



HELIOSTAR

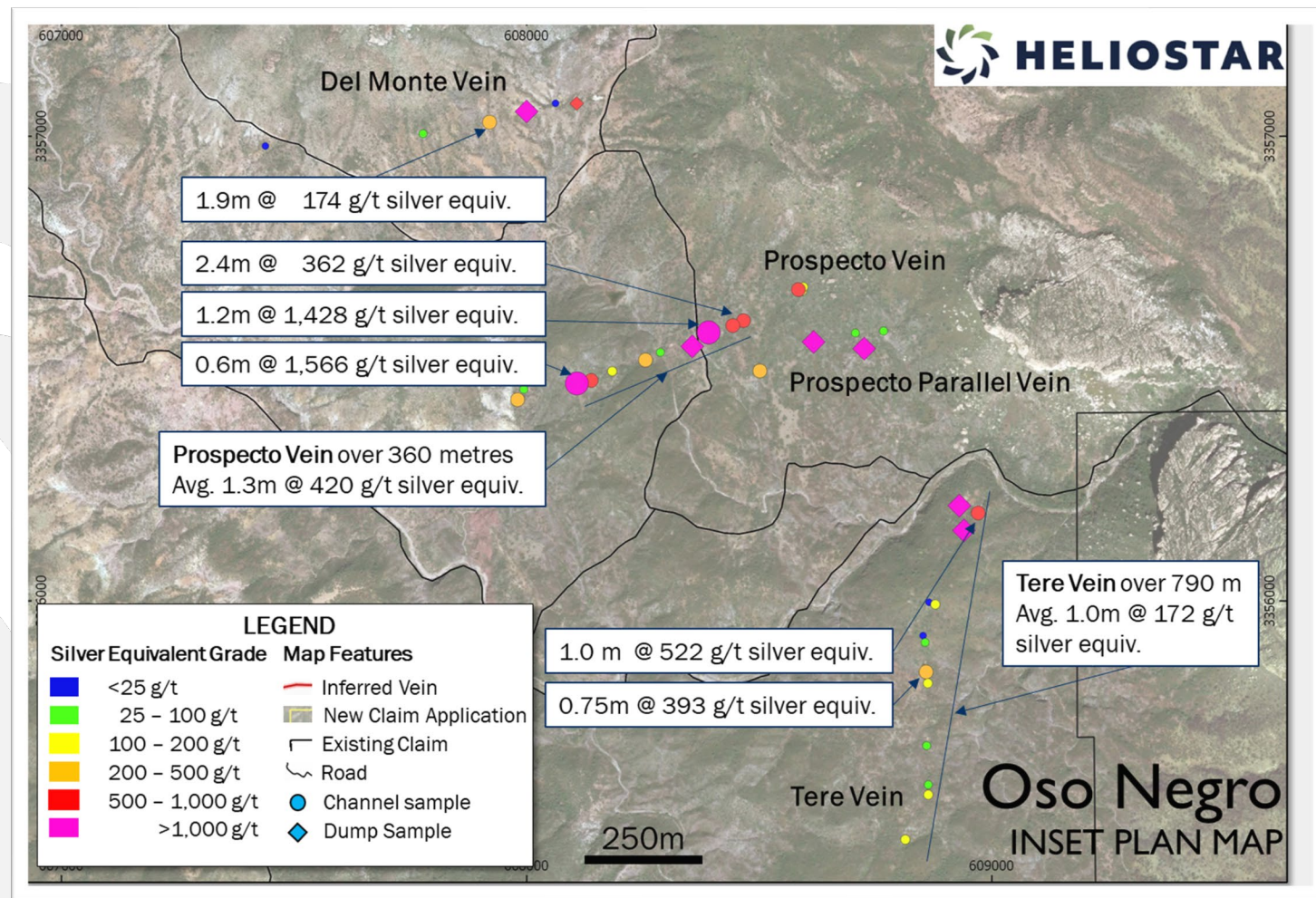
5.30am

It's 5:30 am in Sonora, Mexico. Time to start our Heliostar \$HSTR field day.

We're prospecting three vein zone on our Oso Negro Project:

<https://www.heliostarmetals.com/news-articles/heliostar-samples-1428-gt-metres-expands-district-1100-discovers-new-veins-oso-negro-mexico>

Join us and learn what kicking the rocks really entails



5.31am

It takes a range of skills to organise the logistics, access and support field recon. To make it easier to understand, here are the cast of characters:

VP of Exploration – Luke Skywalker with a hammer

Sr. Geologist – Boba Fett

Consultant Geologist – Obi Wan Kanobi

Country Manager – Han Solo with a touch of Chewy!



5.32am

Breakfast in Bacoachi, Mexico. One of the best parts of working in Mexico is the flavours and Sonoran tortillas are the best in the world!

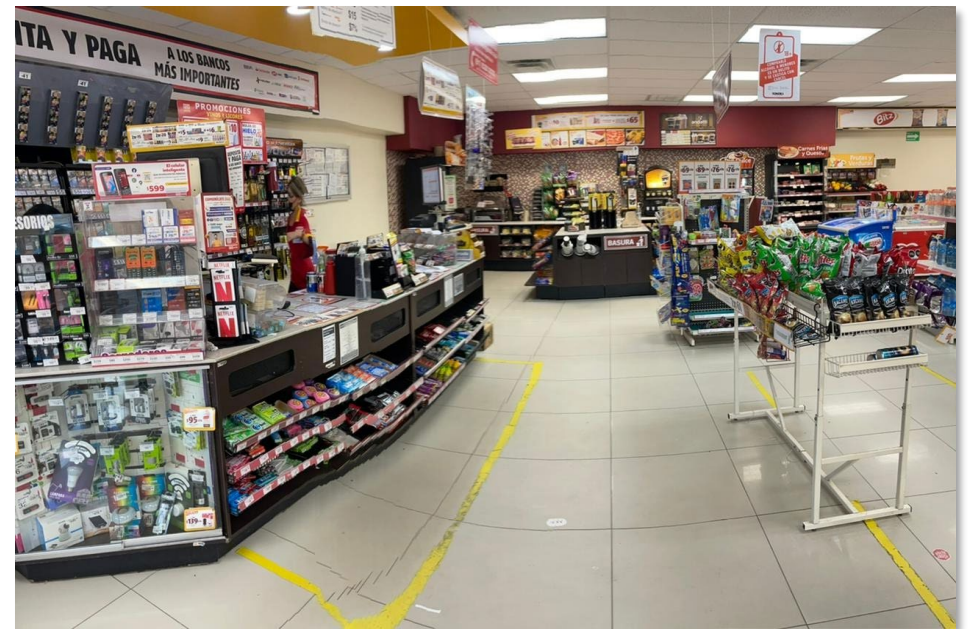
It's run out of a local lady's home kitchen. The secret of a great field trip is to eat what the residents eat. It doesn't matter where you go, eat with the locals for the best food.



6.30am

Sometimes an Oxxo is the only store in a town in rural Mexico. A general store selling everything from mobile phones to beer, bottled water and snacks.

You never go out into the field without stopping to fill up the cooler with drinks and ice.



8.05am

Finding Cell Coverage

Stopped in Buenavista for a call with the audit committee. Even with fieldwork on, the company's other business still occurs. When you are remote, it's routine to synchronize your drive to be in cell range for calls.

It's critical to know where you get cell coverage and where you don't. For logistics and for safety reasons.



8.40am

It's a small community of miners in northern Sonora. We ran into our neighbors @OrogenRoyalties, at their Sarape Project. We asked how the drilling was going...

We compared notes, talked rocks and food, then hopped back in the trucks.

It's a quick stop and we are off again.



9.24am

Arrive at Oso Negro

First thing we do – pull out the maps and orient ourselves.

We have different maps for each element. Gold and silver, for sure. But also “pathfinders” like antimony, thallium and bismuth that help target the best parts of the veins.

This is the meat and potatoes of exploration. Use the pathfinders to give you a prospective target area, then get to mapping.



8.44am

The Fresnos Vein

We staked this ground at the beginning of 2021 and found this vein in our first mapping program. It's a big vein but the grades on surface are low. We are reviewing it today with two possible options in mind...

Video: <https://youtu.be/--xX96GBWuo>



9.05am

The Fresnos Vein

There were always going to be photos of rocks!

Option one for Fresnos is that the sweet spot doesn't occur at surface and this pulse of veining will evolve into better grades at depth. We spend a lot of time looking at the different quartz style to vector to the best spots. #boilingtextures anyone!



10.00am

The Fresnos Vein

Option 2 for Fresnos is that this pulse of vein doesn't have #gold or #silver, but a second one nearby does. By looking closer at the rocks, we can find pieces caught up in it that can lead us to it. Then we'll have a clear drill target.



11.20am

Every bush in Sonora has thorns otherwise its eaten. Especially now, as Northern Mexico is in the middle of a severe, two-year-long drought.

Note the bird's nest in the center of that cactus...How's this for security?



12.05pm

Another stop at Fresnos to see one of the widest vein zones I have ever visited. We come across a 70-meter wide section of vein! It even makes a waterfall when the rain comes.

Video:

https://youtu.be/yNKG_kcz9mE



1.00pm

Find a nice spot in the shade to sit down for a Fajita Burrito. If only I could share the taste.

Conversation rotates between family news, the day they found the vein, and even NFTs. We Geos have eclectic interests!

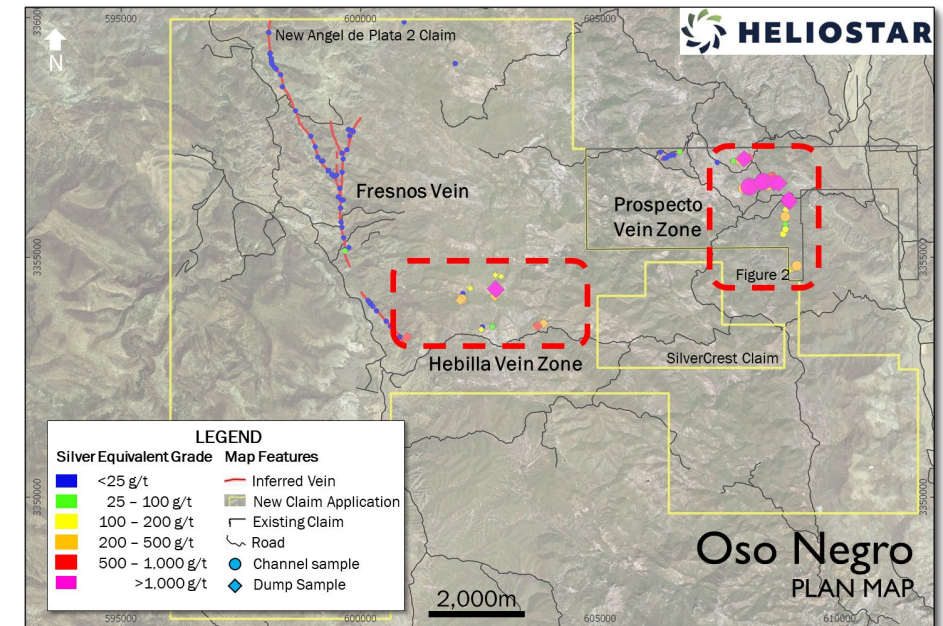


1.40pm

The New Hebilla Zone

Looking at our senior geo's samples to decide the best places to visit after lunch. It's getting warmer out now!

Habila has historic workings but remains undrilled.



2.00pm

Historic Working on our Site

We might need to refurbish the winch! Old shafts and mine workings show us that someone found something here in the past. That's exciting.

The Hebilla vein zone has many small, historic workings. Grab samples from these locales contained high silver and gold grades.



2.35pm

Green copper oxide

The silver and gold here occur along with base metals like copper. And we have 1,501 g/t silver equivalent sample from the mine dump. We'll do some systematic mapping and sampling and be the first company to drill here!



2.55pm

Unpaid Product Endorsement

We love these electrolyte drinks in Mexico. No sugar and everything you need to keep going throughout the day. Grape or Jamacia (Hibiscus) are definitely the best flavors!



3.20pm

The new Hebilla zone has potential...old workings, good grades at surface, and two potential drill targets. Could be a wider corridor of lower grade mineralization or narrow, high-grade veins. We now have a plan in place. On to Prospecto.



3.45pm

Prospecto could be a company maker.
We acquired Oso Negro because of Prospecto. The main vein has 360 m of length, an average width of 1.3 m, and a weighted average grade of 420 g/t silver equivalent! We can't wait to get a drill rig on site.

Video: https://youtu.be/V8E1lCK5b_I



4.03pm

More evidence of the past work

These bricks could easily be over 100 years old. They are the remains of an old mill on the site. We're not too far from the giant Cananea copper mine, which went into production in 1899.



4.20pm

Last geology lesson (we promise!)

See how this little vein has a bend in the middle, where it gets wider? That's called "dilation".

What happens on small scales, happens on large scales too. And this is exactly what we're looking for, on our big veins, to find an ore shoot!



5.00pm

As soon as you drop off the highway, the dirt tracks bounce the truck all over. Hapless geos hang on for dear life. You can try the knee jam, the death-grip on the overhead handle, or even the ceiling brace...but it's hard to avoid a few random knocks as we head for home.

Video: <https://youtu.be/CpRclKHSxac>



6.00pm

Back at camp!

Thank you for sharing our day in the field with us. It's time for a break before we head to dinner. #Geolife is one of the best, most challenging, and exciting careers in the world!

