



Cornish Lithium Update

Cornish Lithium is progressing with drilling at the site in Twelveheads and has ongoing work evaluating and planning with partners on other exploration sites. The company has recently hired multiple new staff to work at the United Downs site, including a hydrogeologist, junior geologists, and site technicians. More staff have been taken on across the company as it expands. If you are interested in working with Cornish Lithium, please see the 'careers' section of the website. <https://cornishlithium.com/contact-details/careers/>

Cornish Lithium has worked with local company Pixel Rain to create a short film on data and mining, highlighting the work being done and how we utilise historic mining data. This film can be found on the videos section of the website <https://cornishlithium.com/news-and-media/videos/>

Cornish Lithium is proud to be sponsoring the Cornwall Heritage Trust School Transport Scheme again this year, and is sponsoring the Gweek Seal Sanctuary's 'Fund Our Future' campaign to raise money for new wildlife pools. Cornish Lithium is also sponsoring the Kernow Killer Kids, an assault course challenge near United Downs which will be held in November.

The team regularly attends local events, and recently attended Supercharged Cornwall at Truro College. This was hosted by Robert Llewellyn and highlighted the new Electric Vehicle courses at Truro college as well as discussing key challenges such as supply chain issues for the Electric Vehicle industry.

If you would like a talk for any groups you are involved with or events you are hosting, please get in touch via info@cornishlithium.com.



Twelveheads

Cornish Lithium's permissions to continue drilling at Twelveheads have been extended, to allow testing of additional geological structures at depth. Drilling has recommenced to deepen the borehole from its current depth of 1,600m (5,249 feet). Permissions have been extended until March 2023, although we hope drilling and testwork will be completed before this date.

A new drill rig has been commissioned at this site which allows a further depth to be reached, with a new target depth of around 2,000m (6561 feet). The previous drill rig used at Twelveheads has now been moved to work on the Trelavour hard rock project. The drill rig currently in use at Twelveheads will be relocated to a new site once the work at Twelveheads has been completed.

United Downs

The pilot plant at United Downs continues to run Direct Lithium Extraction (DLE) technology and produce lithium from geothermal waters. The site has recently had two reverse osmosis units arrive. Both units will be trialled to concentrate lithium-enriched waters from the sub-surface, alongside the lithium product produced by DLE technology.



Lithium in Hard Rock



Alongside work on extracting lithium from geothermal waters, Cornish Lithium has a lithium in hard rock project based near St Dennis in St Austell, known as the Trelavour project. This project is looking at extracting lithium from the mica minerals found in Cornish granite, which is known to be particularly enriched in lithium around the St Austell area. Drilling for this project differs from lithium in geothermal waters and will consist of multiple shallow drillholes in an old china clay pit. The drilling that is currently taking place will be used for the project feasibility study. You can read more about this on our website.