

Copper and Cobalt in Zambia

Midnight Sun's focus is the exploration and discovery of world class copper and cobalt deposits in the Zambian-Congo copper belt, currently holding the 506 km² Solwezi Licenses in Zambia.

The Zambian-Congo Copper Belt is host to some of the world's richest mines, with operators that include Barrick, Rio Tinto, Glencore, Ivanhoe Mines and First Quantum Minerals.

NOTABLE MINING AREA

KANSANSHI MINING COMPLEX

Operated by First Quantum Minerals

Copper/gold mine is Africa's largest copper mine with over 1 billion tonnes grading .8% Cu and 4 million oz. Au. Smelter and SX/EW plant on site.

SOLWEZI LICENSE TARGETS

22 ZONE

Drill discovery of **14.2 metres of 5.71% Cu** near surface oxide material with SX/EW production potential as well as deep sulphide potential. Located 10 Km from Kansanshi mining complex, viewed as possible lookalike.

DUMBWA

Multiple oxide copper/cobalt intercepts along **14 km** soil anomaly. Soil samples peaked at **0.72% (7,280 Cu ppm)**. Economic oxide intervals located in drill holes, further exploration work required.

MITU

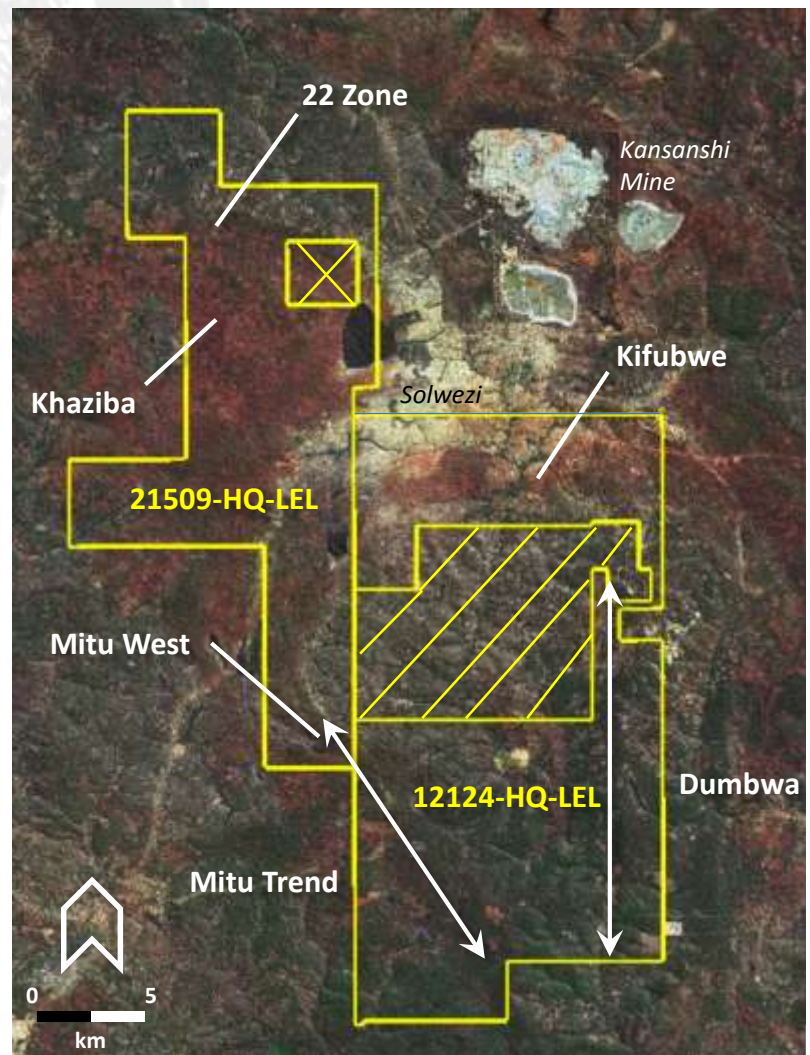
Copper-cobalt-nickel-gold intercepts in ore shale including **11.6 metres of 4.29% Cu Eq*** over strike over 3km. Air core drilling has confirmed the favourable geological unit for over 17km.

KIFUBWE

Large nickel soil anomaly over **6 km in strike** length. Further exploration work required.

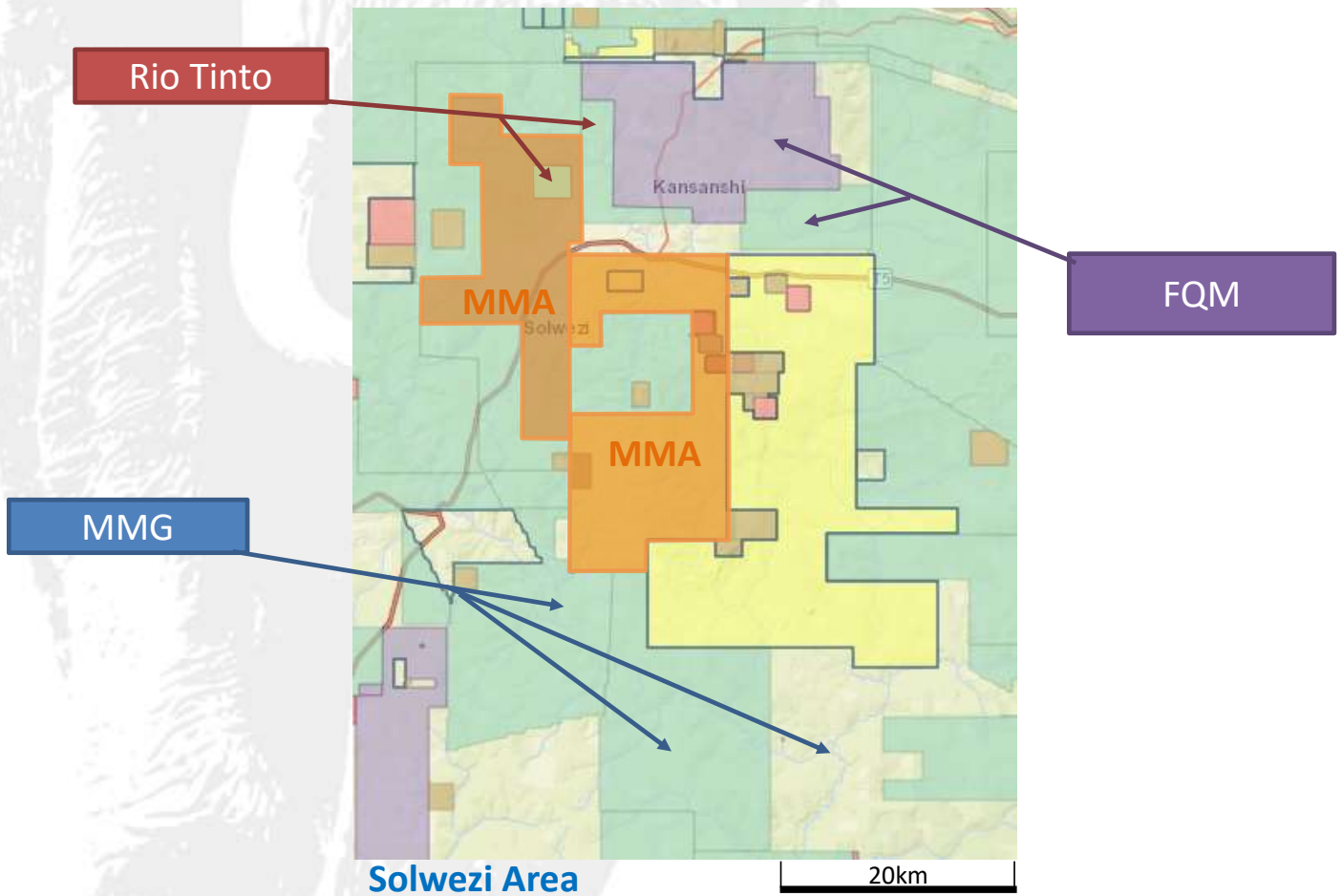
KHAZIBA

Favourable geology of **black shale** with sulphides encountered in initial scout drilling. Further exploration work required.





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*Copper equivalent values are estimated using \$2.73/lb copper, \$29.26/lb cobalt, and \$6.03/lb nickel and are presented only for ease of interval comparison.