

**The owners or agents thereof:**

*Land at Trewennack, Helston  
Cornwall, TR13 0PQ*

*Grid Reference:- SW 677286*

Search Reference: WD0123P

Date of search: 01.08.2023

**Mining Search Status:**

**Passed:- Acceptable Risk**

**Introduction.**

The primary purpose of this report is to ascertain whether historic mining activity poses a threat to ground stability and structural integrity of the property concerned. This is based on the metalliferous mining records held by Mining Eye Ltd at the time of producing the report.

This report is suitable for the purposes of conveyancing and insurance and is undertaken on behalf of the client or at the request of their solicitors/legal advisers.

**General Mining Risk Information.**

The main risk to property from abandoned mine workings is associated with shafts and shallow workings. Subsidence may be gradual or catastrophic, depending on the size of the feature involved and the mechanism of its structural failure. Backfilled workings and waste tips are prone to gradually settle over time, but it is usually the sudden failure of decayed timber supports which cause shafts to open or subside and workings to collapse. Many of the shallow workings are ancient and unrecorded however their position may be inferred by surface features, the record of waste tips on historic maps, or from the extrapolation of deeper structures on later mining plans. Since gradual development has obliterated many surface features, it is possible that unrecorded workings can exist within any mineralised area, without any indication of their presence.

**Limitations.**

This report is based on a comprehensive archive of abandoned mining plans and historic maps, as well as field data and other written material. It must be recognised that historic archive material does vary in accuracy and may not be complete. We endeavour to combine and synthesise an accurate

interpretation of these records, however we cannot be held responsible for any omissions or errors present in the archive material upon which this interpretation is based.

It should also be recognised and accepted that unrecorded or unindicated workings can exist in any mineralised area. Additionally, although this report may comment upon features other than mining, it is not intended to report archaeology, contaminated land, environmental or ecological factors. If this information is required, it must be sought separately.

### **Geology.**

The bedrock geology comprises hornfelsed slates and from the Myslor Slates series. A footings inspection was carried out immediately to the north east of the site and here a heavy dark sandy silty soil with a typical thickness of 2.5m graded to totally weathered dark slates (structured). A large band of Greenstone occurs to the north (microgabbro).

### **Mining History.**

The area surrounding Wendron, both in the granite, and the sediments was worked before records began for tin. The workings were typically shallow, rich and limited in extent, although much trial work was undertaken. Some of the mines persisted until the late 19<sup>th</sup> century.

### **Present and Future Mining Activity.**

There are no active permissions for any kind of mining activity in the immediate area. Due to the limited nature of the veins and the lack of persistence in depth, it is unlikely any of the mines will receive attention. We consider it to be confined to history.

### **Mining Appraisal.**

The property appears to be south of any mining activity. The footings in the adjacent site were clear and the trend of the lodes in the area suggests that if they occurred, they would be absent in this footings.

### **Conclusion.**

The site does not require any further attention in respect to historical mining. Footings require inspection of any inconsistent ground feature is encountered, however unless these are found we would designate the units of the development as secure assets for the purposes of lending and insurance in this respect.

**Recommendation.**

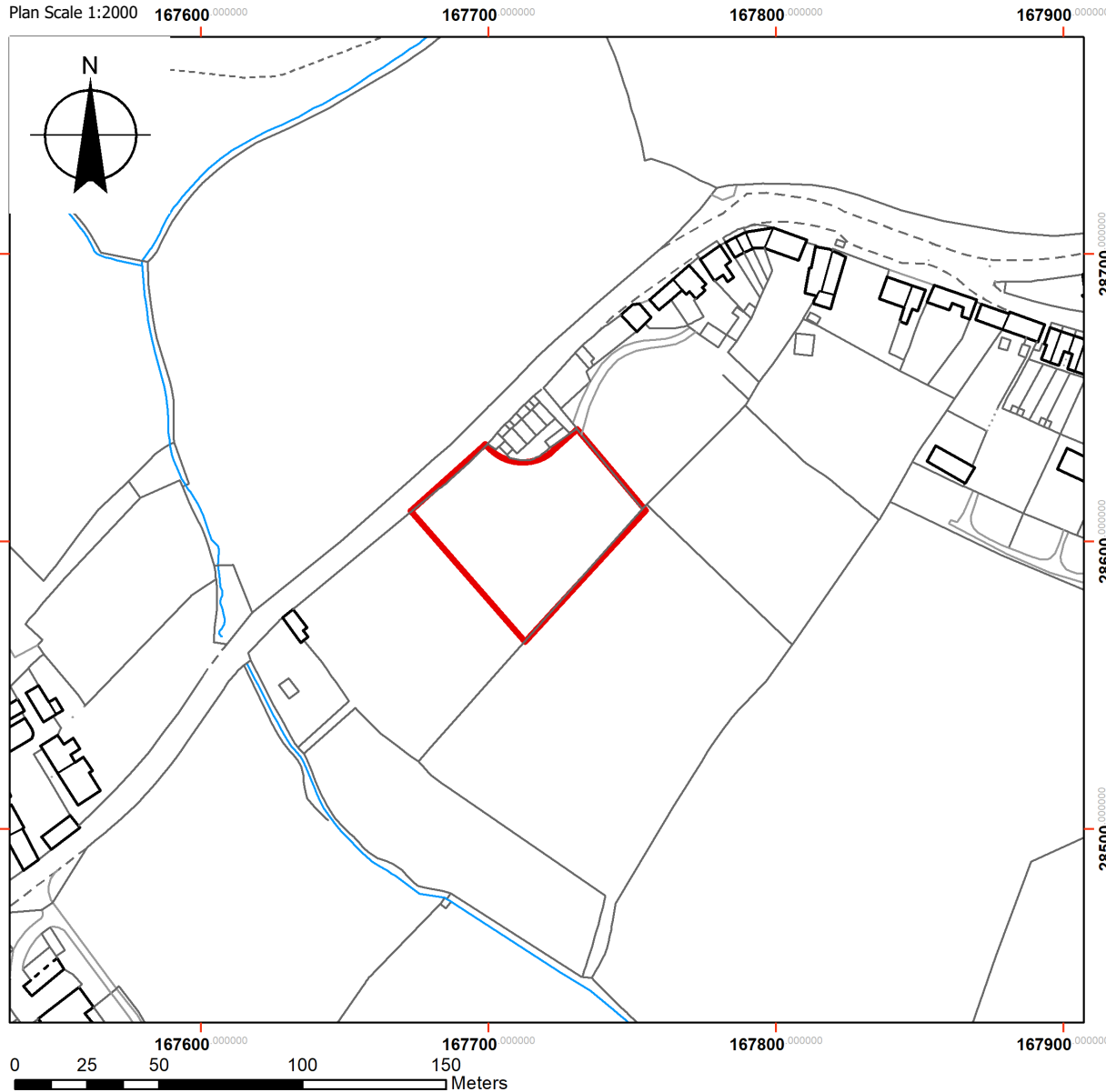
Work can proceed without any mining related concerns.

**Footnote.**

Mining Eye use the latest Geographical Information Systems software and Ordnance Survey Map Data under licence. This enables us to overlay all of the historic mapping and mining plans onto a plot of the most accurate modern map for the application. The data is easily visualised and it is possible to quickly locate features and assess their spatial accuracy. The resulting map is not a sketch of workings with no scale, it is dimensionally accurate within the tolerances specified by the software and the originating data from our archive material. It provides the client with the most accurate representation of mining workings relevant to their property.

**Bibliography.**

1. Wendron Tin. AK Hamilton Jenkin, (1961).
2. Mining Area Map "Wendron and Helston" MROA S6. (County Records)
3. The Metalliferous Mining Region of SW England, HG Dines, HMSO, (1956)
4. Observations on the West of England Mining Region, JH Collins (1912)
5. 1880 25" Ordnance Survey Map (Tiled).
6. 6" Geology BGS 1906 Sheet 76NW



## Search Results for Recorded Mining Activity.

### Property:

Land at Trewennack  
Helston  
Cornwall  
TR13 0PQ

### Mining Search Status:

**Acceptable Risk**

Center of plot: SW 677286

### Legend:



Property Covered by this Search

Features highlighted on this map are based on all available information and records but no guarantee can be given that this is totally accurate or complete.

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