

GALWAY

BM: mendipite

ARDRAGH, Galway, Ireland

Min Record (2006) ³²⁰ Photo by D. Green
of an allanite, 1 mm rad
clusters of pale brown rect
termin. blades. (S. Moreton Coll)

M. Wolfe (2006) UKJMM 27, 9. "Min. News"

Ardagh Q'y, S of Maam Cross:— v.g.
allanite, translucent brown sprays of mm xls
some cover to small hand size, with
fluorite, titanite, chlorite. (vg photo)

BALLYMAQUIFF MINE

450 098

Galway, Irel.

S Moncton (priv) galena in "a pocket of
calcare" (~ 1850). "Bismuth" recorded.

BROOK LODGE, Monivea, Galway, Ireland.

TMH (1868) Limestone: Calcite; sulphur.

BUNOWEN, Galway, Ireland.

Hey'50 ? a chlorite

MM 20 435 "Chlorophaeite" from basalt at
Bunowen Tower

40 06

CAHERGLASSAUN MINE, Gort, Galway, Ireland.

See also under Co. Kerry.

BM: Tetrahedrite.

Opencast, v 1841

J. Morton (priv)

galena, chalcopryite, calcite (including
"Ireland spar."), malachite, azurite,
bournonite.

CLAGGAN,

Galway, Ireland.

See also CLAGGAN QUARRY.

RJK, ⁽¹⁹⁶¹⁾ Priv Comm (1963)

Road cut $3/4$ ml E of Claggan,

on L101, 7 ml NW of Oughterard:

Andalusite in very fine xls, in pegmatite.
Chlorite, x-lised; Cordierite in large
(up to 2 in.) masses in schist.

CLAGGAN QUARRY, Claggan, Maam Bridge, Galway, Ireland.

See also CLAGGAN.

Rayners Cat (1960) Muscovite; clamourite; andalusite.
(var of muscovite)

CLEMENTS MINE, Carrongarriff, Galway, Ireland.

RJK (1961), Riv Comm (1963). 2ml SE of Maam Bridge, on
L 101. galena-pyrite.

AR MM 16 272. (1912). Newly opened (1908) lead mine on a
W arm of Lough Corrib, Carrongarriff, nr. Maam,
Galway. Little of interest, except dundasite,
assoc. with a little acicular cerussite,
allophane, as small glassy spherules, d 1.87μ ,
quartz; & pyrite; & limonite. (Dund) Also assoc. with
galena, blende & calcite, as snow white masses
of fine needles like fine down

CLOOSH LEAD MINE, Oughterard, Galway.

G. Mus.

Banyte.

CLOOSHGERREEN MINE Oughterard? Galway, Ireland-

Lud. On same lode as CREGG MINE. Galena; baryte.

CREGG MINE, Oughterard, Galway, Ireland.

≠ GREGG? Q.V.

Lud. Chalcopyrite in strong lode which continues
at CLOSHGEREEN MINE nearby

CURRYWONGAUN

Galway, Ireland.

RJK (1961). PrivComm (1963)
summit.

N of Kylemore Castle, near
Actinolite masses

DAWROS BEG, Letterfrack, Galway, Ireland.

RJR, ^(14/61) Riv Comm (1963) W of Letterfrack, off T71.
Chrome-spinel; actinolite, in 4 in xls.

DERRYLEA MINE, Clifden, Galway, Ireland.

RJK (1961), Priv Comm (1963).
road (T.M.).

E! (GR ex Cole, etc.)
← (W) Clifden, just S of
Baugh well x-lised.

(W)

E. 087 419
W: 080 417

GLENGOWLA MINES, Oughterard, Galway, Ireland.

See also OUGHTERARD etc.

TMH (1868): Pb mnes. Baryte; blende; calcite;
galena; pyrite; rock xl.

BM "Glengowla East Mine" Fluorite; baryte

SM, Priv. (1994) GLENGOWLA M., at 087 419. Visit
owner, Paddy Geoghegan at Old Bridge Farm,
W side of road ~ 120 433 near tiny old
stone bridge. Outstanding octahedral
fluorite xls → 4 cm. SM has coll 2
super druses of 1cm pale purple octah.
Cont →

(SM, 1994 cont.). GL. W. M. @ 080 417. Small
19th cont. Pb trial. Purple fluorite.

GRALLAGH, Galway, Ireland.

(1961)
RSK, 1 Priv Comm (1963). Small metamorphic aureole
situated on coast, W of Grallagh, NW of
Clifden. Idocrase in good x/s;
molybdenite; garnets in wollastonite
(making very attractive specimens).

RSWB, TBG; 20/8/63; III, 151. On coast, as above;
idocrase, garnet, wollastonite, scattered
green diopside. All rather weathered
& sea-beaten.

GREGG, Galway, Ireland.

See also CREGG (=?)

MA 10 497 (1947-9)

Dolomite containing brucite

INISHBOFIN ISLAND, Galway, Ireland.

N-F(1959) 18

pale green talc among metamorphics

INISHSHARK Is., Galway, Ireland.

NF(1959) 18 Pale green talc among metamorphics

INVERAN MINES, Galway, Galway, Ireland

TMH (1868) Pb/cu. Blende; smithsonite ("calamine");
fluorite; galena.

KINVARRA Galway, Ireland
Barts Map 5 ~ 5.6W 53°20'N

M. Wolfe (2006) UKJMM 27, 9. In Q nr. village
vg hand specs of fluorite, dark
octahedra to 2cm, with baryte
chlorite, sphalerite, galena.

(V large area!)

LOUGH CORRIB, Galway (& Mayo) Ireland

P O'D & JCB Gems (1972) 4 [4] 2-6

Andalusite flesh-coloured segregations in
the mica-schists bordering Lough
Corrib on the N-W.
[See CLAGGAN]

LOUGH INAGH,

Galway, Ireland.

(1961)
R.K. Altv. Comm (1963). N end of Lough, across
road to first crags. Andalusite, in
radiating xls. in quartz veins

LOUGHREA, Co. Galway, Ireland.

"Daily Express" 4/1/62 Lead & silver ore

Silver bonanza

The lead and silver find on Mr. Eamonn O'Reilly's farm near Loughrea, Co. Galway, will give miners work for 20 years, said experts last night. Tests show that the rock is worth £24 a ton and will cost 2s. a ton to dig out, they claim.

4/1/62

[? = Tynagh]

Roundstone

MURVEY, A, Galway, Ireland.

(1961)
RJK Priv Comm (1963): SW of Errisbeg, S of Clifden.
Molybdenite. Topaz recorded.

BH. Molybdenite.

OUGHTERARD, Galway, Ireland.

See also CREGG MINE; CLOOSHGEREEN MINE; GLENGOLA MS;
OUGHTERMEL; CLOOSH PB MINE;

Lnd: Native sulphur, in Carb. Lim, with calcite
& dolomite lining geodes & cavities & occas.
inside fossils.

BH: Sulphur

OUGHTERMEL, Galway, Ireland.

See also OUGHTERARD.

BM: Sulphur

RECESS, Galway, Ireland.

MM 16 266 Pennine. hexag plates up to 1 cm in
veins & joints in the "ophicalcite" ("Connemara
marble") quarried at Recess

Mrs B. Hinde, Leigh Girls' Grammar School. Ident RSWB (12/71)
Epidote, good xls with calcite. From
main road embankment, "somewhere near
Recess, between Clifden & Galway".

RINVILLE (ORANMORE) MINE

~ 34 22
Galway, Ireland

S. Moreton (priv.) little NE of Rinville Point, and
~ 3/4 ml E of Rinville Ho., last worked 1849.
galeena, sphalerite, pyrite, cerussite,
smithsonite, calcite, dolomite

ROUNDSTONE, Galway, Ireland.

See also MURVEY.

N-F(1959) 16. Molybdenite at margin of Murvey granite

TEERNARILL SOUTH,

Galway, Ireland

Rayners Car (1960) Epidote, with calcite;
garnet, pyrite, & quartz (4x4x2" 20/-)

M 740 130

N side of road, 74 13

TYNAGH, Galway, Ireland. (I)

N-F(1959), 12: Chalcopyrite & malachite stains in drift boulders of a white equigranular sandstone. Systematic plotting shows they come from an E-W fault line which brings up a small Devonian sandstone inlier, among the Carb. Lim.

Cole (1922), 116: TYNAGH (CARHOON) In Carhoon townland. Lode marked on the M 6" GS map. Mem. 115 & 116, p 39 (1865) notices remains of rather extensive works. Kinahan (p. 12) speaks of it as an ancient silver mine. It is

named in the List of Mines (1862-5).

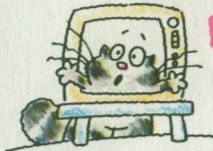
Survey of Mines (1967) (Canada): Big new Pb/Ag mine,
with Baryte; minor Cu. Started working
1965 - in full production. Secondary ones
of sulphide-oxide zone got by open pit
mining. Drilling shows sulphides below.

Specimens sent to D. Hardman 1/68 (From D. Whitehead, Mine Geologist,
Irish Base Metals Ltd, Tynagh, Loughrea, Co Galway).

Azurite, vg; malachite, vg, cerussite, baryte, good
cuprite; native copper; bornite; covellite;
tennantite; chalcopyrite; galena

Specimens at Bottleys 12/68 vg azurite, vg malachite,
with baryte, cerussite, "pyromorphite" (= mimetite, v. infra)

TYNAGH



Kristi

proposed
trench
NEWSFLASH!

Mal + Azurite

??

CO_3

S

CO_3

Hell

Date

M304

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TYNAGH MINE

Galway, Ireland (II)

[= mimetite, v. infra] ↑

PSWB 4/74

Cerussite vq masses of silky
white needles; azurite, "pyromorphite",
galena, sphalerite, baryte, pyrite,
haematite-jasper, linazite,
?brochantite, ?langite. Pale green phase
on malachite.

CJM, 1971. Details of mineralis'n, geol. etc.

Major: Sphalerite (low Fe); galena; chalcopryite,
Jennantite-tetrahedrite; pyrite; baryte;
calcite; dolomite.

Minor: Enargite; bournonite; geocronite;

jordanite; marcasite; arsenopyrite;
siegenite; millerite; quartz; chlorite;
albite; adularia; "solid hydrocarbon".

GR (submitted to Irish Naturalists J, 1988)

"Mimetite from Tynagh M., Co Galway"

cuprian adamite, bayldonite, beudanticite,
chalcophyllite, clinoctyrolite, hidalgocite (?),
mimetite, olivinite, pharmacosiderite
e strashimirite. [See Morrissey, 1970;

Sarp et al 1987]. Ceruss, mal, azur

All the "pyromorphites" tested by IR = mimetite
No major phosphate minerals found.

Sarp et al (1987) Archives des Sciences, Geneve. Orthoserpierite.

TYNAGH MINE

Galway, Ireland (III)

A. de Haller, Bull d'Info, Soc genev. de miner'ie (3/1984)

~~At~~ Said to be nat copper & silver, not found by AdH
galena, goethite ("lim"), alrichalcite, azurite, cerussite,
malachite, anglesite, barite, tsumcorite,
bayldonite, olivenite, mimetite.

P. Perroud, Ibid (3/1984). Anglesite, cerussite,
tennantite, bayldonite, tsumcorite (?), bendantite,
olivenite. Conichalcite reported also in
Lapis (Feb. 1982), P.P. could not confirm.

P.P. Ibid (4/84). Marcasite, pyrite, sphalerite,
galena, quartz, cerussite, copiapite, anglesite,

mimetite, olivenite, serpierite. with gypsum.

A. de Haller, Ibid. (3/1988) Sulphur, tennantite,
lepidocrocite, brochantite, linarite, gypsum,
devilline, serpierite, orthoserpierite,
langite, magnesiocopiapite-(Fe). Nat. silver
Nat. arsenic, graphite, acprite, millenite, wurtzite,
gal, sphal, chalcopyr, chalcocite, covellite,
bornite, acanthite, greenockite, hawleyite,
pyr, marcas, arsenopyr, siegenite,
bedgar, orpiment, jordanite, geocronite,
gersdorffite, tennantite, tetrahedrite,
enargite, bourbonite, ullmannite, pearceite,
polybasite-(As), rozenite, devilline, pytomorphite.
mimetite, hedyphane, cuproadamite,

TYNAGH MINE

Galway, Ireland (IV)

pharmacosiderite, fluorite, tenorite, goethite,
haematite, magnetite, "manganomelane"
[What is it? = wad ^{amorphous} ox. of Mn] arsénolite, quartz,
rutile, ilmenite, cerussite, dundasite,
smithsonite, aurichalcite, malachite,
azurite, calcite, dolomite, ankerite,
baryte, anglesite, chalcantite, gypser

A. de Haller "Mineralogie de la mine de Tynagh,
Galway, Irlande Part II" ~~ibid.~~
(Part I being the 3/88 paper). Ibid. ?89 ?90
Detailed descripts etc of
berndorffite, parnauite, clintyrolite (with

Tyrol

XRD table); olivenite, cuproadamite, mimetite,
hedyphane, bayldonite, pharmacosiderite
(with SEM & ED scan); ~~new~~ unident Pb, Fe, Cu
arsenate of tsumcorite family, in detail
(SEM & ED scans of 3 differing specimens, powder
XRD table c.f. tsumcorite, helmutwinklerite
& unnamed mineral from Tsumeb of K. Schmetzer et
al, (1985) cf. also ~~an~~ Pb-Fe-Cu arsenate-sulphate
from Mürtschenalp, Switzerland, of L. Schmutz et
al, Mineralienfreund (2/1982); strashimirite
(with XRD table & SEM & ED scan); theisite ^{incl. (3/86)}
(with XRD scan). List of minerals as above
with also, native copper, digenite, acanthite (?),
dufrenoyite, hidalgite, conichalcite,

BMS News (1997) 47, 3. BMS Coll Scorodite (D. green)

RSWB, JIW (5/98) Vg azurite; malachite;
baryte, galena, cerussite, linarite,
bertrandite, vg anglesite; pyrite,
mimetite. subphal- (?clino-) tyrolyte
(FTIR): chalcophyllite (vg); beylodonite; Olivenite

JIW (199) ALSO: - good xls scorodite; sharp cubes
brown & green pharmacosiderite; adamite
good xls, c'less → green cupro-. gypsum;
serpierite, ceprite cones in malachite
Native S, tiny xls in act'g galena

TYNAGH MINE,

Galway, Ireland (V)

illite, kaolinite, hemimorphite, monoclinic
halloysite [= metahalloysite], montmorillonite,
allophane, hyalophane, orthoclase,
albite, microcline, plagioclase,
muscovite, chlorite, chrysocolla (?)

GR has added stephanite, famatinite &
miarargyrite from Schulz's thesis (1968),
also meneghinite, pyrarargyrite, gratonite,
cerargyrite, chalcophyllite, kyrolite.

J. I. Wilson Priv Comm (1996-7) Many things, including
excellent anglesite xls $\rightarrow$ 2 cm! 

BMS News (1997) 47, 3. BMS Coll Scorodite (D. Green)

RSWB, JIW (5/98) Vg azurite; malachite;
baryte, galena, cerussite, linarite,
berdanite vg anglesite; pyrite,
mimetite. sulphate-(?clino-) thorite
(FTIR): chalcophyllite (vg); beylodonite; olivenite

JIW ('99) ALSO:- good xls scorodite; sharp cubes
brown & green pharmacosiderite; adamite
good xls, c'less → green cupro-. gypsum;
serpierite, ceprite cones in malachite
Native S, tiny xls in act'g galena

TYNAGH MINE,

Galway, Ireland (VI)

BMS/News (2000) 56 6-7. BMS coll ex P. Terry.
2221 - hindsdalite; 2222 - nat. silver

JiW Priv Comm (2002). Tiny patches bright
red powdery cinnabar with mimetite,
malachite, azurite, etc. A specimen
tested 28/3/02 by RSWB by heating in
a capillary tube $\rightarrow$ Hg droplets in
sublimate!

RSWB et al (2009) J. Russ. Soc. 12 3-9 The "adamite"
is zincolivine [The green ad. at least!]

Richard Braithwaite

From: DGreen [REDACTED]
Sent: 09 January 2020 19:25
To: Richard Braithwaite
Subject: RE: Tynagh mine
Attachments: Jean Spence's mimetite on azurite 2 SV8 5x L+R soft PS_I 10x8 +text panel.jpg

Hi Richard,

Good to hear from you! How are you getting on?

Nice to see the images. That chalcophyllite is very nice!

Tynagh is a worthy project. Have some analysis and XRD data gathered over the years I was at Manchester plus some photos of minerals. But nothing like enough. Was prompted into thinking about a write up by some specimens Pete acquired, but they will probably be sold. Asked Steve M a while back, he thinks the project is too large for now at least. Seems a shame that perhaps the most diverse location in the British Isles, now fading from memory, has no proper record of minerals, certainly not the supergene assemblage at any rate...

Sadly Jean passed on last year (one specimens of hers attached as photo...)

Best Wishes

David

From: Richard Braithwaite [REDACTED]
Sent: 08 January 2020 12:56
To: [REDACTED]
Subject: Tynagh mine

Hi David

Ike has told me that you are writing a book on Tynagh mine. Good for you.

Any time you want to see my material you are welcome. I also have a document of yours to return to you.

I am attaching some photos of some of my material, just in case you might want to use any of them. They are:

Anglesite, cluster of crystals 4 cm across. 96-166

Anglesite, 2 generations on oxidized galena. Large crystal 18 mm long (2nd gener.) 97-19 (2 photos)

Cerussite, 10 cm across. 74-44 (2 photos)

Chalcophyllite crystal 1.2 mm across on matrix. 98-128

Tangdanite (= clinotyrolite = sulphate tyrolite) 6 mm fan + minor azurite. 98-42 (IR checked)

Mimetite (on bayldonite) crystal 1.5 mm long. 98-125

Scorodite, field 1 cm across. 98-124

TYNAGH