

Avanco Resources



Customer Story

CSA Global was commissioned by Avanco Resources Ltd (Avanco) to compile the Feasibility Study for Stage One of the Antas North Copper Deposit in Brazil.

Snap Shot

Avanco is one of the only junior mining companies in the Carajás district of Brazil.

Avanco has now expedited its exploration program to confirm that the high grade copper deposit meets financial targets.



About Avanco

Avanco was formed in 2007 to develop copper properties in the Carajás region of Pará State in northern Brazil. Exploration commenced on the Rio Verde property in 2008 and the first JORC Code reported Mineral Resource estimate was published in Quarter 3, 2008.

Continuing exploration, principally at the Antas North deposit, has culminated in further Mineral Resource updates in 2012. Sufficient Mineral Resources were identified to support a mining operation. Avanco is targeting near-term copper production from the high grade Antas North Copper Mine (Stage 1), the exploration and development of the Pedra Branca (Stage 2) Copper Project, and exploring for new copper projects.



Industry
Consultants



Avanco's Approach

- Engaged CSA Global in the early exploration phase
 - Collaborated with CSA Global mining engineers and geologists through each stage of the project
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The Challenge

As an Australian junior mining company, Avanco faced challenges in the Carajás district. These included a market where only local and international major mining companies were operating. The economic situation with the volatile metal price also proved a challenge. However, being a persistent and resilient group, Avanco's efforts have paid off.



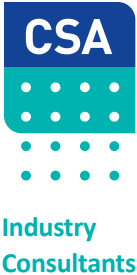
Solution

Avanco made good strategic decisions in the early stage of the project and took an ambitious approach. CSA Global had worked with Avanco on previous projects and having the benefit of proven capabilities and a good working relationship, Avanco engaged with CSA Global from the very beginning.

CSA Global's geologists visited the site early to ensure that Avanco's drilling and geology work would flow seamlessly into code-compliant Mineral Resource estimates. CSA Global worked with Avanco through each stage of the project, from early drill-out, resource development and Mineral Resource estimation. This early work provided a strong foundation which allowed CSA Global and Avanco to work together and advance the project through scoping, prefeasibility and bankable feasibility studies to deliver a robust development project.

"Commissioning CSA Global in the early exploration phase to peer review our data management and QA/QC procedures at the Antas and Pedra Branca projects was a good decision. This helped us with developing a very practical and timely exploration program in an expedited time-frame."

Simon Mottram,
Exploration Director,
Avanco Resources Limited

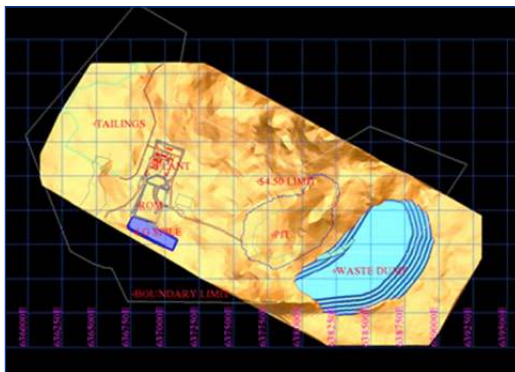
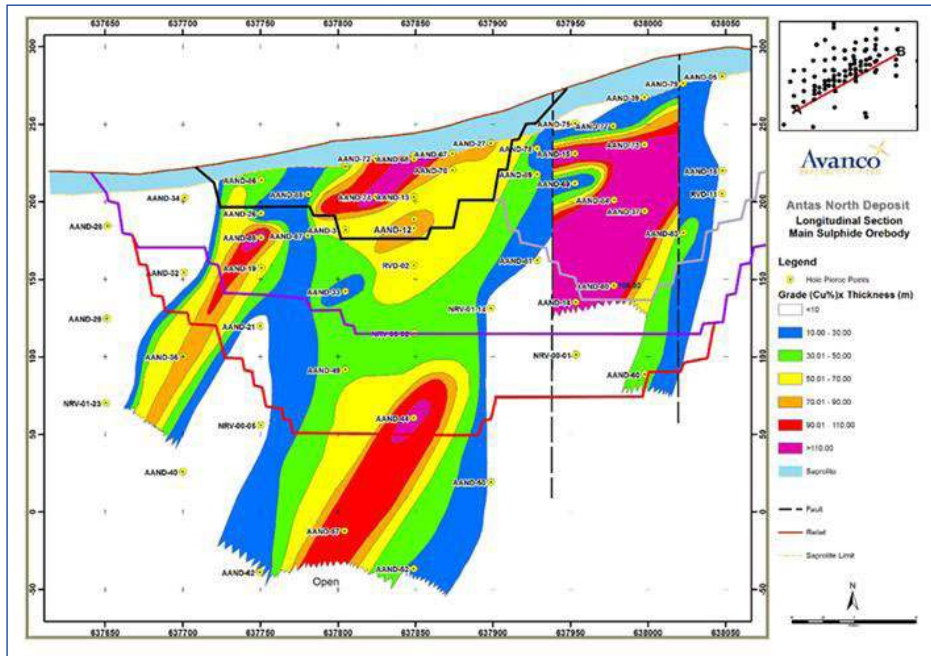


The Result

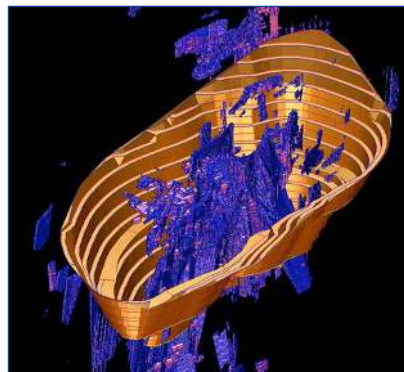
CSA Global delivered a positive bankable feasibility study to Avanco, confirming the robust nature of the high-grade Antas Copper Deposit. This has created a solid basis from which Avanco is now financing the project for future development and production.

Results

- Positive feasibility study
- Practical and timely exploration program
- Reached financial targets



Antas Project Site Layout



Pit Design, showing Primary Measured and Indicated Resources

More Case Studies



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