

MONTGOM.

WWS (1848) = WW Smyth, Mem Geol Surv. Vol II part 2 pp 655-684
(1848) Lodes numbered (x) from S → N.

OTJ (1922) = OT Jones SRMRGB, Vol 20 (1922). Mine No (x) on map

MA 8 169 Phosphates of Montgom

DC Davies (1888) "A treatise on metalliferous mines and mining" 4th ed'n, London!

JR Foster-Smith (1978) "The Mines of Montgomery & Radnorshire" British Mining No. 10. Northern Mine Research Soc

WJ Lewis (1967) "Lead mining in Wales"

DE Bick (1979) "Dylife"

JAJones & NSM Moreton ~~et al~~ (1977) "The Mines & Minerals
of Mid-Wales" Pub. by Authors.

DE Bick "Old Metal Mines of Mid-Wales" 4 (1977)
Part 5 (1978)

TM Thomas (1961) "The mineral wealth of Wales & its exploit'n"

KCDunham et al (1945) Wartime Pamphlet 46. "Barium
minerals in England & Wales"

GSCW (1974) Geol Surv 1:100 000 map "Cent. Wales Min'g Field"

"AMPHIBOLE"

MONT.

Llanidloes

Anglesite

Mont

Dyffryn, M. SW 84 93

ANKERITE

MONT.

~~Cyfarthta~~

Dylife

Craig-y-Mwn M.

Llangynog M.

Ochr-Graig M.

Craig-ddu M(?)

Nant-ddu M

Esgair galed lode

Llechwedd-ddu lode

Hyddgen M

Meifod (?)

Dyfnngwm M

APATITE (and "PHOSPHORITE" and
"PHOSPHATE OF LIME")

MONT.

Berwyn M.

Blaen-y-Cwm M.

Bwlch Creolan M.

Cwm Gwnen M.

Pen-y-Garnedd M.

Clòchnant M.

Pwll-y-wrâch

Aragonite

Mont

Och-graig M

SJ 0526

Arsenopyrite
Hyddgen M (?)

Montgom.

AURICHALCITE

MONT.

Ochr-Graig M.

Llanymynech

Dylife M

Nant'yriera M

Azuwike

Montgom

Llanymynech
Dylife

BARYTE

Aber-Daunant M.
Berwyn M.
Blaen-y-Cwm M.
Bryn-y-Tail Ms.
Bwlch-Creolan M.
Calcot M.
Cliffdale M.
Craig-Ddu M.
Craig Rhiwarth M.
Craig-y-Mwn M.
Cwm-Gwnen M.
Cwm Mawr
Cwm Orog M.
Gorn M.
Llangynog M.
Meifod

MONT.

Pen-y-Clun M.
Pen-y-Garnedd M.
Roundton M.
Van M

Bechererite

Mont.

Llangynog M.

Bornite

Mont

Dylife

BROCHANTITE

MONT.

Dylife

Dyfngwm

Ochr-Graig M.

Geu from M

Nant melyn M

CALCITE

Calcot M.
 Cliffdale M.
 Craig-y-Mwm M.
~~Cyfarthta M.~~
 Dylife (incl. manganooan)
 Dyfngwm
 Esgair Galed
 Geufron M.
 Llangynog M.
 Llechwydd Ddu
 Nantiago
 Nant Melyn M.
 Nantyricket M.
 Ochr-Graig M.
 Roundton M.

MONT.

Siglen Las
 Van M.
 Pen-y-Clun M.
 Bryn-y-Tail M's
 Bwlch Creolan M
 Llanymynech
 Nant-ddu M
 Meifod (incl. ferroan)

Caledonite

Mont

Dyfnwom M

Nantmelyn M

CERUSSITE

MONT.

Aber-Daunant M.

Craig-y-Mwn M.

Dylife

Dyfngwm

Hafod Feddgar

Llangynog M.

Ochr-Graig M.

Llanymynech

Cwm Drog M

Cwm buchar M

Rhos y Gwiddol mine

Nantmelyn M

chalcocite

Montgom

Llanymynech ("grey Cu ore")

Chalcophanite

Mont

Hydogen

Chalcophyllite

Mont.

Dyfnogwm M.

Dylife M.

CHALCOPYRITE

MONT.

Berwyn M.
 Blaen-y-Cwm M.
 Craig-Ddu M.
 Cwm-Gwnen M.
 Cwm-Rhicet (Cwm Ricket) M.
 Cyfarthta M.
 Dylife
 Dyfngwm
 Esgair Galed lode
 Geufron M.
 Llangynog M.
 Llanidloes
~~Maelydd~~
 Nantmelyn M.
 Nant-y-Blaid M.

Nantyricket M.
 Pen-y-Garnedd M.
 Siglen Las
 Van M.
 Craig-y-Mwn M.
 Ochr-Craig M.
 Llanerch-yr-aur
 Llanymynech
 Nant-ddu M.
 Llechwedd-ddu lode.
 Hyddgen M.
 Meifod

Chrysocolla

Mont.

Dylife
Leifron H

Co minerals (unspecified) Montgom

Llangynog.

Cobaltite

Montgom

Hyddgen M. (?)

Connellite

Montgom

Jefferson M.

Copper, native

Montgom.

Jefferson M

"COPPER ORE(S)" (unspecified)

MONT.

Calcot M.

Craig Rhiwarth

Hafod Feddgar

Moel Fadian M.

Meifod (stains)

Corvettine

Mont.

Dyfnagwm M

Cryptomelane

Mont

Hydogen

CUPRITE

MONT.

Geufron M.

Llanymynech

Cyanotrichite

Mont

gen from M (?)

DEVILLINE

MONT.

Dylife

Dyfugwm M(?)

Dickite

Mont

Ochr Graig M (?)

DOLOMITE

MONT.

Esgair Galed

Llangynog M.

Craig-dolau M(?)

Ochr Graig M

Felspars, unspecified,

Montgom.

Pen-y-graig

GALENA

See also "LEAD ORE"

MONT.

Aber-Daunant M.

Afon Horeg

Berwyn M

Blaen-y-Cwm M.

Bryn-y-Tail Ms.

Bwlch Creolan M.

Cae Conroy M.

Calcot M.

Cliffdale M.

Craig-Ddu M.

Craig Rhiwarth (Ag)

Craig-y-Mwn M.

Cwm Byr

Cwm-Gwnen M.

Cwm Orog M.

Dylife

Dyfngwm

Esgair Galed Lode

Geufron M.

Gorn M.

Gwestyn Ms.

Hafod Feddgar

Llanerch yr Aur

Llangynog M. (Ag)

Llanidloes

Moel Uchlas

Nantiago

Nantmelyn M.

P.T.O.

96
Nant-y-Blaid M.

Nantyreira M.

Pen-y-Clun M.

Pen-y-Garnedd M.

Siglen Las

Van M. (Ag)

Ochr-Graig M.

Llanymynech

Meifod.

Pen-y-graig

Nant-ddu M

Llechwedd ddu lode

Hyddgen M

Cwm-Tan-afon

Ty'n-y-llwyn

MCNULTY
Cwmbuchan M

Goethite, "Ermonite"

Mont.

Meifod

Aberdeunant M

Leufron M

Hyddgen

GOLD

MONT.

Nant-y-Blaid M.

Greenockite

Mont.

Dylyfe

Cwm Orog (?)

GYPSUM

MONT.

Nant-y-Blaid M.

Meiriod
Dylife

Haematite

Montgom

Llandysilio

Haemotome

Montgom

Cwm Orog mine
Ochr-græg M.

HEMIMORPHITE

MONT.

Dylife

Llangynog M.

Ochr-Graig M.

Hydrocerussite

Mont

Dyfnwun M.

Nantmelyn M

HYDROZINCITE
HYDROZINCITE

MONTGOM
MONT.

Dylife

Ochr-Graig M.

Pen-y-Clun M.

Van M.

Llangynog M.

Dyfnagum M

"IRON ORE"

MONT.

Aber-Daunant M.

Nant-y-Blaid M.

JAROSITE

MONT.

Dylife M.

Kaolinite

Mont

Ochr. gray. M (?)

LANGITE

MONT.

Dylife

Dyfnigwm M

Gelfryn M

Ochr-graig M

Lautenthalite

Mont.

Dyfnogwm M.

"LEAD ORE" (X - assumed)

MONT.

Bacheiddon M. X
Bryn Bedwen X
Bryn Bos Ddu X
Brynposteg M.
Brynyfedwen M.
Bryn-y-Gaer X
Cefnmaenllwyd M.
Ceulan M.
Clochnant M. X
Cwmfron
Cwmfron E. M.
Cwm Glan yr'Afon X
Cwm Rhaiadyr X
Cyfarthta M.
Dolminers M. X
Fronfelen M.

Glyn M. X
Llechwedd Ddu X
Moelydd *fre*
Nanty M.
Nant-y-Gwrddy M.
Pant Mawr X
Pearce's Llanidloes M.
Penrhiw Mwyn X
Penyrallt M.
Rhiw Griafol
Rhos-y-Gwidol (Rhoswydol)
Rhyd Dib Enwch
Rhysnant
Van Consols M.
Van E. M.
Hyddgen M.
Cwm buehan (Ag-)

Leadhillite

Mont.

Dyfnugum M

Nantmelyn M (e/or susannite)

LINARITE

MONT.

Craig-Ddu M.

Dylife

Dyfngwm

Llangynog M.

Ochr-Graig M.

Craig-y-Mwn M.

Geufron M

Nant Melyn

Lithiophorite

Montgom

Hydgers

MALACHITE

MONT.

Craig-Ddu M.

Dylife

Geufron M.

Llanidloes

Ochr-Graig M.

Llanymynech

Dyfnigwm M

MARCASITE

Van M.

Meifod(?)

MONT.

Mimetite

Montgom

Dylife

Namuwite

Mont gom

Dylife M

Dyfnwom M

ORTHOCLEASE

MONT.

Nant-y-Blaid M.

"PHOSPHATE (OF LIME)" or "PHOSPHORITE"

See APATITE

MONT.

Posnjakite

Mont.

Dyffngiom M(?)

Psilomelane

Mont

Hydogen (?)

PYRITE

MONT.

Craig-Ddu M.

Craig-y-Mwn M.

Geufron M.

Nant Melyn M.

Nant-y-Blaid M.

Van M.

Nant-ddu M.

Hyddgen M.

Ty'n-y-llwyn

Meifod.

Dylife

Dyfnigom

Pyrolusite

Montgorn

Nantyreira (Snowbrook) M.

PYROMORPHITE

MONT.

Aber-Daunant M.

Dylife

Dyfngwm

Ochr-Graig M.

Craig-y-Mwn M.

Cwmbuckan

PYRRHOTITE

MONT.

Craig-Ddu M.

Dylife

QUARTZ

Cae Conroy M.
 Calcot M.
 Clifffdale M.
 Craig-y-Mwn M.
 Dylife
 Dyfngwm
 Esgair Galed lode
 Geufron M.
 Llanerch yr Aur
 Llangynog M.
 Nant-y-Blaid M.
 Nantyricket M.
 Siglen Las
 Van M.
 Bryn-y-Tail M's.
 Craig-Ddu M.
 Hyddgen

MONT.

Cwm-lan-afon
 Llanymynech
 Ochr-Graig M
 Nant iago M
 Nant-ddu M
 Llechwedd-ddu lode
 Hyddgen M.
 Ty'n-Sy-llwyn
 Meifod
 Cwmbuchar M

Ramsbeckute

Montgom

Dylife M

Ochr-graig M

Ramsdellite

Mont

Hyddger

Rhodochrosite

Montgom

Llanymynech

ROMANECHITE

PSILOMELANE

MONT.

Pen-y-Castell (Card. but quoted as Mont!)

Schulenbergle

Dyfnngwm M.

Montgom

"Sericite" (perhaps Muscovite or
similar)

Mont.

Dyfnugwm (?)

"SERPENTINE"

MONT.

Breidden Hills

SERPIERITE

MONT.

Dylife

Ochr-graig M.

SIDERITE

MONT.

Geufron M.
Siglen Las
Llangynog M.

Smiths out

Mont

Llangynog ("Calamine")

Llangynnech ("Calamine")

Dyfnigwm

Ochr-graig M

Spangolite

Mont.

Dyfnugwm (near; ?)

SPHALERITE (and "ZINC ORE")

MONT.

Aber-Daunant M.
 Berwyn M.
 Blaen-y-Cwm M.
 Brynposteg M.
 Cae Conroy M.
 Craig-Ddu M.
 Craig Rhiwarth
 Craig-y-Mwn M.
 Cwm Byr
 Cwmfron
 Cwmfron E. M.
 Cwm Gwnen M.
 Cwm Orog M.
 Cwm Rhicet (Cwm Ricket) M.
 Cyfarthta M.
 Dylife
 Nant-ddu M

Dyfngwm
 Esgair Galed Lode
 Gorn M.
 Gwestyn Ms.
 Llanerch yr Aur
 Llangynog M.
 Nantiago
 Nant-y-Blaid M.
 Nantygwrdd M.
 Pen-y-Garnedd M.
 Rhos-y-Gwidol (Rhoswydol)
 Van M.
 Ochr-Graig M.
 Llanymynech
 Pen-y-graig
 Llechwedd-ddu lode
 PTO

SEPTEMBER

1871

Hyddgen M.
Cwm-lan-afon
Llefron M

Steverustite

Mont.

Llangynog M

SULPHUR

MONT.

Nant-y-Blaid M.

1897/1898 (Sulphur) 1897/1898

Susannite

Montgom

Nantmelyn M (and/or leadhillite)

"Expanding-lattice minerals"

Vermiculite (?)

Woodgate

Montgom

WITHERITE

MONT.

Aber-Daunant M.

Bryn-y-Tail Ms.

Craig Rhiwarth

Craig-y-Mwn M.

Cwm Orog M.

Gorn M.

Llangynog M.

Pen-y-Clun M.

Wroewolfeite

Mont

Dyfnugrom
Dylife M

WULFENITE

MONT.

Dylife

Dyfngwm

Aberdeunant M

Cwm Orog M

Geufron M

Zinc hydroxides

Mont.

Dyfnugwm

Zinc basic sulphate

Mont

Dyfnngiom.

1"128

SN

907 866

ABER-DEUNANT MINE, Llanidloes Without, Montgomery (I)
 cf BRYN Y GAER

OS 6" Mont. 41SW shows "Aber-deunant Mine" at above loc.

OTJ (1922) ① ABERDAUNANT Pb/Zn. p167: $\frac{1}{2}$ ml
 W of the Clywedog, on Van lode. Deep adit
 (820' OD) from valley E-ward on lode for
 ca 110 fm. Parallel adit at 930' OD with
 sh. from surface. Further E on valley
 slope, 2 other adits driven W on lode
 yielded galena, blende, baryte, witherite.
 p45: galena. On dumps are consid. amounts of
cerussite & fragments of quartz are abundantly coated

with pyromorphite. Large xls of galena are completely covered with a layer of hydrated oxide of iron, ca 1/30" thick.

(Rothwell & Mason (1992) UKJMM II 30-40. Wulfenite, caramel-coloured bipy. xls to 0.5 mm with pyromorphite & goethite, from open workings at 9075 8670, below Pen y Gaer ABERDAUNANT M.

Sunday: Aberdaunant Mine, near Llanidloes RSN (1991) 22

A complete change in the weather, warm sunshine all day. The small spoil heap provided good pyromorphite crystals. Cerussite crystals were also plentiful as were the goethite encrusted galena crystals, the goethite crusts being 4-5mm thick.

Steve Plant

R. Soc. N. (1994) 25
Aberdaunant Mine, Llanidloes, Wales
[Grid Ref: SN 905 869] - 18 June 1994
WWB, Leader: Gwyn Billington

Only the meet leader turned up - where were the rest of you? Minerals noted included galena, goethite, cerussite, pyromorphite and possibly wulfenite. Mineralised material is still relatively abundant on the spoilheaps.

{A}
ABER-D(E)UNANT M., Llanidloes, Montgom. (II)

Sunday dawned bright, clear and warm but still with a cool breeze. We dragged our sunburned bodies up to Aberdaunant Mine, suitably covered to prevent our extremities getting even more burned. Here we collected galena cubes coated with goethite along with cerussite (some good specimens) and pyromorphite (less abundant than on previous visits) which, we were assured, occasionally had wulfenite with it. Ever hopeful, we brought some back, but even if there is no wulfenite, some of the pyromorphite specimens are certainly interesting in their own right. They include a colourless variety and botryoidal pyromorphite made from interlocked hexagonal pinacoids. Still, we are looking forward to finding that wulfenite!

RSN (1999) 27

1" 127

SN 82 87 (?)

AFON HOREG Llangurig? Montgom.

See also NANTYREIRA MINE

WWS (1848) Lot ⑩ Threads of pure galena in
sandstone. Not wkg.

NB "Afon Hore" on OS 1" map is stream running
down from Nantyreira mine

ALLT Y MAIN, Montgom.

See MEIFOD

1" 127

SN 838 970-2

BACHEIDDON MINE, Penegoes Montgom
See also RHOS Y GWIDOL MINE

OTJ (1922) 153. On a local lode, ca. WNW;
lenticle-shaped, ca 50 fm long, & rich.
Worked from adit X cut ca 1000' OD
from N (838972?). A later deep adit ca
750' OD all but barren.

BERWYN MINE, Llangynog, Montgom.

See also CWM-GWNEN MINE; PEN-Y-GARNEDD MINE, BLAEN-Y-CWM
CRAIG RHIWARTH

Geol of Oswestry (1929) 203. Concretionary nodules with
64% "tribasic phosphate of lime".

AA Archer, N-F (1959), 264. Baryte veins up to 1 ft wide
with galena, blende, & ~~also~~ chalcopryte

JRF-S (1978) 3. = BLAEN RHIWARTH = CRAIG RHIWARTH
[cf CRAIG RHIWARTH M, same PH, at 05-06, 27] SS 026 291
Phosphorite, bedded, in Ordov. underlying
which, pink baryte in veins (not ^{been} worked)

KCD et al "Bairns in Eng & Wales" (1945) Wartime Pamphlet 46

DE Bick (1978) 5 42

BLAEN-RHIWARTH MINE, Llangynog, M'gom

See BERWYN M.

BLAEN TWYMYN, Penegoes, Montgom

See DY LIFE MINE

1" 117 Llangynog SJ 080 207
Harrheadr- 015 271
BLAEN-Y-CWM MINE yn Mechnant Montgom.
= PENNANT MINE. See also CWM-GWNEN M. etc.

AAArcher, N-F (1959), 264 Phosphorite mine, with baryte
veins up to 1ft wide, with galena,
blende, & chalcopryrite.

JRF-S (1978) 3. At SJ 015 271. Llangynog pH.
Phosphorite beds in Ordov. underlain
by strata with veins (unworked) up to
9" with pink baryte. = PENNANT M
Wart. Pamph 46 (1945) 122 (KED et al)

BREIDDEN HILLS, Welshpool, Mont.

See also under Shropshire.

TMH (1868) p 76. Serpentine, in porphyritic greenstone

BRYN BEDWEN, Penegoes Montgom.

[? = BRYN Y FEDWEN, qv].
SN 85 97

WWS (1848) Lode (19), with CAE CONROY. "Wkg."

BRYN BOS DDU MINE Llanidloes (?) Montgom
of BRYNPOSTEG [?≡]

WW'S (1848). Nr Llanidloes. "Several hundred tons of ore
raised but for some years has been abandoned" ①

BRYN DAIL, Llandidloes without Montgom.

See BRYN-Y-TAIL MINES

1" 128

SN

970 822

BRYNPOSTEG MINE, Llanidloes. Montgomery

= LLANIDLOES MINE]. cf BRYN BOS DDU [?≡]

See also PEARCE'S LLANIDLOES MINE

OTJ (1922) (2) Pb/Zn. p 166: 2 ml SE of Llanidloes
beside a marshy tract E of road to Tylwch.
Adit (890'00) from the dingle below Brynposteg
farm on ~~the~~ W of road, & drains to 25-30 fms.
Engine Sh. to 84 fm below adit. Levels
every 12 fm. Difficulty with water.
Lead ore, blende.

BRYNTAIL MINE, Llanidloes without, Montgom

See BRYN-Y-TAIL MINES

1" 127

SN

854

972

BRYNYFEDWEN MINE, Penegoes Montgom
of BRYN BEDWEN, [qv]

OTJ (1922) ③ Pb. 168: On a group of small
lodes 112 to the Rhosloydol lode ca 2 ml W of
the Twymyn valley & 2 ml N of Dylife. Narrow
road from Twymyn valley. Lead ore, 1857, 1858.

1" 128

SN 98

BRYN Y GAER, Llanidloes without Montgom.

See also ABER DEUNANT MINE

WWS (1848). "wkg". On Lode (7), with HAFOD FEDDGUR,
GWESTYN, BRYN DAIL, & PEN Y CLYN

NB "Pen-y-gaer" SN 908 869 1" 128, nr Aber Deunant M

BRYN-Y-TAIL MINES, Llanidloes without Montgomery. (I)

See also PEN-Y-CLUN MINE

OS 6" Montgomery 41 SE shows "Bryn-y-Tail Mines" at above loc, & some trial levels on other side of river, near 912 867-8

SRMRGB II "Ba" (1916) 70.

Baryte in a vein 12 ft wide.

Baryte is lying about in blocks at the old works by the Clywedog River & is for the most part pure white, finely xline, or granular.

Small specks galena. Good baryte also on other side of river, on slopes of Pen-y-Gaer

WWS (1848) "Bryn dail", on Lode (N), with HAFOD FEDDOUR,

GWESTYN, BRYN Y GAER, & PEN Y CLYN.

Returns bracketed with Pen y Clyn. "Working": Baryte

OTJ (1922) Pb mine, assoc with PENYCLUN
p162. On Van lode. Between it & Penyclun is
small trial — GLYN MINE [qv].

worked at two points. One dressing floor near
lode outcrop in Clywedog valley, other ~~ca~~ 1/2 mile lower
down.

Near E end, around Bryntail Farm
two sh's, Gundry's Eng. Sh 120 yds E of farm & other 120 yds
SW of farm. Adit (710' OD) 450 fm long, driven E from
the Clywedog. W. Eng. Sh near adit mouth. Baryte
worked near lode outcrop, 200 yds W of farm, to ca
20 fms. From sh. E of farm, baryte, with galena
& witherite

p45: galena "with pure, massive, & saccharoidal witherite, & some
barytes"; some pieces are drusy & exhibit xline forms, though the xls
are small & closely-packed".

BRYN-Y-TAIL MINES, Llanidloes Without, Montgom. (II).

GR (5/69) The dumps around an open shaft at ~~SN~~ SN 921 872 (NE of the farmhouse) have translucent pieces of baryte; the large dumps on the slope below the farm, at 918 870, have calcite & quartz.

1" 117

SJ 099 230

BWLCH CREOLAN MINE ^{Llanrhaeadr}
^{yn Mochnant} Montgom.
 See also CWM GWNEN etc.

SRMRGB II "Ba" (1916) 74. Phosphorite worked. Close to old workings is a prominent NW-SE vein, with galena & baryte, the latter to be seen in some abundance along the course of the vein.

AA Archer, N-F (1959) 264. 4½ ml SE of Llangynog. Small mine on lode (N-S?) with galena & baryte.

WWS (1848) Lode (33) "Working". Baryte abundant.

OS 6" map "Bwlch-y-greolen (Lead mine)" at SJ 099 230
Dovey & Smith SRMRGB 23 (1922) Pb/Zn NWales etc. BWLCH CREOLAN
galena in gozzan; with calcrete, baryte. Small. Working 1882

DC Davies (1888) BWLCM CREOLAS.

WJL (1967) Map, p237 Pb mine

1" 127

SN 761993, 763993

BWLCHYSGELLYN, Uwchygareg, Montgom.

OS $2\frac{1}{2}$ " map shows 2 "Old Levels" near Bwlchysgellyn,
at SN 761993 & 763993 respectively.

CAE CONROY MINE, Llanbrynmair, Montgom.

= TYISAF MINE | See also LLANERCH YR AUR

WWS (1848) On lode (19) with BRYN BEDWEN. "Wkg". At junction of two lodes, shaft 45 yards deep; one somewhat argentiferous.

OTJ (1922) ④ Pb 150i Near Tyisaf Farm in the Twymyn valley, 2ml S of Llanbrynmair. E-W lode, dipping N. Adit (510'OD) to S from stream E of the dressing-floors. Engine shaft to lode at 50 fm below adit. Lloyds adit, 300 yds W of engine shaft, also intersects lode. PTO

p37 TYISAF LODE. Galena in quartzose, hard slaty
matrix. Blende.

CALCOT MINE, Churchstoke, Montgom.

See also CLIFFDALE MINE

Bull 14 (1958), 14: Baryte; calcite; occas. small xls & bunches
of galena; said to be rare traces copper (mins);
quartz, rare.

Worked 1914-19 with
Cliffdale mine to which the baryte was carted
Carruthers et al. SRMRGB "Ba" 2 (1916)

CAPEL/BANHADLOG MINE, Llang^{dinam}~~gwyn~~, Montgom.

SRCWMFRON EAST MINE

CEFN DELIFE, Penegoes, Montgom.

See DYLIFE MINE

WWS (1848) On lode (15) with DWNGWM. "Wkg". p658: chalcopyrite
at the Delife mines.

CEULAN MINE, Llanbrynmain, Montgom= GEULAN [qv]

See also LLANERCH-YR-ALLR,

OTJ (1922) (6) Pb. 169. In Ceulan valley, see 1ml
W of Twymyn valley & $2\frac{1}{4}$ ml N of Dylipe. 3 lodes:
RHOSWYDOL, GRAIG GOCH or TYISAF, and the E
continuation of the main BRYNYFEDWEN lode.
Adit (900' OD) to E & another, higher, to W, on
Rhoswydol lode. To S a vertical shaft midway
between Rhosw. & Graig G. lodes. On G.G. lode
an adit (800' OD) to W. B. lode, ca 600 yds to
S, reached by a shaft.

CHIRK CASTLE MINE, Llangynog, Montgom.

See LLANGYNOG MINE(S)

CLIFFDALE MINE, Churchstoke, Montgom.

= WESTON MINE | See also CALCOT MINE

SKMRGB "Ba" 2 (1916):

Bull 14 (1958) 13: Baryte; calcite; galena; quartz. Worked 1881-1913. Calcot baryte brought hence then processed near Minsterley.

RSWB, TG. 9/4/62. Vol II p. 33. Baryte; galena; drusy quartz; calcite - rhombs incl. some purple; also yellowish radiating, with blue white phosphorescence in UV. (Half life ca 0.5 sec), some with red short-life phosphorescence superimposed

RSWB, TBG, JRK, 4/64 IV 106-7. More phosph. calcites
 Classified: Type I. Milky white or purplish, rhombic
 (LONG-WAVE UV) cleavages: Rose-red fluorescence, persistence short if any. Type II A Later generation -

yellowish, clear material, ^{sometimes} indistinct, ^{sometimes curved} cleavage: -

fluoresces greenish-blue-white with a strong greenish persistence, some samples more than others.

Type II B. Like II A but has superimposed short-life red phosph. followed by the normal greenish. ^{II B₁ long green persist} ^{II B₂ short green persist}
Dr. Seake: II A & II B both fluoresce rose-red with a faint rose-red persistence, under proton bombardment.

SW - Type I - Strong red ^{fluores} ~~phosph~~ & short red persist.
Type II Weakish blue-white fluoresc.

11 127

SH

80

CEFN MAEN LLWYD MINE ? Darowen, Montgom.

See also FRONFELEN MINE

OTJ (1922) (5) Pb 169: Exact position unknown.
Appears to be one of the small mines
on the plateau W of Llanbryn mair, which
have not been visited. Lead ore returned
1855-8, 1861.

Maen Llwyd SH 835 032

1" 117

SJ 042-4 227-233

CLOCHNANT MINE, Hirnant, Montgom.

See also CRAIG-DDU MINE, CWM GWNEN Metz.

AA Archer N-F (1959), 264. S of Llangynog. ENE lode - same
H Dewey & B Smith SRMRGB 23 (1922) lode as Craig Ddu mine.
OS 6" map. Phosphorite mine at above ref

1" 127 SN 781 994
COPA SHÔN, Renegoes, Montgom.

OS maps show hill "Copa Shôn" at SN 781 994,
suggesting possible presence of copper ore(?)

CRAIG-DDU MINE, Hircnant, Montgom.

See also CLOCHNANT MINE

AA Archer, N-F (1959), 264. Lead ore & baryte from ENE
lode (Dewey & Smith [1922] 44).WWS (1898) Lode (32) "CWM WR ISAF or CRAIG DDU". NOT wkg.GR, GS 25?/5/64. Visible from road, 06352395. Blende;
galena; chalcopryite; pyrite; pyrrhotite;
copper staining; malachite; traces linarite.
(IR: Dolomite orankerite rhombs; glassy quartz
embedded in galena)WJL (1967) Map, p 237 Pb mine

RSWB 3/74

Dumps at 057 242. Steep

black shale dumps on hillside.

Calcite veins with embedded
quartz crystals (which form good
specimens when the calcite is dis-
away in HCl - eg 74-22) Small

amounts sphalerite, galena, chalcocite.
Rifts & openings in woods at top
of dumps.

CRAIG RHIWARTH MINE, Llangynog Montgom.

See also CUOM OROG, CRAIG-Y-MWYN, & LLANGYNOG MINES, NANT-Y-BLAIDD
OCTR GRAIG M; BÉRWYN M.

SRMRGB II "Ba" (1916) 73-4. Lead mine. Dumps show baryte
e withenite.

Dewey & Smith SRMRGB 23 Pb/Zn (1922)⁴⁴ Abandoned ca 1892.

AA Archer N-F (1959) 264. Same lode as NANT-Y-BLAIDD M? (qv)
2-3ft lode with galena (Pb) e blende, with a
little baryte e withenite. Another lode,
trending a little S of E (1st lode a little N of E)
has copper ore.

WWS (1848) Lode (29). "Wkg". Lode only productive in beds
of porphyritic rock which alternate with the
shales. Has "sulphates & carbonates of baryta"

WJL (1967) Map, p 237 Pb mine [~~4 CWM OROG~~]

JRF-S (1978) 3-4 At ST 052273. ["CRAIG RHIWARTH"
also used as an synonym of BERWYN
MINE, same pH, ST 026 291.]

On same vein as CWM OROG M. but ~2700'
further E; in Ordov porphyry. Vein a little N of E,
~9' wide w. galena, sphalerite, much
baryte & witherite. A second vein
reported a little S of E, with chalcophy.
Working betw. 1846 & 1862

DE Bick (1978) 5 32

SRMRGB 30 56.

War. Pam. 46 121 "Ba..."

TM Thomas (1961) 231

M Rothwell (1998)

BMSN 50 2-5
confuses it with
OCHR-S RAIG M (qv)

1117

SJ 078 287

CRAIG-Y-MWN MINE, ~~Langynog~~ ^{Llanrhaeadr-ym-Mochnant} Montgom. (I)

M

See also CWM OROG, CRAIG RHIWARTH, LLANGYNOG MINES; LLANRHAIDR
= CRAIG-Y-MWYN MINE.

AA Archer, N-F (1959), 263.

In Rhyaiadr Valley. Closed 1911.

Discovered (Pb) 1692? Four E-W lodes,
one WNW & one NS, in a fracture belt. Lodes
contained crushed rock cemented by: quartz,
calcite, baryte & witherite, & carry galena,
cerussite, blende, & pyrite.

BRMR6B Pb/Zn 23 (1922)

SRMR6B II "Ba" (1916) 73-4 Lead mine, opened 1769, aband. 1911
Has baryte & witherite.

WWS (1848) Lodes (36) & (37). "Working". S or foot wall of

lode more distinct than the other; unproductive in the slate, but yielding galena, blende & witherite in the beds of porphyritic rock.

RSWB, TBG, JRK (6/64) IV, 125-126. Chalcopyrite; quartz; ankerite; blende; galena; baryte; cerussite, good xls.; traces linarite pyromorphite coatings (2 generations)

A Aikin "Journal of a tour through NWales and..." London (1797)
Said to have been started in 1769

Davies (1888). Wording ambiguous - perhaps = Llanrhaidr.

WJL (1967) ^{MSM} Map, p 237 Pb mine p 147, 156-8, 244.

CRAIG-Y-MWN MINE, Llanrhaeadr-ym-mochnant, M'gom (II)

JRF-S(1978) 4-5. ~~at~~ CRAIG-Y-MWYN. $\sim$ ENE belt
of veins & fractures in Ordov. worked since
 $\sim$ 1768. Quartz, baryte, some witherite,
galena, sphalerite.
Active ~~1768~~ 1768 $\rightarrow$ $\sim$ 1790; 1850-1854. Tied
1900-1903. Extensive workings.

KCD et al. War. Pam. 46 (1945) 122

TMT (1961) 231

DE Bick 5 (1978) 36

Min. Journ 1850-1854 various.

1" 127

SH 859 013

CWM BUCHAN MINE, Darowen, Montgom.

See also RHYDYRHOSAN

D.E. Bick (1978) 4, 28. Silver-lead ore
Worked pre-1868 → 1875.

J Ike Wilson 3/96. Pyromorphite with cerussite;
galena, quartz.

1" 127

SN

785 947

CWM BYR, Penegoes, Montgom.

WWS (1848). Three lodes (24) (25) (26). Small veins, with threads of galena.

DTJ (1922) (7) Zn/Pb . 153: At head of ravine
ca 2 ml ("1 ml" quoted but map shows is 2 mls)
SW of Aberhosan. Isolated lode, no plans
seen, nothing known of extent of workings.
Leadore & blende returned.

CWM FRON MINE, Llangurig, Montgomery

See also CWMFRON E. MINE

OTJ (1922) (9) Zn/Pb 170: W of road from
Llanidloes to Tylwch Stn. $\frac{1}{2}$ ml N of latter.
Adit (950'00) W from base of hill for ca 160 fm
ca 40 fm W of mouth an engine sh. to 48
fm below adit. Levels at 12 fm intervals.
Blende, lead-ore. Shallow adit on
lode near summit of hill. Another
lode near railway, $\frac{3}{4}$ ml NW of Tylwch, traced
in shallow adits.

= CAPEL BANHADLOG MINE 1"128 SN 980 809

CWMFRON EAST MINE, Llandinam ~~spring~~, Montgomery

See also CWMFRON MINE

OTJ (1922) (10), Zn/Pb. 171: Trial, $\frac{1}{2}$ ml E
of CWMFRON. Adit driven from side of
road W on Cwmfron lode. = Capel Banhadlog mine

CWM GLAN YR AFON

Llangynog

Montgom

of CWM-LAN-AFON

WWS (1848). Lode (31) N8R wkg.

~~Dewey & Smith SRMRGB 23 Pb/Zn (1972) ca 1/2 mi
to the E of Craig Rhiwarch mine, trials in
the hanging valley of Cwm-lan-afon, with
quartz on dumps.~~

NB. OS ^{6"} map shows "Glan-yr-Afon," with "Old
Level" at 041 270.

CWMGWENNEN MINE, Llanrhaeadr-yr-Mochnant, Montgomery

See CWM GWENNEN MINE

1" 117

SJ 08 22

CWM-GWENEN MINELlanthaeadr-
yr-MochnantMontgomSee also PEN-Y-GARNEDD MINE; BERWYN MINE; CLOCHNANT;
BWLCH CREOLAN M; BLAEN Y CWM M; PWLL-Y-WRÂCHGeol of Oswestry (1921) 203 Calcium phosphates first discov locally
in ravine above Cwm-gwenen Farm, 4 ml NW of
Llanfyllin.AA Archer, N-F (1959), 264.veins up to 1 ft
e chalcopryrite.Phosphorite Mine, with baryte
with galena, blende,
~~chalcopryrite~~ "CWMGWENNEN MINE"TL Phipson "Chem News" (1865) 12 219, 277. Anal. of phosphatic rocksDC Davies Geol Mag (1867) 4 251 Bed of phosphate of lime—11— Q.J. Geol Soc (1875) 31 357 Phosphorite depositsH Hicks —11— (1875) 31 369 Phosphates

The first of these phosphate deposits was
discov. in 1863 in a ravine above
Cuomgionen farm.

1" 117 SJ 065 266
CWM-LAN-AFON, Llangynog, Montgom.

cf CWM GLAN YR' AFON

Dewey & Smith SRMR6B 23 Pb/Zn (1922). Trials in
the hanging valley of Cwm-lan-afon, ca
 $\frac{1}{2}$ ml E of Craig Rhiwarth, have
quartz on dumps.

OS 6" map shows "Level" at 065 266, ca $\frac{1}{2}$
ml E of Craig Rhiwarth, above Ochr-glan-
hafon.

JRF-S(1978)4 CWM LLANAFON, Llanrhaeadr-ym-Mochnant,
SJ 066 273. 2 veins E of N prospected
~1900 & poss earlier (see Min. Journ 22/11/1851).
Breccia w. quartz, some galena & sphalerite,
in Ordov.

1" 128 SN 98 84

CWM MAWR, Llanidloes without, Montgom.

cf GORN MINE

WWS (1848) NW 1/4 (2). A vein chiefly of baryte, two
miles E of Llanidloes.

1" 117

SJ 052 273 Cr. Rhiw?
046 273CWM OROG MINE, Llangynog Montgom. (I)

See also CRAIG RHIWARTH, CRAIG-Y-MWYN, & LLANGYNOG MINES, NANT-Y-BLAIDDM.

^{consulters et al.}
SRMRGB Ba II (1916) 73-4 Lat $52^{\circ} 50' 0''$ Long $3^{\circ} 29' 30''$. AnE-W Pb vein for 3 in. from Rencraig across
Craig Rhiwarth into Rhaiadr Valley at Craig-y-mwyn.
Old levels show baryte & witherrite. $1\frac{1}{4}$ ml NW
of Llangynog Stn.Deweye Smith SRMRGB Pb/Zn 23 (1922) 42-44

(worked 1915)

AA Archer, N-F (1959) 264. Same lode as NANT-Y-BLAIDD Mine?
(A little N of E) 2-3 ft lode with baryte,
witherrite, galena, blende. A N-S X-course
has baryte & witherrite.WWS (1848)Lode (30) "Wkg". Has "sulphates & carbonates of
baryta"

DC Davies (1888) Pb mine, formerly worked

WJL (1967) Map, p 237 Pb mine. pp 158-9.

JRF-8 (1978) 3 At SJ 046 273. Vein a little N
of E in Ordov. of breccia w. quartz, baryte &
some witherite in places. galena & sphalerite
in bunches. Also a N-S vein of baryte only.
4 levels: one pocket. Active between 1850 & 1909
KED et al War. Pam. 46 (1945) 121

TMT (1961) 231

DE Bick (1978) 5 34

RSWB 80-217 Ex JI Wilson ~~ex~~ ex D. Hardman ² Harmotome
micro xls w. cruciform terminations. 052 272 "Cwm Orog mine,
Llangynog, Powys"

known to & coll
also by Roger
Hartke some
years ago.
known to Nat
Mus Wales

CWM OROG MINE, Llangynog, Montgom (II)

(Rothwell) Mason (1992) UKJMM 11 30-40.

Wulfenite orange-yellow plates to 1 mm
on baryte coll 1986 from dumps at
052 273 by R. Belton (Cooper, 1987)

4 September 1993 Cwm Orog, Llangynog, Clwyd

^{RSN (1994) 24}
The party slogged up the hill at a variety of speeds and finally congregated on the tips of the old lead mine. A number of interesting minerals were found, the most interesting being harmotome (present as the characteristic 'phillipscrewdriverite'-like crystals) with baryte and galena, some of which was associated with cerussite. A few quite reasonable samples of witherite were also found. Sphalerite was quite common and some of this was associated with bright yellow stains of (presumably), cadmium sulphides (greenockite/hawleyite?). The midges eventually took their toll and we returned to the cars (followed by the midges!) and we made our way to the Dolgellau area for the evening.

M. Rothwell (1998)
BMSN 50 2-5

RSN(2000)37, 19. Harmotome, some covered w.
"micro beryl/witherite"

1" 127

SN 756 947

CWM RHAIADYR MINE, Uwchygareg Montgom.

WWS (1848) Lode (2nd). A long adit level has been driven, & abandoned.

OS 2½" maps show "Cwm-rhaiadr Mine" around SN 755-7 947-8, high up and remote from tracks

1" 127

SN 85a 867

CWM RHICET,, Llangurig, Montgom.

See also MAES-NANT; RHYD Y BENNWCH

WWS (1848) Lode (12) "Working" . p. 658. chalcopysite
 pbb1-2 (Chalcopysite) "in the vein of Cwm Rhicet above
 Llanidloes, which runs for some distance in the bed
 of the Severn, it is also alone, but not very
 abundant.

OTJ (1922) CWMRICKET = MAESNANT (8) Pb/Zn
 M1. Small mine on a branch of the
 Nantyricket lode, 11² to Van lode & crossing
 R. Severn ca 1 mi to W of it. A shaft to
 S of lode yielded galena, blende.

p47: Map; descrip. of code branching, etc.

CWM RICKET MINE, Llangurig Montgom

See CWM RHICET

CWM WR ISAF MINE, Hiranant, Montgom.

See CRAIG-DDU MINE :

CYFARTHTA MINE

~~NANT-DDU MINE~~, Renegoes, Montgom

See ~~CYFARTHTA MINE~~ NANT-DDU MINE

DELIFE MINES, Penegoes, Montgom

See DYLIFE MINE

= WEST WYE VALLEY MINE 1"127 SN 823 848

DOLMINERS MINE, Llangurig, Montgom

See also NANTYGWRDY MINE.

OTJ (1922) Assoc. with NANTYGWRDY MINE, (31).

p165. Sme W of Llanidloes. Vent. shaft to
80 fms.

DWNGWM, Renegoes, Montgom.

See also DYLFIE MINE, cf DYFNGWM MINE (qv)

WWS (1848). Lode (15) (with CEFN DELIFE). "Wkg". Powerful
but very hard lode.

DYFNGWM MINE, Penegoes, Montgom(I)

cf DWNGWM [?] See also DYLFIE MINE

OTJ (1922) (12) Pb/Cu. p154: Map. ^{See Plans File} p156: Near
 deep ravine of R. Clywedog; ca 1 ml SSW of
 DYLFIE. On southern or Dyfnwgn branch
 of the Dyfnwgn-Dylife lode-belt. Early from
 shaft 250 yds W of Pen Dylife shaft on same
 lode, later a deep adit (1310' OD) from side
 of valley, N to the lode. Lode has galena &
blende; with a considerable proportion of
copper-ore. p38. On brow of steep slope overlooking

The river the S part of the lode [belt] separates & proceeds
along the face of the slope through DYFNOM mine
towards Pen Dylife, where worked from DYLFIE.
Outcrop shown by numerous opencasts & shafts &
most of the dumps have galena with much blend
& some chalcopryite, cerussite, & pyromorphite.
Mixed quartz; calcite, in dumps of Dyfnogwm mine

RSWB 12/5/68 V 116-7 wulfenite, linarite, brochantite,
cerussite, pyromorphite, quartz, galena.
J.G. Raybould, PhD Thesis, Aber., (1973). Chalcopryite,
sphalerite, galena, quartz.

DYFNGWM M., Penegoes, Montgom. (II)

Sed Rust (1987) Rock Bottom 2, 28-32. "Micro minerals from Dyfnigwm mine".

On ~EW vein branching S from main DYWIFE vein. Worked for ~1.5 km & down to 203 m. Poss. Roman, worked 1770, 1840-70. Tined 1930's.

Described minerals found 1985-6 on the dump just S of opencut workings.

Anglesite xls $\rightarrow$ 1.3 mm; ankerite; brachantite; caledonite, divergent prismatic, also botry xline $\rightarrow$ 1.7 mm ass. w. other Pb sds; cerussite $\rightarrow$ 1 cm; chalcophyllite [confirmed BMCNH] xls $\rightarrow$ 0.2 mm on one spec, with lang, brock, covellite; chalcopyrite; covellite ✓

coatings, rarely as micro-hex xls; devilline (?) xline
botry (w. h'z of thin hex xls. packed tightly; crust
of Fe, Mn oxides; galena, some cubo-oct $\rightarrow$ 4mm;
→ hydrocerussite & rare zoned white/c'less prismatic
Conf. BM. xls of Δ x-section, rarely divergent xls in masses
 $\rightarrow$ 8mm; hydrozincite, common crusts;
langite, ψ -hex $\rightarrow$ 0.6mm & ψ -cubic & distorted ψ -octa;
Tautenthalite (confirmed BM(NH)) bladed green xls
 $\rightarrow$ 0.7mm & tabular $\rightarrow$ 0.5mm, of v. late generation,
assoc. w. ceruss, lang, angles etc; leadhillite,
tabular ψ -hex $\rightarrow$ 0.7mm; linarite, good xls rare
 $\rightarrow$ 1.2mm; malachite; posnjakite (?) tentatively
ident, v rarely, as ψ -trigonal elongated xls; pyrite;
pyromorphite; quartz; smithsonite, micro
botry; sphalerite; "sericite";

DYFNGWM M., Penegoes, Montgom (III).

wroewolfeite, v. rare thin to thick tabular
xls $\rightarrow$ 1 mm; wulfenite.

"Partly known", sent to BM(NH): "33 A" XRD $\rightarrow$ a poss
mixt of $2 \times \text{Zn}(\text{OH})_2$'s - confused pale blue
v thin petal-like xls w pearly lustre. V. rare.
Microprobe shows major Zn; some Cu, S, P, Si, Na, Pb.

"38 A" XRD near known compound $6\text{Zn}(\text{OH})_2 \cdot \text{ZnSO}_4 \cdot 4\text{H}_2\text{O}$.
V. rare, clear to light greenish blue prismatic
cone-like xls $\rightarrow$ 0.25 mm in crusts $\rightarrow$ several mm.

"39 A" XRD $\rightarrow$ near spangolite, but looks rather
like ramsbeckite - v. rare, emer. green rhombic
xls $\rightarrow$ 0.7 mm, some rounded xls; an. with lang.
broch, angles e lauenthalite.

"44A" XRD near spangolite — v rare light blue-green $\rightarrow$ bright blue rosettes of thin "hex" xls in masses $\rightarrow$ several mm, looking like the $\text{Zn}(\text{OH})_2$ but more ordered & habit, less lustrous.

"Unk. mins not sent to BM(NH)" D1 $\rightarrow$ D6.

Paragenesis chart given.

S. Rust, pers. comm. in Livingstone et al (1970) J. Russ. Soc
3 (1) 23-4. Schultenbergite, namuwite

S. & D. Rust, (1986) BMS Newsl. 16

DYFNGWM MINE, Penegoes, Montgom (IV)

(Rothwell & Mason (1992) UKJMM II 30-40)
Wulfenite recorded by Jones & Moreton
(1977), minute yell. xls on pyromorphite

After lunch (not liquid!) we set off to PenDylife over the hill towards Dyfngwm. Here at the open cuts we found cerussite and linarite which were quite abundant in one area, as well as smaller amounts of malachite. All were rather tired so we didn't make it as far as Dyfngwm. Six o'clock saw us back to our 'digs' and later, a sociable evening in the 'Angel' where we had some splendid food.

22 (1986) 27
R5N

"PenDylife" is the hill between Dylife & Dyfngwm. The workings are the "upper workings"

→ 8 RSWB 12/5/68; I 1167

S. Rust BNSN (1988) 24, 14

Namuwite, tr'lucient
pale bl-green hex, ass
w. Schulenbergite.

DYLIFE MINE, Penegoes, Montgom. (I)
= BLAEN TWYMYN

See also DWNGWM, ESGAIR GALED LODE, LLECHWEDD DDU LODE

See Plans File.

OTJ (1922) (13) Pb/Cu/Zn. 154: Map; 3 lodes worked:

Llechwedd Ddu lode - Llechwedd Ddu Shaft in valley opposite Rhanc y mynydd cottages, Bradford Sh. 380 yds ENE.

Pencerig lode - northern. Shaft 200 yds NW of Bradford Sh. Lead ore near surface, only blende lower down. Copper ore.

Dyfnigwn lode - southern. $\frac{1}{2}$ mi S of Dylife, reached by adit X cut (1240' OD) from near Llechwedd Ddu shaft. Communicates with Dyfnigwn workings E.g. lead ore, blende, copper ore.

WWS (1848) On lode (15) with DWNGWM. Named "CEFN DELIFE". Working. p. 658: chalcoppyrite at the Delife mines"

OTJ (1922) 38. Dyfnwgwm lode [See also DYFNWGM MINE]
has blende, galena, chalcopryite, cerussite,
pyromorphite. Other lodes: quartz; blende;
galena

RSWB (1/68) V, 100-101; (5/68) V, 117 Wulfenite on
pyromorphite (both x-rayed, BM) on dump at
853938. Dumps near 862, 935: quartz,
calcite, galena, blende, chalcopryite,
hydrozincite, linante, serpentine (IR, BM x-ray)
(*) Dorchester hydrozincite, hemimorphite xls; devilline on
calcite; jarosite coatings.
Around 853939. Linante (vg xls); langite xls;
brochantite xls; devilline (IR; $G > CHBr_3$) looking like
aurichalcite, on quartz-galena-chalcopryite.

DYLIFE MINE, Penegoes, Montgom. (II)

D.C. Davies (1888): An important 19th Cent
Lead mine.

J.G. Raybould, PhD Thesis, Aber., (1973)

DYLIFE LODE-BELT, pp 73 ff.

DYLIFE MINE:- On dumps, chalcopysite
and carbonate minerals. Quartz,
sphalerite; galena; ankerite.

LLECHWEDD-DDU LODE:- galena; sphalerite;
quartz; chalcopysite; ankerite.

ESGAIRGALED LODE:- Sphalerite; quartz;
galena; chalcopysite; ankerite.

"The Mines & Minerals of Mid-Wales"

Jones & Moreton (1977) Aurichalcite, with
calcite; azurite; brochantite; cerussite;
calcite; chalcopyrite; chrysocolla; galena;
greenockite; hemimorphite; linarite;
malachite; manganocalc; pyrite;
pyromorphite; pyrrhotite; quartz; gypsum;
serpentine; sphalerite; wulfenite.

D.E. Bick (1975) "Dylife" History, descrip.
Survey of 5 adits

MA 82M/3734. NJM Moreton. Metal mines of the
Brit. Isles No 1 - Dylife. J. Russell Soc (1982) 1, 8.
Wulfenite, azurite, linarite, brochantite,
greenockite, nodular sphalerite. Short
prismatic pyrrhotite to 7 mm in vein breccia.

DYLFIFE MINE, Renegoes, Montgom (TTI)

Bevins & Sharpe (1982) NMW 78.336.M166
Bornite w. chalcopyrite

S. Rust, pers. comm. in Livingstone et al (1990) J. Russ. Soc 3(1) 23-4
Namuwite

S. A Rust UKJMM (1992) 11. Ramsbeckite

(Rothwell & Mason (1992) UKJMM 11 30-40.
Wulfenite on large dumps at 860 940 opposite
the Star Inn (Ident xRD; BM(NH)).

S. Rust, BMSN (1988) 24, 14. Mimetite, class → gobyell to 0.75 mm.
Chalcopyllite, typical to 0.5 mm w brock eserpier (Both xRD, BM)

Bevins (1994)

Chalcophyllite, mimetite
~~is this the PYRROUSITE find? No!!~~

R. Soc. N. (1994) 25
Dylife Mine, Llanidloes, Wales [Grid Ref:
SN 861 940] - 19 June 1994

WWB, Leader: Gwyn Billington

Four members (including the leader) turned up in cold miserable conditions - driving rain and low mist. We were surprised to see about 100 vans parked along the road - but that was due to a rally taking place. Collecting conditions were hampered considerably by the weather, but plenty of galena and sphalerite is still in evidence. Chalcopyrite/pyrite and quartz were also noted. One piece of crystallised quartz with terminations up to 35mm was collected, although somewhat bruised. All in all there was a rather disappointing lack of support from the membership.

RSN (1995) 27

at the Star Inn at Dylife on a cloudy morning to spend some time along the banks of the stream which flows through the tips at Dylife. As the day slowly turned sunny, we collected the cubo-octahedral galena and sphalerite which were plentiful in large pieces. Small amounts of

hydrozincite were also found as well as a large piece of quartz which, with a bit of cleaning up, promises to be a fine specimen.

RSWB FTIR 7/98 Some "cubic"
looking "langite" xls coll 5/68
= Wroewolkeite [unusual
habit, large for the species]

1127

SN 84 93

ESGAIR GALED, LODE, Penegoes, Montgom.

See also DYLIFE MINE

WWS (1848) Lode (17) "Wkg". Averages 15 feet wide, & has been productive in former times. Returns mixed with LLECHWYDD DDU.

p 39. The N lode branch in DYLIFE mine.
Quartz; much blende; copper pyrite, galena,
dolomite, calcite. often speckled
 with ore minerals.

Also known as the PENCERIG LODE

J.G. Raybould, PhD Thesis, Aber., (1973). Sphalerite;
quartz; galena; chalcoppyrite; ankerite.

1" 127 S H_{or}N 8 0 ?

FRONFELEN MINE ? Darowen, Montgom.
See also CEFNMAENLLWYD MINE

OTJ (1922) (14) Pb. 172: Position unknown. Prob.
on plateau W of Llanbrynmair [cf cefnmaenllwyd]
~~172~~

GALLTYMAIN MINE, Meifod, Montgom

See MEIFOD.

GEUFRON MINE, Llanidloes, Montgomery (I)

WWS (1848). Lode (6). "Wkg". Small but promising
lode of galena & chalcoppyrite

OTJ (1922) (15) Cu mine. 173: Ancient mine, on
Van lode, where it descends into Severn valley
ca 4 ml above Llanidloes. Adit x cut (950'00)
E on lode. Shaft in shales. Chief
product copper pyrite with iron pyrite, calcite,
siderite, & nests of minute quartz xls.
No evidence that any galena or blende
recovered. Said to be a deep adit (ca 800'00)
in lode, near Geufon farm.

p46. N of the Severn (Hafren). Chalcoprynite, with malachite & pyrite, assoc with calcite and siderite, are fairly abundant. To the W, the lode (Van lode) branches. The N branch - HAFOD FEDDGAR LODE [See HAFOD/FEDDGUR], exposed in ravine N of the farm, & tried in an adit. Has more galena, with "rather abundant cerussite", otherwise similar to lode in genfron. Other branch, is 300 yds to S.

Map, p47

RSWB (1/68) V 100. Smallish shale dumps, with chalcoprynite; cuprite massive; cones in malachite. Malachite common

GEUFRON MINE, Llanidloes, Montgom(II)

GR (5/69). Small Cu mine in a steep gully; dumps have quartz, some calcite; chalcopyrite (often in sphenoidal xls); much fibrous malachite.

22nd July 1989 Guefron Mine, near Llanidloes, mid-Wales. Leader: Gwyn Billington. Thirteen members assembled by the roadside verge adjacent to the old spoil heaps which soon yielded specimens of

linarite, malachite and chalcopyrite crystals. Massive chalcopyrite vein stuff was found 25mm wide and also minor quantities of sphalerite and galena. The open mine adit near the base of the dumps was flooded (even after the dry summer months) so was not explored*. As most of those present had not been to this site before, all were well pleased with the material collected. The meeting ended at 4.00pm.

G.B.

[*Editor's note: the adit was explored by the Society in May 1974, see Newsletter No.2 p15.]

(Rothwell & Mason (1992) UKJMM 11 30-40. Small
Cu mine at 885 887; massive malachite,
azurite & copper (nat) on upper dumps
below lode outcrop. Wulfenite on
one spec coll 1986 - lemon-yell tabs to
1 mm, partly embedded in a 2-3 mm
crust of botry. malachite. Lining a
cav. in "limonite" gozzan

Bevins (1994) Connellite
DI Wilson & Mark Colledge 4/95 Spec's →
RSWB for ident. good malachite;
brochantite (FTIR); excellent langite xls (FTIR),
sky-blue fibrous ? cyanotrichite (near-FTIR).

GEUFRON MINE, Llanidloes, Montgomery. (III)

RSN(1997) 31 16-17. At 887 & 857. Ch'py, linarite,
brachantite; small xls cuprite (1-2 mm).

RSN(2000) 37, 19. Much scattered blue & green, but
v. thin. Mal, linar, chrysocolla

GEULAN, Llanbrynmair, Montgom.

= CEULAN, qv.

WWS (1848). Lode (18). "Wkg".

1" 127

SN 85 82

GLAN SEVERN MINE, Llangurig, Montgom

See also NANTY MINE
of GLANSEVIN M., Carm. (SN 7328)

GWH(1971) 31 (footnote) W J Lewis [1967]

confuses GLANSEVIN MINE, Carm.

SN 7328 with GLAN SEVERN MINE,

W. Montgom., on R. Wye opposite

NANTY MINE [SN 853 822], & active

in 1873-1874.

1" 128

SN 924 873

GLYN MINE, Llanidloes without, Montgom.

See also BRYN-Y-TAIL MINE

OS 6" Mont 41SE shows "Glyn Mine" at above loc.

OTS (1922) Small trial assoc with BRYN-Y-TAIL
mine & between it & PEN Y CLUN mine.

GORN MINE, Llanidloes without, Montgom.

of CWM MAWR

RG Carruthers et al

SRMRGB II "Ba" (1916) 6g. 1½ ml E of Llanidloes. Old shafts on S flank of Gorn Hill. Galena, zinc blende, baryle, witherite is the most abundant min. on tip. Worked mid-19th cent.; reinvestigated in 1912.

WWS (1848) "Wkg" Lode (3). Galena, blende, witherite. The latter on the "burrows". E of Llanidloes

OTS (1922) (16) Pb 173: Worked up to surface on Gorn Hill 1 ml E of Llanidloes Stn. A deep adit (650' OD) driven W from valley to E. Main lode is galena + blende, no Ba minerals, but near mouth of deep adit, another

lode obliquely from S, of clay, with large
lumps of bauxite intergrown with witherite.
NOT poss. to keep a level open in this
lode.

SN 87 97

GRAIG GOCH LODE, Llanbrynmair, Montgom.

TYISAF LODE. | See CAE CONROY MINE

See also CEULAN MINE

GWESTYN MINES, Llanidloes without, Montgom.

OS 6" Mont 418W shows "Gwestyn Mines" at above loc.

WWS (1848). Lode ⑦ "Nor wkg". Also on Lode 7 are
HAFOD FEDDGUR, BRYN Y GAER, BRYN DAIL, &
PEN Y CLYN.

OTJ (1922) p 45. Old abandoned mine, on Van Lode
[between ABERDAUNANT & GEUFRON mines.
galena & blende on dumps.

[NB both ABERDAUNANT & GEUFRON mines have
supergene minerals of interest]
Map. p 47

1" 127 SN 870-4 858
HAFOD FEDDGAR, Llangurig, Montgom.
See also GEUFON MINE

WWS (1848). Lode (n) "Wag". Small quantities
of copper ore have been raised
here.

On same lode: GWESTYN, BRYN Y GAER,
BRYNDAIL & PEN Y CLYN.

OTJ (1922) p 46 HAFOD FEDDGAR LODE. N branch of
Van lode immed. W of GEUFON MINE, qv.
Similar to lode in Geufon, but more
galena & "rather abundant cerussite"
[Geufon: malachite, chalcopryite, pyrite, calcite, siderite].
Map: p 47

RSWB, PT (1/69) V, 131. Could only find flooded
shaft & adit in stream-bed, with very small
thoroughly overgrown dumps, near 87, 858

HYDDGEN MINE, Uwchygareg, Montgom (I)

OS 2½" map shows "Hyddgen Lead Works" with shafts & levels, centred on SN 783 908, with other shafts & levels to S and SW as far as Nant y March [qv], ca 1½ mi to the NNW is an old level by the waterfall on Afon Hengwm below the Bwlch Hyddgen rock face - at SN 774 933

J.G. Raybould, Ph.D. Thesis, Aber., (1973)

p 73 ff ~~318/2/24~~ Dyflife lode-belt: - S of Hyddgen farm ruins [780 909], dumps, with small amounts chalcopryrite, galena, some sphalerite, in thin veins quartz & ankerite

At 7860 9010, three trial adits & shaft. Very
quartz; no ores seen.

p 87: HYDDGEN MINE. Few samples obtain^{able}~~ed~~.
Well-crystallised white quartz; galena;
a v. small amount chalcopyrite; some
sphalerite; pinkish ankerite in cavities
in quartz. Some cavities, ca 5 mm across,
have arsenopyrite as 20μ inclusions
in galena. A few 30μ xls of
cobaltite in one cavity, partially
enclosed by arsenopyrite, also a
 $70-80\mu$ cube of pyrite.

Cotterell, J. Russ. Soc. (2009) 12, 15-25 [see (II)]
and refs cited therein.

HYDDGEN MINE, Llwchygarneg, Montgom (II)

[Cottrell, 2009]. Details, history etc. Foster-Smith (1978) gave names to 5 workings here: Hyddgen, ESGAIR-LAS, LLECHWEDD MAWR, BANC-LLWEST and BRYN MOEL (which caused confusion with part of DYLIFE mine). Ball & Nutt (1976) and Jones & Moreton (1977) used separate names for workings only $< 300\text{m}$ apart on either side of the stream at SN 784 907 & 781 906 on HYDDGEN & LLECHWEDD MAWR respectively. Trials a little to S on EW fault [SN 7695 8997 in W to 7861 9011 in E] $\rightarrow$ Quartz at W end, rich oxidised Mn ~~at~~ trials on E. Lithiophorite at 7852 9011

E of Hyddgen trail on N side of stream at
78879096 has trace goethite only. Quartz
at another level nearby. Jones (1922)

reported psilomelane in trail $\frac{1}{2}$ mi S
of Hyddgen. Others reported sec'y Mn Oxides.

At 7770 9016 quartz veining, minor
lithiophorite (thin on qtz, feathery xls on mudstone)
with traces chalcophanite.

Overgrown trails at 7768 9018 have massive
metallic grey cryptomelane, stalact aggs of
ramsdellite xls, platy chalcophanite xls.

LLANDYSILIO, Montgom.

[NOT = LLANTYSILIO nr. Llangollen SJ14]

CB Wedd et al. "Geol of Oswestry" Mem. G.S. (1929). Old
trial shafts for haematite on shales,
near Rhysnant Hall (SJ 256 178) and
Cefn-briw (SJ 250 181)

LLANGYNNOG MINE(s) Llangynnog, Montgom. (I)

See also CWM OROG CRAIG RHIWARTH, CRAIG-Y-MWYN MINES,
 OCHR-GRAG MINE, CRAIG-DDU MINE, ~~the~~ LLANRHAIADR; NANT'Y
 BLAIDD etc

SRMR6B II "Ba" (1916) 734. E-W fault filled with quartz
 with abundant galena, $\frac{1}{3}$ ml S of Llangynnog Stn.
Blende. Baryte & witherite occur sparingly.

AA Archer, N-F (1959) 263. Main lode (E-W) has galena,
blende, & a little chalcoppyrite, assoc. with
quartz, calcite, & some baryte & witherite.
 Said to have closed in 1877

Deasey & Smith (1922) 40. Dunham & Dines (1945) 121.
 Argentiferous galena.

WWS (1848) "Llangynnog" Lode (28), discovered near the

end of the 17th century, and was 2 yards wide
of solid ore. Working - a big mine. Lode only
productive in beds of porphyritic rock which
alternate with the shales. Has "sulphates
and carbonates of baryta". Baryte & witherite (pb60-1)

RSWB TBG, JRK (6/64) IV 123 "S. Llangynog Lead mines" around
SS 653 256 Calcite, dolomite, ankerite, siderite;
quartz; galena; chalcopryrite; blende;
hydrozincite; in rare gozzan, traces
cerussite; & linarite. (GR, IR - colourless rhombs
= dolomite or ankerite)

Pennant, T. "A Tour in Wales in 1778" London (1778). Pb ore
discov. in 1692 in a wide vein.

LLANGYNOG MINE(S), Llangynog, Montgom (II)

J. Williams "The Nat Hist of the Min'l K'gdom" 2nd ed, vol I, Edinb. (1810)

Had a "five-yard wide rib of ore which required no dressing".

A. Aikin "Journal of a tour through N. Wales...." London (1797)
States that the rib of ore referred to above ~~was the~~ occurred at what became Llangynog mine. Worked 1797 for lead & calamine (? smithsonite)

D.C. Davies (1888) mentions "the 'Old Mine,' commercially known as the New Llangynog Mine" & also mentions Craig y Mwynn, Llanrhaidr, & Cwm Orog mines.

Phosphate deposits: see CWM-GWNEN MINE etc.

LLANGYNOG MINE = CHIRK CASTLE MINE (1852-60).
= PENGWERN MINE = EAST LLANGYNOG MINE =
NEW LLANGYNOG MINE = S. LLANGYNOG MINE
of OS 6" map

Dewey & Smith. SRMRGB 23 (1922) Pb/Zn etc. Last
worked 1877.

WJL (1967) Map, p 237. Pb mine
RSWB 5/79 Sphalerite - ^{complex} peculiar tetrahedral
crystal aggregates sprinkled with
tiny calcite xls. - "SOUTH LL. Pb. MINES" dumps.
RSWB, Stuart Clark 1/3/81. Trace Co-stains - S. LL. dumps

1" 127

SN 864 980

LLANERCH YR AUR, Llanbrynmair, Montgom

See also CAE CONROY, RHOS Y GWIDOL

WWS(1848) On lode (20), with RHOS Y GWIDOL. "Wkg".

OTJ (1922) (17) Pb. 151: Section. Has also
 been called TYISAF [cf CAE CONROY]. $3\frac{1}{4}$ ml
 W of CAE Conroy. Worked from adit X-cuts
 driven S from steep slope of CAE Conroy
 valley. Shallow adit (1,220' OD) [from which
 levels reckoned]. Levels: 10, 20, 30 fm (=
 middle adit 1010' OD), 40, 50, 65, 75, 85 fm (= Deep
 adit 720' OD), & 100 fm.
 p36ff. Quartz, galena; blende in the Llanerchyrour

lode in the Ceulan Valley [~~of~~ CEULAN MINE]

WJ Hughes N-F (1959) 277. Galena lodes, with
sphalerite & chalcopysite

MONTGOM. SN/89. 1"127.

→ RSWB Mer? Mont?

"A Lode in Montgomeryshire"

* Anon. Mining Mag. 1956, 95, 151

SH 8800

The Llanerchyrour lode is part of a mineralized fracture zone extending from a hill west of Tyisaf, in the Pennant valley, 2 miles south of the village of Llanbrynmair, to Banc Rhoswydhol, a distance of 2 miles. The mineralization is Pb/Zn. The lode runs E-W & W of Llanerchyrour it can be traced through open cast trials & adits known as Cytiaur Geifr into a narrow valley & out into the valley of the Ceulan. At the Ceulan end there was a mine of the same name, the lode here carrying more sphalerite. Outputs have been recorded from 2 mines in the area:

Llanerch Mine, 1852-73 + 1875-77 + 1879-81 - 5493 tons Pb
+ 36,000 of Ag

Rhoswydhol Mine, 1846-53 + 1868-71 + 1873-77

3022 tons Pb + 4560 oz Ag.

LLANGYNOG M's, Llangynog, Montgom. (III)

RSCN (2000) 37, 19. Disused Q + old dumps of LL. MINE
Hemim in quartz vein, aurichalcite

M. Cooper et al (2009), MM, 73, 235-250
Steverustite, assoc with
bochererite. "1 of 2 samples"

1"128

SN 95 84

see
gen from
↑

LLANIDLOES, Mont.

[LLANIDLOES MINE = BRYNPOSTEG MINE, qv]

See also PEARCE'S LLANIDLOES MINE

TMH (1868) p 76. Lr. sd. Amphibole; galena; malachite;
chalcopryrite.

LLANIFYNU, Llangurig, Montgom.

See NANTY MINE

LLANRHAIDR MINE, Llangynog, Montgom

See also LLANGYNOG M's; NANT Y BLAIDD M; CRAIG Y
MWYN M.

D.C. Davies (1888) mentions, at Llangynog, "an
old mine, now called Llanrhaiadr"

LLANYMYNECH ^{HILL} ^{MINE} ~~Llanymynech Shrops.~~ (I)

B. Gazz: 6 m SSW of Oswestry.

Llanymynech, Montgomery

SRMRGB xxx "Cu..." (1925) p. 28:

See also CRICKHEATH HILL; LLYNCHYS HILL.
(both Shrops).

O. Davies, "Roman Mines in Europe" (1935) p. 159: "Llanymynech is assuredly Roman."

GS 6" map Shrops 26 NW. Roman Cu workings & Cu level on northern L.L. Hill, N. of L.L.

TMH (1868), 66: Llanymynech Hill. Mill gr & Carb. lim. Blende;
calcite; cuprite; malachite; "calamine"
(smithsonite)

p. 76: Llanymynech Hills, Montgomery: Mins as above.

Geol (1858), 311. Malachite, plumose; calcite; stalactites

CB Wedd et al

Geol of Osirestry (1929) III. Carb Lim of L. Hill. Near W escarp, S of ancient camp, wks. of a Roman Cu-mine along SSW vein. A modern adit goes horiz. into dip slope of Limest. & under Roman wks from a point 100 yds E of them. Also Roman adit = "Ogof" opens N-ward into a caldron-like depression - floor boulder clay. Cavern collapse? W escarp has good expos. of Lower Limest.

p194: Pb veins (one generally galena, less commonly cerussite) in Carb Lim in elevated tract of Hynclys Hill, Crickheath Hill & L. Hill. At L. Hill Pb got from Roman wks & other veins further N. V's trend chiefly NNE & ENE past Ogof, others followed to E side of hill by Romans. Also worked another vein (NNE) nr. W margin of hill in N part, by underground galleries & from surface. A much later adit ("old Lev." of OS 6" map) driven horiz for 100 yds N of W right under Rom. galls, & from it, shaft driven up into ancient workings. In recent times, Pb also got a little farther N by galleries running WSW & W from quarries at E end & S side of

HILL Carreghofa, Montgom
LLANYMYNECH MINE, ~~Carreghofa, Straps~~ (II)

Crickheath Hill, WSW, being 11² to a Pb vein worked at or near surface on N side of "that small eminence." All abund.

Zn prob worked by Romans ~~at~~ at L.H. with Cu & Pb. Then not until mid-18th cent. Carbonate [smithsonite] in assoc. w. Pb more abundant than blende.

Chalcopryte ~~occasionally~~ mined & small qtz & Cu as green stains (malachite). Galena, less commonly smithsonite ~~cerussite~~

RSWB, 7/4/62. Vol II, p. 30. Dumps nr 264 218-9 - calcite, weathered but clear obtuse trigonal habit dog-teeth. Dumps of "Old level" at 266 223 barren. Ancient dumps above, nr 265 225 have weathered botryoidal

malachite on limestone. One spec. aurichalcite -
pale blue-green sheaves on limestone.

W. Campbell-Smith

Spec. in Pennant Coll., referred to in MM(1913) ~~116~~ 331

Rhodochrosite, pink with grey copper ore. [?chalcocite]

Ident. by Arthur Russell [cf. "The Hon.

Mr West's Mines, nr. Oswestry"] Specimen
was labelled "Red & grey copper"

W. Phillips (1823). Cuprite var. "lile ore".

WJL (1967) Map. p 237 'Pb mine

GR, GS, RNP (6/65) Dumps at 265, 218₅ (between the
golf clubhouse & the barren 1st q'y at 265 217): encrusting
earthy malachite & (azurite + quartz $\frac{2}{3}$, IR), weathered
felted crusts aurichalcite (IR).

LLANYMYNECH HILL, Carreghofa, Montgom. (III)

R. Warner "Wales" (1799) p193-4 LLANYMYNACH HILL, of
calcareous marble, mined by Romans for
copper lead & calamine which abound
here. [Warner uses "calamine" rather
loosely]

RSWB, WEB, JIW, (2/4/96). Explored Ogof (at
SJ 265 222). Entrance hall, with workings
off, containing calcite etc. In ent. hall
small but good spec's aerichalcite
growing on blobs malachite (Zn-low; ATTCM test)
& overgrown by Zn-free calcite (ATTCM). - from

roof overhang opp. entrance. From W
end of high-up gallery on S side of
ent. hall a small patch has azurite
mixed with grey Cu ore - ?-chalcocite.

Native informed us of two flooded levels,
"revealed by a pipe" in the wooded
slopes to the NNE of Ogof.

LLECHWYDD DDU LODE, Penegoes, Montgom.

See also DYLIFE.

WWS (1848). Lode (16) "Wkg". A rich lode, regularly worked.
Returns mixed with ESGAIR GALED. Calcite
"in combinations of prism & rhombohedron, sometimes
very singularly grouped together"
p. 39: At DYLIFE MINE - S branch of N lode;
~~also known as the PENCERG LODE~~

JG. Raybould, PhD Thesis, Aber., (1973) galena;
sphalerite; quartz; chalcopryite; ankerite

LLOCHES Y LLADRON, Llangurig, Montgom

See NANTY RICKET MINE

LLYFNANT VALLEY, Isygarreg, Montgom

See also under Ysgubor-y-Coed pH, Cardigans.

OS 2½" map shows "Old Levels" near Ty'n-y-graig, at SN 710979 and SN 715977.

Also others S of stream, in Cardigans [qv]

GS map shows parallel veining along the valley

MAES-NANT, Llangurig, Montgom.

See also CWM RHICET

WWS (1848). Lode (11). Not wkg.

OTJ (1922) = CWMRICKET [see CWM RHICET]

1" 117

SJ ~~15~~ ~~13~~
163 144
Montgom. (I)MEIFOD, Meifod.WWS (1848) Lode (34) Not wkg. Baryte abundant.WJL (1967) Map, p 237 Lead mine- ALLT-Y-~~MAIN~~ ^{MAIN}
P157, 1591" OS map "Allt y Main" is a hillside centred
on SJ ~~163~~ 165 150, ca 1 mi NE of MeifodD.E. Bick [5] (1978) 44. ALLTYMAIN = GALLTYMAIN
(163 144). Trial nr. Meifod, aband. before
1751, with 5 ft baryte vein. Working again
~ 1769; tried ~ 1845. DE Bick saw trial level

in 1962 nr hilltop ~50 yd E of main lode,
where shaft & open cut visible. Photo
of excellent transparent terminated
baryte xl - fat Silverband habit, matchbox
size.

JRF-S(1978) 32 ALLT-Y-MAIN = MEIFOD, Melfod pH [Typog. error]
Trials for Pb, 1745, but f. extensive before then.
Small scale working ~1760 - nothing since; no
details or figures known.

RSWB & JIW 13/1/80 Explored thick forest around
forestry track high up on Allt-yf Main, to no
avail. Eventually met farmer from

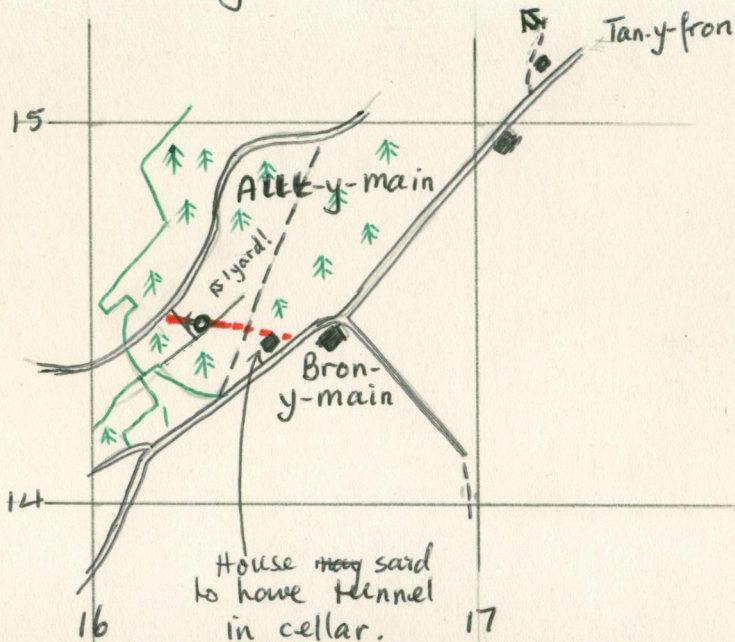
MEIFOD, Montgom. (II)

Bron-y-main who took us to two areas:-

- (i) ~ 163 145 where shaft with a level off on baryte vein (vein strikes a little W of W). Overgrown open casts above? One spec. clear but battered baryte xls picked up, with peculiar inclusions - bronzy-brownish. ~~flattened~~ feathery-rectangular. Nearby (a little to the E) a trial for ~ 1 yard! Farmer seemed to remember more workings nearby (a little to the W?) but not found (very jungly)

(ii) Finely cut adit near road behind Tan-y-fron, ~~at~~ near 172 153. Nearly straight for v. approx 400 ft to end; on left < 100 ft from entrance a side tunnel which curves to right, has a flooded shaft in floor and then ends after a few yards. Almost barren, apart from bats! Thin green band of Cu stain in flooded shaft; & traces elsewhere. Small stalactites some w. greenish streaks, are calcite (IR). Some barite; small cubes pyrite. gypsum efflorescences. ^{At very end small clear rhombs} ferroan calcite (IR) on quartz on rock

MEIFOD, Montgom. (III)



Revisited shaft, 10/2/80. Level off on vein,
to WNW ~ 15 ft down is short, has massive
baryte. Shaft ~ 25 ft deep, floor of deads;
vein outcrops on WNW & ESE walls. Some
dug away from ESE wall - massive creamy,
off-white baryte. occas. ^{clear} silverband-habit
to "anglesite" habit ^{crystals} in vugs ~~the~~ (clay-filled) &
on joint surfaces - largest found ~~ca.~~ ca.
2x2 inches. Some goethite var. "limonite";
a little galena. Inclusions in baryte include:
chalcophy; some → goethite; ~~even iron included~~; also
feathery-bronzy-platy material (?-marcasite) or pyrrhotite.

1" 127

SN 82 94

MOEL FADIAN MINE, Renegoes, Montgom

OTJ (1922) (18) Cu mine 174: Trials for Cu in
the rocks called Creigiau Esgairfochnant
near Glaslyn Lake, 2 mls W of Dylife. Several
small adits.

[Glaslyn Lake is around 825 941.]

1" 127

SN 851 985-7

MOELFRE, Darow-en, Montgom

See also RHIW GRIAFOL

OS 2½" map shows a N-S kush at SN
851 985-7 with "old levels" at top & bottom,
on Moelfre mountain ¾ ml ESE of
Rhiw Griafol

1" 117

SJ O. 2 (?)

MOEL UCHLAS? Llangeyrog area Montgom.

WWS (1848)

Lode (38). Not w/kg. A small lode, with
galena, in irregular arenaceous slates.

1" 127

SN 833 93₂~~CYFARTHHTA MINE~~, Penegoes, Montgom~~NANTDDU MINE~~OS 2¹/₂" - Nant Ddu mine at 833 932CYFARTHHTA MINEOTJ (1922) ⑪ Pb/Cu

172: A small mine on

DYFNGWM lode ca 1 ml W of Dyfnigwm mine.
 Name also applied to old trials on same lode
 1/2 ml further E on slope of Clywedog valley.

Main mine. Shaft on N dipping lode.
 Lode rich in blende mixed with chalcopyrite
 e as is often the case in these rusty shales
 [Gwestyn shales] is assoc. with "ferriferous dolomite"
 [ankerite] e calcite.

J. G. Raybould, PhD Thesis, Aber., (1973)

NANT DDU. MINE:- Quartz, well crystallised;
ankerite; chalcopysite; sphalerite;
galena; pyrite.

At 8350 9363 - quartz; some sphalerite

Visited by TIW (2/95) Nothing of interest found

NANTFELEN MINE, Llanidloes without, Montgom.

See NANT MELYN MINE

NANT IAGO, Llangurig, Montgomery

WWS (1848) Lode @ "(Now) produces zinc blende in consid. quantity"

OTS (1922) (19) Zn/Pb. 163: Near head of a tributary of Upper Wye, ca 1500 ft OD, 8 ml W of Llanidloes. Nantyreira mine is 3/4 ml to N.

Shaft to 70 fm below adit (1420' OD) from near the stream & dressing floor. Levels to 60 fm below adit, mostly to W. Calcite, blende, galena. In parts of lode, large vugs common, with calcite x-lised in low rhombohedra, often in elaborately branched masses; some vugs partly filled with

calcite & lined on inside with x-lined blende, or
show alternate layers of calcite & blende.

RSWB, PT (1/69), V 131 Dumps around SN 827 863:
galena (one with excellent octahedra - P.T.);
sphalerite, in quartz-carbonates matrix

RSN(1997) 31, 16. SN 824 865: Octah. xls galena;
quartz.

1" 127

SN 862 877

NANT MELYN MINE, Llanidloes without, Montgomery.

= NANT FELEN
= NANTYMELEN

See also NANTYRICKET MINE

WWS (1848) Lode (14). "Wkg" Contains galena & chalcopysite

OTJ (1922) (20) Pb/Cu 174: Small mine on an
E-W, N dipping lode, 3/4 ml N of NANTYRICKET
mine. Adit at 1,150' OD & a shaft ca 100 yds
to the E. Chalcopysite and pyrite, with
calcite & lead ore.

RSN (1997) 31, 17 SN 862 877 Linarite, galena,
chalcopysite.

RSN ('03) 44, 20. Small dumps @ edge of track.

Dump-growth sec'y's. Linar, brock &
ceruss common; also caledonite,
hydrocerussite, susann/el'hillite much
rarer.

BMSN (2008) 76 14. NANTYMELEN M. dumps much
depleted, but can still find occur.
linarite - some of largest xls from Wales
- up to 4 mm. (S. Rust)

NANTY MINE, Llangurig Montgom

See also GLAN SEVERN M.

OTJ (1922) (21) Pb plb6: Beside main Aber →
 Llanidloes road. Several old adit, newer,
 deep adit from near R. Wye at 1020' OD, &
 Engine Sh., on slope above, to 20 fm below
 adit.

WWS (1848) Lode (4) PANT MAWR. Lode runs nearly
 N-S. Not working. [1" OS map shows "Pant
 Mawr" close to Nanty mine]

WJ Hughes N-F (1959) 277. "LLANIFYNU" - an isolated occurrence of lead ore "on the main road 4 miles W of Llangurig".

NANT-Y-BLAIDD MINE Llanrhadr^{ym-m...} Montgomery (I)

See also LLAN RHAIDR MINE; LLANGYNOG Mts etc; TYN-Y-LLWYN
wedd ~~etal~~

Geol of Oswestry (1929) 192, 194 Lead mine in Afon-Rhaiadr valley,
ca 550 yds W of Maes-y-bruch & 200 yds W of Ty'n-y-llwyn.
(larger suite of lodes of similar type near & N of
Llangynog, further W). Lode hases W. 3 lvs on it
Vein-quartz common. galena, chalcopryite, in gangue
of pale-pinkish orthoclase [!]. Sulphur & gypsum,
as small xls, also present. Reported locally that
lode yields gold (2oz ton⁻¹). Blende worked

Also several trials on a broad vein of quartz &
crushed rock with a little lead ore & pyrite, ca
400 yd SW of Maes-y-bruch. Has blende too.

AA Archer N-F (1959) 264

See Dewey & Smith (1922) 45. Lode said

to carry galena & chalcopyrite in a gangue of orthoclase,
sulphur & gypsum also being present. Also said
to carry 2 oz Au/ton.

SRMR6B, 23. (1922) "200 yds W of Tyn-y-llwyn" vein on a fault.
Adits. galena & chalcopy in pale pink orthoclase gangue.
Quartz. Small xls gypsum & sulphur. Said to have had Au.
Just > 100 yds S of Tyn-y-llwyn, broad vein of qtz with galena, pyrite. Adits.

GR, 6S 25?/5/64 "Tyn-y-llwyn" is at 093 282 on 1" OS map, but no
sign of nearby working.

6" GS map (1902) marks Nant-y-Blaidd lode; also,
at 0945 2810 "masses of ironstone almost in situ"

WJ Lewis (1967) 156, 158, 245.

NANT-Y-BLAIDD M. Llanrhaeadr-ym-m..., M'gom (II)

JRF-S(1978)5 Vein in Ordov, strikes NNE
in N (on lower slopes of hill) but swings toward W
~~on~~ in S part.

Quartz, with galena, chalcopyrite.
gold recorded - up to 2 oz/ton of ore
in places

NANT Y CAWRDRE, Llangurig, Montgom.
of NANTYGWYRDY [?≡]

WWS(1848) No ⑧ lode. Great width of vein stone. Norwkg.

= WEST NANTY MINE 1st 127

SN 82 3 848
826 850

NANTYGWRDY MINE, Llangurig, Montgomery

= WYE VALLEY MINE. cf NANT Y CAWRDRE [?≡]

See also DOLMINERS

OTJ (1922) (31) WYE VALLEY or NANTYGWRDY, and
DOLMINERS. Pb/Zn. p165. Two mines ca 1ml
S of Nantiago, 8ml ~~due~~ W of Llanidloes. Upper
mine = Nantygwrddy or West Nanty or Wye Valley; the
lower = Dolminers or W. Wye Valley. Upper mine
lode visible in Nantygwrddy ravine. Two shafts on
lode, adit (1550'00).

WJL (1967) Map, facing p 170, labels the W
section (823 848) "Wye Valley", & the E section
(828 850) "Dolminers".

RSWB, PT (1/69) V, 131 Dumps around SW 826 850
have much sphalerite, some galena,
on shale matrix. Little else

1" 127

SN 768 899

NANT Y MARCH, Uwchygareg, Montgom.
See also HYDDGEN MINE.

OS 6" map 40 NW() shows "Old Trial levels"(2)
at SN 768 899 high up, above Nant y March
stream

NANTYMELEN MINE, Llanidloes, Montgom

= NANT MELYN MINE, q.v.

NANTYREIRA MINE, Llangurig, Montgom
= SNOWBROOK MINE | See also AFON MOREG.

OTJ (1922) (28) Pb. 176: Ancient mine on N-S
fissure ca $\frac{3}{4}$ ml N of NANTIAGO. Debris has
charcoal & burnt stones. Ancient implements
found. ~~near~~ galena in joints of
quartz.

Jones & Moreton (1977) 826874. Aurichalcite

RSN (1997) 31 16. "Cu minerals"

Cotterell (2009) J. Russ. Soc. 12, 15-25

Near Snowbrook mine, a rounded
pebble of pyrolusite with small
cavities lined with minute xls.
ID confirmed (XRD).

NANTY RICKET MINE, Llangurig, Montgom.

OTJ (1922) (22) Cu mine 174: A group of explorations near R. Severn, in lower Van strata. Wide lode exposed in river bed of calcite & chalcopysite, among the conglomerates. Several adits on lode & a winze below lowest to depth of 10 fms.

On N side of river ca 200 yds E of mouth of main adit is a deep narrow excavation "Lloches y Lladron" or "Thieves Den" on a lode,

of vein quartz striking towards the Cu lode.
Dumps have charcoal, burnt grit & slate,
& old ~~stone~~ hammer-stones - ancient
workings but no evidence of ore in
this lode.

p47: Map; lode description.

OCHR-GRAIG MINE, Llangynog, Montgom. (I)

See also LLANGYNOG, etc. CRAIG RHIWARTH M.

GR, GS, RNP 6/65 Disused slate mines above the dumps
GR, GS. 25?/5/64 Just N of disused rly. str., 5 mins
 walk up the hill from the village.

Calcite; v. good aurichalcite(IR) malachite(IR)
hemimorphite(IR) hydrozincite(IR) pyromorphite;
linarite; traces brochantite cerussite, ~~ppp~~

RSWB, TBG, JRK (6/64) IV 123-124 galena; chalcopryite;
blende; ankerite; linarite; brochantite
 thin coatings; a little cerussite; pyromorphite;
aurichalcite.

Dewey & Smith, SRMRGB 23 Pb/Zn (1922), galena,
blende, calcite, quartz, & a little chalcocopyrite
on the dumps.

GR 6/70 Nice aurichalcite. Some white stuff
IR- kaolinite or dickite.

JRF-S (1978) 5. AT 054265. NEW vein in Ordov;
quartz, calcite, galena, sphalerite, a little
chalcocopyrite. History unknown.

Roy Starkey, Riv. Comm. (2/85) Coll u'ground: v.g.
aurichalcite; harmotome, aragonite

OCHR-GRAIG M., Llangynog, Montgom. (II)

M. Rothwell (1998) BMSN 50 2-5.

"Craig Rhiwarth mine" at SJ 053 263!

Excellent aurichalcite, chalcopy, sphal, ceruss,
malachite, dolom, hemimorph, aragon,
hydrozincite, quartz, smithsonite,
brochantite, linarite, serpierite,
langite, pyrom, ramsbekite.

PANT MAWR Llangurig (?) Montgom.

Prob. = NANTY MINE which is situated by Pant Mawr

WWS (1848). No ④ lode. Lode runs nearly NS. not wkg.

1" 128

SN 9 8

PEARCE'S LLANIDLOES MINE

Montgom

See also LLANIDLOES; BRYNPOSTEG MINE

OTJ (1922) (24) Pb. Worked 1859 only. 2 tons Pb ore.

175: Trials near the town, exact position unknown.

PENCERIG LODE, Dylife, Penegoes, Montgom

~~See~~ ESGAIR GALED LODE

PENGWERN MINE, Llangynog, Montgom.

See LLANGYNOG MINE(S)

PENNANT MINE, Llanrhaeadr-yn-Mochnant, Montgom.

See BLAEN-Y-CWM MINE.

[NB another PENNANT MINE nr St Asaph, Flint.]

1" 127

SH 87 00

PENRHIN MWYN, Llanbrynmair, Montgom.

WWS (1848). Lode (23). Shallow shafts, long abandoned.

1" 128

SN

928-933

875-876

PEN-Y-CLUN MINE ^{without} Llanidloes, Montgom.See also BRYN-Y-TAIL, VAN CONSOLS MINERG Carruthers ^{et al}SRMRGB II "Ba" (1916) 69.

Vein of the Van Mine lead set

withenite abundant on tips ex old level, & blocks
of considerable size can be obtained. Said
to have accompanied lead in large masses
with cavities filled with well-developed xls.

RSWB, GR, & TG. 12/4/62. Vol II p 39-40. Photos p 48, 49.

baryte often with platy xls in cavities; withenite
radiating, waxy, with baryte; galena, some in
big weathered lumps; ?hydrozincite; quartz;
stalactitic baryte (1 spec. - TG) - greyish, rather like
the Masson Mine material; calcite

[P.T.O.]

WWS (1848) "Pen y clyn" on lode (M), with HAFOD

FEDDGUR, GWESTYN, BRYN Y GAER, &

BRYN DAIL.

Returns bracketed with

Bryn dail.

"Remarkable for the purity of its masses of galena & their accompaniment of witherite." Recently opened - witherite in large masses & exhibits in its druses well-defined crystals - combin of rhomboidal prism with double hexag pyramid.

OTJ (1922) (23) Pb mine, assoc with BRYN-Y-TAIL & VAN CONSOLS
Adit X cut 760' OD drained mine to 40 fms. Driven from edge of valley S of the farm. Later adit 620' OD 300 yds E of the farm. galena; barite.

Min Rec. (1958) 19, 337 witherite bi-pyr xls (N. Hubbard)

PEN Y CLYN MINE, Llanidloes without Montgom.

See PEN-Y-CLUN MINE

1" 117

SJ 10 23

PEN-Y-GARNEDD MINE ^{Llanrhaeadr-} yn-Mochnant ^{Montgom.}

See also CWM-GWNEN MINE, BERWYN MINE; BWLCH CREOLAN

Geol of Oswestry (1929) 203. Calcium phosphates.

AA Archer N-F (1959), 264. Phosphorite mine, with barite
veins up to 1 ft wide, with galena, blende,
& chalcopryite.

PEN-Y- GRAIG, Llanarmon Mynydd Mawr, MontgomeryCB Wedd et al "The country around Oswestry" (1929) Mem 65.

Two levels in Iwrch valley, N of Llanrhaeadr,
on W slopes of Craig-y-glyn, in fossiliferous
Llandeilo Ash. Galena, blende in N one.

Others on hill slope ca 100 yd E & S of
Pen-y-graig- with galena, felspar. Others,
in limestone, 350 yds further S.

1" 1287

SN 9 8
Montgom

PENYRALLT MINE

OTJ (1922) (25) Pb. Worked 1871 only. 10 tons Pb ore
175: Trials on Penyrallt Hill, W of
Llanidloes.

PWLL-Y-WRÂCH, Llanrhaeadr-yr-Mochnant, Montgom.

C B Wedd et al "Geol of... Oswestry" M.G.S. (1929)

Phosphonite worked at Pwll-y-wrach,
SW of Cwm gwenen

1" 127

SN 8499

RHIW GRIAFOL, Darowen,

Montgom.

See also MOELFRE

WWS (1848). Lode (22) Nbr wkg.

RHOSWYDOL MINE, Penegoes, Montgom

See RHOS Y GWIDOL MINE

? = RHOS WYDOL 1" 127 SN 840-5 973-6

RHOS Y GWIDOL MINE, Penegoes, Montgom.

See also RHOS Y GWIDOL NORTH LODE; BACHEIDDON

WWS(1848) On lode (20), with LLANERCH YR AUR. "Wkg".

OTJ (1922) RHOSWYDOL (26) Pb. 152: Dressing-floors in valley 2 ml E of Aberhosan. Workings mainly on same Rhoswydol ~~ca~~ 1/2 ml to E. At one time a find of lead ore 1/4 ml S of dressing-floors, at Bulch coch, by side of road, worked with Rhoswydol under name of Bacheiddon. Rhoswydol worked from several shallow adits in a shaft near base of hill. Near dressing-

floors an adit (650'OD) to E towards S. code, & another (720'OD) on ? N code.

Much blende on dumps, & some in globular masses with fibrous radiating structure.

Ji Wilson. Visited 2/96. Much cerussite on dumps

1" 127

SN 84 97

RHOS Y GWIDOL NORTH LODE, Penegoes, Montgom.

~~See~~
~~also~~ RHOS Y GWIDOL MINE

WWS (1848) Lode (21). See also RHOS Y GWIDOL MINE. "Wkg".

1" 127

SN

859 870

RHYD Y ~~Y~~ ^N BEN^AWCH, Llanidloes without, Montgom.

See also CWM RHICET

WWS (1848) Lode (13). "Wkg" "RHYD DIB ENWCH"

OS 2½ map shows Rhyd-y-bennwch ~~at 859 870~~
by "Old Shaft" at SN 859 870

1" 127

SH 859 011

RHYDYRHOSAN

Darowen, Montgom

See also CWMBUCHAN MINE.

11 117 ? ST O 2 ??

RHYSNANT

Llangynog area ?? Montgom.

WWS (1848).

Lode (35).

"Ndr wkg".

1" 129

SO 293 948

ROUNDTON or ROUNTAIN MINE, Churchstoke, Montgom.

HG Dines

Bull 14 (1958), 14: Calcite with a little baryte. Adit,
commenced 1920.

1" 127

SN 867 840

SIGLEN LAS, Llangurig, Montgom

WWS (1848) Lode (5). "Wkg". Galena & chalcopryite
 raised in small quantities

OTJ (1922) (27) Pb 175: Small mine E of
 R. Bidno, ca 4 ml NW of Llangurig & ca
 1 ml NE of NANTY MINE. Lodes NE-SW
 has galena with masses of quartz, &
 a considerable amount of chalcopryite,
siderite & calcite. Shaft & adit.
 Other 'lodes S, & 30 yds E, of the shaft.
 Lead-ore returned 1866 & 1868.

SNOWBROOK MINE, Llangurig, Montgom.

See NANTYREIRA MINE

SOUTH LLANGYNOG LEAD MINES, Llangynog, Montgom

See LLANGYNOG

THIEVES DEN, Llangurig, Montgom

See NANTY RICKET MINE SN 86 86

TYISAF MINE, Llanbrynmair, Montgom

See CAE CONROY MINE (also LLANERCH YR AUR)

1" 117

SJ 093281

TY'N-Y-LLWYN, Llanrhaeadr-ym-machnant, Montgom

See also NANT-Y-BLAIDD M.

JRF-S(1978)5

in Ordov.

galena, pyrite.

Trials on a ~NNE fault
breccia with quartz.

SRMRGB 23 (1922) 45

1" 128

SN 940-5 876-880

VAN MINE, ^{without} Llanidloes, Montgom. (I)

See also VANE.; VAN CONSOLS.

BM: Hydrozincite rippled crusts on rock

RSWB, GR, TB. 12/4/62. Vol II p 39. Photo p 49. Dumps
largely barren shale. Vein quartz; blende;
galena; trace chalcopyrite; ~~hydrozincite~~, white
powdery coatings on shale - calcite (IR, GR)

OTJ (1922) (29) Pb/Zn. 157: Big, rich mine. Map facing.
p 157, Plan of Flats p 159. Discov. ca. 1850 on
exploring lode E of PENYCLUN MINE. Adit at
710' OD — Engine shaft 120 fm below adit.
Edwards Sh 400 yds W of Engine Sh., to 150 fm below adit.

At 120 fm level, famous FLATS entered. ~~poor~~ Much
backfilling. workings mainly on Van Lode, Flats, &
South Lode. Galena gave way to blende
at E end of mine. Poor below 120 fm level.

p41ff VAN LODGE. Galena foliated in the
"bastard lode" - the var. called "potter's ore"
Lode filling in 3 parts: On S, the "flucan" or "soft lode"
(clay & broken slak 12-24' wide), in middle the
"bastard lode" with strings of galena; then a
wall with hornstone & blende, then on the N
the "regular lode" - galena with quartz, blende,
pyrite, marcasite, chalcoppyrite, calcite

FJN (1962) 70, 72-76. Worked for 51 years, producing
over 28000 tons Zn ore, 96,000 tons Pb ore, 800,000 oz Ag.

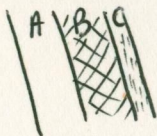
VAN MINE, Llanidloes Without, Montgom. (II)

FJN(1962) Contd. Lodes in Ordovician Van formation.

Rich in massive grits - unusual as most mid-walls ~~mines~~ ^{lodes} only economic in fractured rocks.

The Van lode is a true fissure vein in

3 zones



A. True lode - slate with thick veins galena, w. quartz, pyrite

B Bastard lode - soft slate with many thin strings galena

C Flucan - soft clay & broken slate with no ore.

Van mine was one of the few metal mines in mid-wales with explosive gas - methane.

Ref to C Le Neve Foster "Notes on the Van Mine" Trans R.G.S. Cornw. x 33-46 (1887)

D.C. Davies (1888). One of the great Pb mines, producing
rich ore from ca 1862, argentiferous. The
wide Van Lode largely filled with breccia
with veins of calcite, quartz, & baryte. Sphalerite

1" 128 SN 94 87

VAN CONSOLS MINE, Llanidloes, ^{without} Montgomery

See also PEN-Y-CLUN MINE; VAN MINE; VAN E. MINE

OTJ (1922) Assoc with PENYCLUN. Pb mine

1" 128 SN 949 886

VAN EAST MINE, Llanidloes^{without} A, Montgon

See also VAN MINE; VAN CONSOLS MINE

OTJ (1922) (30) Pb. Worked only 1880. 21 tons Pb ore.

177: Extensive trials on Van lode ca $\frac{3}{4}$ ml
E of Van mine. Two shafts sunk. All
but barren; total only 21 tons lead ore

WEST NANTY MINE, Llangurig Montgom.

See NANTYGWRDY MINE

WESTON MINE, Churchstoke, Montgom.

See CLIFFDALE MINE

WEST WYE VALLEY MINE, Llangurig, Montgom

See DOLMINERS MINE

1" 129

SO 310 953

WOODGATE

Montgomery.

G. Browne I. Stephen, MM (1959) 32, 251.

forms of expanding-lattice minerals in
a soil overlying picrite

Unusual

WYE VALLEY MINE, Llangurig, Montgom

See NANTYGWRDY MINE