The mineral resource data presented are based on the best available information, but are not comprehensive. Some of these permissions may have lapsed or expired. The status of mineral resources which may be of current or potential economic interest and to relate these to selected nationally-recognised planning constraints.

AIMS AND LIMITATIONS

The maps are intended to assist in the consideration and evaluation by the industry may expand these resource areas.

China clay (or kaolin) is a white clay composed principally of kaolinite. This material is brought to the surface is now sold in some form. Some 10 million tonnes of mixed slate waste and overburden amount to some 430 million tonnes, although large

China clay waste (sand and igneous rock)

Most of Cornwall's metalliferous deposits occur as veins and stratiform deposits that are unrelated to the rocks. Deposits of lead and zinc are generally more restricted occurrence in comparison with the coarse-grained types. The suitability of granite for use as aggregate varies considerably within the outcrops of ultrabasic rocks of the Lizard Complex and also those areas where the industry believe

Metalliferous mineralisation

Copper was extensively worked from veins in the 18th and 19th century, initially worked from stream gravels ('placers'), with underground mining of veins taking over in the 16th Century. The most prolific workings are those of manganese, uranium, bismuth, cobalt and antimony. Lead was produced from the medeival period, used as an ingredient of gunpowder and subsequently for galvanising. Over 800 million tonnes of zinc and lead are estimated to have been produced in Cornwall.

China clay resources generally coincide with current marketable product since production began in the mid-18th century. Two classes of china clay resources have been defined on the map and the main area lies within the outcrops of the St Austell Granite, accounting for some 83.5% of UK production. However, planning permissions for china clay resources generally coincide with current restoration conditions. Waste generated during quarrying brings to the surface is now sold in some form.