Early shallow mining of outcrops +

Deep mining of Upper Carboniferous

1- Upper Limestone group

2- Limestone Coal group

Deep mining of Lower Carboniferous

3- Lower Limestone Group

-> on edge of syncline dewatered via shallow drainage adits

BG: Connected to Easthouse via Great seam

Burghlee, Ramsay, Roslin: Interconnected, might drain into BG colliery + Drain to Elginhaugh (2014) + Likely to discharge into Bilston Burn (IMC 1998)

Whitehill / Polton: central part - Polton discharge at Elginhaugh (IMC1998)

Easthouse / LV / Lingerwood: Interconnected - Eastern section via the Parrot and Great Seams

Arniston: Discharge at Vogrie

Deep workings: FLEX

GEORDIE

MAVIS

CHERRY

GREAT TOP

GREAT

WOODMUIR SPLINT

STAIRHEAD

No.2 IRONSTONE

No.3 PARROT

WEE GILLESPIE

GILLESPIE

BLACKCHAPEL

PERPETUAL

KITTLEPURSE

CORONATION (peacock)

CORONATION

BALL

SMITHY (Glass)

No.1 IRONSTONE

BRYANS SPLINT (Browns)

ALECKS (Stoney)

CORBIECRAIG (Beattie)

KALEBLADES

CRAIGIE

CORBIE(OF GILMERTON)

LOWER KALEBLADES

HARLAW LIMESTONE

ANDREWS

SOUTH

BLACKBAND

NORTH (Arniston Parrot, Blue, Jewel)

Shallow:

SALTERS

NINE FOOT

SPLINT

THREE FOOT

FIFTEEN FOOT (6’, Jewel)

Dawdon

Seam worked:

RYHOPE FIVE QUARTERS

HIGH MAIN

MAIN - F

YARD -G

MAUDLIN - H

TOP LOW MAIN

LOW MAIN

HUTTON

Seaham-Dawdon connected through roadway High Main E

Easington - Dawdon connected in low main and main

Dawdon - Vane connected in Low main

Murton - no connection with dawdon

Murton - High Main

Roadway between Easington and Murton in Main seam E (NZ4245)

High Main in Murton worked from South Hetton Colliery (NZ 3841) + whin dyke proven by BH

Boundary between shotton - south hetton  colliery (plan No 175/ 467)

Boundary between Murton - south hetton  colliery  (NZ4042, 4043) - pannel connection (45/4044?)

Boundary between Murton - shotton  colliery (NZ 4042)

Boundary Horden - shotton  colliery (NZ 4043)

Boundary Murton - Seaham (pan 430): connection roadway in seam F (NZ 4247)

Boundary Murton - Seaham: connection roadway in High Main seam through pannel (NZ 4048): 'Murton colliery Goat position located by bore holes from seaham colliery workings' + main coal seam (45/4048)

Boundary Murton-Horden

Boundary easington-Horden

Roadway connection between Shotton and Murton in Hutton (L) seam (45/4042)

Goaf connection Seaham-Murton in main coal seam (45/3848)

Dawdon-Easington-Horden connected (dam in between but fails, or fissures through dyke?)

Hawthorn connected to the three coastal collieries

Dawdon shaft interconected with general body of mine workings via Murton Col and with easington Col via 2 roadways (1 in Low main J and 1 in Main seam F)

Horden interconnected with Blackhall + roadway connection with Easington and Shotton