

Locations for faults and disturbances, Wharfedale and Littondale (mainly)

Distinguish between true faults and stress relief features (SRF) /valley side faults sometimes known as camber faults, include features known elsewhere as slip rift faults

Stress relief features may include:

- Locations along the drives through Birks Wood
- Scars Hole
- Dogmire
- Strawberry Pot
- Foss Gill Pot
- Raisgill Wood Pot
- Yockenthwaite Pot

True faults usually with visible vertical or horizontal displacement, or both, with brecciated zone, or zone of cataclasis or none visible other than an obvious line of weakness along which caves, potholes may form, or natural lines of weakness seen on the surface.

Birks Wood – Birks Fell Cave, Redmire Pot – Birks Wood Cave, Hidden Valley in Water Gill
Wood photos 16-4-13

Birks Wood - stress relief features on drives through wood exposed by landscaping of drives – photos 2-3-13

Black Sheep Sink – crawls end at fault chamber
Boreham Cave – fault feature nearby

Caseker Gill – Dow Cave terminal choke: - surface photo of exposure in Caseker Gill
Chapel Lodge Cave – fault chamber, final passage, faults on approx 345degrees – see survey
Cray Gill, fault feature as seen on photos
Crumbles (Stukbar) some considerable dislocation of strata around here photo

Dib Scar – photo, Dry valley to north near Dib Scar – photos 10-3-09, also in DibDig photo file
dipping beds 27-9-03
Dowber Gill Passage – displacement of about 0.3m seen at Gypsum travers (see photo 26-1-06)

Foxholes (Haw Hill) strata seems to be dipping into hillside – west

Foss Gill Pot, valley side fault or camber fault – stress relief feature Photos in zipdisc 13, 14, 15 29-5-02

Scars Hole, Dogmire Dig – stress relief feature – faults on approx 300 degrees

Hagg Beck – Behind Raisgill Farm near site of dig.

Upper part below flat platform site of cascade - strata dipping at 25 degrees to river north-east, best seen on north bank

Lower down on south bank appearance of strata dipping west at 25-30 degrees

Adjacent to present dig site strata is horizontal but whole of stream sinks in normal flow

Just below by 10m strata dipping north-east steeply, photo20 3-3-13

Across slippery slope maybe vertical dislocation of strata

Below here where PB forms platform each side of beck and dipping at maybe 10 degrees

South-west dipping strata on north bank further up Hagg Beck

North west dipping rock platform and small scar near Langstroth Cave Upper 8-10/40.

These add up to a **major dislocation** which may be heading down valley, may carry water from this sink to where? And heading up valley, see dipping passage in Landlord Pot and faulted chamber at end of Black Sheep Sink.

Hagg Beck – fault seen further up gill (photo) – more recent photo

Hagg Gill Pot –fault through Rumpy Tumpy, also seen in beck on surface – photo underground

and surface

Hagg Gill – fault in gill above road (seen Jan 15 1989) – dolomitic limestone – to check, fault seen below wall crossing – check to get photo

Hole in Floor – fault or collapse?

Landlord Pot – appears to be on a faulted block – end sump in dipping strata

Litton Foss – fault line?

Loup Scar described by ?? as a minor anticline (could this be a reef knoll)

Mill Scar Lash with strata dipping north at some 10-12 degrees, described as small anticline feature by Garwood and Goodyear

Providence Pot, maybe between Dirt Pot Grit at top of the Aven and DPGrit on surface at stream junction

Robin Hoods Quarry, strata dipping approx south – photo and dip data

Scar Gill Fault and continuation across valley. August 4 2013 water levels high but two rock bars seen across river with possibly dolomite bed between (NGR9730 7094) and dipping strata nearby near wall end from Cruts Barn . See photos.

Strawberry Pot (Moorend, Kettlewell) aligned parallel to valley side on stress relief feature see Photo

Sulber Nick Fault, includes Nick Pot and Sulber Pot, – extends from near Farrer's Shooting Box on a bearing of 105 degrees for approx 2.4km, (heading straight for Blind Beck Cave) (Nick Pot water goes to Austwick Beck Head)

Yew Tree Pot – fault on 320 degrees, (Jan 13 1990)

Yockenthwaite – fault line across river (or joint) – photo 12-6-13