

016177

76VI-1

S 11 S  
E 104 E

200' -81°

400' -73°

600' -68°

714' -66°

End  
of hole



Stage	S <sub>1</sub>	S <sub>2</sub>	Folding	Remarks
Overburden to		35'		
40	43	57	S, N S <sub>2</sub> ≈ 14°	S <sub>2</sub> >> S <sub>1</sub>
50		46		" "
60	34	52	S, N S <sub>2</sub> ≈ 19°	S <sub>2</sub> >> S <sub>1</sub>
70		36		S <sub>2</sub> <del>only</del> only
80		58		
90	80	51	S, N S <sub>2</sub> ≈ 29°	S <sub>2</sub> >> S <sub>1</sub>
100		55		S <sub>2</sub> only
110	43	57	S, N S <sub>2</sub> ≈ 14°	S <sub>2</sub> > S <sub>1</sub>
120		61		S <sub>2</sub> only
127			-Z very in S <sub>1</sub> fold.	
130	20	55		
140		52		S <sub>2</sub> >> S <sub>1</sub>
150	20	52	- appears to be E very in S <sub>1</sub>	S <sub>2</sub> >> S <sub>1</sub>
160		57		S <sub>2</sub> " "
170		54		" "
180		60	- much warping of S <sub>2</sub> around and, purple.	S <sub>2</sub> only
190		62		S <sub>2</sub> only
200	76	57	S, N S <sub>2</sub> ≈ 19°	S <sub>2</sub> > S <sub>1</sub>
209		62		S <sub>2</sub> only
221		70		S <sub>2</sub> >> S <sub>1</sub>
223-224	intense defor of S <sub>1</sub> in epiphyte phyllite - S <sub>1</sub> , Z, and E very present in apparently random order.			
230		45 (poor)	} much defor of S <sub>1</sub> } through S <sub>1</sub> , Z, & E very } in random order.	} S <sub>2</sub> >> S <sub>1</sub> (with small-scale defor locally assures S <sub>2</sub> )
235		55 (good)		
246		59 "		
250		37 "		
260		41 "		
270		40		
280		57		S <sub>2</sub> >> S <sub>1</sub>

76 VI-1

Stage	S <sub>1</sub>	S <sub>2</sub>	Folding	Remarks
250		72	much defn. S <sub>1</sub> not det.	S <sub>2</sub> approx
300		62	Z-very in small S <sub>1</sub> folds.	S <sub>2</sub> >> S <sub>1</sub>
306			S-very in small wraps of S <sub>2</sub> (λ ≈ 1/4)	
310		57		S <sub>2</sub> >> S <sub>1</sub>
320		55	-much defn in S <sub>1</sub>	S <sub>1</sub> ≈ S <sub>2</sub>
330		54	-slight defn in S <sub>1</sub> - very not det	S <sub>2</sub> > S <sub>1</sub>
340		59		S <sub>2</sub> >> S <sub>1</sub>
350		63		S <sub>2</sub> >> S <sub>1</sub>
360		57	-S-very in <u>S<sub>2</sub></u> fold (Kink)	S <sub>2</sub> > S <sub>1</sub>
370		68		S <sub>2</sub> >> S <sub>1</sub>
376			-S-very in S <sub>1</sub> fold (3" = λ)	
380		69		S <sub>2</sub> >> S <sub>1</sub>
390		69	-Some local defn - may be	S <sub>1</sub> or S <sub>2</sub> S <sub>2</sub> > S <sub>1</sub>
398		72	" " " " " " " " " "	" " " " S <sub>2</sub> > S <sub>1</sub>
410		62	S-very in minor S <sub>1</sub>	S <sub>2</sub> >> S <sub>1</sub>
420		58		S <sub>2</sub> only
435		48		S <sub>2</sub> ≈ S <sub>1</sub> (?) (maybe if defn S <sub>2</sub> )
442	85	64		S <sub>2</sub> >> S <sub>1</sub>
443	→ abundant folding in	57	S <sub>2</sub> (prob) - very not necessary due to drawing & offset	S <sub>2</sub> >> S <sub>1</sub>
450			S-very in minor S <sub>1</sub>	S <sub>2</sub> >> S <sub>1</sub>
460		60		S <sub>2</sub> only
470		53		" "
478	→		folding in S <sub>1</sub> - very not necessary. For axis ⊥ to horizontal strike line of S <sub>2</sub> fold.	
479		54	" " " " S-very	
490		51		S <sub>2</sub> only
500		54		" "
510		67		" "
520		68		" "
530		66		S <sub>2</sub> >> S <sub>1</sub>
540		74	S-very in small kink fold in S <sub>2</sub>	

43-552  
 556  
 562  
 570  
 590  
 590  
 600  
 612  
 620  
 630  
 640  
 46-655  
 662  
 670  
 680  
 690  
 6700  
 706

74  
 78  
 80°  
 avg(90°)  
 avg(90°)  
 64 (approx)  
 72  
 86  
 85  
 80  
 77  
 82  
 80  
~~78~~  
 76  
 72

→ partial procciation - maybe some faulting and/or intrusion by  
 qtz. rich material

- much defn. in S<sub>1</sub> & S<sub>2</sub>

→ much defn. of S<sub>1</sub> (?)

much defn. in S<sub>1</sub> (?)

S<sub>2</sub> only  
 S<sub>2</sub> 775,  
 S<sub>2</sub> only

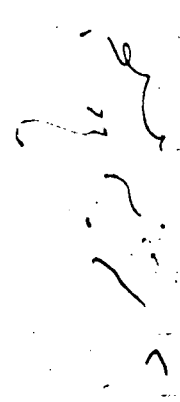
S<sub>2</sub> 775,

S<sub>2</sub> 775,

S<sub>2</sub> only  
 S<sub>2</sub> only

S<sub>2</sub> only

" " - some small  
 scale warping.



6VI-1-10C

- 70% subrounded qtz fragments often yellow in color.
- some minor amounts of calcite associated with the qtz.
- 30% sub-angular phyllite and schist fragments. phyllite much more abundant than schist.
- phyllite - blue grey to black grey color
- schist - rusty colored fragments.
- muscovite flakes abundant in this portion as well (may be set phyllite fragments).

6VII-20C

- 50% qtz fragments some rusty, some yellow, some grey vitreous.
- often rusty qtz is magnetic - magnetite inclusions
- not calcitic
- 50% fragments schist, greenstone, and phyllite.
- schist - rusty to brown fragments
  - sub angular
  - 10%
- greenstone - vitreous to dull, angular to rounded fragments. - 10%
- color black grey to green
- phyllite - 30%
  - grey - blue grey sub angular fragments
  - some angular.
  - minor graphitic fragments.

6 VI-1-30C

- 50% qtz fragments
  - subrounded to ~~rounded~~ sub angular
  - yellow to grey vitreous
  - some are magnetic - magnetite inclusions?
- 15% black grey microxt<sup>l</sup> phyllite fragments
  - sub angular to angular
  - appears to be silicious by nature of weathering
  - biotite rich, graphitic?
- 10% schist fragments
  - sub angular to rounded.
  - rusty brown to green
  - muscovite + chlorite + bi rich
- 5% - pale green greenstone fragments? } sub
- 5% - graphitic phyllite fragments } rounded
- 5% - mica fragments - angular

6VI-1

Sinking E.

665  
7500

Footage

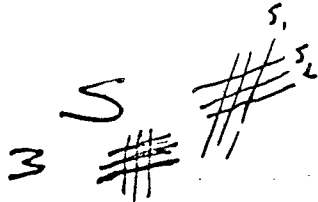
S<sub>1</sub> sym.

S<sub>2</sub> sym

82

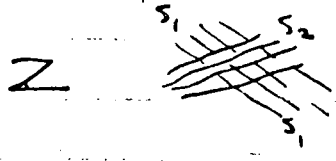
126

155

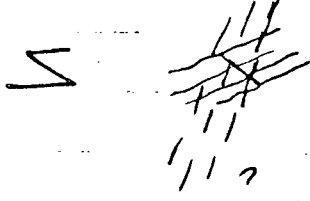


163

192

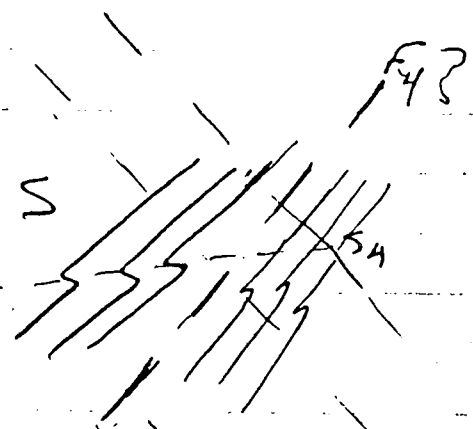
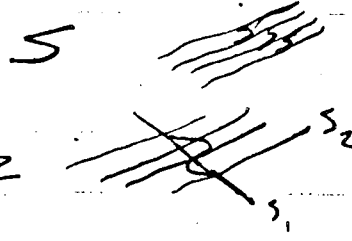


210



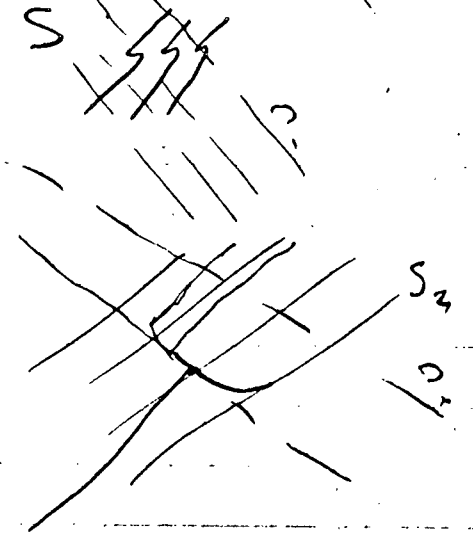
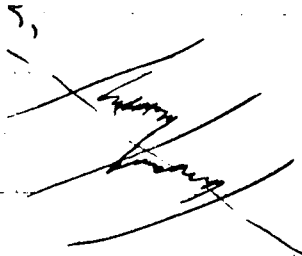
243

299



303

338



377



413

564

529

594

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