

**ASX ANNOUNCEMENT**

**17 October 2022**

**ASX: G1A**

**ABRA CONSTRUCTION AT 87% COMPLETE – STARTS COMMISSIONING**

**GALENA MINING LTD.** (“Galena” or the “Company”) (**ASX: G1A**) is pleased to announce that the construction progress at its Abra Base Metals Mine (“Abra” or the “Project”) has reached 87% complete as of 30 September 2022. Commissioning has commenced in several key areas with the project remaining on track for first concentrate production in Q1 2023.

Managing Director, Tony James commented, ***“It’s both exciting and extremely rewarding for everyone involved to see several areas progressing quickly into commissioning at the mine. With the site power station, power-on scheduled for the second half of October, the processing plant commissioning plans have been finalised and these plans will be executed at the same time and then continue to roll through to January. Record development meters underground in September has taken us down to the top of the orebody and work has started on the first access drives. In recent days the completion of the first stage of the TSF is also a significant milestone”.***



**Figure 1** – Processing plant with completed TSF and village in background (Photo 14 October).

Update on Abra Project progress

Overall progress continues to remain in line for Project completion, with first commercial production expected in Q1 CY2023. The processing plant engineering, procurement and construction has reached 93% complete. Structural steel has reached 98% complete and mechanical installations are at 73%. Piping at 48% and electrical at 36% complete continue as active work programs.

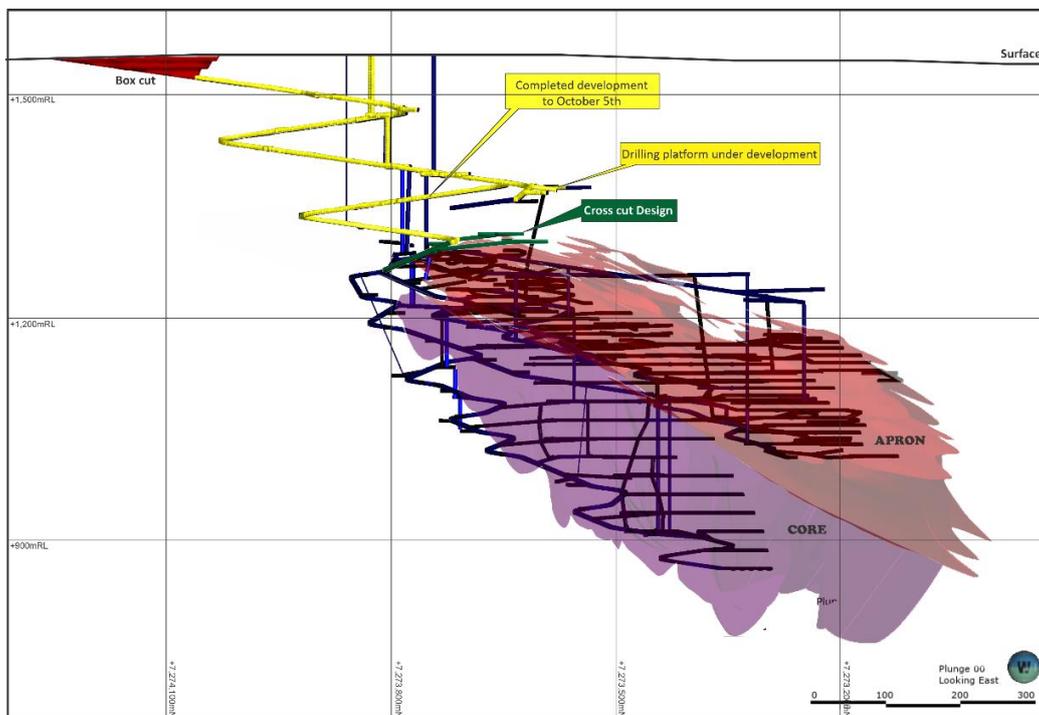
With commissioning of the Pacific Energy Hybrid 10MW LNG/Solar power station nearing completion, dry commissioning of the Crushing and Screening areas in the processing plant can commence in the second half of October. Underground mine power changeover from generator sets to site power will also occur. The commissioning schedule has been finalised for the processing plant and is summarised in Table 1.

Plant Section	October 2022	November 2022	December 2022	January 2023
Crushing & Screening	Dry	Wet & Ore		
Grinding			Dry & Wet	Ore
Flotation & Re-grind		Dry	Dry & Wet	Ore
Concentrate Filtering & Storage			Dry & Wet	Ore

*Table Notes – Commissioning stages defined as: Dry – Initial energisation, individual component testing and process flow alignment, Wet – Individual component and sub section testing with test material and liquids, Ore – Sub section testing with ore and total process flow sheet integration.*

**Table 1 – High level commissioning plan for the Abra processing plant.**

Mine decline development continued in the East Decline during September. A total of 285m was developed with the decline reaching 1,300mRL. September represents the highest individual development month since the first cut was fired in the portal in October 2021. The decline location is 250m vertically below the surface and is 13m vertically below the top of the orebody. The decline is approximately 75m laterally from the ore body and the first ore body access drive has commenced.



**Figure 2 - Progress of the Abra underground mine development to October 5 (yellow).**

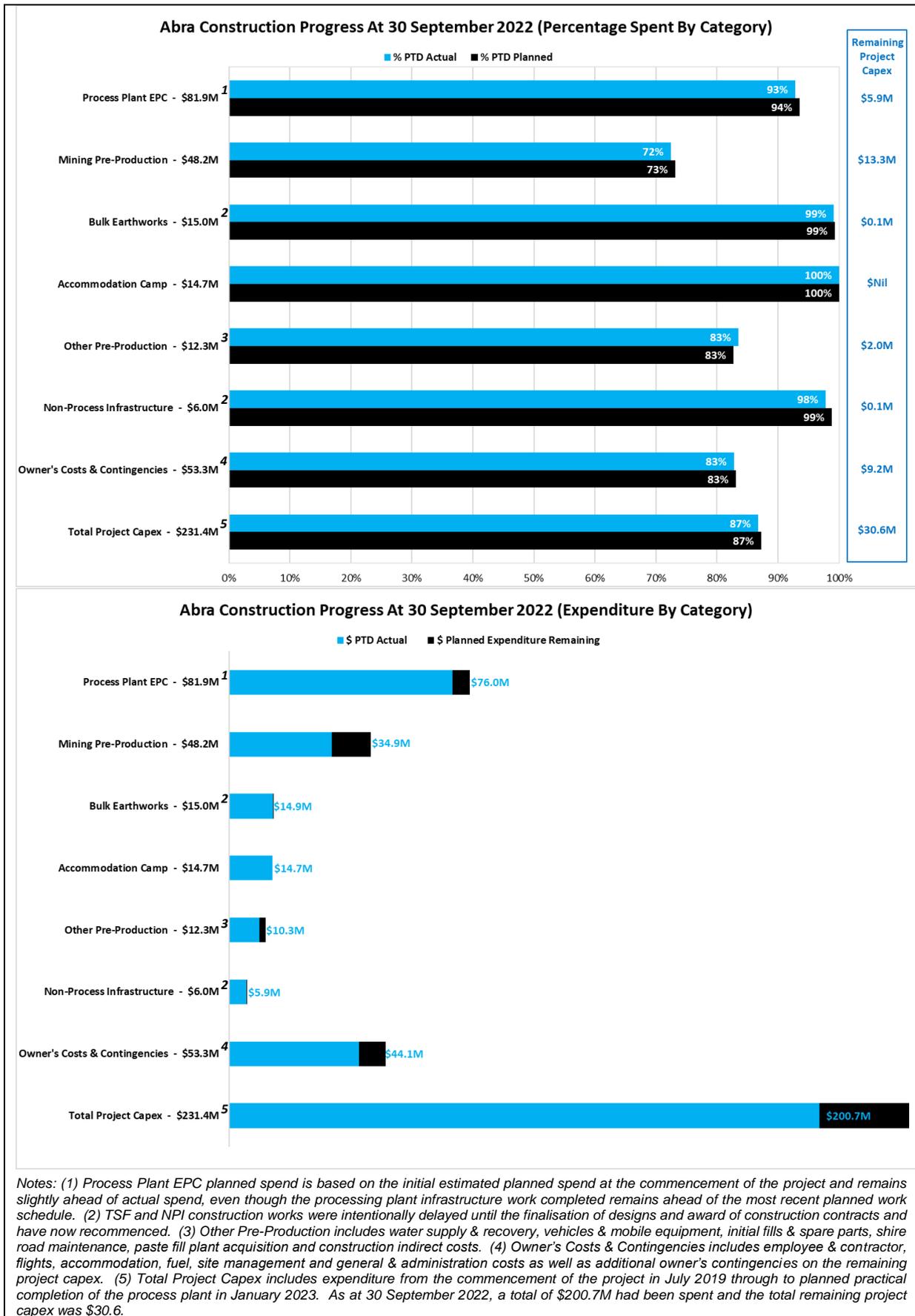
Grade control and infill diamond drilling continued during September with the introduction of a second underground drill. During September, 19 new holes were completed (2,914m). Assays for three drill holes were received in September with an additional two batches received in early October. The drilling results seen to date align with the information associated with the original surface drilling and some new mineralised areas have also been identified.



**Figure 3** – Image of some of the spectacular galena mineralisation being seen in the underground grade control and infill drilling program.

In surface bulk earthworks, good progress continued with the tailing's storage facility ("TSF") earthworks and lining is now effectively complete. The site power station is also effectively complete with commissioning progressing well with target site energisation in the second half of October. The first LNG gas delivery occurred in the second week of October.

Figure 4 below shows the Abra construction progress as at 30 September 2022. Total Project construction capital expenditure remains within budget. The key remaining focus is completion of the processing facility and the underground development of the mine. These two areas account for \$19.2M of the remaining Project construction spend forecast of \$30.6M and are on schedule to commence commissioning this year, with first concentrate production as planned in Q1, 2023.



**Figure 4 - Progress of various Abra construction packages by % and \$ spend.**



**Figure 5** – Abra processing plant construction (Photo 14 October).



**Figure 6** – Abra crushing and screening area to commence dry commissioning in October. Site stores and plant workshop building seen on the left (Photo 14 October).



**Figure 7** – Abra Concentrate and tailings thickeners in front of filtering and storage section with completed TSF in the background (Photo 14 October).



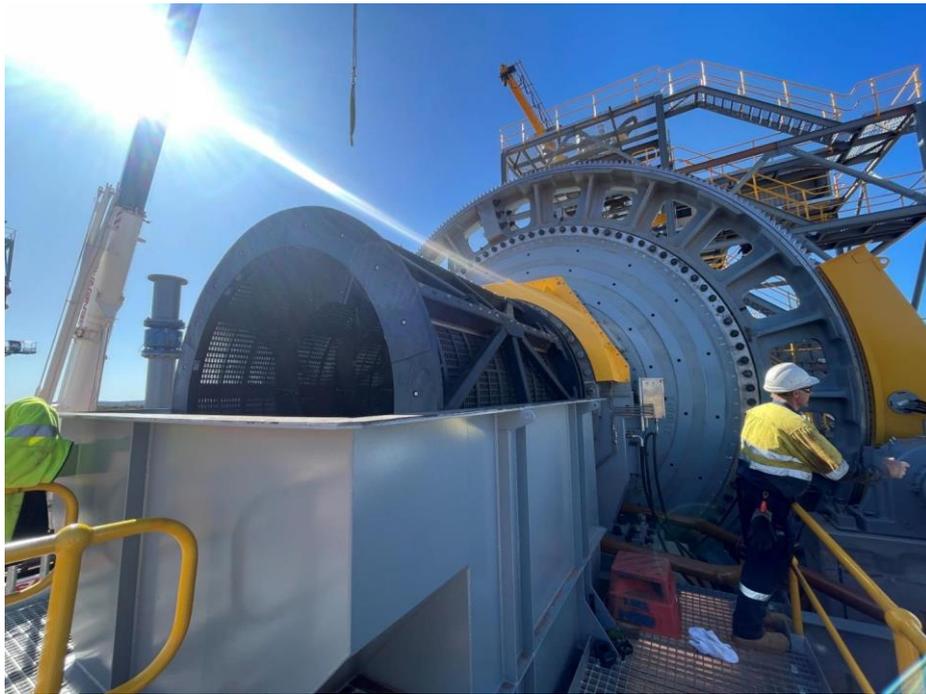
**Figure 8** – Completed TSF in the foreground with processing plant and box-cut in the background (Photo 14 October).



**Figure 9** – Regrind mill and flotation sections (Photo 14 October).



**Figure 10** – First LNG gas delivery to Abra (photo 12 October).



**Figure 11** – Mill discharge assembly.



**Figure 12** – Paste Plant Equipment (Photo 10 October).



**Figure 13**– Arrival of processing plant buildings (Photo 11 October).



**Figure 14** – Underground miner change-room facility.



**Figure 15** – Underground pump station installation.

The Board of Directors of Galena authorised this announcement for release to the market.

For further information contact:

**Galena Mining Limited**

**Anthony (Tony) James**  
Managing Director

## About Abra Base Metals Project & Location

60% owned by Galena, the Abra Base Metals Mine (“Abra” or the “Project”) is a globally significant lead-silver project located in the Gascoyne region of Western Australia (between the towns of Newman and Meekatharra, approximately 110 kilometres from Sandfire’s DeGrussa Project).

Galena completed an outstanding definitive / bankable feasibility study (“FS”) (see Galena ASX announcement of 22 July 2019) for development of an underground mine and processing facility to produce a high-value, high-grade lead-silver concentrate. A ‘final investment decision’ to complete the Project was made in June 2021 and construction is ongoing to reach first commercial production in the first quarter of 2023 calendar year.

Abra JORC Mineral Resource estimate<sup>1, 2</sup>

Resource classification	Tonnes (Mt)	Lead grade (%)	Silver grade (g/t)
Measured	-	-	-
Indicated	16.9	7.4	17
Inferred	17.5	7.0	15
Total	34.5	7.2	16

Notes: 1. See Galena ASX announcement of 28 April 2021. Galena confirms that it not aware of any new information or data that materially affects the information included in Galena’s ASX announcement of 28 April 2021 and confirms that all material assumptions and technical parameters underpinning the resource estimates continue to apply and have not materially changed. 2. Calculated using ordinary kriging method and a 5.0% lead cut-off grade. Tonnages are rounded to the nearest 100,000t, lead grades to one decimal place and silver to the nearest gram. Rounding errors may occur when using the above figures.

