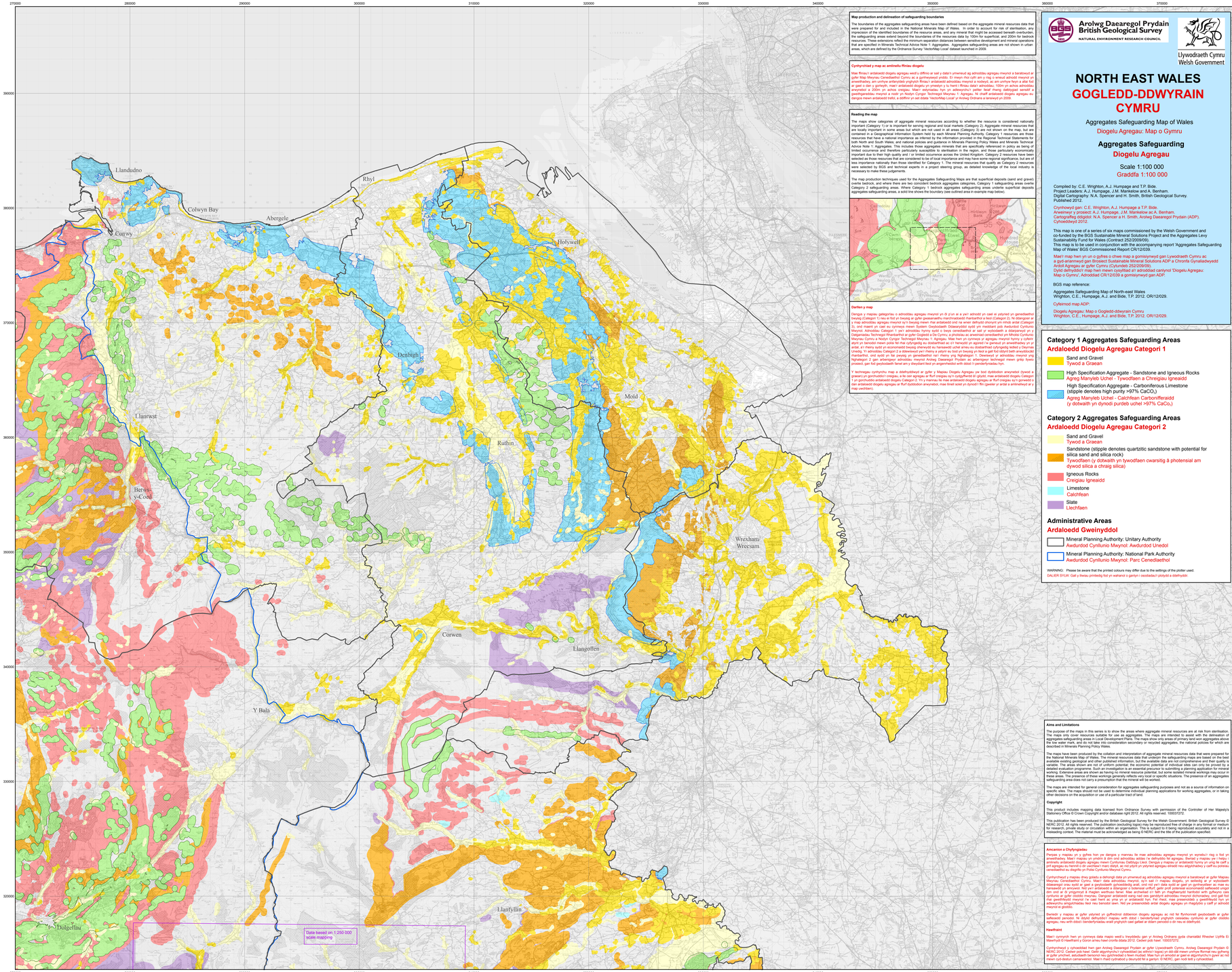

Map production and delineation of safeguarding boundaries

The boundaries of the aggregates safeguarding areas have been defined based on the aggregate mineral resources data that have prepared for and included in the National Minerals Map of Wales. In order to account for risk of sterilisation, any impression of the identified boundaries of the resource areas, and any mineral that might be accessed beneath overburden, the safeguarding areas extend beyond the boundaries of the resources data by 100m for superficial, and 200m for bedrock resources. These extensions reflect the minimum separation distances between sensitive development and mineral operations that are specified in Minerals Technical Advice Note 1: Aggregates. Aggregates safeguarding areas are not shown in urban areas, which are defined by the Ordnance Survey 'VectorMap Local' dataset launched in 2009.

Cynhyrchiad y map ac amlinellu ffiniau diogelu

Mae ffiniau'r ardaloedd diogelu agregau wedi'u diffinio ar sail y data'n ymwneud ag adnoddau agregau mwynol a baratowyd ar gyfer Map Mwynau Cenedlaethol Cymru ac a gynhwyswyd ynddo. Er mwyn rhoi cyfrif am y risg o wneud adnodd mwynol yn anweithiaeg, ac unrhyw argraffiadau ynglŷn ffiniau'r ardaloedd adnoddau mwynol a nodwyd, ac am unrhyw fwyn a allai fod yn cael ei gyrchu islaw'r haenau gorchuddio, mae'r ardaloedd diogelu'n ymestyn y tu hanes i'r data adnoddau mwynau arwynebol a 200m yn achos creigiau. Mae'r wahaniaeth hyn yn adlewyrchu'r pellter lleiaf rhwng datblygiad sensitif a gweithgareddau mwynol a nodir yn Nodyn Cyngor Technegol Mwynau 1: Agregau. Ni chaiff ardaloedd diogelu agregau na llenga mewn ardaloedd trefol, a diffiniir yn set data 'VectorMap Local' yr Arolwg Ordnans a lansiewyd yn 2009.

Reading the map

The maps show categories of aggregate mineral resources according to whether the resource is considered nationally important (Category 1) or is important for serving regional and local markets (Category 2). Aggregate mineral resources that are locally important in some areas but which are not used in all areas (Category 3) are not shown on the map, but are contained in a Geographical Information System held by each Mineral Planning Authority. Category 1 resources are those resources that have a national importance as inferred by the information provided in the Regional Technical Statements for Aggregates. Such resources are those which are specifically referenced in policy as being of limited or local importance and Advice Note 1: Aggregates. This includes those aggregates minerals that are specifically referenced in policy as being of limited occurrence and therefore particularly susceptible to sterilisation in the region, and those particularly economically important due to their high quality and / or limited occurrence across the United Kingdom. Category 2 resources have been selected as those resources that are considered to be of local importance and may have some regional significance, but are of less importance nationally than those identified for Category 1. The mineral resources that qualify as Category 2 resources were selected by BGS and technical experts in a project steering group, as detailed knowledge of the local industry is necessary to make these judgements.

The map production techniques used for the Aggregates Safeguarding Maps are that superficial deposits (sand and gravel) overlie bedrock, and where there are two coincident bedrock aggregates categories, Category 1 safeguarding areas overlie Category 2 safeguarding areas. Where Category 1 bedrock aggregates safeguarding areas underlie superficial deposits aggregates safeguarding areas, a solid line shows the boundary (see outlined area in example map below).

Cefnddwysu
Cefnddwysu Park
Cefnddwysu Park Golf Course
Cwm Berwyn
Cwm Berwyn Golf Course
Hirlwyn Bank
Hirlwyn Stone Quarry
Hirlwyn Farm
Hirlwyn Farm Golf Course
Hirlwyn Farm Golf Course Quarry
Hirlwyn Farm Quarry
Hundred House
Hundred House Quarry
Llwyn Ffrwd
Llwyn Ffrwd Quarry
Llwyn Ffrwd Golf Course
Llwyn Ffrwd Golf Course Quarry
Llwyn Ffrwd Golf Course Sub Station
Llwyn Ffrwd Sub Station
Llwyn Ffrwd Farm
Llwyn Ffrwd Farm Quarry
Llwyn Ffrwd Farm Sub Station
Llwyn Ffrwd Farm Golf Course
Llwyn Ffrwd Farm Golf Course Quarry
Llwyn Ffrwd Farm Golf Course Sub Station
Llwyn Ffrwd Farm Golf Course Pond
Llwyn Ffrwd Farm Golf Course Pond Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station
Llwyn Ffrwd Farm Golf Course Pond Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry Sub Station Quarry