

NOTTS

W. Phillips "An Elem. Intro to Mineralogy" 2nd Ed. (1819) (1828)^{version}
p. 173: Gypsum, var muriacite, said to
have been found in common gypsum
in Notts.

Rectangular prismatic, white or other
colours, splendid pearly lustre, doubly
refractive, $H > \text{Calcite}$, SG 2.5, Anal. by
Vauquelin: Lime, 40; sulphuric acid 60. (?!!)

B. L. Sherlock & B. Smith, SRMRGB(III) (1918) Gyps & anhydrite

R. J. Firman, Bull PDMHS (1964) 2189 Gypsum in Notts.

W. A. Richardson MM (1920) 19 77 The Fibrous gyps of Notts

— 11 — — 11 — (1921) 19 196 Micro-petrology of rock-gyps of Notts

These describe 3 gypsum areas: Gotham, Newark, & E. Bridgford (qv)

ANHYDRITE

NOTTS

Newark-on-Trent

Hawton Q.

Barton M.

Gotham M.

Kingston M.

Gotham.

BARYTE

NOTTS

Bulwell Pottery, Bulwell

Thames Street Quarry, Bulwell

Mansfield
Bramcote Hill
Stapleford Hill.
Hemlock Stone

Bituminous minerals, misc

ASPHALT

NOTTS

Bulwell Pottery, Bulwell (Radioactive)

Kirkby-in-Ashfield (Uraniferous asphalt)

Limekiln Wood, Newstead (Uraniferous asphalt)

Thames Street Quarry, Bulwell (Radioactive)

Mansfield (Uraniferous asphalt)

Shirebrook (asphaltite)

Springfield (asphaltite)

Radcliffe-on-Trent (Hydrocarbon oil)

BLLENDE
See SPHALERITE

NOTTS

CALCITE

NOTTS.

Mansfield Woodhouse

CALCITE

NOTTS.

Mansfield Woodhouse

CERUSSITE

NOTTS

Bulwell Pottery, Bulwell
Thames Street Quarry, Bulwell
Papplewick
Springfield

Chalcedonic silica

No H.

Nottingham. (Jasper, carnelian, agate)

CHALCOPYRITE

NOTTS

Papplewick

2. Shaleford Hall - Bedfordshire

Copper minerals, misc.

Nolts.

Stapleford Hill, ^{Beeston} A (Copper ores)

Dolomite

NO 11

Bulwell Pottery

FULLER'S EARTH

NOTTS

Nottingham

GALENA

NOTTS

Bulwell Pottery, Bulwell

Kirkby-in-Ashfield

Limekiln Wood, Newstead

Papplewick

Thames Street Quarry, Bulwell

Clippstone Colliery, Mansfield

Springfield

GYPSUM

Beacon Hill, Gotham
Clifton

East Bridgeford

Newark-on-Trent

Red Hill

Notts.

Radcliffe-on-Trent

Gotham

Kingston M.

Gotham M.

Barton M.

Hawton Q.

Beacon Hill Q., Newark

NOTTS

Bowbridge Q.

Orston M.

Elton

Bellrock Q.

Cropwell Bishop

Headon

Clarbrough

Kneesall,

Laxton

Tuxford

Markham

Askham Field

P.T.O.

Little Gingly
Weldon M
Cuckoo Bush M
East Leake M
Thrumpton M
Bunny Brick Pit.
Gunthorpe Weir

HAEMATITE

NOTTS

Bagthorpe

Halite

Notts.

Gunthorpe Weir (Pseudom's after-)

MALACHITE

NOTTS

Bulwell Pottery, Bulwell
Thames St. Quarry, Bulwell
Kirkby-in-Ashfield
Papplewick

"MURIACITE"

NOTTS.

Notts.

PYRITE

NOTTS

~~BulwellxPotteryxxBulwell~~
Thames St. Quarry, Bulwell

SPHALERITE

NOTTS

Thames Street Quarry, Bulwell

Sulphur, native

Notts

Newark

Uranium minerals, nise

Notts.

Mansfield (uraniferous asphaltite)

Kirkby-in-Ashfield (— " —)

^{lime kiln Wood,}
Newstead (— " —)

Bulwell Pottery (— " —)

Thames Street quarry, Bulwell (— " —)

WULFENITE

NOTTS

Bulwell Pottery, Bulwell
Thames Street Quarry, Bulwell
Kirkby-in-Ashfield
Limekiln Wood, Newstead

Springfield

ASKHAM FIELD,

Notts.

See also E. BRIDGFORD

Firman (1964): Gypsum.

BAGTHORPE

Notts.

SK

47

51

Farey (1811) p 402.

Haematite for polishing

BARTON MINE, Barton in Fabis, Notts.

See also GOTHAM, etc.

Firman (1964): On Gotham Hill. Gypsum

SRMRGB III (1918) Same seam of gypsum
as in Glebe mine [see GOTHAM M]. A little
anhydrite, in mid-seam.

BEACON HILL, Gotham, Notts.
See also GOTHAM etc;

TMH (1868), 65. Alabaster; gypsum, in Red Marl.

[Not on 1" 121 map]

[Probably = Gotham Hill. See GOTHAM]

BEACON HILL Q., Newark-on-Trent, Notts.

See also NEWARK-o-T, etc.

Firman (1964) Gypsum in working quarry on Beacon Hill.

SRMRGB III (1918) Beacon Hill Quarry. Gypsum, mostly pure white, also a certain amount of pink "that is used for grothoes".

BELLROCK QUARRY, Staunton-in-the-Vale, Notts.

See also NEWARK-on-TRENT, etc.

Firman (1964): Working gypsum quarry.

BOWBRIDGE QUARRY, Balderton, Notts.

See also NEWARK-on-TRENT, etc.

Firman (1964): Gypsum in quarry at
Bowbridge Road, S. of Newark.

SRMRGB III (1918): Bowbridge Q, Balderton;
also known as Lowfield. 2 ml S of Newark.
Gypsum.

BRAMCOTE HILL, nr Beeston, Notts.

See also STAPLEFORD HILL.

..... Bramcote & Stapleford Hills: abundant
baryte, and some oxidised Cu ore, replacing
cement of Bunter sandstone

BULWELL POTTERY Bulwell, Nottingham, Notts

See also THAMES ST. Q.;

T. Deans MM 32 705 (1961). Midd Marl dug., & used to be spread on flat surfaces of Magnesian Lim from which Marl removed. These are excellent exposures of the mineralised top layer of Mag Lim. In 1950 three of these visible, now one (others filled over). In ~~all~~ all, small foam galeria. now see ~~only~~ in one old floor NW of the pottery kilns & in top of Thames St Quarry, barely 100 yds E of kilns. Both exposures have wulfenite & radioactive asphaltite. Also minute xls cerussite, v rare traces barite, specks malachite ^{in the dolomite} pyrite & blende not at this horizon but seen 40' lower down, in Thames St. Qy., deeper parts of. → Springfield Also in boiling ca line NE of Pottery, at 545463, coarse galeria (up to 4mm); ceruss; a little wulfenite & some asphaltite - all in top two inches below red Middle Marl.

BUNNY BRICK PIT, Bunny, Notts.

See also GOTHAM, etc.

Firman (1964). A 20th cent. gypsum mine, whose lowest seam was formerly drift-mined.

1" 112

SK 73 83

CLARBOROUGH, NOTTS.

See also EAST BRIDGFORD, etc

Firman (1964), Gypsum.

CLIFTON, Notts

See also GOTHAM, etc

TMH (1868), 65. Gypsum, in Keuper Marls.

CLIPSTONE COLLIERY, nr. Mansfield, Notts.

Deans MM (1961) 32 705. Galena in the top of the
 Mag. Limest. has been recorded 385 ft down,
 at CLIPSTONE COLL'Y., 4 ml to the NNE of
 Mansfield White Stone Quarries [qv]. (Edwards,
 "Concealed Coalfields of Yorkshire Notts, G.S. 1951).

1" 112

SK 79 47

COTHAM, Notts.

See HAWTON Q.

1" 112 SK 68 36
CROPWELL BISHOP, Notts.

See also NEWARK-on-TRENT, etc.

Firman (1964): working gypsum quarry at Cropwell Bishop.

SRMRGB III (1918): 3 mines cited:-

- ① CROPWELL BISHOP MINE (working). $7\frac{1}{2}$ ml SE of Nott. Gypsum, sometimes stained pink or blue-green by incorporated marl. On the banks of the Grantham Canal. Worked in shallow quarries 30-50 yrs, & since ca 1903 as a mine.
- ② CROPWELL BISHOP OLD MINE (disused) On W side

of Cropwell Bishop, 7ml SE of Nottingham.
Gypsum.

- ③ CROPWELL BISHOP MINE (Mr. Heaseldine's). On W side of Cropwell Bishop, 7ml SE of Nott. Pure white gypsum of superfine quality. Worked by vert. shaft. Opened ca 9 years ago.

C Rogers Priv Comm 6/71. Gyps. at 680 350; 675 357

CUCKOO BUSH MINE, Gotham, Notts.

See also GOTHAM MINE, GOTHAM, etc.

Firman (1964). Assoc. w. Gotham mine. Gypsum

SRMRGB III (1918) No. 1 (CUCKOO BUSH) MINE, Gotham.

Gypsum, same seam as in GLEBE MINE
[See GOTHAM M.]

EAST BRIDGFORD, Nottingham, Notts.
See also locs quoted below.

TMH (1868), 65 : In Keuper Marls: Gypsum.

R.J. King (7/61) told me he found, and now works,
a small mine here for scatin-spar,
which he sells for polishing.

A.T. Metcalfe Tr. Fed. Mining Eng 12 (1896) p107: "Gypsum
deposits of Notts & Derbs."

Firman, Bull PDMHS (1964) 2 189 One of the
3 main gypsum areas of Notts is centred
on East Bridgford. Two horizons, in

EAST LEAKE MINE, East Leake, Notts.

See also GOTHAM, etc.

Firman (1964). Working, gypsum.

SRMRGB(III) (1918) HOTCHLEY MILLS, East Leake.

1 ml N of East Leake. Gypsum in Keuper
Marl. An unsucc. attempt has been
made to work the gypsum at the foot
of HOTCHLEY HILL, $\frac{1}{2}$ ml to the N.

ELTON, Notts

See also ORSTON MINE; NEWARK-on-TRENT, etc.

Firman (1964): Medieval gypsum workings
at Elton & Orston.

GLEBE MINE, Gotham, Notts.

See GOTHAM MINE

GOTHAM, Notes.

Gotham Hill. GOTHAM M. (531 294), working, and
CUCKOO BUSH M. KINGSTON M (524 288), working.
EAST LEAKE M (555 280), working. BUNNY BRICK
PIT (582 288)

Sherlock & Smith, SRMRGB III (1918) "gyps & anhydrite"
Describes these locs. [qv]

GOTHAM MINE, Gotham, Notts

See also GOTHAM, etc.

Firman (1964) Assoc. w. CUCKOO BUSH M. (qv). Gypsum
A working mine.

SRMR6B III (1918) GLEBE M., Gotham. Gypsum
in fibrous veins up to 11 ft thick
and in cakes. A little blue
anhydrite occurs as cones in the blocks
of gypsum.

SK 688 436

GUNTHORPE WEIR, Gunthorpe, Notts.

RSN (1998), 33, 19 Gypsum var "satin
spar" on S bank of R. Trent; also
pseudomorphs after halite.

HARLEQUIN, Radcliffe-on-Trent, Notts.

See RADCLIFFE-on-TRENT

HAWTON QUARRY, Cotham, Notts.

See also NEWARK-on-TRENT, etc.

Firman (1964) Gypsum in working Hawton
Q, N. of Cotham!

SRMRGB III (1918): Hawton Q., 2ml S of Newark,
 $\frac{3}{4}$ ml E of Hawton. Gypsum, some with
core of blue anhydrite.

HEADON Notts

See also EAST BRIDGFORD, etc.

Firman (1964) Gypsum.

HEMLOCK STONENotts

F. Clowes, "Chem. News" 9/10/1855; quoted in
CC Moore, Proc Lir G.S (1898) 241. Baryte,
in Trias, at The Hemlock Stone, near
Nottingham.

HOTCHLEY MILLS, East Leake, Notts.

See EAST LEAKE MINE.

KINGSTON MINE, Kingston on Soar, Notts.

See also GOTHAM, etc.

Firman (1964). Working gypsum mine

SRMRGB III (1918) $1\frac{1}{2}$ ml ENE of Kingston-upon-Soar.

Gypsum, 8' seam made up of "bullets"
with gypsaceous marl between; also in cakes.

Anhydrite sometimes occurs in the
middle of the "bullets".

KIRKBY-IN-ASHFIELD, Notts

I Deans MM 32 405 (1961) Rly cutting at N end of Annesley long rly tunnel (504 550). Top surface of lr May Lim exposed for 400 yds along "benches" on both sides of cutting.
Galena only in traces. close inspec reveals frequent tiny spherules malachite, small plates wulfenite, occas. asphaltite.

1" 112

SK 70 64

KNEESALL, Notts

See also E. BRIDGFORD, etc.

Firman (1964): Gypsum

1" 112

SK 72 66

LAXTON,

Notts

See also E. BRIDGFORD, etc.

Firmen (1964): Gypsum.

1" 112

SK 536 531

LIMEKILN WOOD, Newstead, Notts.

T. Deans, MM 32 705 (1961). Ca 4 ml N of ~~Bulwell~~ Bulwell.

Poor exposure in overgrown quarry has galena,
traces wulfenite, a little asphaltite (uraniferous)

LITTLE GRINGLY, East Retford, Notts.

See also E. BRIDGFORD

Firman (1964): Gypsum.

MANFIELD, Notts. 1" 112 SK 53 60
~~See~~ also CLIPSTONE COLLIERY; SHIREBROOK

Deans MM 32 (1961), 705.

good exposure of top of Magnesian Limestone at
MANFIELD WHITE STONE QUARRIES (SK 534 601),
mostly not mineralized, but one area has
baryte & uraniferous asphaltite

RSWB 10-5 From BMS Leics sympos 2010
Calcite cluster of flat rhombs on
grey mudstone; from MANFIELD
WOODHOUSE (cent. on SK 54 64)

1" 112

SK

72 66

MARKHAM,

Notts

See also E. BRIDGFORD.

Firmen (1964): Gypsum

NEWARK-ON-TRENT, Notts.

See also locs quoted below.

TMH (1868), 65: In Lias, & Keuper Marls: Alabaster;
anhydrite; gypsum; satin-spar.

G & L (1858). Gypsum var. Satin spar, fine specimens,
also compact, granular. Anhydrite occurs
with the gypsum.

R.J. Firman, Bull PDMHS (1964) 2 189. One of
the three main gypsum areas of Notts is
centred on Newark, & forms a distinct
group of beds stretching SSW, possibly
as far as Leicester. Main localities

are: Working q'y ~~at~~ on BEACON HILL, Newark
[SK 813 543]; Q'y at BOWBRIDGE RD., S. of
Newark [SK 79 51], mid 19th → early 20th Cent.
Working HAWTON Q, N of Cotham [SK 79 47].
Working BELLROCK Q, Staunton-in-the-Vale [SK 80 45],
ORSTON MINE [SK 7740] between Orston & Elton,
mid 19th - early 20th Cent. Medieval workings
at Orston & ELTON. Looking quarry at
CROPWELL BISHOP [SK 6836].

SRMRGB III (1918) "gyps. & anhyd". R. L. Sherlock & B. Smith.
Describes gypsum mines in the area. See
under the ~~the~~ individual mines.

Rudler (1905), p. 185. Nat sulphur in gypsum.

NEWSTEAD, Notts.

See LIMEKILN WOOD

NOTTINGHAM, Notts.

See also HEMLOCK STONE,

TMH (1868), 65. In Red Marls & Sandstones; Fullers earth.

C. Rogers & P. Shepherd. "Minerals from the heart of England"
Jems⁽¹⁹⁷¹⁾ 3 [2] 2, 3, 37: Jasper, carnelian &
agates in the gravel pits flanking the R. Trent
 at Nottingham, found recently by the authors.
 Agates, pea to fist sized, attractively banded.

C Rogers, Riv. Comm 6/71. Gravel pits with
 agates etc, at 705 481; 631 399; 675 442.

NUMBER

No. 1 MINE, Gotham, Notts.

See CUCKOO BUSH MINE.

ORSTON MINENotts

See also NEWARK-on-TRENT, etc.

Firman (1964): Between Orston & Elton, mid 19th-early 20th cent. gypsum mine. There were medieval workings at Orston & Elton.

SRMRGB III (1918): Gypsum, formerly worked. The workings now under water & cannot now be seen. Gypsum reported to be got from Orston village over 40 years ago, where broken ground can be seen

along a line N-wards for ca $\frac{1}{2}$ ml, as
shown on G.S. map.

1" 112

SK 545520

PAPPLEWICK

Notts.

T. Deans MM 32705 (1961). Ca 4 mi N of Bulwell. Flooded, overgrown
quarry 500 yds NW of Papplewick Hall (545520) has
yielded galena, cerussite, chalcopryite, traces malachite,
Poor exposure.

RADCLIFFE-on-TRENT, Notts.

See also EAST BRIDGFORD, etc.

Firman, (1964). The upper East Bridgford
gypsum horizon outcrops in the cliff
of the Trent at Radcliffe.

PC Sylvester-Bradley & RJ King, Nature (1963) 198, 728.

At HARLEQUIN [SK 66 39] a borehole
intersected a thick sill with hundreds
of gallons of black hydrocarbon oil.

RED HILL, Notts.

See also GOTHAM, etc.

Greg & Lettsom (1858). Gypsum, var. satin-spar, in
fine specimens

Firman, Bull PDMHS (1964) 2 189 18th cent. gypsum
workings; apparently the only old workings in
the gotham area to have produced much
alabaster (e even this was mostly stained).

SK 536 678

SHIREBROOK, Notts.

See also MANSFIELD, etc

Deans, MM (1961) 32, 705.

a railway cutting
Shirebrook Station.

Traces of asphaltite in
(SK 536 678) E of

1" 112

SK 545 463

SPRINGFIELD, Bulwell, Notts.

See also BULWELL POTTERY

T. Deans MM 32 705 (1961) Borehole at 545 463
ca 1 mi NE of Bulwell Pottery cut mineralised
horizon 20' down with coarse galena (up
to 4 mm), cerussite, a little wulfenite &
some asphaltite, all in top 2" below
red Middle Marl

STAPLEFORD HILL nr. Beeston, Notts.

~~See also BRAMCOTE HILL.~~

SRMRGB XXX "Cun..." (1925) p 5. Copper ores in sedimentary rocks.
~~Sandstone~~ (See also approx p 23.)

[Stapleford 4837; Beeston 5336]

..... Bramcote [qv] and Stapleford Hills:
abundant baryte and some oxidised copper
ore, replacing cement of Bunter sandstone

1" 112

SK ~~80~~ 80 45

STAUNTON-IN-THE-VALE, Notts.

See BELLROCK Q.

THAMES STREET QUARRY, Bulwell, Notts.

T. Deans MM 32 705 (1961). See under BULWELL POTTERY (qv)
Limestone quarry, with, at top, Wulfenite; galena;
radioactive asphaltite, cerussite, rare barite & malachite.
Pyrite & blende only in deeper parts of quarry, 40ft.
below galeniferous horizon

THRUMPTON MINE, Thrumpton, Notts

See also GOTHAM, etc.

Firman (1964): Gypsum. On Gotham Hill.

SRMRGB III (1918) $\frac{3}{4}$ ml from Thrumpton Ferry.

Gypsum.

TUXFORD, Notts.

See also E. BRIDGFORD, etc.

Firman (1964): Gypsum

WELDON MINE, Gotham, Notts

See also GOTHAM, etc.

Firman (1964). On Gotham Hill. Gypsum

SRMRGB III (1918) Gypsum, as in Cuckoo Bush M.