



Extension of Boliden Tara zinc mine

January 11, 2017

Extension of Tara

Increased mineral resource

- New discovery Tara Deep
- 10 Mtonnes inferred mineral resource with good grades
- Track record in converting mineral resources to reserves

Extending tailings dam

- Current tailings dam limiting mine life to 2020
- Decision to extend the dam with capacity to 2026
- Calculations based on production through 2023

Building drift to new mineral resource

- Enables intensified exploration
- Reduces cost compared to drilling from surface

Sustaining Boliden's zinc mine production

- Tara accounts for almost half of Boliden's zinc concentrate production
- Tara is one of the largest zinc mines with attractive clean concentrate


Tara development

- 2009 New concentrator plant
- 2014 Improvement plan
 - Flexible organization
 - Headcount reduction, 700 to 570
 - Upgraded and reduced mobile fleet
- 2014-15 Production disturbances
- 2016 Stable operations
 - Improved production
 - Mineralization, 10 Mtonnes, Tara Deep
- 2017 Decision to invest
 - Extended dam
 - Exploration drift



Tara Deep, increase of mineral resources

New inferred mineral resources of 10.2 Mtonnes (8.5% Zn, 1.8% Pb)



	ktonnes	Zn, %	Pb, %
Proven	4,200 (4,500)	6.5 (6.5)	1.5 (1.5)
Probable	12,300 (12,500)	6.2 (6.2)	1.6 (1.5)
<i>Mineral Reserves, total</i>	<i>16,500 (17,000)</i>	<i>6.3 (6.3)</i>	<i>1.6 (1.5)</i>
Measured	400 (600)	5.8 (6.1)	2.3 (2.0)
Indicated	3,800 (3,400)	6.8 (6.5)	1.9 (2.2)
Inferred	13,600 (4,700)	7.8 (6.2)	1.9 (1.9)
<i>Mineral Resources, total</i>	<i>17,800 (8,700)</i>	<i>7.5 (6.3)</i>	<i>1.9 (2.0)</i>

Note: As per 31 December 2016, data in brackets as per 31 December 2015

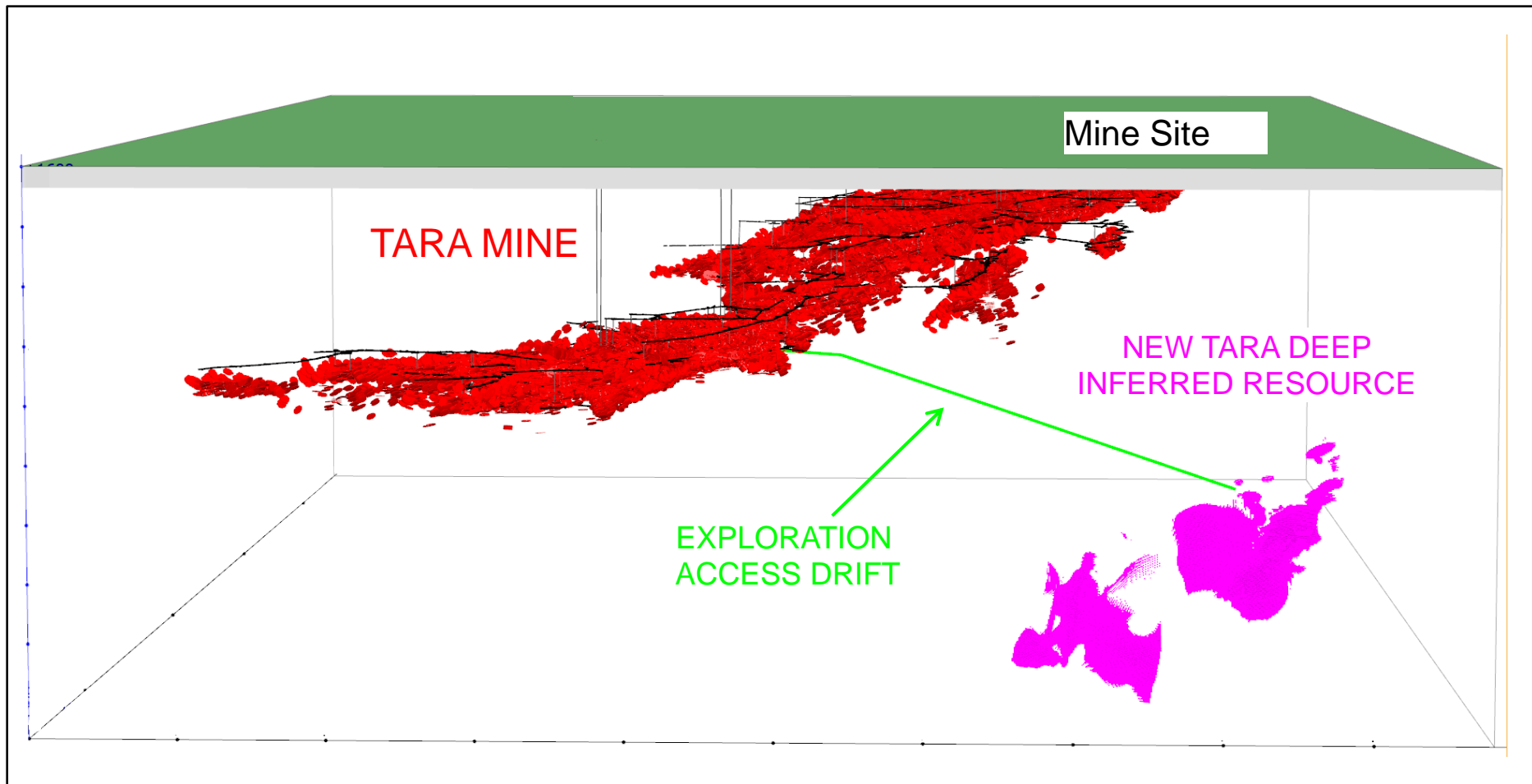
Roundings may occur

Dam extension

- Current dam limiting mine life to 2020
- Reserves in excess of dam capacity
- Extended dam with capacity to 2026
- Capex 33 MEUR
- Construction 2017-2019
- Conditional to permit
 - Permit approved November 2016
 - Appealed
 - Ruling in the end of Q1

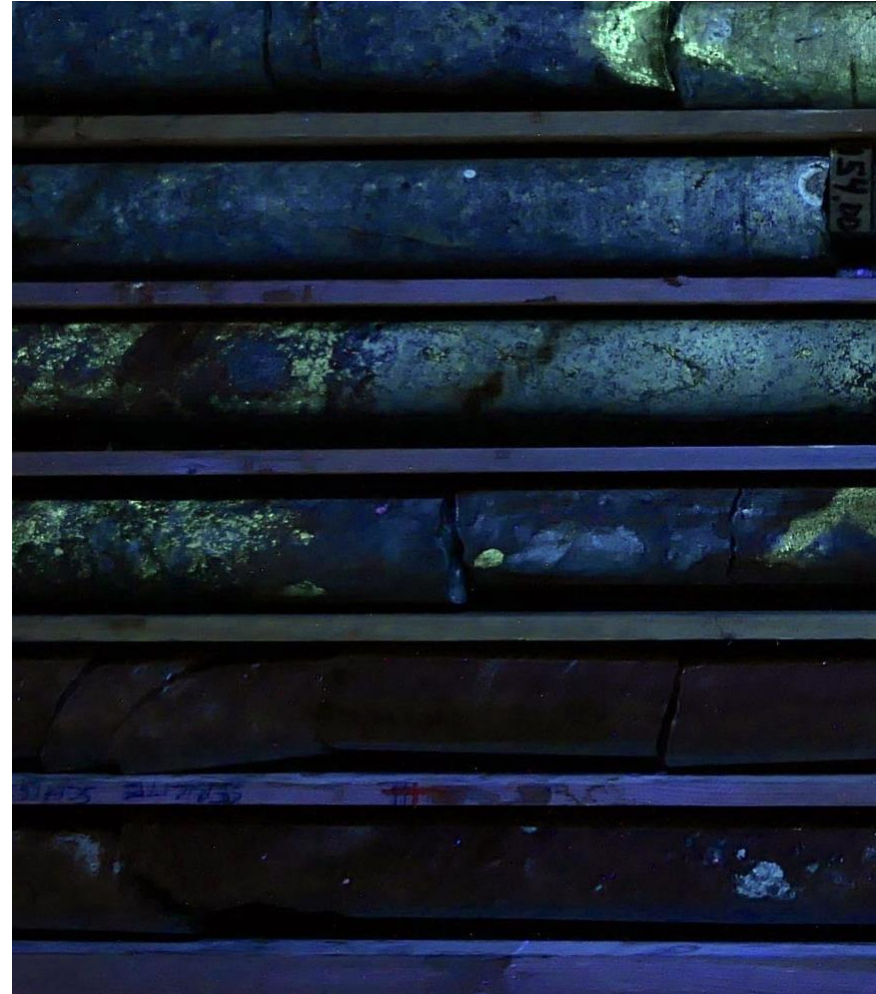


Exploration and production drift to Tara Deep



Financials relating to extension of Tara mine

- Extended tailings dam 33 MEUR (capex)
 - Construction 2017-2019
- New drift 11 MEUR (opex and capex)
- Lower annual depreciation from 2017



Extension of Boliden's Tara zinc mine

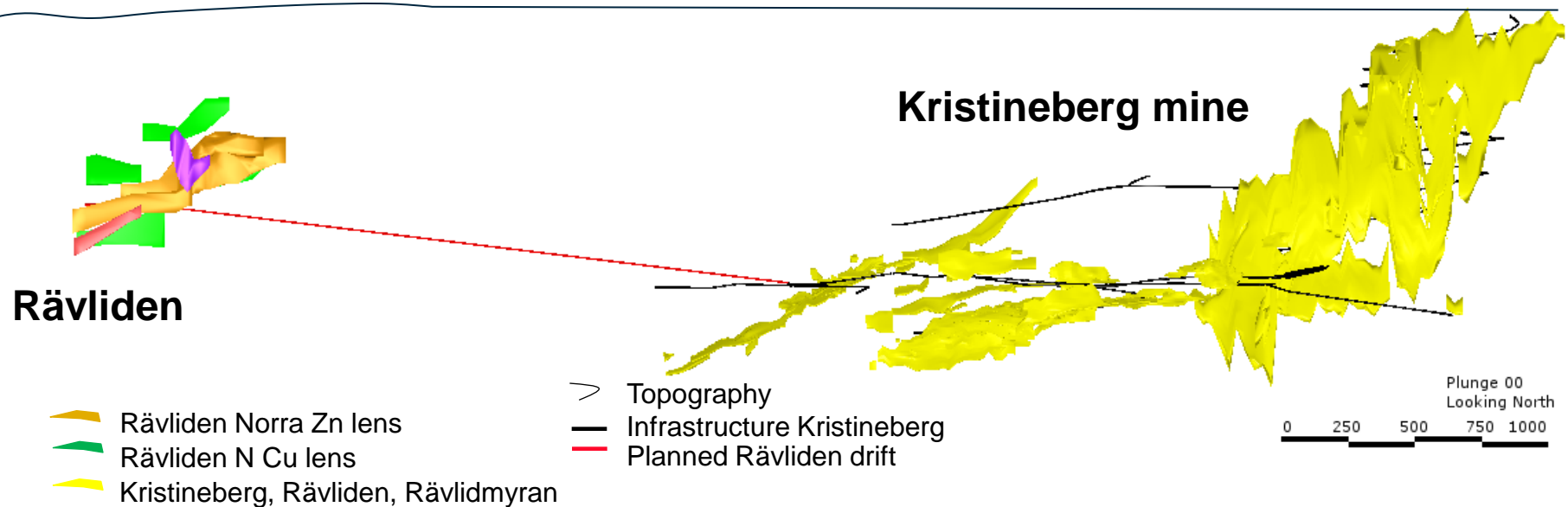


Attractive IRR

**Sustaining Boliden's
zinc mine production**

New drift in Kristineberg mine

- Rävliiden deposit important for Kristineberg mine and the Boliden Area
- Decision to build new drift
 - Shorter time to define deposit and possible reserve upgrade
 - Lower cost than exploration from surface
- 130 MSEK (capex and opex), mainly 2017-2018



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Kim wants to win the championship.
She couldn't without metals.

Cu

Ag

Zn

Au

NEW BOLIDEN
Metals for modern life

