



Trelavour Pit and TreLith

Exploration drilling in the Trelavour Pit is progressing well. Two drill rigs, are currently deployed with over 1,300m drilled to date. Some of the boreholes planned are at locations outside of the current open pit. To facilitate this it will be necessary to clear some pockets of vegetation. Clearance work will take place under the supervision of a qualified ecologist and will be done in stages so that they can inspect habitats so that any vulnerable animals can be safely moved.

Permissive paths: To enable access for the rigs it will be necessary to make some temporary changes to the routes of some of the permissive paths around the site. The revised routes will be clearly marked on site and temporary fencing will be used to ensure that members of the public are kept away from the drill rigs and any associated equipment, once in position. These measures are for **your** health and safety so, please follow any redirection signs you see and keep dogs on leads. Consideration is being given to the provision of a new permissive path along the north west boundary, **parallel to Brewer's Hill**. To assess its suitability in the long term, some initial vegetation clearance will be carried out in the next few weeks (again under supervision of ecologists). Once completed the suitability of the route can be considered in more detail.

Demonstration facility at TreLith: Through 2023, we will be finalising the installation of our Lithium Hydroxide demonstration processing plant. There will be two elements to the plant; a mineral processing facility which will convert the ore from Trelavour Downs, into a lithium enriched micaceous "sand". The output from this process will then be fed to a hydrometallurgical "Lepidico" process facility which will convert the lithium enriched mica into a high purity, battery grade, lithium hydroxide salt. Both facilities, as well as a new laboratory, will be ready at the end of 2023 for full commissioning and operation early in 2024. This significant investment will require a new operational team, for which we expect to recruit around 30 new staff as a mix of permanent and fixed term positions.



Jason Earl will be joining the Trelavour Team on 1st March as Quarry Manager. He has over 20 years experience working in the quarrying industry and has previously held Managerial/Supervisory positions with Companies such as Chepstow Plant, Imerys, Duo Processing and Wolf Minerals.

Cornish Lithium is also expanding the Trelavour ESG Team with the appointment of **Eldon Douglas** as Site Environmental Officer.

A warm welcome to both Jason and Eldon.

Other updates:

Electric Vehicles – the demand for Lithium: The most common battery types in modern electric vehicles are lithium-ion because they have a high power-to-weight ratio, high energy efficiency, good high-temperature performance, and low self-discharge. Currently, lithium bound for the UK is sourced primarily from countries including Bolivia, Argentina, Chile, USA, Australia, and China. As the UK and the World transition from fossil-based systems of energy production and consumption - including oil, natural gas and coal - to renewable energy sources like wind and solar, as well as lithium-ion batteries, a domestic supply of lithium will be essential. Cornwall's rich natural capital means that it is poised to play a key role in the transition away from fossil fuels.

Want to learn more about Cornish Lithium and the Trelavour Project? We will be hosting a public meeting at St Dennis Football Club, on Tuesday 21st March starting at 6.30pm - come along and meet the Team and find out more about our exciting plans - to register your interest go to: <https://www.eventbrite.co.uk/e/cornish-lithium-trelavour-project-presentation-evening-tickets-564673171657>

or scan the QR code below.

