

22 February 2021



DRILLING UNDERWAY AT PONENTE

HIGHLIGHTS

- An initial 25-hole/1,000m underground diamond drilling program has started in the west of the Ponente area, a step-out of 850m from the ongoing drilling campaign at Pian Bracca.
- Drilling is following up Alta's channel sampling of the existing workings in that area, which returned high grades including:
 - 2.8m at 20.1% Zn, 5.3% Pb, 46g/t Ag (POCH08)
 - 2.2m at 28.8% Zn, 3.2% Pb, 39g/t Ag (POCH09)
 - 2.0m at 14.9% Zn, 1.4% Pb, 21g/t Ag (POCH10)
- Ponente drives contain extensive exposures of the Metallifero Formation which hosts much of the zinc-lead mineralisation at Gorno
- Rehabilitation of the area was successfully achieved safely, on time and under budget
- Drilling also continues at Pian Bracca South with drilling now in operation at both areas

Alta Zinc Limited (Alta or the Company) (ASX: AZI) is pleased to announce that its mining contractor, Edilmac Srl, has started drilling at Ponente, a historical production area of the Gorno Zinc Project. This area hosts a significant north-west extension of the Metallifero Formation, which is the primary host to much of the zinc-lead mineralisation that has also been consistently drilled at Pian Bracca.

Drilling at Ponente will progress from west to east, (starting from location A, see Figure 2) exploring a corridor with an 800m strike length and approximately 300m width. Early drilling is following up on high-grade channel samples taken from the area in April 2020 (see Figures 2 and 3 for sample locations). The channel samples¹ adjacent to the current drilling returned: 2.8m at 20.1% Zn, 5.3% Pb, 46g/t Ag (POCH08), 2.2m at 28.8% Zn, 3.2% Pb, 39g/t Ag (POCH09) and 2.0m at 14.9% Zn, 1.4% Pb, 21g/t Ag (POCH10).

Geraint Harris, MD of Alta Zinc commented:

"Expanding our drilling to Ponente is delivering on our strategy to show significant extensions of mineralisation at the Gorno mine. It's a great example of the lower risk exploration opportunity at Gorno and by following up on successful channel sampling with drilling we are repeating our methodology from the start of the Pian Bracca campaign fifteen months ago. Our drilling since then has returned consistent high-grade and thick intersections of mineralisation throughout the Pian Bracca corridor, and has also led us to discover high-grade and thick mineralisation extending into the Pian Bracca South area."

Following an exceptionally well executed underground rehabilitation program at Ponente we are very much looking forward to producing more exciting drill results from our two drilling areas simultaneously, to deliver strong news-flow and continue to grow the Mineral Resource base at Gorno."

¹ ASX announcement 28 April 2020

Alta's mining and drilling contractor, Edilmac, in conjunction with our project team have been responsible for all rehabilitation, mobilisation and establishment work and this has been achieved safely, within budget and on schedule.

A drilling campaign has been planned at Ponente which targets the well understood Metallifero Formation from the existing underground access. Initially, 25 short diamond drill holes are required to provide maximum information from just a 1000m campaign. Follow-on drilling will be planned on extensional targets once discovered. This highly efficient campaign is possible because the existing access was historically developed for the purposes of exploration and to be close to the known and expected mineralisation. However, full exploration and exploitation were never carried out due to the premature closure of the mine. Initial results from this new campaign are expected by the end of March.

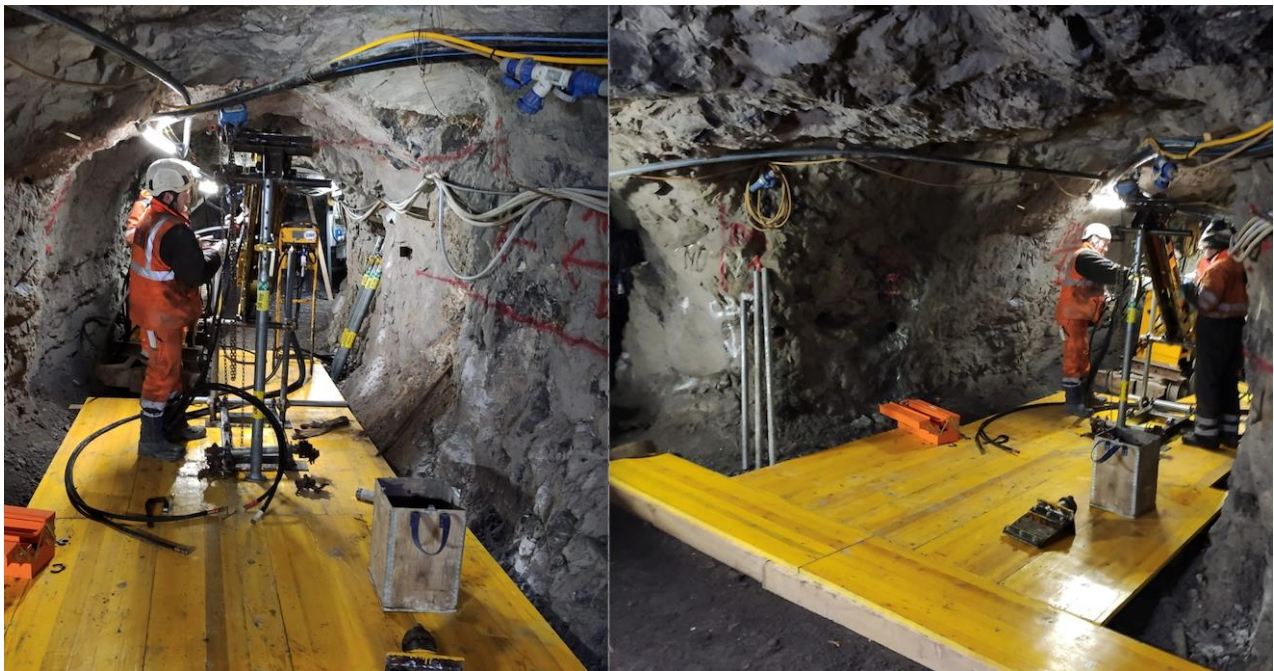


Figure 1: Gorno's second Diamec 230 drill rig underground at Ponente, where drilling is now underway

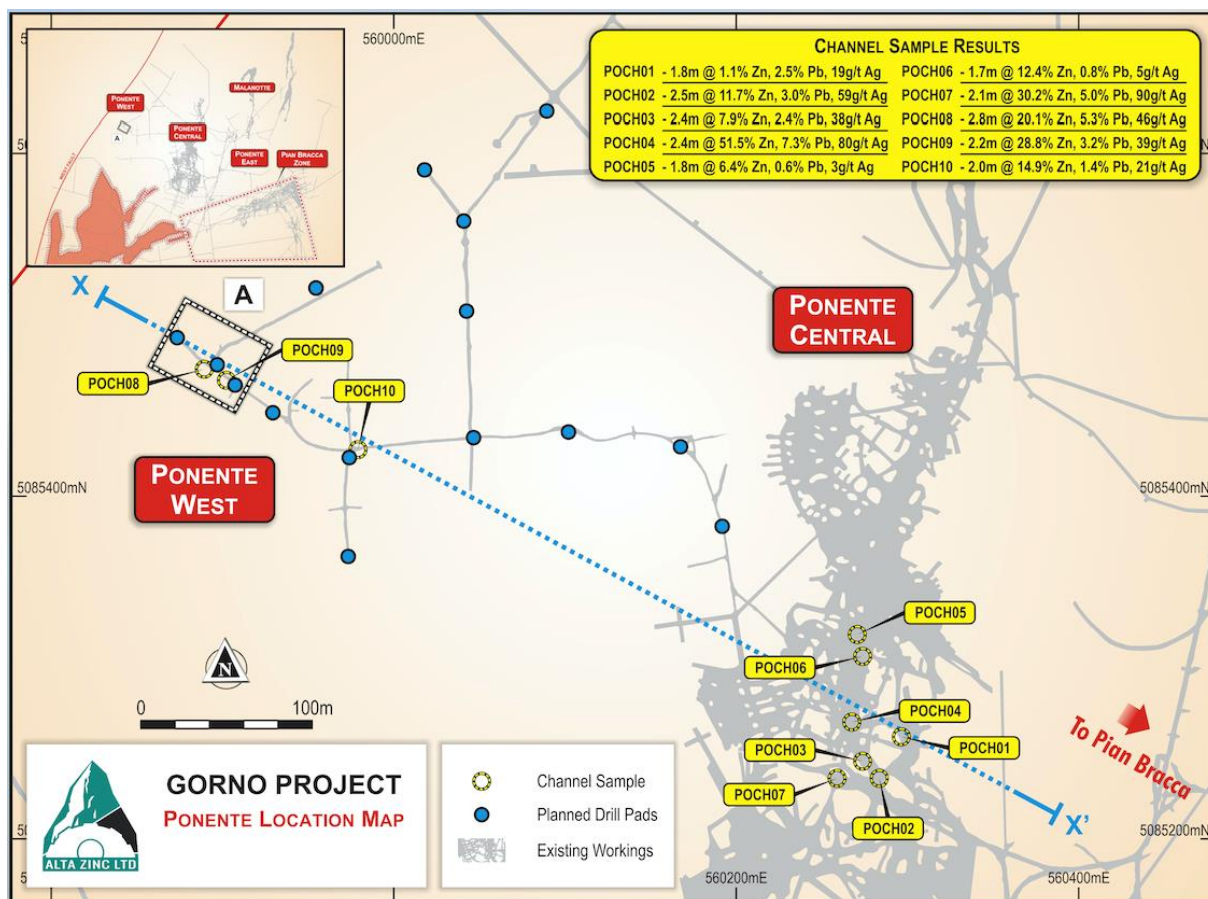


Figure 2: Plan view of the planned drilling at site 'A' & recent channel sampling in the Ponente area

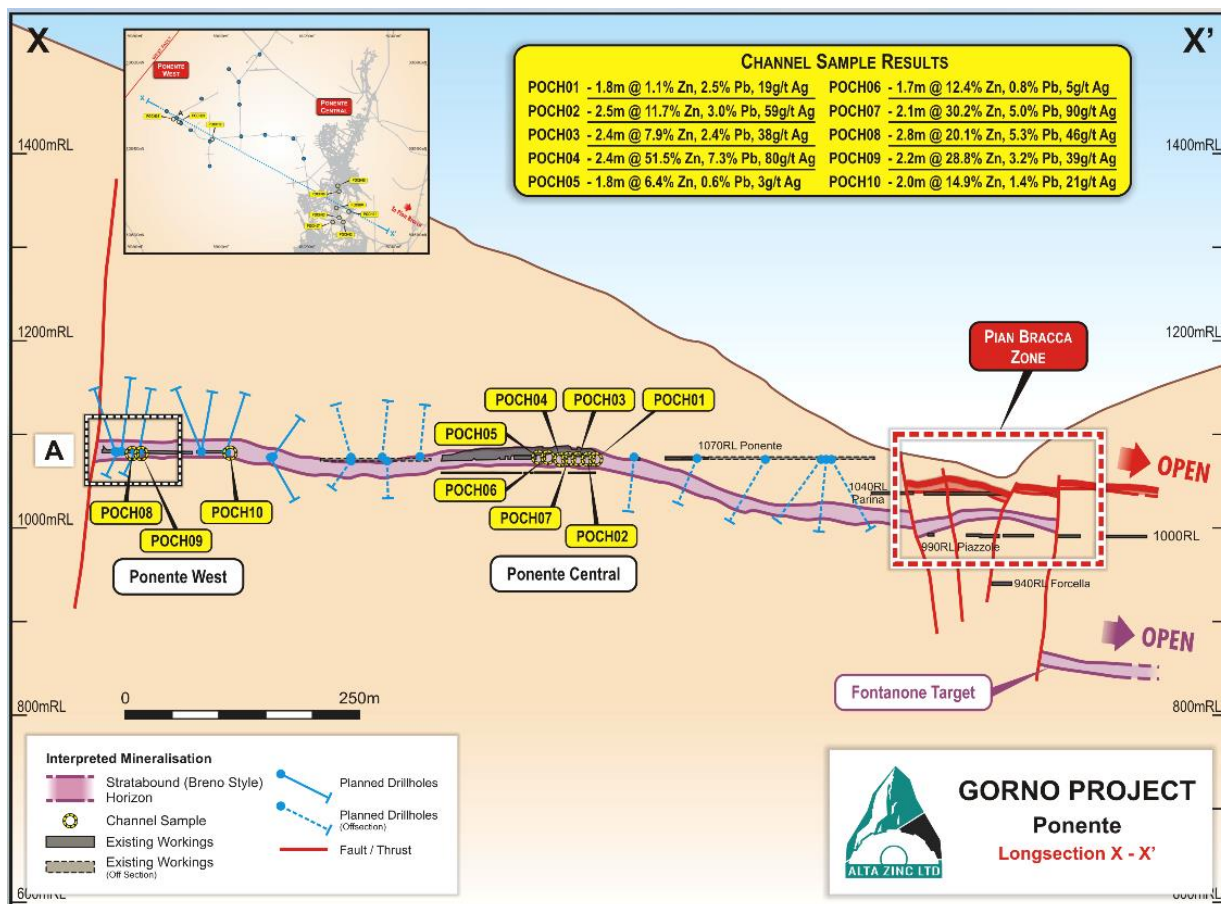


Figure 3: Long section (looking north) through the Ponente area showing the planned drilling & the channel sample results

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Competent Person Statement

The information in this release that refers to Exploration Results is based on, and fairly represents, information prepared or reviewed by Dr Marcello de Angelis as Competent Person in compliance with the JORC Code (2012 edition) and announced to the ASX on 14 October 2019. The original ASX announcement is available on Alta Zinc Limited's website (www.altazinc.com.au). The Company is not aware of any new information or data that materially affects the information included in the original ASX announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original ASX announcement.