

SHROPS.

Has coalfield

F Brooke M Allbutt (1973) "The Shropshire Lead Mines"
Moorland Publishing Co.

Agardite-(Ce)

Shrops

Westcott M (?)

Albite

Shrops

Squilver Q

Anglesea

Shropps

Ladywell M

Burgham M

Aukerite

Shrops

Wynclips Hill (?)

Antimony minerals (unspec.)

Shrops

Norbury M

Aragonite

Shrops

Lynclys Hill

Asbolite
(See also wad, Co minerals)

Earlston (?)

Grinshill

Yorton Bank (??)

Lim Hill

Wixhill (?)

Shrops

Amichalcite

Shrops

Llyncllys Q

Azurite

Shrops

Gainskill

Hawkestone

Huglith M

Ratlinghope

Riddles Wood L's

Westcott M

Wilderley M

Llynclips Hill co

Baryte

Shrops

Bearstone

Bog M

Breidden Hill

Bulthy mine

Burgam M

Callow Hill

Cefn Gunthly M

Coldyeld M

Cothercott M

Eardiston

E. gilt M.

E. Roman gravels M(?)

Farther Gatten M.

Gatten M

Guns Hill

Hawkestone

Hughlith M

Knolls M

Nick Knolls M

Norbury M

Pennerley M

PTO

Perkins beach M
 Pontesford Hill
 Rhadley M
 Riddles Wood L's
 Ridge Hill M.
 Rock M
 Roman Gravels M
 Rottington M
 Roundhill M
 Sallies M
 Snail beach M
 S. Roman Gravels M

Pim Hill
 Squilver M
 Tankerville M
 Westcott M
 Whitegirt M
 Wildenley M
 Wotherton M
 Wrentnall M
 Hillend Fm
 Adstone (?)
 Mythons beach M
 Yorton Bank (??)
 Wixhill (?)

Baryto calate

Shrops

Rottingham M.
Snailbeach M(?)

Bayldonite

Shrops

Llyndys HQ (??)

Bismuth

Shrops

Grinshill (Clive M) (?)

Bituminous minerals

Shrops

Shrops (coal)	Madeley (petroleum)
Burgam M (pitch)	Pennerley M (asphalt, petroleum, pitch)
Callow Hill (bituminous stains, pitch, elaterite)	
Coalbrookdale (petroleum)	Perkinsbeach M (pitch)
E. Grit M (pitch)	Pitchford (petroleum)
Gatten M (pitch)	Riddles Wood L's (pitch)
Haughmond Hill (bitumen, pitch, asphaltum)	Snailbeach M (pitch, oil, petroleum)
Huglith M (pitch)	Tankerville M (bitumen)
Lincoln Hill (petroleum)	Drileguit M (pitch)
	Wrentnall M (pitch)
	Nills Hill (pitch)
	Bog mine (pitch)

Westcott M

Brochantite

Shrops

E. Roman Gravels M

Ladywell M

Whitegirt M

Cadmium sulphide, unspec.

Shrops

Rottingham M

Calcite

Shrops

Benthall Edge

Bulthy M.

Burgam M

Callow Hill

Cefn Gunthly M

Cothercott M

Eardiston

E. Grit M

E. Roman Gravels M

Foxhole Pit

Hawkestone (?)

Hayton Bent

Huglith M

Ladywell M

Nick Knolls M

Pennerley M

Perkins beach M

Pontesford Hill

Rhadley M

Roman Gravels M

PTU

Ca

Rossington M

Roundhill M

Snailbeach M

Stiperstones M

Tankersville M

Whitegirt M

Wotherton M

Wrentnall M

Medlicott

Squilver Q

Westcott M

Leaton Q (?)

Llynclips Hill

Celestine

Shropps

Adderley

Cerussite

Bog M
Burgam M
Crickleath Hill
E. grit M
E. Roman Gravels M
Foxhole Pit
Ladywell M
Llynclips Hill
Perkins beach M
Shelve

Shrops

Snail beach M
Westcott M
Whitegrit M
Mythons beach M

Chalcedonic silica

Shropps

Madeley (porcelain-jasper)

Hawkstone
grinshill

Chalcocite

Shropps

Callow Hill

Eardiston ~~M~~

Hayton Kent (?)

Hughth M

Ratlinghope

Riddles Wood L's

Roundhill M

Westcott M

Medlicott H

Gringhill (?) ("copper sulphide")

Chalcopryte

E. Roman Gravels M
Foxhole Pit
Haytonskent
Huglith M
Ladywell M
Moelydd
Pennerley M
Roman Gravels M
Tankerville M
Westcott M

Shrops

Whitegirk M
Wotherton M
Grinskill (? traces)
Rottington M
Llynclips Q
Oswestry
(Whitehaven Q)

Chrysocolla

Shrops

Eardiston

Grinshill

Pim Hill

Cobalt minerals (unspecified) Shrops

Eardiston ("Cobalt oxide" - ?asbolite)
Gunshill
Pim Hill

Copper, native,
Huglith M

Shrops

Copper minerals (unspecified)

Shrops

Bearstone

Burgam mine ("Copper stains" -

? error for pyromorphite)

Foxhole pit

(Hadley (?))

(Linley Park (?))

Lyth Hill

Norbury M

Pant

Pim Hill (green)^{ivcl}

Roundhill M

(green Cu stains)

Snailbeach M

Tankerville M (stains)

Wixhill (Cu carbonate)

Wrentnall M (green stains)

Yorton Bank

Adstone (?)

Gringshill

Cornwallite

Shrops

Llynclips HiQ (?)

Covellite

Shrops

Hughitt M
Westcott M

Cuprite

Shrops

Medlicott

Eanolston

Grinskill (Pitchy Cu ore)

Westcott M

Lynchys Q

Devilline

Shrops

Ladywell mine

E. Roman Gravels M

Huglith M.

Whitegirt M

Diopside

Shrops

Squilver Q

Dolomite

Shrops.

Leaton Q (?)
Llynchyp Q (?)

Edingtombe

Shrops

Squilver Q'y

Epidote
Squibber Q

Shrops

Erythrite

Shrops

Huglith M

Tankerville M(?)

Snailbeach M(?)

Whitegait M

Westcott M(?)

Llynclys Q

Felspar (unspecified)

Shrops

Breidden Hill

Galena, "Lead Ore"

Shrops.

Batholes M
Benthall Edge
Bog M
Bulthy M
Burgam M
Callow Hill
Cefn Gwilym M
Crickheath Hill
E. Grit M
E. Roman Gravels M

Foxhole Pit
Ladywell M
Llynchys Hill
Moelydd
New Central M
Nick Knolls M
Pennerley M
Perkins Beach M
Potter's Pit
Rhadley M
Riddles Wood L's

Ritton Castle M
 Rock M.
 Roman Graves M
 Rottingham M
 Roundhill M
 Snailbeach M
 S. Roman Graves M
 Stiperstones M
 Tankerville M
 White grit M
 Wotherton M
 Wrentnall M

Mythonsbeach M
 Wixhill ("lead") (?)

Gersdorffite

Shrops.

Llyncllys Q

Goethite, "limonite" (L)

Shrops

Ladywell M

Burgam M

Eardiston ("limonite") (L)

Coalbrookdale (L)

Ladywell M (L)

Whitegirt M (L)

Gainskill

Llynchys Hill (L)

Gypsum

Shrops

Tankerville M

Westcott M

Grinsell

Haematite

Shrops

Coalbrookdale

Ketley

Eardiston

Grinshill

Lynclips Hill ("stains")

Harmotome

Shrops

Snailbeach M

Whitegout M

Squibber Q

Hemimorphite

Shroves

Rottingham M
Snailbeach M

Heterogonite

Grinshill (?)

Shrops

Heulandite

Shrop

Callow Hill

Hydrozincite

Shrops

Whitegirt M
Callow Hill

Iron minerals (unspecified)

Shrops

Billingsley ("jaspery iron ore")

Ginskill

Llynclys Q ("concretions")

Jarosite

Shrops

E. Roman Gravels M(?)

Ladywell M

Perkins beach M(?)

Tankerville M(?)

Whitegirt M

Mythons beach M(?)

Kaolin(ite)

Shroves

Coalbrookdale ("Kaolin")
Grinshill.

Langite

Shrogs

Ladywell M

Riddles Wood L's (?)

Whitegirt M

Lead minerals, unspec.

Shrops.

Grinshill

Limonite

Shrops

See Goethite

Coalbrookdale

Eardiston

Ladywell M

Whitegirt M

Linarite

Shrops

E. Roman Gravels M

Foxhole Pit

Ladywell M

Whitegut M

Malachite

Callow Hill

Chittol M

Cothercott M

Eardiston

E. Roman Gravels M

Gatten M

Grins Hill

Haytonbank

Hughth M

Ladywell M

Pim Hill

Shrops
Yorton Bank

Ratlinghope

Riddles Wood L's

Roman Gravels M

Westcott M

Whitegirt M

Wildenley M

Wixhill (?)

Hawkstone

Cardington

Medlicott

Mal.

Llyndys Q

Oswestry (Whitehaven Q)
= Llyndys

Manganese minerals
(unspecified)

Shrops

Westcott M. ("wad/pyrolusite" (?))
Gornshill

Marcasite

Shrops

Tankerville M (?)

Rottingham M

Minium

Shrope

Snail beach M (artefact)

Whitegirt M

Molttramite

Shrops.

Widdicombe }
Hortons }
Pim Hill

Olivinite

Shrops

Haytonskent (??)

Orthoclase

Shrops

Squilver @

Platinum

Shrops

Harmer Hill

Prehnite

Shrops

Squidver Q

Pysite

Shrops

Benthall Edge
Callow Hill

Cefn Gwilym M.

Hughly M

Ladywell M

Roman Gravels M

Tankerville M

Westcott M

Whitegirt M

Snailbeach M
Llynchys Hill

Pyromorphite

Shrops

Batholes M

Burgam M

Crickheath Hill

Ladywell M

Myttons beach M

Perkins beach M

Tankerville M

Westcott M

Whitegrit M

Pyrrhotite

Shrops

Hughlith M

Quartz,

Shrops

Bog M.
Burgam M
Callow Hill
Cefn Gwilym M
Cothercott M
Doseley Q (amethyst)
Eardiston
E. Guit M
E. Roman Gravels M
Foxhole Pit

Gatten M
Huglith M
Ladywell M
Pennerley M
Perkins Beach M
Ponterford Hill
Ratlinghope
Riddles Wood L's
Roman Gravels M
Rottington M
Snail Beach M

PTO

Qtr

Tankerville M

Whitegirt M

Wotherton M

Wrentnall M

Medlicott

Mythons beach M

Grinshill

Rhodochrosite

Shrops

Oswestry (error for
Llanymynech Hill, Montgom)

Rosasite

Shrops

E. Roman Gravels (??)

Whitegirt M (??)

Serpentine

Shropps

Breidden Hill

Smithsonite

Whitegnt M (?)

Sphalerite

Bog M
Callow Hill
Coalbrookdale
E. Guit M.
E. Roman Gravels M
Ladywell M
Pennerley M
Pentkins beach M
Roman Gravels M
Rottington M

Shrops

Snailbeach M
Tankerville M
Whitegirt M
Mythons beach M

Strontium minerals, unspec. Shrops

Grinsell

Sulphur, native,

Shrops

Burgam mine

Vanadinite

Shropps, N.

Black Mountain (?)

North Mountain (?)

Pine Hill (?)

Vanadium minerals (unspec)

Shropps

Pim Hill

Wad
See also Asbolite

Shrops

Hawkestone
Whitegait M (?)
Eardiston (ox. of M.)
Westcott M (?)
Pim Hill
Yorton Bank (??)
Wixhill (?)
Grinskill

Witkente

Shrops

E. gilt M

Rottingham M

Snailbeach M

Tankerville M

Westcott M

Whitegilt M

Wroewolfeite

Pim Hill

Ladywell M

White grit M.

Shrops

Wulfenite
shelve

Shrops

Zinc minerals (unspecified)

Shrogs

Norbury M
Gainskill

1" 118

SJ 66 39

ADDERLEY, Market Drayton, Shrops.

TMM (1868), 66. Celestite, in Lias. "ADDERLEY,
Market Drayton, Shrops".

1" 129

SO 391 941

ADSTONE, Wentnor, Shrops

D.C. Greig et al "Geol of Ch. Stretton ..." (1968).

Old trial on S end of Adstone Hill
at 391 941 — level 100 yds W of
Adstone Fm — for baryte or copper?

BATHOLES MINE, Worthen, Shrops.

Bull 14 (1958), 14: Galena. Map, p9.

Shafts: BATHOLES Sh; GIN RING Sh;

Adits: BRICK KILN LEVEL (Drainage); UPPER LEVEL (981' OD)

AR & AWGK:

Pyromorphite.

1" 110, 119

SJ 7235 3955

BEARSTONE ^{woone} ~~Shrops~~. Shrops

See also BREASTON HILL [=?]

Geol of Stoke-on-Trent 2nd Ed (1905), 49. Copper (mineral/s) in
Keuper sandstone - in building stones has been worked
at Bearstone. Baryte in sandstone. BEARSTONE "STAFFS"

(RJ King suggests this is Beeston Hill [Ches]) [??].

GS Staffs 22 NE Near moat, at 7235 3955 - much
baryte in sandstone. Some "copper" in sandstone.
Is actually in Shrops, not Staffs

EVENTS AND PLACES VISITED

Date

Place

Weather

1" OS 119

Staffs

22 NE

(geol.)

Bearstone!!

Much bar in sandstone
 near Moat some Cu in
 sandst.

St 7235 3955 (sj)

N. of Muckleston.

1507 Δ

~" -

Norton-in-Hales

e Bearstone.

Moat due S of village
 P₇₀

EVENTS AND PLACES VISITED

Date

Place

Weather

To Nantwich

Is actually in
Shropshire!

Woore PH.

Knighton

→ Madel

→ Mae

beairstone

White Lion
(PH)

To

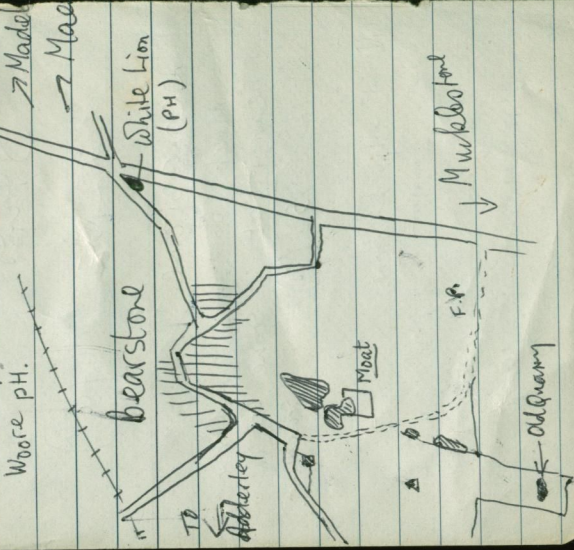
Abberton

Moat

Muckboford

F.R.

old quarry



BENTHALL ^{EDGE} ~~EDGE CLIFFS~~, Much Wenlock, Shrops.

TMH (1868), 66. Calcite; pyrite, Benthall Edge Cliffs

G & L (1858) 38 Calcite - fine tabular xls, at Benthall, Salop.

RAM coll. Galena cube in fossil - Benthall.

BILLINGSLEY,

Shrops.

? 50/7085

G+L(1858): jaspery iron ore.

BOG MINE, Wentnor, Shropps. (I)

Bull 14 (1958), 29. Includes NIPSTONE MINE. Map. fac. p. 22.
Bog section $\frac{3}{4}$ ml SSE of Kennerley, Nipstone section 1000 yds further S.

Veins: BOG V (= MAIN or No 1 V.); WHITSTONE (= NORTH-AND-SOUTH or No. 2) V. ... No 6 V., No. 8 V., No. 9 V., NIPSTONE V.

Shafts, etc. BOAT LEVEL through the lot. OLD ENGINE SH. & BUNTING'S SH (pumping) on Bog & Whitstone V's. ADIT LEV. is at Boat level. SOMME TUNNEL is an exploratory X-cut. Nipstone section worked from Boat level & RAMSDEN'S SH. (1915). CLIMBING SH. & SWAG. SH. on No 9 Vein.

Minerals. Bog & Whitstone V's Lead & Zinc ores; 2-6 ft wide.

No 6.V. 1-3 ft wide; leaders of blende traversed by strings of galena & baryte (the latter mostly above Boat Lev.) & much calcite.

No 8 V. galena; baryte

No 9 V. Lead ore; principal baryte producer

Nipstone V. Baryte above Boat Lev on one stinger.
Below, galena & cerussite occur.

An adit 100 yds S of Nipstone V has ~~been~~ opened up
a small baryte vein.

BM: Baryte.

AWOK (Priv Comm.) Baryte.

GLL (1858). Quartz in hollow cubes, after galena
or fluorite

BOG MINE, Wentnor, Shrops. (II)

C. Rickett, Proc Linn G.S. (1886) 5 131. Pitch,
between caliche xls.

Brooke Albutt (1973), 44-50; maps 45, 48. History

1" 118

ca SJ 30 14

BREIDEN HILL

Shrops (e Montgom).

Almost entirely in Montgom but Barrens in Salop!
See also BULTHY MINE, Middletown, Shrops.

TMH(1868), 66: Baryte; felspar; serpentine. In Llandecilo Flags
e porphyritic greenstone.

BULTHY MINE, (Breidden Hills), Middletown, Shrops.= MIDDLETOWN HILL MINE

See also BREIDDEN HILL, Shrops (e Montgom).

Bull 14 (1958) p 41-2. Map, p. 42.

Two faults mineralised with baryte - 4-8 ft wide. Baryte stained brown nr. surface but white at depth. Occas. clear xls were found.

Small amount galena. Calcite common.

Two shafts e adit on N-S vein. Adit reopened 1923 - mainly in calcite.

NW vein was worked from adits on S side of Middletown Hill.

1" 129

SO 358 997

BURGAM MINE, Worthen, Shrops (I)

BM: Pyromorphite.

AWOK: Pyromorphite, "rarely." [sic!]

Bull 14 (1958), 26. Map fac p. 22.

Veins. W extension of BIG SPAR LODGE. Two
Other Vs.

Shafts, etc. A sh 60' W of Rd, DEEP ADIT L
just W of this sh. BOAT LEVEL., NO 1 ADIT.,

Grey baryle, with occas. strings of galena;
copper stains common, much min. pitch.

PTO

RSWB, TG. 4/3/62. Vol II p 10-11. Lower dumps & levels by road:

baryte; calcite; quartz; galena; pyromorphite;
cerussite xls. in cavities in galena.

RSWB, GR. 11/4/62. Vol II p 37-38. Photo p 47. Upper dumps
& level. Superb green xls pyromorphite in

plenty; baryte; galena, etc. Some pyromorphite is
on black ? goethite hollow cubic pseudomorphs
after ? fluorite. Trace ? fluorite (TG). Native
sulphur in cavities in decomp galena (GR). The pyro changes
colour on dumps (light?)

RSWB, ~~JRK~~ JRK, D. Hyde, R. McD. Baryte, pyromorphite,
goethite, quartz, galena, cerussite

Brook & Allbult (1973) 84. History

BURGAM MINE, Worthen, Shrops (II)

22 September 1993 Burgam Mine,
Shropshire RSN (1994) 24

This is an easy location to find, lying next to the Stipperstones-Shelve road, at NGR SO 358 996. Casual conversation with other collectors at the BMS Symposium in September about the prospects of finding anything reasonable here was not encouraging, but I decided to try anyway. The site remains much as described by Starkey¹. The only apparent changes are a warning sign 'Danger Mine Shaft' next to the 45ft open shaft (although it is not mentioned by Starkey it looks rather old) and the closure of the entrance to the upper level (above the main spoil heap) by a steel farm gate set in concrete.

The main spoil heap is only a short climb from the road, and was naturally the main object of my attentions. There was no sign of recent activity here. Digging in several places only yielded massive baryte and a small amount of galena. The heap is very earthy, and without a water spray I found it difficult to make a judgement about most of the material I was uncovering (lack of experience, I

reckon).

After a couple of hours, I started a careful investigation of the surface of the dump. At first this also

proved fruitless, and I sat down at the base of the heap to a sombre lunch - cheered only by the beauty of the day and the surroundings. Idly, my gaze fell on a piece of dark shaley rock near my foot. It carried patches of green. More moss? No... my hand lens confirmed well-developed crystals of pyromorphite to 2mm.

This was a cause for celebration - my first mineral *knowingly* collected. Two solo trips to the Caldbeck Fells during the Summer had produced several specimens that turned out to be of some interest (my favourite being dodecahedral crystals of pyrite from Carrock Mine) - but at the time I had virtually no idea what I was looking for...

Several further specimens of pyromorphite of micro- to thumbnail size were collected. Isn't it interesting how once you see one, you see nothing else but..? Most were rather poor with weathered

(II) igouls, north, JHIM MAREND

crystals. However, several show small but beautiful emerald green translucent or resinous prisms. They will always have a very special place in my collection.

1. Starkey, R. 1982 *Mineral Realm* 4(1)

Rob Moseley

JIW(2/96) specs → RSWB for examination
Rotted, oxid gal in quartz with good xls
anglesite also cerussite

CAER CARADOC, Clun, Shrops
[NOT = CAER CARADOC, Church Stretton, Shrops.]

TMH (1868) 77. Lr. Silur. & Amygdaloid: Actinolite
("Caer Caradoc, Knighton, Radn.")

The only "Caer Caradoc" shown on OS 1" maps near Knighton, Radn., is the one at 50310758, in Shropshire.

1" 118

SV 38~~2~~ 04y

CALLOW HILL, Minsterley, Shrops (I)

Bull 14 (1958), 22 Lead mine. Four lodes:

CALLOW HILL LODE, POLES COPPER LODE,
DINGLE LODE, HEWETTS LODE.

Shafts, etc. UPPER ADIT (Callow Hill Lode) EASTERN SH.
(Callow Hill L) LOWER ADIT (C.H.L.). POWELL'S SH
(C.H.L.).

On dumps, galena; blende; baryte; quartz;
calate; chalcocite; malachite; bituminous
stains.

Map Opp p 4.

PTO

RSWB, TB. 9/4/62. Vol II, p. 34. Hewett's Lode, at 384 0425 has
grassed-over dumps & large deep shaft. Calcite;
blende; pyrite.

could not see Dingle Lode or Poles copper Lode
Quarry nr 387050 not examined (promising).

Dump ~~at~~ near 388 050 prob. on Callow Hill Lode —
plenty weathered galena; often in big lumps!;
plenty blende; calcite; baryte; pitch; quartz
(with prism faces).

GMus Cat: Elatenite, "Callow Hill, Shrops"

BMS Coll 2370 (P. Hay) Hydrozincite: CALL. HILL QUARRY

CALLOW HILL, Minsterley, Shrops (II)

R SN (1994) 24

Callow Hill Quarry, Pontesbury, Salop

The afternoon turned out to be very hot and the quarry was a bit like an oven. The main area of interest was the remains of a dolerite dyke that traversed the quarry. Joints in the unaltered dolerite were covered with crusts of brick-red microcrystalline heudlandite. The dyke also contained a sulphide vein of mainly massive dark brown to black sphalerite and galena, however a few galena and pyrite crystals were found, together with vughs containing small lustrous transparent yellow sphalerite crystals. So much for the good news, the not-so-good news was that the whole assemblage was plastered with a tenacious dark brown hydrocarbon - and very interesting material it is to your average organic chemist! To the rest of the world this stuff was extremely annoying as it covered everything (animal, vegetable or mineral). If you are able to get hold of it and, more importantly, can use it safely, this hydrocarbon can easily be removed with dichloromethane.

BMSN (2004) 68 p 31. Nice
yellow sphalerite MM

1" 129

50

50 95

CARDINGTON, Shrops

D C Greig et al "Geol of Church Stretton..." (1968)

Murchison (1839 p222) says malachite
near Cardington.

CEFN GUNTILY MINE, More , Skrops.
 See also RHADLEY MINE

Bull 14 (1958) 32. Was originally known as RHADLEY MINE.
 Now called G.G. to distinguish it from Rhadley M.
 Numerous small workings on hill. Many small
 & poor veins. Mainly baryte, with some calcite
 & a little galena.

An adit driven NE from 190 yd SE by S of Pwllthelley
 Farm prob. that ref to by Murchison [1839, 281]. -
 lead vein at 726 ft from portal in schists
 with many quartz veins with pyrite.
Map. fac. p. 4.

Morton Proc Liv G.S. 1 (1869), 38-9. Cefn gwynble - baryte.

CEFN GWYNLLE MINE, More, Shrops.

See CEFN GUNTHLY MINE

6" Shrops 55 NW
SO 347 948
CHITTOL MINE, More, Shrops.

Dewey et al
A SRMROB XXX "Cun..." (1925), p. 57-9: Levels, ca. $\frac{3}{4}$ mile SE of
Rhadley Hill. Trials in 1866. Copper mine.

Bull 14 (1958) 41. Map facing p. 4.

Trial adit in Chittol Wood, 21 ft below
summit, driven in 1866, & a 36 ft winze below
this proved copper as malachite stains
(Dewey et al (1925). Drainage adit lower down
hill unsuccessful, & project abandoned.

CLIFFDALE MINE, Chirbury, Shrops.

See under Churchstoke, Montgom

CLIVE, Shrops

See GRINSHILL

COALBROOK DALE, Wellington, Shrops.

TMH (1868), 66: Coal-measures, & Up. Sil. Haematite;
kaolin; petroleum.

G+L (1858): Limonite (brown ironstone)

BM: Blende, cubo-octahedron-like xls on clay
ironstone.

COLDYELD MINE, Wentnor, Shrops.

Bull 14 (1958), 40-41. Map facing p. 4.

baryte vein 500 yds N of Coldyeld Farm worked.
opencast 'till walls collapsed. Adit driven
1943, portal 580 yds N of farm, but soft rock
e abandoned before vein reached. Now no
exposures.

COTHERCOTT MINE, Church Pulverbatch, Shrops.

SRMRGB xxx "C..." (1925), p. 57: Baryte mine; S of Wilderkey Mine.

Bull 14 (1958), 39. Map, p. 34.

Baryte (pink; white at depth), worked 1911-1928.
Very free of other minerals. Worked by a
number of adits & crop workings.

RSWB, TG. 9/4/62 ~~Vol I~~ Vol II, p. 35. Only visited lower
workings. Not very good. Baryte, white to pink,
platy. Calcite; quartz; traces malachite.

Crickheath

CRICK HEATH HILL ~~Part~~ Shrops

(MONTGOM)

See also LLANYMYNECH MINE ^A; LLYNCLYS HILL.

Geol. of Oswestry (1920) 194 Pb veins (ore generally galena,
 less commonly cerussite). Lead has been got
 by galleries running WSW & W from quarries @
 E end & S side of Crickheath Hill, WSW being
 11² to a Pb vein worked at or near surface
 on N side of "that small eminence". All abandoned.

Liverpool Geol Dept Coll.Pyromorphite

DOSELEY QUARRY, Wellington, Shrops.

BM: Amethyst.

DISGWYLFA HILL Q., Shrops

See SQUILVER Q.

EARDISTON, Shropshire (I)

6" Shrop 20 SW 3826

See also WEST FELTON

BM: vg velvety malachite, with barite. Chrysocolla.

SRMRGB XXX "Cu." (1925) p 5. Cu ores in sedimentary rocks:

"Eardiston Mine & Grinhill Mines, Shrops"

~~p. 20~~ p. 20. Eardiston Mine $\frac{1}{6}$ mile ESE of Eardiston Church, $5\frac{1}{2}$ miles SE of Oswestry 6" Shrop 20 SW, 3826. Malachite; grains of grey copper ore; earthy brown iron ore. [limonite] [?chalcocite]

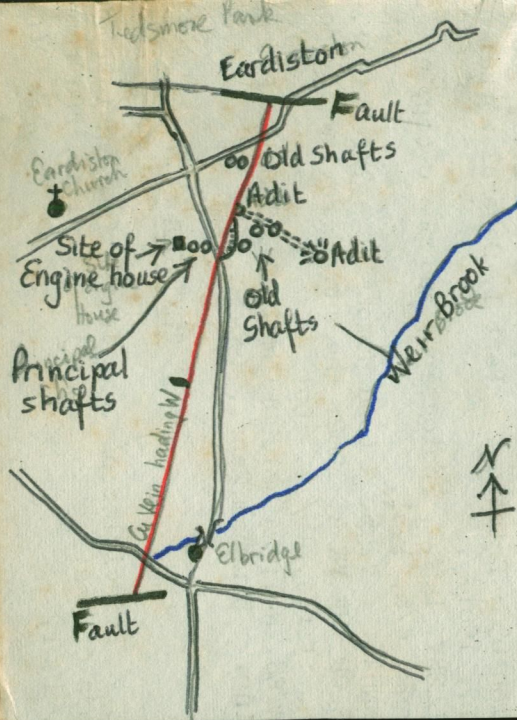
→ once also known as REDNAL M

[contd: II] "Geol of Oswestry" (GS Memoir) (1929) p 194 → (map, p 196). At Lane End, Eardiston, nr W. Felton. Fault cutting Trias. Vein = granular qtz, has ferrug marl, dissem malachite; grains of a grey Cu ore as well as barite and cobalt oxide at intervals. Cavities lined with mammillary malachite have been found.

TMH (1868); 66; Malachite, in NRS, at "West Felton, Oswestry, Shrops."

RSWB, 7/4/62. Vol II, pp. 29-30. Photo p46. Examined opencast & partially explored level therefrom. Dumps round engine house thoroughly overgrown. No trace of adit near 369246 or other workings in fields. From floor of opencast, though overgrown a few spec's malachite on & in sandstone, incl botryoidal & needles in cavities; some small plates baryte; doubly-terminated scalenohedra calcite in cavities with the malachite.

Davies (1888) 136. (See also Henwood "Metalliferous Deposits")
A deposit similar to Aldenley Edge, worked



CB Wedd, B Smith, WBR King, &
 DA Wray "The country around Oswestry"
 Mem GS. (1929) (Map, p. 196)

EARDISTON, Shropshire (II)

about 30 yrs ago (ie ca 1848). At outcrop it had much earthy brown iron ore; varied from a few in. to 5 ft thick; cavities lined with mammillary malachite; richest in Cu near upper & lower boundaries, where it abutted on faults in sandstones. Four layers described. Yielded 0.005-0.025 [%] of metal, total 2,500 tons, 1841-43. Deposit followed 16 fms down-dip when a tough clay filling on ~~the~~ line of fault cut it off.

BW Jeffs, Proc Lir GS (1886) 5 139-144 quotes E. Hull (1869) "Geol

Mem. of the Trias" - a lode at West Felton
has green carb. of Cu & some oxides of Fe
& Mn on fault sides. Also quotes
Murchison "The Silurian System" (1839): green
carb. of Cu dissem. in sandstone near
Pradoc, West Felton, Shrops.

Oswestry Memoir (1929) Cont'd:- "Cu ore" recorded by Murchison
(1839) "The Sil. System", pp 39, 297. Hull "The Triassic..."
Mem & S (1869), p 74 & Fig. 38 - diagrammatic sketch of vein.
Vein exploited 1827 & 1836, abandoned 1865 - tested, but
not reopened since. Henwood WJ, Tr. R & S C 8 (1871) 515
- vein of few ins $\rightarrow$ 5 ft, of granular quartz, malach dissem
in gangue & adjoining sandstones; grains of grey Cu ore, Ba,
Co oxide at intervals. Caves lined w. mamill. mal.
Vein less steep w. depth - @ ca 96 ft ore disappears & vein represented
by a ~~thin horizontal~~ layer of clay.

EARDISTON, Shrops. (III)

RSWB & J.I.W., (13/1/80): Re-examined
opencast & level; still no trace
of adit in fields behind hill. Tick
marks suggest level dug from both
directions, meeting at the jink a
few yards in from face of opencast.
Spec's coll. from grassed-over dumps in
opencast & in ploughed up field &
above the level. Sandstone with
baryte; calcite; malachite; chalcocite;
trace massive cuprite; black ?asbolite

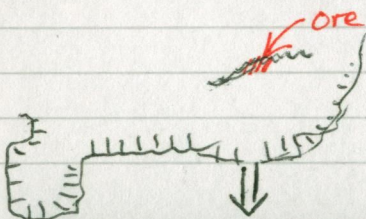
C.J. Carlon (1981) "The Gallantry Bank Cu mine..."
p 8-10. Illustr. p 11. Baryte, calcite, iron oxides,
malachite, azbolite.

C.J. Carlon (1981) "The Eardiston Copper mine,
Shropshire" Bull PDMHS (1981) 8 [1, June], 29-42.

Refs to unpub. report by Henwood, W.J. (1837).
Malachite incl. botry; calcite xls; azbolite, in
hard dense sandstone cemented by baryte.
No sulphides seen. Haem & limonite stains
common.

EARDISTON, Shrops (IV)

RSWB, WEB & TIW, (2/4/96) Re-examined
opencast, dumps etc. on both sides
of lane. A site in the opencast was
found, where on digging, a high proportion
of samples were copper-stained - poss.
an ore stockpile. - on a small steep bank
v opp. the opencast & v 30 metres from it.
Road



No Calcite-cavity matrix found,
but sandstone lumps with
chrysocolla malachite,
bands of black grey chalcocite
(sectile $\rightarrow$ metallic grey);

PTO

dissem. haematite; black sooty wad/asbolite

EARL'S HILL, Pontesbury, Shrops.

See PONTESFORD HILL.

EAST GRIT MINE, Shelve, Shrops.

or OLD GRIT, or EAST WHITE GRIT MINE.

See also WHITEGRIT MINE; FOXHOLE PIT.

Bull 14 (1958), 19-21. Veins: RIDER V., NEW V., SOUTH ~~or~~ ENGINE V.,
FOXHOLE V., NEW BRITAIN V.,

Shafts: RIDER Sh., EAST GRIT ENGINE Sh., BYE PIT;
NEW ENGINE Sh.

Rider V: quartz; calcite; galena; blende; cerussite; baryte.
witherite; mineral pitch. (Murchison (1839) p271).

South V: Calcite; galena.

Map, p9

EAST ROMAN GRAVELS MINE, Worthen Shrops.

See also ROMAN GRAVELS MINE, S. ROMAN GRAVELS MINE

Ball 14 (1958), 15: Also known as: WOOD MINE; UPPER BATHOLES MINE; HOPE VALLEY MINE; WEST TANKERVILLE MINE.

Three chief veins: WOOD V.; CORNISH V., CALIFORNIA VEIN.
CAUNTER V. intersects WOOD V

Shafts: WOOD WINDING (ENGINE) SH & LAURENCE'S (WHIM) SHAFT
on Wood Vein. BLACK GIN SH is on WOOD LEVEL
which drains the mine. DEEP ADIT LEVEL on WOOD V.
On Cornish V: CORNISH SH.

On California V: CALIFORNIA SH. & UPPER ADIT.

California Vein "yielded much galena", more blende in depth".
galena; blende; calcite; baryte(?)

p.l. worked by Romans

p.q. Map.

P.T.O.

RSWB 15/8/61. See Field Notes, Ip. 204. Plenty blende, chalcopyrite, & galena incl. good xls. Mainly in calcite, with quartz xls. One pink calcite rhomb. Sprinklings of malachite; cerussite in gozzan; one spec. ?aurichalcite (new?)

II, 135 (8/9/62). ?jarosite; calcite; blende; galena; chalcopyrite; quartz; malachite; ?rosasite; ?aurichalcite; brochantite; cerussite; good linarite gypsum

→ No efferv. w. $\text{dil H}_2\text{SO}_4$. Amm. mercurithiocy. test →
almost Zn-free. ∴ devilline ←
5/75 N part of dumps - slag - much dump growth of devilline, linarite, etc.

F. Brooke & M. Allbutt (1973) ³⁹~~40~~-43; Map p. 41. = WEST
TANKERVILLE M. WOOD MINE is immed. to N.

EAST WHITE GRIT MINE, Shelve, Shrops.

See EAST GRIT MINE

FARTHER GATTEN MINE, Rattlinghope, Shrops.

See also GATTEN MINE

Bull 14 (1958), 40. Map. p. 34.

ca 600 yd S of Gatten Mine. Three trial adits
on irregular baryte vein.

FOXHOLE PIT or MINE, Shelve, Shrops.

See also WHITEGRIT MINE, EAST GRIT MINE.

Bull. 14 (1958), 19-21. Veins: FOXHOLE V., FOXHOLE BRANCH;
QUARRY V.

Shafts: FOXHOLE ~~MIN.~~ SHAFT.

Calcite.

RSWB, T6. 10/4/62. Vol II pp 35-36. Shale dumps - lower parts
best. Good cerussite; traces linarite, with
green copper minerals; galena; small amounts
chalcopryrite; quartz; calcite.

GATE LEVEL VEIN, Worthing, Shrops.

Bull 14 (1958), 15: Worked from shaft 485 yd SW of Batholes
shaft (qv) & 60 yds E of the Hope Valley Rd. said to
be 132' deep. No records. (See map on p. 9).

GATTEN MINE, Rattlinghope, Shrops.

See also FARTHER GATTEN MINE

Bull 14 (1958), 40. Map p 34. Photo opp. p. 38. = GATTEN LODGEM.

Baryte vein ca 6 ft wide 350 yd W of Gatten Lodge. Has granular quartz on hanging wall in places. Baryte pink & has a few stains of malachite & mineral pitch. Started 1887 & adit driven. Shaft sunk 250 yd SW of the Lodge in 1922 → adit at 170' down. Another shaft sunk 1945.

GATTEN LODGE MINE, Rattlinghope, Shrops.

See GATTEN MINE

1" 1195J 721115

GRANGE COLLIERY, Oakengates, Shrops.

1" 11955 725 120

GRANVILLE COLLIERY, Oakengates, Shrops

6" Shrop 21SE 5124
5152 514 239

GRINSHILL MINES, Clive, Shrops(I)

Copper Mines

SRMRGB XXX "Cu (925)p5 Cu ores in sedimentary rocks.

p 18. Level shafts 160 yards SSW of Clive church, $7\frac{1}{4}$ miles
NNE of Shrewsbury. 6" shrop 21SE. Barite; asbolite; iron
ore; malachite; specks of azurite.

Davies "Roman Mines in Europe" (1935) p 159. Copper mines at Clive cannot be
proved to have been opened before 17th Cent.

GS 6" map Shrops 21SE. S of Clive: Cu vein; barytes.

Geol of Wern (1925), 39. Fault 200 yds W of Hope Farm crosses lane to
Clive at a place called the Mine Bank ca 250 yds SW of
the church [ie ca. 514 328]. Cu has been worked along

the fault ("see p. 90"), a chief shaft is just W of the lane.

- E of fenest, pale yellow sandst. seen at the flat, an old lane on N side of Clive churchyard. Crowded with concretions of barite and more or less well formed xls enclosing sand.

p. 90: Cu ore confined to ~~the~~ nearly N-S fenest just W of Clive Ch.

Said to have varied greatly in character & in places swelled out into masses, but its stoping width ca. 20 ft. Said to be a footwall in which barite & Co & Fe ores occ'd. Lumps of "Co rock" weighing several tons found in a seam of black-speckled grey sandst. called the "pepper & salt rock". Usual ore green CO₃ of Cu but blue ore in places forms nodules & specks. Occas. these CO₃'s act as cement, but in poorer ore merely fill hollows where the larger sand grains fail to fill space. Worked several cents, abandoned within last 50 yrs. During adapt'n of ore.

GRINSHILL MINES, Clive, Shrops. (II)

sh. for a water-supply, recent discov of 17th Cent tobacc. pipes, & tools, in old levels. Several sh's along v'n. Main one at Mine House 160 yds SSW of Clive Ch., recently widened & deepened to 219 ft to supply water to estate. During this work, old, partly collapsed levs found & used to take stuff ex shaft. Some followed N towards Church & some S to adjacent wood, where another sh. found. Deepest part ca 240 ft from surface, & flooded. Total length of workings ca 1 mile. No plans or statistics known. The metal was ppt'd at the mine.

RSWB. 7/4/62. Vol II, p. 29. Some malachite impregnations in sandstone.

EG Poole & AJ Whiteman, Nantwich memoir (1966):- The Acton Reynauld
dyke, ?Tertiary, porphyritic dolerite, exposed in
Cureton's quarry, Grinshill, at 528 238. Outer
part much altered, rich in baryte & other
minerals. Conclude that the Cheshire-Shrops
mineralis'n was final event in the Tertiary
sequence of dyke intrusion, folding, & faulting.

C. J. Carlon (1981) "The Gallantry Bank..." p 13
Malachite, azurite, ~~asbolite~~, baryte ✓

G. Warrington (1979-80) "Non-fer min'g in N. Shropshes". Shrops
Caving & Mining Club Journ 1979 (Pub 1980) 9-20
"Clive mine" [SJ 514 240], 3 sh's & ~ 1 ml of u'g'd w'kgs
Stops → 20 ft wide. Max depth ~ 80 yds. History.
Early 18th cent (poss earlier) → ~~18th~~ mid-19th cent.

GRINSHILL MINES, Clive, Shrops (III)

RSWB, David Thomson, Ike Wilson & members of Shrops
Mining & Caving Club (19/2/89)

Explored upper stopes of Clive mine, entering by short shaft on E side of road SSW of the church. Extensive workings along NNE-SSW vein; few side tunnels. Main vein slickensided with baryte, secondary (recementing) quartz. Trace only of sulphides, but "pitchy copper ore" in main vein. Baryte - goethite rich, very small side veins on W side. Copper impregnations mostly on W side of

main fault-vein are variable in colour
& composition from chrysocolla to white
(quartz + H₂O; IR). looks as though the
silica acted upon by Cu sol^{ns} → the
chrysocolla. On surfaces, eg. # veins,
cavities, joints, is microcline radiating
malachite. One spec azurite with
malachite in non-cemented sandstone
[i.e. no (quartz + H₂O)]. Some gypsum xls. goethite
(^{sometimes} green) Liesegang ring phenomena in
mineralised parts of the workings only.
Some tough black discoid patches in
sandstone are rich in Co & Cu - Microprobe
gives Co ~ 48% Cu ~ 7% - IR no OH visible.

GRINSHILL MINES, Clive, Shrops (IV)

Upper level checked by Geiger counter.
some patches v. slightly above background

J. Thomson, Priv. Comm 24/4/89. The man from
the Geo. Co. in Shrewsbury claims that
they checked out Clive mine & found
appreciable radioactivity in the lower
level & also found bismuth.

D. Thomson (1992) "A geological report on Clive
copper mine" for Shrops. Co. Council. 47 pp,
maps, diagrams etc. (PTO)

Detailed report on geology & mineralisation; of other locs in Shropps/Ches Trias.

"Copper ores"; "copper oxides"; mal.; azur.
"copper sulphide"; chalcopyrite; "pitchy black copper ore"; chr'colla; "manganese";
"wad Mn hydroxide"; "Cobalt"; "heterogenite(?);
"(Mn Co Cu)"; "Fe oxide of Co"; asbolite;
"Iron ores"; "Iron oxides"; "iron protoxide"; "iron sesquioxide";
"iron-hydrox"; goethite; "zinc";
"lead"; kaolinite; baryte; gypsum; strontium;
chalcedonic silica; "radioactive minerals";
Haematite (on map)

HADLEY, or Wellington, Shrops.

? of "Hadley, Wotes" [q.v.] ("Copper ones")

1" 119 SJ 70 05

HALESFIELD COLLIERY, Madeley, Shrops.

1" 118 SJ 43 09

HANWOOD COLLIERY, Pontesbury, Shrops

On $2\frac{1}{2}$ in map - "disused".

HARMER HILL, Shrops.

See also PIM HILL;

D.C. "Treatise on Metalliferous..."

Davies, "Met. Minerals + Mining" (1888), 289: platinum
obtained in grains from veins in the Keuper
sandstones.

Mining Journal (1878) 48, 625

HAUGHMOND HILL, Shrewsbury, Shrops.

TMH (1868), 66. Bitumen, in Cambrian schists.

G+L (1858): Asphaltum

C. Ricketts, Proc Liv. GS (1886) 5 131 "On bitumen in
the palaeozoic rocks of Shropshire".
Mineral pitch in crevices in shales &
slate of Haughmond Hill, exposed in
quarry near Downton [ie SJ 54 13]

1" 118 5929

6" Shrop 15 SW 5929

HAWKSTONE, nr. Marchamley, Shrops. SJ 588 293 (I)
See also WIXHILL, Weston-under-Redcastle.

SRMRGB xxx "Cu." (1925) p 20. Old shaft in Terrace Plantation ca.
 $\frac{1}{2}$ mile S by E of Hawkstone Hall, at S End of Hawkstone Hills.
Includes nests of crystalline calcium carbonate; azurite; wad.

O. Davies "Roman Mines in Europe" (1935) p 159: Copper mines of Hawkstone Park cannot
be proved to have been opened before 17th Cent.

567292
Geol of Wern (1925), 41 Hawkstone - Grotto Hill [573298] - dissem.
barite. In the lane running NW from the
Hawkstone Hotel to the old windmill, white & pale
yellow sandstone, overlain by the waterstones. The
sandst. dips N at 5° & contains nests of barites xls
in cavities. Similar in road cutting 300 yds E

of the shalisk in Hawkstone Pl. [ie ca. 581-2, 293] - baryte xls
in nests and pockets. Fault at NW foot of Red Castle Hill, 600
yds N by E of Hawkstone Hotel, carries CuCO_3 but not worked. 2?

GS 1" (138) shows "Mineral Vein" at Grotto Hill at ca 570294 -
572299.

RSWB, TG. 4/3/62. Vol II, p 11. In lane running NW from H. Hotel - loc is
on ENE side of lane ca. 100-150 yds from the hotel, near
56652935. white opaque, brittle sheafy baryte filling
cavities in sandstone. Poor stuff.

Murchison "Silurian System" (1839) [Quoted by OW Jeffs Proc LincGS (1886)
5139-144]. Marchamley, Hawkstone Hills. Veins of chalcedony
(with nests of x-lised carb. of lim), blue carb of Cu, & black ox.
of Mn, dissemin. both in particles & in small veins.

HAWKSTONE,

Shrops

(II)

The surface of the sandstone near the Hermitage,
Hawkstone Hills, is occas. bright green.
sometimes lichen, sometimes green carb. of Cu.

OS 1" map The Hermitage, SJ 577 271. Grotto Hill 572 298.

OW Jeffs Proc Linn GS (1886) 5 139-144 green carb.

of Cu, patches in sandstone at entrance to
the Grotto, Hawkstone Park. ~~green~~

C.J. Carlon (1981) "The Gallantry Bank..." p. 14-15

Small SHAFT at 587 292 10ft to 8ft level to
20ft level - filled in ~ 1977.

SHAFT at ~ 576 295. "Cave" on top of Grotto Hill.

Azurite, malachite, baryte

HAYTONSBENT, nr Ludlow, Shrops.

Is this GEL's Olivineite loc???

OS 6" Shrops 71 NE has "Old Copper mine" at SO 517 811
at Upper Hayton. Plenty of "Old Quarries"
about, too. Is ca 3 mi N of Ludlow.

R. Murchison, "Silurian System"

PSWB 5/4/64 See Vol IV pp 92-93. Matrix light grey
sandstone. Calcite scalenohedra lining joints
dissem chalcocite alt'g to "copper pitch"
e ? chalcocite, all alt'g to malachite

DC Greig et al "Geol of Church Stretton..." (1968)

Old shaft at 518811 - rock with thin films of
malachite, worked intermitt. for Cu → 1919.
Locals say adits were opened at roadside
e mine said to be medieval or Roman.

1" 129

50 39 87

HILLENF FARM, Lydbury North, Shrops

D.C. Greig et al "Geol of Ch. Stretton..." (1968)

Baryte veins in old quarry at
398 877, NE of Hillend Farm and in
another, 820 yd W 25° N of the farm

HOPE VALLEY MINE, Worthen, Shrops.

See E. ROMAN GRAVELS MINE.

HUGLITH MINE, Rattlinghope, Shrops (I)

See also WESTCOTT MINE; RIDDLES WOOD LEVELS

Bull. 14 (1958) 36-38, Map, p 34; photo opp. p. 38.

Baryte veins from lin to several ft thick of almost solid baryte (mainly pink, some white) with occas. quartz veinlets. Some veins stained with secondary copper minerals - chalcocite, azurite, & malachite, and with mineral pitch. Calcite.
 "Galena absent"; worked 1910 - ca. 1945

Veins: Huglith MAIN or No 2 VEIN; RIDDLESWOOD V; MUD V;

Shaft, etc: DRAINAGE Lev (250 ft); MAIN Sh 630 yd SSW of Huglith Farm. ADIT Lev; BADGER Lev; BADGER HOLE ADIT,

RSWB, T.G. 3/3/62. Full Repts Vol II pp 8-9. Quartz; baryte (platy, white $\rightarrow$ pink)
malachite; ?aurichalcite*; chalcocite; chalcopyrite; calcite.

RSWB, G.R. 11/4/62. Vol II pp 36-37. Photos pp 46-47. Additional mins:
a little pyrite; peculiar radiating to botryoidal
off white calcite [checked IR, SG, chem].

From vein exposure: Malachite needles, baryte, pitch
& dark blue lustrous covellite looking just
like covellite. [X-rayed by J. Zussman - "not covellite,
not in ASTM". Sent to BM - is covellite!]

*
5/70 ?Aurich. ~~solid~~ sol dil H_2SO_4 , NO EFFERV.; NH_4 mercurithioy $\rightarrow$ almost Zn-free.
 $\therefore$ Devilleine

BM: Pyrrhotite; calcite; baryte; quartz; chalcocite; Devilleine
BM 1960, 263. Erythrite, pink smears with chalcocite in baryte.
(RFD Parkinson. Aug. 1960).

HUGLITH MINE, Rattlinghope, Shrops. (II)

Roy Statkey, Priv. Comm. 11/81. From the
main level, BADGER LEVEL, native
copper.

1" 119 SJ 713056

KEMBERTON COLLIERY, Kemberton, Shrops

KETLEY, Wellington, Shrops.

TMH (1868), 66. Haematite, in Coal-measures

The KNOLLS MINE, Wentnor, Shrops.

See also SQUILVER MINE.

Bull 14 (1958), 40. Map facing p. 4.

Trials to W of Squilver Farm (workings to E of farm = Squilver Mine). Adit, portal 600 yds W of farm driven 48 yds WNW in 1943 failed to prove baryte vein. A series of other trials proved thin veins of baryte.

KNOWLBURY, Shrops.

N.B. Knowbury at 50/5774

MM 28 246. Finely divided anatase in fireclay.

LADYWELL MINE, Shelve, Shrops. (I)

Bull. 14 (1958), 18: Veins: LADYWELL V.; POOL V.; NEW BRITAIN V.;
FIRST ROMAN V.; SECOND ROMAN V.; FIRST NEW VEIN;
MORE'S V.

Shafts, etc: WOOD LEVEL; LADYWELL PIT on intersec. of
Ladywell V & First New V; NEW ENGINE Sh., on Pool V
Map, p. 9.

Dumps round Ladywell Pit have calcite with blende and
some copper staining. Galena. Crop workings
on New Britain Vein, & - a trench for 350' in a S. direction
from 500' S of New Engine Sh - yielded cerussite
(Murchison (1839) p277)

AWG-K: Pool Vein Engine Shaft - Pyromorphite, olive green xls
[Pro!]

II, 87-8 ; III, 57

RSWB, 8/4/62. Vol II, p 32 ; RSWB, GR, TG, 10/4/62. Vol II p 36. Photo p 48.

Pool Vein, New Engine Shaft dumps: Calcite; quartz, incl. grey xls;
blende; galena; pyromorphite coatings (not common) limonite
malachite; brochantite [checked IR 25/5/62. New loc]; superb
linarite; beautiful cerussite; light blue xls, looking like
caledonite, with linarite & brochantite [X-rayed by
J. Zussman - "not caledonite & not in ASTM". Sent to BM. → some is
langite [new loc] some is a new mineral [!]] ~~skel~~ ^{wroewolffite} ~~pyrite~~ ^{chalcopyrite}, galena
pyrite; yellowish earthy ~~brochantite~~ checked by IR. New loc
anglesite; ?aurichalcite. Jarosite → Zn-free ∴ devilline
BM 1949, 129 Linarite, blue xls, with cerussite, quartz & goethite
Pool V. Engine Sh. dumps (Coll. AWGK, 1947)

Brooke & Albutt (1973) 29-31; map p. 29. History.

Ammon
Hg-thiocy
test.

LADYWELL MINE, Shelve, Shrops. (II)

RSWB, Min. Record (1982) 13, [3], 167-170, 174.

"Wroewolfeite in Britain". Illustr., descrip;
mineralogy. galena, sphal., chalcop.,
some pyrite, in calcite, quartz,
goethite ("limonite"); jarosite, pyromorphite;
cerussite; anglesite; malachite; beaut.
linarite, brochantite & langite (illustr.) x1s;
devilline; wroewolfeite (illustr.), & for
which this was 1st locality (found 1962).

LEATON Q., Wellington, Shrops.

BMSN (2001), 60, 16. P. Fitzgerald & A. Lockwood:-
"very nice pinkish calcite/dolomite in a
basaltic matrix" from LEATON Q, nr
Wellington, Shrops.

LEEDS ROCK HOUSE MINE, Wentnor, Shrops.

See ROCK MINE.

LINCOLN HILL

Shrops.

TMH (1868), 66:

Petroleum

LINLEY CONSOLS MINE

Shrops.

F. Brook & M. Allbutt (1973) "The Shropshire Lead
mines". p 85. Listed as an unsuccessful
trial.

LINLEY PARK Staffs? Salop?

B. Gazz: Linley Wood, Staffs - 1 m W of Kidsgrove. Not far from MOW COP.
But B. 5039 3493 Linley Hall, wood, & Hill, nr Chilton Mine. Shelve district !!

O. Davies: "Roman Mines in Europe" (1935), p. 159: old copper
workings reported at Linley Park & Lythe Hill
(West, "Roman Britain")

LLANYMYNECH { HILL
MINE, Llanymynech, Shrops.
See LLANYMYNECH MINE, Carreghofa, Montgom.

The Hill and mines are in Montgom. The
count(r)y boundary skirts the hill

and QUARRY

1" 117

SJ 27 23 24

LLYNCLYS HILL, Llyncllys, Salop. (I)

See also LLANYMYNECH MINE; CRICKHEATH HILL; OSWESTRY

Geol. of Oswestry (1929) 194 Lead veins (ore generally galena, less commonly cerussite) in Carb. Lim. (L. HILL).

BMS Newsl. (2001), 60, 16. Austin Lockwood:— a nice specimen of "cornwallite" or "bayldonite"(?) from "LLYNCLYS Q'y, nr. Oswestry".

BMSN (2002) 62, 8-10. D. Green. Field trip. Dolom ls & mudstones. Cu mins in several areas as small pods & irreg vein infills; highly ox. Malach mostly not well xlied but some xls & drusy

crust. Ch'py most oxid'd. One cav found
~ 100 x 100 x 20 cm, green-stained w. greyish
calcite & powdery mal; azurite around
it mostly porcellan crust - some with
traces of xl development. "Limouite"
gozzan, haem stains, "nailhead" calcite,
ankerite or ferroan dolomite. Pyrite.
No sign of arsenates.

[NB Malach/Cu₂P @ WHITEHAVEN Q'y, just to N]

RSN(2004)45, 38. Visit. "LYNCHYS Q'Y" SJ 265 244
malachite, small nod azurite with well xld micro-
vugs in cores. Small pyrite xls. A good chalcopyrite
"well xld, striking, ~ 2 x 3")

LLYNCLYS HILL & QUARRY, Llyncllys, Shrops. (II)

R.S.N ('05) 46, 30-32. V. succ. field trip, 18/9/04.

L. QUARRY, at SJ 265 244. Working. Top level marl, some iron concretions. Down ramp $\rightarrow$ bottom, in limestone. $\rightarrow$ Bright blue non-xl patches. Up old ramp to next level $\rightarrow$ "Cu cave". Large spec's w. superb Cu₂S (x-line masses to ~ 25 x 15 cm; 4mm xlg coating dolomite xls; up to 15 cm of overlapping Cu₂S xls coated w. crystalline malachite, "dinner-plate" sized Cu₂S + mal; a single 1 cm tetrag pyramid Cu₂S xl coated w. mal). Cuprite & aurichalcum in a galena-containing boulder.

RSN('05) 47, 45. good calcite, nice chalcopyr-
malachite; ? erythrite pink micro-balls
(visual ID) around a bright silvery co-
mineral - (?).

RSN('06) 42, 27, 29. Co-Ni-mineralisation recently
found in "Cu cave" area, incl. erythrite and
gersdorffite. Good mal, cupy, azur,
drag needle & prays.

Condover

SI 451 47007

LYTH HILL A Salop.

B. Gazz: 4 m SSW of Shrewsbury.

ODavies. "Roman Mines in Europe" (1935) p 159: Copper mines. Old
copper workings reported at Linley Park & "Lythe Hill"
(Ref: West; "Roman Britain"), but no proof that Roman.

Bull 14 (1958); 33: Murchison (1839), 261 mentions Cu ores
at Lyth Hill (5 m NE by N of Habberley).

SJ 69 04

MADELEY, Wellington, Shrops.

NOT = MADELEY, STAFFS (SJ 74)

TMH (1868), 66: Petroleum; in coal-measures

G+L (1858): Petroleum.

Madeley parish.

Porcelain-jasper in

1" 129

50

400

947

MEDLICOTT

Shrops.

See also RATHINGHOPE

Bull. 14 (1958), 33

Murchison (1839), 261 records an occurrence

[of Cu mins.] at Medlicott, $1\frac{1}{2}$ m. S of Ratlinghope (qv).
 worked by the Scailbeach Co., presumably late 18th
 or early 19th cent.

AWGK: shaft + level (Cu) marked on 6" map; should
 be examined. Has cuprite, etc

G. Mus. Cat: Bornite.

D.C. Greig et al "Geol of Ch. Stretton..." (1968). Shaft
 & level 60 yds N of Hall Fm. On dumps,

Very quartz, calcite, traces malachite
e chalcocite.

MIDDLETOWN HILL MINE, Middletown, Shrops.

See BULTHY MINE.

MINSTERLEY Shrops.

~~See also~~ CALLOW HILL, SWAILBEACH MINE (Worthern),

RFD Parkinson's Catalogue (1960) ["Cranmore, Shepton Mallet, Som"] : Witherite,
white, divergent, crystalline, subtranslucent.

SRMRGB "Ba..." (1916) p. 50 →.

G-S 6" map Shrops 40 SW. Pb shafts with level & dykes,
due E of Minsterley. [CALLOW HILL]

BM: Smithsonite.

1" 117

SJ ~~245~~ 253
251 258MOELYDD, Trefonen, Shropshire.

GS 1" (O. Ser) shows two short 11^e Pb veins at above. loc, near Moelydd.

Geol of Oswestry (1929) 104. V. extensive trials for lead in Carb Lim. but "no ore ever found" & "no trace in the tips". p192 Doubtful whether any ore found in the veins of spar (see B. Smith SRMRGB 19 (1921))
ca 1944 under "Cu" Crystals of chalcocite in pre-carbonif ~~rock~~ igneous rock of Moelydd.

B. Smith "Pb/Zn ores, Carb Lim of N Wales" SRMRGB 19 (1921) p116:-

MYTTONS BEACH MINE, Worthen, Shrops.AWGK (Rev. Comm.). Pyromorphite, rarely.Bull 14 (1958) p 25, Map fac. p. 22.Little known of this mine. Pres. on
MYTTON DINGLE VEIN.Brook & Allbutt (1973) 83. HistoryRSWB & R. Lamb 29/10/83. Smallish dumps
on both sides of valley floor not far
from head of valley, derived from
nearly-blocked adits. Shaft (no dumps
assoc.)

among rocky outcrops on S side. Scree-dumps on N side are derived from upper dumps of Perkinskeach mine [q.v.] on saddle between the two valleys.

Not rich in minerals. Baryte; some quartz; galena; thin films sphalerite, a little cerussite & pyromorphite, thin coatings ? jarosite.

NEW CENTRAL MINE, Worthen, Shrops.

= SOUTH SALOP MINE = NEW CENTRAL SNAILBEACH MINE

Bull 14 (1958), 24. Map facing p. 22.

Veins: SOUTH V., SANDHOLE V., STONY DINGLE V.,
ROBB (or ROBERT) EVERAL'S VEIN.; TAYLOR'S V.

Shafts, etc: ENGINE Sh., Deep drainage adit,
portal 480' SE of 2nd milestone from
Minsterley on Church Stoke Rd. Two other
adits

Lead ore raised in 1871, 1872

NEW CENTRAL SNAILBEACH MINE, WORTHEN, SHROPS

See NEW CENTRAL MINE

NEW VENTURE MINE, Worthen, Shrops.

See PERKINSBEACH MINE.

NICK KNOLLS MINE, Worthen, Shrops.

Bull 14, (1958), 14: Two veins, 50yd apart. NICK KNOLES V. & BIG VEIN.
Latter chiefly baryte, with some calcite & galena
worked from NICK KNOLLS Sh., on NK vein, & adits (Nos 1 & 2)
Map, p 9.

Brook & Allbutt (1973) 84-85. History

1" 118

SJ

395 052

NILLS HILL, Pontesbury, Shrops

C. Ricketts, Proc. Liv. G.S. (1886) 5 131.

Pitch, in cavities in quartzite band.

NIPSTONE MINE, Wentnor, Shrops.

See BOG MINE.

NORBURY MINE, Norbury, Shrops.

Dines.

Bull 14 (1958), 41 Map facg. p 4.

Murchison (1839, p 261) refers to Cu ores on Norbury Hill. Three veins close together - No's 1, 2, & 3, opened up by two shafts 350 yd N by W of Clapper Farm 30 yd apart in E-W direction on S ends of known extent of the veins. Murch. says veins "abundant" & "much worked" - but now little traces of activity. Recent small trials revealed, in a cutting nr E side of No. 3 Vn. & 300 yds N of shafts, a specimen assaying 1.4% Cu, Zn, 1.9%; Sb, 0.9% & an adit, driven SW for a few feet ^{under} from 500 yd N by W of shafts was on

another copper vein. Pink barite revealed in
pit 530 yds NW of the copper shafts.

DC greig et al "Geol of Ch. Stretton..." (1968). Several
old shafts, prob. for copper, in
SHUTTOCKS wood nr Wentnor, at 373922 [ie
in Norbury PH]. Fits Murchison's
descrip of Norbury Cu veins better
than does Dines' Norbury Hill loc
[v supra]

NORTH TANKERVILLE MINE, Worthen, Shrops

See ROUNDHILL MINE.

OLD GRIT MINE, Shelve, Shrops.

See EAST GRIT MINE

1" 118, 117

ST 2 2

OSWESTRY, Shrops.

See also LLANYMYNECH HILL ~~CRICKHEATH~~ (MONTGOM); LLYNCLYS HILL, Q

TMH (1868) 66. "Diallogite" (= Rhodochrosite) "near Oswestry"

GR L (1858), 293 "Diallogite" at the Hon. Mr. West's mines, near Oswestry

This rhodochrosite loc is almost certainly Llanymynech Hill, Montgom.

Crystal Vine Cat (8/04) Malachite on alt'd chalcopryrite in gozzany matrix, from WHITE HAVEN Q'y [26 24, oppos. Llyncllys Hill] = LLYNCLYS Q [QV] QV

THE OVENPIPE, Worthen, Shrops

See TANKERVILLE MINE.

PANT, nr Oswestry, Shrops.

See also CRICKHEATH HILL, EARDISTON

Just E of Llanymynech Hill (q.v), 5 ml from Oswestry.

Davies (1888), 137. Gives a section of limestone strata and cupreous shale bed at Pant. Numbering of strata, however, corresponds with description of strata at Eardiston (q.v).

1" 118

SJ 4829

487 214

PIM HILL (Harmer Hill) Preston Gubbals, Shrops.

(I)

See also ~~HARMER HILL~~.

SRMRGB XXX "Cum" p 19 (1925)

AW&K, Min. Mag. 31, 293 (1956)

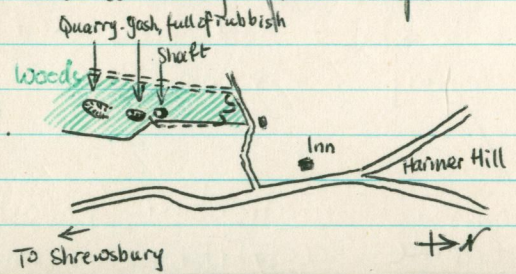
AR, also AW&K. Motttramite on brown sandstone.

7 vanadinite

AW&K: opencasts, collapsed levels, etc, on hill. Ore sent to Motttram St. Andrews, Cheshire, for leaching, at time when (a) Motttram mines not working (b) Roscoe was collecting from heaps there. at beginning of the century.

RSWB 15/8/61 Quick look. No mins found.

Typical light brown sandstone matrix much organic blackening confuses picture. Overgrown. No caving (Correct - AW&K).



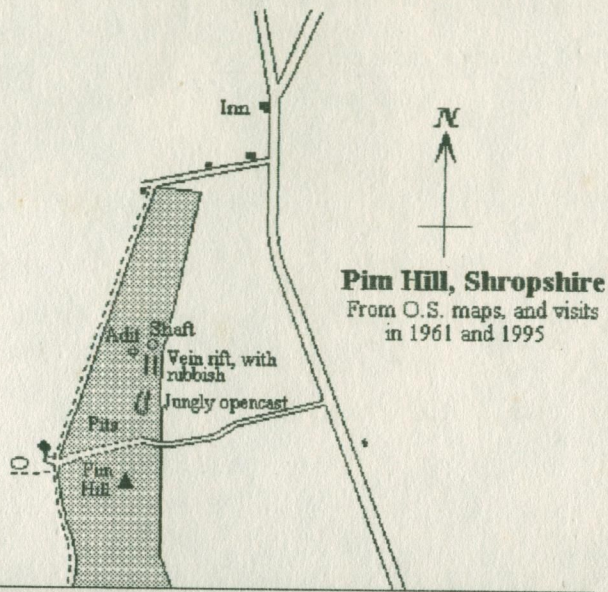
Pocock & Wray

Geol of Wern (1925), 89: Fault runs N-S on N-S scarp from Newton-on-the-Hill, to the S of Pim Hill. Carries Cu ore, esp betw top of PH & a point 600 yds to N. Traces Co & V also. Much mining & excav. 50 yrs ago. 3 shs along vein, at 600, 500, & 400 yds N of summit. A small level from foot of scarp opp midd. sh. driven to vein. All covered now w. a thick plant'n. Between N & midd. sh's. some surface excavs along vn. Xcav's to S of S sh. — here bott. of large qy 40 x 6-10 yds full of broken rock w. much Cu ore (green). E wall of qy has ca 15' hard white & yellow sandst (Grinshill Sandst.), in places slickensided. W face has 20-30' dull-red compact ? Bunter sandst with ribs of hard cream-col'd joint rock ||r to two small faults crossing main v'n. in NE-SW dir'n.

C.J. Carlon (1981) "The Gallantry Bank..." p 10-13

Refers to malachite (Pocock & Wray, 1925) ["green cu ore"]
Baryte, asbolite, "vanadium" [ore]

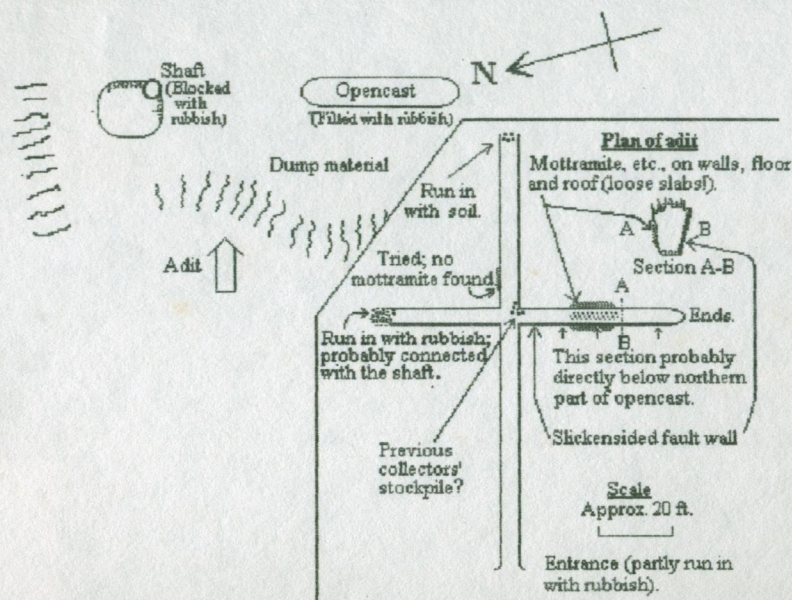
PIM HILL, Preston Gubbals, Shrops (II)



P.O. Box 35565 (USPS 887-700)
Tucson, Arizona 85740 U.S.A.

J1W Feb 1996 noted report of small earthquake (3.2? on Richter Scale), epicentre at Harmer Hill !! Adit re-investigated March 1996 - obvious damage to rotted trees in woods outside: - inside adit a thick layer of dust over everything including material stacked a few weeks ~~months~~ before - amazingly enough, the "loose" slabs in the roof remained in place!

RSWB & JIW (2/95). See sketch (PTO). Green
coatings penetrate into sandstone where
shown. Mostly chrysocolla; some quite
solid, ^{compact radiol.} some ^{fibrous} looking (FTIR); in it,
in cavs, some malachite (FTIR) needles (Microch
(95-10) (noisy)
On the surface small blades give
FTIR near wroewolfeite (eg 95-4). Some
near-white is also chrysocolla 95-7 (FTIR)



1995-6

Spec's coll. TIW & in part M. Colledge from the adit display excellent & often rich mottanite, from confused blackish crusts to distinct pointed xls, from brown-black to orange-brown, occas. greenish brown, sometimes orange spheroidal "campylite-like", sometimes as a dull yellow powdery crust between the sandstone matrix & the obv. xline mottanite. All give similar FTIR spectra.

Black soft botry material associated gives an FTIR spec with one strong abs. band at $\sim 510-520 \text{ cm}^{-1}$

PITCHFORD, Shrewsbury, Shrops.

TMH (1868), 66. Petroleum in Coal-measures.

G+L (1858): Petroleum

PONTESFORD HILL, Pontesbury, ShropsBull 14 (1958), 35 Map on p 34.

Baryte vein crosses S spur of hill ca 200 yds
S of the ancient earthwork on summit of Earl's Hill.
6"-1 ft wide. ~~wooded on surface~~ Opened up on surface
for ca 300 yd. Not exploited yet. On W the
Baryte is pink & massive; on E, intergrown
with quartz & brownish calcite.

POTTER'S PIT, Wrotham, Shrops.Bull 14 (1958) 27: Map facing p. 22. $1\frac{1}{2}$ ml E of Shelve. At one time, part of TANKERVILLE
GT. CONSOLS.Veins: BEN ARTHUR'S VEIN. Also "said to be" GOOD-AS-
TUESDAY or GODDEST TUESDAY V, "E of the shaft";
PUMP SUMP V., RED V.Shafts etc. Chief = OLD SHAFT, 40 yd NW of Kennerley Methodist
Chapel. Connects w. BOAT LEVEL. Sunk to the
90 fm Level below adit (366 ft).Lead ore. "zinc ore & baryles not raised".

Brook & Allbutt (1973) 63. Map, 62.

RATTLINGHOPE,

SO 4 9
Shrops.

See also MEDLICOTT

SRMRGB XXX "Cu..." (1925), p. 57: S of Wilderkey Mine. Trials, giving traces of copper ore.

Bull 14 (1958), 33: Murchison (1839), 261, mentions Cu ores around Ratlinghope (4½ m s by E of Habberley), where chalcocite; malachite; azurite in thin films, strings, & nests in veins of white quartz seldom over a few" wide. traversing sediments near trap intrusions

TMH (1868), 66 (Cu). Malachite; chalcocite.

DC Greig et al "g. of Ch. Stretton..." (1968). Murch (1839, p 261) records unsuccess. trials for Cu ore nr. Rattl. village

PENNERLEY MINE (nr Bishopscastle) Shrops.

GM Spec: Asphalt on calcite, Pennerley lead mine,
nr. Bishopscastle, Shrops.

TMH(1868), (66). "Penallay Mines, Church Stretton" (Pb). Calcite;
galena; petroleum.

HGD, Bull. 14 (1958), 28. Map fac. p. 22.

At one time part of TANKERVILLE GT. CONSOLS.

Veins. BIG ORE V., WARM WATER V., BLACK V., BEN ARTHUR'S V.,
EAST-AND-WEST or RIDER V.

Shafts etc. BLAND'S SH., GIN SH., ENGINE SH., BOAT LEVEL,
(which connects to the ADIT LEVEL).

Lead ore; zinc ore; barytes - white to transparent &
only a small propn stained with mineral pitch.
Dumps picked for baryte in 1914 war & chief spar
is now calcite

RSWB, T6. 4/3/62. Field Reps Vol II p 9-10. Quartz; calcite; blende;
galena; baryte; pitch; chalcopryite

Brook & Allbutt (1973) PENNERLEY, PENNERLY. 50-54.
Map, p. 51.

SO 363998- SJ 371002
SR 367949

PERKINS BEACH MINE, Worthen, Shrops. (I)

= NEW VENTURE MINE

BM: Pyromorphite. "Perkinsbeach Mine, Shelve, Shrops."

AWOK: Pyromorphite.

Bull 14 (1958), 25. Map, fac. p. 22.

Veins: BIG SPAR LODGE, CRISSOR CROSSES V.,
WALKER'S V., GWILLIAMS V., PITCH V.
CHIMNEY PIPE

Shafts, etc: MADDUX SH (Big Spar Lodge), DEEP ADIT
LEV., DAY LEV., "HIGHER WORKINGS" (Two

levels), "LEWIS'S EXPLORATION" (Two levels). TOP
LEVEL on Big Spar Lode in New Venture Section. DEEP ADIT
CROSSCUT; A day level on Criss V.,

Lead ore; "no yield of zinc ore"; barytes (1884-1924 from
Big Spar Lode). &

Big Spar Lode: galena; baryte; calcite; pitch;
Other veins: "patchily mineralised with galena."

RSWB, TG. Vol II, p 86 (2/8/62). Dump at 366998 has blende; ?jarosite; galena;
cerussite; quartz; calcite; baryte; pyromorphite (rather weathered)

Brook & Allbutt (1973) 83-84. History.

PERKINS BEACH MINE, Shelfe, ^{Worthern} Shrops. (II)
~~See under Worthington~~

BM spec: Pyromorphite.

RSWB & R. Lamb 29/10/83 Old, grassed-over
dumps & vein opencasts along
S side of valley. Big, old ? ~~plant~~
dumps at bottom son 363 998. Dumps
also at various points in valley all
way up to saddle at SJ 370 002,
where debris spills over into Mythonsbeach
valley.

Baryte, various habits, opaque to
near-transparent - good but weathered

crystals (eg $\diamond$, blocky, platy, "with the indicator habit"); some quartz; galena; good cerussites; good pyromorphite, small green crystals.

RHADLEY STIPERSTONES MINE, More , Shroops.

See RHADLEY MINE.

SJ 405 019

RIDDLES WOOD LEVELS, Rattlinghope, Shrops.

See also HUGLITH MINE

AWGK, priv. comm. 1962.
outside level.

Superb azurite on dump

RSWB, TBG, JRK 8/4/64; 26/4/64 See Vol IV pp 93-95; 105-108
Vg Azurite; malachite; baryte; chalcocite;
? langite; galena; quartz; pitch.

SO 279 979

RIDGE HILL MINE, Chirbury, Shrops.

Bull 14 (1958), 12 Commenced 1919. Baryte.

RITTON CASTLE MINE, Wentnor, Shrops.Bull 14 (1958), 29. - WEST STIPERSTONES MINE Map fac. p. 22.

Main vein 2-3 ft wide. (Murchison, (1839) 282)

Two shafts, an adit, & a trial shaft. Adit portal
100 yds NE of the farm.Lead ore.Brook & Allbutt (1973) 75-81, map 76.

History

ROCK MINE, Wentnor, Shrops.

Bull 14 (1958), 32. = ROCKHOUSE M. = LEEDS ROCK HOUSE M.

Map. fac. p. 4.

vein 2-3 ft wide with galena & bauxite in sporadic bunches. Galena also as strings & crystals scattered in quartzite near vein.

A level on vein, also NEW SHAFT.

REDNAL MINE, West Felton, Shrops.

See EARDISTON

RHADLEY MINE, More, Shrops.

See also CEFN GÜNTLY MINE

Bull 14 (1958), 32. = RHADLEY STIPERSTONES MINE. Map fac. p. 4.

Near summit of hill at 850 yds SE of Brook House.

Vein is barite, with a little calcite & a few
small scattered galena xls.

ROCKHOUSE MINE, Wentnor, Shroaps.

See ROCK MINE.

ROMAN BOUNDARY MINE, Worthen, Shrops.Brooke Allbutt (1973) 85. Map 24.

On W side of road, opposite E-Roman
gravels - a shaft sunk to try W
continuation of E.R.G.'s veins.
Unsuccessful.

ROMAN GRAVELS MINE, Shelve, Shrops.

See also EAST ROMAN GRAVELS MINE, S. ROMAN GRAVELS MINE.

Bull 14 (1958) #1. Worked by Romans "down to >100'" (Morton. Proc. Liverpool Geol Soc 1 (1869), p. 26)

p. 16-18: Veins: ROMAN V., CAUNTER or FIRST NORTH V., SECOND NORTH V., SAWPIT V., SPRING V.

Shafts etc. OLD ENGINE Sh., NEW or MAIN ENGINE Sh., DAY LEVEL, ADIT LEVEL; BOUNDARY or E. ROMAN Sh.; WOOD LEVEL; SPRING VEIN PIT.

Calcite; galena; blende; quartz; baryte; pyrite; "a little malachite staining"; "pseudomorphs after fluorspar".

May include WEST ROMAN GRAVELS MINE

Map.

Section

p. 9

p. 7

Morton. Proc Liv GS 1 (1869) 38-9. "Pseudomorphs of fluor";
malachite

RSWB, T6. 10/4/62. Vol II p 36. Examined middle part of
dumps, by stream, near 332 998. Calcite; baryte;
good blende, some altering to "calamine" coatings;
galena; chalcopryite veinlets.

Brook & Allbutt (1973), 32-39; section, p 33; map, p 41.
History

50 30s 998

RORRINGTON MINE, Chirbury, Shrops.

or W. SNAIL BEACH MINE

Bull 14 (1958), 12: barite; calcite; witherite; fluorspar;
scattered xls galena & blende.

RSJB, TG. 9/4/62. Vol II pp 33-4. Old, scattered dumps. Plenty
barite, some clear plates, & fragments of large xls;
calcite; some galena; some quartz; small xls
ruby blende on higher dumps.

ANK Ident by OR (I-R) Hemimorphite, large (ca $\frac{1}{2}$ cm)
octahedron-like crystals - ~~intergrown~~ group of crystals,
stuck together.

Brook & Albutt (1973) 82. History.

RE Stanby, N Hubbard & B. Young (1994) "Barytocalcite
& witherite from Lorrington M., Chirbury, Salop,
England" J. Russ. Soc. 5 [2] 115-118

Barytocalcite compact creamy-white xline
masses $\rightarrow$ 50 mm within baryte-witherite-calcite
limestone with fluorite in places. Isolated
 < 1 mm xls chalcopyrite. Some ba-ca xls
 $\rightarrow$ 7 mm in cavities. Ident - XRD & IR ~~data~~
The fluorite c'less $\rightarrow$ greenish masses; xls rare.
Calcite, galena, sphalerite, CdS (unid), quartz,
marcasite.

1" 129

50 351 996

ROUND HILL MINE, Worthen, Shrops.

= NORTH TANKERVILLE MINE.

Bull 14 (1958) p. 26. Map, fac. p. 22.

Baryte; galena; calcite; blende absent;
small xls chalcocite; green copper stains

Brook & Allbutt, (1973) 84. History

SALLIES MINE, Rattlinghope, Shrops.Bull 14 (1958) 39-40. Map p. 34

Two veins 50 yd apart, coursing ENE - N vein has
9 in to 4 ft 6 in barite & S vein has 1 ft barite.
Worked by adit commencing 90 yd S of the ford over
the stream S of Walford's Rough - is a X-cut, passing
N vein ~~20~~ 12 yd from entrance & going 61 yd S by E
to S vein. Started 1937.

1" 129

50 39

SHELVÉ, Shrops.

GM spec. Superb Cerussite.

TMM (1868), 66 "Shelve Mines" (Pb & Cu) cerussite

Rothwell & Mason (1992) UK TMM 11 30-40. Wulfenite,
tiny orange bipyramids, "SHELVÉ MINE"
"338 992" [i.e. just N of the village]
[N. Hubbard, 1990, ident. visually]

SHELVE POOL TRIALS, Shelve, Shrops.

Bull 14 (1958), 21: On a ? vein coursing ca. $N 30^{\circ} E$ — a shaft said to be 78' deep, 500 yds NE by N of Squilver Fm, sunk in 1882, & two adits, (between 1882 — 1886?), one $100^{\circ} E$ by N, & other 400 yds NE, of the shaft. The southernmost adit is driven 34° to W, then turns NNE for 30° , presumably on the vein, then NW for 50° . No known prod'n of ore & min. content not recorded.
Map, p 9.

SHORTHILL COLLIERY, Pontesbury, Shrops.

On $2\frac{1}{2}$ " map - "disused".

SO 37₂ 92₃

SHUTTOCK'S WOOD, Norbury, Shrops.

OS 6" map shows "Old Shafts" in Shuttock's
Wood.

SNAIL BEACH MINE, (nr Minsterley) Shrops. (I)

See also RORRINGTON MINE (W. SNAIL BEACH).

GM Spec: Fibrous Witherite; galena; barytes (interior).

TMH (1868), 66 Pb mines. Baryte; blende; calcite; cerussite;
galena; minium*; pyrite; rock xl.
witherrite;

* [minium - known
 as an artefact,
v. infra.]

Bull 14 (1958), 22. (Map facing)

Veins: MAIN V., BLACK TOM V., SOUTH V.,

QUARRY V & SANDHOLE V. to the N (both Calcite Vs.)

Shafts, etc: OLD or LADDER Sh; ENGINE Sh, INCLINE Sh,
 CHAPEL Sh, BLACK TOM Sh, PERKINS LEVEL,
 YEW TREE L., SCOTTER SCUTTLE,

A Roman pig of lead found at the mine. Pb also
wkg 12th & 13th Cents. Also 18th Cent → 1913 (Ph)
1858 → 1920 (Br).

Main vein has galena; calcite; blende; cerussite; "traces
of copper and pyrite"; quartz; baryte; mineral
pitch; oil
Small amounts of witherite have also been raised.

Monton Proc Liv GS 1 (1869) 38-9. Minium*; cerussite. [v. infra]

RSWB, TG. 4/3/62, Vol II, p 11. Disappointing - obviously well picked-over.
Quartz; ^{a little} galena; baryte; calcite; plenty blende, some in
good xls.

SNAILBEACH MINE, WORTHEN, SHROPS. (II)

Greg & Lettsom (1855).

Calcite, modified scalenohedra.
Witherite, crystallised, fibro-columnar and compact, interspersed with baryte.
Rock crystal; cerussite; blende;
minium [AWOK: "from an old smelting house"]
[G. ~~Shro~~ Cat "in brick"]

BM: Baryte, arborescent aggregate on opaque white crystals of witherite.

Davies (1888).

Massive groups of quartz xls, with galena and blende at the base. Fluorite, found in sufficient quantity for sale. Section given (from Moissenet, Ann. des Mines, ser 6, vol. 9, p. 10)

W. Phillips (1823) Cerussite, "SNAILBACH" in a lead
vein through greywacke slate.

G. Mus. Cat: Old Furnaces: Minium, & galena,
in brick(!)

A. Aikin, Trans. Geol Soc London series i 4 (1817) p 438-442.
"Snailbach mine" Witherite in lower part
of the mine, where vein is v. thick and
sparry - in masses up to 3 cwt! Also:
galena, petroleum, baryte, calcite,
quartz, carb. of Pb [cerussite].

RSWB 26/3/72. Bitumen some in radiating
witherite. Traces cerussite on upper dumps. 1 spec with
pink traces
pyrite
erythrite

SNAIL BEACH MINE, Worthen, Shrops, (III)

RSWB et al. 3/75 Part of dumps being bulldozed. Vg quartz; calcite incl. lilac bevelled rhombohedra partly sprinkled with quartz; galena; sphalerite, some very pale; chalcopyrite xls; pyrite xls; pitch; witherite; baryte; one spec. minium ~~on~~ lead (smelted?); one spec. harmotome small colourless cruciform twins  on calcite [RSWB 75-46]

Brook & Albutt (1973) 64-73. Section, 68. Maps 71, 72. History

Rsnos 27/2/77 Hemimorphite, some bright
yellow (?cds)

Richards L (1992) "Snailbeach lead mine-reclamation
& conservation" Earth Science Conservation,
31, 8-12.

Barytocalcite, possibly.

*The following items are extracted from the North-
ern Mines Research Society (NMRS) newsletter.*

Shropshire RSN(1994) 24

Construction engineers and conservationists have been working together to safeguard the future of endangered bats at **Snailbeach Mine**. Specially designed bat grills are being installed on adits and shafts as part of a reclamation project at Snailbeach near Shrewsbury.

The mines are an important habitat for several colonies of horseshoe bat which use the tunnel systems for hibernation and breeding. The mine shafts have direct access to the deeper levels with a variety of humidity rates and air flows and the bats use different levels depending on the time of year.

Snailbeach was first worked by the Romans and reached a production peak in the 1870's before closure in 1955. The reclamation work is being carried out by Shropshire County Council with a derelict land grant from the DOE and the main

cont'd → (IV)

SNAIL BEACH MINE, Worthen, Shrops. (IV)

contractor is Kinmain Construction of Oldbury, West Midlands.

The first part of a two stage project has involved closing off shafts adits and stopes to make the area safe. A total of 15 of the mine's shafts were identified for treatment and three have been left open and fitted with the grills. The shafts vary between 1.4 and 3.5m in diameter and the deepest runs 505m below the mine head. Many have collapsed and some are still open but flooded to the 102m level.

Kinmain's contract included the infilling of some shafts, adits and stopes mainly with the large stockpile of mine tailings which contain traces of lead, zinc and cadmium dust; an eyesore for local people and an environmental headache for the local authority.

Three separate 10m high stope complexes were identified and ready mixed concrete dropped down to close off the openings. Five of the mine's adits have also been filled.

Contaminated land around Snailbeach Village Hall has been sealed and landscaped and the rest of the 'white mountain' as it is known locally will be profiled and covered with topsoil as part of next year's phase two operations.

Roberts Level

You venture deeper into the mine to old workings, which are just as the miners left them. You can look up into the great stopes, the spaces left by removal of ore, created by miners working only by candlelight.

You will cross a bridge and be able to look down into lower workings accessible only to trained mine explorers.

You are advised to wear wellington boots as water in some places will be over normal boot depth.

Allow 2 hours for the visit.



Group visits

Site visits, led by experienced guides, can be booked at any time between Easter and October, to include both surface and underground tours.

Please contact our tour coordinator.

Mike Moore
Tel. 01952 405105
mike@moorebooks.co.uk
or Steve Holding
Tel. 0785 0492 036

For full details see our website.

shropshiremines.org.uk

or see us at

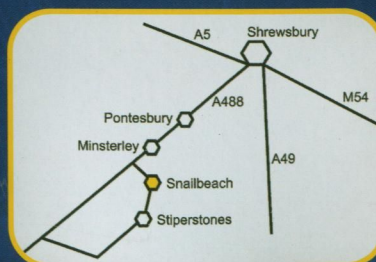
Shropshire Mines on

Facebook and Twitter @ShropshireMines



Visiting the Mine

Snailbeach is just off the A488 (SY5 0NX)
11 miles south of Shrewsbury



Snailbeach Lead Mine

Shropshire



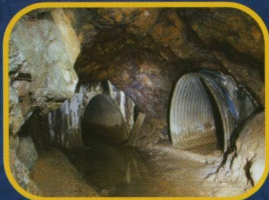
Kelvin@I.A. Recordings

Please check Facebook and Twitter
to confirm opening arrangements.

Welcome to Snailbeach
The best preserved Lead Mine
in The British Isles



The mine is staffed by volunteers and is normally open on Bank Holidays and Sundays from June until October. 11am until 4pm.



There are interpretation panels around the site and when the site is manned, a detailed self-guided trail leaflet (50p) may be obtained from the visitor centre (also downloadable from the website).

Although there is no fee for accessing the site or the buildings, a small charge is made for underground tours.

Visitors are advised to use the private village hall car park as there is solely limited disabled parking at the visitor centre. The only toilets are by the car park.

Please note that the site has many rough pathways, steps and steep hills. It may not be suitable for people with limited mobility.



Day Level

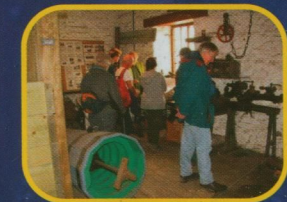


Open when we have sufficient volunteer guides.

A straightforward walk into a mine level along a rail track bed. At the end, you will be able to look 103 metres (336 feet) down into Engine Shaft and see up to daylight to where the Cornish engine house stands. Once pump rods and winding ropes were used in this shaft.

In the surrounding area, displays of mining equipment include a rock drill, trucks and a kibble. Your guide will explain the mining methods and the history of the mine.

Visit takes approx. 30 minutes.



SO 342 995
n343 997

SOUTH ROMAN GRAVELS MINE, Worthen, Shrops.

~~See~~ ROMAN GRAVELS MINE, E. ROMAN GRAVELS MINE

Bull 14 (1958), 18. On Shelfield (Main) Lode, yielding baryte & lead ore. Worked from Engine Shaft 170' SW of Shelfield Fm. & an add shaft 90' E of Engine Sh. Said to be another vein to N, prob. at trial shaft 50' NW by N of Shelfield Fm.

Map, p. 9
Section, p. 7

Brook & Allbutt (1973) 74-5. History

SOUTH SALOP MINE, Worthen, Shrops.

See NEW CENTRAL MINE

1" 129

SO 380 974

SQUILVER MINE, Wentnor, Shrops.

See also ~~the~~ ^{The} KNOLLS MINE; SQUILVER Q'y.

Bull 14 (1958), 40. Map facing p. 4.

Trials ~~from~~ ^E of Squilver Farm. (Workings to W of farm = The Knolls Mine). Baryte exposed in farmyard. In trench in plantation 200 yds SE of farm, two 1ft baryte veins, but trial x-cut adit proved dried out at 40ft depth.

DC Greig et al "Geol of Ch. Stretton..." (1968) mentions baryte - 377974

(R Taylors Cat. (1991) Edingtonite class

micro-xls well-covering matrix, from
7" squilver quarry, Disgwylfa Hill, Shrops."
("Found by Neil Hubbard")
qv.

1" 129

SO 325 933

SQUILVER QUARRY, More, Shropshire

See also SQUILVER MINE

= DISGWYLFH HILL Q'y.

Akbit-

~~trans~~ Dolerite quarry, with good crystals edingtonite, usually < 1 cm, max 2 cm, bipyramidal, sometimes prismatic ψ -tetrag $\rightarrow$ 5 mm, sometimes looking almost cubic. Assoc. with calcite, prehnite^(IR), occas. haemotoxene xls $\rightarrow$ 7 mm; epidote, tiny xls.

RPH Lamb spec's 2/93, tested. As above + pale pinkish Π =
orthoclase (FTIR); diopside (IR) pale prismatic.

RSN(1998)32, 16. Visit. Prehnite in older q'y;
edingtonite (one v.g with xls $\rightarrow$ ~ 1 cm !!)
in newer quarry also prehnite. Permiss. from
Mr Paul Brewer of Tarmac.

50 3 9

STIPER STONES MINE, Church Stretton, Shrops.

TMH (1868), 66: (Pl). Calcite; galena.

TANKERVILLE GREAT CONSOLS MINE, Worthen, Shrops.

Bull 14 (1958) 26, 27, 28. A complex of TANKERVILLE
MINE, POTTER'S PIT, and PENNERLEY MINE
(q.v.).

Brook & Albutt (1973) 63-4 A complex,
ca 1880, of Tankerville + Bog + Pennerley +
Potter's Pit.

TANKERVILLE MINE, Worthen, Shrops.= THE OVENPIPE. Was part of TANKERVILLE gr. CONSOLS.AWGK: PyromorphiteBull 14(1958), 26, 27. Map fac. p. 22.Veins: TANKERVILLE LODE ^{or PIPE} A, OLD LODE,
NORTH LODE.Shaft, etc: BOAT LEVEL, WATSONS ENGINE Sh., on
Tankerville Pipe. Old lode: - OLD ENGINE Sh.

ADIT LEVEL.

LEWIS'S Sh connects to Boat
Level; NEW SHAFT.Calcite (some pink); baryte (white, some oil stained); witherite;
lead ore.

Morton Proc Liv GS 1 (1869) 38-9: "Oven Pipe" - petroleum (bitumen)

RSWB, T6. 4/3/62. Vol II, p. 10. One large lump witherrite; calcite - pink rhombs + mauve (red fluorescent in UV) nail head; quartz; baryte; galena; blend xls; pyromorphite. T6 later found superb chalcopryite xls on quartz & calcite.

RSWB, GR. 11/4/62. Vol II, p. 38. Additional finds: vg quartz; rarely green copper stains; excellent bff prismatic ~~for~~ baryte xls; large pink calcite xls; peach ^{blooms} coloured blooms of ? erythrite some on a galena cube.

RB, T6. p. 86. ? marcasite; pyrite; ? jarosite with gypsum, dump growth.

BM: Calcite; baryte.

Brook & Albutt (1973) 54-64. Map 62; Section 61. History

UPPER BATHOLES MINE, Worthen, Shrops.

See E. ROMAN GRAVELS MINE.

WESTCOTT MINE, Rattlinghope, Shrops. (I)

See also HUGLITH MINE; RIDDLESWOOD L's.

Bull 14 (1958) 36, 37-8, Map, p. 34.

To the S of Hughton Mine. At least 5 baryte veins, numbered 3-7 from N-S. & a copper vein between No 5 & 6 veins. All show copper stains & baryte dies out at shallow depths. Veins are narrow (ca 18 in.), exploited by adits, opencast, & by four shafts; 190 yd S by E, 260 yd SW by S, 300 yd S by W, & 410 yd S, of Main Shaft of Hughton Mine. 1st shaft is on No. 4 Vein - "Copper Vein" - baryte with chalcocite & malachite in breccia of country rock. Last

shaft on another copper vein between No's 5 & 6 veins, said to have yielded Cu ore in 1880. Road widening works in lane 500 yds S of Main Sh of Hughton exposed extension of No 6 vein, between the 900 ft & 1000 ft contours, as a group of baryte strings in red sandstone spread over ca 50 ft of road bank.

Monton Proc Liv GS 1 (1869), 37. Reddishite [Chalcocite]

BM; Witherite; pyromorphite; azurite; BM 1956, 212 "Covellite", sooty massive, with chalcocyprite, pyrite, & gypsum. (Pres. AWGK, coll 1947)

WESTCOTT MINE, Ratlinghope, Shrops. (II)

SRMRGB xxx "Cu..." (1925). p. 56: 2 $\frac{3}{4}$ miles S by E of Pontesbury.
Chalcocite, partly altered to malachite; baryte.

AWGK (1947) Westcott Mine, Church Pulverbatch: Pyromorphite,
gross-green. Cerussite. Witherite.

Monton, Proc. Liv. G.S. (1869), I, 37.
Reddishite [chalcocite].

27 June 1993 A Shropshire Day

Westcott Mine, Habberley, Shrop.

RSN
(1994) 24

An interesting little mine; not as dry as we had been led to believe and complete with flies and a fair old pong (from a dead sheep?) in a flooded shaft! Past the flooded shaft, at a bifurcation of the level, a cavity in the roof produced some brown tabular baryte on cream rhombs of etched calcite (a few flies were quite annoying here). Following the level on the left, a raise in the roof had obviously followed a vein and, at the limit of climbing courage, this afforded some white secondary baryte on calcite. The debris at the foot of the raise produced some massive white baryte and good specimens of the chalcocite/baryte/calcite impregnated breccia that also contained a hard black hydrocarbon. A certain amount of secondary copper mineralisation was present together with some wad/pyrolusite. Following the shorter level on the right, an area of blocks on the floor was being investigated by John Cooper and others and produced some more good specimens of the breccia composed of chalcocite/baryte/calcite/hydrocarbon, the latter containing

small areas of cuprite. Crystalline crusts of azurite were quite common (some of this did not appear to dissolve with effervescence in dil. nitric acid so could it be linarite?) with malachite (although Roy Starkey has found other greenish minerals here, eg agardite-Ce) and possibly erythrite as pale pink irregular grains on joint faces. A steep climb in the sunshine to the dumps on the hillside above the adit produced much the same sort of material but it was all rather weathered. Whilst waiting at the car parking spot some of us had a quick look at the, overgrown, dumps of Huglith Mine; again a few samples of the same sort of material was found, together with some pretty orchids amongst the pine trees.

RSN(2000) 36, 24. Visit

Mal on dump. V. little min's left in-situ u/ground. Deep shap Chalcocite, mal stains, azurite (a little); "h'carbons" (brittle); small spots cuprite

WEST FELTON, Oswestry, Shrops.
See EARDISTON.

JMB (1868) 266: Maladute in N.R.S.

WEST GRIT MINE, Shelve, Shrops.

See WHITEGRIT MINE.

50 ~~32~~-33 99, SJ 33 20

WEST ROMAN GRAVELS MINE, Shelve, Shrops.

See also ROMAN GRAVELS MINE

Bull 14 (1958), 16. May be included in ROMAN GRAVELS MINE

WEST SNAIL BEACH MINE, Chirbury, Shrops.

See RORRINGTON MINE

WEST STIPERSTONES MINE, Wentnor, Shrops.

See RITTON CASTLE MINE.

WEST TANKERVILLE MINE, WORTHEN, SHROPS.

See E. ROMAN GRAVELS MINE

WESTON MINE, Chirbury, Shrops.

See CLIFFDALE MINE, Churchstoke, Montgom.

1^u (29)

SO 320 980

WHITEGRIT MINE, Shelve, Shrops. (I)

= WEST GRIT MINE

See also EAST GRIT MINE, FOXHOLE PIT.

Bull 14 (1958), 19-21. Veins: DINGLE or SQUILVER V., RIDER V.,
BROOMYFIELD V.

Shafts: WEST GRIT Sh., GOUGH'S Sh., OLD Sh., GARDEN Sh.,
STONE Sh., FLAT ROD Sh., HAMPSON'S Sh., FOOTWAY or
ANGLE ROD Sh., DINGLE Sh., all on Dingle V.
Rider V: W. Grit Sh., BLUE PIT.

Broomyfield V. not known to have been worked
underground, but said to have yielded pockets of
ore at surface.

Map, p. 9.

Rider V, acc. to Murchison (1839), p. 277, carries quartz; calcite;
galena; blende; cerussite; baryte; witherite; pitch.

TMH (1868), 66: "White grit Mine, Church Stretton, Shrops." Pb & Cu mine.
Chalcedony; galena.

Monton Proc Liv GS I (1869) 38-9. Chalcedony; witherite; pyrite;
wad; minium; cerussite

Murchison "The Silurian System" p. 277 ff. (1839). Beautiful stalactitic
carbonate of lead and crystals; galena; baryte;
quartz; chalcedony; ? wad.

BM: Cerussite.

Con'd II

WHITEGRIT MINE, Shelve, Shrops. (II)

RSWB. 8/4/62. Vol II p 31-2; RSWB, TG, GR. 12/4/62 Vol II p 40. Photos p 48

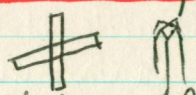
Dumps S of side road: Quartz, var rock xl., calcite; galena, incl. cubic xls; blende, some altering to calamine (white) coatings; ~~and~~ chalcopryite; vg malachite - radiating groups on limonitic matrix; superb linarite xls (new loc) galedonite (new) brochantite (new); berndorffite (new) rosasite cerussite; ?? rosasite, ?? aurichalcite, hydrozincite (new) langite (new - BM, X ray), baryte > Devilline sol ~~at~~ H_2SO_4 - no efferv. - only traces Zn., Trace ? wroewolffite

Dumps N of side road: Quartz, var rock xl., calcite; baryte; traces ? malachite; galena; blende altering to calamine excellent cerussite plentiful, berndorffite (new) rosasite hydrozincite, with blende, on calcite; Pyromorphite. (p10)

(UV
fluor
new loc)

RSWB, TBG. Vol II p 87 (3/8/62). Filled in shaft on DINGLE or SQUILVER VEIN,
largely barren. Some quartz; baryte; calcite; a little galena;
trace cerussite.

RSWB, TBG, JRK 4/64, IV 106: Nothing new

RSWB + Eve class 5/75 One spec harmotome, ident
RSWB  white, opaque. On upper dumps
(BLUE PIT, Rider Vein) recently
excavated. Also traces erythrite; linarite;
brochantite; cerussite

F. Brook & M. Albutt (1973) 23-28; Maps p 24, 26. History

WHITE GRIT MINE, "Church Stretton", Shrops.

See WHITEGRIT MINE, Shelve.

TMH (1868), 66: (Pb & Cu) Chalcedony; galena.

WHITEHAVEN Q'y, Llyncllys, Shrops.

See OSWESTRY; LLYNCLYS HILL & Q'y.

WILDERLEY MINE, Church Pulverbatch, Shrops.

SRMRGB xxx "Cu..." (1925) p. 57: Copper mine, 1 mile SSW of Castle Pulverbatch [at 4202]. Just $\rightarrow$ $\frac{1}{2}$ mile SE of Westcott Mine: N of Cothercott Baryte Mine. Shaft & level on Cothercott Hill, N of Wilderley Hill. Strings of azurite & malachite.

Bull 14 (1958) 38-39. Map, p. 34.

Vein courses ca. NW, prospected by two shafts ^{depth 40' & 70'} close together ca 150 yd SE of the $9\frac{1}{2}$ mile stone from Shrewsbury on the B'ps Castle Road. An adit commences 600 yd NW of sh's & 250 yd NE of Cothercott Hill Fm. Vein is strings of azurite & malachite.

RSWB, TG. 9/4/62. Vol II p. 34. Not much material exposed. Baryte, white to pink; traces azurite; malachite, mainly as

otaries - some botryoidal & micro needles.

WIXHILL, Weston-under-Redcastle, Shrops.

See also HAWKSTONE, Marchamley;

GS 1" (138) shows "Mineral Vein" at ca. 558 287 - 561 2885.

Geol of Wem (1925), 90. Nr. Weston. Cu worked ca 1865-67
along NE-SW fault. Old shaft at SW end of the hill.
A parallel fault at NW foot of Red Castle Hill
[see HAWKSTONE] 600 yds N by E of the Hawkstone Hotel,
carries copper carbonate, but not worked.

Near Lee Brookhurst, old Cu trial 200 yds WNW
of Moston Park [ca. 553 274]. Trial level in a vein
in a cutting on main road $3\frac{1}{2}$ furlongs N of
same house [ca. 554 280].

RSWB, T6. 4/3/62. Vol II, p. 11. Trial level in road cutting barren. Could

not find any trace of veins at Red Castle Hill. No minerals
found at Wixhill vein itself.

C.J. Carlon (1981) "The Gallantry Bank..." p. 14
Malachite Probably wood, asbolite, baryte.
"Lead" [ore], according to Egerton of Oulton
(1690-1699) Coll. of documents, D.E.O., Cheshire Co.
Records Office, Chester.

WOOD MINE, Worthen, Shrops.

See E.ROMAN GRAVELS MINE.

1" 11955 715 103

WOODHOUSE COLLIERY, Oakengates, Shrops.

WRENTNALL MINE, Church Pulverbatch, ShropsBull 14 (1958), 35-6. Map, p. 34. Photos opp. p. 36.Veins. MAIN VEIN, SMALL VEINShaft etc. TOYE'S LEVEL, portal 290 yd ESE of Holly Cottage;
BENNETT'S Sh; BROOK Sh; BEBBINGTON Sh;
ADIT Lev.Baryte worked 1890-1892, 1908-1925. Coarse platy
baryte; some quartz; some calcite; mineral pitch;
traces galena; green copper stains "here & there".

6" 47SW Nedge of map. SJ 282 004

WOTHERTON MINE, Chirbury, Shrops.

J. Sweet, MM 22, 257 (1930): Baryte.

BM spec. Superb baryte xls.

SRMRGB "Ba" (1916) p. 61.

M/c Mus specs Baryte with clear quartz xls., acute rhombohedra calcite.

GM spec: Baryte xls: E. Wotherton Mine, Minsterley, Shrops

TMH (1868), 76. Wotherton, "Montgom": Baryte.

HGD Bell 14 (1958), 11. Includes E. WOTHERTON MINE. Baryte, pure white;
calcite: "vein almost free from other mins" - occas. spots
of galena & blende.

See Murchison (1839), p. 273.

OLD SH; OLD ENGINE SH; NEW ENGINE SH.

RSWB, TG. 3/3/62 Vol II pp 7-8.

baryte; acute rhombohedra calcite-
(rose-red fluorescent in uv); some galena; trace chalcopyrite.

YORTON BANK, Broughton, Shrops.

Geol of Wern (1925), 90. "Ca. $1\frac{1}{2}$ ml E of Middle" Shaft at foot of S bank of lane 240 yds E of smithy at Alderton. Now covered with grid, and takes drainage of road. Cu mine.

GS 1" (138): shows "mineral vein" at ca 498242-499237.

CJ Carlon (1981) "The Gallantry Bank..." p 10.
Malachite. "Baryte, asbolite, ewad may have been present"

G Warrington. Shrops Cav & Min Club J. 1979 (pub 1980) 9-20
 Shaft at SJ 499 238 reported to be 150 ft deep.
 Extent, nature, history unknown.