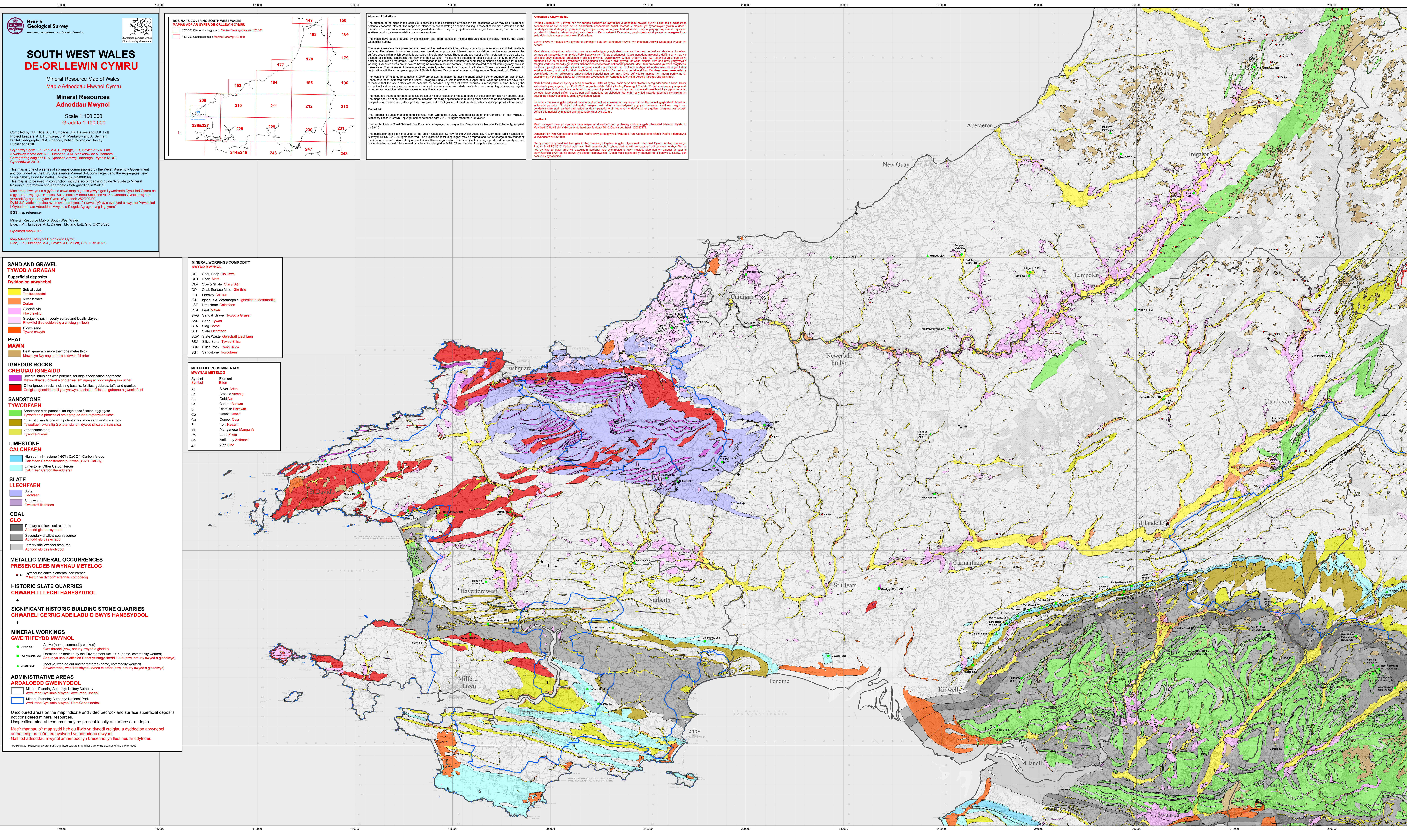




British Geological Survey
NATIONAL RESEARCH AND RESEARCH COUNCIL

SOUTH WEST WALES
DE-ORLLEWIN CYMRU

Mineral Resource Map of Wales
Map o Adnoddau Mwynol Cymru

Mineral Resources
Adnoddau Mwynol

Scale 1:100 000
Graddfa 1:100 000

Compiled by: T.P. Bide, A.J. Humpage, J.R. Davies and G.K. Lott.
Project Leaders: A.J. Humpage, J.M. Markelov and A. Benham.
Digital Cartography: N.A. Spencer, British Geological Survey.
Published 2010.

Cryhwytwyd gan: T.P. Bide, A.J. Humpage, J.R. Davies a G.K. Lott.
Aweinydd y prosiect: A.J. Humpage, J.M. Markelov ac A. Benham.
Cartograffeg digidol: N.A. Spencer, Arloeg Deawngol Prydain (AGP).
Cyhoeddiwyd 2010.

This map is one of a series of six maps commissioned by the Welsh Assembly Government and co-funded by the BGS Sustainable Mineral Solutions Project and the Aggregates Levy Sustainability Fund for Wales (Contract 252260909).
This map is to be used in conjunction with the accompanying guide 'A Guide to Mineral Resource Information and Aggregates Safeguarding in Wales'.

Mae'r map hwn yn un o gyfres o chwe map a gomyswyd gan Lywodraeth Cymruallad Cymru ac a gyda'i awydd gan Bectol Sustainable Mineral Solutions ADT a Choniti Gynaliadwydd y Adol Agreaw ar gyfer Cymru (Cyfndeb 252260909).
Dylai defnyddio mapau hyn mewn pectynas â'i awydd y'n cyd-fynd â hwy, sef 'Arweiniad i Wybodaeth am Adnoddau Mwynol a Diogelw Agreawau yng Nghymru'.

BGS map reference:
Mineral Resource Map of South West Wales
Bide, T.P., Humpage, A.J., Davies, J.R. and Lott, G.K. OR10/025.
Cyfeirnod map ADP:
Map Adnoddau Mwynol De-orllewin Cymru
Bide, T.P., Humpage, A.J., Davies, J.R. a Lott, G.K. OR10/025.

SAND AND GRAVEL
TYWOD A GRAEEN

Superficial deposits
Dyddodion arwynebol

- Sub-alluvial
- Terraced
- River terrace
- Certain
- Glacial
- Fluvial
- Glacial (as in poorly sorted and locally clayey)
- Fluvial (as in poorly sorted and locally clayey)
- Blown sand
- Tywod dweith

PEAT
MAWN

- Peat, generally more than one metre thick
- Mawn, yn fwy nag un metr o drwm fel arfer

IGNEOUS ROCKS
CREIGIAU IGNEAIDD

- Dark intrusive with potential for high specification aggregate
- Meirwtradau ddu â photensial am aggrig ac iddo ragfynlunio uchel
- Other igneous rocks including basalts, felsites, gabbros, tufts and granites
- Craigau igneidd eraill yn cynnwys: basaltau, felstau, gabbrau a gwentolion

SANDSTONE
TYWODFAEN

- Sandstone with potential for high specification aggregate
- Tywodfaen â photensial am aggrig ac iddo ragfynlunio uchel
- Quartzitic sandstone with potential for silica sand and/or silica rock
- Tywodfaen cwaerig â photensial am dywod silica a chraig silica
- Other sandstone
- Tywodfaen eraill

LIMESTONE
CALCHFAEN

- High purity limestone (>97% CaCO₃): Carboniferous
- Calchfaen Carboniferaidd pur iawn (>97% CaCO₃)
- Limestone: Other Carboniferous
- Calchfaen Carboniferaidd eraill

SLATE
LLECHFAEN

- Slate
- Llechfaen
- Slate waste
- Gwastraff llechfaen

COAL
GLO

- Primary shallow coal resource
- Adnodd glo bas canolradd
- Secondary shallow coal resource
- Adnodd glo bas allradd
- Tertiary shallow coal resource
- Adnodd glo bas trydyddol

METALLIC MINERAL OCCURRENCES
PRESENOLDEB MWYNAU METELOG

- Symbol indicates elemental occurrence
- Y tsatun yn dynodi elfennau cenhoddeig

HISTORIC SLATE QUARRIES
CHWARELI LLECHI HANESYDDOL

SIGNIFICANT HISTORIC BUILDING STONE QUARRIES
CHWARELI CERRIG ADELADU O BWYS HANESYDDOL

MINERAL WORKINGS
GWEITHFEYDD MWYNOL

- Active (name, commodity worked)
- Gweithfeydd weithredol (enw, natur y mwydd a gweithredol)
- Dominant, as defined by the Environment Act 1995 (name, commodity worked)
- Dominant, yn unig a diffinidwyd gan ymlynyddiaeth 1995 (enw, natur y mwydd a gweithredol)
- Inactive, worked out and/or restored (name, commodity worked)
- Anweithredol, wedi diatbysu a/neu ei adfer (enw, natur y mwydd a gweithredol)

ADMINISTRATIVE AREAS
ARDALOEDD GWYNYDDOL

- Mineral Planning Authority: Unitary Authority
- Adnoddau Cynllunio Mwynol: Adnoddau Unedol
- Mineral Planning Authority: National Park
- Adnoddau Cynllunio Mwynol: Parc Cenedlaethol

Uncoloured areas on the map indicate undivided bedrock and surface superficial deposits not considered mineral resources.
Unspecifed mineral resources may be present locally at surface or at depth.

Mae'r rhannau o'r map sydd heb eu llwio yn dynodi creigiau a dyddodion arwynebol a hysbysu na chânt eu hysbysu yn adnoddau mwynol.
Gall fod adnoddau mwynol anweithredol yn bresennol yn lleol neu ar ddyfnder.

WARNING: Please be aware that the printed colours may differ due to the settings of the printer used.

MINERAL WORKINGS COMMODITY	
MWYNOL MWYNOL	
CD	Coal, Deep Gto Dfwn
CHT	Chert Siert
CLA	Clay & Shale Cila a Sila
CO	Coal, Surface Mine Gto Blig
FIR	Fireclay Cail Ith
IGN	Igneous & Metamorphic Igneidd a Metamorffig
LST	Limestone Calchfaen
PEA	Peat Mawn
SAG	Sand & Gravel Tywod a Graean
SAN	Sand Tywod
SLA	Slag Sord
SLS	Slate Llechfaen
SLW	Slate Waste Gwastraff Llechfaen
SSA	Silica Sand Tywod Silica
SSR	Silica Rock Craig Silica
SST	Sandstone Tywodfaen

METALLIFEROUS MINERALS	
MWYNAU METELOG	
Symbol	Element
Ag	Silver Arian
As	Arsenic Arsenig
Au	Gold Aur
Ba	Barium Barwm
Bi	Bismuth Bismwch
Co	Cobalt Cobalt
Cu	Copper Coper
Fe	Iron Haearn
Mn	Manganese Manganis
Pb	Lead Plwm
Sb	Antimony Antimoni
Zn	Zinc Sinc