



## NEWS NUGGETS

Compiled by Shane Lasley



PolarX and Millrock Resources completed 13 holes aimed at confirming and potentially expanding the Zackly copper-gold deposit during a late season drill program at PolarX's Alaska Range project.

### Wider copper-gold cut at Zackly

PolarX Ltd. Dec. 6 reported that assay results from two additional holes drilled at Zackly continue to confirm the historical copper-gold resource for the skarn deposit within the company's Alaska Range project. Hole ZM-17010 cut two mineralized intercepts – 5.5 meters averaging 0.65 percent copper and 1.11 grams per metric ton gold from 155.9 meters; and 18.4 meters of 1.34 percent copper and 1.15 g/t gold from 169.5 meters. Hole ZM-17015 cut 5.9 meters averaging 1.23 percent copper and 2.2 g/t gold.

PolarX said this year's drilling often intersects significantly wider intercepts than the historical holes they twinned, predominantly due to better core recoveries in PolarX's drilling. One such example is hole ZM-17002, which cut 33.4 meters averaging 1.16 percent copper and 1.27 g/t gold. This is substantially wider than the nearby historical hole Z-43, which cut 6.1 meters of copper-gold mineralization. Another example is ZM-17007, which cut 14.5 meters of 2.46 percent copper and 2.02 g/t gold. Nearby historical holes only cut about 1.5 meters of copper-gold mineralization.

The historical resource for Zackly was calculated at 1.54 million metric tons grading 4.5 g/t (218,944 ounces) gold and 2.9 percent (66.9 million pounds) copper. This year's 13-hole drill program at Zackly included 11 holes designed to validate previous drill intersections and better define the deposit. These results will help underpin a revision of the historical copper and gold resource to Australian Joint Ore Reserves Committee (JORC) mineral reporting standards, which is similar to National Instrument 43-101 standards in Canada.

Results from six holes are pending and the updated mineral resource for Zackly is slated for completion early in 2018. PolarX, which acquired Stellar earlier this year, has combined it with the neighboring Caribou Dome copper property and renamed the merged properties the Alaska Range project. Millrock Resources Inc., which owns a 10.74 percent interest in PolarX, executed the 2017 drill program at Zackly.

PolarX said there is evidence that a mineralized structural corridor that runs 6,000 meters west from Zackly to the Mars prospect may host several buried porphyry copper-gold deposits, including underneath Mars and Zackly. PolarX said this prospective corridor is a high priority exploration target within the Alaska Range Project.

MILLROCK RESOURCES LTD.



This historical Bornite headframe looms above the camp at the Upper Kobuk Mineral Projects in Northwest Alaska. Trilogy Metals and South32 has extended Bornite more than a mile northeast from this area at the center of the original deposit.

### EXPLORATION

# A lot more Bornite

Aggressive step-out drilling hits high-grade copper well beyond resource

By SHANE LASLEY  
Mining News

Just how big is the high-grade Bornite copper deposit in Northwest Alaska? This is one question that South32 Ltd. wants to know as it considers paying Trilogy Metals Inc. US\$150 million for a 50 percent interest in the Upper Kobuk Mineral Projects, an extensive land package that encompasses Bornite, the Arctic Mine project and dozens of other high-grade metals deposits and prospects in the Ambler Mining District.

While it will likely be many years before the full scope of Bornite is understood, the drill program carried out this year provides ample evidence that it is much larger than the more than 6 billion pounds of copper outlined in the current resource there.

"We have essentially doubled the size of the mineralized footprint with an overall Bornite system now measuring 1,500 meters by 2,500 meters," said Trilogy Metals President and CEO Rick Van Nieuwenhuyse.

### Already large

South32, which agreed to fund US\$30 million on the advancement of UKMP over three years to keep its option to acquire half of the project in good standing, is focusing this initial investment on gaining a better understanding of just how big Bornite could be.

Between a combination of its own drilling and re-assaying core from historical drilling completed



RICK VAN NIEUWENHUYSE

Between a combination of its own drilling and re-assaying core from historical drilling completed by Kennecott, Trilogy Metals has already outlined some 2.7 billion lb of copper in an open-pit resource for Bornite averaging roughly 1 percent copper; and another 3.7 billion lb in a deeper underground resource that averages about 2.9 percent copper.

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Drilling completed by Trilogy in 2013 showed that the deepest and highest grade portion of this world-class copper deposit continues beyond a 1,000-meter-wide front to the north.

RC13-0220, the most northeasterly of the 2013 Bornite holes, cut two high-grade intervals from 809.1 meters (at a 0.5 percent cut-off) – 45.6 meters of 1.07 percent copper; and 80.4 meters of 1.89 percent copper.

RC13-0224, drilled about 800 meters west of hole 220, cut two high-grade intervals from a depth of 513.3 meters along this northern front – 229.4 meters of 1.73 percent copper; and 6.6 meters of 7.7 percent copper.

With the copper deposit getting deeper as it dipped to the north and the pool of exploration capital getting shallower, Trilogy had not traced the Bornite deposit further north until South32's initial US\$10 million investment this year.