

BRECKNOCKS.

OS 1" 127, 128, 140, 141, 153.

GWH (1971) G.W. Hall "Metal mines of Southern Wales".

GSCW (1974) geol Surv 1:100 000 map "Cent. Wales Mining Field"

JRF-S (1981) ~~The~~ J. R. Foster-Smith "The non-ferrous mines of the S. Wales area" British Mining 18
Northern Mine Res. Soc.

Anglesite

Breck

Rhio Nant M SN 8860

Azurite

Breck

Rhiw Nant M (?)

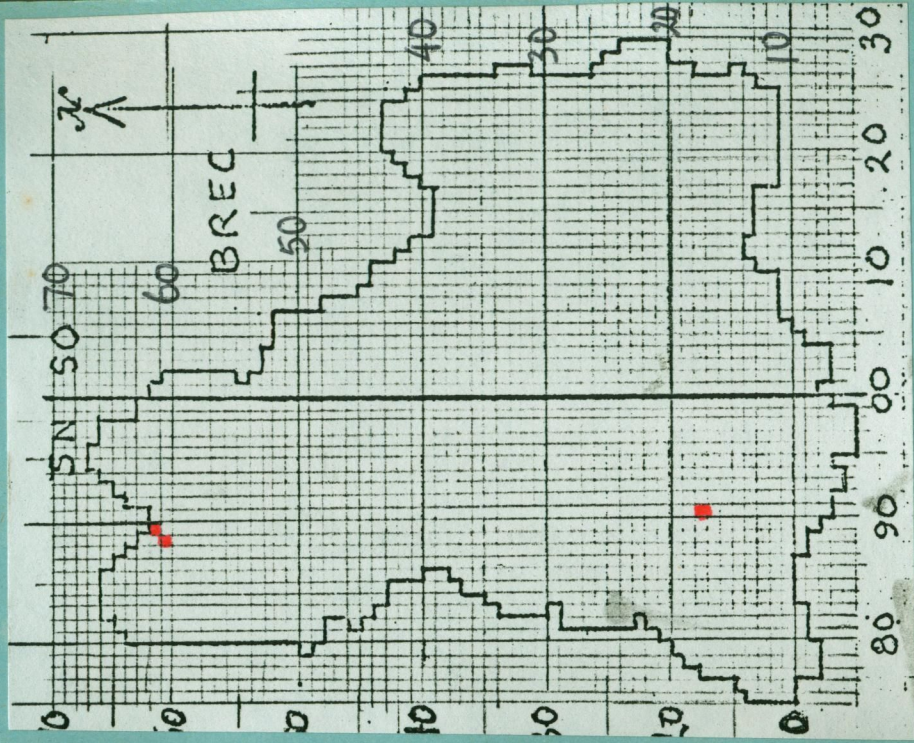
Baryte

Breck

Nant y Car M SN 8860 8961

Pont-Nedd Fechan SN 9007

Vaynor Q SO 03 09



Bituminous minerals

Breck

Vaynor Q (?) ("possible hydrocarbons")

Bulth Wells (ARC ^{RADN} Q'y) ("pyrobitumen")

Calcite

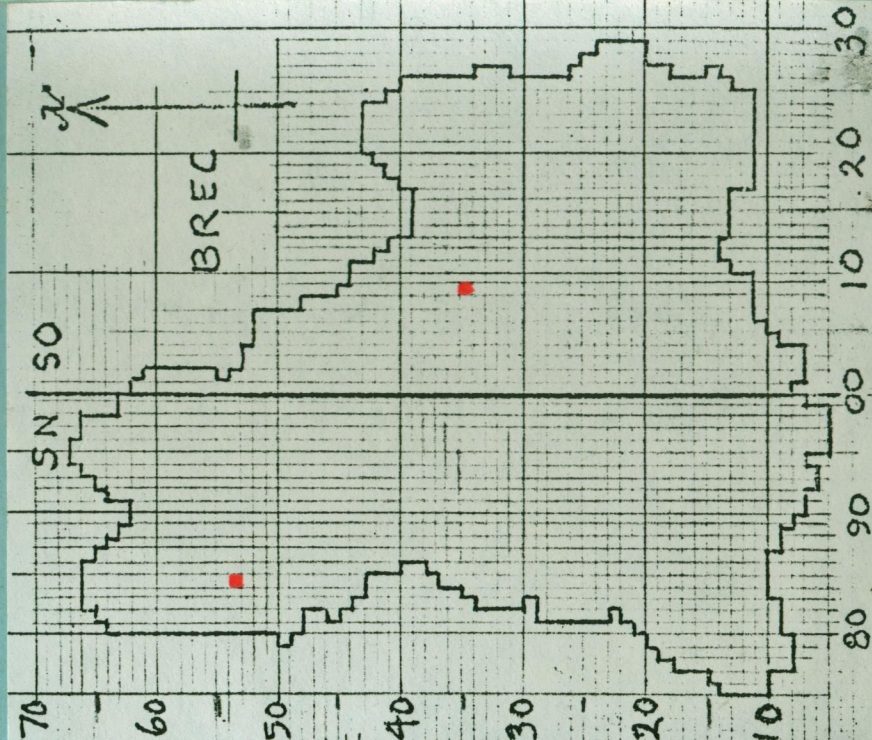
Breck

Cefn Coch M ("carbonate of lime") SN 84 53

Talach-ddu M SO 08 34

Builth Wells (?)

Vaynor @



Censusite

Breck

Rhio Nant M SN 8860

Chalcopside, "Cu ores" (unspec) (O) Breck

Nant y Car M SN 8860 8961

Nant Gyrnant SN 8547

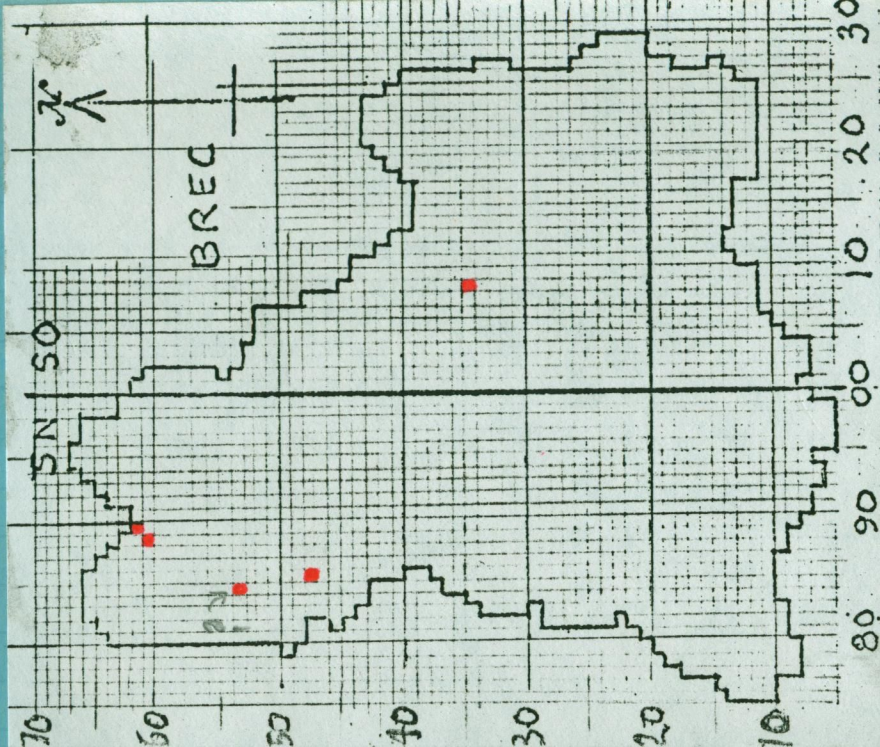
Cefn Coch mine (?) SN 8453

Dal-rhiw M(O) SN 8860

Talachddu M(O) SO 0834

Rhiw Nant M SN 8860

Vaynor Q

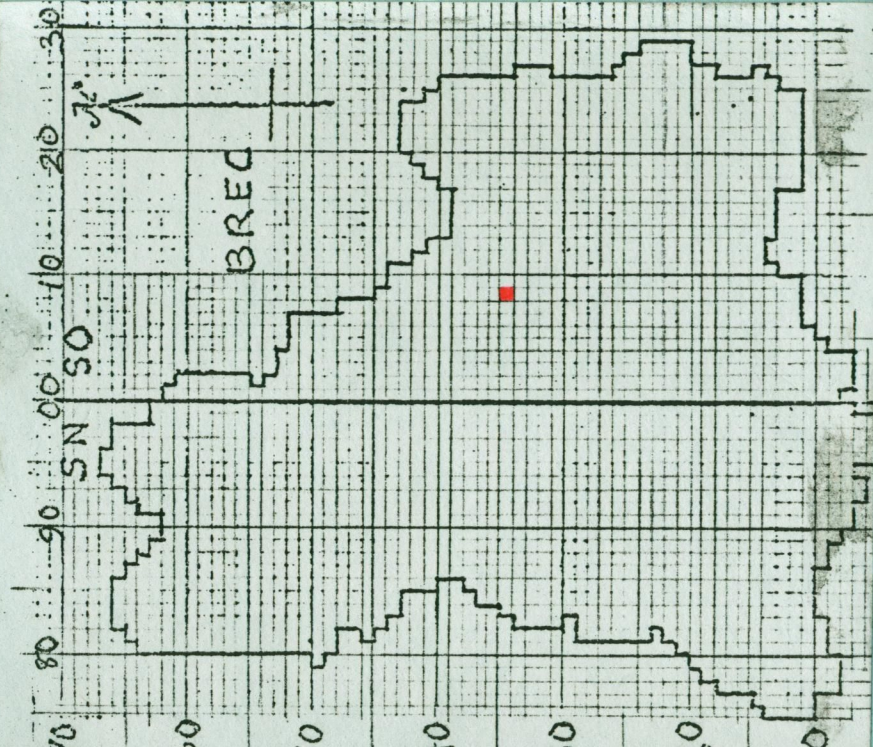


Chlorite, unspec.

Breck.

Talachddu M SO 0834

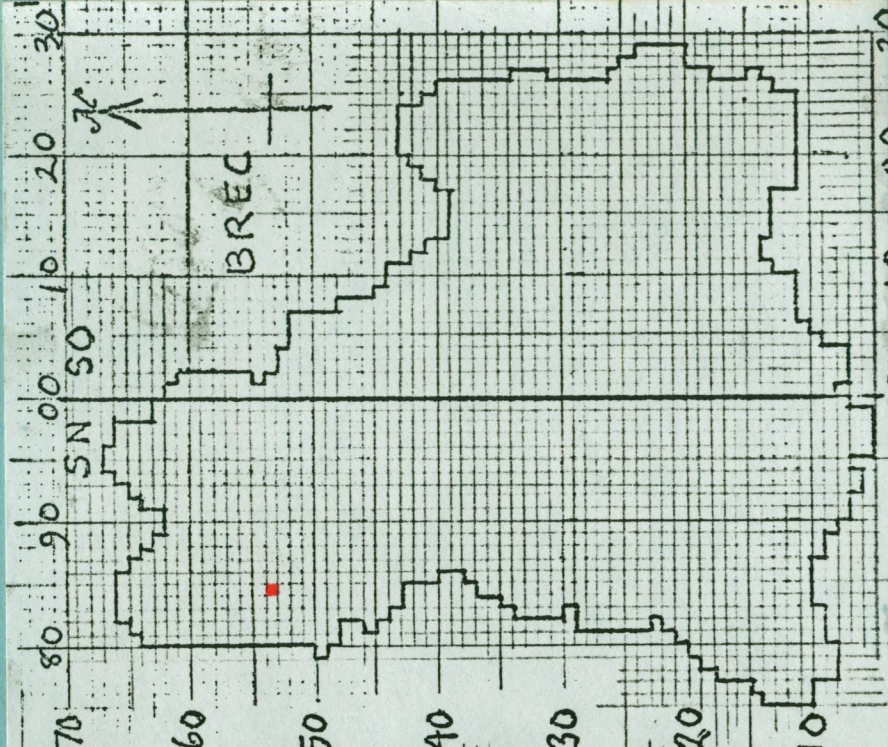
[Builth Wells (ARC Q'y) SO 04 52]
RAIN



"Copper Sulphides"

Breck

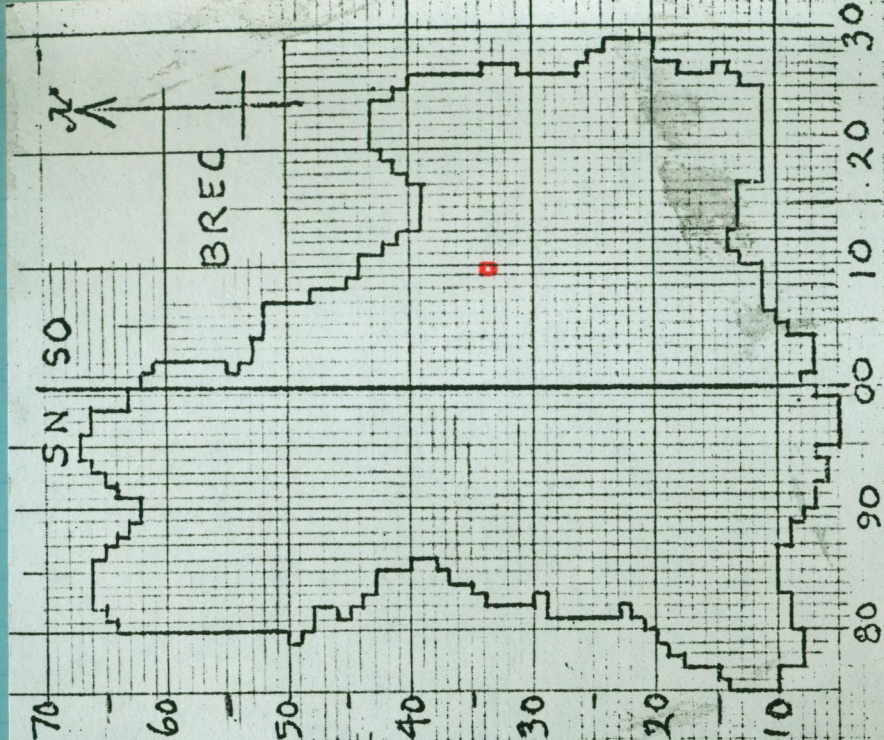
Cefn Coch M SN 8453



Dolomite

Brecknocks

Felin-fael (-fach?) 50 09 33(?)
Vaynor Q 50 03 09



Fluorite

Bred

Vaynor Q 50 03 09

GALENA, "LEAD ORE" (Pb)

BRECK

Llangynog SO 02 45 (Genton)

Llanwrtyd SN 86 47 (?)

Nantygarn M (Pb) SN 87 60

Abergwesyn SN 85 52

Coed-y-Cymmer (Pb) SO 03 08

Penderyn SN 94 08

Pontneathvaughan

(Trawsnant) (Pb) SN 81 49?

Irfon (Pb) SN 85 49?

Llanigon (Pb) SO 24 36?

Dal-rhiw M SN 88 60

"Llanpothen" ?

Nant Gyrnant SN 85 47

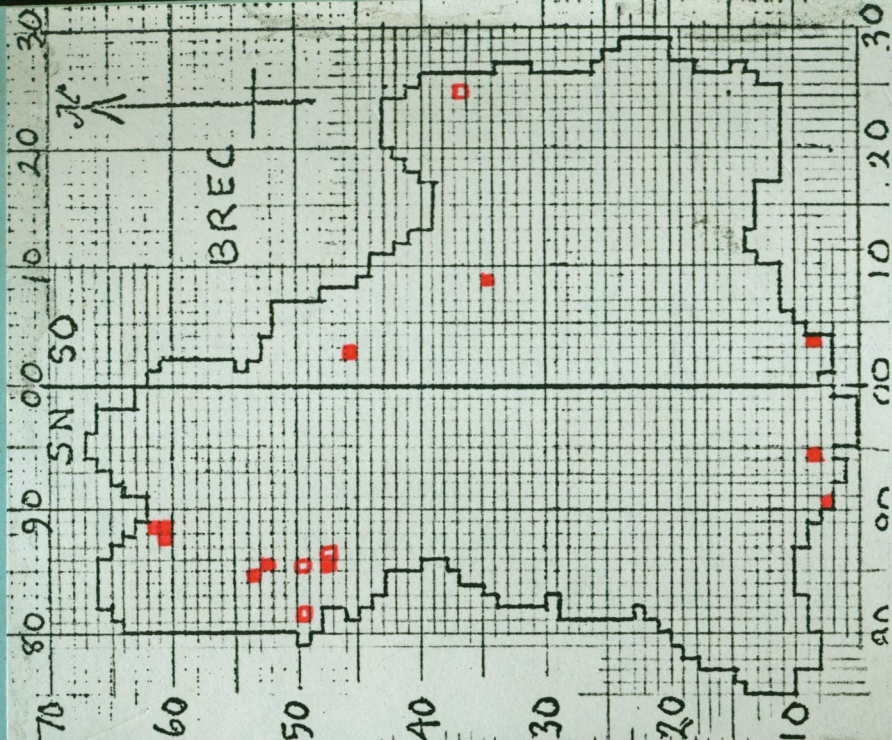
Cefn Coch M SN 84 53

Nant y Car M SN 88 60
89 61

Talachddu M SO 08 34

Port-Nedd-Fechan (Pb)
SN 90 07

Rhiw Nant M SN 88 60



Gypsum

Breck

Agen Allwedd

Laumontite,

Breck

Built Wells (eg ARC C¹y, so 0452)

Linarite

Breck

Rhino Nant M SN 8860

Malachite

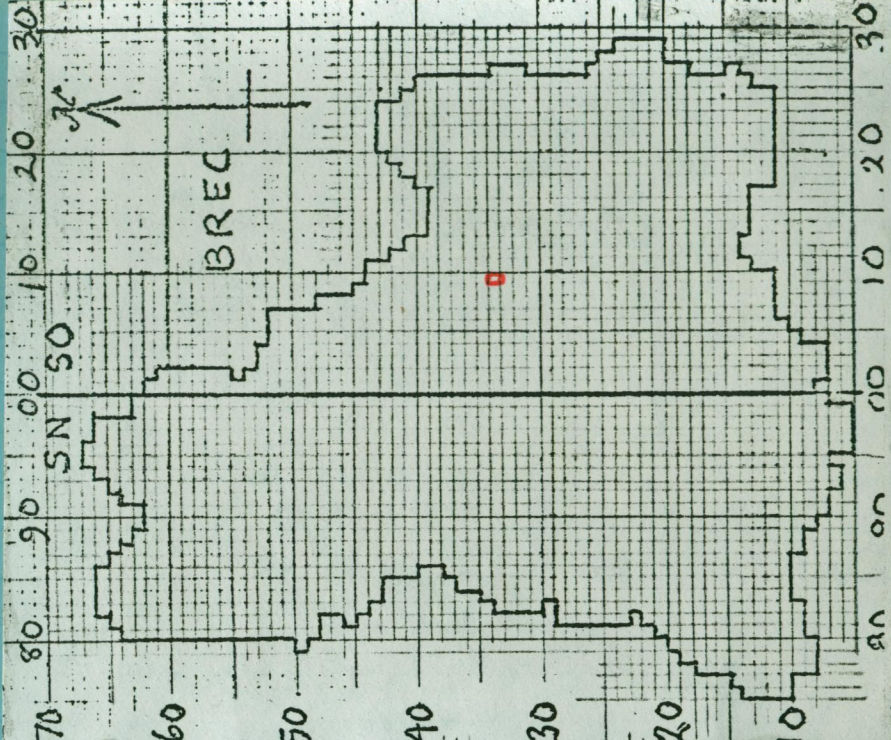
Breck

Rhiw Nant M SN 8860

Marcasite

Brecknocks

Telin-fael (-foch?) 50 0933?



Prehnite

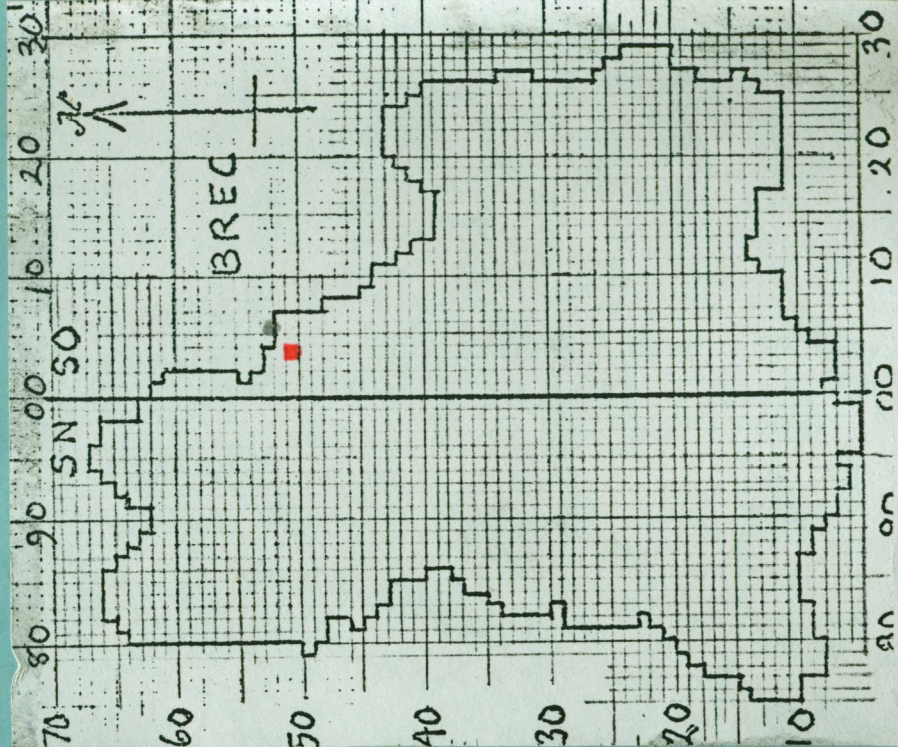
Breck

Built Wells 50 05 52 (?)

Pumpellyite

Breck

Built Wells. 50 03 50
05 52 (?)



Pyrite,

Breck

Nant Gyrnant SN 85 47

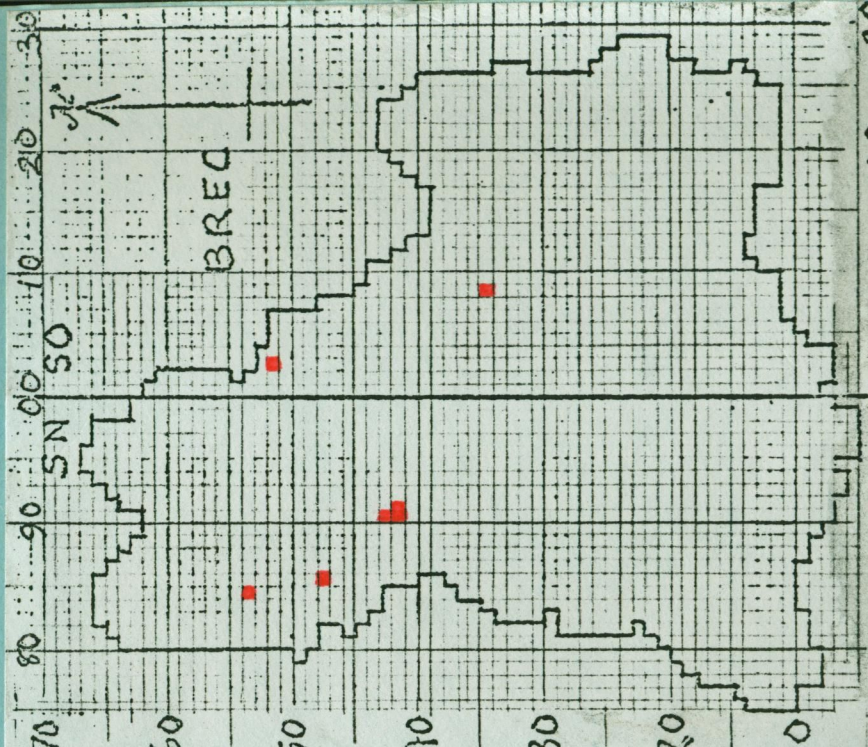
Cefn Coch mine SN 8453

Park Wells SO 02 51

Cwm Dwfnant SN 9042 9043 9142

Talachddu M SO 08 34

Vaynor Q



Pyromorphite

Breck

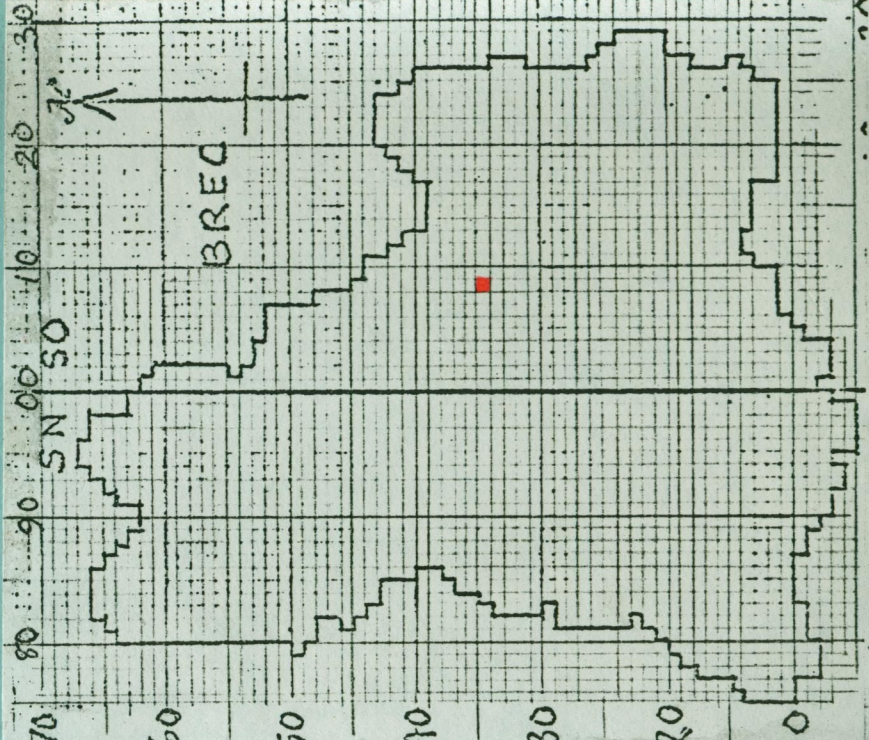
Rhiw Nant M., SN 8860

(S) Nantycar M, SN 8860

Pyrrhotite

Breck.

Talachddu MSO 08 34



Quartz

Breck.

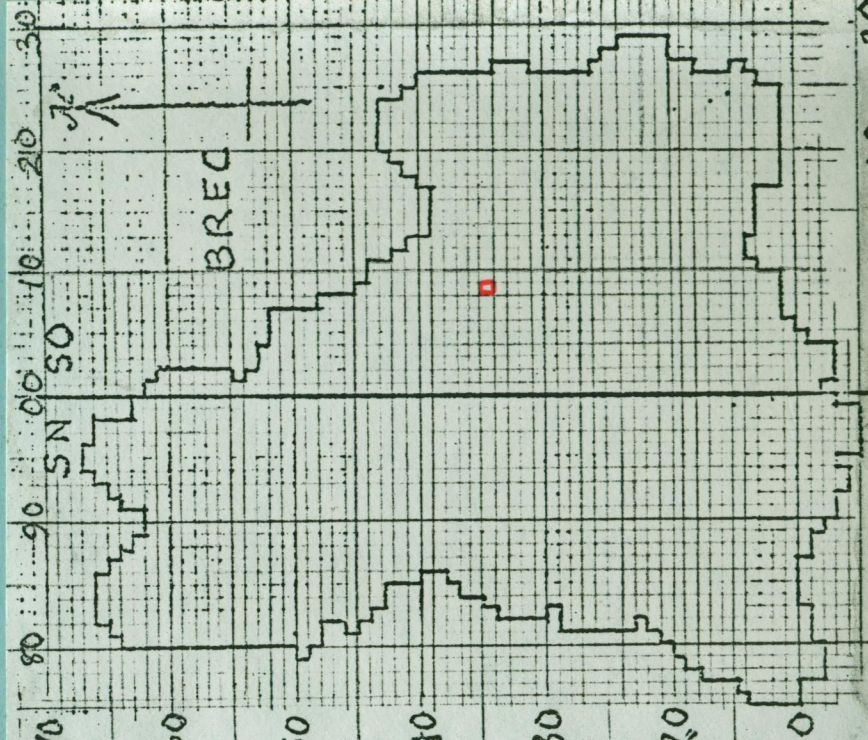
Rhiw Nant M SN 8860

Builth Wells (eg ARC Q/y 5004 52)

Rhodochrosite

Breck

Talachddu M [?] 50 0834



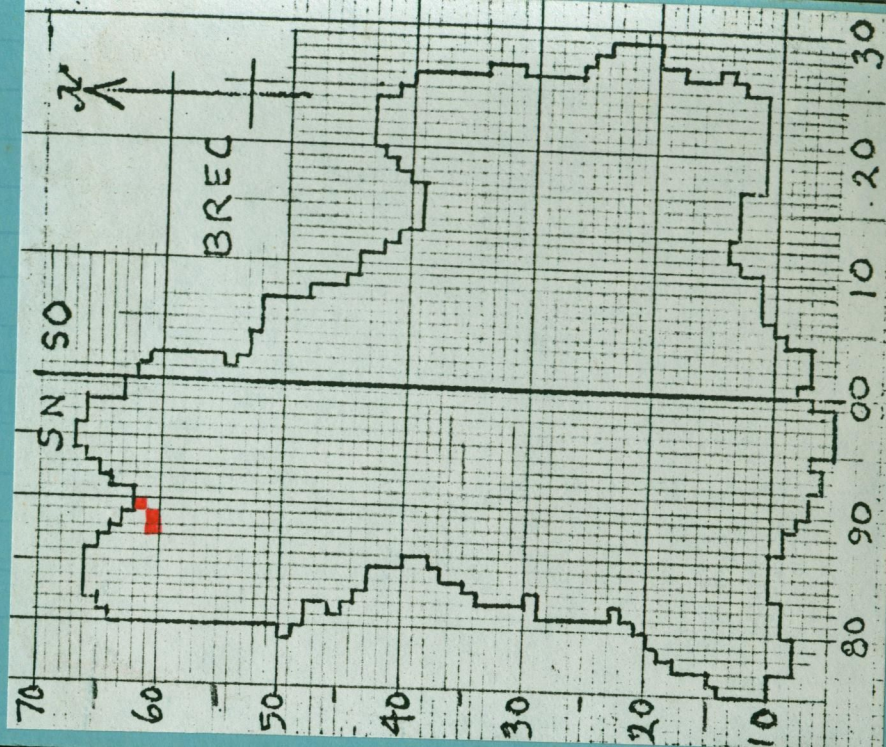
Sidenite

Breck

Nant y Car M SN 8860 8961

Dal-thiw M SN 8860

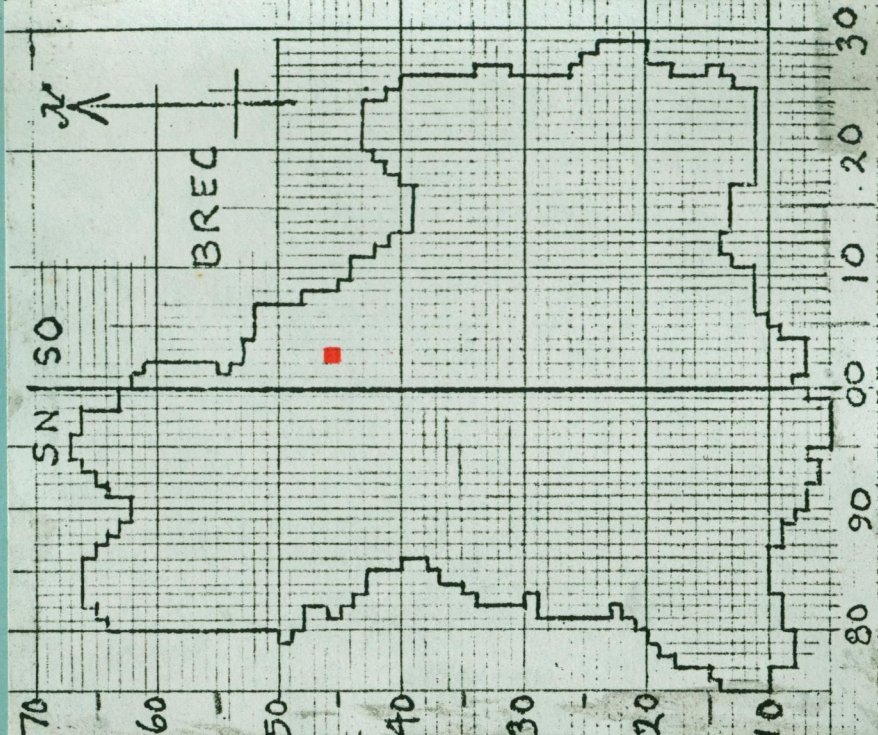
Nant y garw M SN 8760



SMITHSONITE

BRECK

Llangynog Cent on SO 02 45



Sphalerite

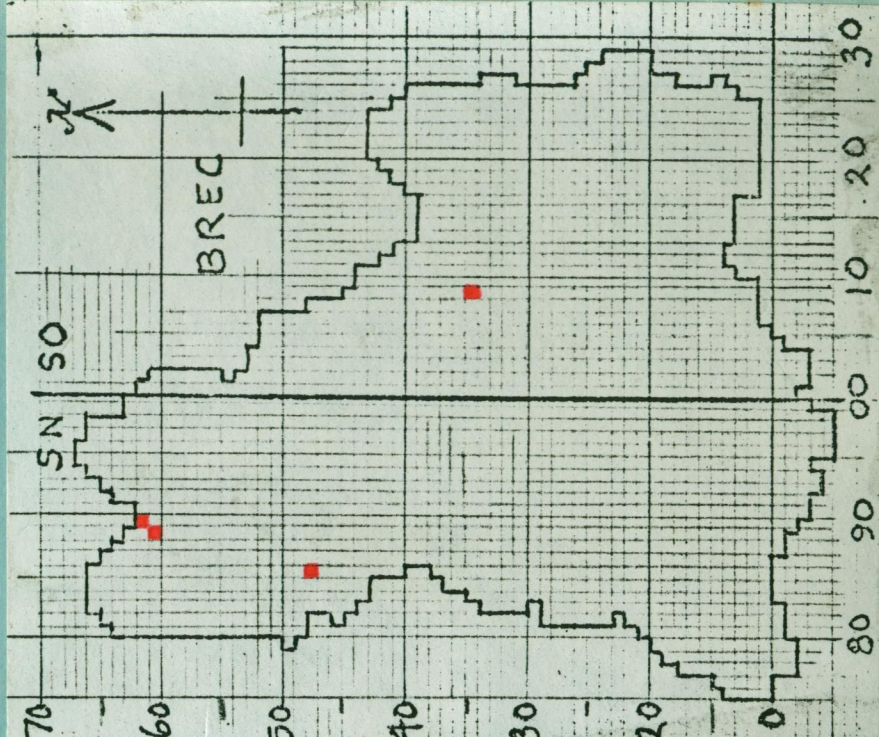
Breck.

Nant Gyrnant SN 8547

Nant y Car M SN 8860 8961

Talachddu M SO 0834

Rhiw Nant M SN 8860



Steverustite,

Breckn

Nant y car M's.

Wulfenite

Breck

Rhiw Nant M., SN 8860

(South) Nantycar M SN 8860

1" 140

SN 85 52

Llanddewi

ABERGWE SYN, Abergwesyn Brecknockshire

See also LLANWRTYD, etc.; CEFN COCH M.

FJ North (1962) 77 Lead mines, worked on
a small scale ~~mine~~ in the Abergwesyn
area.

GWH (1971) 88 ABERGWESSIN or NANTYBRAIN MINE,
(Pb) = TRAWSNANT, NEWTON, IRFON RIVER, EAST
NANTYMWYN M. A small, remote mine
with little production or records, but many
names! ~~Known~~ Open as NANTYBRAIN AND TRAWSNANT
in 1844; most active as ABERGWESSIN M, 1846-50;

TRAWSNANT SILVER-LEAD MINE in 1852, IRFON RIVER
LEAD MINING, 1853; NEWTON in early 1860's;
EAST NANTYMWYN in 1871-76, although at this time
a part of the sett split off as NANTYBRAIN.
Last trials, 1882-1883. Galena.

(WJL (1967)). Map, p 237 shows TRAWSNANT lead mine)
Track from road by Nantybrain farmhouse, passes
adit at 843 515 (Jones' adit of Abergwessin period?),
173 paces long. Main workings after ca 1 mile.
Two shafts at SN 832 503; adits.

1" 141

SO 195 160

AGEN ALLWEDD, Llangattock, Breckn.

RE Bevins & T. Sharpe "Welsh Minerals" (1982)

Gypsum, 7x8cm cleavage mass,
brownish, fairly clear. Illustr. 24.
NMW 62.352. GR+2.

OS 1" 141 "LLANGATTOCK QUARRIES" N E-W
long complex along N scarp of Mynydd
Llangattock.

1" 141

50 03 50

BUILTH WELLS, Brecknockshire

See also LLANELWEDD Q'y, (RADNORSHIRE)

G.D. Nicholls Abstr Geol Soc (1956-7) No 1543, p8

cf MM (1958), 31 802

Pumpellyite in spilitic lava, "Builth Wells" [cf LLANELWEDD Q., RADNORS]

Russ Soc Newsletter (1992) 23

"Builth Wells Q'y, Builth, Powys" [Probably
= LLANELWEDD Q., on other side of river
in Radnorshire] Laumontite, calcite,
quartz.

0452
RADN
Breck

RSN (195) 27

ARC Quarry Builth Wells, Powys
[Grid Ref: SO 049 520] - 16 April 1995

WWB, Leader: Gwyn Billington

This, the first meeting of the new season, saw only four members in attendance. It is a very interesting quarry but unfortunately does not contain a great deal of collectable material. Some excellent quartz crystals to 2 cms. were found in the mid-section of the quarry but little else of note apart from some scattered laumontite, chlorite and what Steve calls 'pyrobitumen'!

RADN

CASTLE ROCK

Llanwrtyd, Breckn.

See NANT GYRNANT

1" 140

SN 840 536

CEFN COCH MINE, Llanddewi Abergwesyn, Brecknock

See also ABERGWESYN

GWH (1971) 87-88 (Pb, Cu) Small mine at 840 536 at 1300' OD W of Irfon Valley. Lode ca N-S, workings for 150 yds between two branches of a stream. At S end a winze, with galena, main workings, shaft etc, at N end, with "copper sulphides and pyrite". A report in "Mining Journal" 30/11/1860 quotes "carbonate of lime and clay-slate, containing lumps of copper and fine lead ores".

1" 154.

50

03 08

COED-Y-CYMMER

Brecknock

WJL (1967) Map, facing p 237. Lead mine.

1" 141

SN 9042, 9043, 9142.

CWM DWFNANT, Llangammarch Wells, Breckn.

GWH (1971) 84. Pyrite - CWM DUFNANT, S
of Llangammarch Wells.

OS 1", shows Cwm Dwfnant, ca 3 ml SW of
Llangammarch Wells.

1" 140

SN 820456, 828465

CYNNANT FACH, Llanwrtyd Without, Breckn.

GWH (1971) 90

Adit at 828465 in NW bank
of highest part of stream on a peculiar
gozzany outcrop which seems barren.
? Trials $\frac{1}{2}$ ml down valley for a N-S
lode, at 820 456 - very old & faint.

1" 128

SN 885 607

DAL-RHIW MINE, Llanwrthwl, Brecknock

See also NANT-Y-CAR M ~~(NANT-Y-CAR M)~~ [NANT-Y-CAR M (Breckn.)]

WJL (1967) Map, p 237 Lead mine. $Cu > Pb$.

GWH (1971) 85-86. On S bank of Rhiwnant stream, opposite the S mine of Nant y Car, at 885 607. Started 1850. as adit on a copper lode; shaft reached a lead lode in 1853. Worked intermittently in 19th Cent. DALRHIW M. Abundant siderite.

Ball & Nutt Inst. Geol. Sci. Rept 75/14. At 885 607.

Cut Pb mine; last worked 1881; depth 67m

EAST NANTYMWYN MINE, Llanddewi Abergwesyn, Brecknock,

See ABERGWESYN

1" 140

SN 875 606

ESGAIR GANOL MINE

Brecknockshire

See NANTYGARW MINE

FELIN - FAEL (?)Brecknock.

See also TALACHDDU MINE

G. Mus, donation (1967), Dr RCB Jones. Dolomite
with marcasite from Felin-fael, NE of Brecon

OSI": Felinfach, SO 09 33, near Talachddu
mine.

1" 140

SN 853 49??

IRFON

Brecknock

See also LLANWRTYD, etc

See ABERGWESYN

WJL(1967) Map, p 237. Lead mine

IRFON RIVER MINE, Llanddewi Abergwesyn, Brecknock.

See ABERGWESYN.

1" 141

Cent. on SO 02 45

LLANGYNOG, Builth, Brecknockshire
cf LLANGYNOG, Montgom.

TMM(1868), 72. See. ~~Kamimorphite~~; galena; smithsonite

1" 141

50 21 40

LLANIGON

²⁴
Brecknocks³⁶

WJL (1967) Map, p 237. Lead mine

GWH (1971) 91. Lead mine S of Hay-on-Wye.

W Davies (1815) & S. Lewis (1849) refer to
unsucc. ~~lead~~ workings on lead veins
in hills of Llanigon ca 1800. No ~~are~~
certain relic remains, but traces of digging
in highest reach of Honddu Valley of Black Mts,
close to stream, just below summit of the
Bwlch yr Efyngyll are locally reputed to have

been a mine.

OS i" Bwlch yr Efenngyll not shown, Afon Honddu
flows to S from below Hay Bluff, SO 2436

"LLANPOTHEN"

Brecknocks.

GWH (1971) 91

In 1876 The Mineral Statistics
recorded 34 tons dressed lead ore
from Llanpothen in ~~Breck~~ Brecknock. It has not
been possible to locate the mine or
place-name.

1" 140 SN 86 47
LLANWRTYD Brecknocksh.

See also ABERGWESYN, TRAWSNANT, IRFON

N-F(1959) Lead ore from "Breckonshire" prob.
came from one or more of the sources
in the vicinity of Llanwrttyd near
end of 18th Cent.

1" 140

SN 858 474

NANT GYRNANT, Llanwrttyd Without, Brecknocks

GWH (1971) 90. Opencast for ca 20 yds from
S bank of brook along a SW lode, at
858 474, to collapsed adit. Other
trials to SW another shaft & an
adit downstream. Dumps grit &
conglomerates, some pyrite, chalcopryite,
galena, blende. Possibly =
CASTLE Rock, Llanwrttyd, in List of Mines
for 1875

NANTY BRAIN MINE, Llanddewi Abergwesyn, Brecknock.

See ABERGWESYN

NANT Y CAE 1128 SN 891618, 885 609
NANT Y CAR MINES, Llanwrthwl, Brecknock. (I)

See also NANTYGARW M., DAL-RHIW M., ELAN VALLEY (Radn); CRAIGYBWCH (Radn), RHIW NANT M.
~~ESGAR GANDRUM~~

T.M. Hall (1868) 77 "NANT-Y-CAR MINES, Rhyader, Radn."
in Silurian Slate (Pb, Cu). Baryte, siderite,
chalcopryrite

G.W. Hall (1971) 84-85 NANT Y CAR M. (treated separately
from NANTYGARW M [SN 874606]) (Cu, Pb, Zn).
Also known as NANT Y CAE. Two sets of
workings: N, at 891618 on S side of Claerwen
Valley, predominantly for copper, and the

S one, at 885 609 on W side of Rhiwnant Valley,
predom. lead/zinc. GS 1" Old Series marks 3 11^e
N-S lodes. History - mainly mid-19th Cent.
S mine - large dumps, much blende.
Galena, abundant siderite.

~~Ball & Nutt, Inst. Geol. Sci. Rep. 75/14. At 885 606. Pb
mine, depth 18 m, last worked 1899~~

Ball & Nutt, Inst. Geol. Sci. Rep. 75/14. NORTH NANTY CAE
891 618; SOUTH NANTY CAE 885 609. Cu, Pb, Zn mines;
last worked 1883; depth 98 m.

WJL. Lead mine (map R237)
(1967)

NANT Y CAR Mls, Llanwrthwl, Brecknock (II)

(Rothwell & Mason (1992) UKJMM II 30-40.

Wulfenite, tab. & bipy xls to 1.5 mm with
yellowish-green pyromorphite on dumps
of SOUTH NANTYCAR M, at "8850 8090"
[Error for 8850 6090] [S.A. Rust]

M Cooper et al (2009), MM, 73, 235-250.
Steverustite, 4 samples

1" 140

SN

874 606

NANTYGARW MINE, Llanwrthwl, Brecknocks.

See also NANT Y CAR M, etc.

GWH (1971) 86-87 AT SN 874 606, lead mine.

Discovered v. ca. 1880. History. Much sidelite;
lead ore. Abandoned 1899, on construct'n
of Elan Valley Reservoirs. NANTYGARW M.

D.F. Bick in N-F (1959) 309 NANT CARW M. provided
most of ~~Brecon~~ Breconshire lead output
e was closed when Elan Valley waterworks
were built.

BalleNutt, Inst. Geol Sci. Rep. 75/14. AT 874606. Pb mine,

last worked 1899. Depth 18m.

NEWTON MINE, Llanddewi Abergwesyn Brecknock

See ABERGWESYN

50 02 51

PARK WELLS

Breckn.

GWH (1971) 84

Pyrite.

OS Gazz. Not mentioned.

1" OS: 50 0251

1" 154

SN

94 08

PENDERYN, Brecknocks.

cf PONT-NEDD-FECHAN

WJL (1967) Map, facing p 237. Lead mine

1" SN 8 0
PONTNEATH VAUGHAN

Brecknock.

cf PONT-NEDD-FECHAN (?=)

WJL (1967) Map, facing p 237. Lead mine

PONT-NEDD-FECHAN, Brecknockshire
of PENDERYN; PONT NEATH VAUGHAN

R. Warner "2nd Wales" (1800). On a wild common (overlooking the Hepste and Felddta [= Mellte] rivers, (S of) Cuihepste Fm (S of) the confluence of the rivers, & past ~~a few hundred~~ (N of) Ystol-gwiddion crag, itself past (N of) Bwa Maen rock (marble), a few hundred yards past Craig Dinas [= Craig-y-ddinas, 915082] ca 1 ml from Pont-Neath-Fechan) - a considerable vein of the laminated species of the vitriolated terra ponderosa - the sulphate of barytes, which also contains

some detached masses of lead ore. - To be
worked when price rises. [Lot should
be near 920 090 ie in 9108, 9109, 9208 or 9209]

P. 128

SN 888 609

RHIW NANT MINE, Llanwrthwl, Brecknock

See also NANT-Y-CAR MINES etc.

27th May 1989 The Rhiw Nant Mine. Leader: Dr. P.R. Williams. Ten members met at the lay-by at 11.00am, unfortunately I had described this as a car park, the grid.ref. however was correct but apologies to anyone who did not find us.

We decided to investigate the spoil heaps on the hillside opposite the mine buildings. After negotiating a narrow footbridge we had a short walk to the lower dumps. Here there was an abundance of chalcopyrite, mainly solid vein material but a few crystallised specimens were collected. Quartz was plentiful, some well terminated crystals up to 20mm in cross-section and others with sulphide inclusions were found. Small amounts of malachite and linarite were collected, the linarite commonly associated with cerussite.

The spoil heaps higher up the hillside were then visited, here malachite was plentiful both as green crusts and radiating sprays of acicular crystals. Under Dr. Peter William's tutelage we began a survey to plot the outcrops with the intention of preparing a geological map.

[? is it linar??]

28th May 1989 Return to Rhiw Nant Mine. The old mine buildings, wheelpit and flooded shaft were examined. The spoil heaps adjacent to the mine consist mainly of galena and sphalerite in quartz vein stuff. We then moved a short distance to some older dumps where the Pb-Zn mineralisation includes small amounts of copper. Dark green crusts of malachite were again fairly plentiful, linarite and cerussite were also found along with anglesite crystals. The best find of the day was small wulfenite crystals associated with pyromorphite crystals. A very enjoyable weekend. G.B.

P. Williams Pers Comm (6/91)

On both sides of stream,
at SN 888 609

G. Billington (1997) RSN 3215

Quartz radiating Hs 72cm
Mal, azur, small auth. pyr.

1" 141

50 085 342

TALACHDDU MINEBreckn.

See also FELIN - FAEL

GWH (1971) 90-91. Cu mine at 085 342 in
ORS & remote from other deposits, unusual
also in content. Workings small, in
a field on S bank of Dulas brook 'ca
 $\frac{3}{4}$ ml above Felin-gach. R. Murchison (1839)
describes mineralisation & states that it was
abandoned. S. Lewis (1849) mentions it as
opened "some time since". Lode stuff from
shaft dump mainly rhodochrosite, with
chlorite, pyrite, some calcite, a little
galena, blende & pyrrhotite, & "possibly

other minerals".

Another trial adit occurs at 072358
some distance upstream. Only 7 paces long, barren.

GR / 72 ? Pink calcite

1"140

SN 8, 49

TRAWSNANT M., Llanddewi Abergwesyn Brecknocks

~~See also~~ KLANNWETTD ~~etc.~~ See ABERGWESYN

WJL(1967) Map, p237. Lead mine

1" 154

50 038 095

VAYNOR QUARRY, Cefn Coed, Brecknocksh.

Vaynor Quarry, Merthyr Tydfil,
Glamorgan 22 June 1991 RSN(1991) 22

Thirteen members made their way to the lowest level in the quarry which is only partly used at the present time. Towards the northern end, small crystals of fluorite to 8mm in size varied in colour from colourless transparent to dark purple. Several calcite crystal habits were noted, as well as scalenohedral crystals encrusted with small crystals of pyrite.

RSN(1997)30. Calcite, scalenohedra to ~1cm; a little fluorite, incl. some small xls.

22 May 1993 Vaynor Quarry, Cefn Coed,
Merthyr, Mid Glamorgan RSN(1994) 24

Ten members arrived for the first real collecting trip this year. After finding our way through the maze of roadways, we settled down to collect.

Excellent cubes of fluorite were soon found, among the best seen from this locality. However they occurred mainly in small vughs in quite large boulders of hard bituminous rock, difficult to extract, so not many people obtained good specimens. Good samples of calcite (with and without chalcopryrite) were found as were (for those interested in fossils) some very good corals.

Rain set in and it was decided to call it a day about 4pm. Still, Vaynor promises well for the future.

GB

Vaynor Quarry, Cefn Coed, Merthyr
Tydfil, Mid Glamorgan [Grid Ref: SO 038
095] and Cilfynydd Coal Tips, Pontypridd,
Mid Glamorgan [Grid Ref: ST 08 92] -
1 October 1994 RSN(195) 26

SB, Leader: Jim Goulding

Grey, drizzly weather greeted our journeys to Vaynor Quarry in Merthyr Tydfil, but it had dried up when we arrived and remained dry during our visit. Only six members made the effort to attend this field trip, others possibly put off by the weather prospects (or in some cases, the collecting prospects).

We should have considered the non-appearance of prominent members of the Wales and West Branch as ominous. They obviously knew a thing or five about collecting at Vaynor at the moment. Vaynor is known for the very fine cubic fluorite of a deep purple colour, but on this occasion only small samples were found - although everyone did collect some specimens. I suspect that many classic specimens are now to be found in Steve Plant's collection! Unfortunately, it seems unlikely that fresh material will become available from the most productive areas in the near future. Other minerals found were some fine baryte crystals and possible hydrocarbons, but the few specimens collected were not worth the author's 330 mile round trip.

RSN(1998), 32, 14

Fossils;

dolomite xls $\rightarrow$ 9mm. One spec
of limestone w. small
pyrite xls but not in situ.