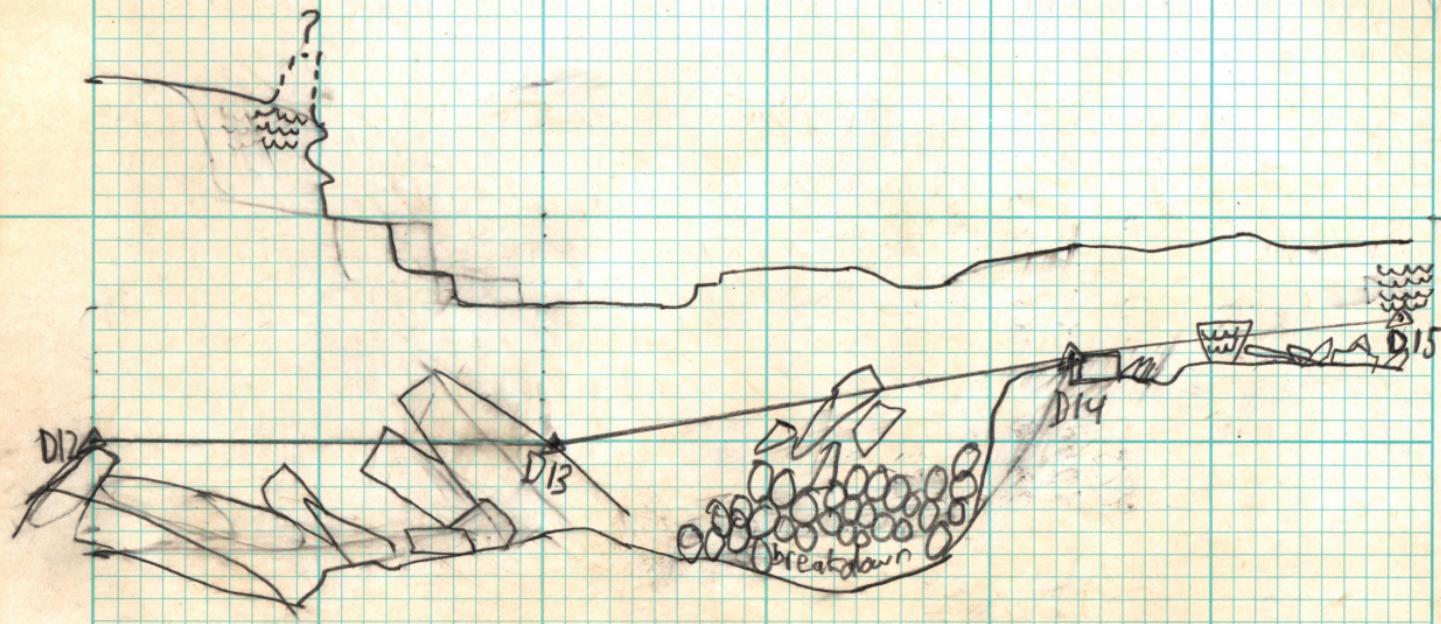


Survey Information					
Cave:	Area in Cave:				
Horsethief	D12-D38 Dine				
Date:	Location of Cave:				
31 Jul 2021	W Y				
Personnel		Surveys			
Sketch / Book:	Ian Chechet Plan Alex Fischer profile				
	Survey Stations: D12-D38				
Tie-in: D12					
Fore Sight:	Amanda Butura				
					
Point / Back Sight:	Will Boekel				
					
Other (Inventory, Photography, Rigging):	Mitch Brntger				
Trip Information		Notes			
Time In:	Time Out:				
8:30 am	6:30 pm				
Instruments					
Tape / Disto:	Dista X2				
Fore Sight Instruments:	Dista X2 4777				
Back Sight Instruments:	Dista X2 4275				
	Survey Distance		# Survey Shots		
New					
Resurvey					
Total					

Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
D12	41.50	fs 197.8	fs -0.6			32	10	
	41.34	bs 198.2	bs -0.8					
D13	47.56	fs 160.2	fs 9.7			12	0	
	47.52	bs 160.1	bs 9.4					
D14	30.41	fs 132.1	fs 6.6			10	0	
	30.27	bs 13	bs 6.5					
D15	28.71	fs 209.8	fs 4.8			7	5	
	28.23	bs 210.5	bs 4.2			4	0/2	
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
Total Survey this page								

20'

up

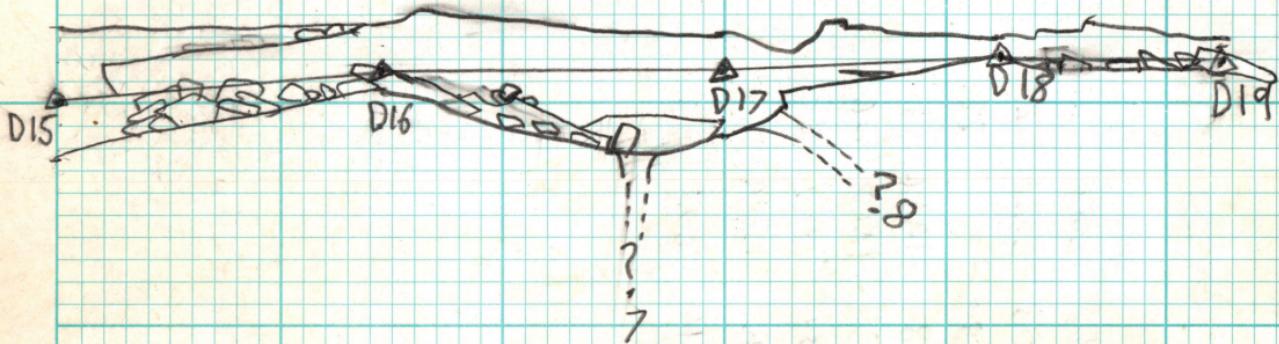


Cave Horse Thief

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Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
D15		fs	fs			7	5	
		bs	bs					
D16	30.91	fs 212.7	fs 0.4			4	0/2	
		bs 213.4	bs 0					
D17	30.78	fs 288.5	fs 2.5			3	6	
	29.80	bs 288.6	bs 2.3					
D18	24.68	fs 235.8	fs 0.6			2	0	
	19.77	bs 235.4	bs 0					
D19	19.69	fs 274.1	fs -12.1			2	1	
	19.88	bs 275.2	bs -12.4					
D20		fs	fs			0	8	
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
	Total Survey this page							

4 → SP



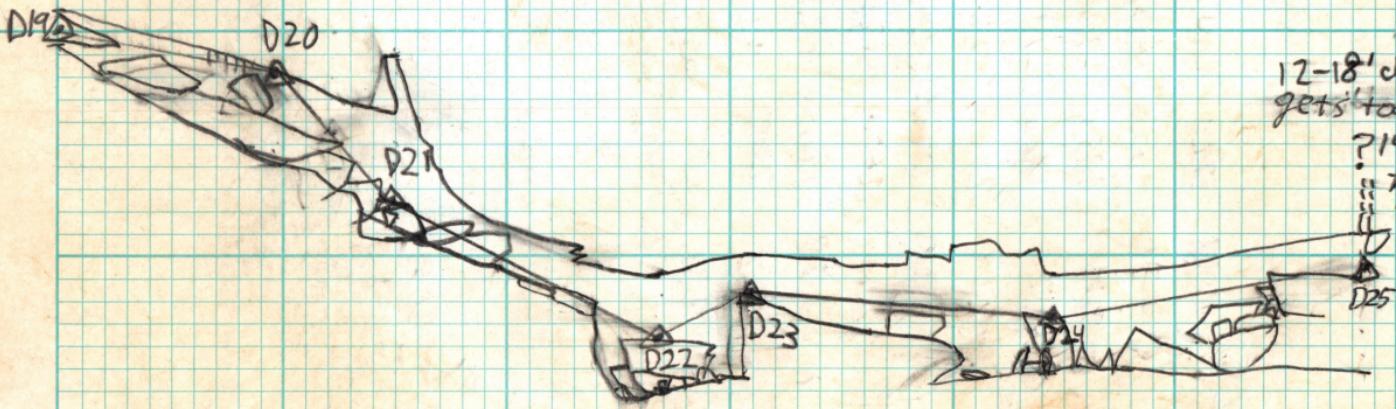
Cave Horsefield

Page 3

of

Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
D20	15.71	fs 310.3	fs -49.9			0	8	
	15.76	bs 310.6	bs -49.7			13	3	
D21	26.88	fs 231.1	fs -27.6					
	26.58	bs 232.0	bs -27.4			6	5	
D22	9.27	fs	fs 25.0					
	9.18	bs 193.6	bs 25.5			3	0/8	
D23	27.34	fs 181.5	fs -6.4					
	27.34	bs 182.2	bs -6.4			4	0/5	
D24	28.13	fs 158.9	fs 10.4					
	28.16	bs 160.1	bs 10.3			3	0/10	
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
		fs	fs					
		bs	bs					
Total Survey this page								

20'



12-18' chimney
gets too tight?
?14 goes
to top
of room

Cave _____ Page _____ of _____

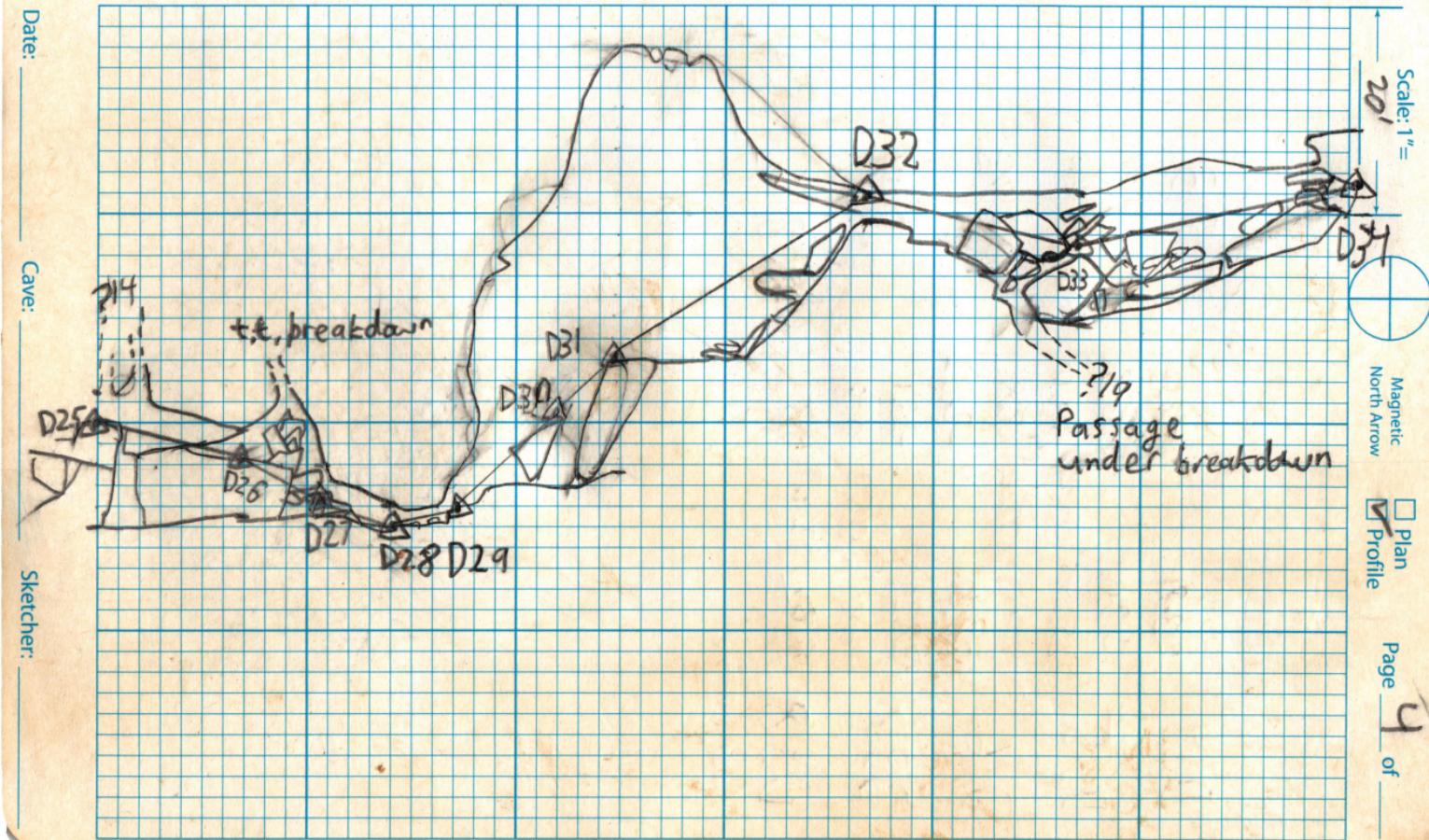
Station	CAVE SURVEY			L	R	U	D	Notes
	Distance	Azimuth	Vertical Angle					
D25	13.88	fs 182.1	fs -14.8			3	10%	
	14.01	bs 183.3	bs -15.3					
D26	8.14	fs 185.6	fs -29.6	9	1	2	0%	
	8.20	bs 186.9	bs -29.7					
D27	7.29	fs 242.6	fs -21.1			3	0½	
	7.29	bs 242.3	bs -20.1					
D28	6.10	fs 260.9	fs 12.2			2	0	
	6.08	bs 260.9	bs 13.1					
D29	13.32	fs 285.1	fs 42.6			3	0	
	13.31	bs 285.0	bs 43.5					
D30	7.22	fs 149.9	fs 43.9			22	7	
	7.18	bs 151.8	bs 43.5					
D31	28.59	fs 102.8	fs 32.2			30	11	
	28.57	bs 102.0	bs 32.7					
D32	20.99	fs 111.2	fs -14.1			0	3	
	20.93	bs 110.9	bs -14.0					
D33	27.38	fs	fs 12.5			5	7	
	27.45	bs	bs 12.7					
D34		fs	fs			5	3	
		bs	bs					
Total Survey this page								

Date: _____

Cave: _____

Sketcher: _____

DRAPE I
Drape I Series



Date:

Cave:

Sketcher:

Scale: 1" =
20'



Magnetic
North Arrow

Plan
 Profile

Page 5 of 5

DRope I

Date: _____

Cave: _____

Sketcher: _____

