

WEST CUMBERLAND.

AGNES MINE, Lamplugh, Cumb.

Iron Ore

RSTOB, Ike Wilson, Thanassis Godelitsas 30/3/93

Dumps recently bulldozed, near chimney - all dumps about to be bulldozed acc'g to manager of adjacent quarry "Evered or Eskett quarry"

Haematite, including ~~the~~ a little specular - no specimen quality material found. Quartz, uncommon, with

haematite; blue baryte rare;
much ankerite, with calcite -
platy rhombohedra to short
prismatic "nail head spar" to
w 1 cm.

ASPATRIA, Cumb.

See under Central Cumb.

NY 073 182

BARBARA IRON MINE, Kirkland, Lamplugh, Cumb.

Eastwood et al (1931) 90

Mentioned

1" 82

NX 958 158

BARROWMOUTH ALABASTER MINE, Whitehaven, Cumb.

"The Lake Dist." (1982) (Cumb. Geol. Soc., Field notes) 86-92

Ruins at foot of incline at 957 157

Small dump, mostly of anhydrite
(also gypsum).

Eastwood et al. (1931) 271 Old adits still
visible - gypsum, some anhydrite

1" 82

NY 024 09

BECKERMET IRON MINE, St. John Beckermat, Cumb.

Rayners' Cat. (1960). Fluorite, From Mildred No. 2 Pit: Fluorite,
with Baryte, quartz, & haematite.

RSWB & TG. 8/6/62. Vol II, pp 72-73.

Working.

(?No 2) Shaft at 024 003 is air & timbering shaft. On dumps:
Haematite, kidney specular; quartz; v. ankerites & dolomite &
calcite var. nail head spar. A little fluorite.

No 1 Shaft. Working ore shaft. Calcite, dolomite, ankerite-
siderite; quartz; haematites.

II, 108 No 2 Shaft - minerals as before.

WFD & NT (1948): A little blue fluorite, fine nail-

head calcite, with magnificent fluorescence
in UV (flame & crimson) & stalact. haematite

1" 82

BARRIER MINE

NY 0 1 ?
Fritz
Clearer Moor? Cump.

Eastwood et al (1931) 85.

Mentioned

Iron ore

BIG RIGG (MINE), Egremont, Cumb.

See also WYNDHAM PIT

Famous calcite locality

BM: Hausmannite, pyramidal, on
haematite, BIG RIGG, CUMB.

1" 82

NY 034 155

BIRKS IRON ORE WORKS, Frizington, Cumb.

Eastwood et al (1931) 86 Mentioned: "BIRKS MINE"

BOAT HOW, Ennerdale & Kinniside, Cumb.

Eastwood et al (1931) #45. In crags 400 yd
SSE of Boat How [ie. ~ 090 100], rather
coarse microlithic andesite, vesicular, traversed
by numerous strings & veins of epidote.
Vesicles sometimes have banded agates.
44. The amygdalae in this area $\rightarrow \sim \frac{1}{2}$ ", usually w.
chlorite & chalcedony, but calcite, agate
eqtz in places.

1" 88

SD ~~MM~~ 1 8

BOOTLE, Cumb

B. Young et al (1986) PYGS 46 15-21. At
Damkirk Beck, on lower slopes of Bootle
Fell, at SD 1216 8914, quartz-
chalcopyrite-galena veins in granodiorite.

1"82

N4 013 164

BOWTHORN COLLIERY, Frizington, Cumb.

1" 82

NY 08 30, 08 29

BRIGHAM QUARRIES, Cocker mouth, Cumb.

B. Young et al, Min Mag (1992) 56, 431-2
Metavolcanic, in Sandstone

BUCKBARROW BECK, Cumb.

See CORNEY FELL

NY 82 NY 015 150

CLEATOR MOOR IRON MINES, Cleator Moor, Cumb.

TMH (1868), 54: Aragonite; baryte; dolomite; fluorite;
 rock xl.

RSIOB, TBG 12/63 IV, 50. Big dumps of ST. JOHN'S
PIT, at NY 013153 just burned muck.

Near ~~of~~ 29
NY

CLIFTON, Workington, Cumb.

TMH (1868), 55: Coal-measures: Baryte.

1" 82

NY 0035 119

CLINT'S PIT, Egremont, Cumb.

Iron Ore

RGWB, TBG (9/65) VI, 9-10.
one & specular;

Haematite - kidney
dolomite; calcite

1"82

Cent. on NY 008 124

CLINTS QUARRIES, Egremont, Cumb.

Eastwood et al (1931) 80-83. Haemalite
in NW corner of the quarry, also in
other parts. (See Haem. Memoir, 84-5)

COCKERMOUTH, Cumb.

~~MINI~~ Cooper et al (1991) Min'l Explor. in C'mouth
 Area. Pt. 1. Regional Surveys, Brit Geol
 Surv, Min'l Recon. Progr. Report 118
(1992) + Pt. ~~1~~ 2. Follow-up Surveys... 122

Cinnabar, in panned concentrates
 from streams to N e W of
 Cocker mouth - widespread in small
 amounts.

1" 88

SD ~~104~~ 1 9

CORNEY FELL, Waberthwaite, Cumb. (I)

See also BOOTHÉ, ALPHA M., ESKDALE.

B. Young, NJ Fortey & PHA Nancarrow (1986) PYGS 46 15-21.

Pyrrhotite & pyrite dissems. in andesite
at several points close to the granodiorite
(See B. Young (1985) "Mineralish assoc. w. the Eskdale
Intrusion, Cumbria." Report of the Programme Directorate
A, British Geol Survey, PDA 2, 85(3).

At ~~914~~ SD 1366 9097, a W, Bi vein exposed
in Buckbarrow Beck. Trial level at 1371 9102
now collapsed, on NE trending vein. Vein by stream
on W bank barren - Fe, Mn oxide stained
kaolinised granodiorite; but rich vein higher

up on W bank ~ 10 m to W, ~ 10 cm wide.
Traces scheelite also in EW quartz veins
on oppos. bank at 1369 9096 & in a quartz
vein higher upstream at 1379 9122.

Main vein of quartz, chloritising wallrock. Hypogene:
- scheelite, chalcopyrite, ferberite, minor pyrite.
Supergene: - goethite, covellite, malachite, chrysocolla,
brochantite, russellite, celestine and
bismutoferrite (last 3 at least ident. x-ray powder).

The scheelite - patches & bands $\rightarrow$ 2-3 mm thick on walls
& irreg. pockets to 8 mm wide; mostly friable.

Ferberite xls $\rightarrow$ 4 mm on walls. Russellite < 10 mm
patches of pale yell-green spherulitic crusts < 0.5 mm thick.

Ceustungst - waxy bright green crusts $\rightarrow$ ~ 0.01 mm on granular scheel.
Bi-ferr. soft earthy bright yellow patches $\rightarrow$ 6 mm across

CORNEY FELL, Waberthwaite, Cumb. (II)

RSIOB 6/87. A "russellite" ~~sample~~ from Buckbarrow Beck, sent by B. Young proved on IR to be $\approx$ "bismutite" No ($\approx$ ~~reagent~~ reagent grade "Bi oxy carbonate"), free of W-O absorptions. Yellowish-greenish micro botryoidal w. just visible xlinity.

A closer look (GR, 1994) shows the IR is nearer that of beyerite given in Jones & Jackson (1993) [if so, new to Britain?]. Confirmed by XRD powder (M. Jones, 10/94)

RSIOB & GR (1995) J. Russ. Soc. 6 [1] 51-52

Beyerite

R. Starkey (1998) BMSN 50 9-13. From Buckbarrow
BECK, in 1992 Tim Neall found eulytine &
bismutite [? - v. supra]

M. Rothwell (Priv. Comm) B. BECK. Eulytine Δ ^{II}
~~??~~ bismite ~~??~~ ceprotungstite; mixite

1" 82

NY 01

CORONATION PIT Lamplugh? Cumb

Eastwood et al (1931) 91 Iron ore

1" 82

NY 0814

W

CRAIG, Ennerdale, Cumb.

Iron level, at 085149

1"82

N4 ~~004~~ 125
004 129

CROFT PIT, Egremont, Cumb.

biggish Mine?

RSWB & TG. 7/6/62. Vol II, pp 71-2. Platy calcite on dunks.

1" 82

NY 01

14

CROSSFIELD MINE, Cleator Moor, Cumb.

Eastwood et al (1931) 86

Mentioned

Iron ore

OS Crossfield" 012 149

1" 82

NY 035 157

CROSSGILL PIT, Frizington, Cumb.

See also HIGH CROSSGILL PIT

RSWB, TBG. 12/63. IV, 50.

Dumps look v. overgrown

Eastwood et al (1931) 269

Small amounts

Lead ore in strings at old Crossgill haem.
mine NE of Parkside Stn. in Carb. Lim.

p 270 A little chalcopryite in tips
p 87 Thin vein of galena in lst.

1182

NY

01

15

CROWGARTH MINE, Cleator Moor, Cumb.

GM: Superb blue baryte xls.

WFD & NT (1948): Baryte, fine large blue xls, & small brilliant xls, coll WFD (1948) while mine gear being dismantled, also beaut. yellow xls. Also: chalcopysite, with malachite, Quartz with spec. haematite also fine kidney ore

Eastwood et al (1931) 269-70 "Copper-bearing iron pyrite" in "fault-smashes" with barytes, calc-spar, quartz, iron- & copper-pyrites,

2-sec'y alt. prods. of sulphide ores of copper such
as malachite, Dolomite, calcite,
baryte, quartz.

p86 | Haematite, copper-ore, blue baryte

1" 82

NY 01

DALMELLINGTON MINE, Frizington, Cumb.

J. Sweet, MM 22, 257, (1930): Clear transparent baryte.

1" 82 (?)

DAVID LAWN MINE

W. Cumb.

KCD, SRMRGB 4 "F" (1952), 14: Fluorite veins & replaces
sandstone [in this W. Cumb haematite mine].

DISTINGTON, Cumb.

See also HARRINGTON

Eastwood et al (1931) 94 In the large
quarries [High Harrington - Distington area]
1st Limestone exposed, with crystals of
dolomite & calcite in vughs, & large
splashes of white barite on joints.

11 82

NYN 01010

EGREMONT, Cumb.

TMH (1868), 54: Haematite; steatite.

GS map shows ~~shaft~~ copper shaft at 015110
(near Wyndham mine)

Eastwood et al (1931) 270 In Skiddaw Slates
~ 1/4 ml SE of Egremont Stn. old Cu mine,
worked 1872-1878. A borehole in 1874
proved 1 ft 9 in of copper ore ~ 70 ft down.

1" 82

ENNERDALE HALL

~ 07 16 ??

Cumb

Eastwood et al. (1931) 272. A vein, E 30° N,
of white baryte 2½ ft wide, in a
cutting immediately E of Ennerdale Hall.

1" 88 NY 10, 20
SD 19

ESKDALE, Cumb.

See also ULPHAM, CORNEY FELL, BOOTLE, WABBERTHWAITES Qs
WATER CRAG

P. Smith (1961) Plenty good kidney haematite

WFD & NT (1948) Haematite, was worked
many years ago, near Boot [NY 17 01]
and elsewhere. Some was kidney ore.

RJ Whitaker (Priv Comm) Near LOW BIRKER [1800, 1900]
malachite & a little azurite

"The Lake Dist." (1982) (Cumb. Geol. Soc. Fieldnotes) 93-105
BECKFOOT Q (164 003) granite; some haematite; tourmaline
NAB GILL M, Boot - 174014, also lesser
black
blue
brown
(small)

mines at CHRISTCLIFFE (186 012) & GILL FORCE
(180 000) Haematite, incl. "kidney ore" following
NW-SE faults & joints in the granite on
both sides of the R. Esk. Nab Gill mine,
opened 1875 closed 1913 when bottom level
flooded. 5 levels; best ore at the fell top.

B. Young & E.W. Johnson, J. Russell Soc (1985) 1 (3) 80
Långite & posnjakite from dumps at
an old mine at Spothow Gill, Eskdale
[Is this the LOW BIRKER [~1800] loc?]

~~B. Young (1986) PYG 46 15-21. SPOTHOW GILL, 2049 0047:
chalcopyrite-pyrrhot-actinolite veins. GATE CRAIG,
1875 0000~~

ESKDALE, Cumb. (II)

B. Young et al (1986) PYGS 4615-21. SPOTHOW
GILL, NY 2049 0047 - quartz-chalcopy veins in
hornfelsed andesite. GATE CRAG, at
NY 1873 0000, chalcopy-pyrrhot bearing
actinolite veins in andesite adjacent to grande
WATER CRAG, at SD 1527 9728, As-Mo-Bi-F
mineralis'n in topaz-greisen.

11" 82

NY 0495 166
051 163

ESKETT IRON MINE, Lamplugh, Cumb.

See also ESKETT PARK MINE; POSTLETHWAITE'S ESKETT IRON MINE.

BM: Vvg Aragonite "Eskett mine"

1" 82

NY 051164

ESKETT PARK MINE, Lamplugh, Cumb.

See also ESKETT IRON MINE; POSTLETHWAITE'S ESKETT IRON MINE

1" 82

NY 0516 0517

ESKETT QUARRY, Lamplugh, Cumb.

? = EVERED Q.

RSNB, JI Wilson (3/93) Large working quarry
swallowing up old q's & mines. Sign
at entrance to quarry road says
"ESKETT" Q. but sign by office says
"EVERED" Q. Shown aragonites from
the quarry, by the manager.
Quarry not entered.

RSN letter (1991)

Aragonite

EVERED Q'y, Lamplugh, Cumb.

See ESKETT Q'y.

1" 82

NY 0 1

FALCON MINE, Egremont, Cumb

Postlethwaite (1913) 147. Listed, with
WYNDAM & GILLFOOT mines.

FLESWICK BAY, Cumb.

See SAINT BEES HEAD

1" 82

NY 003 134

FLETCHER PIT, Egremont, Cumb.

The ore was originally used for the production of pig iron, which was made into steel. Demand diminished with the arrival of new technologies, and now most of the small amount of ore produced is annealing ore, used to extract carbon from castings. It is also used in the manufacture of pigments for paint and cosmetics, and there is a flourishing tourist demand for mineral samples and for the striking jewellery created from the polished haematite.



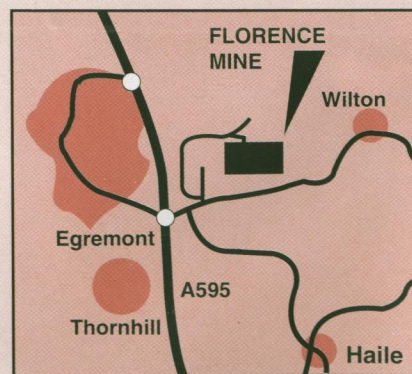
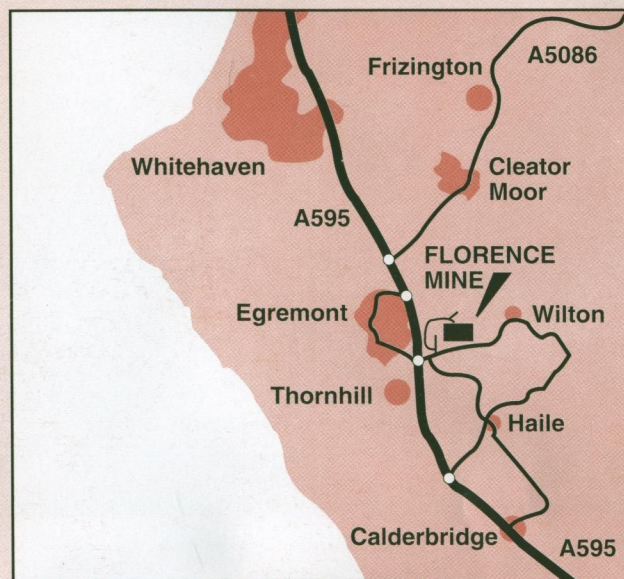
There are facilities for the disabled, refreshment area and a souvenir shop, where a wide selection of geological samples from all round the world, books about the mine and jewellery made from haematite may be bought.



The Heritage Centre is open to the public every day, 10am to 4pm, from 1st April to 31st October, with underground tours at 10.30 and 13.30 weekends & Bank Holidays.

Underground tours are also available all year, including weekdays, by prior arrangement. Please phone the mine (01946 820 683) for details.

Suitable footwear and old clothes are advised for underground tours. You may get dirty.



FLORENCE MINE

HERITAGE CENTRE

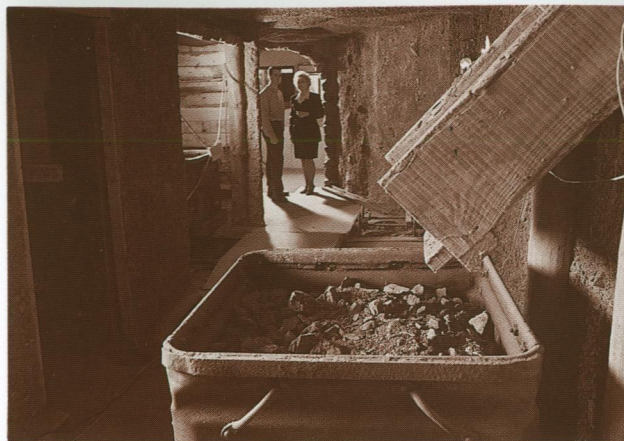


*The last
deep
working
iron ore
mine in
Western
Europe*

Visit the Florence Mine Heritage Centre, Egremont, West Cumbria, part of the mining tradition of West Cumbria.

Situated just south east of Egremont on the A595, at the Wilton turning, the Heritage Centre is on the site of the historic Florence Mine, the last working iron ore mine in Europe.

The rich iron ore deposits, known as haematite, are found in abundance in the limestone layers of West Cumbria. The red ore is the distinctive colour of the mine, its buildings and the people who still work there. Not surprisingly, it gave the miners their nickname 'The Red Men of Cumbria'.



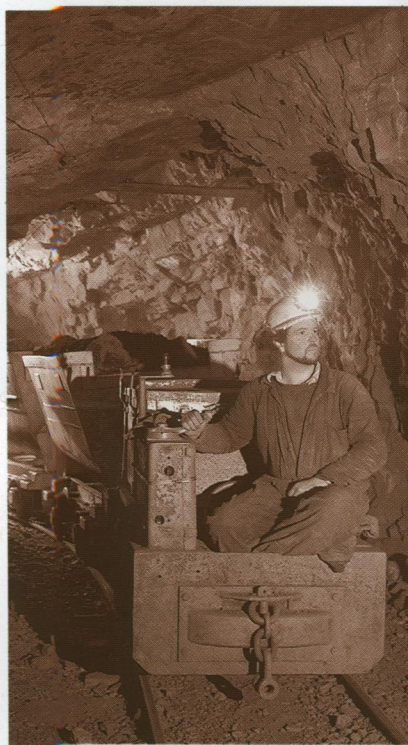
At the Heritage Centre you can learn about the story of the miners and how they lived and worked, and extracted the ore from the ground. The museum contains the clothes they wore, the shovels they used, and the clay pipes they smoked. In the Heritage Centre you can visit a reconstruction of a drift (or tunnel), and find out what life was like down Florence Mine at the beginning of the century.



Mining the ore, which began with the early Britons and Romans, developed in the 1830s, helped by the advent of the railways. The mines near Egremont were sunk at the turn of the century.

Florence Mine was named after the wife of the Chairman of the Millom and Askam Mining Company and was first cut in January 1914. By October 1923, 4,000 tons of high-grade haematite was being produced each week.

The present shaft (No 2) was sunk in the 1940s to extract the ore left around the No 1 shaft, and then in the 1950s connected to the Ullcoats system presently worked.



1"82

NY 018 103
Shaft at 0175 1030FLORENCE PIT (Egremont) Str. John Beckermeh, Cumb(Not = Florence Pit, Lamplugh, at 058167) ~~See~~ also ULLCOATS MINE
Iron Ore.Rayners' Cat. (1960): Fluorite with dolomite. Haematite, with
dolomite & quartzMM 28 248 (1947) Excursion: Haematite; dolomite; fluorite.RSWB & TG. 7/6/62 Vol II pp 70-71, 109. Working, combined with Ullcoats
Mine, Q.v. Dumps mixed. Excellent haematite kidney,
(incl pencil ore) & specular; calcite ^{relatively} uncommon; ankerites;
platy baryte; quartz; fluorite, colourless → blue.TBG found one spec ident RSWB in 2015 of
pyrophanite on qtz on haem.

WFD & NT (1948) Usual minerals, + fluorite, colourless,
various shades of blue, sea-green, pink xls.,
on haematite & on dolomite. Fine kidney
one, encrusted w. specular, quartz & dolomite
From 370 level, pretty dolomites with quartz
pseudo- after baryte. Some xls of qtz
& specular haem up to $\frac{3}{4}$ inch.

A.P. Read 9/74 Aragonite, small ($\rightarrow 1$ cm) glob. clusters
of needles, on haematite

RSN (2001) 39, 21-23. C. Critchley. Descrip, geol, hist, minerals

i" 82

NY 058 167.

FLORENCE PIT, Eskett, Lamplugh, Cumb.

(Not = Florence Pit, St. John Beckenmet, at 018102)

1" 82

NY 03 ~~46~~ 17

FRIZINGTON, Cumb.

See also individual locs.

WFD & NT (1948): "Frizington area" Fine baryte
xls, red, blue, & zoned.

FRIZINGTON PARKS MINE, Frizington, Cumb.
^{PIT, or}

See also FRIZINGTON PARKS QUARRY.

RSWB et al. 11/8/62. Vol II, p. 104. Calcite, haematite,
quartz, chalcopryite, unusual arrowhead twins

1" 82

NY 040156

FRIZINGTON PARKS QUARRY, Frizington, Cumb.

See also FRIZINGTON PARKS PIT or MINE.

1" 82

cc NY 09,375

GILCRUX MINE, Gilcrux Cumb.

T. Eastwood, N-F (1959), 166. On borders of Cumberland coalfield,
baryte worked on small scale at Gilcrux Mine,
in Rose Gill, $3/4$ ml SSW of ~~the~~ Bullgill Railway str.
NY 0938

1" 82

NY 005 113

GILLFOOT PARK IRON MINE, Egremont, Cumb.

GM spec. v.g. Calcite

WFD & NT (1948) GILFOOT MINE, Egremont.

Beaut. large twinned (butterfly) calcite x/s

GOOSEGREEN MINE, Frizington, Cumb.

BM: Giant specimen baryte - brownish xls on dolomite

RSWB et al. Vol II, pp 104-105 (11/8/62); Vol IV, p 50 (15/12/63).

Superb aragonite; dolomite; baryte; quartz;
haematite (kidney & specular); ankerite.

1" 82

NY 01 032 102

GRANGE QUARRY, St. John Beckermat, Cumb

1" 88

NY 143 034

GREAT HALL GILL

Wasdale, Cumb.

Proc. Cumb. Geol. Soc (1979-81) 4 [2] 161-2 (Field trip)
Strong haematite vein at 143 034
in Great Hall Gill

1" 82

NY 041 087

HAILE MOOR MINE, Haile, Cumb.

RSWB et al. 13/8/62 (II, 110-111). Working iron mine.

Much calcite, espec. nail-head spar; platy baryte; haematite, specular & peculiar pimply kidney ore; quartz; fine ankerite; flinty mottled red-white chalcedony.

WFD & NT (1948) Usual "haematite minerals".
Baryte - "semi-crystalline"; calcite; aragonite.

1"82

Nx 98 25

HARRINGTON, Cumb.

See also DISTINGTON

Eastwood et al (1931) 155. E of the
railway at Cat Gill, ironstones
visible some of which show threads
of galena in addition to pysite.

1" 82

041147- 045145

HAZELHOLME MINE, Ennerdale, Cumb. (I)
= KINNISIDE MINE

GSI "map, (Old Series) Pb. levels & shafts.

Geol. of Whitehaven. [P10]

Pb/Cu Trias or post-Tr.

OS 2½" map shows "Old Shaft's" at 041147, 044146,
043145.

TGP Ziembra (1973) Large dumps, open level
& open shaft N of Kinniside Cop looked
at. Quartz gangue; a little white platy
baryte, flat on rock; traces cerussite
assoc. w. weathered galena.

Eastwood et al (1931) "Geol of Whitehaven & Workington." 268-9
 Kinniside Vein E 32° S from ~500 yd E of Hazelholme
 to ~200 yd SW of Croftbrow, in Skiddaw Slate; → 3½ ft wide,
galena in strings & clots, w white sugary & platy baryte;
 occas. quartz veinlets. Pyromorphite clasts.

Mined latter 18th cent.; closed 1833. Reopened
 1853 by Wyndham Mining Co. who explored WELL
 STRING, a branch from the W of the vein, with
galena, cerussite & pyromorphite. Tried also
 ¼ ml NE of Hazelholme level from shaft; also in
 Nannycatch gorge ½ ml S of Cockhow [20513]^{vein} - explored
 14 yds, no ore. Trials also 1874; 1907 - when a small
 ladder followed 55 ft at st 2's to main vein, with
 small quant's copper ore. Drift & 2 sh's 11' to vein &

HAZELHOLME (KINNISIDE) MINE, Ennerdale, Cumb. (II)

150 yds to NE suggests 11th vein. A small area 100-200 yd S of Hazelholme explored 1854 & 1872 - several small shafts & 60 fms of levels but only a few strings of lead ore found.

Main workings: shaft 500 yd E of Hazelholme Main adit (horse level) at 500' OD 100 yd E of the shaft & cross-cut S 20° E to vein, which it follows for $\sim \frac{1}{2}$ ml. 20-fm level from Engine shaft 280 yds ESE of Point 587.

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

Wulfenite with the pyromorphite on a very

small dump nr. an old shaft. The Wul. is
brown square plates $\rightarrow$ 1 mm or clear yellowish
or opaque orange plates or smaller orange
bipyramids [C.M. Lemmington, priv. comm.]

BMS News (2000) 56, 7. BMS coll 2217 ex T. Neall:
Wulfenite

1" 82 NY 0 1 ?
HELDER MINE, Egremont? Cumb

Eastwood et al (1931) 80
"... the old Gillfoot and HELDER mines..."
Iron ore

1"82

N4 0 1

HENRY PIT, Weddicar, Cumb.

Eastwood et al (1931) ~~84~~ 85.

NE of the mill at Keekle.

Is 400 yds
[? coal]

1" 82

NY 033 161

HIGH CROSSGILL PIT, Frizington, Cumb.

Iron Ore.

See also CROSSGILL PIT

1st 82

NY 0, 13 ?

HIGH HOUSE, Cleator, Cumb

Postlethwaite (1913) 141 .. iron ore deposit

1" 82

NY 1- 2-
Cumb.

HIGH NOOK Mosser

NY 11 24

Eastwood et al (1931) 269. Galena, with
calamine in ~4 ft quartz vein running
NW through Blakefell Mudstones close to
Mosser Slates at Whiteoak Beck, near
High Nook.

1" 88

SD 155 787

- 180 786

HODBARROW IRON MINES Millom, Cumb.Min Mag. (1962) "Working" [closed, 1969]

SRMRGB $\frac{1}{2}$ - 1 m S of Millom & W of Hodbarrow Point.
 Mine offices incl S of Millom Sta.
~~also 12/63~~ 5, 10.

RSWB & TBG 14/12/63 See Vol 4, pp 49. A West area of
 old dumps & ruins around Hodbarrow
 Point. One working shaft - MOOR
 BANK SHAFT, near Haverigg, ^{SD} at 165 788
 a mile to the W. Mine office near here
 in hamlet of Steel Green.

Fine kidney haematite, assoc. with plenty of

"lipstick" ore; specular haematite less common, & granular rather than platy. Fine calcite, clear nail-head of stout habit, also platy & rhombohedral, in vugs in brown massive siderite, & in haematite. No fluorite or barite seen.

Mr Davies, ex-Manager, Priv Comm (Verbal) to RSWB, 5/12/69. Gypsum occurred in one section, which then got flooded. When pumped could see the gypsum seam partly dissolved away.

1" 82

NY 035 153

HOLEBECK MINE, Frizington, Cumb

Eastwood et al (1931) 86.

Iron ore

1" 82

NY 011 162

HOPE PIT, Frizington, Cumb.

1" 82

NY 055 170

JACKSON'S QUARRY, Lamplugh, Cumb.

1" 82

21 NY 0 1

JACK TREES MINE, Cleator Moor Cumb

Eastwood et al (1931) 86.
Iron ore

Mentioned

Postlethwaite (1913) 147

Listed

(HEAD)

1" 82

NY 068183

KELTON QUARRY, Lamlugh, Cumb.

RSWB et al Vol II pp 103-104. 11/8/62. Calcite, stalactitic
and platy.

Some aragonite

RSWB, 5/65. IV, 185. Now a "go-Kart" track.

Proc Cumb Geol Soc (1979-81) 4 [2] 143-4 KELTON
HEAD Q. now go-cart Track. Fine
aragonite needles in vugs; small spec's
haematite, incl. specular; a salmon-
pink baryte vein at foot of S wall;
dripstone w. calcite crystals.

1" 82

NY 084 182

KELTON FELL IRON MINES, Lamplugh, Cumb.RSWB, TBG, 27/2/72

Scattered dumps on hillside of Murton
Fell over wide area. Haematite, a
little as small kidney. ore & a little
small specular. + little quartz.

RSWB, TGPZ 27/2/72
road junction.

Large dumps at
Haematite, quartz

KINNISIDE MINE/VEIN, Ennerdale, Cumb.
See HAZELHOLME M.

1" 82

NY 095186

KNOCKMURTON IRON MINES, Lamplugh, Cumb.

TGPZ

RSWB, TGPZ 27/2/72

Scattered dumps on hillside of Murton
Fell, over wide area. Haematite, a
little as kidney ore (small pieces), &
a little small specular. A little
quartz

LADY PIT, Egremont, Cumb.

Bigrigg Mine?

Eastwood et al (1931) 83 On S side of Bigrigg
Fault, ~~1000~~ 100 yd N of Wyndham Pit & 200 yd
E of Southam [ie ~ Lady Pit] is a large
mining subsidence - details beds exposed,
with baryte & fluorite (top 13 ft),
haem & baryte (25 ft down for ~ 14 ft).

1" 82

NY

0

1

LAMPLUGH MINE, Lamplugh, Cumb.

Eastwood et al (1931) 90

Iron ore

1" 82

NY 015 148

LECONFIELD PIT, Cleator Moor, Cumb.

See also CROWGARTH M. (?)

LONGHORN QUARRY

W. Cumb.

KCD; SRMRGB 4 "F" (1952), 14: Fluorite replacing
calcareous cement of sandstone, described
by H.P. Lewis, Geol Mag 68 (1931), 543.

1" 82

NY 013 126

LONGLANDS MINE, Cleator Moor, Cumb.

Eastwood et al (1931) 80 Haematite.

5th Limestone exposed along mineral railway ~ 200 yd SW of Longlands No 4 Pit [ie. ~ 0115 124] - pale grey, crinoidal, very fossilif, e has baryle.

1" 82

NY 039 175

LONSDALE IRON MINE, Frizington, Cumb.

1" 82

NX 963 160

MARCHON ANHYDRITE MINE, Whitehaven, Cumb.

"The Lake Dist." (ca 82) (Cumb. Geol. Soc., Field notes) 86-92.

Small q. at 963 160 has abundant
anhydrite & gypsum discarded from
adjacent drift mine.

1" 82

NY 046 169

MARGARET IRON MINE, Lamplugh
~~Frizington~~, Cumb.

Eastwood et al (1931) 89

Mention

1" 88

SD

17 80

MILLOM, Cumb.

See also HODBARROW Fe M's.

1" 82

NY 013 147

MONTREAL IRON MINE, Cleator Moor, Cumb.

MOOR BANK SHAFT, Haverigg, Mellom, ^{NY} Cumb. 1678

See HODBARROW MINES.

1" 82

NY 007142

MOOR ROW IRON MINE, Cleator Moor, Cumb.

RSWB, TBG. 12/63 IV, 50. Dumps around NY 008144
to 011145. Haematite, kidney & specular;
calcite; dolomite; baryte; quartz.

1" 82

NY 006130
008130

MOSSBAY MINE, Egremont, Cumb.

RSWB coll. Excellent clear prisms nail-head calcite.

1182

NY 049 108

MOUSEGILL QUARRY, Haile, Camb.

MOWBRAY MINE, Frizington, Cumb.

J. Sweet, MM 22, 257, (1930). Clear transparent baryte.

RSW & TG 7/6/62. Vol II, p 69-70. Met & helped by a Mrs. Constable...

Dumps behind village, N of Mowbray, near 036-7 170. Ankerites; blue
baryte; quartz; haematite, kidney & specular.

11/8/62. Vol II p 104. Pyrite; calcite

1" 82

NY 00 12 (?)

OVEREND QUARRIES Woodend/Egrem? Cumb.

Eastwood et al (1931) 84

Overend quarries:

in small crag at S end, riddled with
sand veins; manganese ore with
fluorite, haematite, baryte.
Wyndham Pit is nearby

PALLAFLAT MINE, Egremont, Cumb.Rayners Cat (1960) Calcite.WFD & NT (1948) Fine calcite - nail head & dog teethRSWB TBG 12/63 IV 50. Dumps N of road recently dug almost completely away. Calcite - one good one. Haematite; quartz. Dumps S of road - same mineralsEastwood et al (1931) 268 A little manganese ore formerly found.

J. George Wilson 3/86. Has recently found
fine calcite by digging an old
dump (on private land [special permission])
eg RSWB 86-26

RSN(1999) 34, 10. ^{← ? 80?} Small dump ~ 800 m N of road gave
2-3 nice calcites. Permiss from a local farmer
to dig a dump. [where?] gave much green
baryte tabular xls → 4 cm e clusters of
flattened blades (Leader Ian Tassett).
[cf PARKHOUSE M.]

1"82

NX 998130

PARKHOUSE MINE, Egremont, Cumb.

1" 82 NY01 032155?
or 036161?
PARKSIDE MINE, Frizington, Cumb.

Sweet MM 22, 257, (1930): Clear transparent baryte.

Rudler (1905) 146 Haematite pseudo-after
calcite scalenohedra

Eastwood et al (1931) 87. green baryte

1" 82

NY 005 139

POSTLETHWAITE IRON MINE, Egremont, Cumb.

[Not = Postlethwaite's Eskelth Iron Mine, Lamplugh, at 055 171]

11 82

N4 00 14?

POSTLETHWAITE'S MOOR ROW MINE, Cleator, Cumb

Postlethwaite (1913) 147 Listed (in addition
to MOOR ROW M).

1" 82

N4 054 ~~160~~ 169

POSTLETHWAITE QUARRY, Lamplugh, Cumb.

See also POSTLETHWAITE'S ESKETT IRON ORE MINE.

RSUBeTG 7/6/62. Vol II p 69. Pretty barren except where
overlaps dumps of Postlethwaite's Eskett Iron Ore Mine (qv)

POSTLETHWAITE'S ESKETT IRON MINE, Lamplugh, Cumb.

See also ESKETT IRON MINE; ESKETT PARK MINE.

[Not = Postlethwaite Iron Mine, Egremont, at 015 139]

RSWB & TG 7/6/62. Vol II p. 69. Haematite, incl. specular; pale blue baryte xls; ankerites; iridescent chalcopyrite; calcite; dolomite → siderite.
 ↑ [?-pyrite]
 infra

RSWB 2/7/72 From dumps:- Haematite, calcite (nail-head spar), 1 small spiky aragonite seen; baryte, opaque platy, occas. pale blue xls in vughs on ? ankerite; quartz; pyrite iridescent pentag dodecs.

Eastwood et al (1931) 270

small quantities, later than Chalcopyrite in baryte.

1" 82

NY 0 1 ?

ROWFOOT MINE ? Egrement Cumb

Eastwood et al (1931) 80

with Longlands & Woodend

Mentioned,
mines, Iron ore

Lamplugh

ROWRAH HALL QUARRY, ~~Arlecdon~~, Cumb.RSWB 5/65, IV, 185. Working

A.P. & G. Read 6/72. A small dump of haematite,
 found in the quarry - possibly from
 Salterhall quarry? - big lumps, with
 vugs containing excellent quartz xls
 & specular haematite also a little
calcite - small "nailhead" xls; dolomite
 or ankerite; barite blades v. infra

RSWB 2/7/72 ~~very~~ working. Haematite dump
 is from Beckermat mine, acc'g to foreman

P.K. Monk of Hinkley Lics : Aragonite in big
quarry at Rowrah" - also shown in
Leicester Show 1982 by Lindsey Greenbank.
[Info. from N Hubbard, 4/82]

1" 82

Nx 94 13

SAINT BEES HEAD, Rottlington, Cumb.

"The Lake Dist." (1982) (Cumb. Geol. Soc., Field notes) 86-92
p91: Beach at FLESWICK BAY [945 133] has
beut. rounded pebbles, ex glacial drift
eroded by sea, of quartz, agate,
carnelian & jasper.

Eastwood et al (1931) 260
at Fleswick Bay noted for "gemstones"
doubtless derived from Scottish drift.

NY 013 1154

SAINT JOHN'S PIT, Cleator Moor, Cumb

See CLEATOR MOOR IRON MINES

1" 82

NY 05

16 or 17?

SALTER HALL MINE, Frizington, Cumb.

Eastwood et al (1931) 88

Iron ore

1" 82

NY 060175

SALTERHALL QUARRY, Lamplugh, Cumb.RSWB 5/65, IV, 185 Working

A.P. & G. Read 6/72 (Possible source of the dol-ank(?)
haematite/quartz/calcite dump found in
 Rowrah Hall Quarry? Not visited.) **NOT SO!**
 See Rowrah Hall Q'y.

RSWB 2/7/72 Visited. Working. Little
 mineralised. large limestone quarry. A
 little mucky haematite & some
 small calcite crystals, traces bladed
baryte.

1"82.

NX 965 14159

SANDWITH MINE, nr Whitehaven, Cumb.

Anon, Min Quar Eng (1961) 27 100 [MA (1963) 16 [2], 152]
Anhydrite mine near Whitehaven. Output
ca 6,500 tons/week.

1" 82

NY 10 20

SHARP KNOTT, Lamplugh, Cumb.

Eastwood et al (1931) 38 Chiastolite,
small but readily recognisable in. hand-
spec's, in slate only in area $\sim \frac{1}{2}$ ml
long, following strike of Mosser Slates
at Sharp Knott

1" 82

NX 999 124

SIKE HOUSE MINE, Egremont, Camb.

i" 82

NY 002 138

SIR JOHN PIT, Egremont, Cumb.

Eastwood et al (1931) 85
PIT Iron ore

SIR JOHN WALSH

SOSGILL, Blindbothel, CumbEastwood et al (1931)

Lead Moss, nr. Sosgill.

103 237 in Blindbothel pit

in several places in the Mosser area.
("in the parish of Mosser").

Lead ore tried at

GS map: - trial at

Found also

1"82

NX 998 121

SOUTHAM MINE, Egremont, Cumb.

1" 82

NY 068 176

STOCKHOWHALL QUARRY, Lamplugh, Cumb.

115 Constable - v.g. mag.
Mrs E. Constable, priv. comm., 5/65 (IV, 185) Superb
aragonites.

RSWB, 5/65; IV, 185-187: Superb aragonite, spiky,
in dark-brown zones ~~the rest of the~~, steeply inclined,
less sharply defined than veins. The
arag. sits on drusy calcareous-dolomitic-
ankeritic-sideritic vugh-coatings; some has
haematite inclusions. Some calcareous ψ -
after aragonite

1" 82

NY 069 ~~150~~ 179

THISTLEGILL QUARRY, Kirkland, Lamplugh, Cumb.

1" 82

Ny 02 14

TODHOLES OPENCAST, Cleator Moor, Cumb

Eastwood et al (1931) 86

Iron ore

Mentioned

1"82

NY 009 120

TOWNHEAD PIT, Egremont, Cumb.

11 82

? NY O 1

ULLBANK MINE, Egremont, Cumb.

Postlethwaite (1913) 147. Listed

1"82

NY 025 105

ULLCOATS MINE, St. John Beckermeth, Cumb.

See also FLORENCE PIT. (linked)

Iron Ore

Blue fluorsite, haematite, calcite et.

Rayners Cat. (1960): Fluorite.

BMS Newsl (2000) 56, 6-7. BMS coll 2218 ex
T. Meall = rancieite, "silvery-bronze rosettes"
from "ULLCOAT NORTH" ✓

1"82

NY 04 12

ULDALE, Haile, Cumb.

Eastwood et al (1931) 44 Traces of a
green copper compound in vesicles & on
joints of andesite lava at a point
300 yds SE of Uldale [i. ~ 048 121]

1" 88

SD 187926

ALPHA MINE, alpha,

Cumb.

? alpha

(87-11 x, b.)

Norman Thomson (Carlisle) Specs → RSWB for ident, 10/3/87. Coll 2/87

Langite (IR), small blue-green crystals
on iron-stained quartz ^{and on} ~~with~~ green
botryoidal and silky acicular globular
clusters of malachite (both diss HCl w.
much effervescence & give neglig. Zn with amm
merc-thiocy). Pale green pearly botry material
under malachite-langite crust on 87-11 x
fizzes less strongly w. HCl & with amm. merc-
thiocy gives mostly Cu but some Zn (v. small
sample). Traces brochantite(?) ☐ — tiny,

emer. green v. transp. square plates $\rightarrow$ dil
HCl, diss. quietly & quickly, no efferv; no
milkiness (Pb abs); amm. merc-thiocy $\rightarrow$ Cu^{only}, a little
Zn ~~absent~~.

Is at 187926, at Millbrow (N.T.).

B. Young, spec $\rightarrow$ RSWB 6/87 (87-77). From old open cast
trial at 1838 9218, near Long Garth,
Ulpha. Bismuthinite, minor, with
chalcopyrite & chlorite, in quartz.

1" 88

SD 112 943

WABBERTHWAITE QUARRIES, Woodgate, Waberthwaite, Cumb

B. Young et al (1986) PYGS 46 15-21. Aplite
Verns in granodiorite

1" 82

NY 007 193

WALKMILL PIT, Moresby, Cumb.

OS $2\frac{1}{2}$ " map: Coal pit.

188

SD 152 973

WATER CRAG, Eskdale, Cumb.

See also ESKDALE

B. Young, spec's → RSI08, 6/87 (87-78, 79) Topaz,
milky anhedral in quartz; andalusite,
pink anhedral in quartz; (greisens)

B. Young et al (1986) Proc. Yorks. Geol. Soc. 46 [1] 15-21
As-Mo-Bi-F mineralisation in topaz-
greisen

B. Young (1985) "Mineralisation ass. w. the Eskdale Intrusion,
Cumbria" ~~Br. Geol. Surv. Report PDA2 85/3~~
Rep. Program Dir. A, Br. Geol. Surv. No PDA2 85/3
p86. In small irreg. pockets in the topaz-greisen,

arsenopyrite, bismuthinite, nat. bismuth,
molybdenite, fluorite. Traces scorodite,
ferrimolybdenite; v small specimens
"which contain minerals showing affinities with....
zavaritskite (BiOF) and rooseveltitite (BiAsO_4) though
as yet it has not been possible to confirm.... with
certainty."

B. Young (1985) "Gneiss & related rocks assoc. w. the
Eskdale Granite, Cumbria". Rep. Program. Dir. A,
Br. Geol. Surv., No PDA 2 85/2. Petrology,
including the quartz-andalusite rock.

1" 82

NY 07 20

Cumb

WHINNAH PIT, Lamphugh?

Eastwood et al (1931) 91

Iron Ore

1st 82

NX

97 18

WHITEHAVEN, Cumb.

Eastwood et al (1931) 146 The Mussel
Bed (~1-2 ft, with mussels & specks of
galena) outcrops ~19 ft above the coal
seam in two gills in WHITE PARK, E
of Whitehaven Castle.

1" 82

N4 04 17

WINDER GILL MINE, Frizington, Cumb.

Eastwood et al (1931) 88

Iron ore

1"82

NY 02 09

WINSCALES MINE, Egreumont, Cumb.

Winscales NY 02 09

Beckermat/Halle Moor mines
around.

Rayners' Cat. (1960).

Baryte, with specular haematite.

1"82

NY 008 128

WOODEND MINE, Egremont, Cumb.

Iron Ore.

1" 82

NY 003 172

WREATH PIT (Coal), Weddickar, Cumb

1" 82

NY 013 409

WYNDHAM MINE, Egremont, Cumb.
(Not = Wyndham Pct 003 126)

GMus : Rhodochrosite with manganite, from
"Wyndham mines, Biggrigg, Cumb" [= either
this or Wyndham Pct, q.v.]
The one at 003, 126 is at Biggrigg

~~B. Young & P. H. A. Nancarrow (1990) J. Russ. Soc.
3 (N) 29-30 Hausmannite, compact
dk. grey xline masses → 8 cm across w.
bright cleavage surfaces to 2 mm
conspicuous; ~~some~~ some ψ -octa. with
calcite, a little barite, pyrolusite, manganite.
Iron mine [$\therefore$ haematite].~~

1" 82

NY 0035 1265

WYNDHAM PIT, Egremont, Cumb.

(Not = Wyndham Mine at 013109) Part of BIGRIGG M(qv)

GMus: Rhodochrosite^{massive, pink} with manganite - from
 "Wyndham mine, Bigrigg, Cumb" [= this mine
 or Wyndham Mine @ 013109, qv]

WFD ENT (1948) WYNDHAM MINE, Bigrigg. Beaut.
 glass-clear scalenohedra calcite filled
 large vugs, many with inclusions of
manganese oxide. Also: braunite,
hausmannite, pyrolusite, rhodochrosite.

Eastwood et al (1931) 84, 268. Manganese ore at Wyndham Pit, Bigg, in lumps several ft. in diam, in contact w. the lst on fringes of haem masses.

B. Young & P. H. A. Nancarrow (1990). J. Russ. Soc. 3 (1) 29-30

Hausmannite, compact dk. grey xline masses to 8cm w. bright cleav. surfaces to 2mm ~~prominent~~ conspicuous; some pt octa. with calcite, a little baryte, pyrolusite, manganite iron mine [$\therefore$ haematite assumed].
At 003 126.

11 82

NY 040170

YEATHOUSE QUARRY, Frizington, Cumb.

Mrs E. Constable, Riv. Comm 5/65 (TV, 185). good
aragonites "at Yeathouse" [presumably this
quarry]