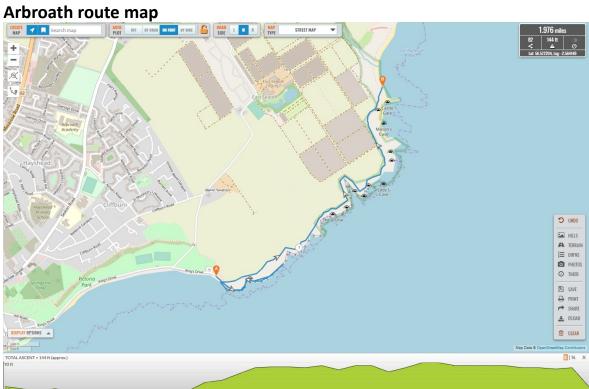
Edinburgh Geological Society – Excursions 2024

Excursion title:	Arbroath and Auchmithie		
Date & start time:	Saturday 13 July 2024 9:00am	Finish time:	4pm
Leader(s), organisation:	John Taylor, Morag Smith and Robert Scott		



Excursion summary:	Arbroath: Starting at Whiting Ness the group will view the Devonian Upper Old Red sandstone unconformably overlying the Lower old red sandstone sequence. We will trace this along the beach for approximately 250m observing various sedimentary features and debris flows. We will then walk along the top of the cliffs towards carling heugh bay noting along the way sedimentary features, fault orientations and geomorphological sites of interest like the Needle E'e, Mermaid's Kirk and Deil's Heid. Carlingheugh Bay has good outcrops of the conglomerates that are a feature of this coastline and the clasts ready to inspect along the foreshore. Auchmithie: Starting at the village hall we descend to the harbour between cliffs of the Auchmithie Conglomerate Member and down to the beach where the conglomerates can be viewed in detail and the calcite and barytes fault fill can be seen. After viewing the foreshore with other fine geomorphological features we will then return back to the village hall.	
Meeting point:	Arbroath meeting point:	
	• Lat/Lon: 56° 33′ 39″ N 2° 33′ 23″ W	
	OS: Map Sheet: NO64SE NGR: NO 65894 41113	
	What3Words: ///flip.decay.hulk	
	Park at the east end of kings drive/Victoria park, near the cliffs. Parking available around old toilet block and along promenade walkway.	
	Auchmithie meeting point:	
	 Latitude/Longitude: 56° 35′ 20″ N 2° 31′ 26″ W 	
	OS: Map Sheet: NO64SE NGR: NO 67924 44240	
	What3Words: ///spun.servicing.courts	
Transport details:	Coach depart Waterloo Place, 9am; meet in Arbroath 10:30am	
Extra pick-up points for coach:	Blackhall, Barnton and the Ferry Toll Park and Ride	
Outline of the excursion route:	Arbroath: Starting at Whiting Ness, Arbroath a short beach/rocky platform walk, then up and over the cliff tops to Carlingheugh bay and return.	
	Auchmithie: Starting at the village hall, a walk downhill along the gravel cart road to Auchmithie harbour and beach, look around the foreshore and return.	
Terrain, walking distance, height gain:	5km return walk along cliff top path which is paved. Small section of rocky beach walk at the start.	

Additional Hazards not included in the EGS Excursion Handbook:	N/A	
Control measures required to mitigate against any Hazards referred to above:	N/A	
Hard hats or Hi-viz clothing needed?	Hard hats recommended below the cliff faces and if entering caves	
May dogs be brought on the excursion?	No	
Toilet information:	Public toilets available at: Ness, Victoria Park next to parking area in Arbroath 4 Fountain Square, Auchmithie a short walk from the village hall.	
Geological map sheet:	Scotland sheet 49	
References:	auchmithie trail leaflet (taysidebiodiversity.co.uk) Arbroath, Crawton and Stonehaven - an excursion - MediaWiki (bgs.ac.uk) Seaton Cliffs Scottish Wildlife Trust SiteLink - Whiting Ness - Ethie Haven SSSI (nature.scot) Whiting Ness — SGT Geosites Project (scottishgeologytrust.org) Whiting Ness, Angus GeositesGB (scottishgeologytrust.org)	



Auchmithie route map

