

Table 1. Stratigraphy according to the excavation episodes at Border Cave. Grass mats are indicated in light grey

Excavations 1 and 2 Cooke et al. 1945	Excavation 3B Beaumont 1978	Excavation 3A Front Beaumont 1978	Excavation 3A Rear Beaumont 1978	Excavation 4A Beaumont 1994	PB Member acronyms Beaumont et al. 1992	PB Industrial names	Backwell et al. Member acronyms	Backwell et al. layer names	Munsell colour	Sediment description
"Bantu"	1 BS	1 BS.UP.IA	1 BS.UP.IA	1 BS.UP	1 BS.UP	Iron Age	-	not excavated		
		1 BS.UP.S	1 BS.UP.S	1 BS.LR.A	1 BS.LR.A	ELSA	1 BS.LR (A)			
		1 BS.LR.	1 BS.LR.	1 BS.LR.B	1 BS.LR.B			Brown	10YR 4/3	very fine silt
				1 BS.LR.C	1 BS.LR.C			Light Brown	10YR 3/3	very fine silt
							Grass Mat 1	5YR 3/2	organic	
							Greyish Brown	10YR 5/2		
							Grass Mat 2	7YR 4/2	organic	
							Dark Brown/Brown	10YR 3/3 / 10YR 5/3	-	
							Dark Reddish Brown	5YR 3/2	-	
							Dark Reddish Brown Ally grass mat	5YR2.5/2	loose	
							Brown (east)	10YR 4/3	-	
							Grass Mat 3	-	organic	
	1 BES	1 WA	1 WA	1 WA	ELSA	1 WA (B)	Light Brownish Grey	10YR 6/2	-	
							Grass mat 2 Caramel mat 1	-	-	
							Very Dark Brown Barry	10YR 2/2	fine silt	
							Black burnt Grass Mat Barry	-	burnt organic	
							Greyish Brown Ben	10YR 5/2	fine pebbles, coarse sand	
							Unburnt grass mat Betty	-	organic	
							Very Dark Greyish Brown Bill	10YR 3/2	ashy, loamy	
							Burnt/Unburnt Grass Mat Bimba	-	burnt/unburnt organic	
							Grass Mat Bingo	-	organic	
							Grass Mat Bob	-	organic	
							White Bifi grass mat	5YR8/1	powdery	
							Dark Brown Bobby	7.5YR 3/3	loose	
							Dark Brown Botha grass mat	7.5YR3/3	loose	
							Grey Bride grass mat	7YR5/1	powdery and compact	
		2 BS.UP	2 BS.UP	2 BS.UP	MSA IIIb / post-HP	2 BS.UP (C)	Brown Camy 1,2	10YR 4/3	clayey sand	
							Yellowish Brown Carlos 1,2	10YR 5/4	clayey sand, loose	
							Grass Bed 1	-	-	
							Grass Mat Camilla 1,2	10YR 5/4	organic	
							Yellowish Brown Carlos 3,4	10YR 5/4	sandy silt, loose	
							Grass Mat Carly	-	organic, pebbly, sandy	
							Grass Mat Carrol	-	-	

				Vegetation?							
								Yellowish Brown Case	10YR 5/4	silty, loose	
								Grass Mat Cassidy	10YR 4/3	silty, loose	
								Brown Caby	7.5YR 4/6	silty	
Red Earth Band	1 RBS ?	1 ORS ?	2 BS.LR.A	2 BS.LR.A	2 BS.LR.A	MSA IIIb / post-HP	2 BS.LR A,B	Brown Cathy 1,2,3,4,5	10YR 4/3	sandy silt, loose, almost sterile	
								Yellowish Brown Caz 1,2,3	10YR 5/4	silty (almost velvety), loose	
								Dark Greyish Brown Cecil 1,2	10YR 4/3	ashy silt, loose, almost sterile	
								Dark Yellowish Brown Cecilia 1,2	10 YR 4/4	silty, firm, moist	
								Grass Mat Ceta	10YR 4/4	organic, very silty, compact	
								Combustion Feature Cilla 1	varied	ashy, cemented	
			2 BS.LR.B	2 BS.LR.B	2 BS.LR.B	MSA IIIb	2 BS.LR C	Brown sand lower gravel	10YR 5/3	coarse sand, gravelly	
			2 BS.LR.C	2 BS.LR.C	2 BS.LR.C	MSA IIIa / post-HP		Brown Sand Lower silt	10YR 5/3	silty, loose, uncemented	
								Dark Greyish Brown	10YR 4/2	ashy, loose	
								Grass Mat 1	-	organic	
								Grass Mat 2	-	organic	
			2 WA	2 WA	2 WA	MSA IIIa / post-HP	2 WA (D)	White Ash	10YR 8/1	ashy, partly cemented	
								Black	10YR 2/1	ashy, loose	
								Brown with charcoal inclusions	10YR 5/3	ashy, loose	
								Brown Dan grass mat	10YR5/3	-	
								Very Dark Greyish Brown David	10YR 3/2	ashy, soft, loose	
								Very Dark Brown Dax/Deve	7.5YR 2.5/2	ashy, loose	
								Light Brown Dazy	7.5YR 6/4	silty, loose	
								Dark Yellowish Brown Devo	10YR 4/4	sandy, loose	
								Greyish Brown Dobe	10YR 5/2	ashy, cemented	
								Grass Mat Decon	-	organic	
								Reddish Black Desmond 1,2	2.5YR 2.5/1	ashy, loose	
								Dark Brown Devan	-	-	
								Greyish Brown Digby	10YR 5/2	silty, roof spall	
								Dark Brown Dijon 1,2,3	7.5YR 3/3	silty, loose	
								Grass Mat Dark Brown Dijon	-	organic	
								Dark Yellowish Brown Dino 1,2,3,4	10YR 4/4	silty, loose, roof spall	
								Brown Don grass mat	-	-	
								Brown Dossy 1,2,3,4,5,6,7	-	-	
								Dark Yellowish Brown Dossy	10YR 3/6	fine sand, silty	
								Dark Yellowish Brown Dossy grass mat	-	organic	
								Light Brownish Grey Dipsy	10YR 6/2	ashy, loose	
								Combustion Feature White Dubbin	10YR 8/1	silty, loose, partly cemented	
								Very Dark Brown Dudi	10YR 2/2	silty	
								Dark Brown Dulce 1,2,3,4	7.5YR 3/2	silty, loose	
								Reddish Brown Dussy	5YR 4/4	silty, loose	
								Reddish Brown Dama	5YR 4/4	silty	
								Brown Damel	7.5YR 4/4	silty	

							Black Daoiz	7.5YR 2.5/1	organic
							Combustion feature 1 in Black Daoiz	-	silty
							Grass mat Denia	7.5YR 4/4	silty, organic
							Combustion feature 1 in Grass mat Denia	7.5YR 2.5/2	silty
							Dark Brown Dene	7.5YR 3/3	sandy, organic
							Combustion feature in Dark brown Dene	7.5YR 2.5/1	sandy
							Detroit	7.5YR 4/4	-
							Combustion feature 1 in Detroit	7.5YR 2.5/1	organic
							Brown Grass mat Dia	7.5YR 4/3	organic
							Brown Daria	7.5YR 3/3	silty, gravelly
							Brown Daria combustion feature 1	7.5YR 2.5/3	-
							Grass mat Davos	7.5YR 4/3	silty, organic
							Combustion feature 1 Grass mat Davos	7.5YR 4/2	silty
							Combustion feature 2 Grass mat Davos	7.5YR 2.5/2	-
							Brown Delfin	7.5YR 3/3	silty
							Combustion feature 1 in Brown Delfin	7.5YR 3/2	silty, compact
							Combustion feature 2 in Brown Delfin	10YR 3/1	organic
							Combustion feature 3 in Brown Delfin	10YR 3/2	silty
							Black Depo	7.5YR 2.5/2	organic
							Combustion feature 1 in Black Depo	5YR 4/2	ashy, sandy, organic
							Combustion feature 2 in Black Depo	5YR 3/2	ashy
							Combustion feature 3 in Black Depo	5YR 3/2	ashy, silty
							Grass mat Delta	7.5YR 4/3	ashy, silty
							Combustion feature 1 in Grass mat Delta	-	-
							Combustion feature 2 in Grass mat Delta	7.5YR 2.5/2	-
							Greyish Brown Duran	-	-
Roof collapse		3 BS.UP	3 BS.UP	3 BS.UP	MSA IIb / HP	3 BS	Very Dark Brown Ea	7.5YR 2.5/2	gravelly, loose
		3 BS.LR.A	3 BS.LR.A	3 BS.LR.A	MSA IIb / HP	(E)	Very Dark Brown Easy	10YR 2/2	gravelly, roof spalls, loose
							Very Dark Brown Eba 1,2,3,4,5	10YR 2/2	silty/sandy, loose
							Dark Grey Ebo	10YR 4/1	ashy/silty, loose
							Burnt Grass Mat Eco	-	organic
							Dark Reddish Brown Edi 1,2,3	5YR 3/4	silty, loose
		3 BS.LR.B	3 BS.LR.B	3 BS.LR.B	MSA IIb / HP	3 BS	Very Dark Yellowish Brown Easy	10YR 5/6	silty
							Lens in Very Dark Yellowish Brown Easy	-	clay, some silt
							Very Dark Brown Easy	7.5YR 2.5/3	silty, loose
							Hearth in Very Dark Brown Easy	7.5YR 2.5/2	-
							Grass Mat Eaton	5YR 3/3/3	clay and grass
							Grass Mat Eaton in dark reddish brown	5YR 3/3/3	silty
							Combustion Feature Very Dark Brown	7.5YR 2.5/2	silty
							Ebony	7.5YR 2.5/2	silty
							Very Dark Brown Ebony	7.5YR 2.5/2	silty
						Dark Brown Ebony	10YR 3/3	gritty	
						Dark Grey Ebo	-	-	

						Grass Mat Ebu	-	-	
	3 WA?	3 WA	3 WA	3 WA	MSA IIb / HP	3 WA (F)	Black Fade grass mat Light Reddish Brown Faba Dark Greyish Brown Faddy Dark Brown Faddy Dark Reddish Brown Faddy Dark Reddish Brown Face Brown Feduardo	5YR 2.5/1 5YR 6/4 - - 5YR 2.5/2 5YR 2.5/2 5YR 2.5/2	organic, powdery silty, powdery gritty - loose loose loose
	1 RGBS			1 RGBS	MSA IIa / HP	1 RGBS (G)	Very Dark Brown Faan* Very Dark Brown Faan grass mat CF in Very Dark Brown Faan White ash in Very Dark Brown Faan Black lens in Faan Very Dark Brown Feba	7.5YR 2/2 - 7.5YR 2.5/2 - 10YR 2/1 5YR 2.5/2	silty - - ashy clay and silty very loose
Ash band overlying BC3									
Soft dark band BC1***									
	1 GBS	1 GBS	4 BS	4 BS	MSA I / late Pietersburg	4 BS (H)	Brown Orange Dark Brown (chocolate) Dark Grey Eduardo 1,2,3,4^ Grass Mat Ega^ Dark Brown Ekhart^ Very Dark Greyish Brown Elf 1,2^ Dark Brown Elmo 1,2^ Brown Emu 1,2^ Chocolate Brown Ena^ Reddish Brown Heduardo Chocolate Brown Hena Combustion feature in Chocolate Brown Hena Dark Brown Hayley Brown Chocolate	10YR 4/3 7.5YR 7/4 7.5YR 3/2 5YR 4/1 - 7.5YR 3/2 10YR 3/2 10YR 3/3 7.5YR 4/2 7.5YR 4/3 5YR 4/3 7.5YR 5/3 5YR 2.5/1 10YR 3/3/3 5YR 3	silty, loose ashy, loose, weakly cemented silty, loose, weakly cemented fine sand organic and silty silty, loose silty, loose, with shell silty, loose silty, loose silty, loose loose, granular - fine, powdery gravelly silty, ashy, loose
	4 WA	4 WA ?	4 WA.UP 4 WA.LR.A 4 WA.LR.B	4 WA.UP 4 WA.LR.A 4 WA.LR.B	MSA I / late P. MSA I / early P. MSA I / early P.	4 WA (I)	Pinkish White 1,2,3,4 Pinkish White Pinkish Grey 1,2,3,4 Pinkish Grey Pinkish Grey combustion feature 1 Pinkish Grey combustion feature 2 Pinkish Grey combustion feature 3 Pinkish Grey with charcoal flecks Grey Grey Igor Reddish Brown Ian 1,2,3,4,5,6,7 Very Dark Grey	7.5YR 8/2 7.5YR 6.2 7.5YR 7/2 7.5YR 6.2 - 7.5YR 7.2 7.5YR 7.2 7.5YR 7/2 5YR 6/2 - 5YR 6/4 5YR 3/1	ashy, cemented ashy, loose ashy, partly cemented ashy, loose ashy ashy, loose ashy ashy, partly cemented ashy, loose ashy gritty/ashy, loose ashy, loose

						White 1,2,3,4,5,6,7,8,9,10,11,12	10YR 8/1- 10YR 7/2	ashy, strongly cemented
						White 1 Idaho	7.5YR 8.1	ashy, grainy, cemented
						White Idaho combustion feature 3	-	ashy
						White 2 Idaho	7.5YR 8/1	ashy, gritty, some cementation
						White 2 Idaho combustion feature 1	-	ashy, loose
						White 3 Idaho	7.5YR 8.1	ashy, gritty, cemented
						White 3 Idaho + combustion feature 6 in White 1 Idaho	-	gritty, cemented
						White 4 Idaho	7.5YR 7/3	ashy, cemented
						White 4 Idaho + combustion feature 6 in White 1 Idaho	7.5YR 6/3	-
						White 5 Idaho	7.5YR 7/2	ashy, cemented
						White 5 Idaho + combustion feature 1 in White 5 Idaho	7.5YR 4/2	gritty, silty, loose, cemented
						Combustion features 5+6 in White 1 Idaho	-	-
						White 6 Idaho	7.5YR 7/2	ashy, cemented in parts
						White 6 Idaho combustion feature 1.	7.5YR 2/5/2	ashy, some cementation
						White 7 Idaho	-	ashy, some cementation
						White 8 Idaho	10YR 7/2	ashy, cemented in parts
						Pit 1 in White 8 Idaho	7.5YR 3/1	ashy
						Pit 1 and Pit 2 in White 8 Idaho	7.5YR 3/1	silty, loose
						Pit 1 and Pit 2 Very Dark Grey	7.5YR 3/1	-
						Pit 1 and Pit 2 contact Dark Brown	7.5YR 3/2	silty, loose
						Pit 2 Very Dark Grey in White 8 Idaho	7.5YR 3/1	silty, gritty, loose
						Yellowish Red Pit 2 cap in White 8 Idaho	5YR 5/6	-
						White 9 Idaho	-	ashy
						Black Immy	7.5YR 2.5/1	fine, loose
						Combustion feature in Black Immy	-	ashy, loose
						Dark Brown Pit	7.5YR 7/2	ashy, silty, loose
						Dark Brown Ivan	10YR 3/3	loose
						Very Dark Greyish Brown Ihepic	10YR 3/2	fine, loose
						Very Dark Brown Ihera	10YR 2/2	fine, loose
						Dark Brown Iheos	7.5YR 3/2	fine, gritty, loose, crumbly
						Pinkish Grey Ianus	7.5YR 5/8	fine, cemented
						Very Dark Grey combustion feature 4	5YR 3/1	fine, loose
						Very Dark Brown Ihester	5YR 6/2- 7.5YR 6/3	fine, loose
						Brown Ibis	10YR 2/2	fine, powdery, gravelly
						Very Dark Brown Icarus	10YR 3/3	fine, loose, sandy, gravelly
						Dark Brown Idi	10YR 3/2	fine, silty, sandy, loose
	BACO.A		BACO.A					

							Brown Idi	5YR 3/2- 10YR 3/2	fine, gritty, weakly cemented
							Pink Icubo	7.5YR 4/2	silty ash, partly cemented
							Light Brownish Grey Icon	7.5YR 7/3	powdery with charcoal
			5 BS ?**	5 BS	MSA I / early Pietersburg	5 BS (J)	Very Dark Greyish Brown Jan 1,2,3,4 Brown unconsolidated (N109 only) White Jet 1,2 Very Dark Grey Jez 1,2,3,4,5 Very Dark Greyish Brown Jim 1,2,3,4 Brown John 1,2 Brown Jim Brown Jolly grass mat	10YR 3/2 10YR 4/3 7.5YR 8/1 7.5YR 3/1 10YR 3/2 7.5YR 4/2 - 7.5YR 4/2	silty, loose sandy ashy, loose/cemented ashy, loose ashy, loose ashy, loose/cemented - silty, partly cemented
			5 WA ?**	5 WA	MSA I / early Pietersburg	5 WA (K)	Dark Greyish Brown Kay Light Grey Kelly Dark Grey Ken Brown Ken Dark Brown Kent Dark Brown Kevin grass mat Pale Brown Kim	10YR 4/2 10YR 7/2 7.5YR 4/1 7.5YR4/2 7.5 YR 5/2 5YR 3/2 10YR 7/3	silty ash, loose powdery ash, partly cemented ashy, loose silty, ashy ashy, partly cemented silty, loose ashy, partly cemented
	BACO.B								
	BACO.C		6 BS.UP ?**	6 BS.UP	MSA I / early Pietersburg	6 BS (L)	Brown Lad	7.5YR 4/2	gritty, silty, sandy
	BACO.D		6 BS.LR ?**	6 BS.LR	MSA I / early Pietersburg		Brown Larry Light Yellowish Brown Lamb Brown Lassy	7.5YR 4/2 10YR 6/4 7.5YR 4/2	ashy, loose ashy, partly cemented silty, loose

PB = Peter Beaumont; P. = Pietersburg; * Faan and Feba in 1 RGBS should start with G, but during excavation they were thought to come from 3 WA. ^ The layers starting with E in 4 BS were thought to come from 3 BS. ** Vague mention of layers below 3 WA but no details of which ones, and some of them might be absent. *** Previously thought to be part of 4 BS but appeared to be a 3 WA / 1 RGBS intrusion into 4 BS.