

Bhutan May 2002

Joyia Chakungal

\*\*\*NOTE: All planar measurements are presented as dip direction and dip angle.\*\*\*

Station	Date	Co-ordinates	sample	S	L
006	08. 05.	No	291 ?	Shear bands tt S 148/ 33	Lstr  137/37
007		028 01 311 089 43 550 3227 m	289 ?		
1		028 08 054 089 47 295 4070 m		Sf 116/15 Ssb: 162/75	Lstr 146/15 Lboudin: 094/22
		To the S	201	S1 254/63 Sap in boudin: 356/46	Lfa in boudin: 296/33
2		dj	202	Sf 312/10 Sap(isocl) 328/14, 295/10  Sf 127/25	Lstr(augen) 290/05 Lfa(isocl) 286/20, 316/05 Lstr. 306/02, 308/20
3		dj		Ssb344/35 ttS Sf 316/30	
4		028 08 270 089 47 471 4133 m		Sf 072/32 Fault 312/62, 314/72	Lsl 310/70 Lis 105/27
			203	Ssb 328/30 Sf 128/20	Lfa(isocl) 146/12
5		Dj #13		Sf 111/33, 082/15,	Lstr (sillm) 151/25,

				010/30	Lis 102/15 Lfa 147/15
6		dj		Joints: 332/80, 325/90, 232/48 Fault: 336/90	Lsl 068/59
7		028 08 848 089 47 717 4218 m			
8		028 08 980 089 47 924 4125 m		Fault 156/66, 168/49	Lsl 153/66 ttSE, 143/43 normal
9		028 09 050 089 47 956 4123 m		Sf 025/52, 057/10 Fault 156/70	Lstr 118/07 Lsl 134/65 normal, ttSE
10		028 09 098 089 47 999 4137 m	204 205 206 207	Fault 170/60 Sf 034/35	Lsl 130/55 + tourmaline Lfa 085/02
11		028 09.148 089 48.024 4190 m	208	Sf 033/33	
12		028 09.226 089 48.065 4202 m		Sf 036/34	
13		028 09.300 089 48.037 4277 m		Sf 048/18	
14		dj		Sf 020/60, 080/37?	
15	14. 05.	028 10.307	209	Sf 005/55, 000/55	

		089 48.363 4289 m	210 211 212 213a 213b		
15		028 10.304 089 48.368 4419 m		Sf 039/30	
16 wpt 22		028 10.304 089 48 368 4419 m		Sf 039/30	
17		028 10.321 089 48.364 4447	214	Mylonitised! Sf 042/40 Au.gneiss 012/27 restite	
18		028 10.344 089 48.377 4476 m	215	Sf 009/28  Sf 032/33	
19		028 10.367 089 48.408 4479 m	216 a,b,c 217 a,b	Sf 040/65	
20	15. 05.	028 07.849 089 47.057 4144	218	Sf 212/20, 165/48 Fault 314/68 Sf 155/12 Fault 321/68	Lstr-bt 168/28 Lsl 288/68, Rev. ttSW Lsl 263/55
21		028 07.988 089 46.905 4425	219 220 221	Fault 170/59  Sf 145/42, 152/26, 154/21	Lsl 130/54 normal  Lstr(Sill) 152/25

				Fault 145/50 Joints: 062/80, 067/83 Sf 287/40 173/20	Lsl 103/58  Lstr(sill) 161/21
22		028 08.044 089 47.274 4358 m		Sf 146/33	
→ Toma La	16. 05.	028 11.243 089 49.231 4490/4470am			
Halt	17. 05.				
New camp	18. 05.				
23	19. 05.	028 10.558 089 48.712 4411 m		Sf 076/24 109/40 020/35	Lboudin 016/10 Lstr(sill) 152/30 Lstr(hbl) 120/18
			222	Sf 039/15	Lmin 324/07
24		028 10.518 089 48.686 4386	223	Sf 055/34, 058/35  Sf 013/83 in m.bou Sf 063/25	Lboudin 093/13  Lboudin 350/40 ? Lstr(sil)155/15
25		028 10.473 089 48.604 4375	224A 224B 224C 224D	Sf around boud: 044/76 Sf 005/50	

	20. 05	Wagye La 028 13 421 089 52.032 5430 m /am 5291 m /GPS			
26		028 12.356 089 51.474 4913 m	226	S3 292/24 C in a S/C fabrics	
27	21. 05.	028 11.082 089 50.351 4728 m	227 228 229	S3? 356/15 Sf 268/15, 266/20 ? Sf 238/00	
28?		dj	230	S3 344/17	
29		028 10.070 089 50.464 4790		Sf 068/13, 000/32	Lstr(fsp) 042/12 Lstr 342/07 dyke
New camp Kuluka	22. 05.				
30	23. 05.	028 06.238 089 45.225 3980 m		Sf 167/20 Ssb 153/37 2 sets Fault 178/90	Lstr 145/37 s.book Lsl 092/60
31		dj		Ssb 149/51, 145/45 Sf 256/15, 230/15	ttS
			243- 258		

New camp	24. 05.	028 03.702 089 42.714 3419 m			
32	25. 05	028 03.745 089 43.014 3743 m		Sf 198/34 Fault 172/84 Sf 235/20	Lsl 095/60 ttSE Foliation drag
33		dj		Sf 276/17, 281/13 Fault 163/84	Lsl 094/67
34		028 04.256 089 43.244 4014 m	259	Sf 241/263/14	
35		028 04.376 089 43.332 4047m	260	Sf 319/41, 262/15? Fault 169/90 Sf 312/30 264/10? 302/32 Sf 264/10 Fault 164/83	TdtSE Lsl 089/57
			261- 267		
Laya	26. 05.				
Laya	27. 05.				
New camp	28. 05.	028 08.089 089 42.329			

		3874m			
36	29. 05.	028 09.596 089 41.672 4187 m	268 269	Sf 052/20 357/12, 344/17 Sf 028/10	Lmin(sill)333/15
37		028 09.589 089 41.906 4214 m	270	Sf 023/40, 033/20 Fault 169/85  Fault/contact: 163/60, 160/50	Lsl 090/55
38		028 09.097 089 41.996 4068 m		Sf 001/41, 050/40, 037/20, 358/23, 037/20 Fault 168/61	Lsl 097/29
39	30. 05.	028 03.843 089 43.053 4076 m		Sf 028/40 ga/amf Sf 353/60, 062/42 Fault 152/70	Lsl 083/50 + Riedels, s.book Lmin(amf) 322/13, 181/15
40		028 08.884 089 43.139 4089 m		Sf 026/47, 050/43, 000/53	
41		028 09.005 089 43.310 4127 m	275- 280	Sf 025/30, 034/20	Lmin(sill) 325/17
42	31. 05.	028 08.574			Limin(sill) 335/30,

		089 42.451 4114 m		Sf 300/30, 341/23 Sf 029/28 Fault 301/69 Sf 338/41, 010/55, 030/47	331/19 Lboudin 322/13 Lstr(m.agr) 334/22 Lsl 283/64 tdNW Lstr(sill) 343/30
43		dj		Sf 022/23, 024/34, 040/52, 035/48, 040/45, 028/36	Lstr/min344/27, 328/23, 346/38, 338/24 Lfa 116/20
44		028 08.435 089 42.542 3839 m		Sf 358/22, 355/35 Fault 344/76	Lis 353/21 Lsl 255/17
45		028 08.033 089 42.552 3833 m		Fracture ? 297/65 Sf 019/20, 057/37, 042/32, 056/40	
			271- 274 281		
45	01. 06.	028 08.354 089 43.018 3926 m	282	Sf 296/50, 066/33 Joints: 290/76, 293/83, 294/82 Fault 298/85	Lstr(Kfs) 332/47 Lsl 022/57?
46		028 08.472 089 43.124 3923 m		Fracture cleavage 252/32 Sf 044/35, 042/42	
47		028 08.669		Sf 061/28, 004/37?	



		089 43.389 4088	283 284	Joints 326/63 Sf 035/30, 049/38 Sf 326/55 Sf 005/30 Sf 319/28	
48		028 08.980 089 43.599 4186 m	285 286	Sf 032/52	
49	02. 06.	028 06.569 089 41.378 3755	287	Sf 200/45, 234/53, 224/35 Sf 205/73, 240/60, 219/65 Sf 224/38, 224/35, 215/50	Lstr(sill) 329/24  Lis 122/10
	03. 06.				
	04. 06.		288		
			289 290 291		
	05. 06.				
50	06. 06.	027 39.487 089 47.371 1380 m	173A 292		

