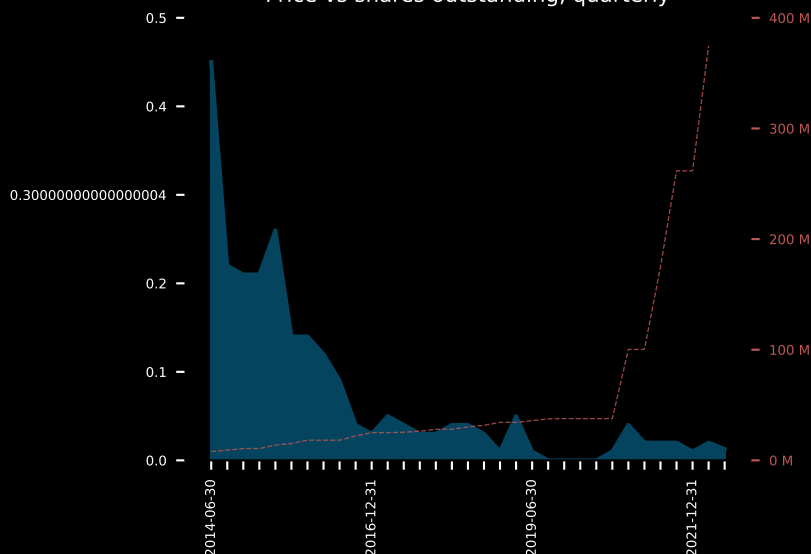
BOXS / Other Industrial Metals & Mining / US / 2022-



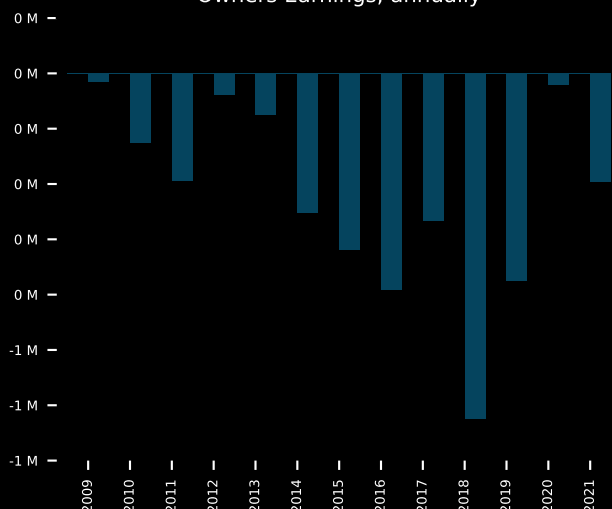
Sales, NI & Operating CF, annually



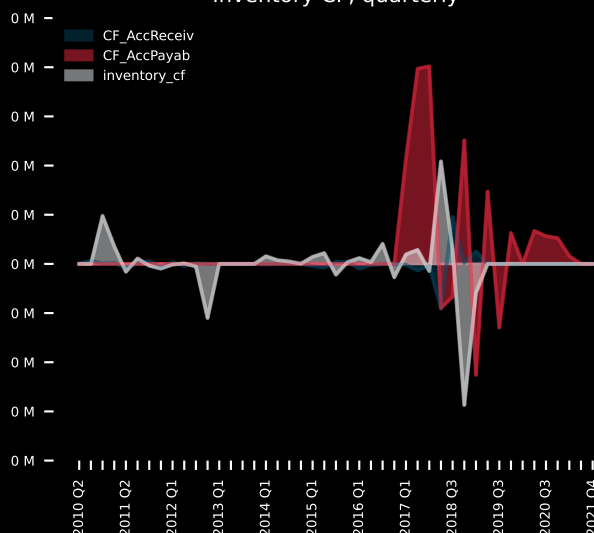
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

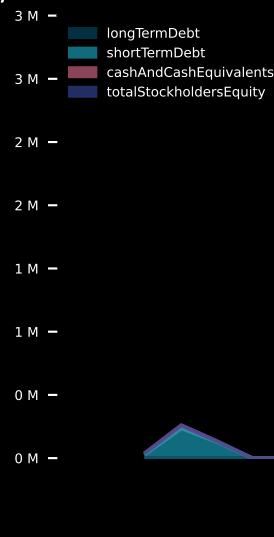


BoxScore Brands, Inc., a renewable energy company, focuses on the extraction, refining, and distribution of technical minerals. Its project consists of 102 Federal mining claims located in the Lisbon Valley of Utah. The company was formerly known as U-Vend, Inc. and changed its name to BoxScore Brands,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

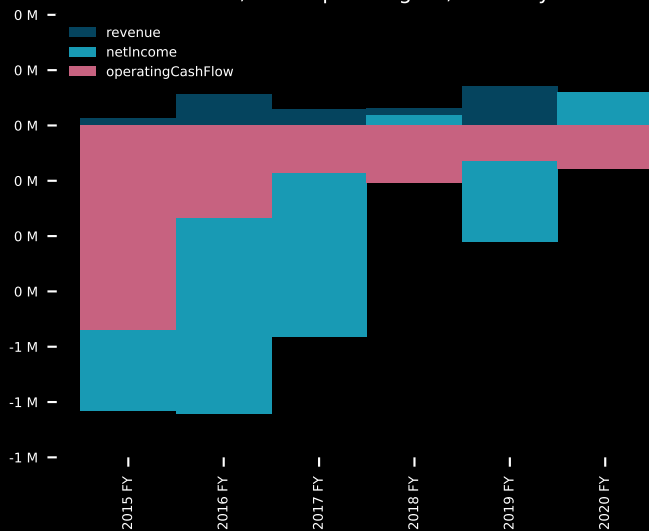
Sales, NI & Operating CF, quarterly



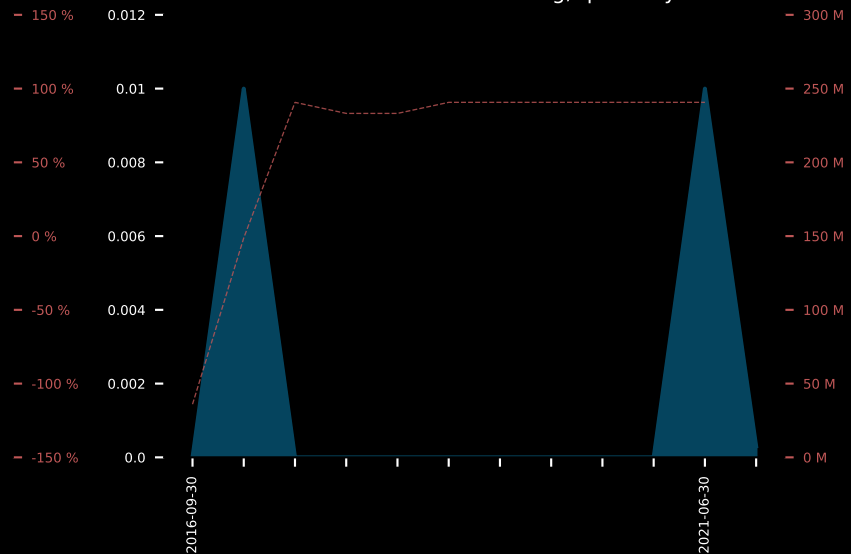
DLCR / Other Industrial Metals & Mining / US / 2022-06-30



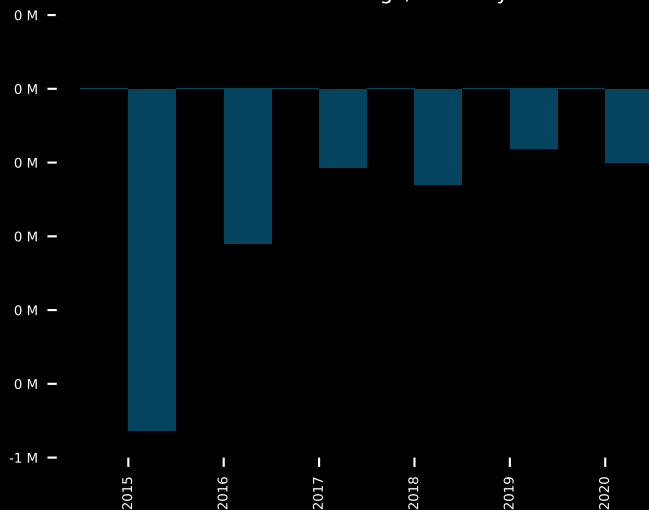
Sales, NI & Operating CF, annually



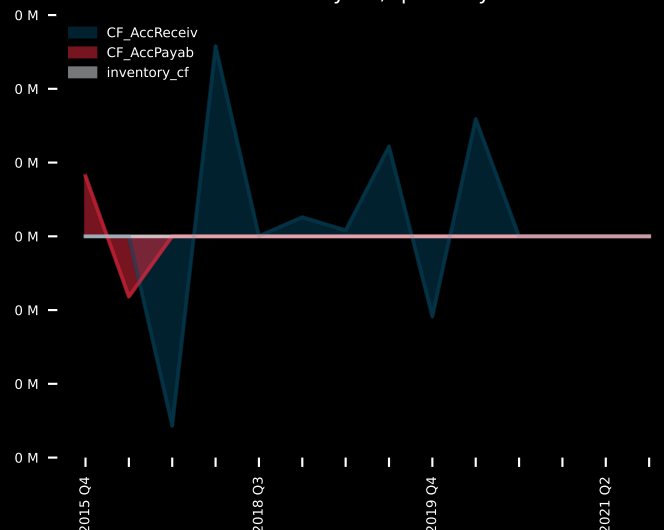
Price vs shares outstanding, quarterly



Owners Earnings, annually

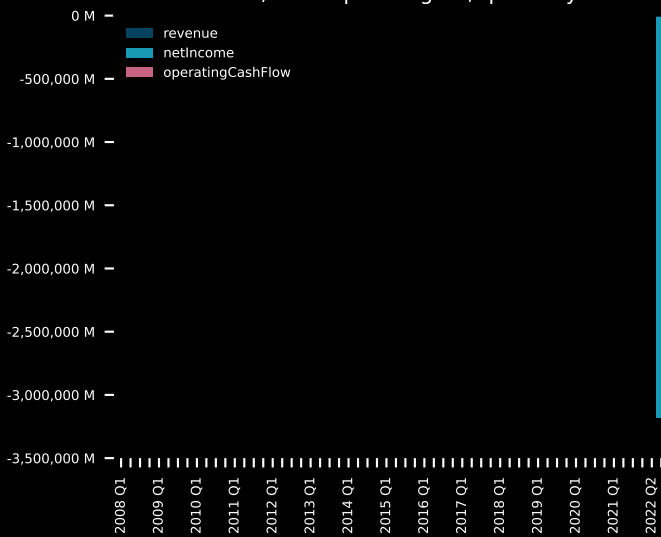


Inventory CF, quarterly

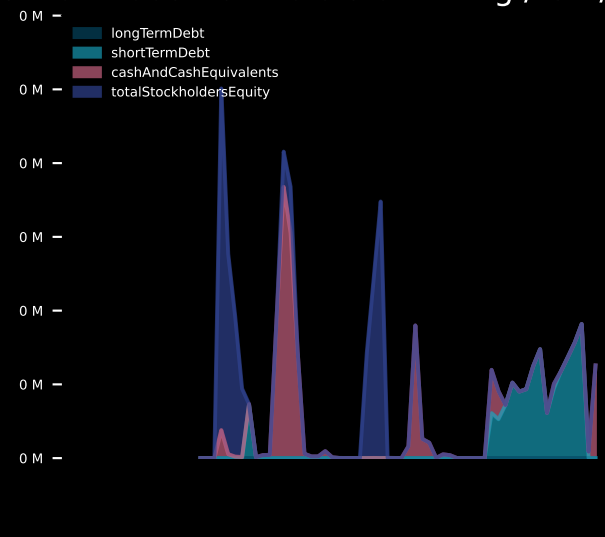


Kibush Capital Corporation, through its subsidiary, Aqua Mining Limited, operates as a mineral and natural resources exploration company in Papua New Guinea. The company primarily focuses on the exploration of gold. It is also involved in the timber logging and processing activities. The company was formerly known as David Loren Corporation and changed its name to Kibush Capital Corporation in August 2013. Kibush Capital Corporation was incorporated in 2005 and is based in Scottsdale, Arizona.

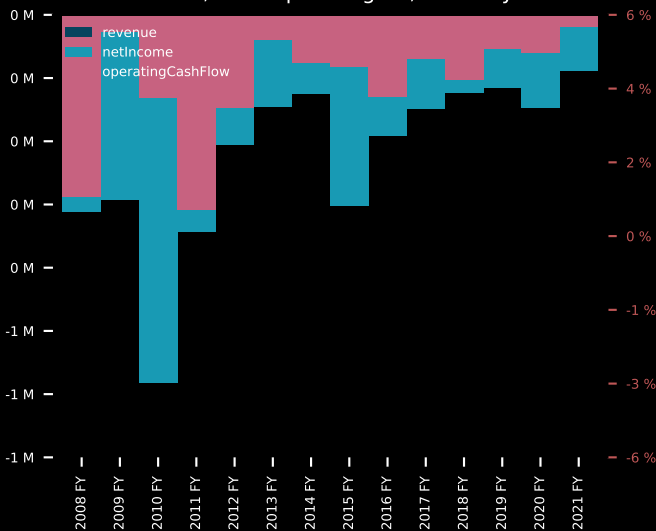
Sales, NI & Operating CF, quarterly



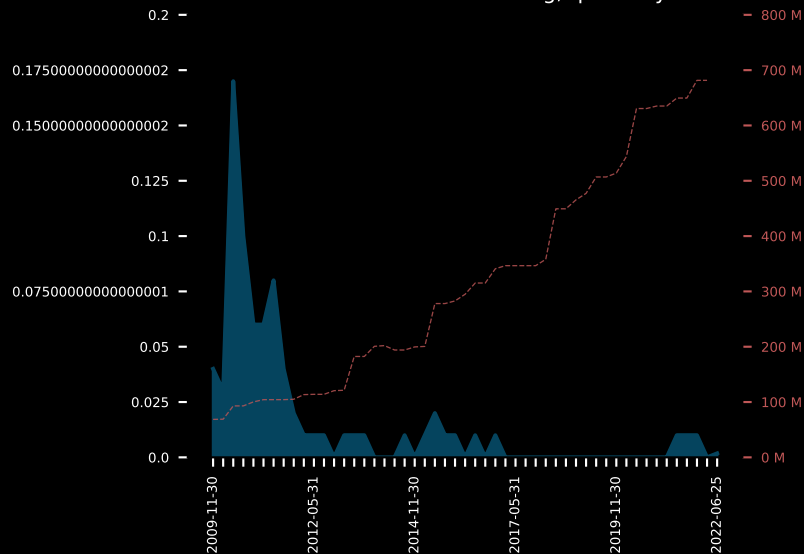
WOLV / Other Industrial Metals & Mining / CA / 2022



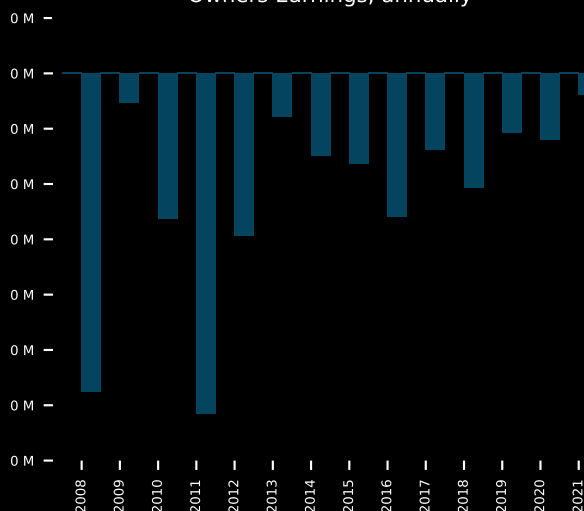
Sales, NI & Operating CF, annually



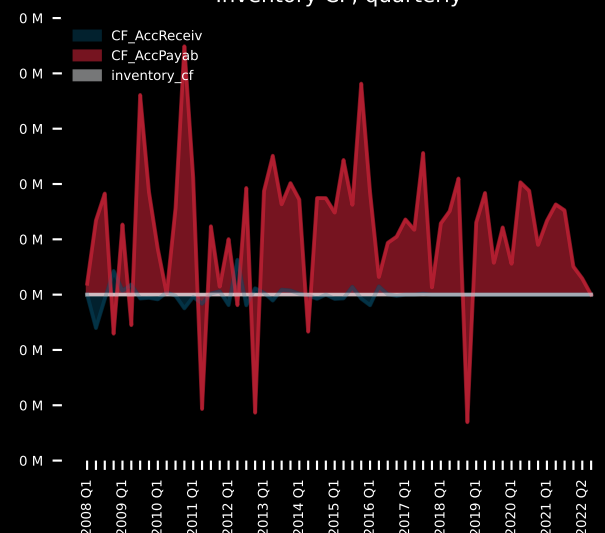
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly

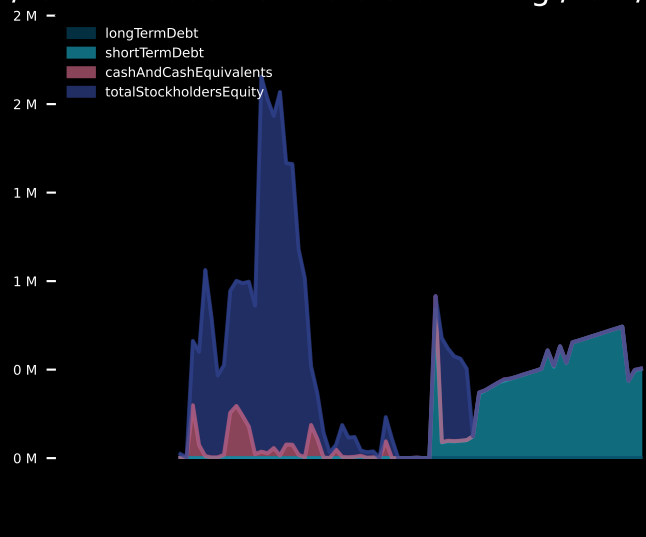


Wolverine Technologies Corp., an exploration stage mining company, engages in the identification, acquisition, and exploration of metals and minerals with a focus on base and precious metals. The company explores for gold and copper deposits. It holds interest in the Cache River Property, which consists of 53 mineral claims covering an area of approximately 1,325 hectares located to the west of Goose Bay, Labrador, Canada. The company was formerly known as Wolverine Exploration Inc. and changed its name to Wolverine Technologies Corp. in August 2015. Wolverine Technologies Corp. was incorporated in 2006 and is based in Richmond, Canada.

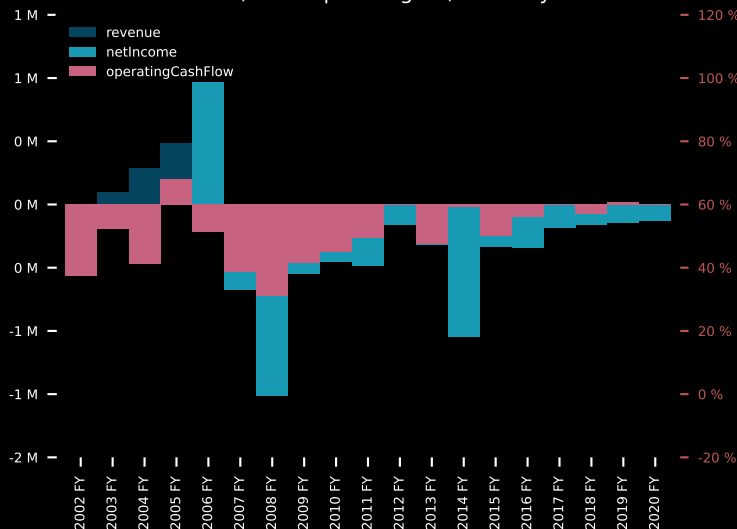
Sales, NI & Operating CF, quarterly



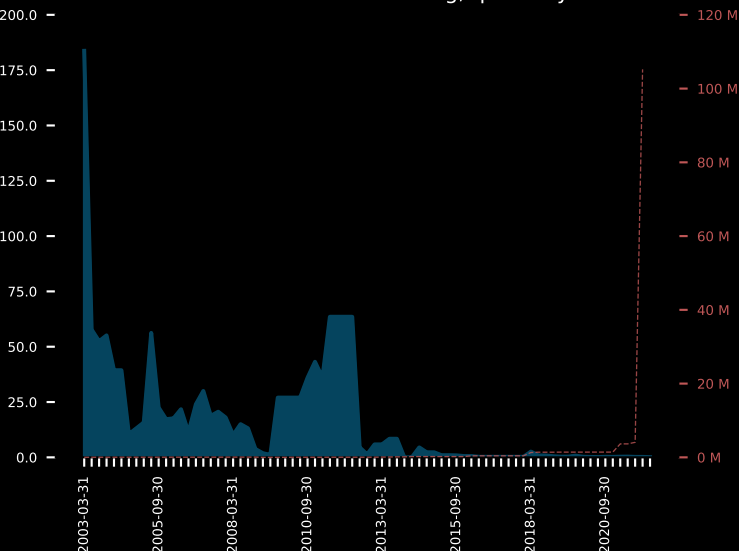
HHHEF / Other Industrial Metals & Mining / CA / 2022-0



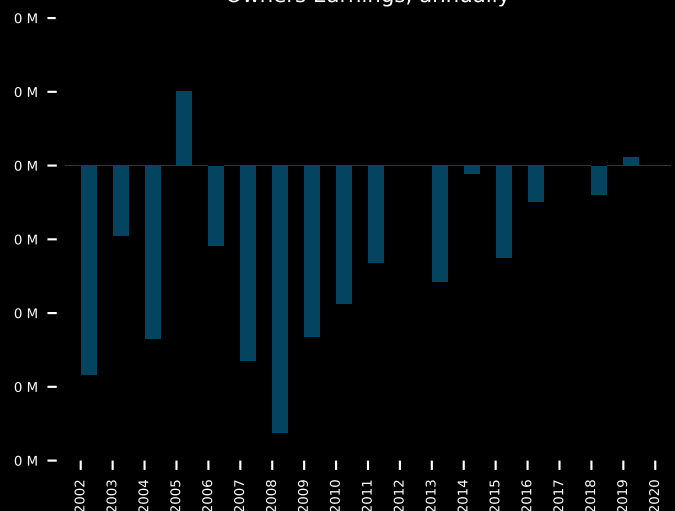
Sales, NI & Operating CF, annually



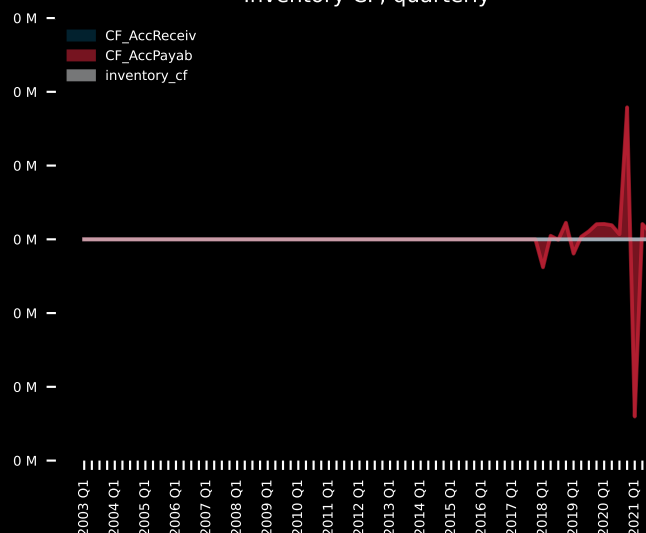
Price vs shares outstanding, quarterly



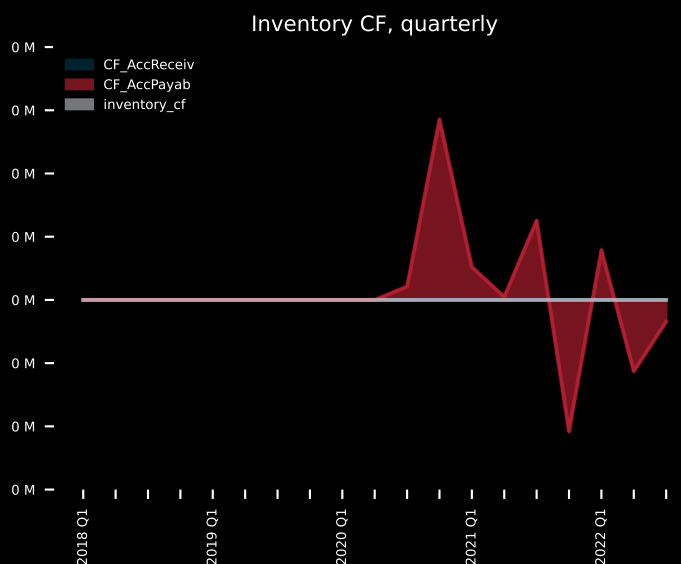
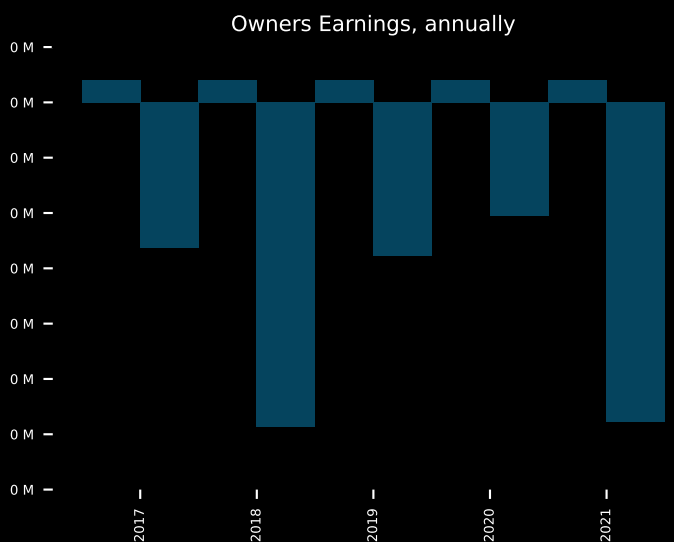
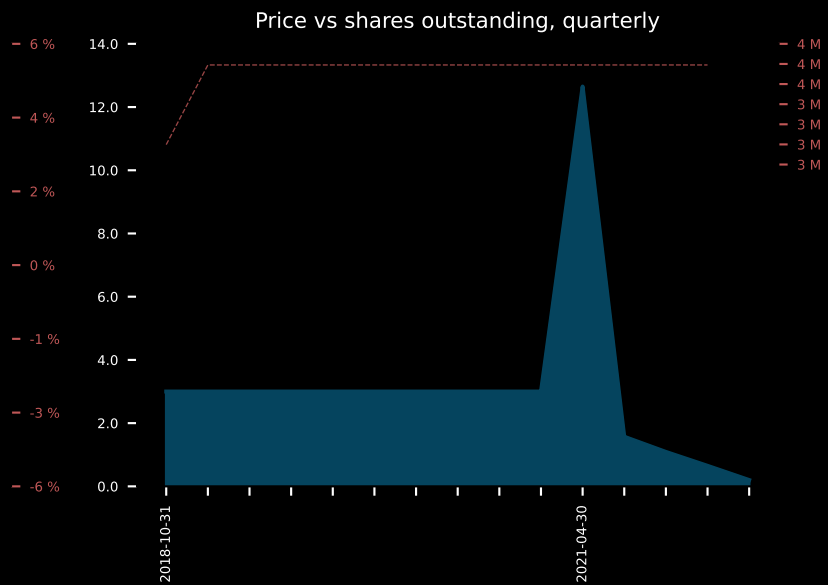
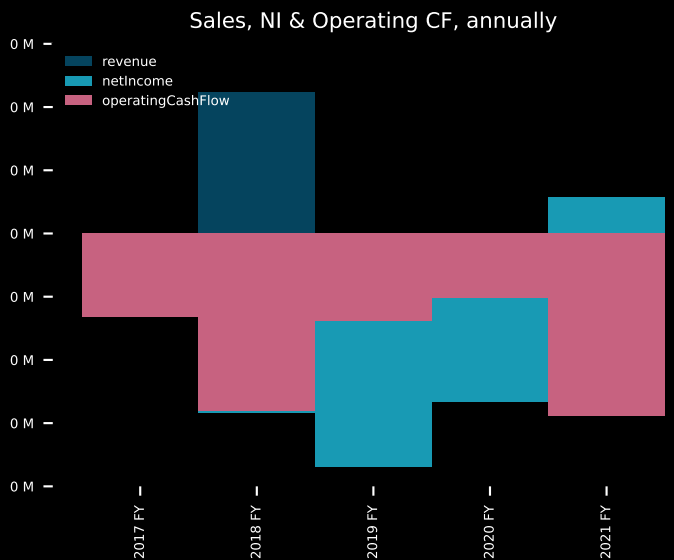
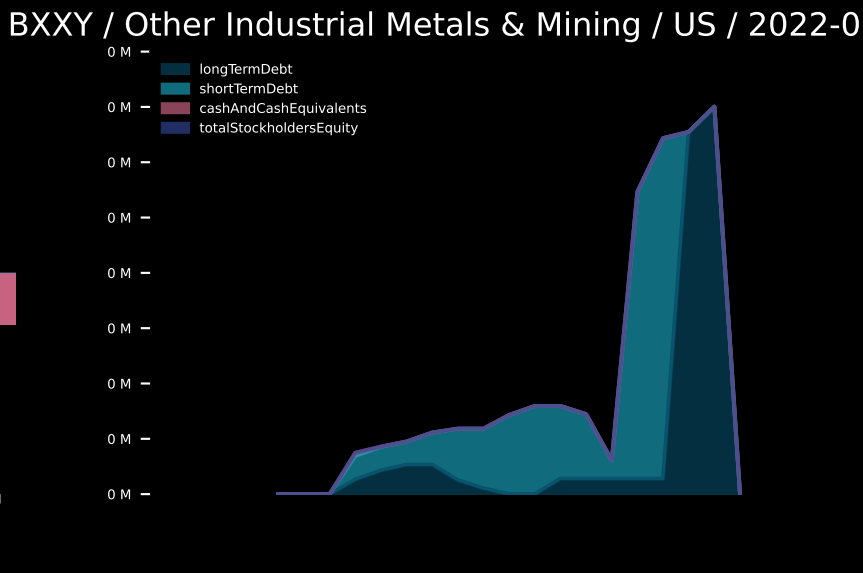
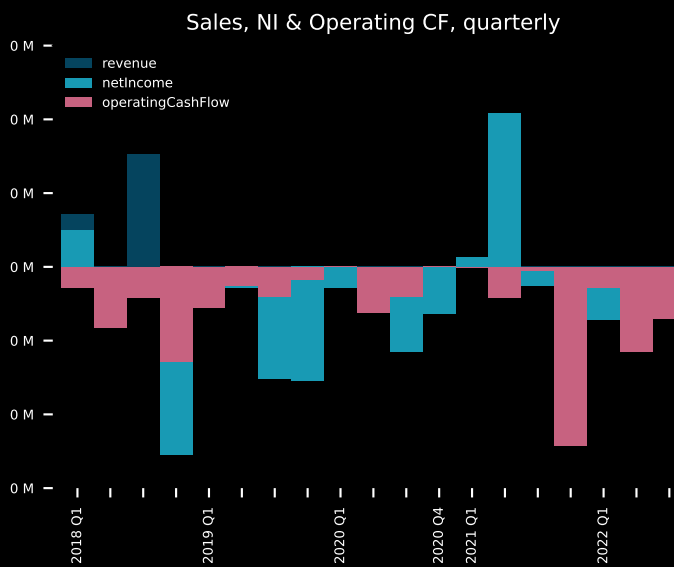
Owners Earnings, annually



Inventory CF, quarterly

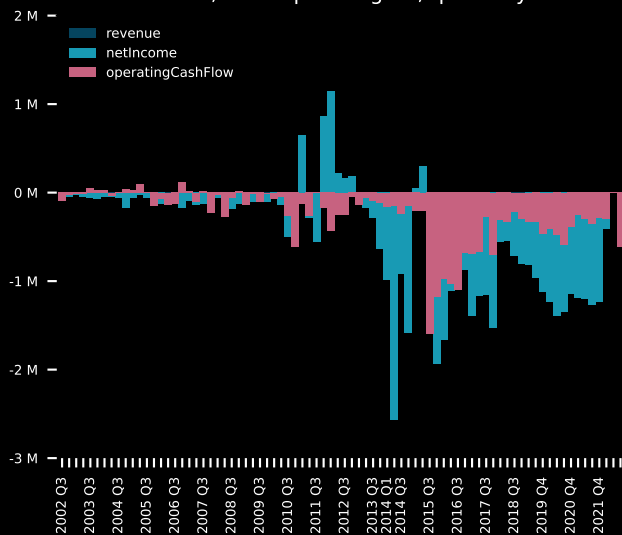


37 Capital Inc., a junior mineral exploration company, acquires, explores, and develops natural resource properties in Canada. The company has a 100% interest in the Extra High claims covering an area of 650 hectares located to the northeast of Kamloops, British Columbia. It also has an option agreement 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.

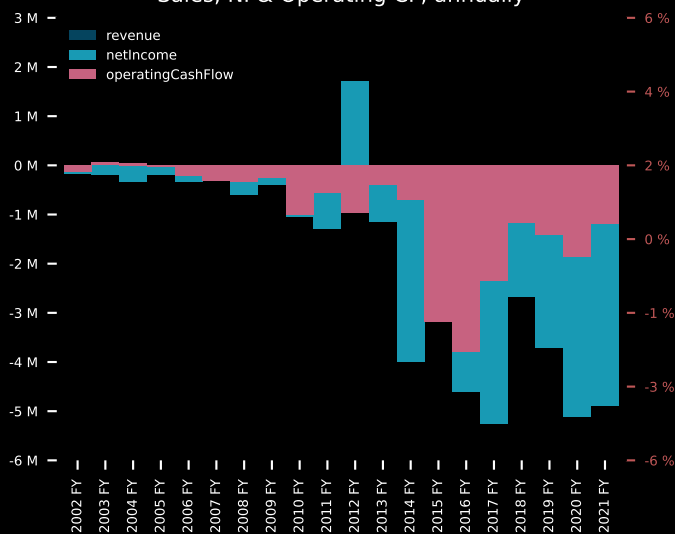
Sales, NI & Operating CF, quarterly



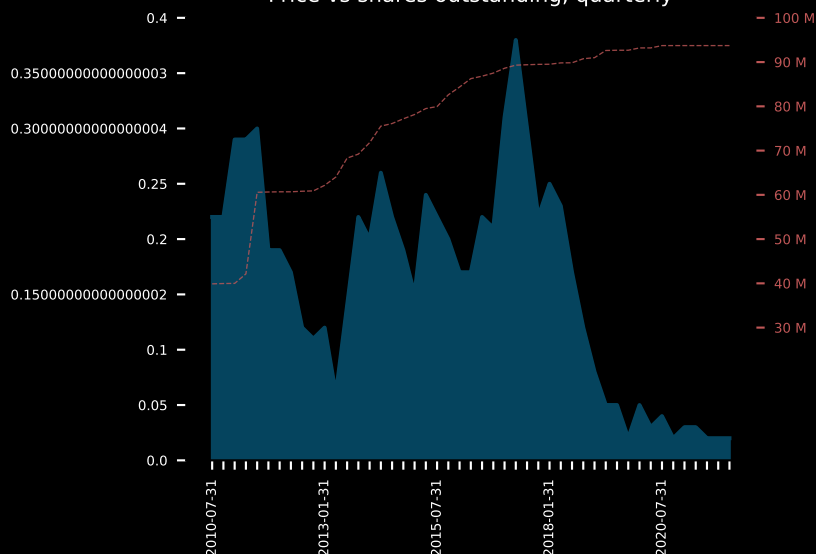
IMAHF / Other Industrial Metals & Mining / CA / 2022-



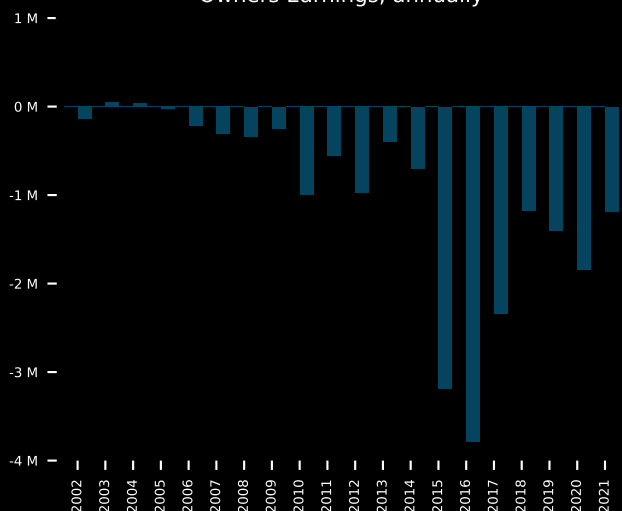
Sales, NI & Operating CF, annually



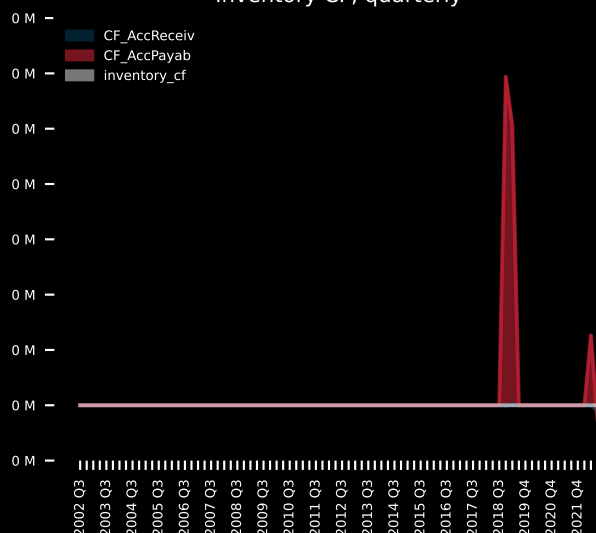
Price vs shares outstanding, quarterly



Owners Earnings, annually

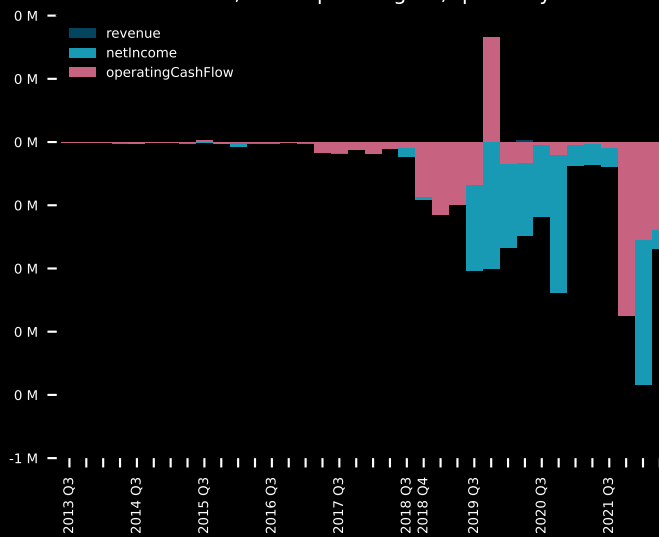


Inventory CF, quarterly

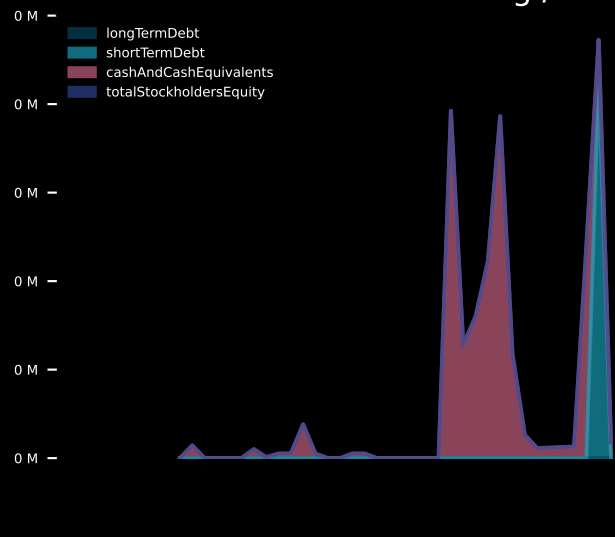


I-Minerals Inc. engages in the exploration, evaluation, and development of mineral properties in the United States. The company develops quartz, potassium feldspar, halloysite, kaolinite, and metakaolin deposits. It holds a 100% interest in the Helmer-Bovill property comprising 11 mineral leases that 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.

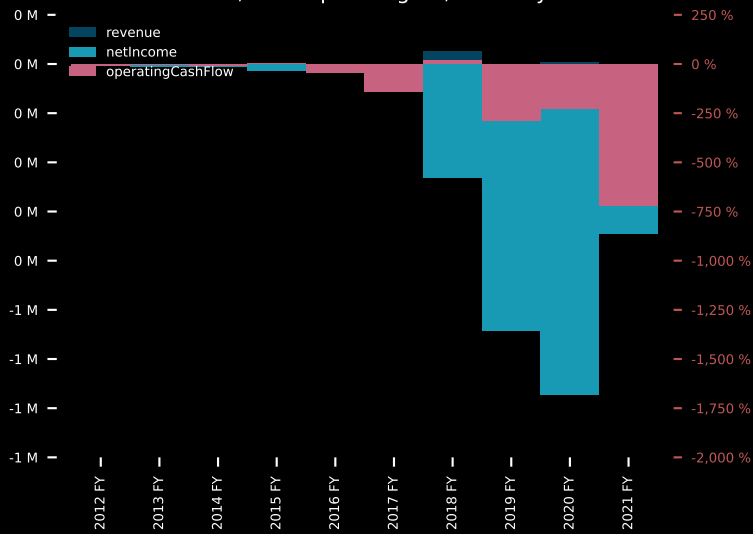
Sales, NI & Operating CF, quarterly



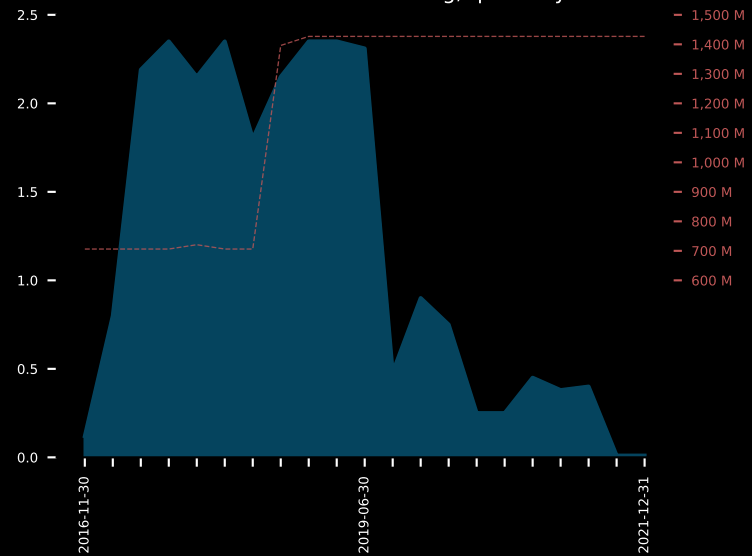
NINK / Other Industrial Metals & Mining / US / 2022-06



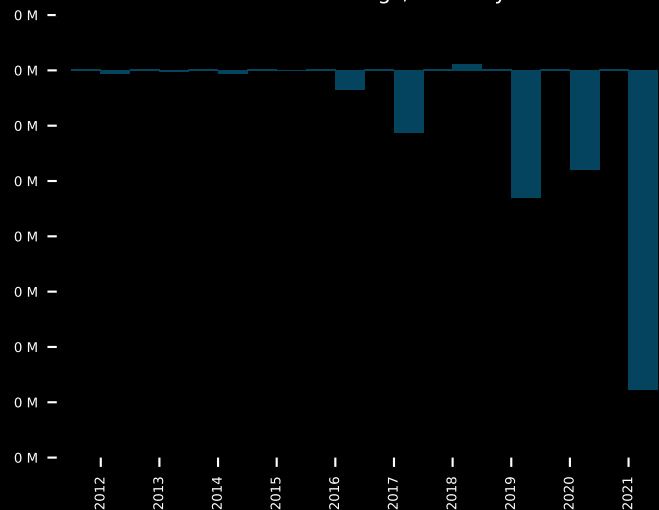
Sales, NI & Operating CF, annually



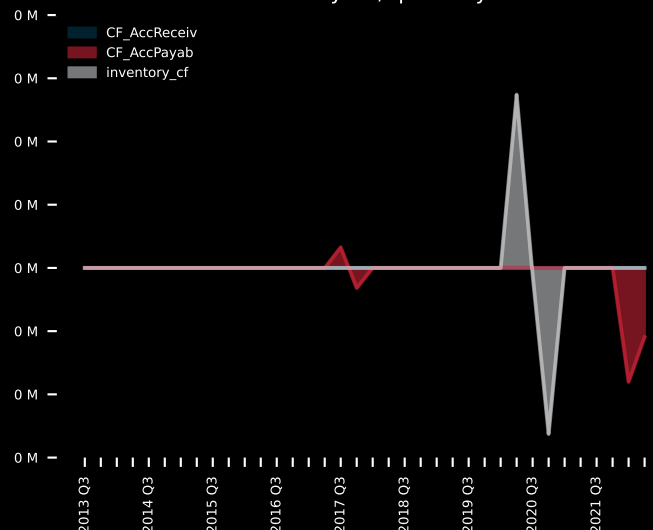
Price vs shares outstanding, quarterly



Owners Earnings, annually

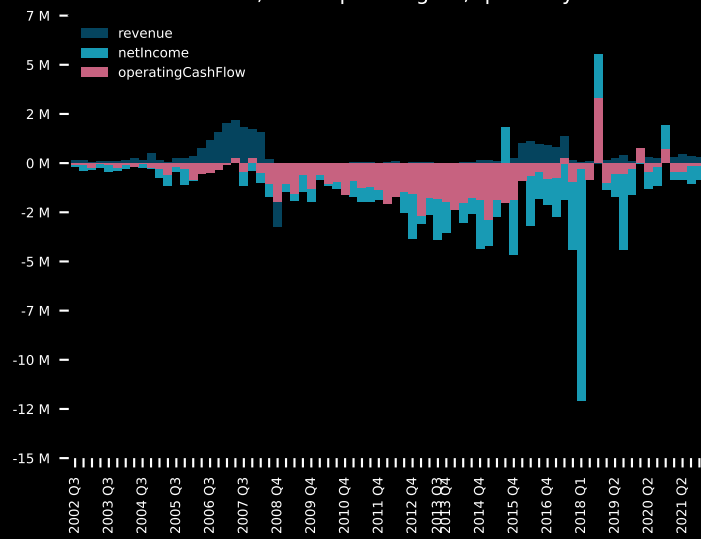


Inventory CF, quarterly



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.

Sales, NI & Operating CF, quarterly



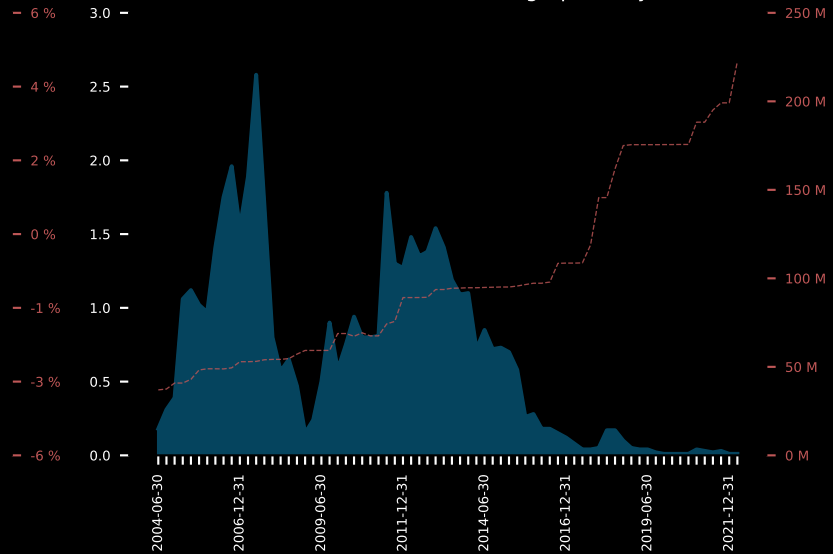
AMNL / 0 / 0 / 2022-06-24



Sales, NI & Operating CF, annually



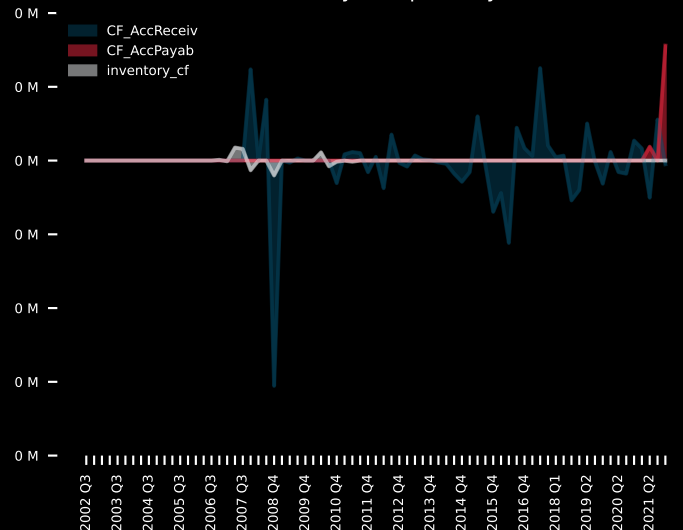
Price vs shares outstanding, quarterly



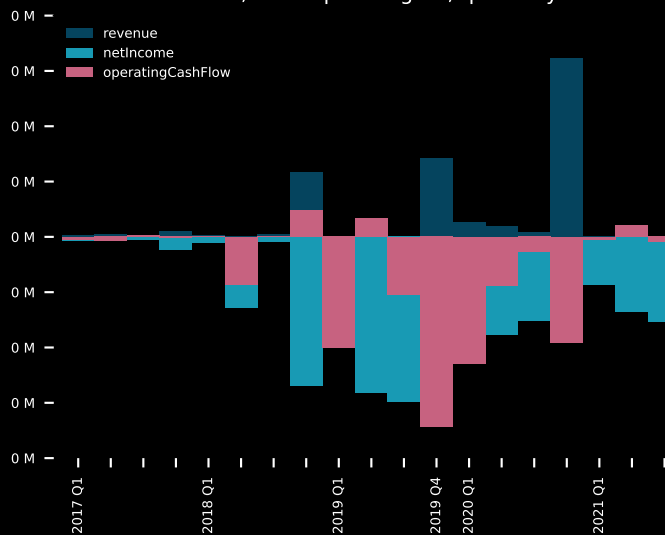
Owners Earnings, annually



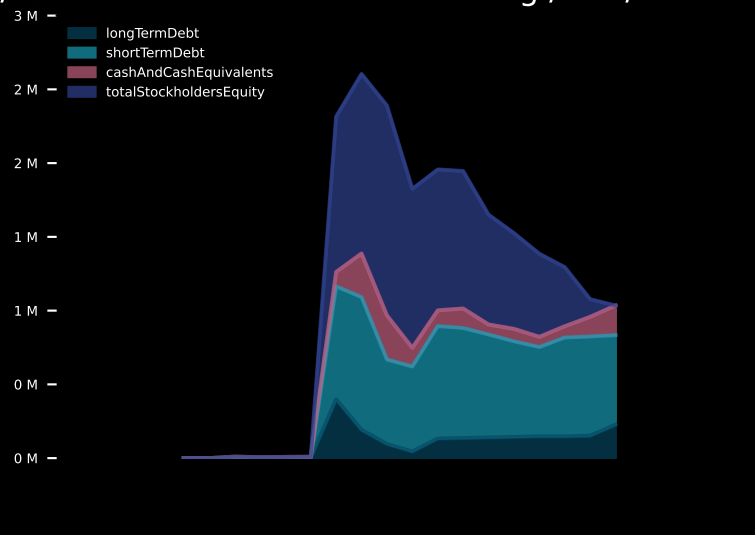
Inventory CF, quarterly



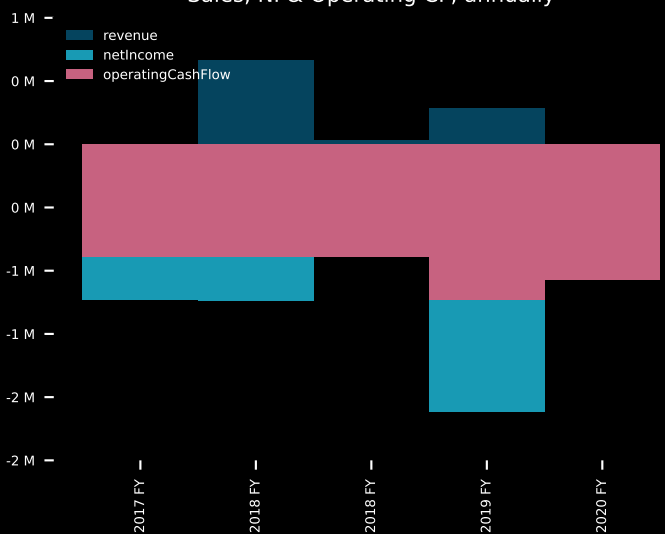
Sales, NI & Operating CF, quarterly



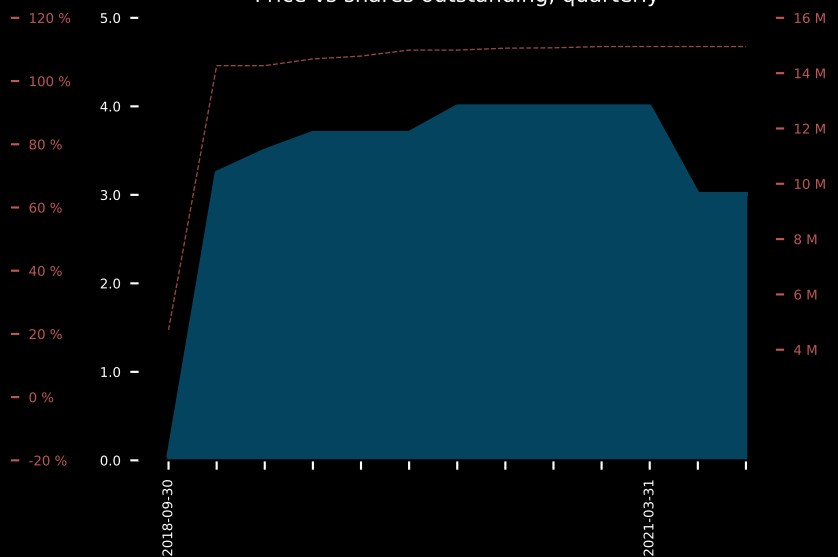
TGSI / Other Industrial Metals & Mining / HK / 2022-06



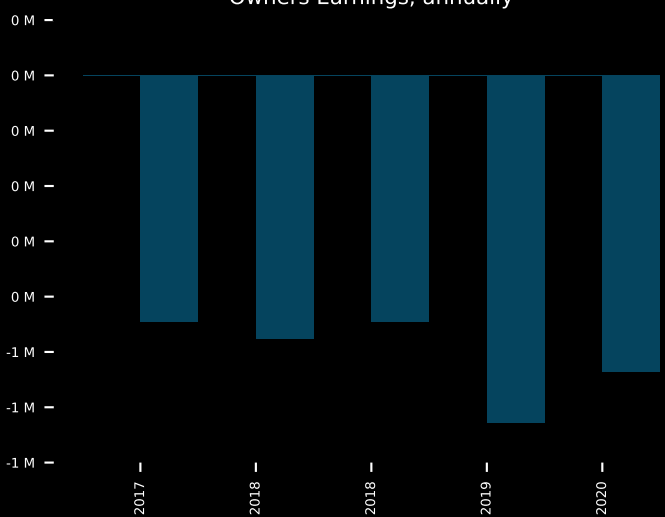
Sales, NI & Operating CF, annually



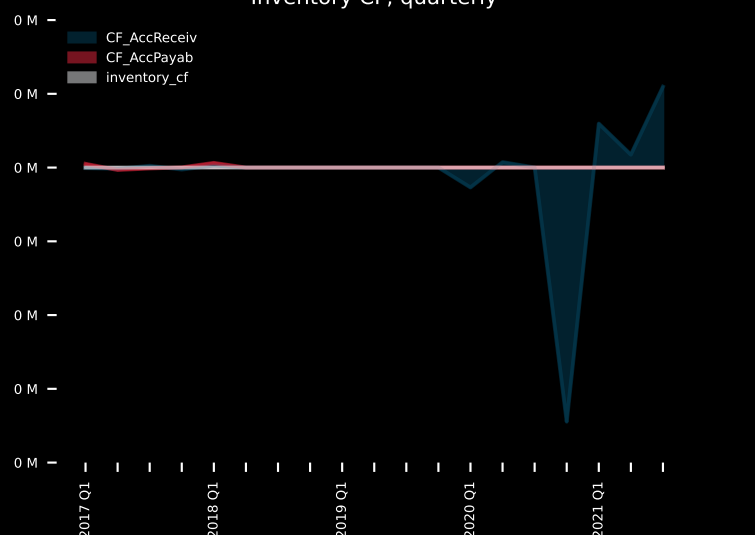
Price vs shares outstanding, quarterly



Owners Earnings, annually

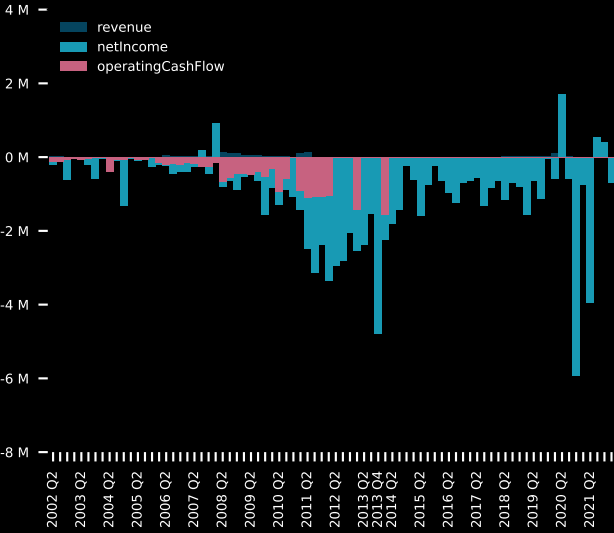


Inventory CF, quarterly

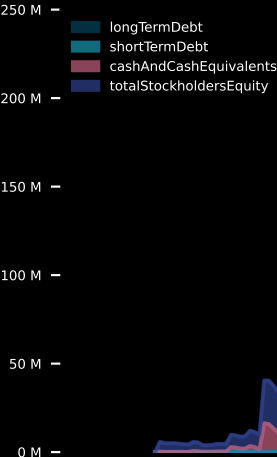


TGS International Ltd., together with its subsidiaries, engages in the exploration, mining, processing, and sale of fluorite in Mongolia. It holds interests in the Altan Ovoo project that covers an area of 39.35 hectares located in Uulbayan soum, Sukhbaatar province; Oosmonslogo 1 project, which covers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

Sales, NI & Operating CF, quarterly



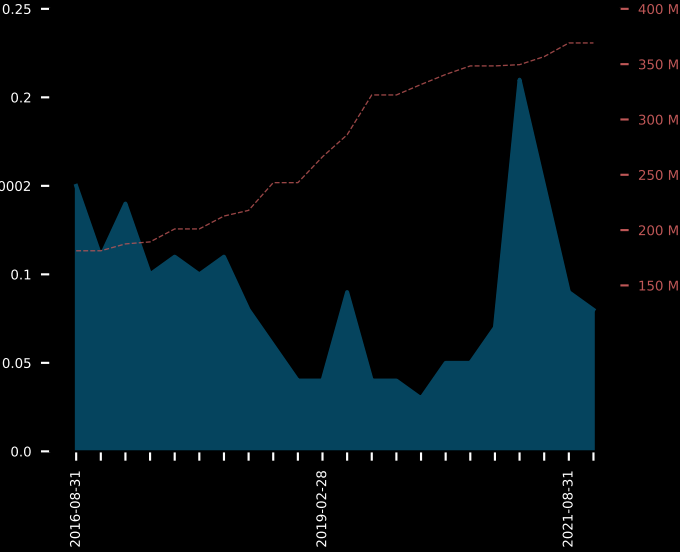
AVLNF / 0 / 0 / 2022-06-25



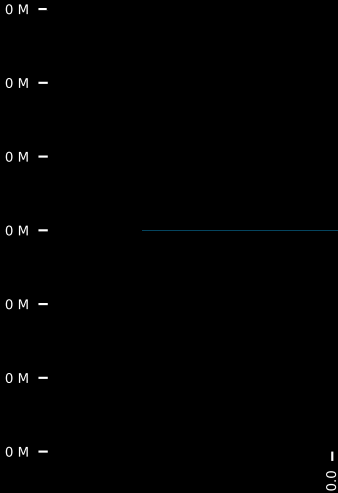
Sales, NI & Operating CF, annually



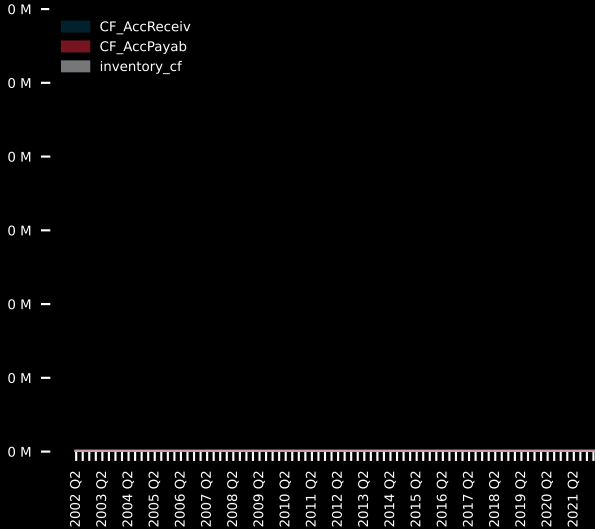
Price vs shares outstanding, quarterly



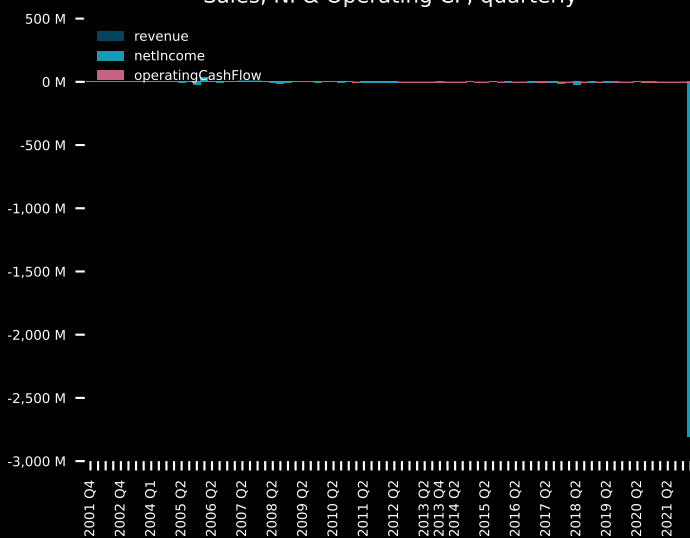
Owners Earnings, annually



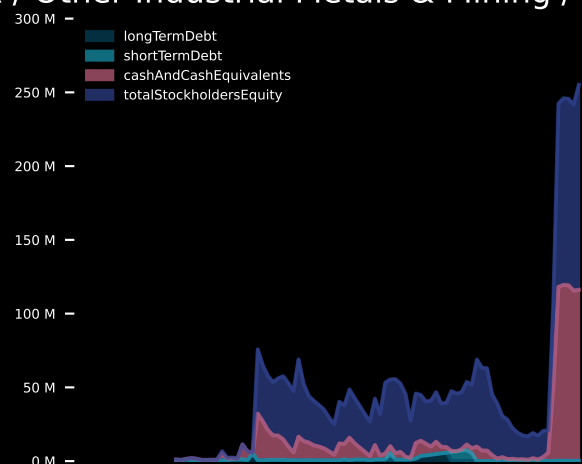
Inventory CF, quarterly



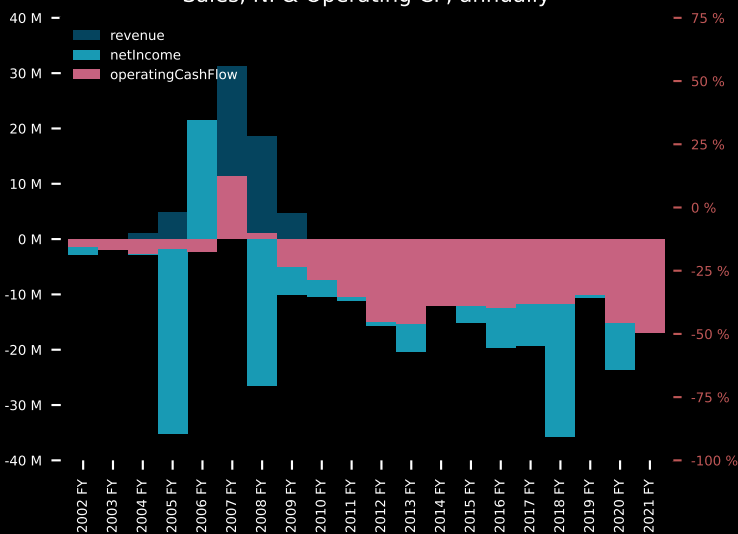
Sales, NI & Operating CF, quarterly



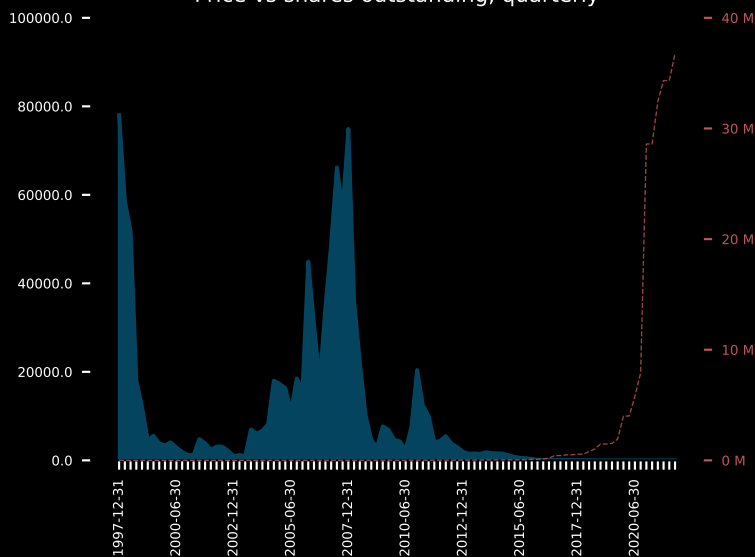
WWR / Other Industrial Metals & Mining / US / 2022-0



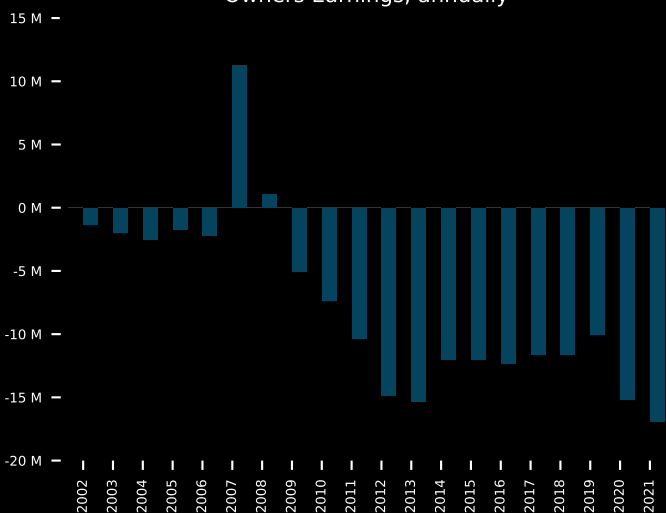
Sales, NI & Operating CF, annually



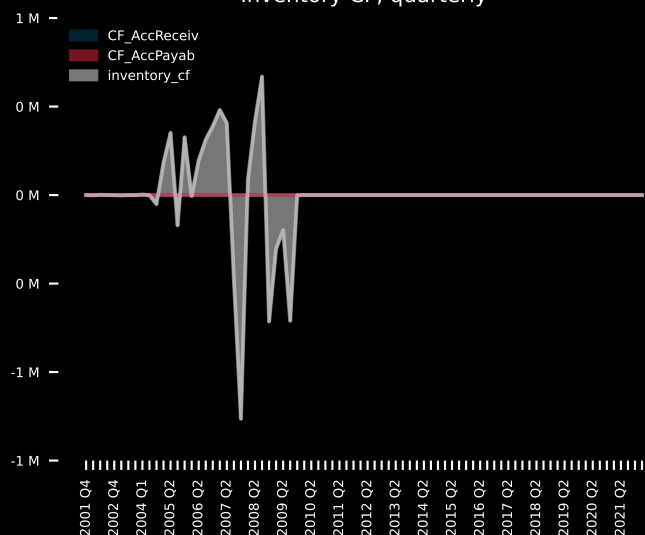
Price vs shares outstanding, quarterly



Owners Earnings, annually

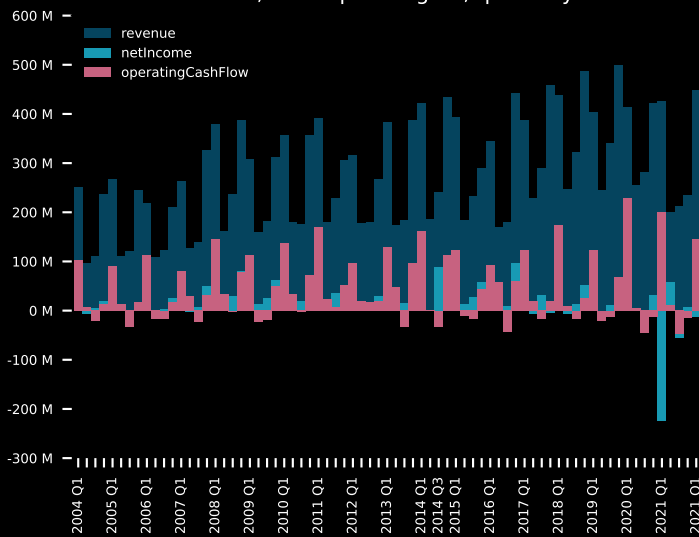


Inventory CF, quarterly



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.

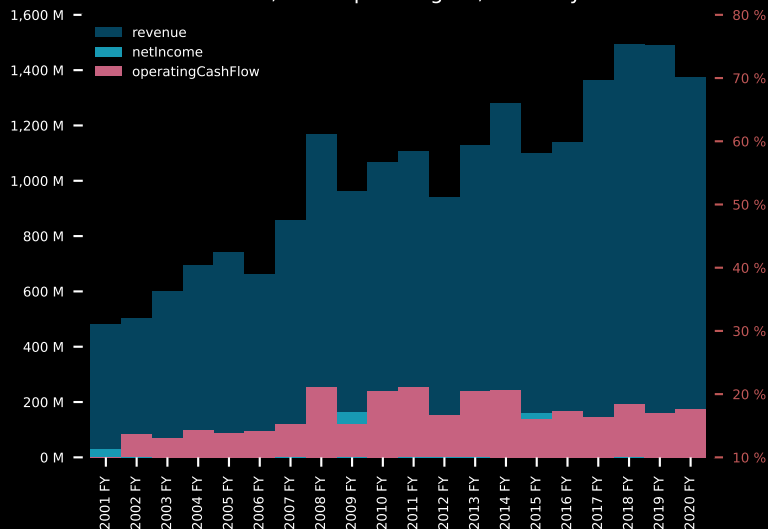
Sales, NI & Operating CF, quarterly



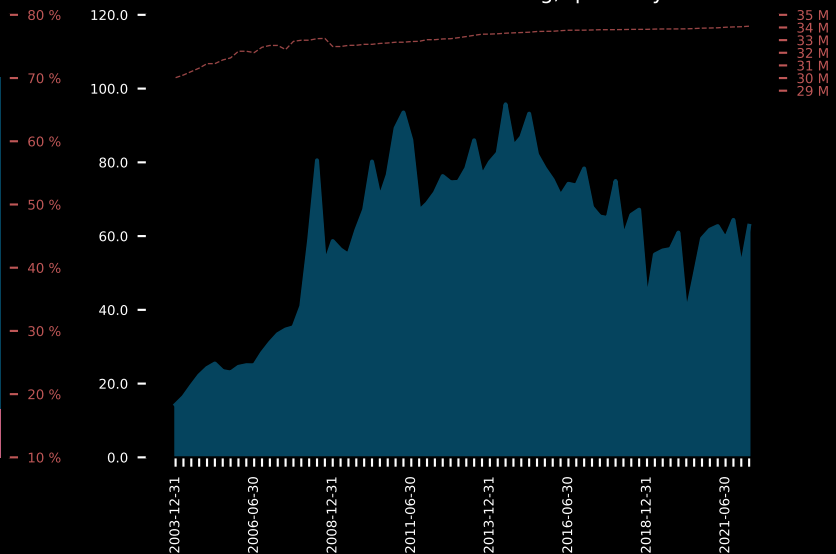
CMP / Other Industrial Metals & Mining / US / 2022-06-30



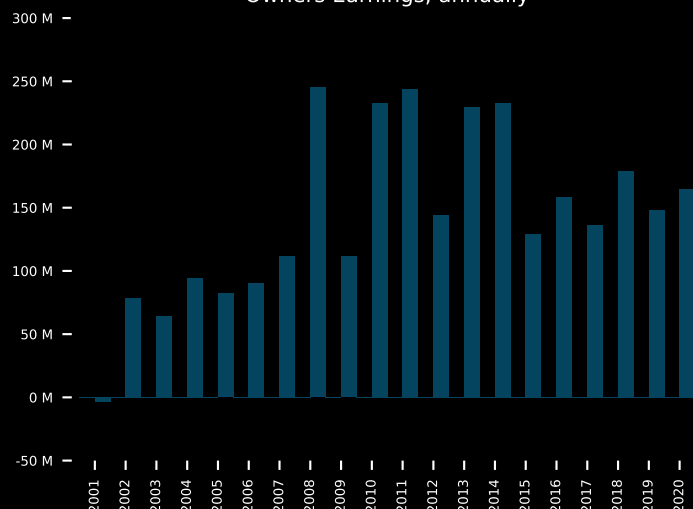
Sales, NI & Operating CF, annually



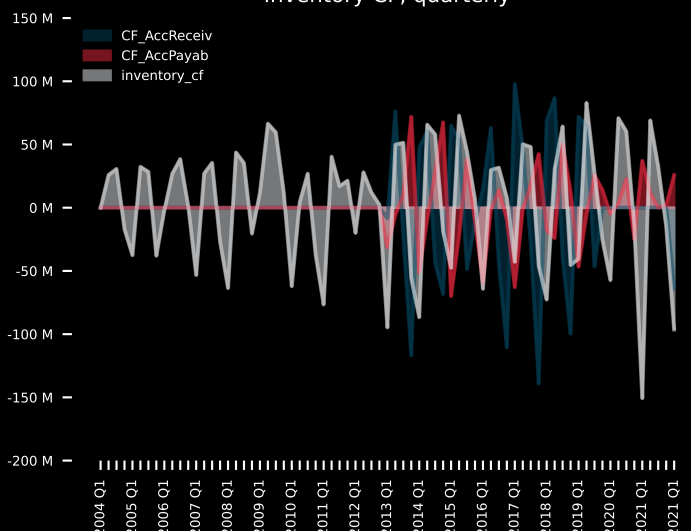
Price vs shares outstanding, quarterly



Owners Earnings, annually

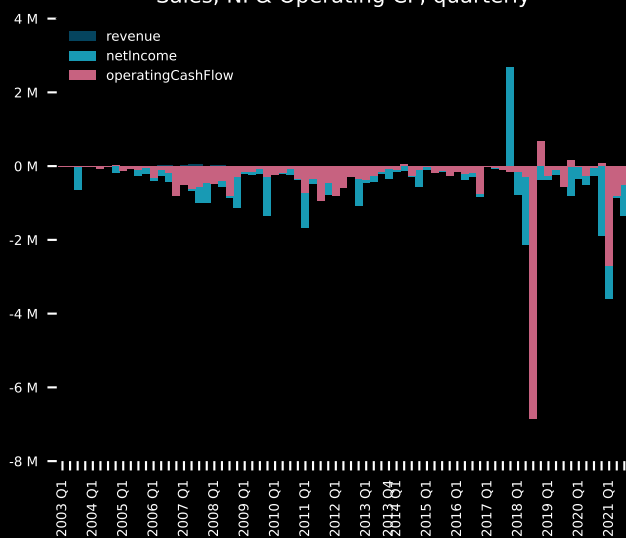


Inventory CF, quarterly

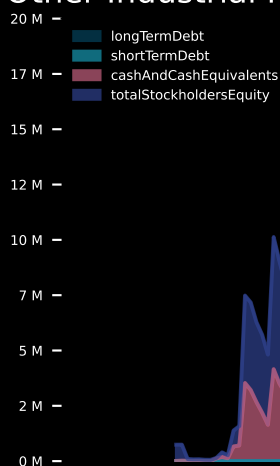


Compass Minerals International, Inc., produces and sells essential minerals primarily in the United States, Canada, Brazil, the United Kingdom, and internationally. It operates through three segments: Salt, Plant Nutrition North America, and Plant Nutrition South America. The Salt segment offers sodium 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

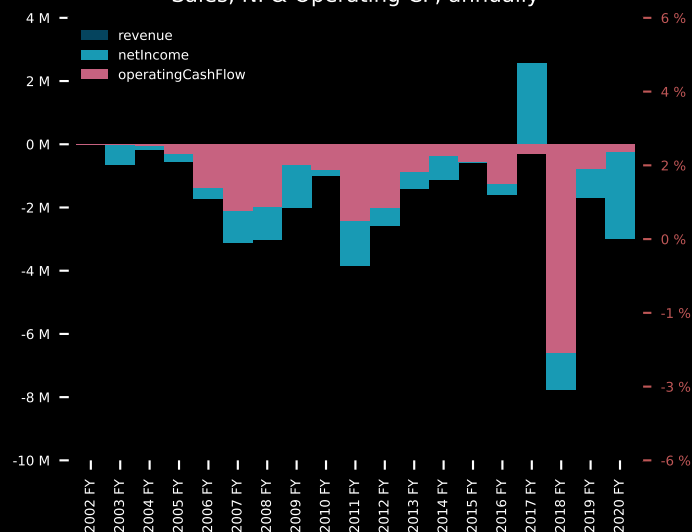
Sales, NI & Operating CF, quarterly



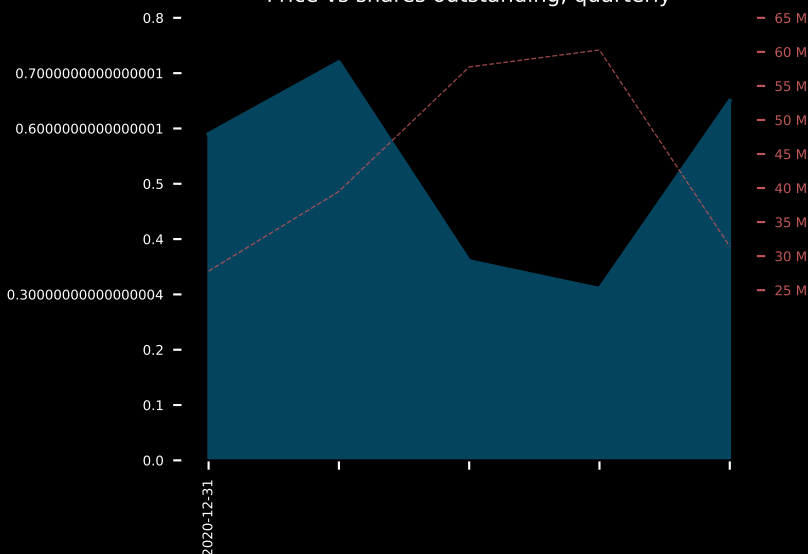
LISMF / Other Industrial Metals & Mining / CA / 2022



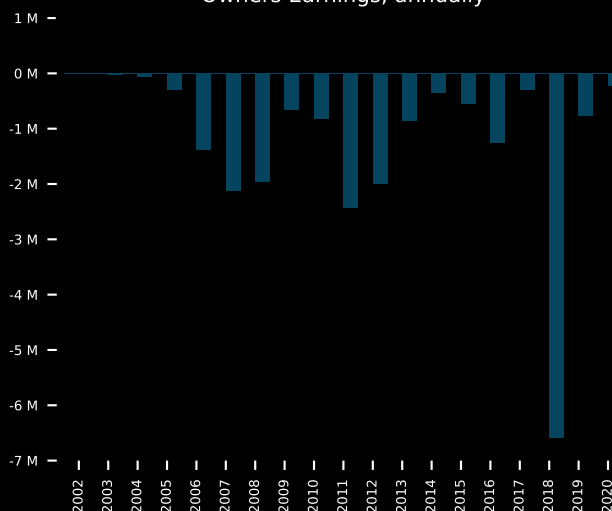
Sales, NI & Operating CF, annually



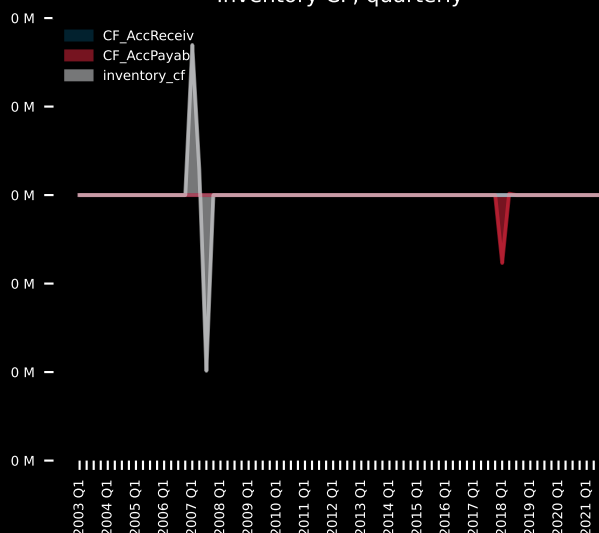
Price vs shares outstanding, quarterly



Owners Earnings, annually

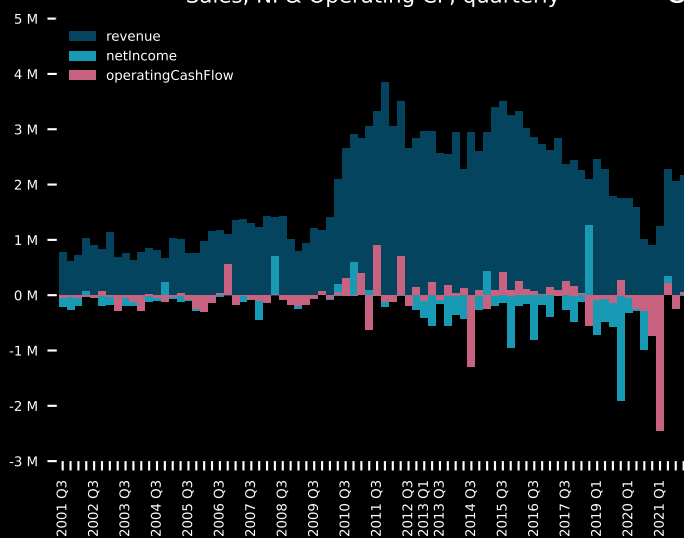


Inventory CF, quarterly

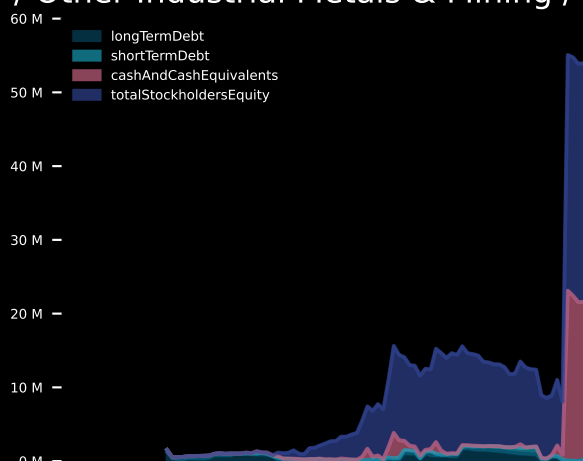


Lithium South Development Corporation, an exploration stage junior mining company, engages in the identification, acquisition, and exploration of mineral properties. Its flagship property is the Hombre Muerto North lithium brine project covering approximately 3,287 hectares in 6 mining concessions located 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.

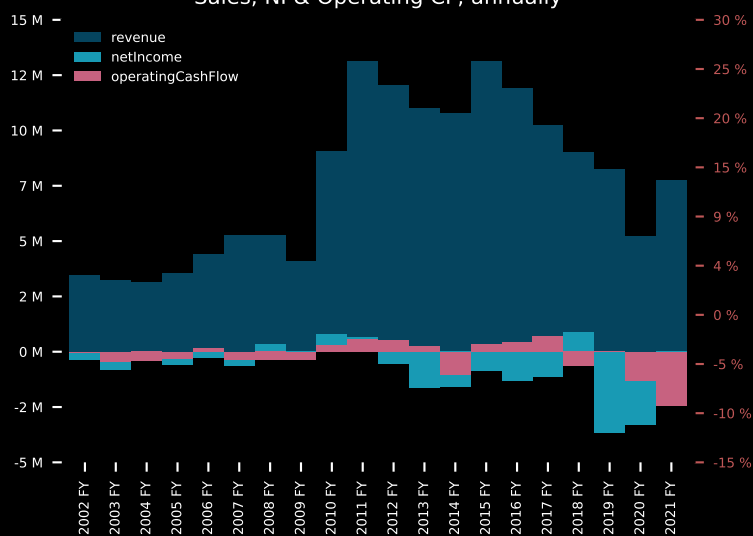
Sales, NI & Operating CF, quarterly



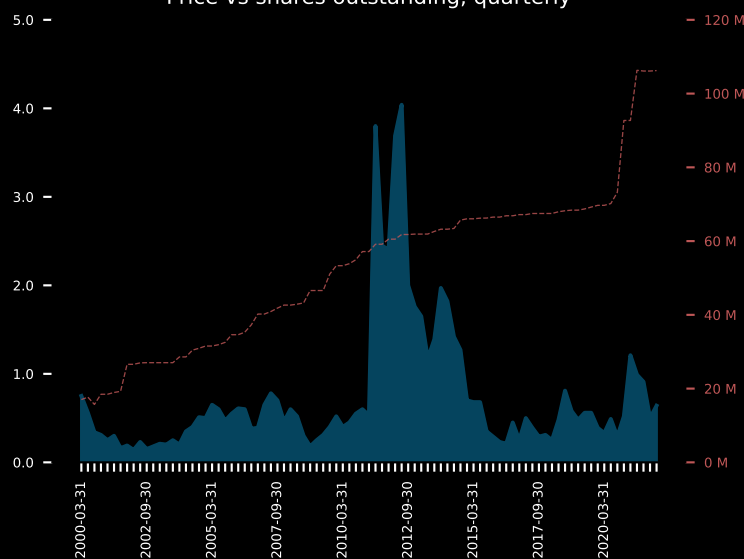
UAMY / Other Industrial Metals & Mining / US / 2022-06



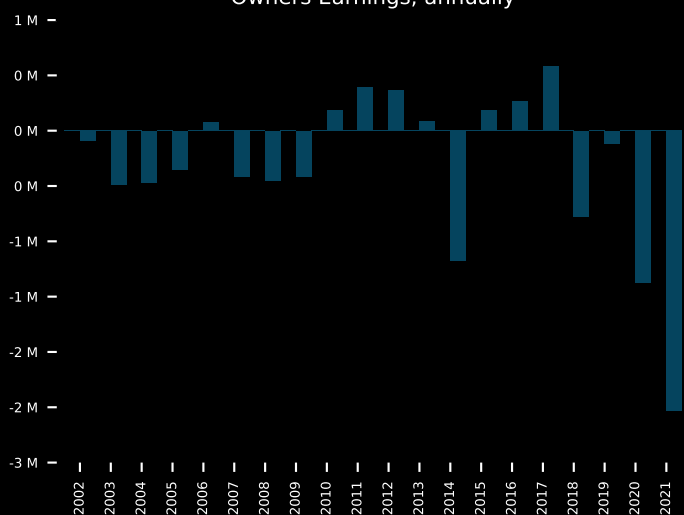
Sales, NI & Operating CF, annually



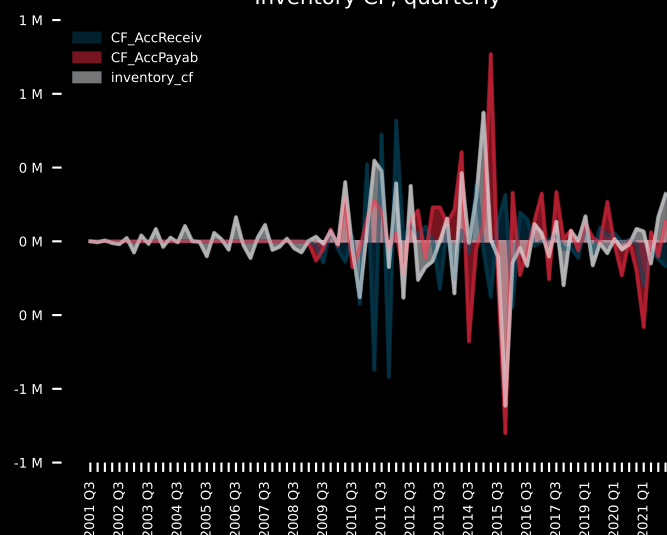
Price vs shares outstanding, quarterly



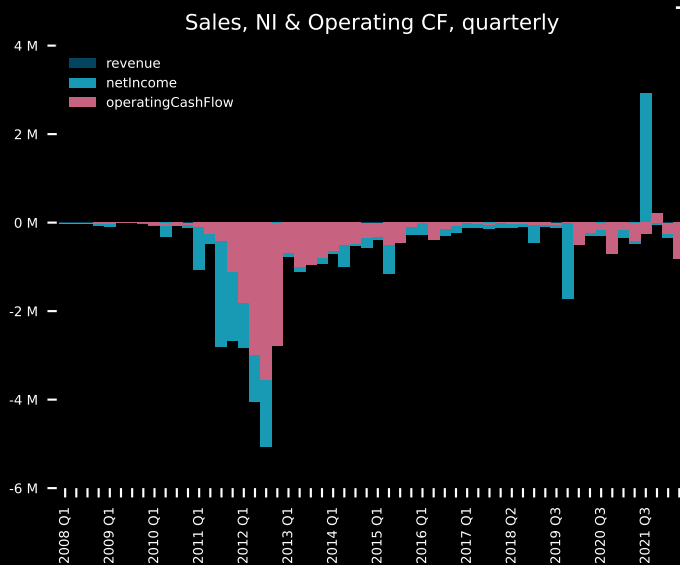
Owners Earnings, annually



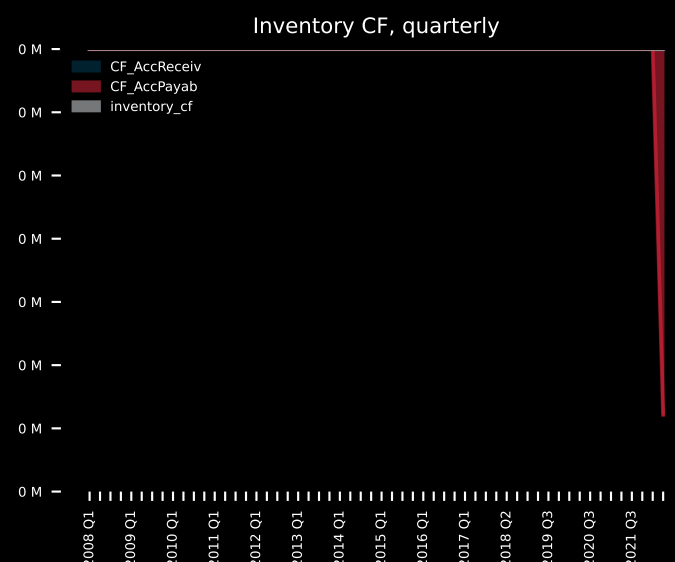
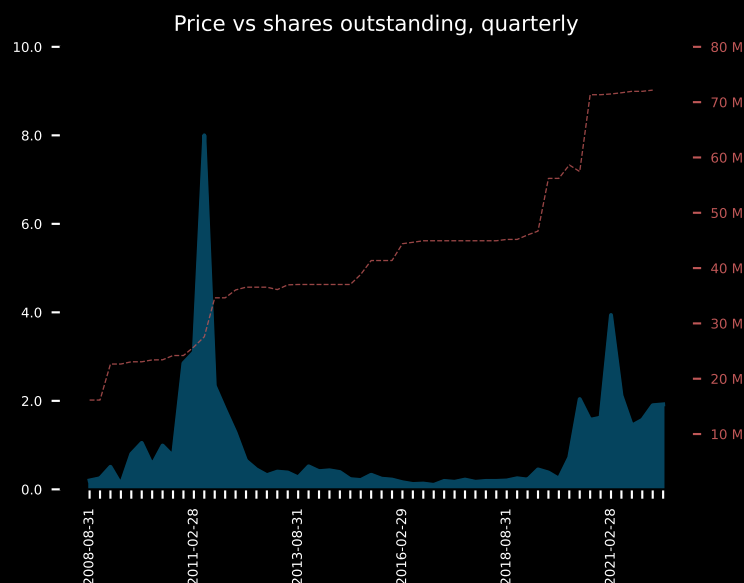
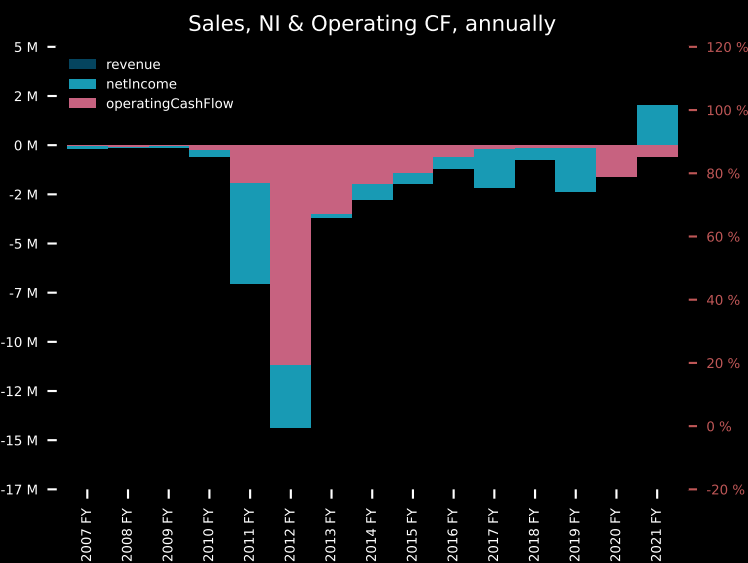
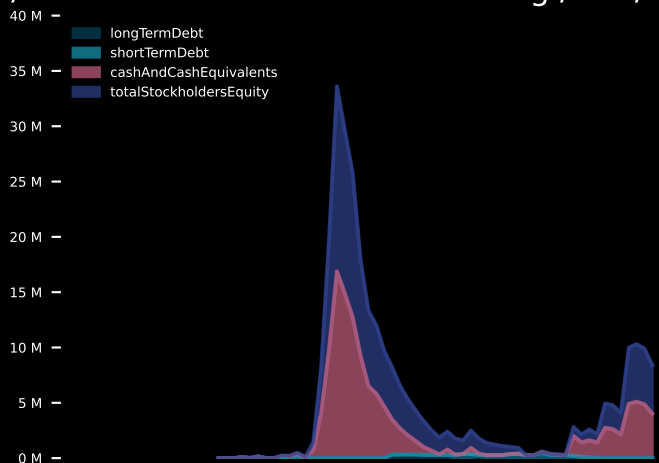
Inventory CF, quarterly



United States Antimony Corporation produces and sells antimony, silver, gold, and zeolite products in the United States and Canada. The company's Antimony division offers antimony oxide that is primarily used in conjunction with a halogen to form a synergistic flame retardant system for plastics, rubber, fiberglass, textile goods, paints, coatings, and paper. Its antimony oxide is also used as a color fastener in paints; as a catalyst for the production of polyester resins for fibers and films; as a catalyst for the production of polyethelene pthalate in plastic bottles; as a phosphorescent agent in fluorescent light bulbs; and as an opacifier for porcelains. In addition, this division offers sodium antimonite; and antimony metal for use in bearings, storage batteries, and ordnance; and precious metals. The company's Zeolite division provides zeolite deposits for soil amendmnet and fertilizer, water filtration, sewage treatment, nuclear

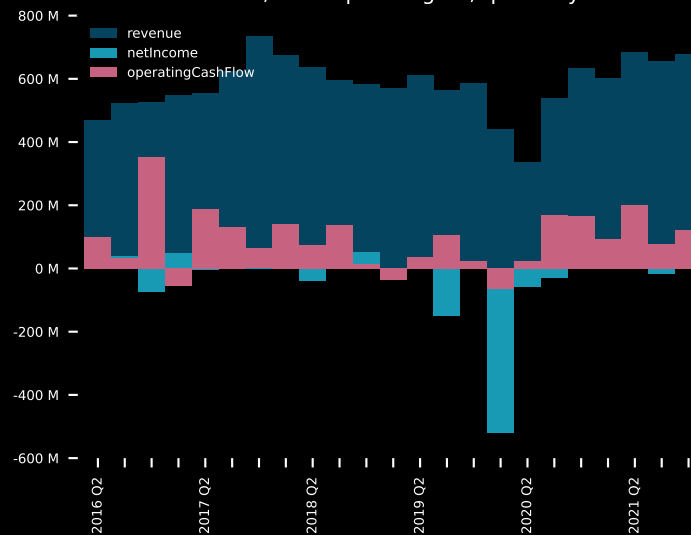


TMRC / Other Industrial Metals & Mining / US / 2022-0

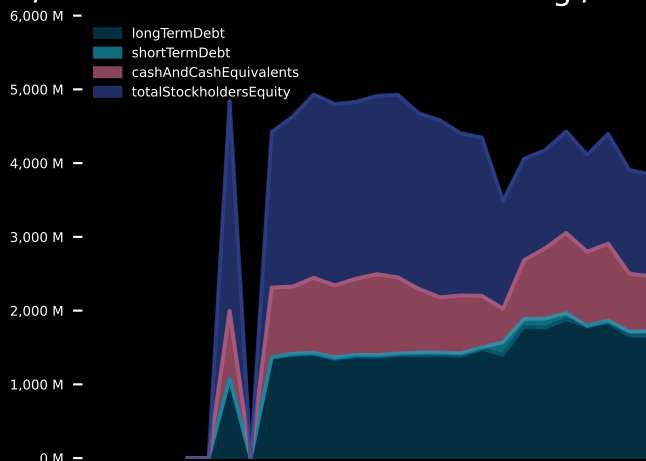


Texas Mineral Resources Corp. acquires, explores, and develops mineral properties in the United States. It primarily holds interests in the Round Top rare earth-uranium- project covering 950 acres in Hudspeth County, Texas; and prospecting permits covering 9,345 acres adjacent to the Round Top project. 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.

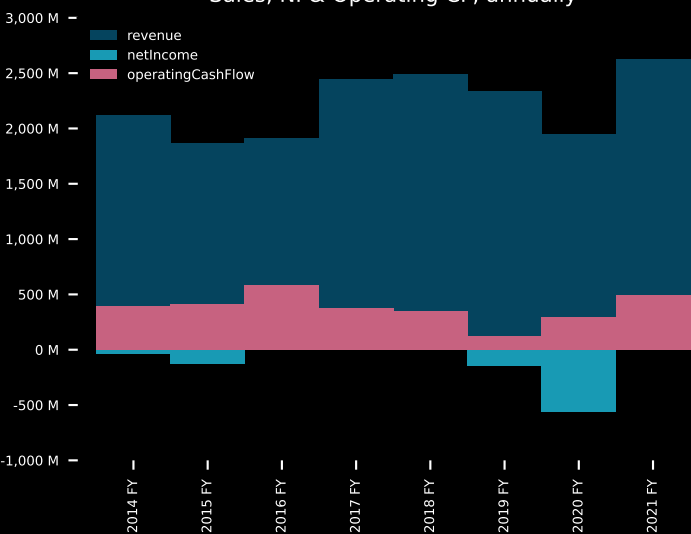
Sales, NI & Operating CF, quarterly



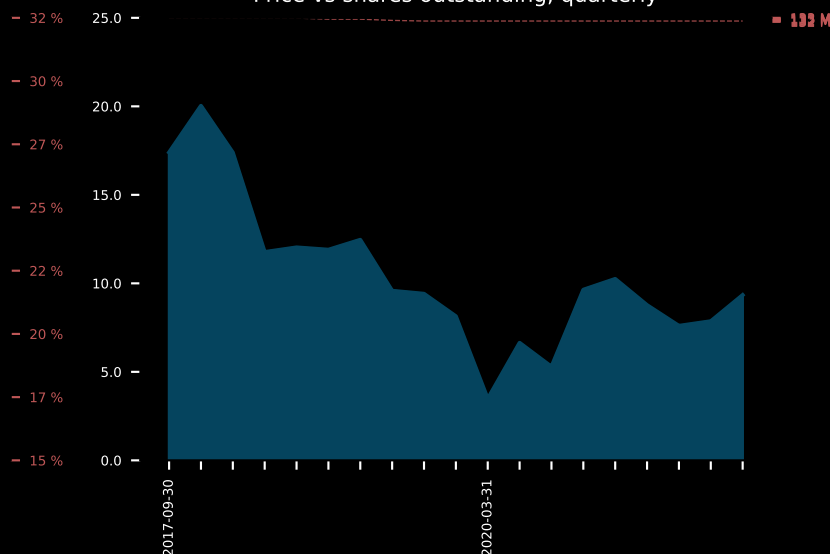
NEXA / Other Industrial Metals & Mining / LU / 2022-06



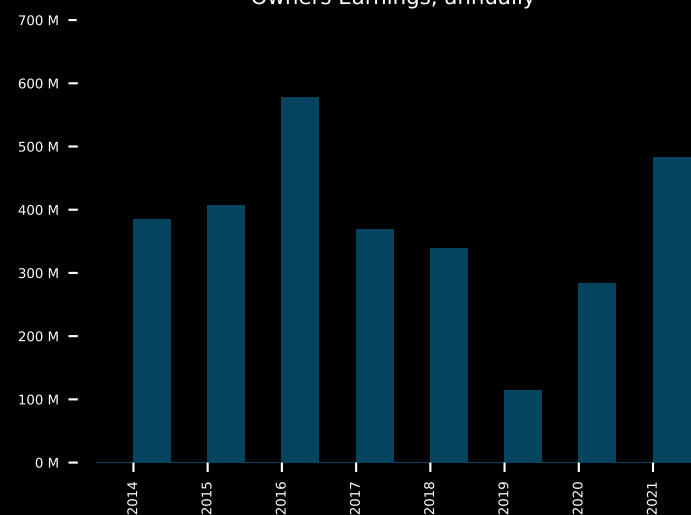
Sales, NI & Operating CF, annually



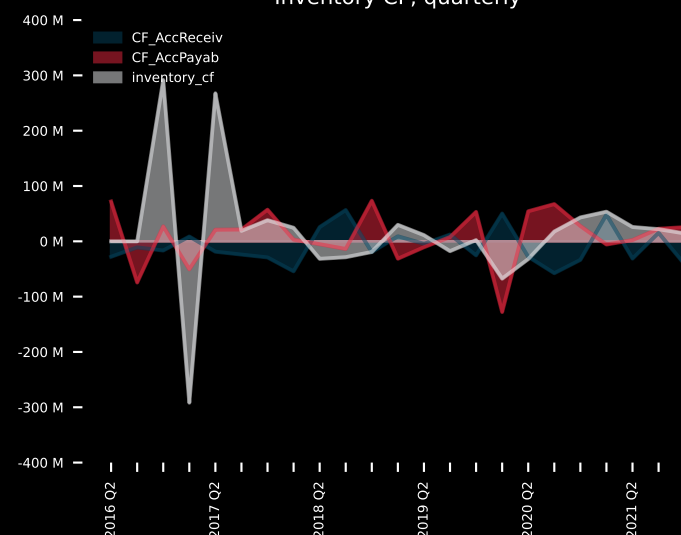
Price vs shares outstanding, quarterly



Owners Earnings, annually

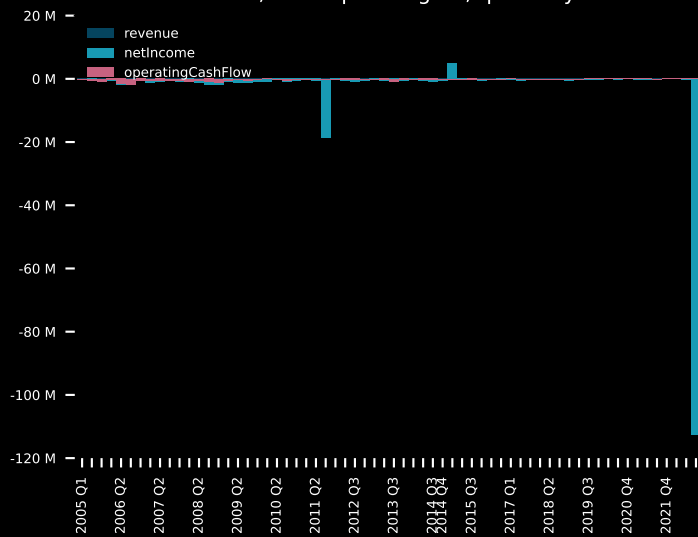


Inventory CF, quarterly

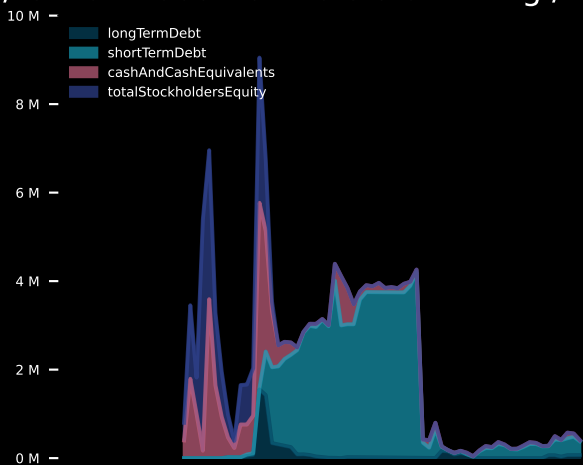


Nexa Resources S.A., through its subsidiaries, engages in the zinc mining and smelting business. It also produces zinc, silver, gold, copper, cement, sulfuric acid, lead, agricultural lime, and copper sulfate deposits. The company owns and operates five underground polymetallic mines, including three located in the Central Andes of Peru; and two located in the state of Minas Gerais in Brazil. It also develops the Aripuanã 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.

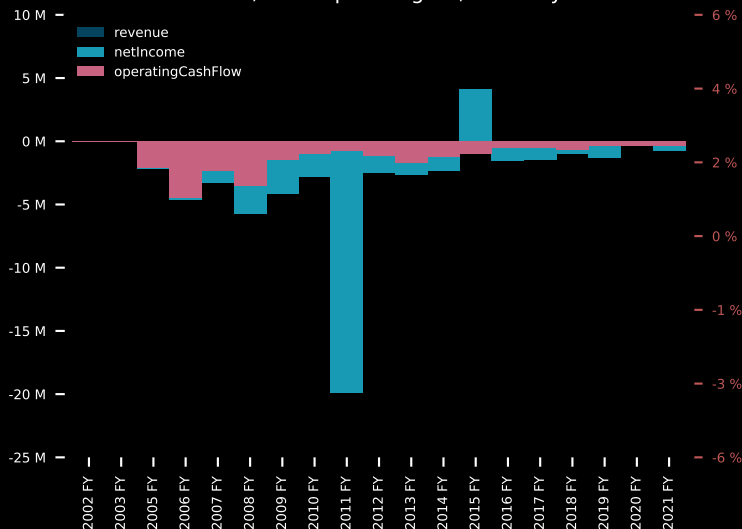
Sales, NI & Operating CF, quarterly



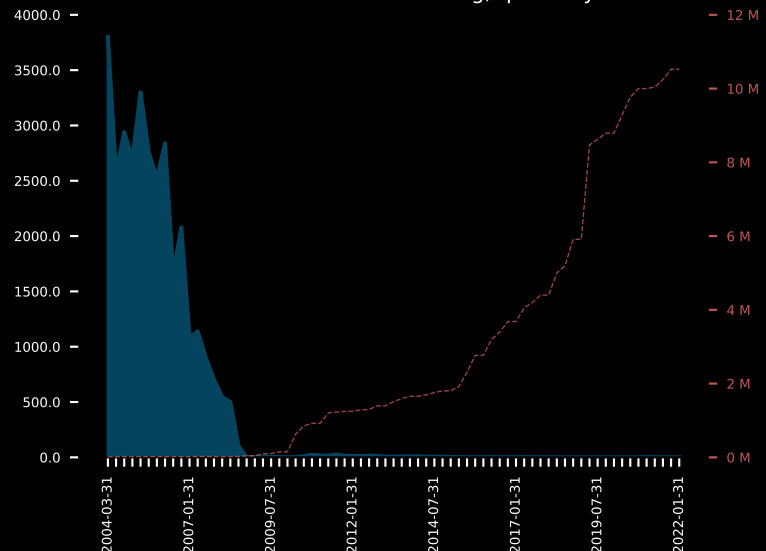
LBSR / Other Industrial Metals & Mining / US / 2022-0



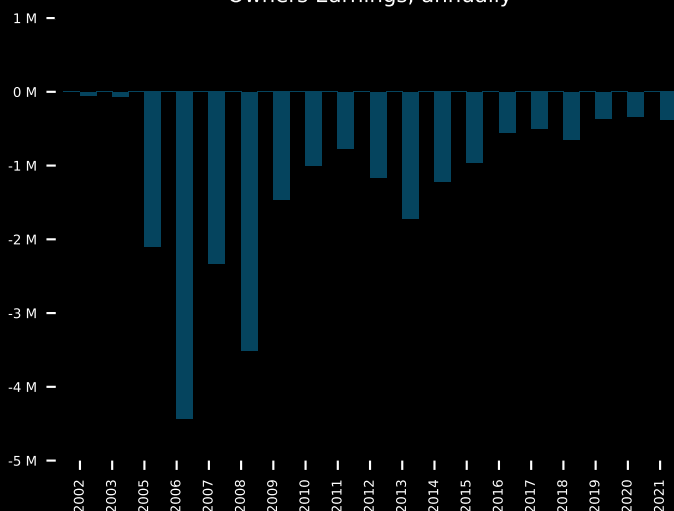
Sales, NI & Operating CF, annually



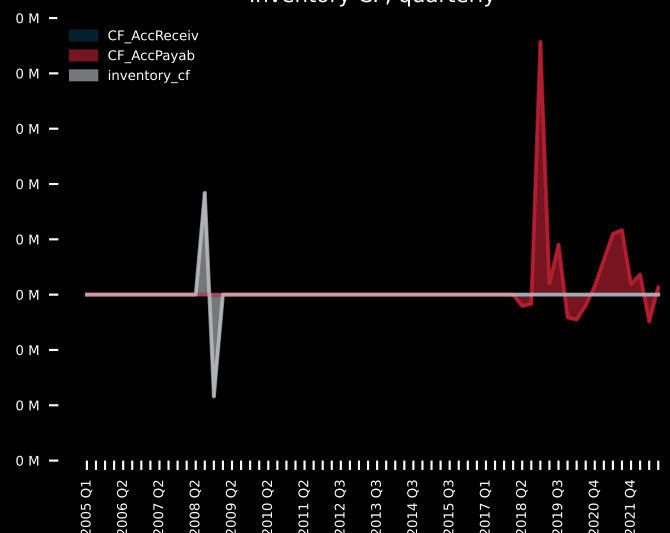
Price vs shares outstanding, quarterly



Owners Earnings, annually

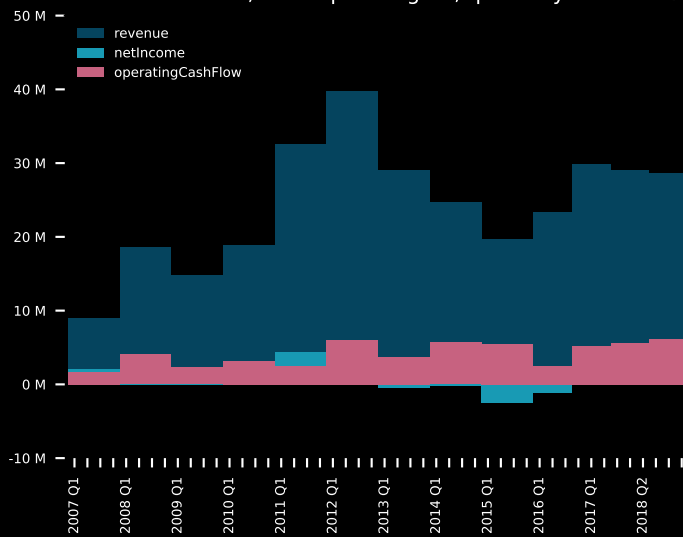


Inventory CF, quarterly

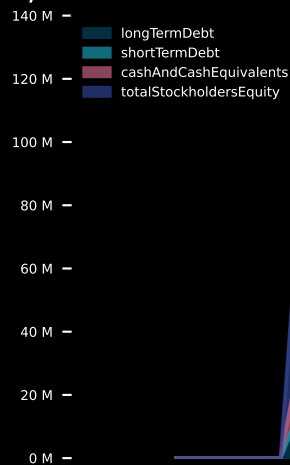


Liberty Star Uranium & Metals Corp., a mineral resource company, engages in the acquisition and exploration of mineral properties in the United States. The company explores for copper, molybdenum, gold, silver, lead, zinc, manganese, and other metals, including rare earth elements. Its principal property is the Hay Mountain project that comprises 35 mineral exploration permits covering an area of 15,793.24 acres, and 93 federal lode mining claims covering an area of 1,594.68 acres located to the southeast of Tombstone. The company was formerly known as Liberty Star Gold Corp. and changed its name to Liberty Star Uranium & Metals Corp. in April 2007. Liberty Star Uranium & Metals Corp. was incorporated in 2001 and is headquartered in Tucson, Arizona.

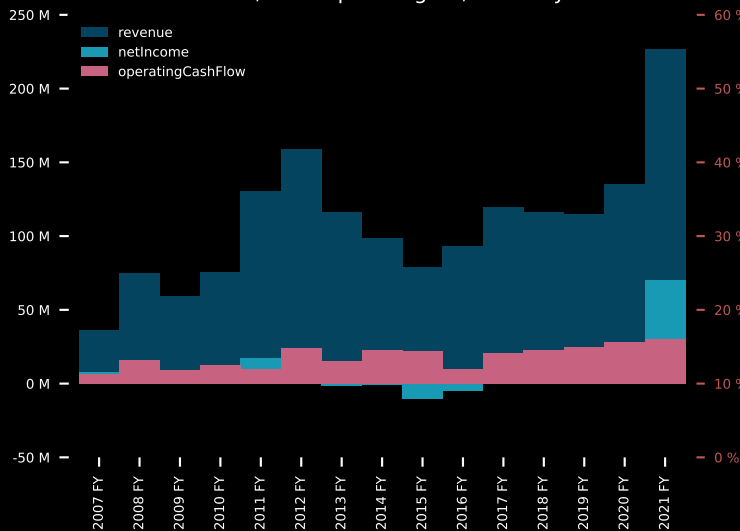
Sales, NI & Operating CF, quarterly



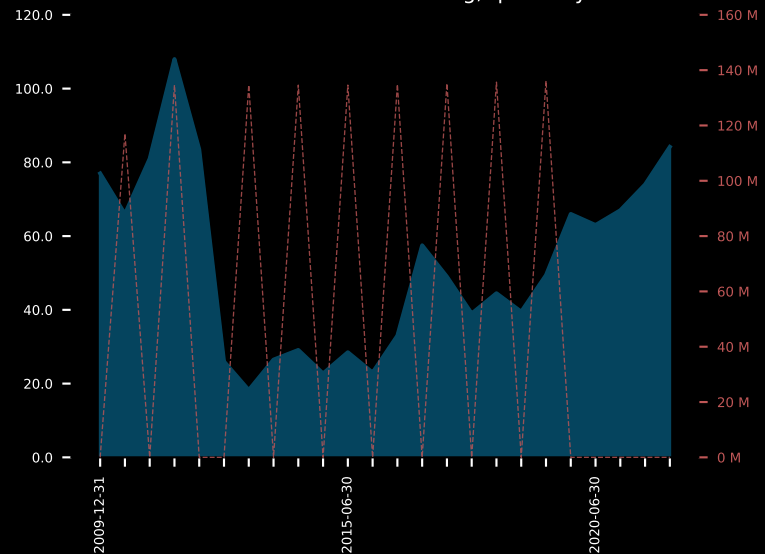
CAPD.L / Other Industrial Metals & Mining / MU / 2022-0



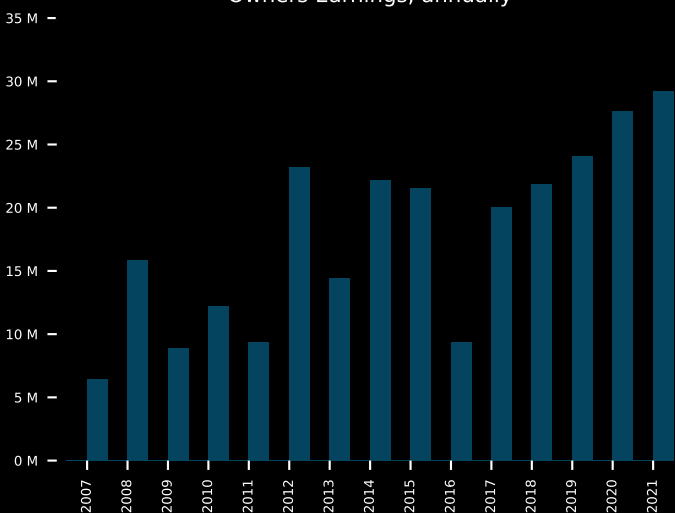
Sales, NI & Operating CF, annually



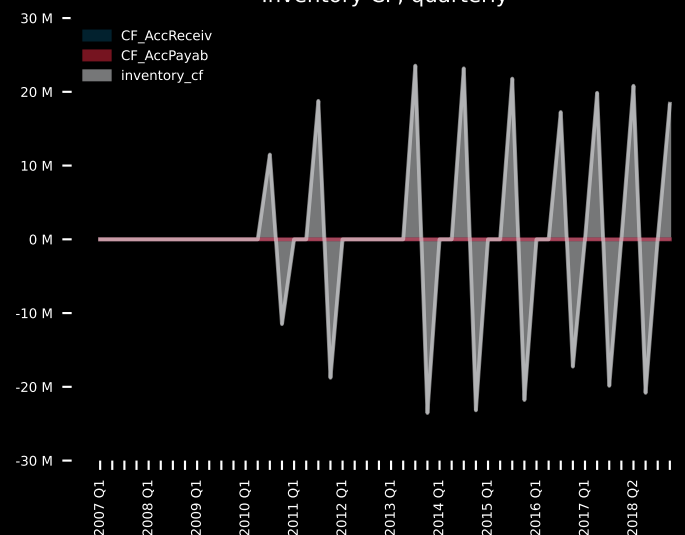
Price vs shares outstanding, quarterly



Owners Earnings, annually

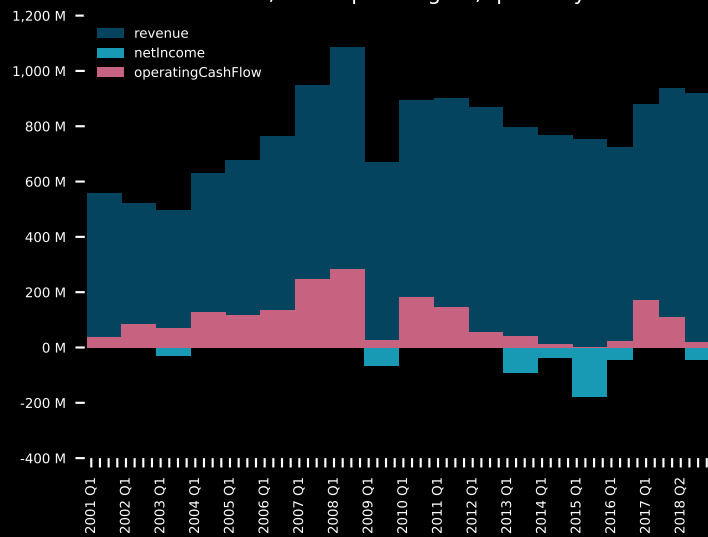


Inventory CF, quarterly



Capital Limited, together with its subsidiaries, provides various drilling solutions to customers in the minerals industry. It offers exploration drilling services, including air core, reverse circulation, 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,

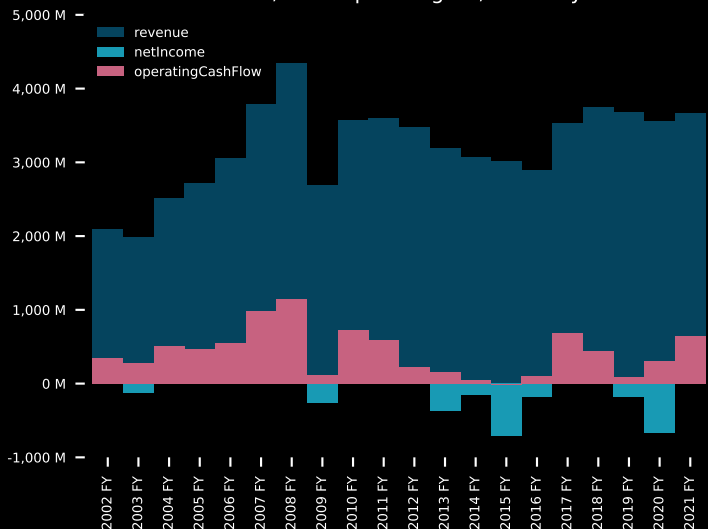
Sales, NI & Operating CF, quarterly



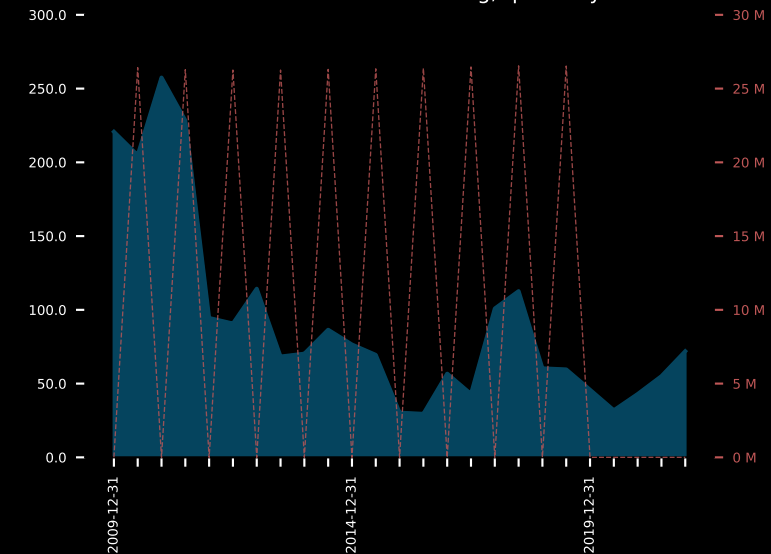
ERA.PA / Other Industrial Metals & Mining / FR / 2022-0



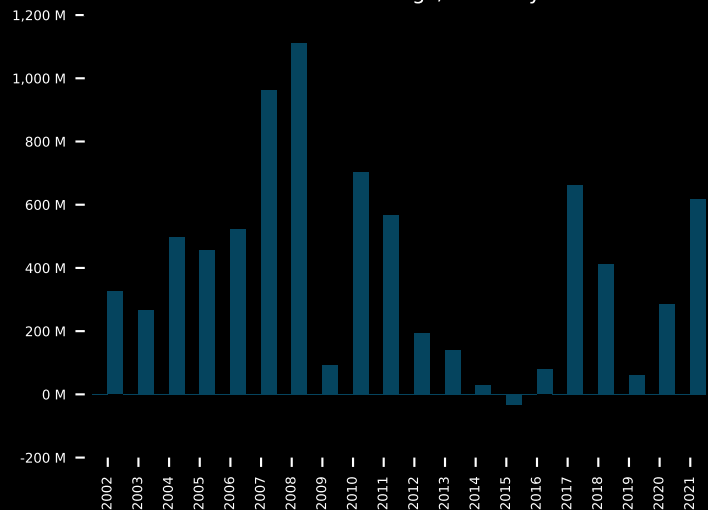
Sales, NI & Operating CF, annually



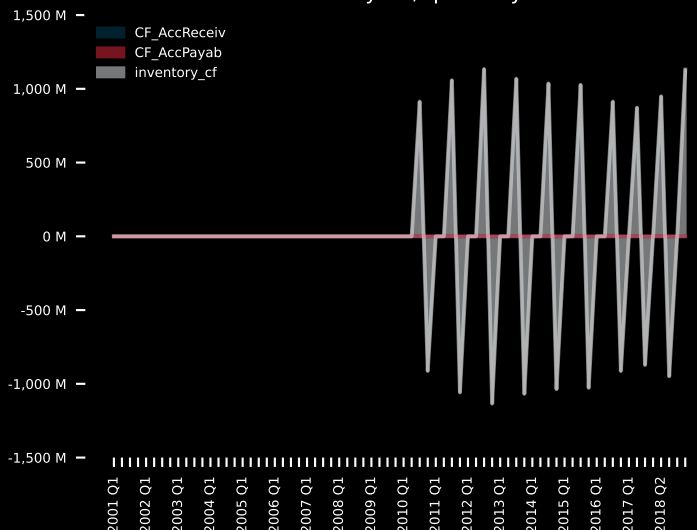
Price vs shares outstanding, quarterly



Owners Earnings, annually

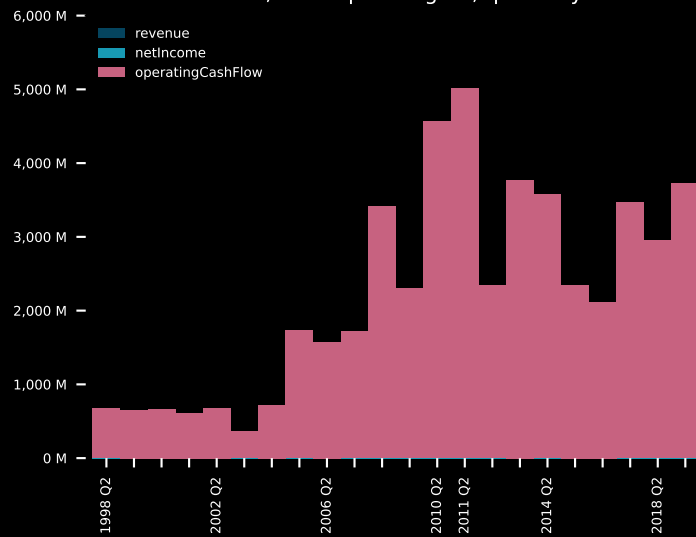


Inventory CF, quarterly



ERAMET S.A. operates as a mining and 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

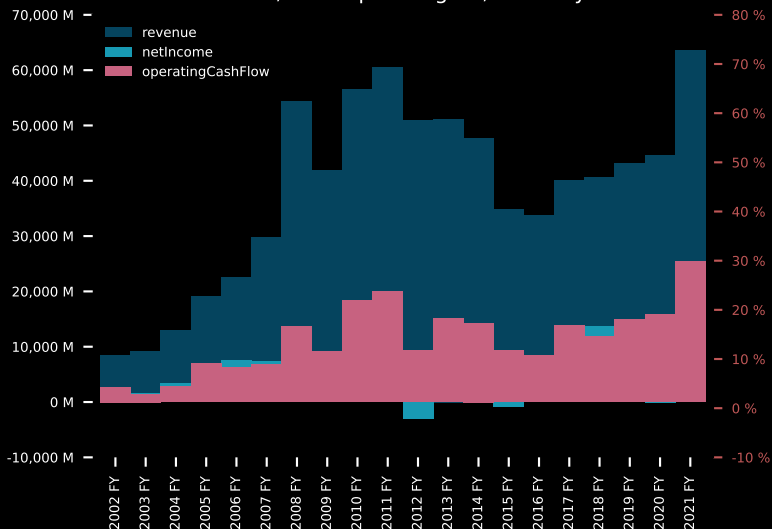
Sales, NI & Operating CF, quarterly



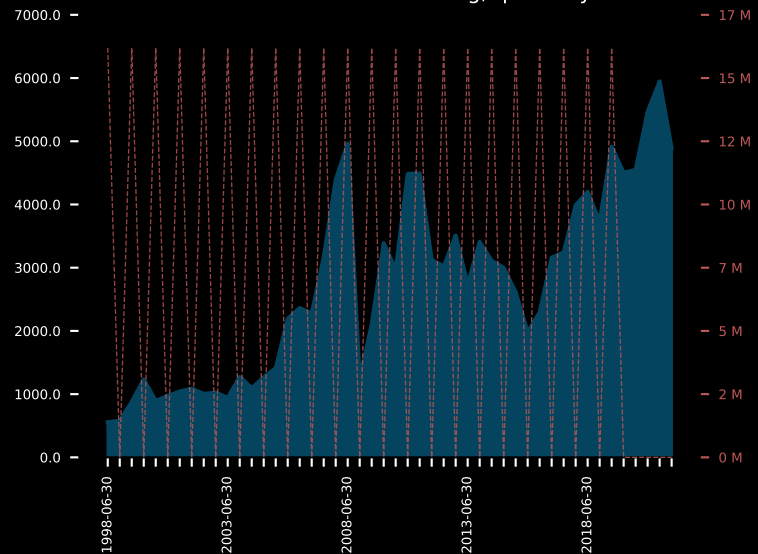
RIO.L / Other Industrial Metals & Mining / GB / 2022-0



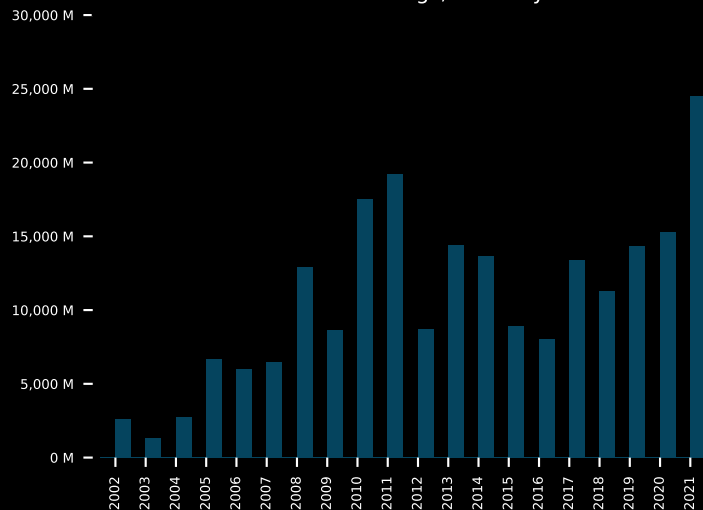
Sales, NI & Operating CF, annually



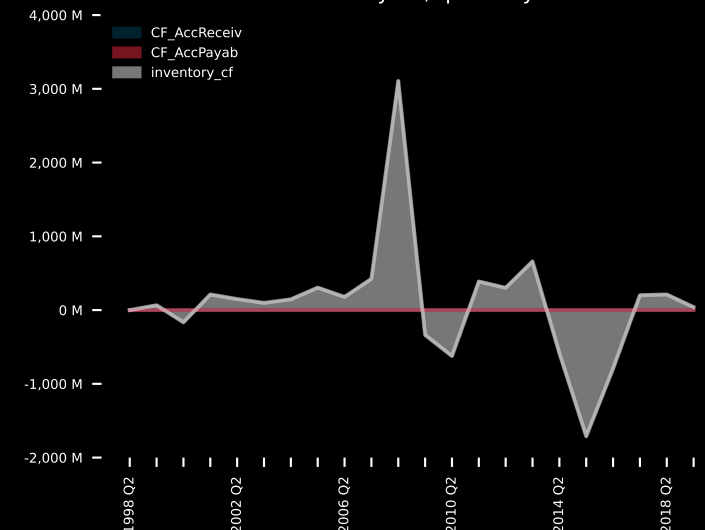
Price vs shares outstanding, quarterly



Owners Earnings, annually



Inventory CF, quarterly



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.