

Antipa achieves positive metallurgy at Calibre

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THE DRILL SERGEANT: Antipa Minerals (ASX: AZY) has received positive results from metallurgical test work from the 873,000 ounce gold and 81,000 tonne copper Inferred Mineral Resource region of the Calibre deposit.

The Calibre deposit is situated within the company's Citadel project, located in Western Australia approximately 75 kilometres north of Newcrest's Telfer gold-copper-silver mine.

Antipa achieved total copper, gold and silver extraction of 85.7 per cent, 80.5 per cent and 81.3 per cent using a combination of conventional sulphide flotation and cyanide leaching of the flotation tails.



Calibre metallurgical test work copper sulphide float. Source: Company announcement

The test work produced a copper sulphide concentrate using conventional sulphide flotation which graded approximately 24 per cent copper along with substantial gold and silver credits.

Cyanidation of the copper flotation tails recovered a healthy portion of the gold not reporting to the copper concentrate.

Antipa said preliminary mineralogy of the ore used in this test work program revealed both copper and tungsten minerals to be comparatively coarse grained and well liberated.

The test work also involved the use of Heavy Liquid Separation to assess the amenability of the ore to physical upgrade processes such as gravity.

The company claimed the HLS results highlighted good density beneficiation qualities of the Calibre mineralisation.

The company outlined future test work, which will focus on:

Improving the copper concentrate grade at the same or better recoveries;

Developing a better understanding of the gold and silver mineralisation to assist in maximising their recovery; and

Assessing methods of recovering the tungsten values in a marketable form.

“Overall, the initial metallurgical program on the Calibre ores has produced extremely positive results,” Antipa Minerals said in its ASX announcement.

“The ore has demonstrated that it is amenable to very conventional processing techniques.

“A process plant using well established and proven equipment is envisaged.”