

INVESTOR PRESENTATION

June 2019

KAZ
MINERALS



**HIGH GROWTH
LARGE SCALE
LOW COST**

IMPORTANT NOTICE



DISCLAIMER

Certain statements included in this presentation contain forward-looking information concerning the strategy of KAZ Minerals PLC ('KAZ Minerals') and its business, operations, financial performance or condition, outlook, growth opportunities and circumstances in the countries, sectors or markets in which it operates. Although KAZ Minerals believes that the expectations reflected in such forward-looking statements are reasonable and are made in good faith, no assurance can be given that such expectations will prove to be correct. By their nature, forward-looking statements involve known and unknown risks, assumptions and uncertainties and other factors which are unpredictable as they relate to events and depend on circumstances that will occur in the future which may cause actual results, performance or achievements of KAZ Minerals to be materially different from those expressed or implied in these forward-looking statements.

Principal risk factors that could cause KAZ Minerals' actual results, performance or achievements to differ materially from those in the forward-looking statements include (without limitation) health and safety, community and labour relations, employees, environmental compliance, business interruption, new projects and commissioning, reserves and resources, political risk, legal and regulatory compliance, commodity prices, foreign exchange and inflation, exposure to China, acquisitions and divestments, liquidity and such other risk factors as are disclosed in KAZ Minerals' most recent Annual Report and Accounts. Forward-looking statements should therefore be construed in light of such risk factors. These forward-looking statements should not be construed as a profit forecast.

No part of this presentation constitutes, or shall be taken to constitute, an invitation or inducement to invest in KAZ Minerals, or any other entity, and shareholders are cautioned not to place undue reliance on the forward-looking statements. Except as required by the Listing Rules of the UK Listing Authority and applicable legislation, KAZ Minerals undertakes no obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise.

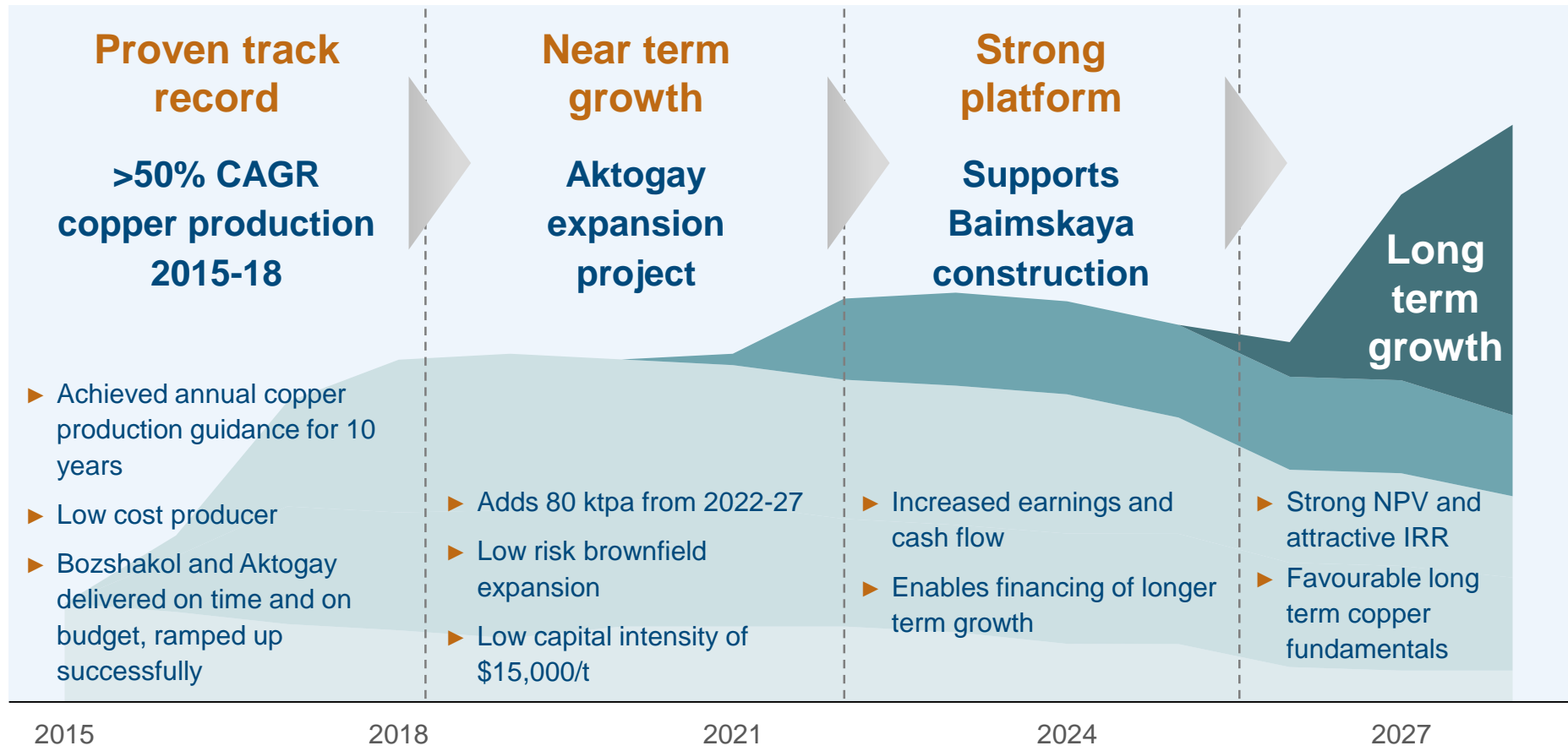
Neither this presentation, which includes the question and answer session, nor any part thereof may be recorded, transcribed, distributed, published or reproduced in any form, except as permitted by KAZ Minerals. By attending this presentation, whether in person, by webcast, or call you confirm your agreement to the foregoing and that, upon request, you will promptly return any records or transcript of the presentation without retaining any copies.

All relevant financial definitions can be found in the glossary to the Full Year Results 2018 press release.



1. Introduction to KAZ Minerals

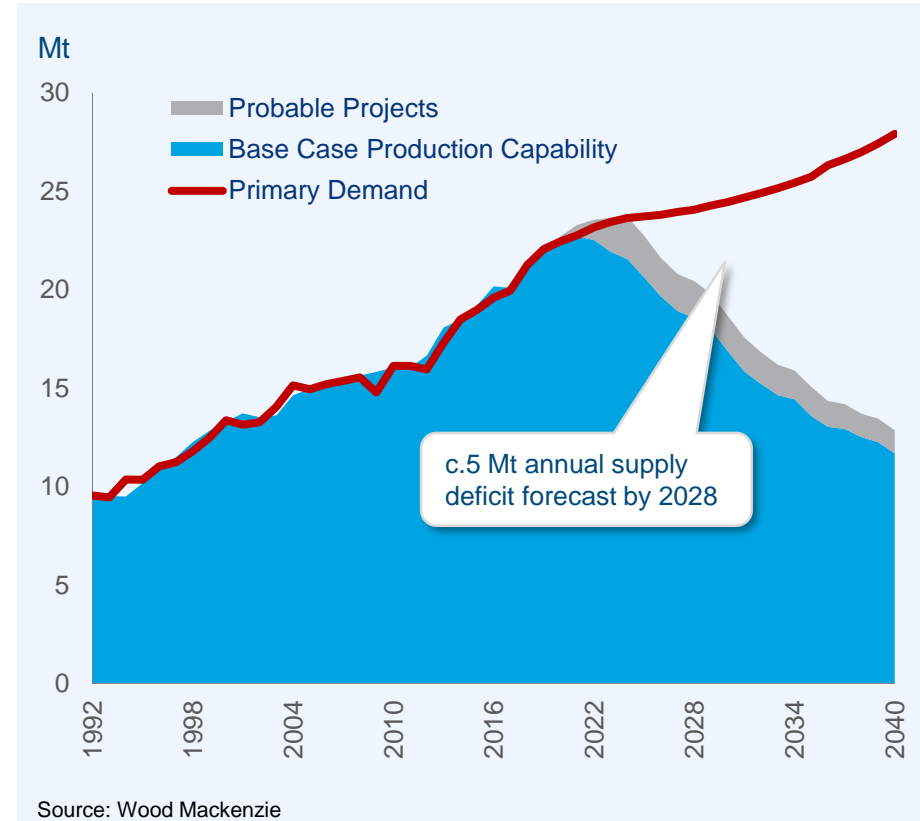
NEAR AND LONG TERM GROWTH IN COPPER



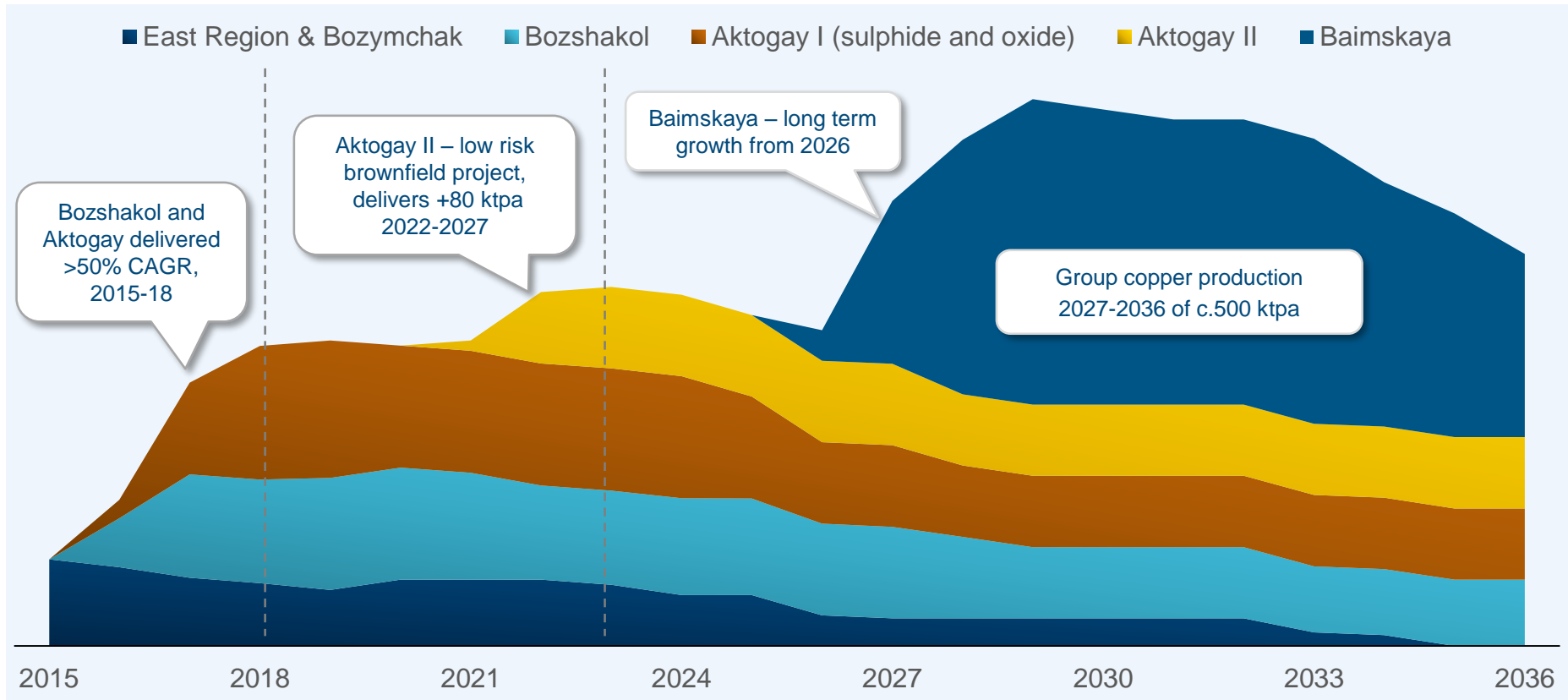
STRONG COPPER MARKET FUNDAMENTALS



- ▶ Supply from existing mines forecast to decline materially
- ▶ New copper projects will be required to meet demand, but viable large scale deposits are rare
- ▶ Growth in new markets for copper including clean energy and electrical vehicles could significantly increase the supply shortage



HIGH GROWTH PORTFOLIO

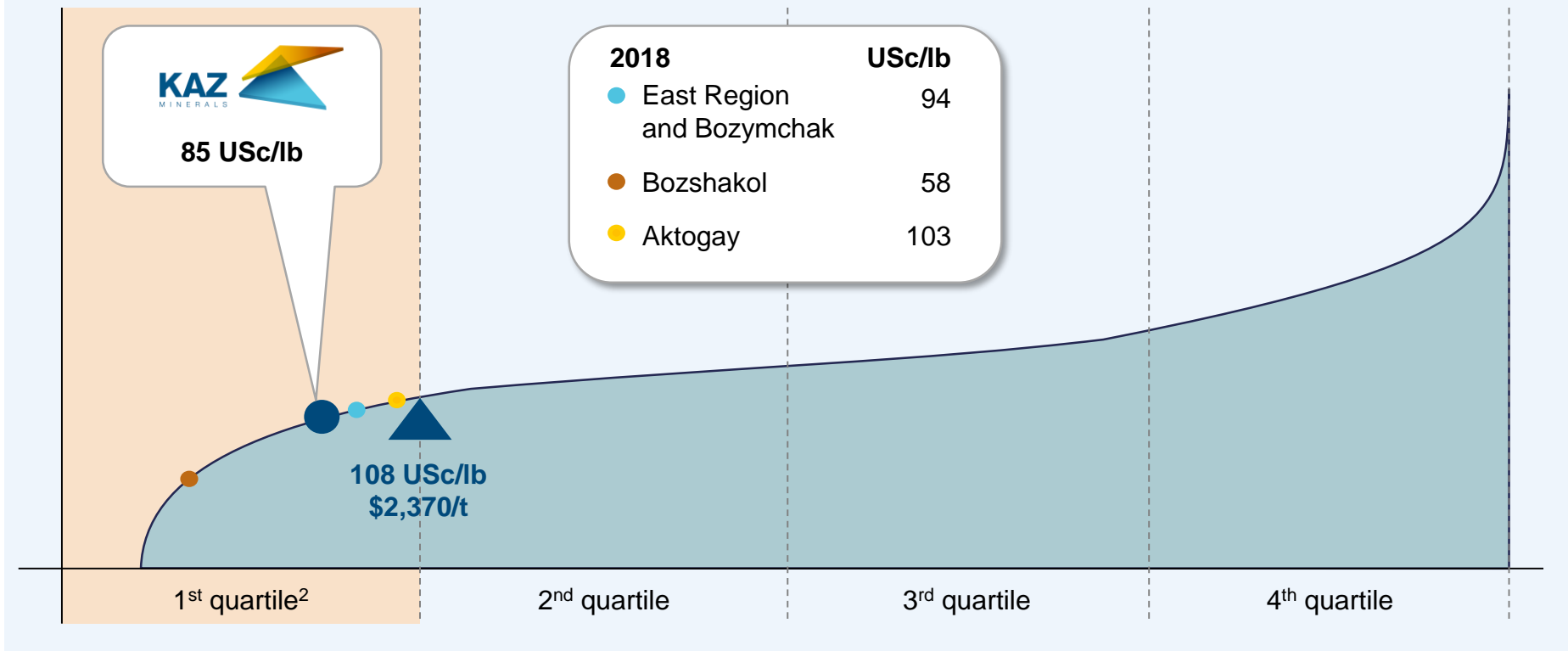


Notes:
 Indicative production schedule, not to scale. Assumes 100% ownership, first production from Baimskaya in 2026 and ramp up from 2027. Actual construction timetable to be determined during feasibility study.

FIRST QUARTILE PRODUCER



Net cash cost curve¹



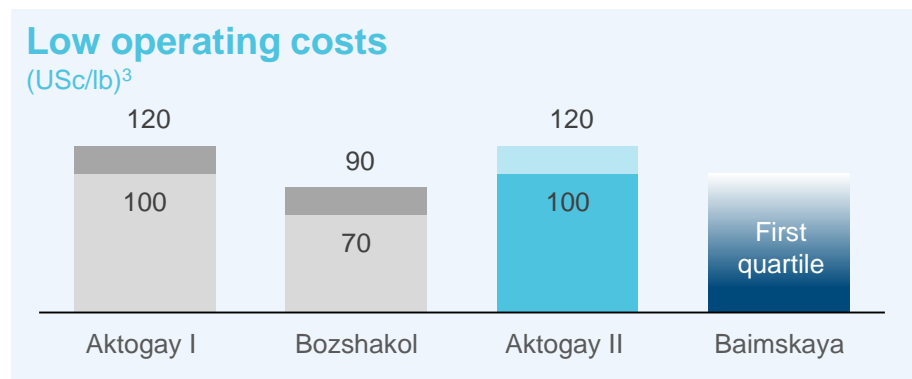
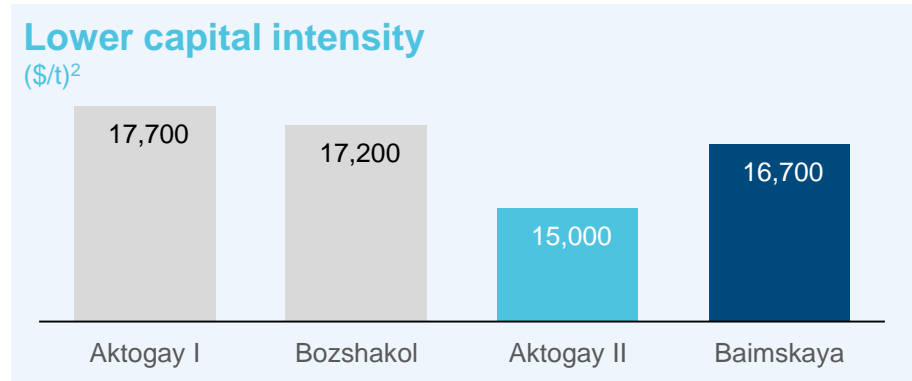
Notes:

1. Conceptual representation as at 31 December 2018, not to scale.
2. Wood Mackenzie first quartile cut off 108 USc/lb, 31 December 2018.

VALUE AND VOLUME



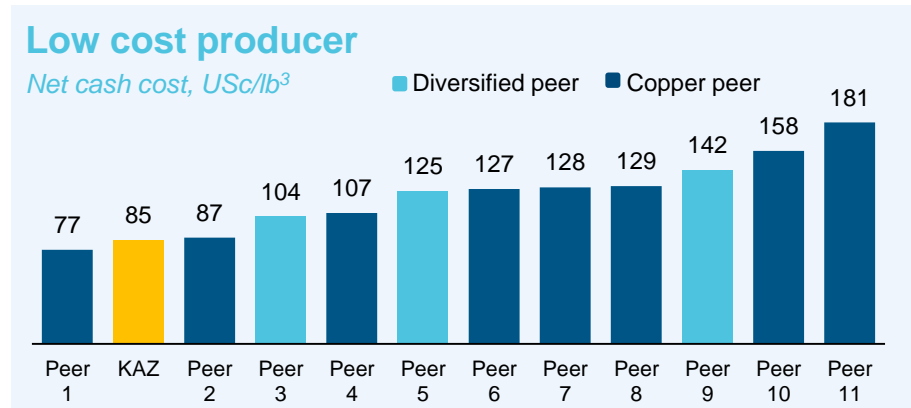
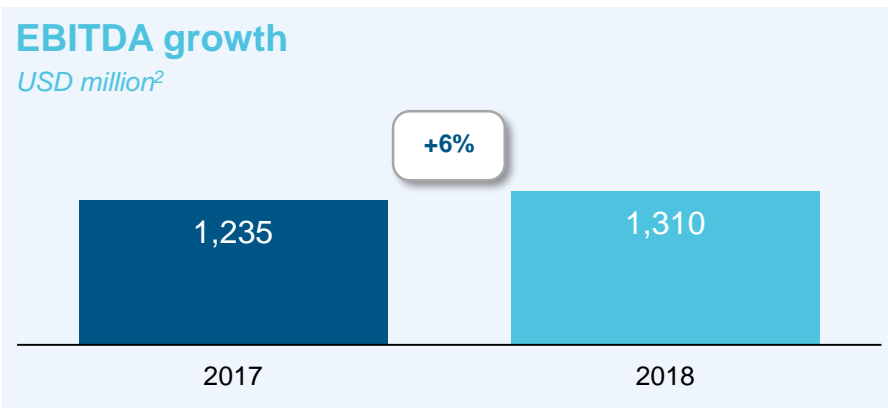
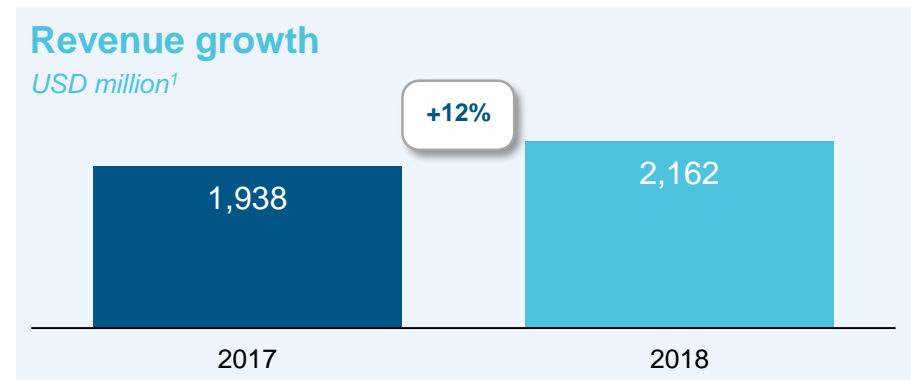
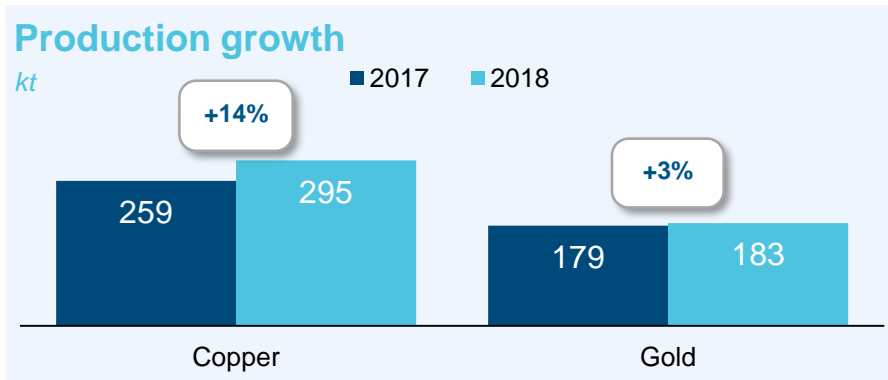
- ▶ Aktogay II and Baimskaya will significantly increase the Group's copper production at a lower capital intensity than the previous major growth projects
- ▶ Economies of scale at Aktogay II will maintain cash costs at 100-120¹ USc/lb out to 2027
- ▶ Baimskaya is expected to be in the first quartile of the global cost curve
- ▶ Both projects offer significant NPV uplift and attractive IRR



Notes:

1. 2017 US dollar terms.
2. Approximate capital expenditure per ktpa copper equivalent production calculated as capital expenditure divided by forecast annual copper equivalent production for the first ten years after commissioning.
3. Net cash cost guidance in USc/lb for the first ten years of operations. Baimskaya operating costs subject to feasibility study.

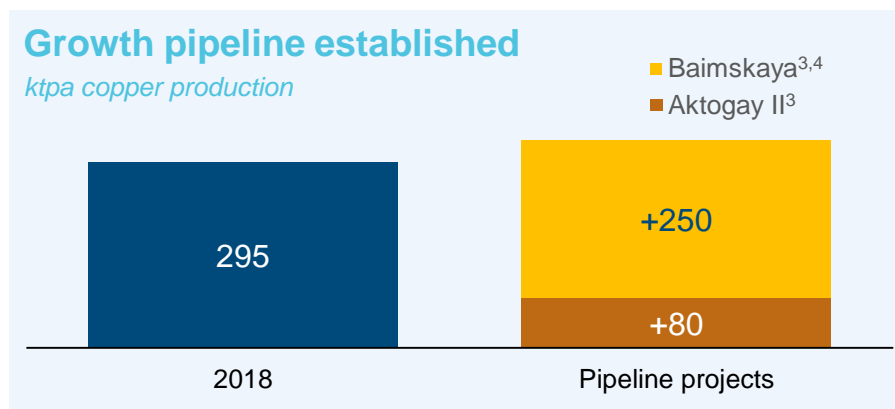
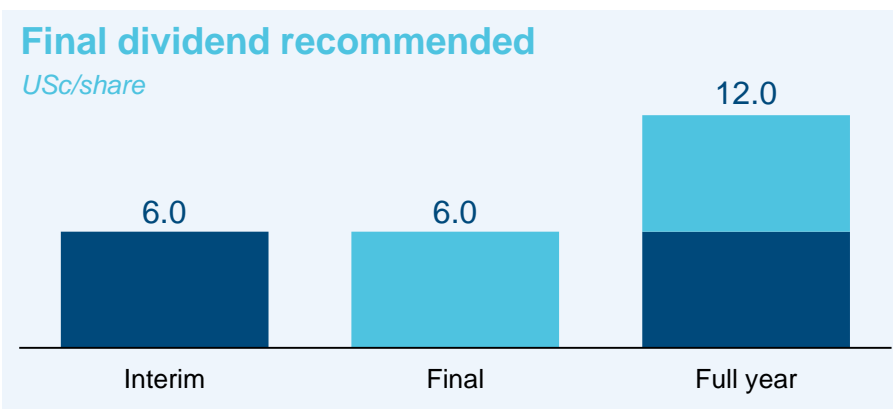
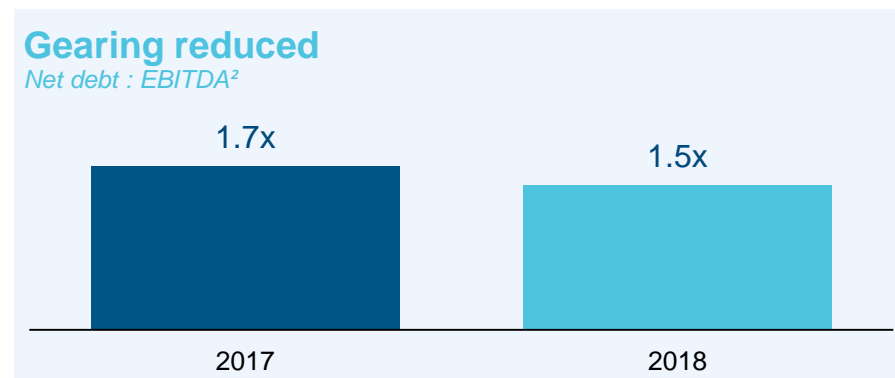
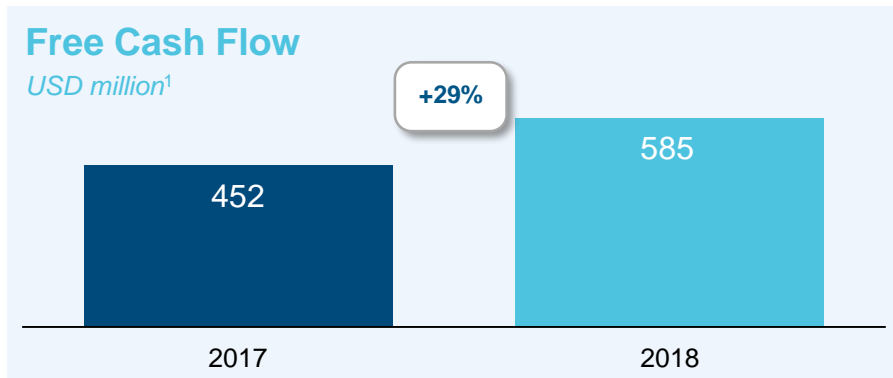
2018 RESULTS HIGHLIGHTS



Notes:

1. The 2017 comparative is Gross Revenue which includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
2. The 2017 comparative is Gross EBITDA which includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
3. Source: Company data, most recently reported financial period.

2018 RESULTS HIGHLIGHTS (CONT'D)



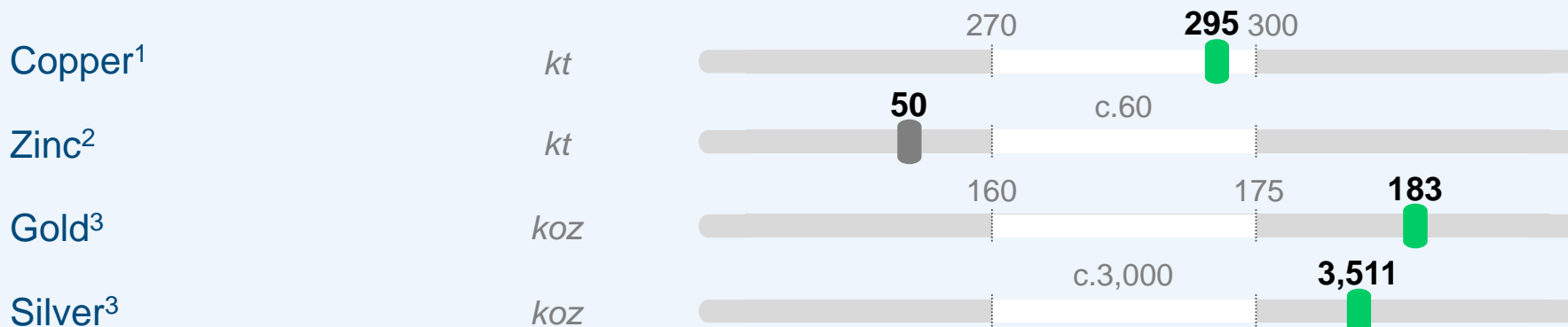
Notes:

1. Net cash flow from operating activities before capital expenditure and non-current VAT associated with expansionary and new projects less sustaining capital expenditure.
2. Gross EBITDA excludes MET, royalties and special items and includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay in 2017.
3. Potential ktpa copper production from new project.
4. Based on 100% share.

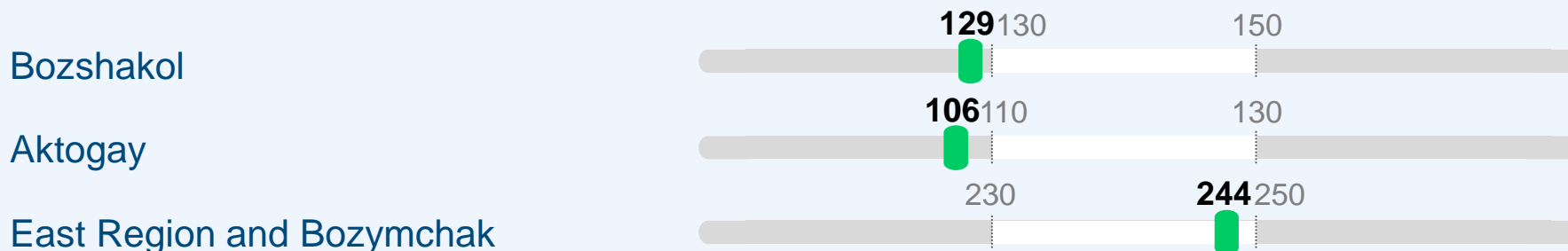
DELIVERING AGAINST 2018 TARGETS



Production



Gross Cash Cost⁴ US\$/lb



Notes:

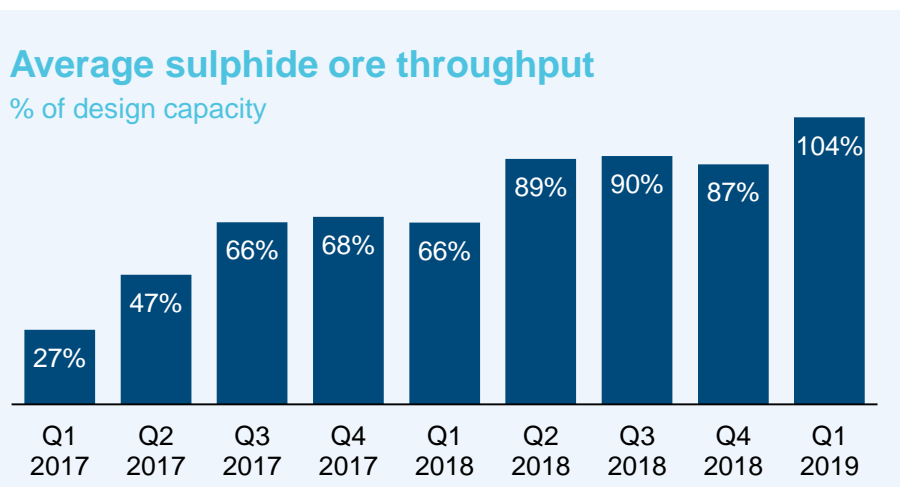
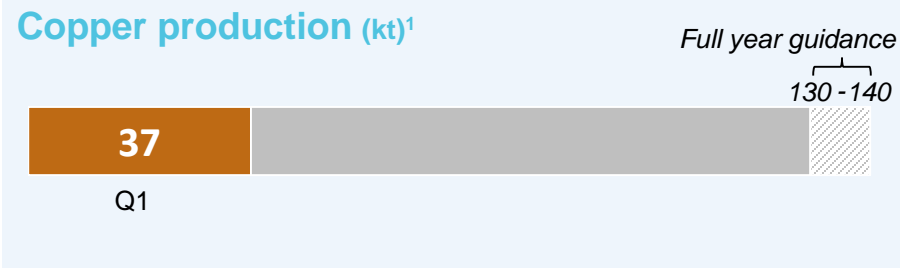
1. Payable metal in concentrate and copper cathode from Aktogay oxide ore.
2. Zinc in concentrate.
3. Payable metal in concentrate.
4. Cash operating costs, plus TC/RC on concentrate sales, divided by copper sales volume.

2. Review of operations

- ▶ FY 2018 production:
 - Copper production¹ 131 kt (2017: 90 kt)
 - Oxide 26 kt (2017: 25 kt)
 - Sulphide 106 kt (2017: 65 kt)
 - Sulphide grade 0.61% (2017: 0.66%), expected to average 0.50% over 2017-21 period and 0.40% from 2022-27

- ▶ 2019 copper output guidance 130-140 kt
 - Oxide c.25 kt
 - Sulphide 105-115 kt

- ▶ Q1 2019 production:
 - Copper production¹ increased by 2% to 36.7 kt (Q4 2018: 36.0 kt)
 - Oxide 5.7 kt (Q4 2018: 6.8 kt)
 - Sulphide 31.0 kt (Q4 2018: 29.2 kt)
 - Mill relinings scheduled and lower grades expected in remaining nine months of 2019



Notes:

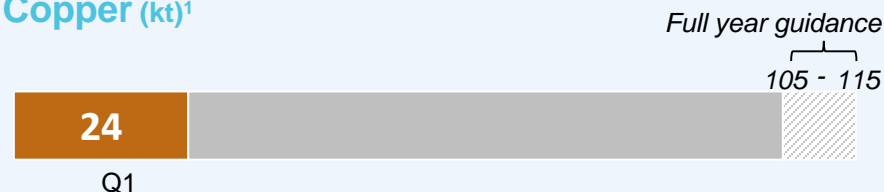
1. Payable metal in concentrate and copper cathode from Aktogay oxide ore.

BOZSHAKOL

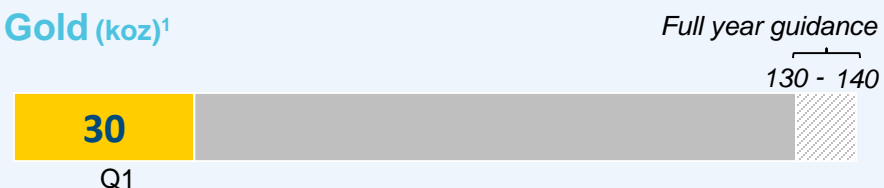


- ▶ FY 2018 production¹:
 - Achieved or exceeded guidance across all metals
 - 102 kt copper, 128 koz gold, 666 koz of silver produced
- ▶ Q1 2019 production:
 - 6.8 Mt ore processed at copper grade of 0.44%
 - Copper production¹ 23.8 kt (Q4 2018: 26.6 kt)
 - Gold production¹ 30 koz (Q4 2018: 34.1 koz)
- ▶ On track to achieve guidance for all metals:
 - Increased clay plant processing expected in remainder of 2019 following Q1 suspension
 - 2019 average copper grade expected to be similar to the 0.48% grade processed in 2018

Copper (kt)¹



Gold (koz)¹



Silver (koz)¹



Notes:

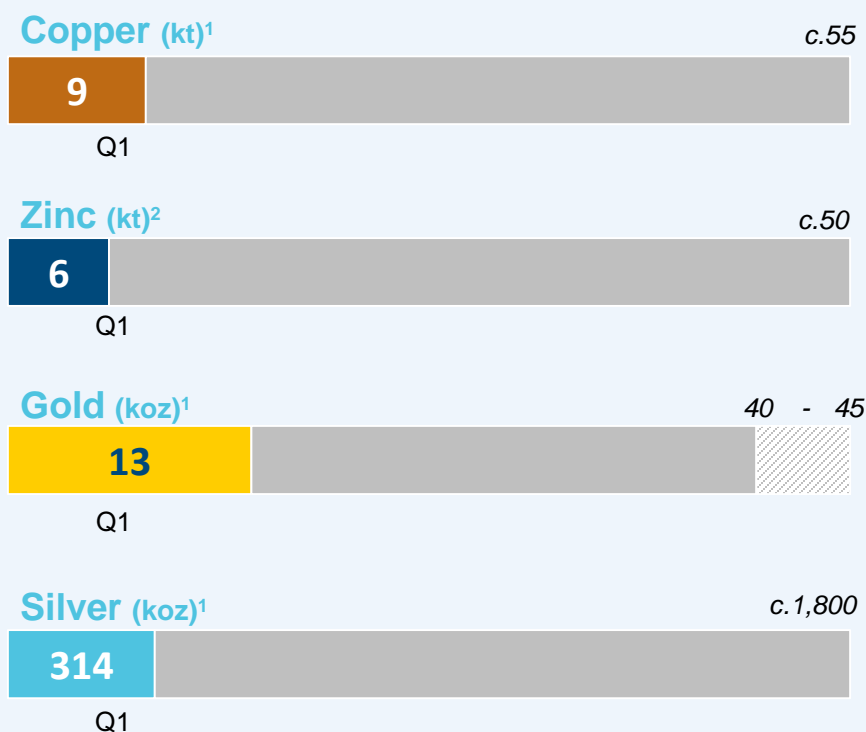
1. Payable metal in concentrate.

EAST REGION AND BOZYMCHAK



- ▶ FY 2018 production:
 - Copper production¹ 62 kt (2017: 67 kt)
 - Gold and silver output exceeded guidance
 - Strong contribution from Bozymchak
- ▶ Q1 2019 production:
 - Processing volumes 36% lower than Q4 2018 due to idling of Nikolayevsky concentrator
 - Copper production¹ 9.5 kt (Q4 2018: 15.3 kt)
 - Gold and silver output in line with expectations
 - Zinc in concentrate production 6.2 kt (Q4 2018: 11.4 kt), full year output expected to be below guidance of c.50 kt
- ▶ Copper, gold and silver production on track to achieve full year guidance as processing volumes increase in remaining nine months of 2019

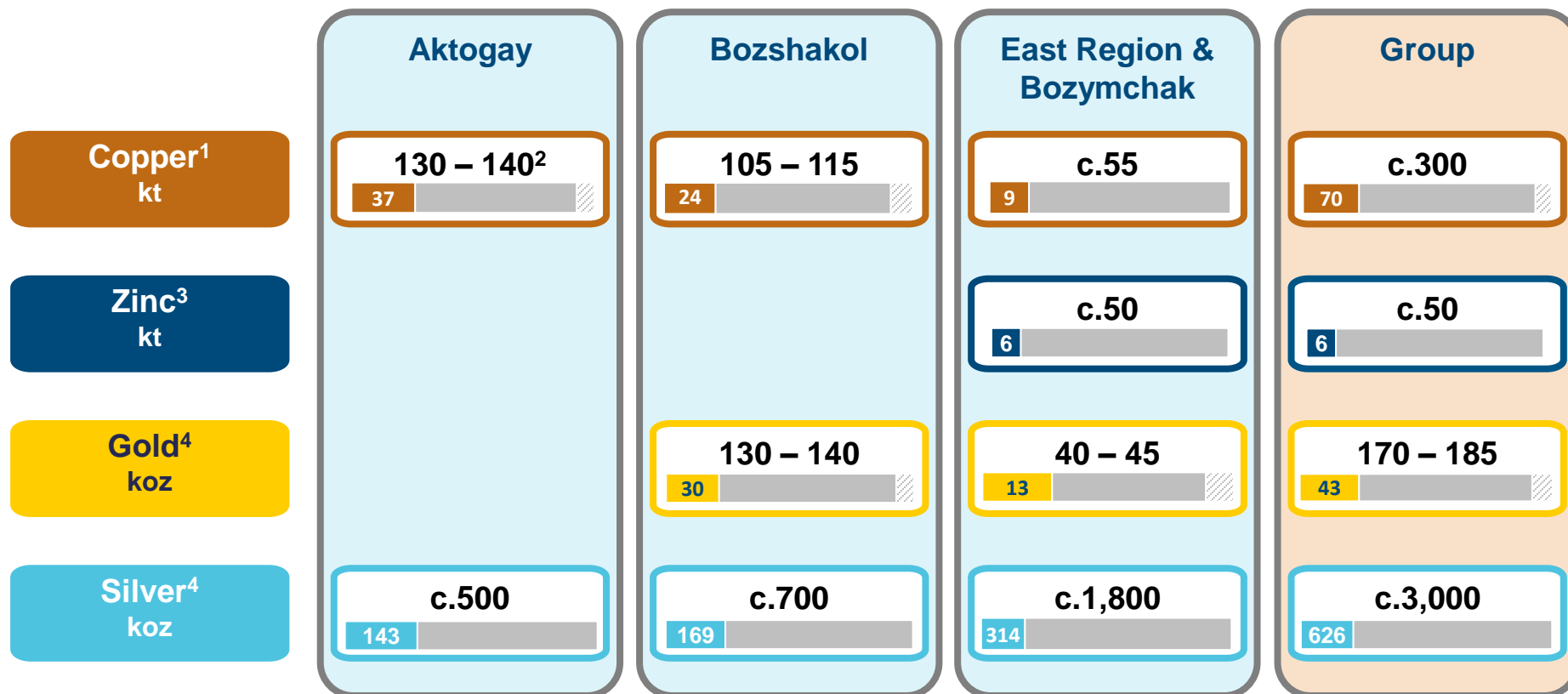
Q1 production vs 2019 guidance



Notes:

1. Payable metal in concentrate.
2. Zinc in concentrate.

2019 GROUP PRODUCTION GUIDANCE



Notes:

1. Payable metal in concentrate and copper cathode from Aktogay oxide ore.
2. Range includes c.25 kt of cathode production from oxide ore.
3. Zinc in concentrate.
4. Payable metal in concentrate.

3. 2018 results

HEALTH AND SAFETY

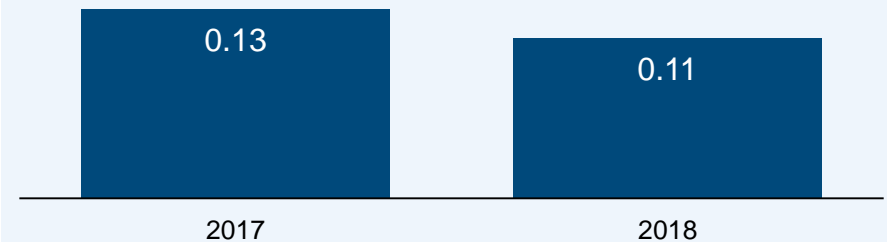


- ▶ Four fatalities occurred in 2018 (2017: 4)
 - No fatality is acceptable, target is zero
 - Zero fatalities from rock fall incidents following ground control improvements
 - Zero fatalities at open pit operations
- ▶ Industry focused on tailings in 2019

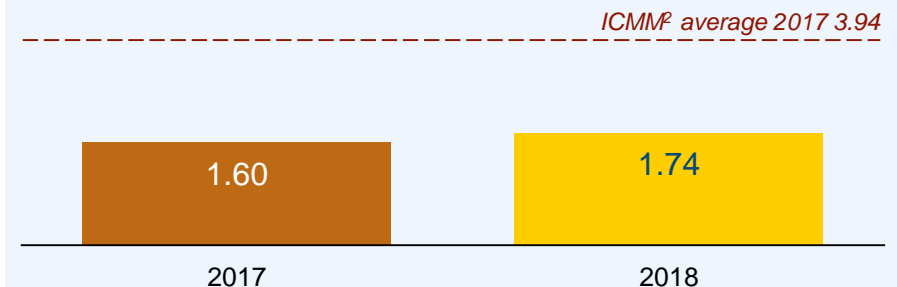
Improving our performance

- ▶ Health and safety audits conducted at all mines
- ▶ Group-wide workshops held to share best practice
- ▶ Investments in emergency response and medical support capabilities
- ▶ New occupational health measures include improved medical monitoring, rehabilitation and return to work procedures

Fatality frequency rate



Total Recordable Injury Frequency Rate¹



Notes:

1. Total Recordable Injury Frequency Rate or TRIFR is the number of Recordable Injuries occurring per million hours worked.
2. International Council on Mining and Metals.

EARNINGS AND FREE CASH FLOW GROWTH



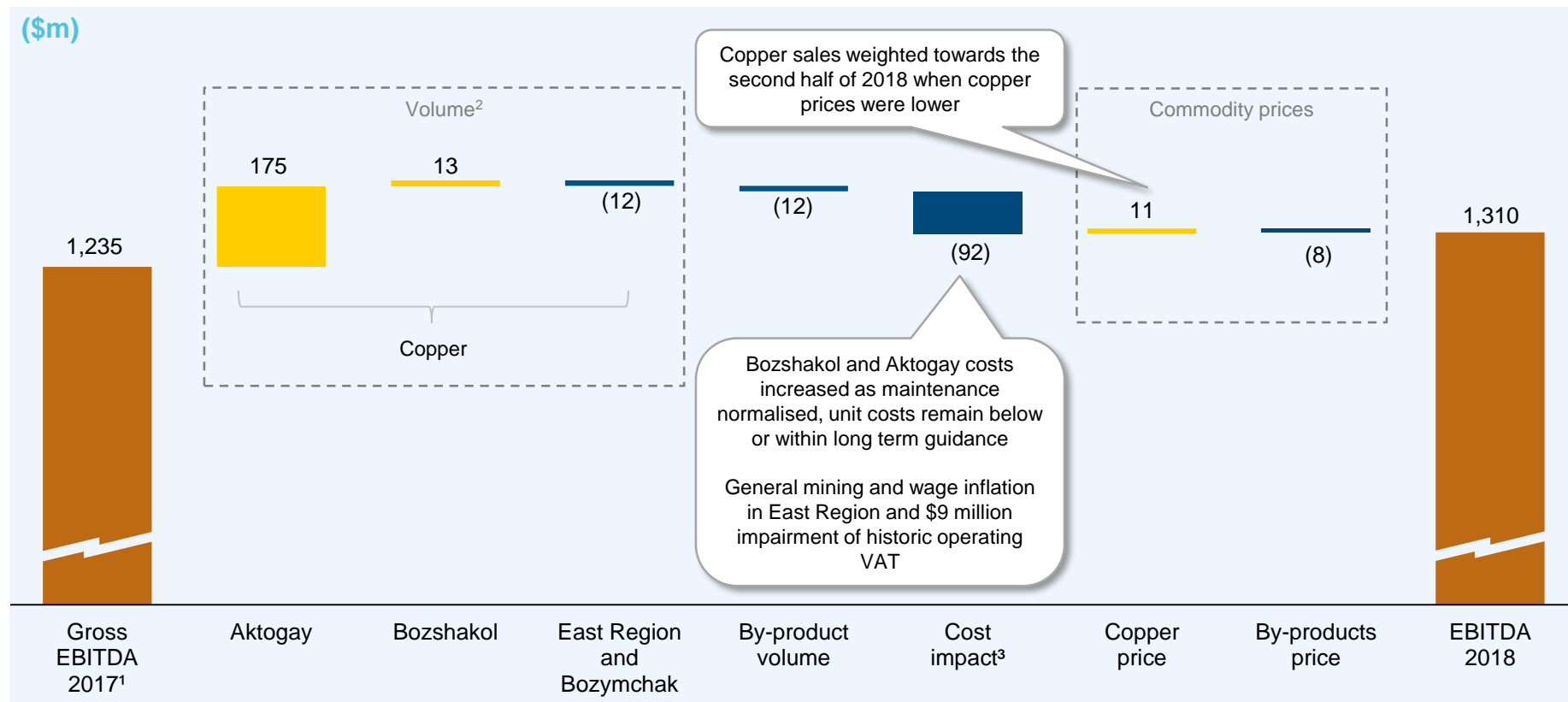
\$m (unless otherwise stated)	2018	2017
Gross Revenues ¹	2,162	1,938
Gross EBITDA ²	1,310	1,235
<i>Margin</i>	61%	64%
Revenues	2,162	1,663
EBITDA ³	1,310	1,038
Net cash cost (USc/lb) ⁴	85	66
Free Cash Flow ⁵	585	452
EPS – based on Underlying Profit (\$) ⁶	1.18	1.07
Net Debt	(1,986)	(2,056)

- ▶ Volume growth from Aktogay has increased earnings and cash flow
- ▶ EBITDA \$1,310 million, 61% margin
- ▶ Competitive net cash cost of 85 USc/lb, all operations in the first quartile of the global cost curve
- ▶ Free Cash Flow increased to \$585 million
- ▶ Gearing of 1.5x EBITDA at 31 December 2018
- ▶ Final dividend of 6.0 US cents per share recommended
- ▶ Net debt \$2,487 million at 31 March 2019
- ▶ Signed new \$600 million debt facility with Development Bank of Kazakhstan, 14 June 2019

Notes:

1. Gross Revenues includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay in 2017.
2. Gross EBITDA excludes MET, royalties and special items and includes the results of pre-commercial production in 2017.
3. EBITDA excludes MET, royalties and special items.
4. Cash operating costs, plus TC/RC on concentrate sales, less by-product Gross Revenues, divided by copper sales volume. 2017 includes pre-commercial production costs.
5. Net cash flow from operating activities before capital expenditure and non-current VAT associated with expansionary and new projects less sustaining capital expenditure.
6. EPS based on Underlying Profit excluding special items.

VOLUME DRIVES EBITDA GROWTH



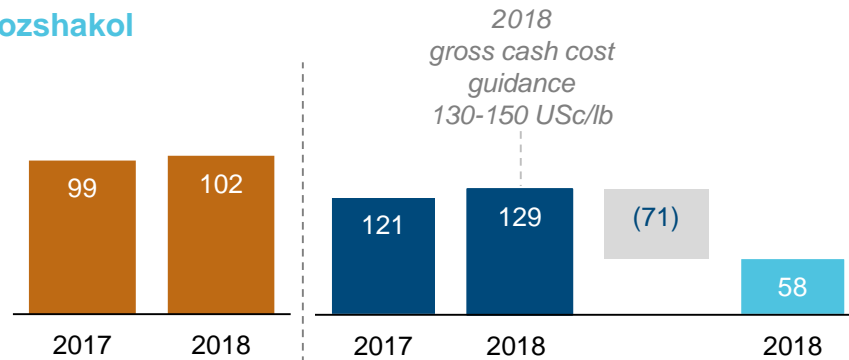
Notes:

1. Includes the results of pre-commercial production in 2017.
2. Change in sales volumes at current year margin.
3. Net change in cash costs per tonne.

COMPETITIVE UNIT COSTS

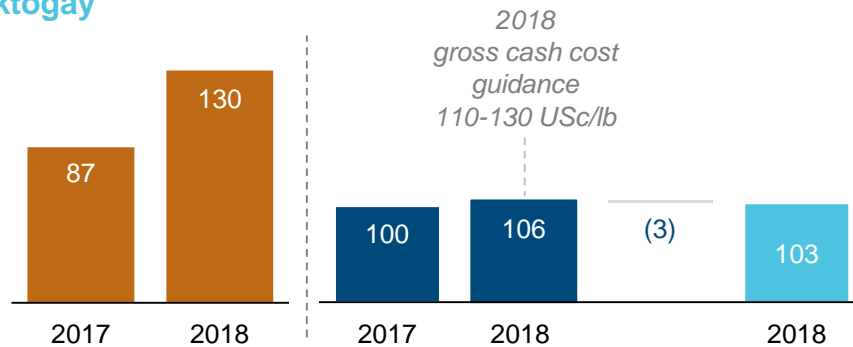


Bozshakol



- ▶ Bozshakol and Aktogay operations remain structurally low cost – low strip ratios, access to power, water and transport networks
- ▶ Both operations delivered below cost guidance
- ▶ Strong gold and silver output at Bozshakol resulted in low net cash cost of 58 USc/lb (2017: 54 USc/lb)

Aktogay



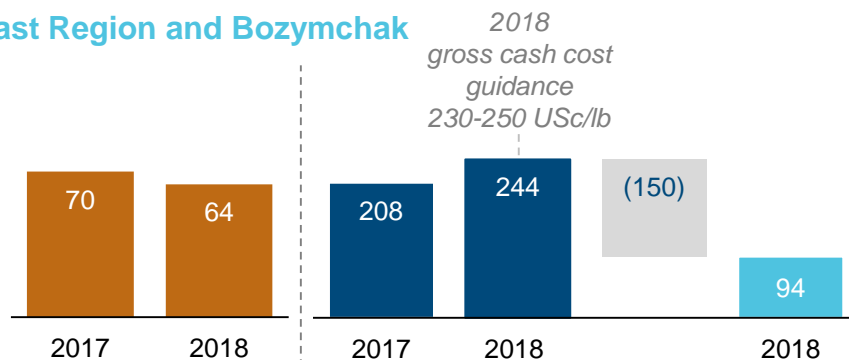
- ▶ Costs increased from 2017 at both mines as maintenance costs normalised following the ramp up of operations. Bozshakol costs also impacted by increased volumes from the higher cost clay plant

■ Copper sales volumes (kt)
 ■ Gross cash cost (USc/lb)
 ■ By-product credit (USc/lb)
 ■ Net cash cost (USc/lb)

COMPETITIVE UNIT COSTS (CONT'D)

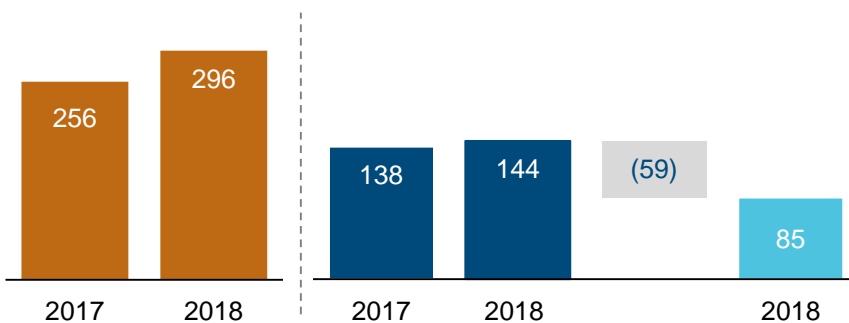


East Region and Bozymchak



- ▶ 2018 costs were in line with market guidance, increase on prior year was mainly due to reduction in sales volumes and some cost inflation
- ▶ Strong by-product credits maintain competitive first quartile net cash cost position at 94 USc/lb (2017: 42 USc/lb)

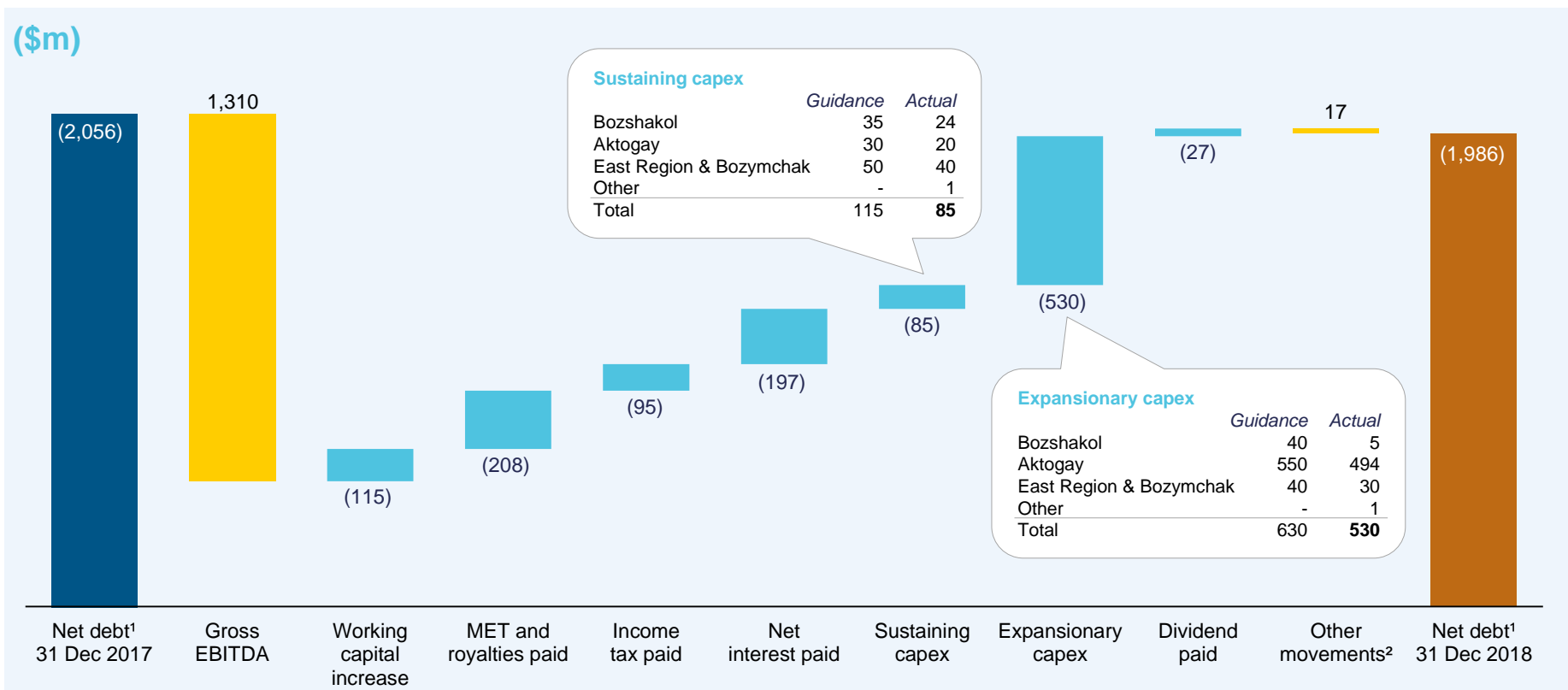
Group



- ▶ Group net cash cost amongst the lowest of pure-play copper producers globally
- ▶ Increase in net cash cost from prior year (2017: 66 USc/lb) mainly reflects ramp up of Aktogay (where by-product credits are minimal) to 45% of Group copper production

■ Copper sales volumes (kt)
 ■ Gross cash cost (USc/lb)
 ■ By-product credit (USc/lb)
 ■ Net cash cost (USc/lb)

MOVEMENT IN GROUP NET DEBT



Notes:

1. The excess of borrowings over gross liquid funds.
2. Includes \$25 million advance receipt in respect of NFC's equity investment in Koksay, \$15 million advances paid on the Baimskaya copper project, other non-current VAT, foreign exchange and other movements.

2019 FINANCIAL GUIDANCE



Gross cash cost (USc/lb)		Sustaining capex (\$ million)		Expansionary capex (\$ million)	
Bozshakol	130-150	Bozshakol ¹	50	Bozshakol ²	40
Aktogay	105-125	Aktogay ¹	50	Aktogay I & II ³	470
East Region & Bozymchak	260-280	East Region & Bozymchak ¹	50	East Region & Bozymchak ⁴	70
		Group	150	Baimskaya	70
				Other	20
				Group	670

Notes:

1. Includes \$10 million of sustaining capital expenditure deferred from 2018.
2. Bozshakol final retention payments to contractors of c.\$40 million carried over from 2018.
3. Includes \$400 million for Aktogay II and \$70 million for Aktogay I, of which \$50 million was carried over from 2018 mainly for final stage of heap leach cells.
4. Principally Artemyevsky underground mine extension, includes \$10 million carried over from 2018.



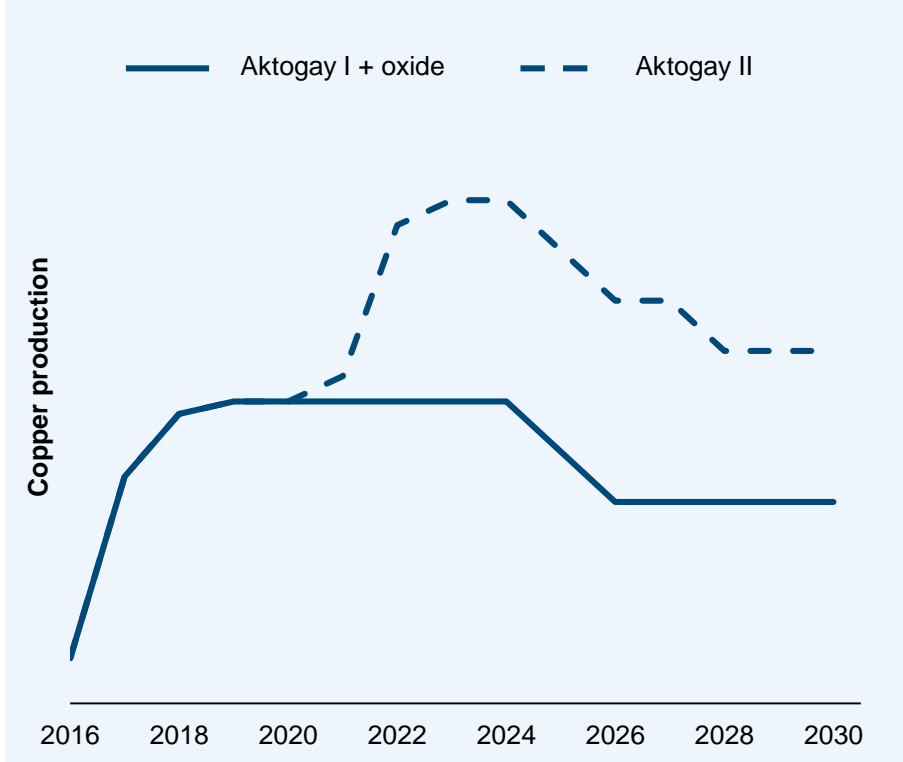
4. Aktogay expansion project

LOW-RISK NEAR TERM GROWTH



- ▶ Aktogay II is a \$1.2 billion project approved in December 2017 to double sulphide processing capacity from 25 to 50 Mtpa
- ▶ Low-risk execution due to existing site infrastructure and identical concentrator design to Aktogay I and Bozshakol
- ▶ First production expected in 2021, ramp up in 2022
- ▶ Adds c.80 kt of annual copper production from 2022-27 and c.60 kt from 2028 onwards
- ▶ Net cash cost 100-120 USc/lb¹
- ▶ Accelerated processing reduces mine life from 56 to 27 years

Indicative copper production profile²



Notes:

1. Net cash cost guidance in USc/lb for the period 2022-27 in 2017 US dollar terms.
2. Indicative production schedule, not to scale.

OPERATING COSTS AND SUSTAINING CAPEX



- ▶ Net cash costs to 2027 expected to be maintained at 100-120 USc/lb¹
- ▶ Operating cost efficiencies from larger scale mining operations offset the effect of accelerated grade decline, as processing volumes are brought forward
- ▶ Sustaining capital expenditure estimated to increase from \$30-\$40 million to \$50-\$60 million per annum from 2022

Copper processing grade profile²

12 months to 31 December 2017, supergene enriched	0.66%
2017 – 2021 Aktogay I	c.0.50%
2022 – 2027 Aktogay I and Aktogay II	c.0.40%
Life of mine sulphide resource grade	0.33%

Notes:

1. 2017 US dollar terms.
2. Sulphide ore.

PROJECT SCHEDULE AND PROGRESS

2018

- ▶ Long lead time equipment ordered, locked-in pricing
- ▶ Initial excavation and earthworks
- ▶ Detailed engineering
- ▶ Site infrastructure

Completed



Schedule

- ▶ Permanent camp and mine maintenance facilities
- ▶ Foundations
- ▶ Structural steel
- ▶ Mill installation
- ▶ First ore processed

Start date

Commenced

Commenced

Commenced

2020

2021



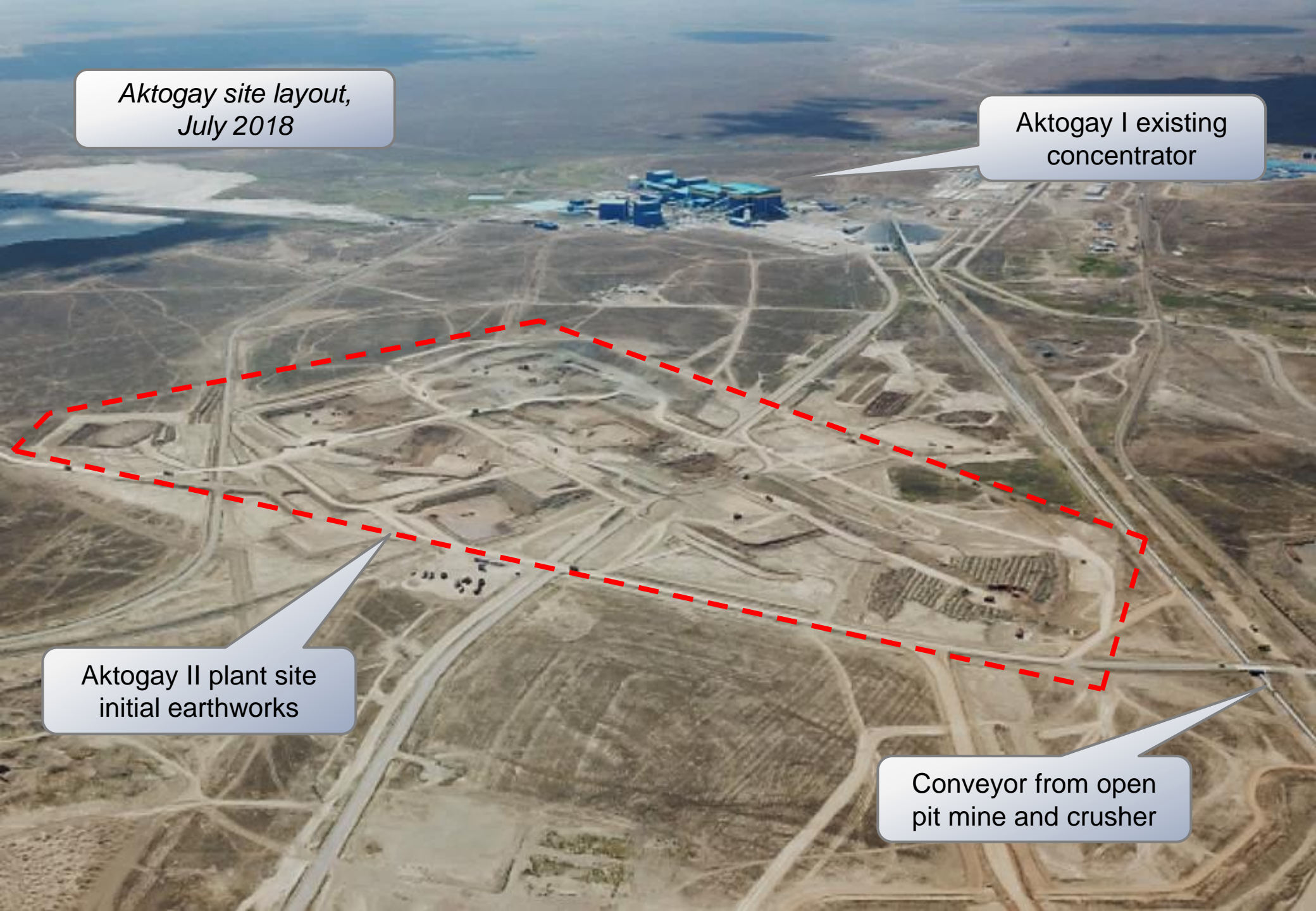
Structural steel works, Aktogay

*Aktogay site layout,
July 2018*

Aktogay I existing
concentrator

Aktogay II plant site
initial earthworks

Conveyor from open
pit mine and crusher



*Primary crusher and
conveyor earthworks,
January 2019*



*Sulphide concentrator II
laying of foundations,
January 2019*



*Sulphide concentrator II
foundations - aerial view,
January 2019*



*Sulphide concentrator II
first structural steel,
February 2019*

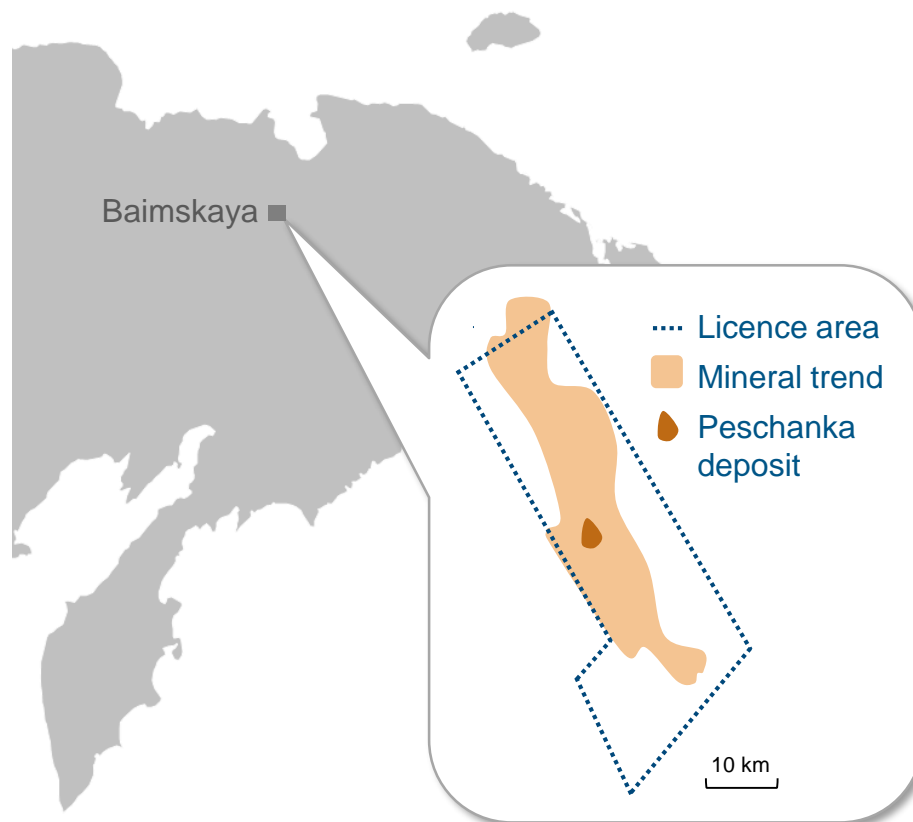




5. Baimskaya acquisition update

BAIMSKAYA PROJECT OVERVIEW

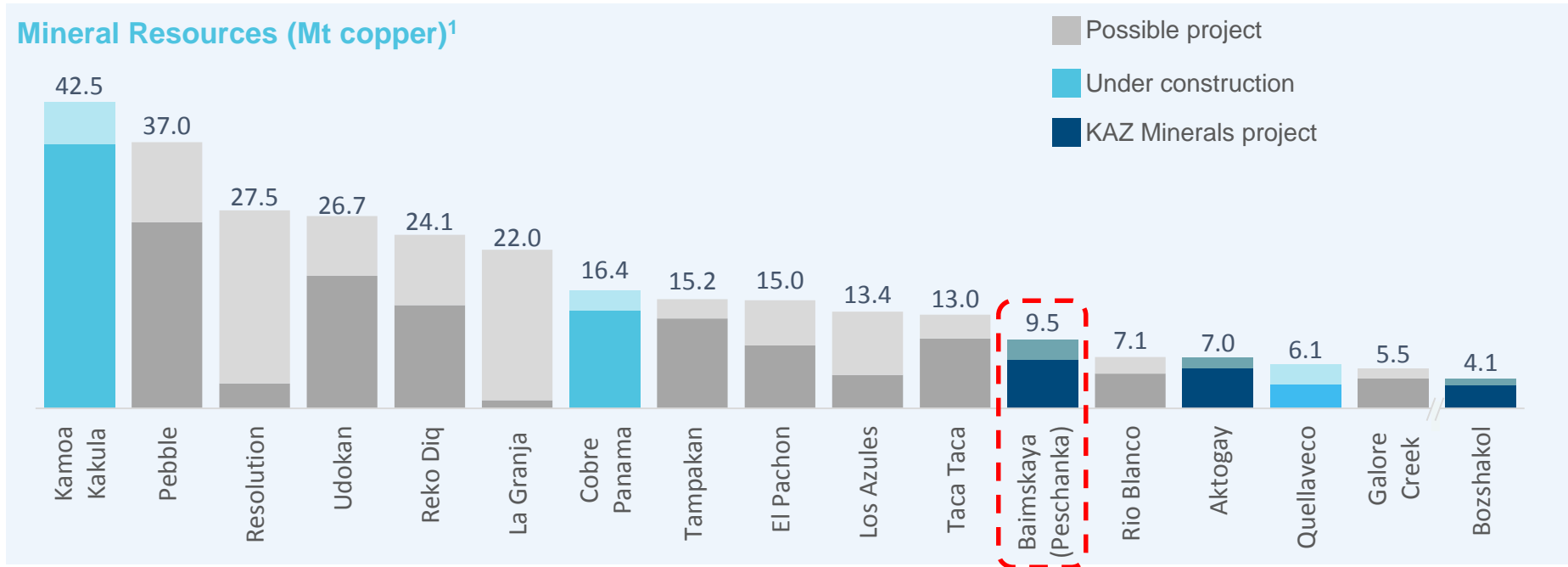
- ▶ The Group has agreed to acquire the Baimskaya copper project for \$900 million in cash and shares
 - \$675 million Initial Consideration plus Deferred Consideration of \$225 million
- ▶ Indicative \$5.5 billion nominal capex budget 2018-26¹
- ▶ 60 Mtpa ore processing capacity, c.25 year mine life
- ▶ Average annual production² of 250 kt copper and 400 koz gold, copper equivalent 330 ktpa³
- ▶ First quartile net cash costs over life of mine, higher grades in first ten years of operations
- ▶ Potential for resource expansion in c.1,300 sq. km licence area



Baimka mineral trend and licence area

1. In nominal terms based on 100% share of development capital expenditure, subject to confirmation in feasibility study.
2. Average for first ten years of operations, based on 100% share of production.
3. Assuming analyst consensus long term copper price of 6,700 \$/t and gold price of 1,300 \$/oz.

GLOBALLY SIGNIFICANT COPPER RESOURCE



► The Peschanka deposit in the Baimskaya licence area ranks in the top 10 undeveloped greenfield copper projects globally

1. Source: Company data. Mineral Resources include Measured and Indicated Resources (bottom bar) and Inferred Resources (top bar).

PESCHANKA DEPOSIT MINERAL RESOURCES



		Measured	Indicated	Inferred	Total
Mineral resources	Mt	139	1,289	774	2,202
<i>Copper grade</i>	%	0.72	0.44	0.36	0.43
Contained copper	Mt	1.0	5.7	2.8	9.5
<i>Gold grade</i>	g/t	0.39	0.26	0.16	0.23
Contained gold	Moz	1.7	10.8	4.0	16.5
<i>Silver grade</i>	g/t	4.0	2.4	2.0	2.4
<i>Molybdenum grade</i>	ppm	140	120	90	110

ACQUISITION COMPLETED

- ▶ Initial Completion for 75% stake occurred on 22 January 2019
 - \$436 million in cash paid and 22,344,944 of new KAZ Minerals PLC ordinary shares issued to Vendor
- ▶ Bankable feasibility study in progress
 - Fluor appointed as the lead contractor for feasibility study
 - Results expected to be announced in the first half of 2020
- ▶ During feasibility study, the Group will continue discussions with banks and consider partnering options
- ▶ Deferred Consideration of \$225¹ million for remaining 25% stake, payable in shares or cash dependent on Project Delivery Conditions



Peschanka deposit, Baimskaya copper project

Notes:

1. Vendor will not contribute to development capital expenditure due to Deferred Consideration structure

FINANCING

Acquisition cost

- ▶ Cash component (\$436 million) covered by existing cash resources

Project development

- ▶ Large scale, low cost project and strong execution credentials will attract a range of finance options
- ▶ The Group has a strong track record of obtaining debt facilities to fund major project development
- ▶ Financing requirements are manageable:
 - Capex spread over 2018-26
 - Existing asset base is highly cash generative
 - Options for phasing of capex deployment
- ▶ Financing structure to be developed during feasibility
- ▶ Expected to attract interest from Russian, Chinese and international lenders



Bozshakol construction, 2014

OPERATING IN RUSSIA

- ▶ Development of the Far East of Russia is a high priority strategic objective of the Russian Government
- ▶ Significant support from the Russian Government is available in the form of power and transport infrastructure investments and tax incentives
- ▶ Vendor retained as local partner for development phase
- ▶ KAZ Minerals will have a number of advantages operating in Russia:
 - Close political links with Kazakhstan
 - Common language and business culture
 - Customs union (Eurasian Economic Union)
 - Experience of cold climate and remote locations



Chukotka region, Russia

INFRASTRUCTURE AND GOVERNMENT SUPPORT UPDATES



Power

- ▶ Floating nuclear facility successfully tested in Murmansk by Rosatom
- ▶ Government funded 110 kV Bilibino-Baimskaya power line on schedule to be completed by end of 2019

Road

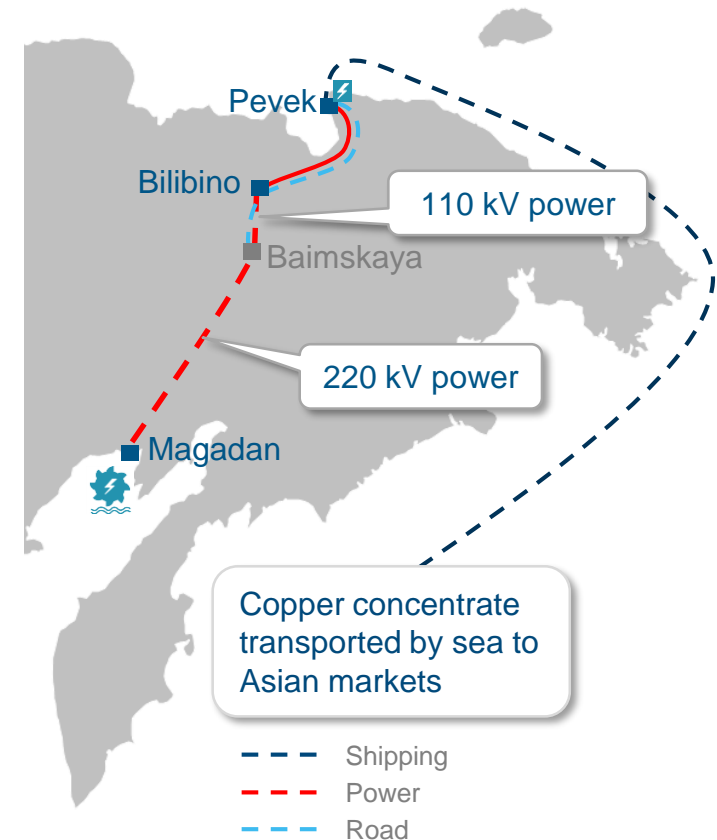
- ▶ Construction of Baimskaya-Pevek all-season road progressing in 2019

Shipping

- ▶ Northern Sea Route winter traffic increasing

Tax incentives

- ▶ Existing TASED zone expanded to include Baimskaya licence area
- ▶ Group will apply for project TASED status in due course

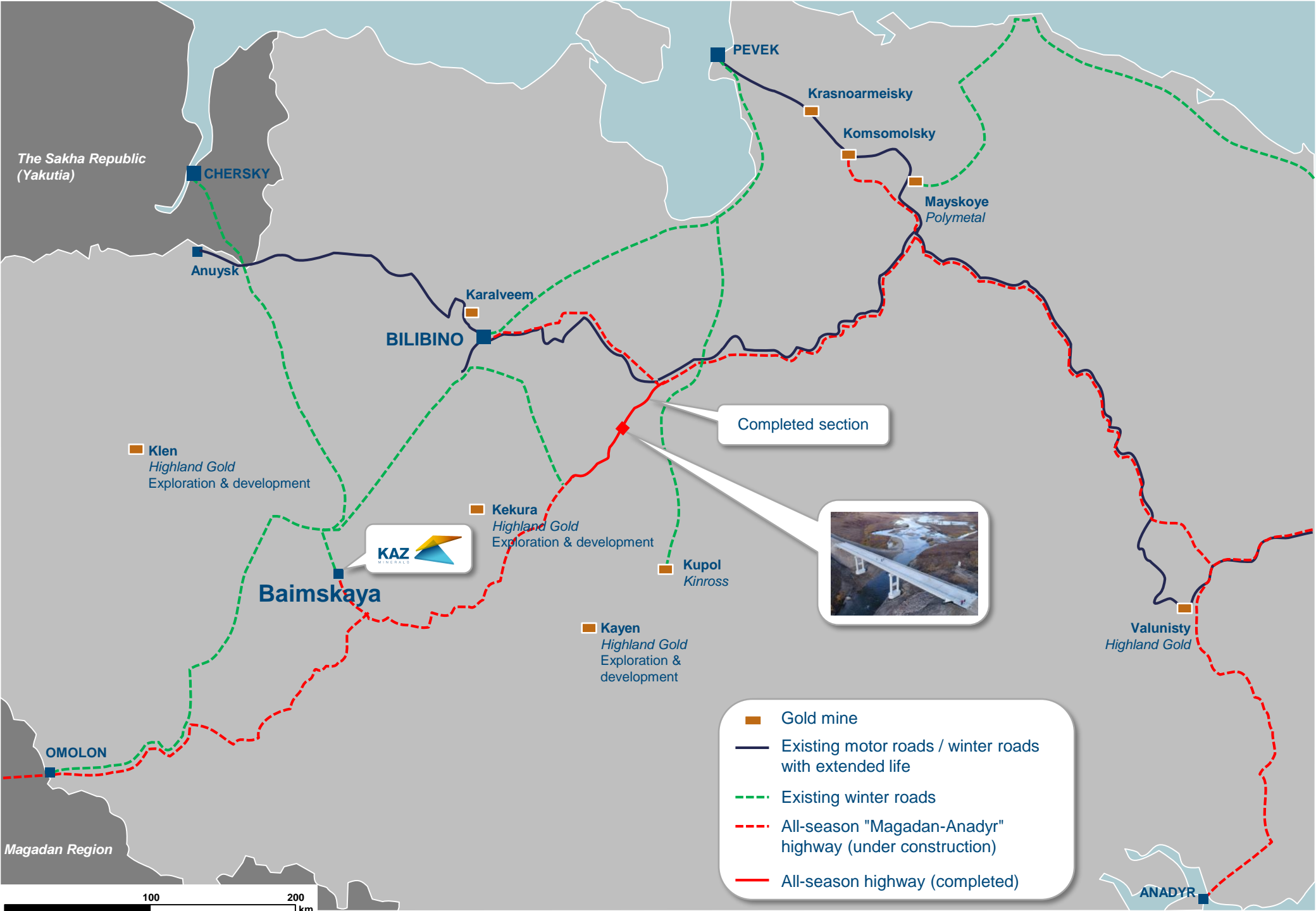


*Russian government funded
floating nuclear power facility
'Akademik Lomonosov'*



*Delivery of pylons for
110 kV power line,
Pevek*





The Sakha Republic (Yakutia)

CHERSKY

Anuysk

BILIBINO

Karalveem

PEVEK

Krasnoarmeisky

Komsomolsky

Mayskoye Polymetal

Klen
Highland Gold
Exploration & development



Baimskaya

Kekura
Highland Gold
Exploration & development

Kupol Kinross

Kayen
Highland Gold
Exploration & development

Completed section



Valunisty
Highland Gold

OMOLON

Magadan Region


ANADYR

- Gold mine
- Existing motor roads / winter roads with extended life
- - - Existing winter roads
- - - All-season "Magadan-Anadyr" highway (under construction)
- All-season highway (completed)

100 200
1km

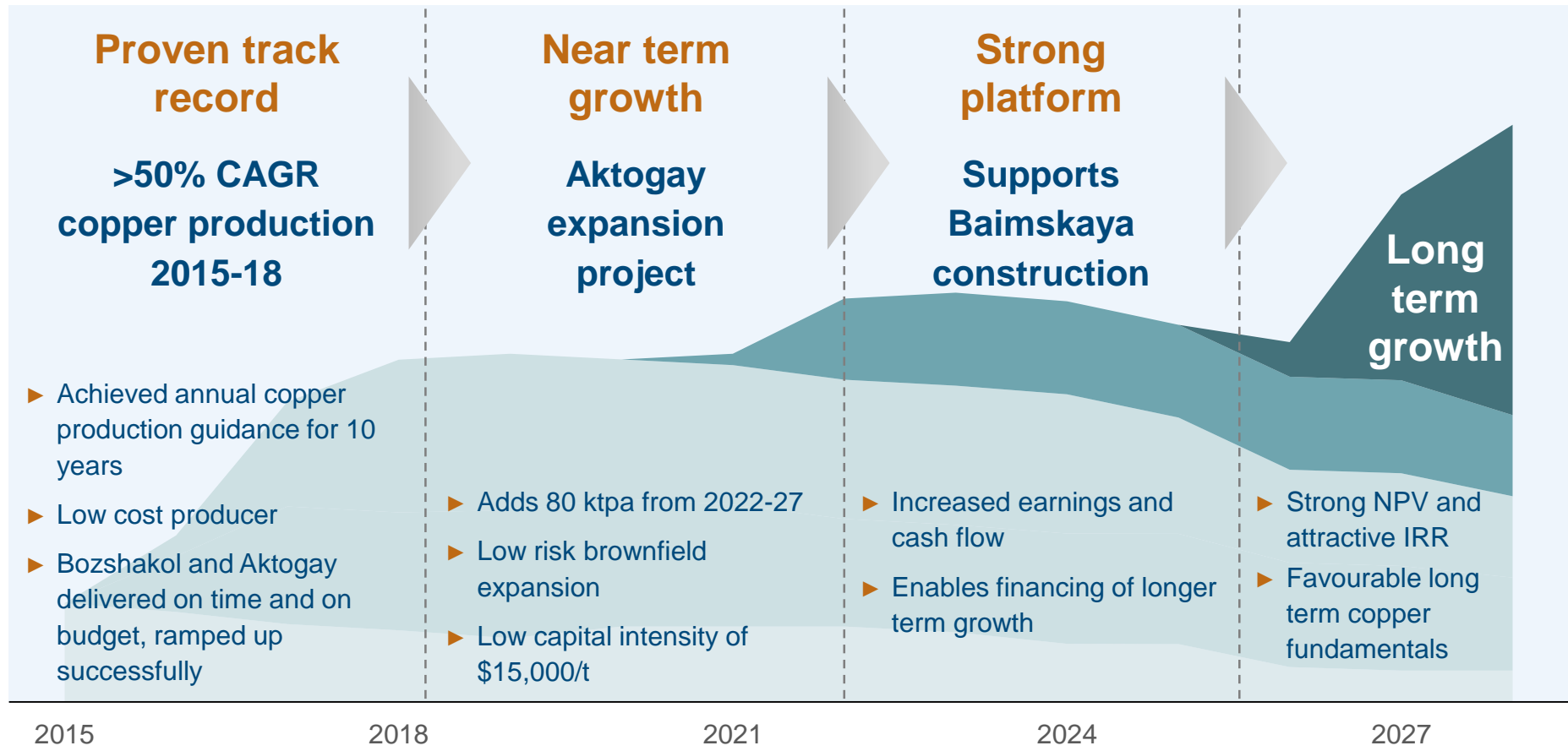
*Government funded
road infrastructure under
construction*





6. Near and long term growth

NEAR AND LONG TERM GROWTH IN COPPER



APPENDIX

SUMMARY INCOME STATEMENT



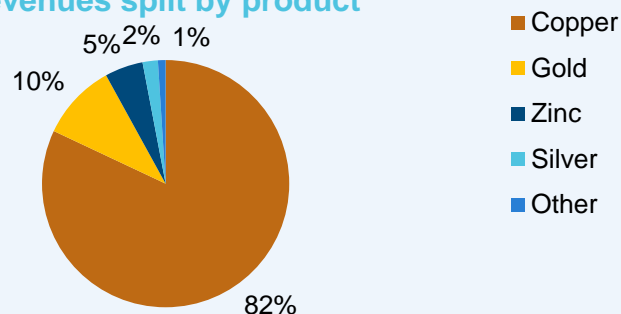
Key line items

\$m (unless otherwise stated)	2018	2017
Revenues¹	2,162	1,663
Cost of sales	(1,077)	(755)
Gross profit	1,085	908
Operating profit	851	715
Net finance costs	(212)	(135)
Foreign exchange gain	3	-
Profit before tax	642	580
Income tax expense	(132)	(133)
Profit for the year	510	447
EPS based on Underlying Profit (\$)	1.18	1.07

Reconciliation of Underlying Profit

\$m	2018	2017
Net profit attributable to equity shareholders of the Company	510	447
Impairment charges	20	19
PXF fees	-	10
Underlying Profit	530	476

2018 revenues split by product



Notes:

1. Excludes pre-commercial production revenues in 2017: \$275 million (Bozshakol clay \$21 million, Aktogay sulphide \$254 million).

REVENUES AND SALES VOLUMES (COMMERCIAL PRODUCTION ONLY)



Revenues¹

\$m	2018	2017
Copper cathode	690	629
Copper in concentrate	1,087	629
Zinc in concentrate	101	115
Gold bar	68	78
Gold in concentrate	144	138
Silver bar	40	50
Silver in concentrate	15	13
Other	17	11
Total revenues	2,162	1,663

Average realised prices

	2018	2017
Copper cathode (\$/t)	6,531	6,252
Copper in concentrate (\$/t) ³	5,709	5,837
Zinc in concentrate (\$/t)	2,015	2,038
Gold bar (\$/oz)	1,265	1,262
Gold in concentrate (\$/oz) ³	1,258	1,280
Silver bar (\$/oz)	15.7	17.1
Silver in concentrate (\$/oz) ³	15.3	16.5

Sales volumes¹

kt (unless otherwise stated)	2018	2017
Copper cathode	106	101
Copper in concentrate ²	190	108
Zinc in concentrate	50	57
Gold bar (koz)	54	62
Gold in concentrate (koz) ²	115	107
Silver bar (koz)	2,518	2,940
Silver in concentrate (koz) ²	1,009	745

LME and LBMA Prices

	2018	2017
Copper (\$/t)	6,526	6,163
Zinc (\$/t)	2,922	2,896
Gold (\$/oz)	1,268	1,257
Silver (\$/oz)	15.7	17.0

Notes:

1. Excludes pre-commercial production, therefore excludes Bozshakol clay prior to 1 July 2017 and Aktogay sulphide prior to 1 October 2017.
2. Payable metal in concentrate.
3. After the deduction of processing charges.

GROSS REVENUES AND SALES VOLUMES



Gross Revenues¹

\$m	2018	2017
Copper cathode	690	698
Copper in concentrate	1,087	834
Zinc in concentrate	101	115
Gold bar	68	78
Gold in concentrate	144	138
Silver bar	40	50
Silver in concentrate	15	14
Other	17	11
Total revenues	2,162	1,938

Average realised prices

	2018	2017
Copper cathode (\$/t)	6,531	6,233
Copper in concentrate (\$/t) ³	5,709	5,804
Zinc in concentrate (\$/t)	2,015	2,038
Gold bar (\$/oz)	1,265	1,262
Gold in concentrate (\$/oz) ³	1,258	1,280
Silver bar (\$/oz)	15.7	17.1
Silver in concentrate (\$/oz) ³	15.3	16.5

Sales volumes¹

kt (unless otherwise stated)	2018	2017
Copper cathode	106	112
Copper in concentrate ²	190	144
Zinc in concentrate	50	57
Gold bar (koz)	54	62
Gold in concentrate (koz) ²	115	107
Silver bar (koz)	2,518	2,940
Silver in concentrate (koz) ²	1,009	819

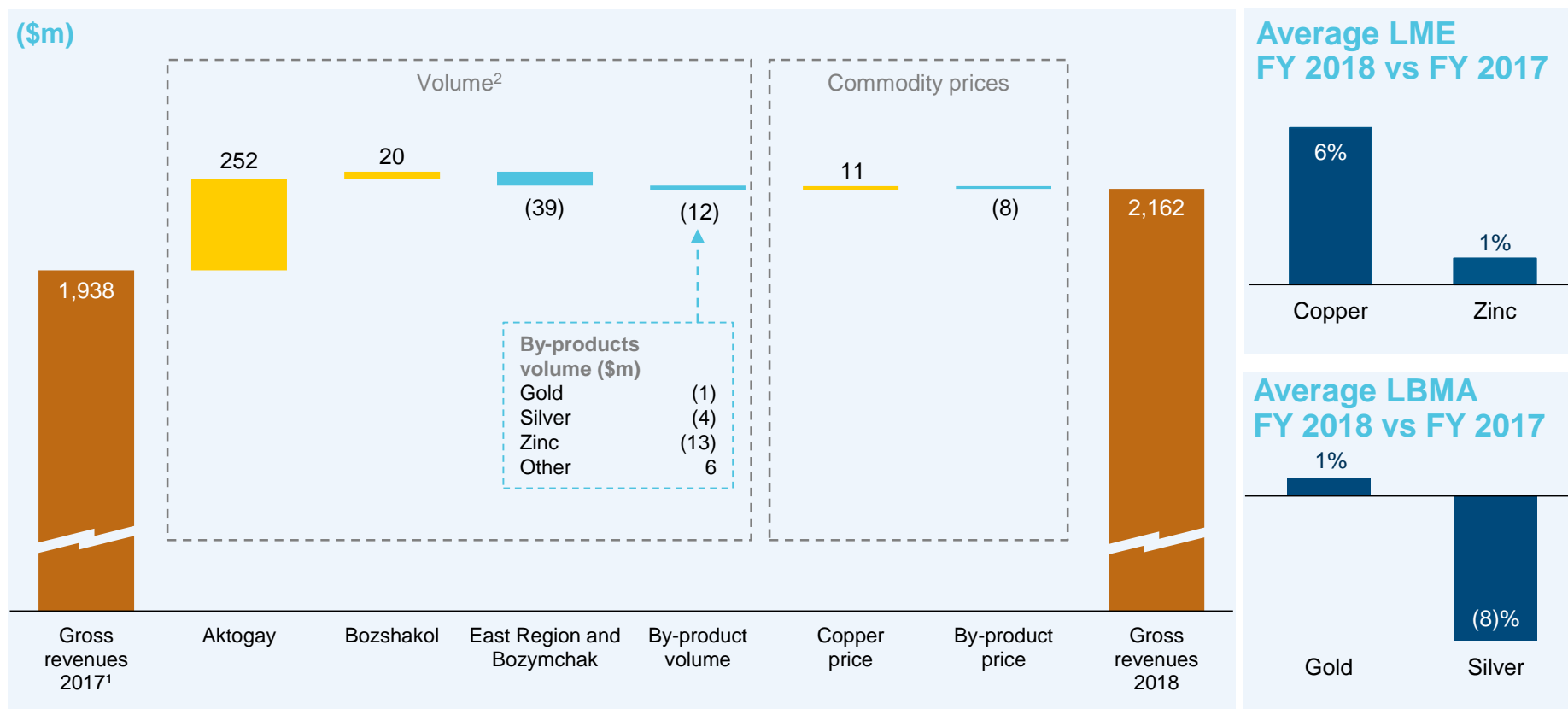
LME and LBMA Prices

	2018	2017
Copper (\$/t)	6,526	6,163
Zinc (\$/t)	2,922	2,896
Gold (\$/oz)	1,268	1,257
Silver (\$/oz)	15.7	17.0

Notes:

1. Includes pre-commercial production, therefore includes Aktogay and Bozshakol for the full year.
2. Payable metal in concentrate.
3. After the deduction of processing charges.

GROSS REVENUE RECONCILIATION



Notes:

1. Includes pre-commercial revenues in 2017: \$275 million (Bozshakol clay \$21 million, Aktogay sulphide \$254 million).
2. Change in sales volumes at current year price.

EBITDA RECONCILIATION



EBITDA by operating segment

\$m	2018	2017
Bozshakol ¹	520	515
Aktogay ¹	530	374
East Region and Bozymchak	284	371
Corporate services	(24)	(25)
Gross EBITDA¹	1,310	1,235
Less: Capitalised pre-commercial production EBITDA	-	(197)
Bozshakol	-	(12)
Aktogay	-	(185)
EBITDA²	1,310	1,038

Notes:

1. Gross EBITDA excludes MET, royalties and special items and includes the results of pre-commercial production in 2017.
2. EBITDA excludes MET, royalties and special items.

CASH FLOW



(\$m)	2018	2017
EBITDA¹	1,310	1,038
Working capital movements ²	(115)	(40)
Interest paid	(229)	(222)
MET and royalties paid ²	(208)	(151)
Income tax paid	(95)	(110)
Foreign exchange and other movements	7	5
Net cash flows from operating activities before capital expenditure and non-current VAT associated with major projects	670	520
Sustaining capital expenditure	(85)	(68)
Free Cash Flow	585	452
Expansionary and new project capital expenditure ³	(530)	(69)
Non-current VAT associated with major projects	3	232
Proceeds from disposal of property, plant and equipment	-	1
Interest received	32	16
Dividends paid	(27)	-
Other investments	10	-
Other movements	(3)	(1)
Cash flow movement in net debt	70	631

Notes:

1. EBITDA excludes MET, royalties and special items.
2. Excludes working capital and MET movements arising from pre-commercial production at the Bozshakol and Aktogay operations in 2017.
3. Capital expenditure includes the capitalisation of revenues, costs and working capital outflows during the periods of pre-commercial production in 2017.

SUMMARY BALANCE SHEET



Assets

\$m	2018	2017
Non-current assets	2,897	3,215
Cash and cash equivalents and current investments	1,469	1,821
Other current assets	674	586
Total	5,040	5,622

Non-current assets

\$m	2018	2017
Intangible assets	6	7
Property, plant and equipment	2,130	2,535
Mining assets	432	438
Other non-current assets	301	170
Deferred tax asset	28	65
Total	2,897	3,215

Equity & liabilities

\$m	2018	2017
Equity	1,054	998
Borrowings	3,453	3,877
Other liabilities	533	747
Total	5,040	5,622

Net debt

\$m	2018	2017
Cash and cash equivalents and current investments	1,469	1,821
Less restricted cash	(2)	-
Borrowings	(3,453)	(3,877)
<i>Short-term</i>	(539)	(418)
<i>Long-term</i>	(2,914)	(3,459)
Total	(1,986)	(2,056)

DEBT FACILITIES



Facility	Maturity and interest rate	Balance as at 31 December 2018 ¹
CDB Bozshakol/Bozymchak	Final maturity 2025 <ul style="list-style-type: none"> ▶ \$ LIBOR + 4.5% ▶ Semi-annual principal and interest payments 	Fully drawn – \$1,357 million <ul style="list-style-type: none"> ▶ Balance sheet covenant
CDB Aktogay	Final maturity 2029 <ul style="list-style-type: none"> ▶ \$ LIBOR + 4.2% (USD facility) ▶ PBoC 5 year (RMB facility) ▶ USD facility - semi-annual principal and interest payments ▶ RMB facility - semi-annual principal and quarterly interest payments 	Fully drawn – \$1,343 million <ul style="list-style-type: none"> ▶ Balance sheet covenant
DBK Aktogay I	Final maturity 2025 <ul style="list-style-type: none"> ▶ \$ LIBOR + 4.5% ▶ Semi-annual principal and interest payments (USD) 	Fully drawn – \$278 million <ul style="list-style-type: none"> ▶ Balance sheet covenant
DBK Aktogay II	Final maturity 2034 <ul style="list-style-type: none"> ▶ \$ LIBOR + 3.9% ▶ First repayment due three years after the date of first drawing ▶ Semi-annual principal and interest payments (USD) 	\$600 million facility - undrawn <ul style="list-style-type: none"> ▶ New \$600m DBK signed on 14 June 2019 ▶ First drawing under the loan expected during the third quarter of 2019 ▶ Balance sheet covenant
PXF	Final maturity 2021 <ul style="list-style-type: none"> ▶ Margin based on net debt/EBITDA ratio <ul style="list-style-type: none"> - between \$ LIBOR +3.0% to 4.5% ▶ Monthly interest payments and principal repayments to June 2021 	Fully drawn – \$500 million <ul style="list-style-type: none"> ▶ \$600m PXF signed in June 2017 <ul style="list-style-type: none"> - Extended final maturity by 2.5 years to June 2021 - Monthly principal repayments from July 2018

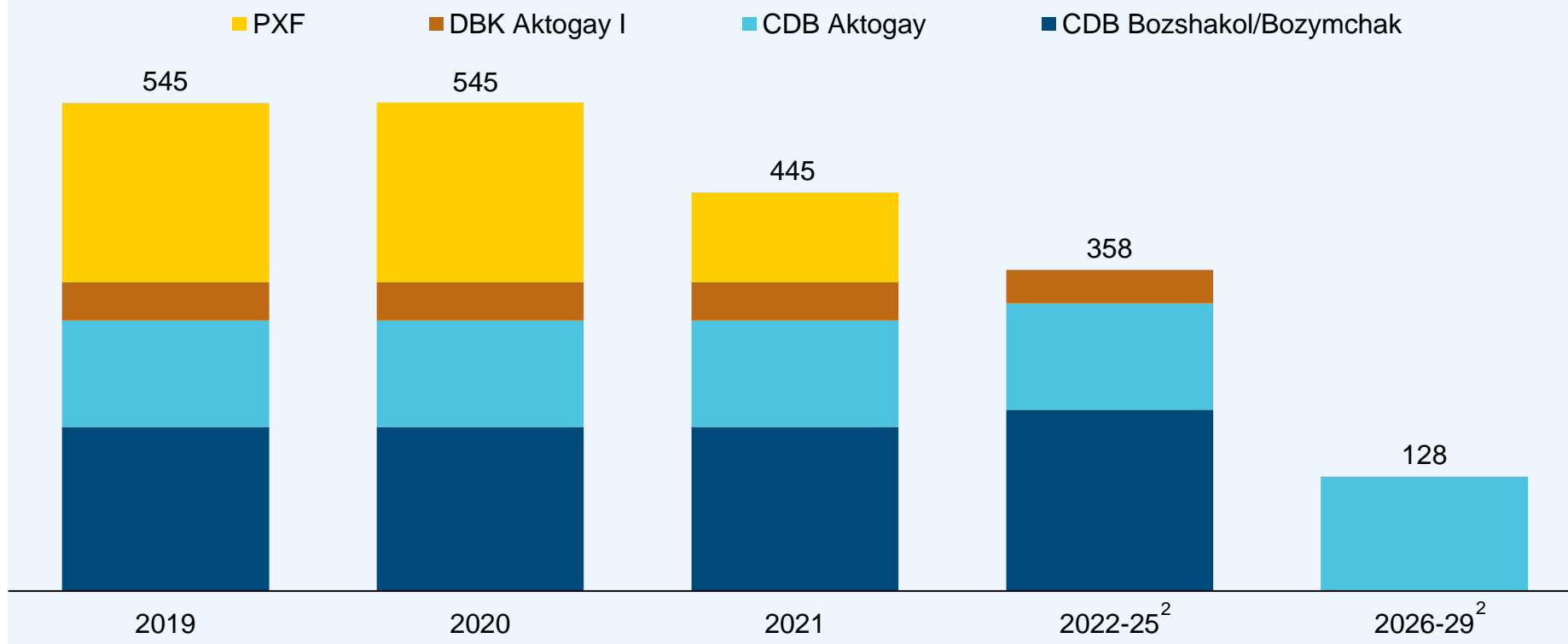
Notes:

1. Drawn amount excludes arrangement fees.

DEBT REPAYMENT PROFILE



Repayment Profile¹ (\$m)



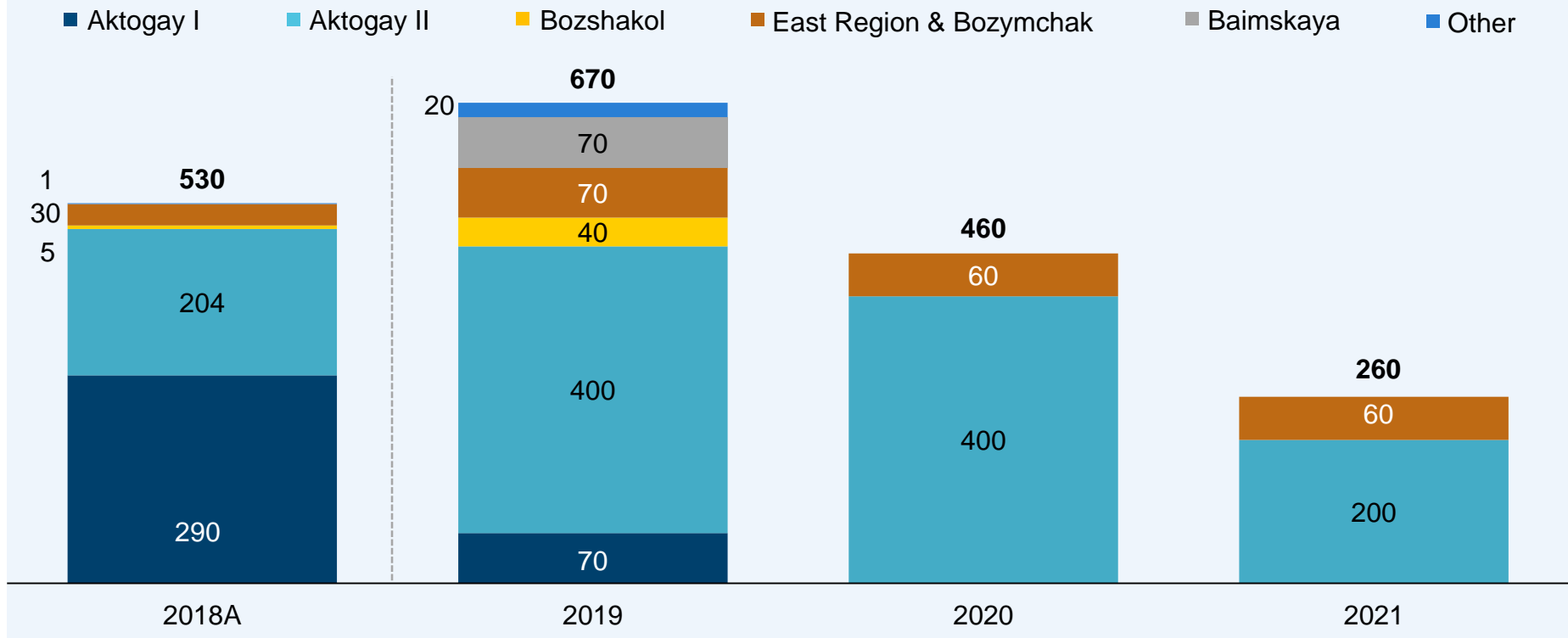
Notes:

1. Based on drawn debt facilities at 31 December 2018. DBK Aktogay II facility was undrawn at this date,
2. Average debt repayments per annum.

GUIDED CAPITAL EXPENDITURE



Expansionary capex (\$m)¹



Notes:

1. Approved projects only. Further guidance on Baimskaya will be provided following completion of the feasibility study.

GROUP CASH COST RECONCILIATION



\$m (unless otherwise stated)	2018	2017	2016	H2 2018	H1 2018	H2 2017	H1 2017	H2 2016	H1 2016
Copper sales volumes (kt) ¹	296	256	141	155	141	141	115	87	54
Revenues	2,162	1,663	766	1,064	1,098	942	721	464	302
EBITDA ²	(1,334)	(1,063)	(375)	(631)	(703)	(624)	(439)	(248)	(127)
Pre-commercial production ³	-	78	62	-	-	38	40	33	29
Cost of purchased copper cathode	-	-	-	-	-	-	-	-	-
TC/RCS and other adjustments	111	98	31	56	55	53	45	29	2
Gross cash cost	939	776	484	489	450	409	367	278	206
Gross cash cost (USc/lb)	144	138	156	143	145	132	144	146	173
By-product credits	(381)	(406)	(300)	(187)	(194)	(201)	(205)	(187)	(113)
Net cash costs	558	370	184	302	256	208	162	91	93
Net cash cost (USc/lb)	85	66	59	88	82	67	64	48	78

Notes:

1. Includes the results of pre-commercial production in 2016 and 2017.
2. EBITDA excludes MET, royalties, special items and corporate services.
3. Cash operating costs capitalised during pre-commercial production.

SENIOR MANAGEMENT



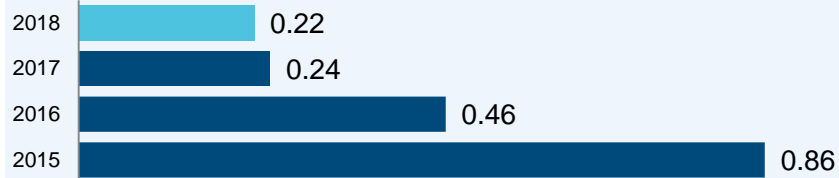
	<p>Oleg Novachuk Chair Joined the Company in 2001, former Chief Executive and was appointed Chair on 1 January 2018, with responsibility for strategy, government relations and business development.</p>		<p>Mian Khalil General Director, Projects Joined the Company in 2010, with responsibility for construction of major growth projects, Aktogay and Bozshakol and is currently focused on the expansion project at Aktogay.</p>		<p>Sergey Leu General Director, Bozshakol Joined KAZ Minerals in August 2016 as General Director of Bozshakol with responsibility for management of Bozshakol operations.</p>
	<p>Andrew Southam Chief Executive Officer Joined the Company in 2006, former Chief Financial Officer and was appointed Chief Executive Officer on 1 January 2018, with responsibility of executive management of the Group and leading the senior management team in the day to day running of the business.</p>		<p>Eldar Mamedov General Director, KMM LLP Joined the Company in 1996, former Head of Legal and was appointed as General Director of the KMM LLP in 2014, with responsibility for government relations, legal, procurement and administration.</p>		<p>Ilsur Dautov General Director, East Region Appointed General Director of the East Region in March 2014. Responsible for the management of East Region operations.</p>
	<p>John Hadfield Chief Financial Officer Joined the Company in November 2017 as Deputy Chief Financial Officer and was appointed Chief Financial Officer on 1 January 2018.</p>		<p>Madina Kaparova Group Procurement Director Joined the Company in 1998 and was appointed Group Procurement Director in 2016, with responsibility for development and implementation of procurement strategy.</p>		<p>Ilyas Tulekeev General Director, Bozymchak Joined KAZ Minerals in 2006 and was appointed General Director of Bozymchak in 2011, with responsibility for management of Bozymchak operations.</p>

INCREASING EFFICIENCY REDUCES ENVIRONMENTAL IMPACTS



ENERGY USE

TJ/kt sulphide ore processed (energy consumption)



WATER

Water withdrawal per unit of copper (megalitres/kt)

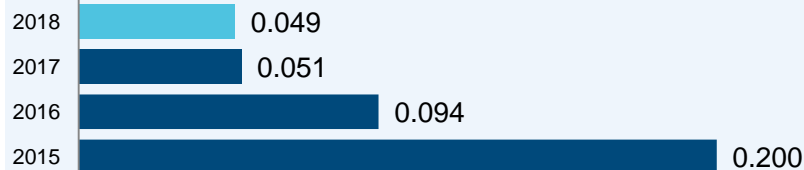


CO₂

CO₂ emissions per unit of copper (kt)



CO₂ emissions per unit of ore processed (kt)



CO₂ emissions per \$ million revenue (t)



RESTRUCTURING OCTOBER 2014



MINERAL RESOURCES SUMMARY - 31 DEC 2018



	Artemyevsky	Irtyshtsky	Orlovsky	Bozymchak	Aktogay sulphide	Aktogay oxide	Bozshakol sulphide	Bozshakol clay
Resources¹ (kt)	19,997 ²	3,878	11,844	14,843	1,558,110	73,969	902,650	116,830
Copper grade (%)	2.05	2.25	3.29	0.78	0.33	0.37	0.36	0.44
Zinc (%)	4.53	5.28	4.53	-	-	-	-	-
Gold grade (g/t)	1.03	0.38	0.86	1.31	-	-	0.14	0.20
Silver grade (g/t)	94	92	46	8.2	-	-	1.1	1.3
Molybdenum grade (%)	-	-	-	-	0.008	-	0.008	0.006
Type of mine	Underground	Underground	Underground	Open pit / underground	Open pit		Open pit	
Concentrator	Nikolayevsky	Belousovsky	On-site	On-site	On-site		On-site	
Description	Mine with polymetallic ore, operating since 2005	Irtyshtsky has been operating since 2001	Orlovsky is the largest mine in East Region by copper metal in ore extracted	Bozymchak is located in Kyrgyzstan	Large scale mine, located in East Region of Kazakhstan. Commenced production of copper cathode from oxide ore in December 2015 and copper in concentrate from sulphide ore in February 2017		Large scale mine, located in Pavlodar Region of Kazakhstan. Commenced production of copper in concentrate from sulphide ore in February 2016	

Notes:

1. Measured and indicated as at 31 December 2018.
2. Includes Artemyevsky II expansion.

TAILINGS FACILITIES



Facility	Type	First construction	Expected closure date	Status
Bozshakol	Downstream	2016	2058	Active
Aktogay	Downstream	2017	2045	Active
Bozymchak	Dry stack	2014	2032	Active
East Region				
Zhezkentsky	Upstream	1989	2026	Active
Nikolayevsky	Upstream	1980	2020 ¹	Active
Belousovsky	Upstream	1949	Under review	Active

Notes:

1. Artemyevsky mine transitioning in 2020 to in-pit tailings disposal in the Nikolayevsky open pit.



KAZ Minerals PLC
6th Floor, Cardinal Place
100 Victoria Street
London
SW1E 5JL
UK

www.kazminerals.com