

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, 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 LICENCE TARGETS

KAZHIBA DOME

Near surface oxide drill discovery of **11.3 m of 5.71% Cu**. Located 10 Km from Kansanshi mining complex, viewed as possible lookalike.

DUMBWA

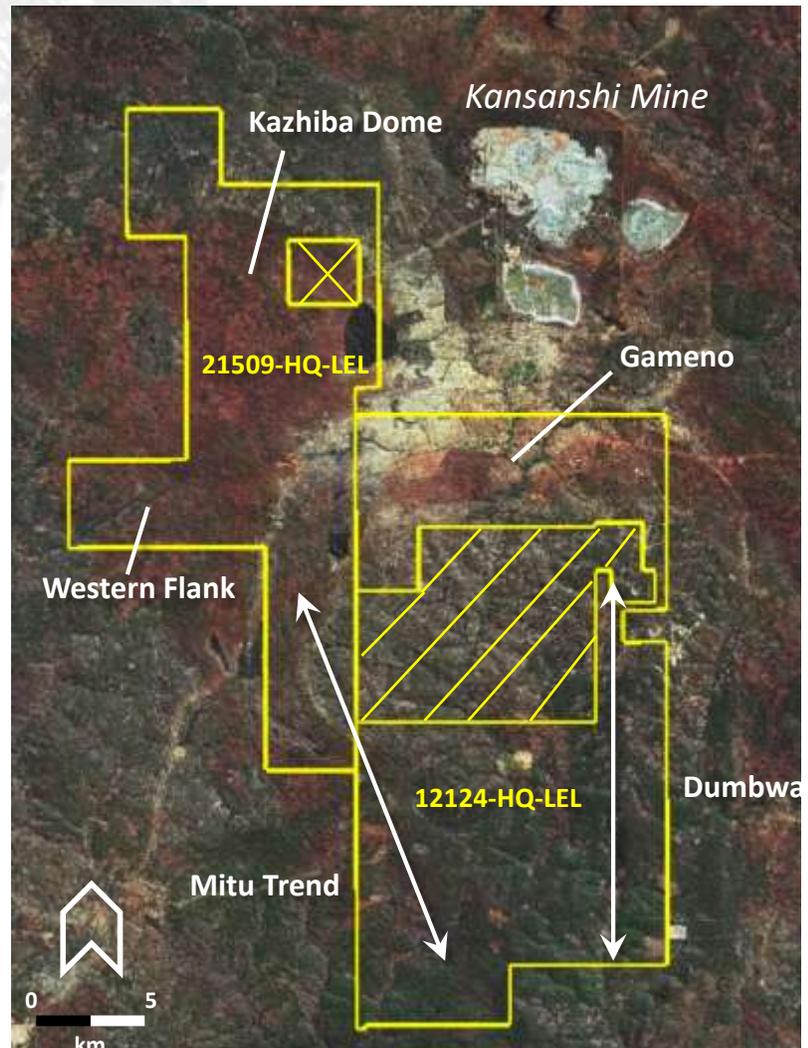
Multiple oxide copper/cobalt intercepts along **14 km** soil anomaly. Soil samples peaked at **0.72%**.

MITU TREND

Cu-Co-Ni-Au intercepts in ore shale including **11.6 m of 4.23% Cu Eq***. VTEM geophysics has confirmed a string of discrete anomalies along a 17 km strike.

GAMENO

Near surface Cu mineralization confirmed by air core drilling including 24m @ 0.21% Cu from 19m within a 6km soil anomaly.



The Solwezi Licences are currently being operated by Rio Tinto under the terms of an **Earn-In & Joint Venture Agreement**.

Rio Tinto Earn-In Agreement

Initial Cash Payment:

A cash payment in the amount of USD\$700,000 will become payable by Rio Tinto to Midnight Sun upon removal of conditions. ✓

Initial Work Program:

Rio Tinto can fund an initial work program by spending USD\$3,000,000 within the next two field season and making a further USD\$300,000 payment to Midnight Sun. ✓

Stage 1:

After completing the Initial Work Program, Rio Tinto can earn 51% ownership of the Solwezi Licenses by incurring a further USD\$16,000,000 in work expenditures within four years and making a total of USD\$1,000,000 in additional scheduled cash payments to Midnight Sun.

Stage 2:

Rio Tinto can earn an additional 14% ownership of the Licences by incurring a further USD\$14,000,000 in work expenditures or completing a Feasibility Study within three years of starting Stage 2 and making an additional USD\$1,000,000 cash payment to Midnight Sun.

Stage 3:

Rio Tinto can earn an additional 10% ownership of the Licences by incurring a further USD\$15,000,000 in work expenditures within two years.

*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.