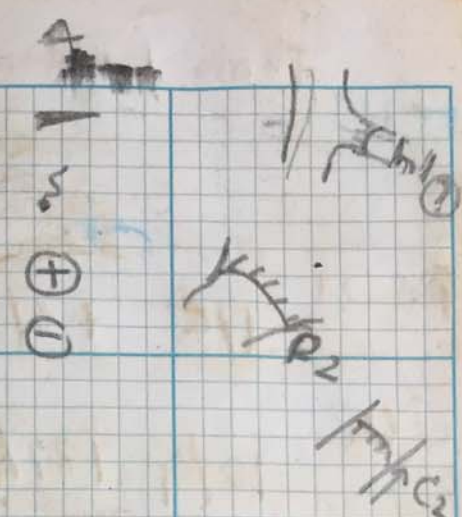


∴ sand	Y
≡ mud/clay	X
⊙ cobbles	X
⊥ bedrock	H
MnO <sub>2</sub>	*



TIRAM LURAN 4 - ROUTE BASSE TO EXTENSIONS

DATE: 3 01/04/2021

TEAM: JOSH, ADD, BO, MARIO, PUI, SUDEEP

Time In: 11:22  
SURVEY START: 16:40

SKETCH: JOSH  
INST.: ADD  
POINT: BO

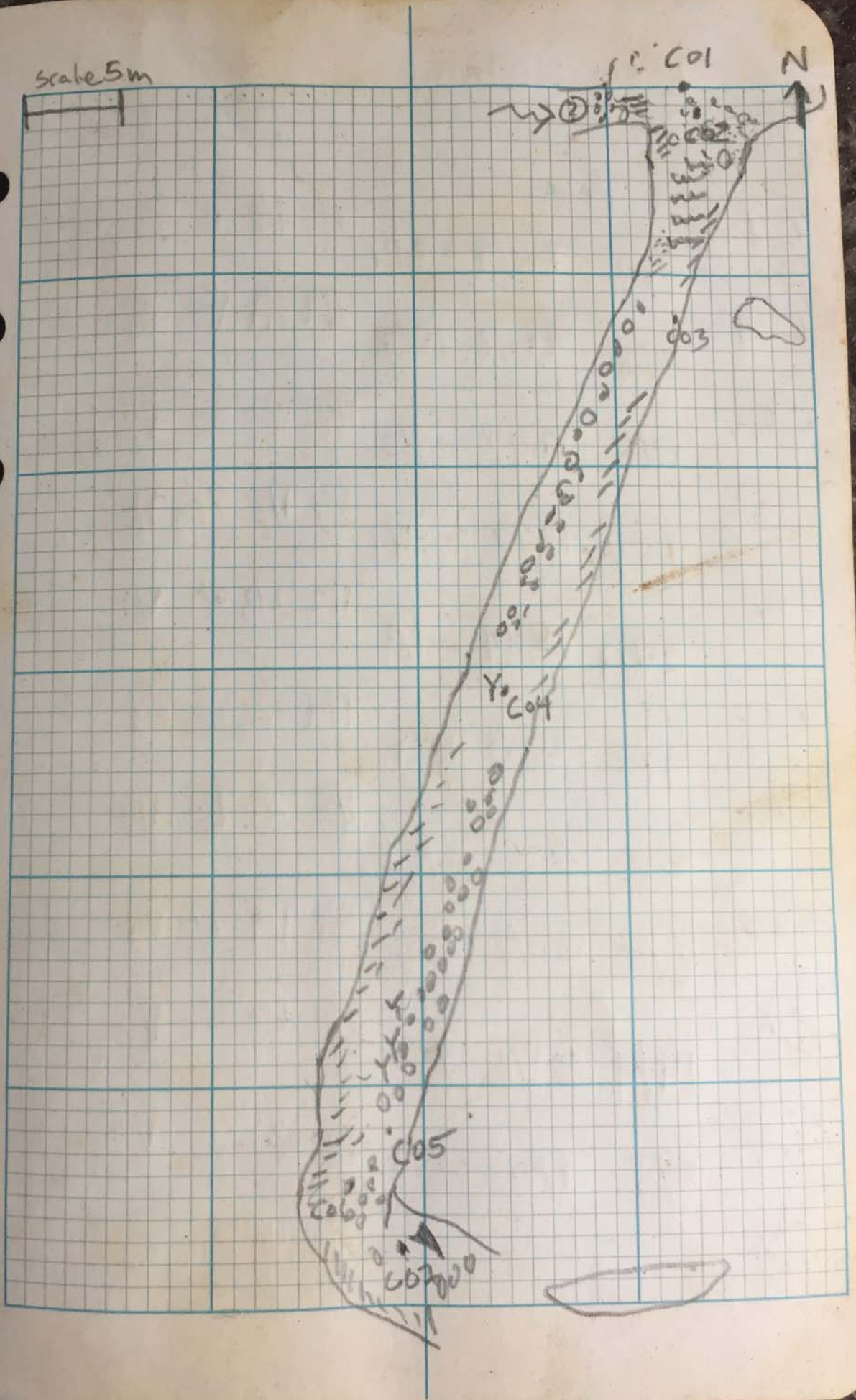
DISTO 2310 4889

Ritter, de Klerk

Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
PC01				113	210	0	017	1200 Ceiling
	115	fs 150/0 bs	fs -14/1 bs	710	210	0	017	
C02				218	216	0	014	
	10/9	fs 187/7 bs	fs 212 bs					
C03				0	213	111	111	5P
	20/7	fs 205/9 bs	fs -0/3 bs			311		2P
C04				117	117	118	114	
	22/1	fs 194/9 bs	fs -1/5 bs					
C05				019	314	019	114	
	3/2	fs 214/1 bs	fs -4/7 bs					
C06				212	118	118	113	
	4.3	fs 1402 bs	fs -19 bs					
C07				210	217	016	110	
	12/7	fs 138/5 bs	fs 2/6 bs					
C08				214	311	0	112	
	2/10	fs 180/9 bs	fs -0/7 bs					
C09				0	615	1511	111	
	7/5	fs 246/8 bs	fs -518 bs					
C10								
	32/5	fs 269/8 bs	fs 71/2 bs					
Aven	Total Survey this page							

INNER MOUNTAIN  
OUTFILTERS  
770-307-4886

scale 5m



N

C01

C02

C03

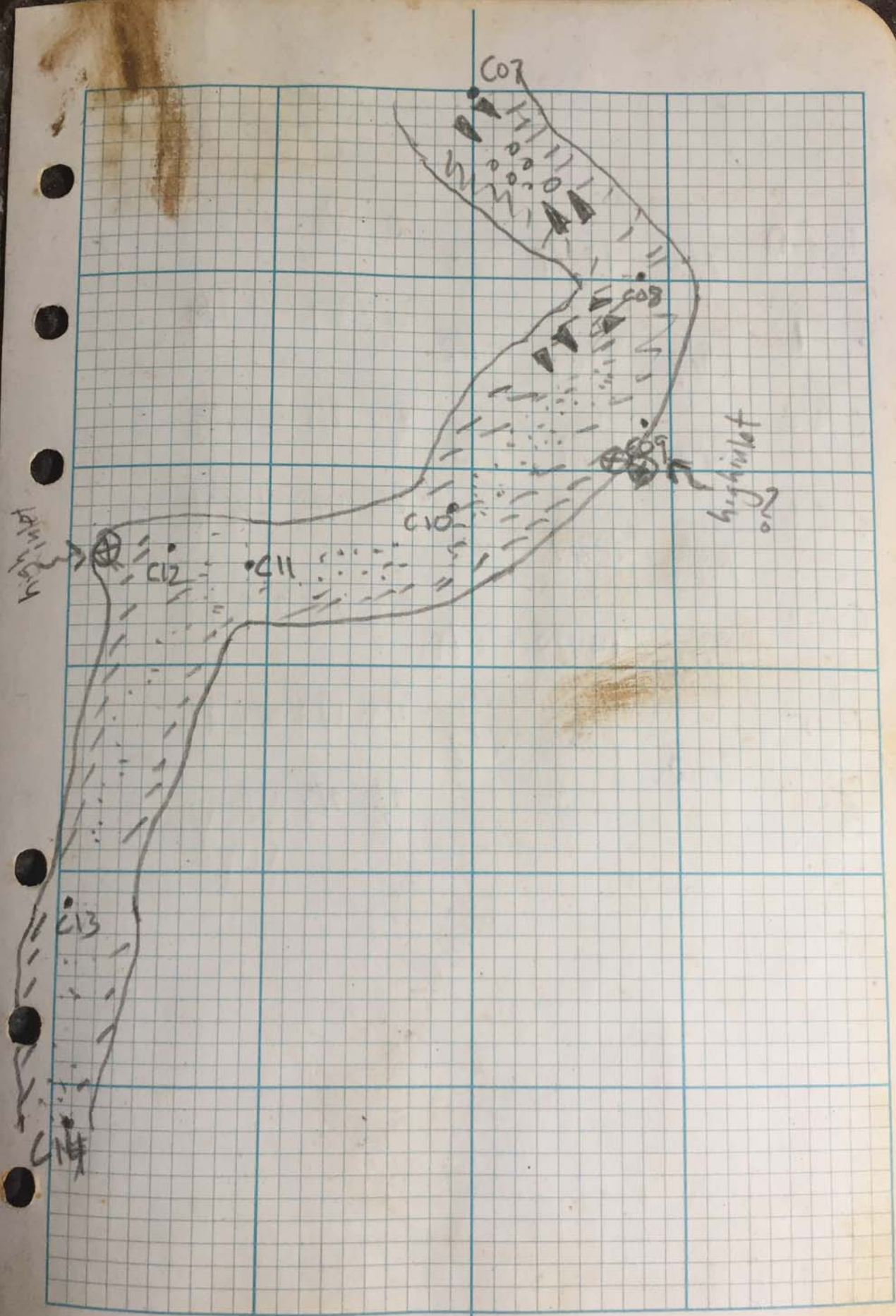
C04

C04

C05

C06

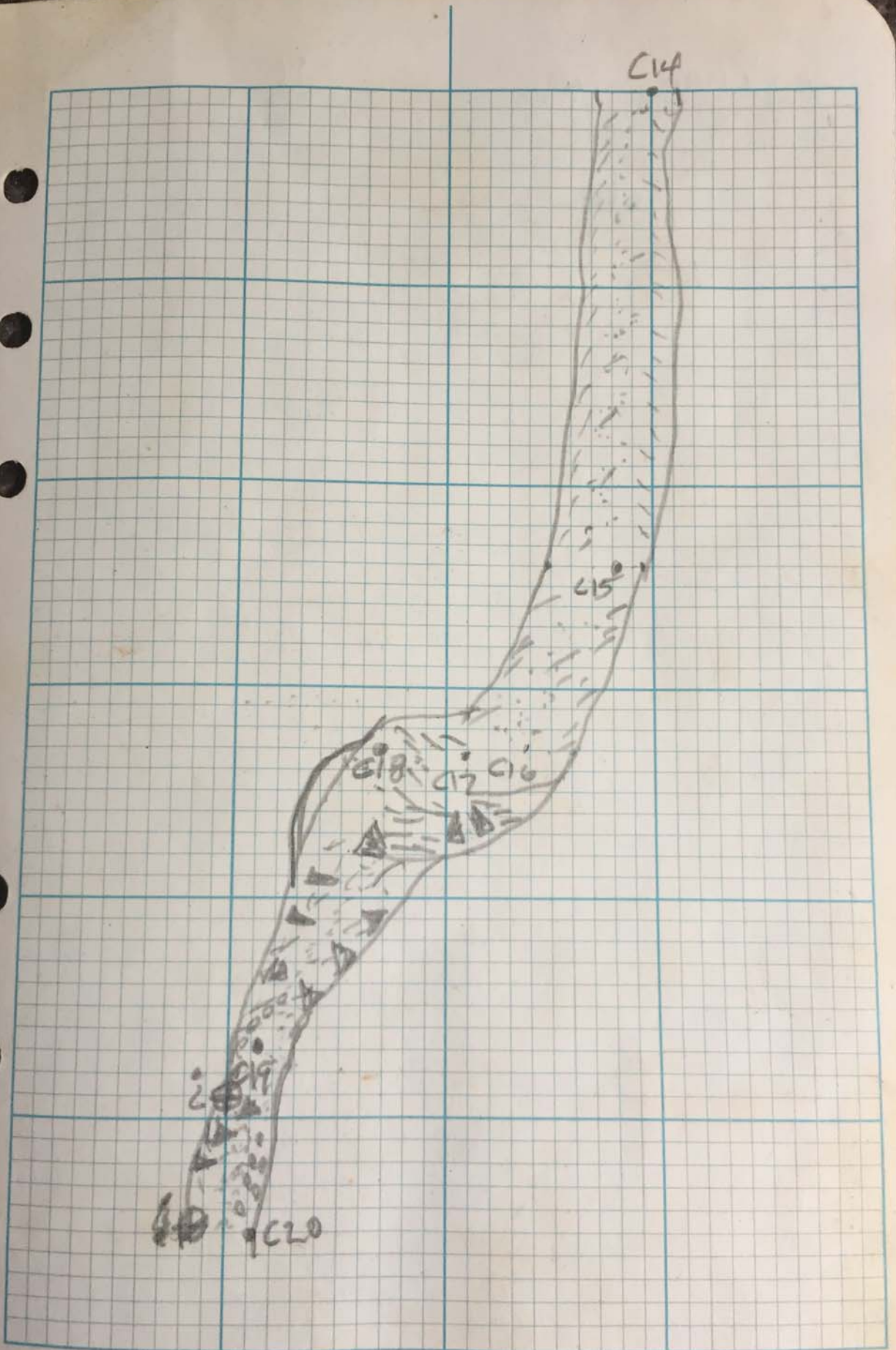
C07



Rite in the Rain

Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
C10	5/6	fs 252/9 bs	fs -2/4 bs	2/9	1/2	0	0/9	
	C11	3/8	fs 284/8 bs	fs 18/7 bs	2/7	2/1	1/0	0/5
C12		17/8	fs 194/7 bs	fs -2/2 bs	4/3	3/9	3/2	1/7
	C13	10/4	fs 178/7 bs	fs -0/1 bs	3/4	1/6	2/2	1/6
C14		24/11	fs 184/4 bs	fs -1/5 bs	1/2	2/3	0/3	0/1
	C15	9/8	fs 205/4 bs	fs 4/1 bs	1/4	3/2	0/5	0/9
C16		3.2	fs 260 bs	fs -6/6 bs	1/8	2/8	1/5	1/9
	C17	6/5	fs 269/9 bs	fs 0/3 bs	5/11	1/9	2/6	1/4
C18		14/9	fs 209/2 bs	fs -2.2 bs	5/4	1/3	5/5	1/3
	C19	8/5	fs 179/5 bs	fs -2/8 bs	1/8	1/1 <del>4/8</del>	4/8 6/5	1/5
C20					2/8 0	3/4 2/6	3/4	0/8
	Total Survey this page							

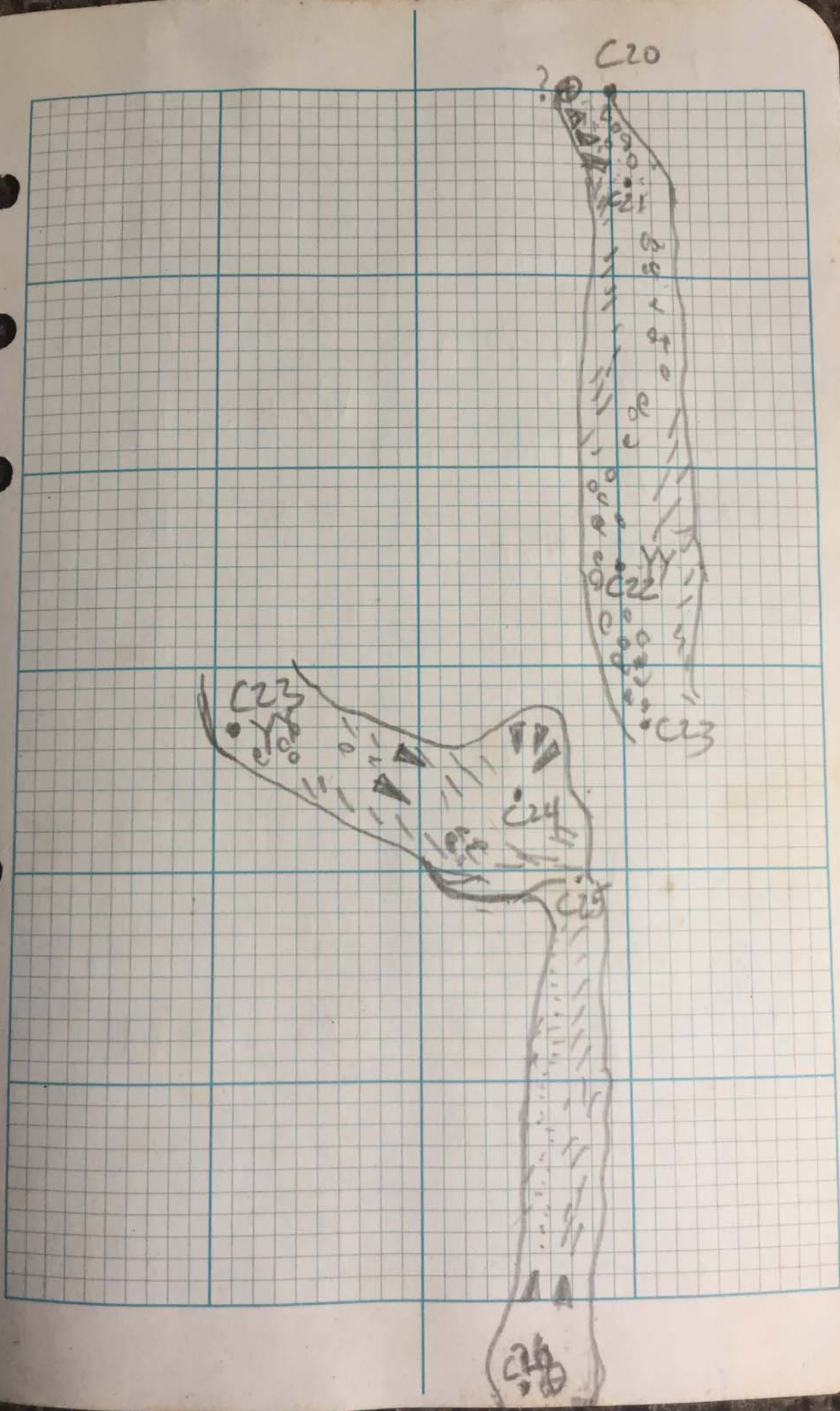
INNER MOUNTAIN  
OUTFITTERS  
770-307-4686



Plot in the form

Station	CAVE SURVEY			L	R	U	D	Notes	
	Distance	Azimuth	Vertical Angle						
C20	710	fs 170/7 bs	fs 0/3 bs	0	2/6	3/4	0/8		
C21	19/7	fs 181/7 bs	fs -1/2 bs	1/7	1/9	0/8	1/4		
C22	8/2	fs 172/1 bs	fs 2/3 bs	3/8	2/1	5/1	0/9		
C23	14/3	fs 102/9 bs	fs -5/2 bs	3/6	0/8	2/4	1/5		
C24	5/2	fs 144/8 bs	fs -6/1 bs	5.6	4.5	2.9	1.6		
C25	23/2	fs 186/3 bs	fs 0/7 bs	6/3	1/9	0/3	1/1		
C26		fs bs	fs bs	3/5	0/7	4/3 1/4	1/1		
		fs bs	fs bs						
		fs bs	fs bs						
		fs bs	fs bs						
		fs bs	fs bs						
		Total Survey this page							

INNER MOUNTAIN  
OUTFITTERS  
770-307-4686





Rite in the Rain

Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
C26	7/5	fs 161/2 bs	fs -2/1 bs	3/5	0/7	6/3 1/4	1/1	high Passag
C27	14/9	fs 180/0 bs	fs 3/0 bs	0/5	2/8	0/3	1/3	
C28	2/3	fs 176/4 bs	fs -17/7 bs	1/7	2/5	2/8	1/4	
C29	1/5	fs 118/7 bs	fs 3/5 bs	2/0	1/2	4/3	1/2	
C30	14/6	fs 204/6 bs	fs -5/1 bs	0/3	4/7	5/2 1/5	0/5	mud floor
C31	3/3	fs 224/8 bs	fs -2/8 bs	0/6	4/3	0	0/6	
C32	8/1	fs 223/8 bs	fs 1/9 bs	0/6	4/1	0	0/4	
C33	15/1	fs 189/3 bs	fs 0/8 bs	2/1	0	3/5	0/6	
C34		fs bs	fs bs	2/4	0/5	2/6	1/1	
		fs bs	fs bs					
Total Survey this page								

INNER MOUNTAIN  
OUTFILTERS  
770-307-4886

C26

C27

Cross

C28

C29

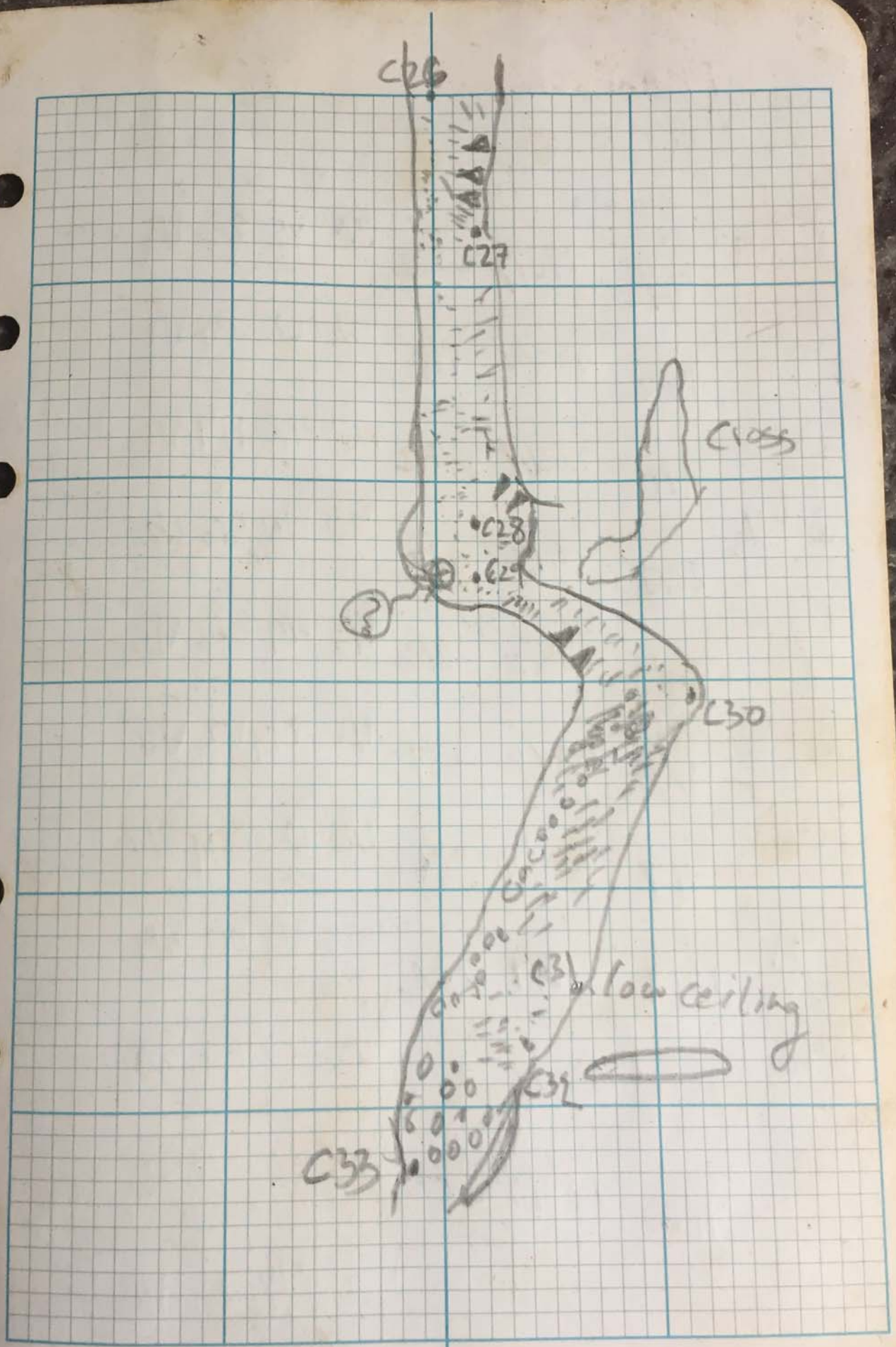
?

C30

low ceiling

C31

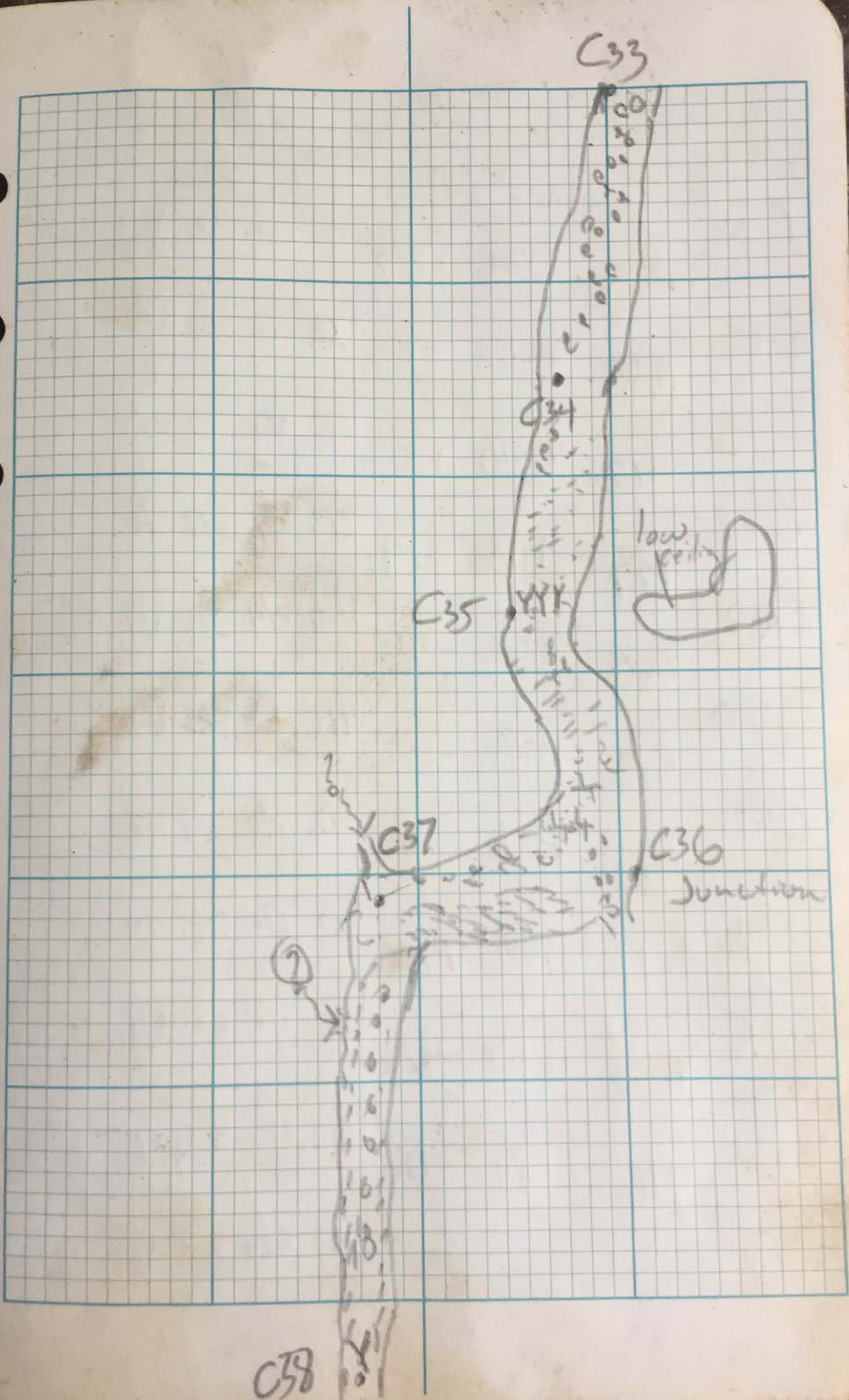
C33



Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
C34	12/1	fs 192/9 bs	fs -2/2 bs	2/4	0/5	2/6	1/1	
C35	14/2	fs 155/0 bs	fs 1/8 bs	3/0	0	0/9	V1	
C36	12/5	fs 263/7 bs	fs -1/2 bs	0	4/8	1/7	1/6	Junction
C37	22/2	fs 182/9 bs	fs 0/7 bs	3/3	<del>1/0</del> 4/7	<del>3/8</del>	<del>1/2</del>	Inlet
C38	22/1	fs 183/8 bs	fs -1/8 bs	1/3	0/4	3/7	1/3	
C39	11/3	fs 231/6 bs	fs -8/9 bs	1/1	2/9	V9	V10	
C40	7/7	fs 223/8 bs	fs 9/9 bs	1/6	0	0/9	0/7	
C41	10/9	fs 303/7 bs	fs 5/2 bs	0/5	3/5	0/3	0/7	
C42	10/8	fs 234/3 bs	fs -16/0 bs	2/2	0	4/1	2/2	
C43	7/6	fs 182/0 bs	fs -2/0 bs	3/1	0	3/7	0/5	
C44	Total Survey this page			0	2/7	2/1	1/4	

Peter van der Pluijm

INNER MOUNTAIN  
OUTFITTERS  
770-307-4896



C33

C34

C35

low filling

C37

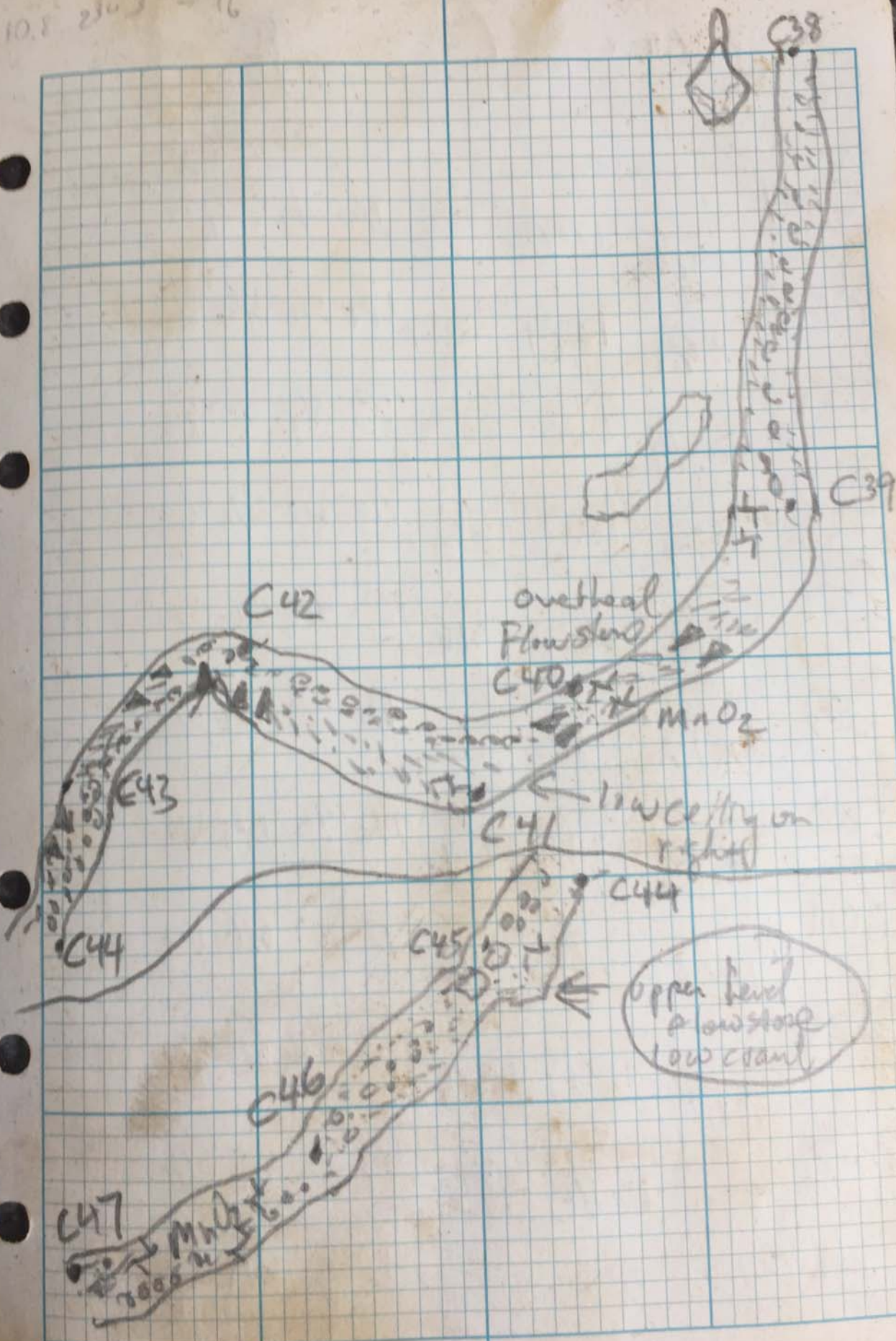
C36

Junction

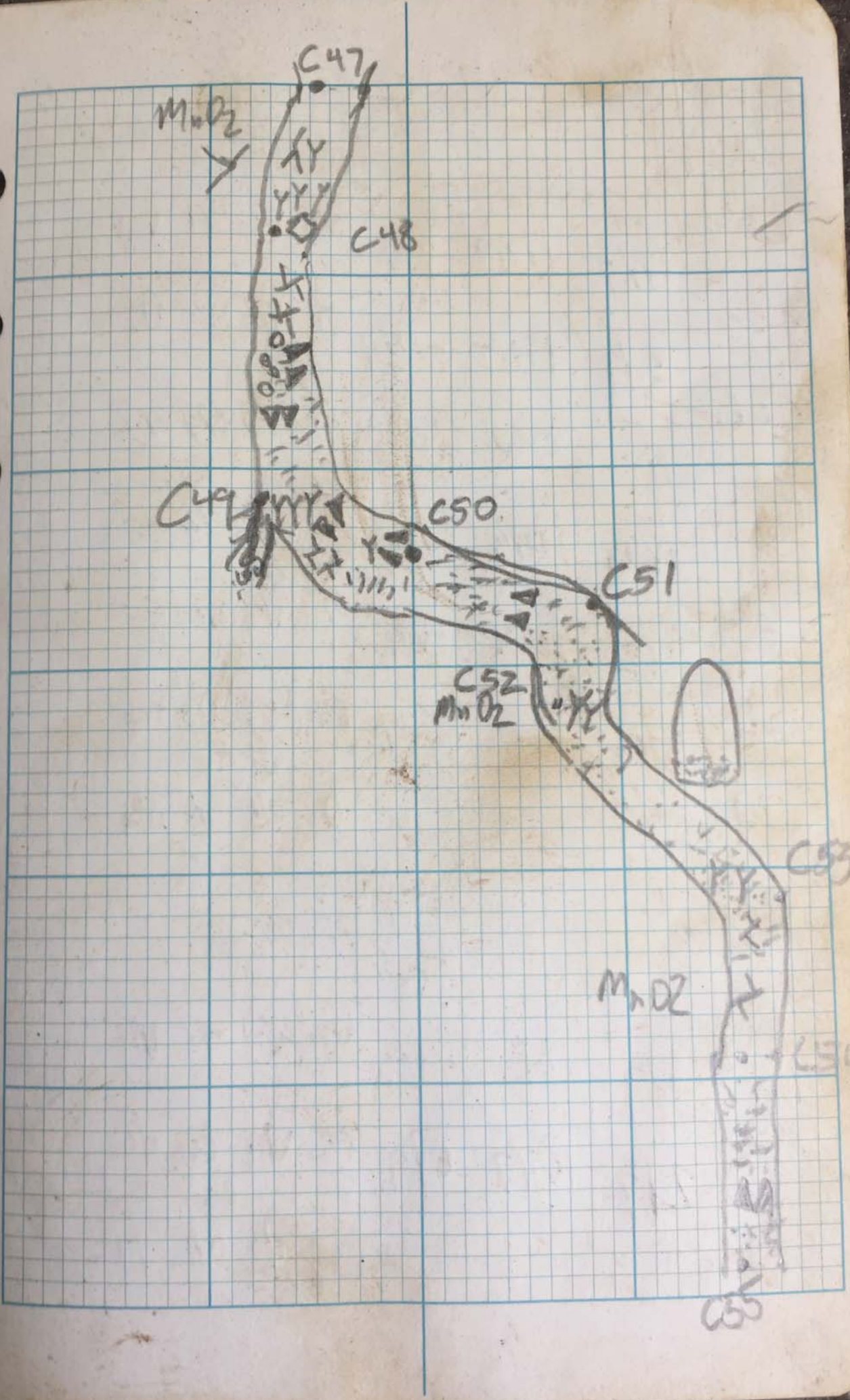
C38

7

10.8 2303 - 16



Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
C44	5/3	fs 237/2 bs	fs -9/7 bs	0	2/7	2/4	V4	
	C45	11/8	fs 221/8 bs	fs -0/9 bs	4/2	0/8	3/6	0/5
C46		11/7	fs 244/1 bs	fs 1/0 bs	V6	V1	0	0/5
	C47	7/7	fs 191/6 bs	fs 3/4 bs	2/3	0/7	5/2	0/6
C48		12/7	fs 181/3 bs	fs -4/5 bs	1/3	0/4	2/3	1/7
	C49	8/0	fs 209/1 bs	fs -6/2 bs	4/6	0	0/9	V4
C50		9/2	fs 108/0 bs	fs 5/5 bs	1/2	3/0	0/8	1/2
	C51	5/1	fs 199/6 bs	fs 1/6 bs	0	2/4	2/1	V4
C52		14/0	fs 129/7 bs	fs -4/6 bs	2/0	V6	4/4	V1
	C53	7/6	fs 195/4 bs	fs -7/7 bs	0	3/3	4/2	0/5
C54		Total Survey this page			1/5	0/9	0/9	0/3

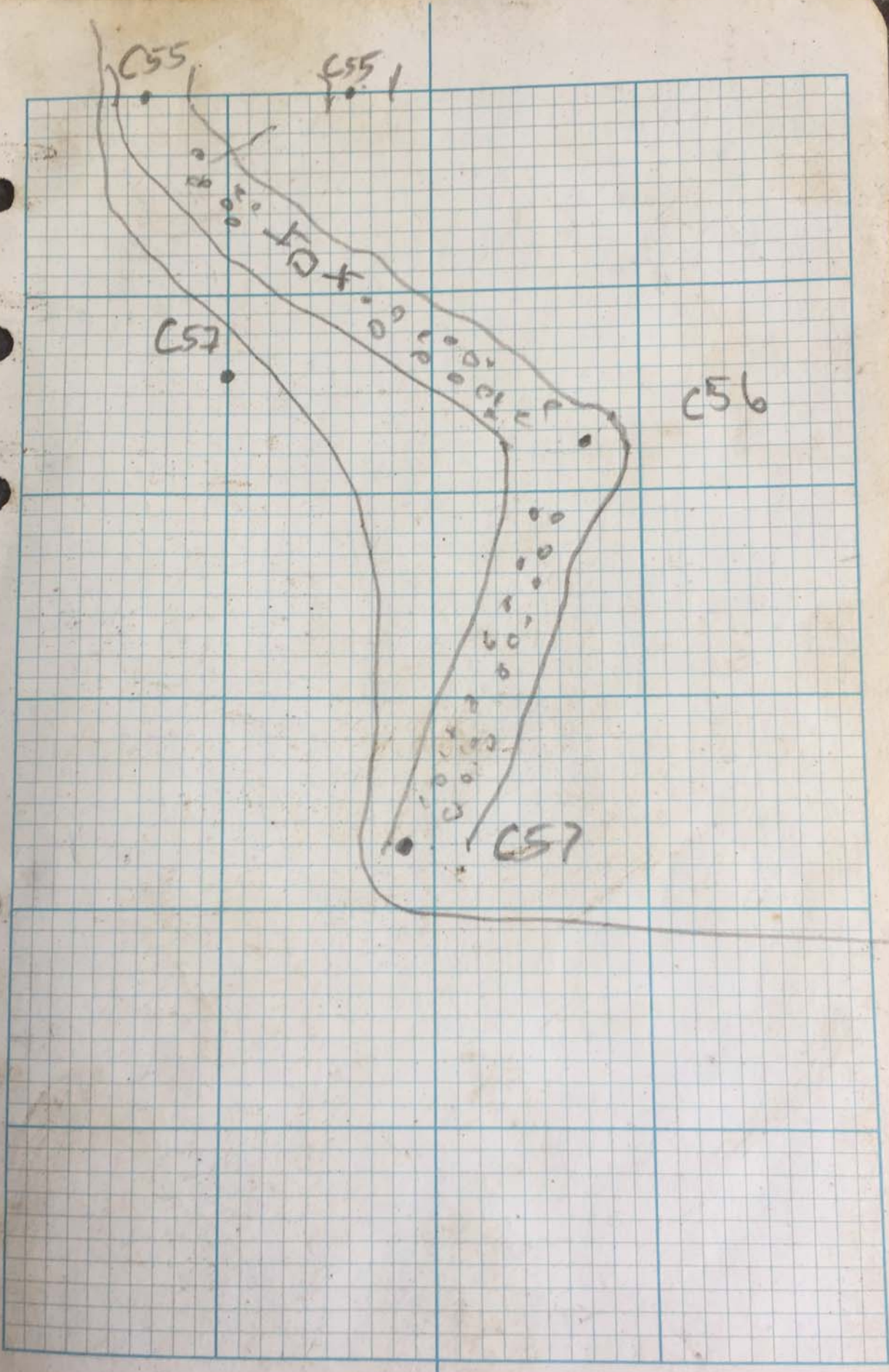


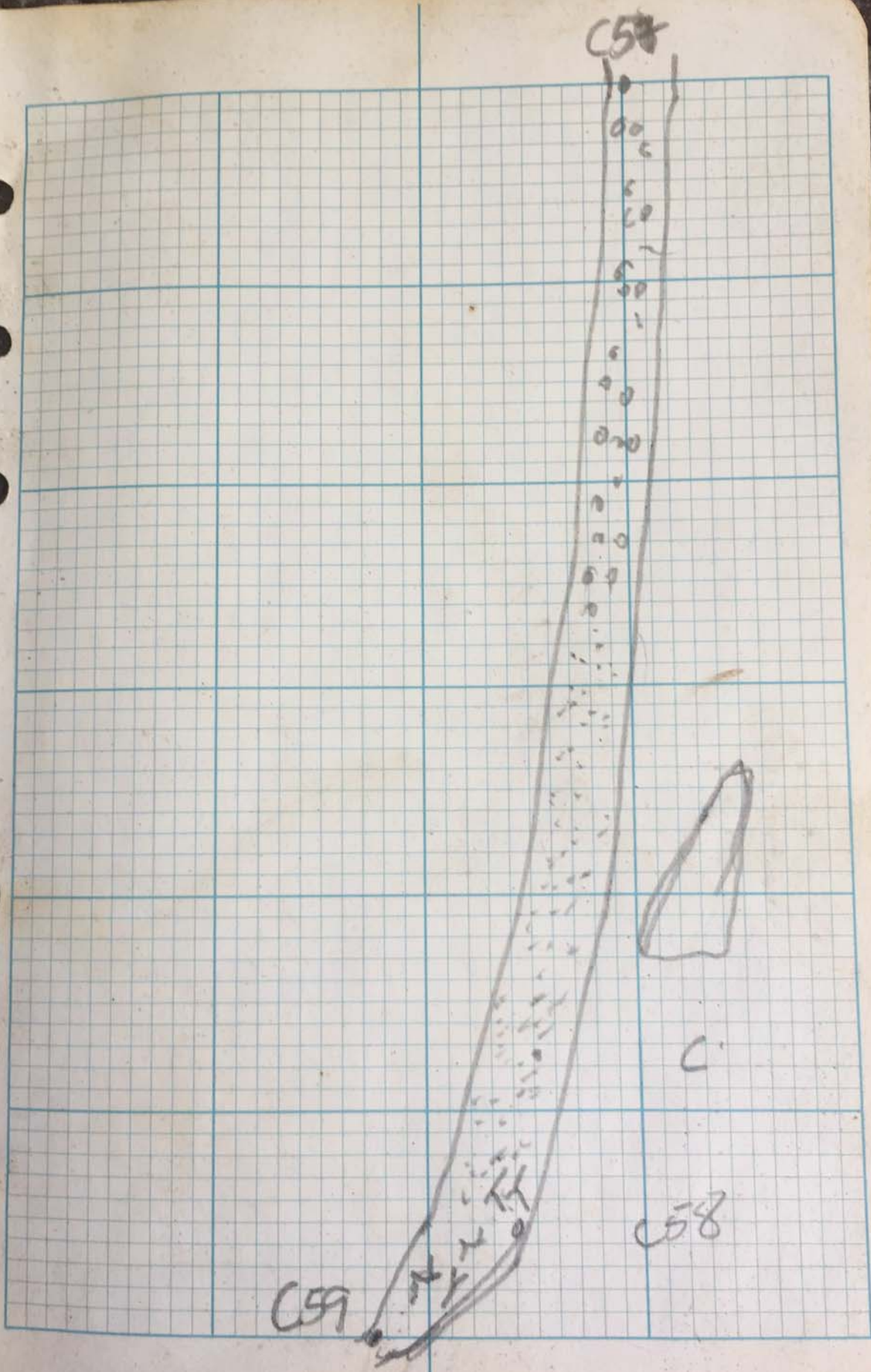
Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
C54	10/6	fs 179/9 bs	fs 13/0 bs	1/5	0/1	0/1	0/3	
C55	27/1	fs 128/4 bs	fs -16 bs	1/9	0/6	5/6	1/6	
C56	20/9	fs 203/4 bs	fs -0/9 bs	1/3	3/7	3/6	1/3	
C57	56/9	fs 186/0 bs	fs -0/3 bs	2/4	0/5	4/9	1/3	
C58	8/2	fs 231/2 bs	fs 3/0 bs	0	4/0	4/6	0/8	
C59	8/7	fs 153/6 bs	fs 0/3 bs	1/3	0	2/6	2/2	
C60	10/2	fs 138/9 bs	fs 1/1 bs	3/0	0	5/1	1/3	
C61	10/7	fs 89/9 bs	fs 4/3 bs	3/2	0	6/6	1/4	
C62	9/9	fs 132/9 bs	fs -4/9 bs	5/0	5/4	6/0	1/5	Junction
C63	22/5	fs 184/0 bs	fs 1/0 bs	3/9	5/3	6/1	0/7	
C64		Total Survey this page		3/8	0	4/1	1/7	

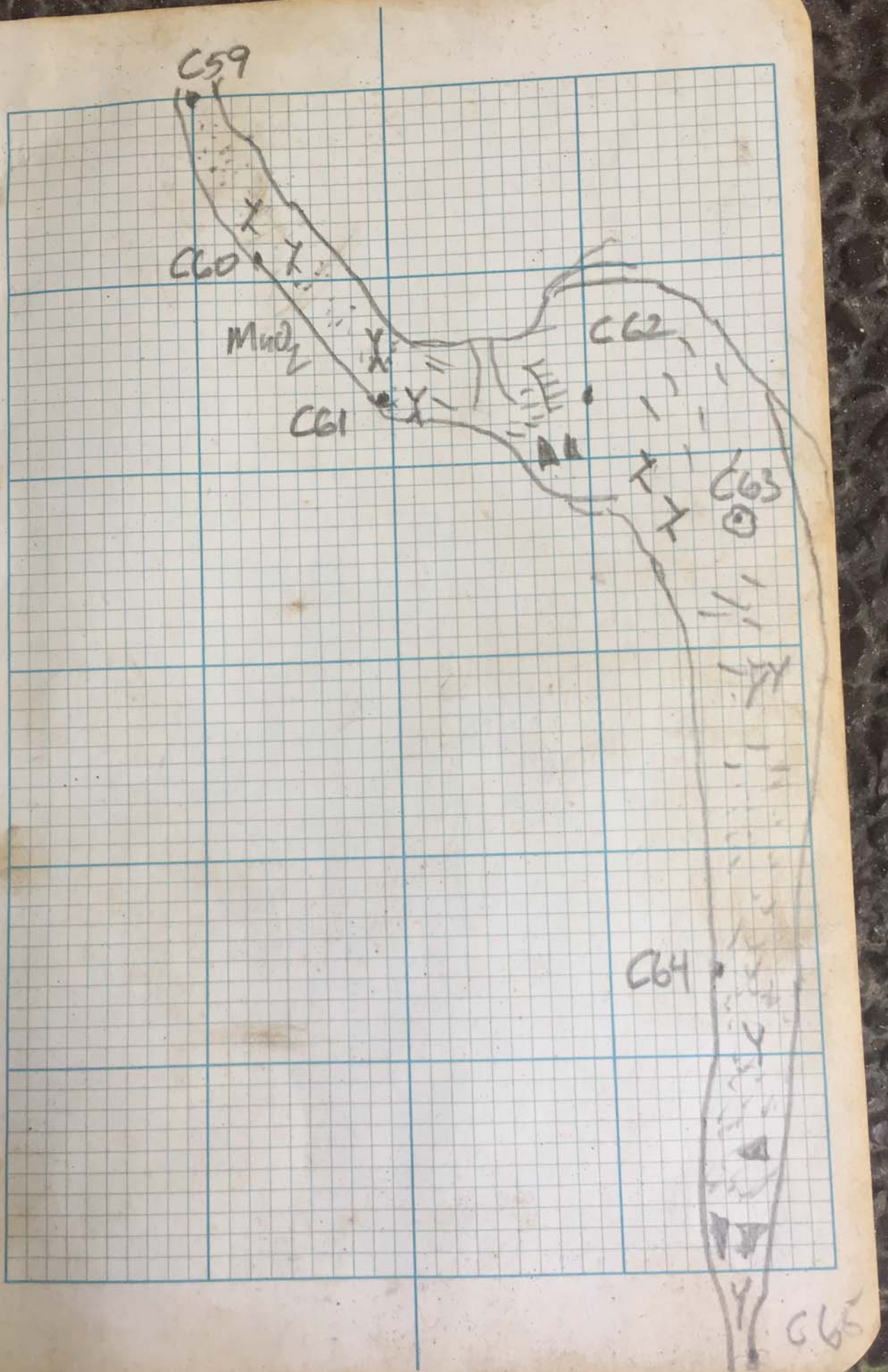
Kesteven Co.

INNER MOUNTAIN  
OUTFITTERS  
770-307-4866









Rite in the Rain

Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
C64	17/7	fs 178/9 bs	fs -7/0 bs	3/8	0	4/1	4/7	
C65	3/1	fs 171/5 bs	fs -17/4 bs	0	1/0	4/5	1/2	
C66	1/8	fs 243/5 bs	fs -18/2 bs	0	3/0	0/9	0/7	
C67	4/4	fs 197/8 bs	fs -10/9 bs	0/4	1/2	0/2	0/5	
C68	2/2	fs 239/3 bs	fs 17/1 bs	0/4	1/7	2/1	0/5	
C69	1/8	fs 140/7 bs	fs -12/0 bs	1/5	0	1/3	0/6	
C70		fs bs	fs bs	0	0/5	0/4	0/4	
C49	8/9	fs 181 bs	fs -4/1 bs	3/7	0	9/6	1/4	
S01	2/7	fs 167/7 bs	fs 6/9 bs	0	1/4	0/6	0/6	
S02		Total Survey this page		0/9	1/0	0/2	0/7	

INNER MOUNTAIN  
OUTFITTERS  
770-307-4686

Notes on the Run

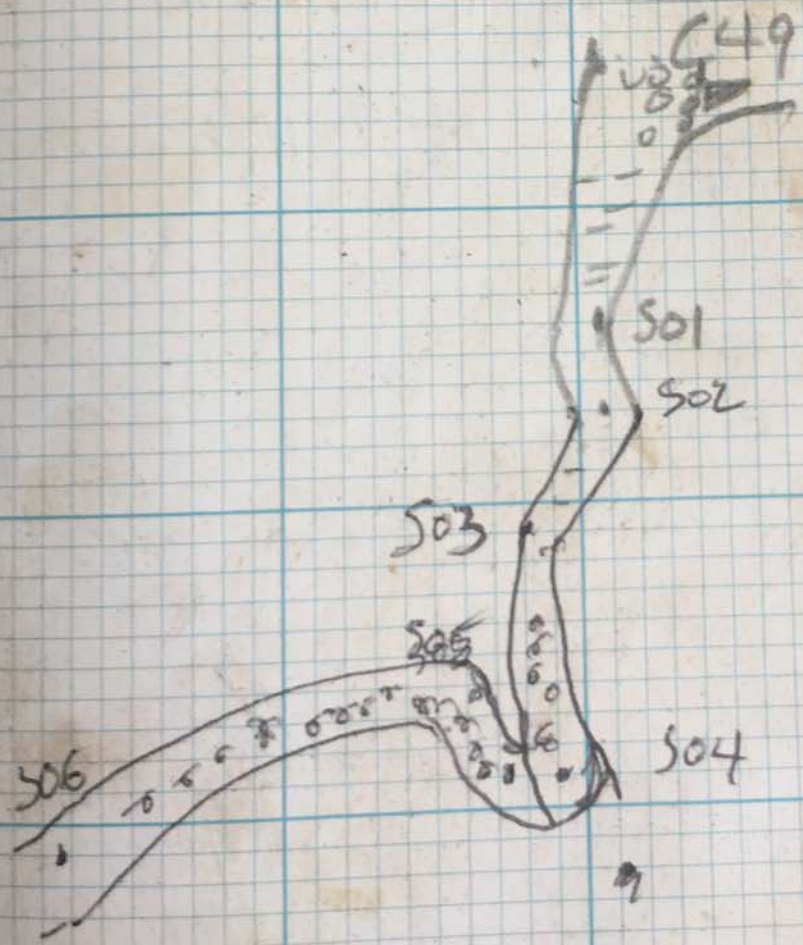
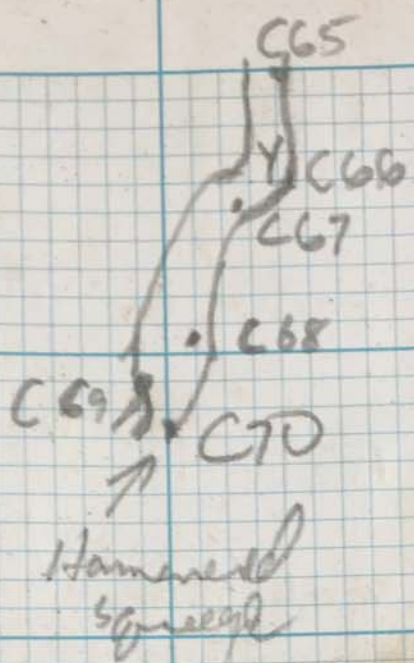
Cave \_\_\_\_\_

Page \_\_\_\_\_

of \_\_\_\_\_

Station	CAVE SURVEY			L	R	U	D	Notes	
	Distance	Azimuth	Vertical Angle						
S02	5/2	fs 211/0 bs	fs -3/7 bs	0/9	1/0	0/2	0/7		
S03	7/6	fs 173/0 bs	fs -1/5 bs	1/1	0	3/1	0/5		
S04	3/4	fs 324/2 bs	fs 1/2 bs	1/5	1/0	0/4	0/7		
S05	14/0	fs 251/1 bs	fs -1/8 bs	1/8	1/0	0/4	0/5		
S06	7/0	fs 258/8 bs	fs -1/0 bs	2/0	0/7	1/9	0/3		
S07		fs	fs						
		bs	bs						
		fs	fs						
		bs	bs						
		fs	fs						
		bs	bs						
		fs	fs						
		bs	bs						
		fs	fs						
		bs	bs						
		Total Survey this page							

INNER MOUNTAIN  
OUTFILTERS  
770-307-4086



506

