

Trip 13 Profile

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Survey Information

Cave: Horsethief		Area in Cave: F line	
Date: 26 Sep 2021		Location of Cave: F line	
Personnel		Surveys	
Sketch / Book:  Plan: Dustin Profile: Alex Fischer Kierner	Survey Stations:	Tie-in:	
	F22-42	F22	
Fore Sight:  Donald Zabroski			
Point / Back Sight:  David Gianforti			
Other (Inventory, Photography, Rigging): Will Boekel			
Trip Information		Notes	
Time In: 8:45 am	Time Out: 4:00 pm		
Instruments			
Tape / Disto:			
Fore Sight Instruments: 4275 Disto			
Back Sight Instruments: 8015 Disto			
		Survey Distance	# Survey Shots
New		311	20
Resurvey			
Total			

On Road 1

Station △	Cave Survey of			L ←	R →	U ↑	D ↓	Notes
	Distance ↔	Azimuth N ↙	Inclination ↘					
F22	7.99	FS 75.2	FS 10.2	9	10	3.3	20	
F23	7.89	BS 73.4	BS 10.8	11	6	6	5	
	14.11	FS 24.1	FS 31.4					
F24	14.18	BS 23.8	BS 31.2	4	3	4	2	
	13.85	FS 101.3	FS -35.3					
F25	13.63	BS 99.5	BS -36.2	4	2	2	1	
	12.94	FS 15.7	FS 0.8					
F26	12.89	BS 14.9	BS 0.5	3	2	1	1	
	12.55	FS 60.2	FS 17.4					
F27	12.59	BS 58.8	BS 17.4	2	3	2	2	
	5.73	FS 117.9	FS 12.4					
F28	5.64	BS 116.9	BS 12.4	3	2	3	2	
	10.16	FS 91.0	FS -39.8					
F29	10.16	BS 91.7	BS -39.9	5	3	4	4	
	8.23	FS 94.9	FS -20.1					
F30	8.12	BS 94.1	BS -19.4	2	1	1	2	
	19.14	FS 78.5	FS 4.6					
F31	14.05	BS 77.5	BS 4.4	5	4	2	3	
	6.66	FS 73.9	FS -31.6					
F32	6.62	BS 73.8	BS -32.2	5	4	4	2	
Total survey on this page								

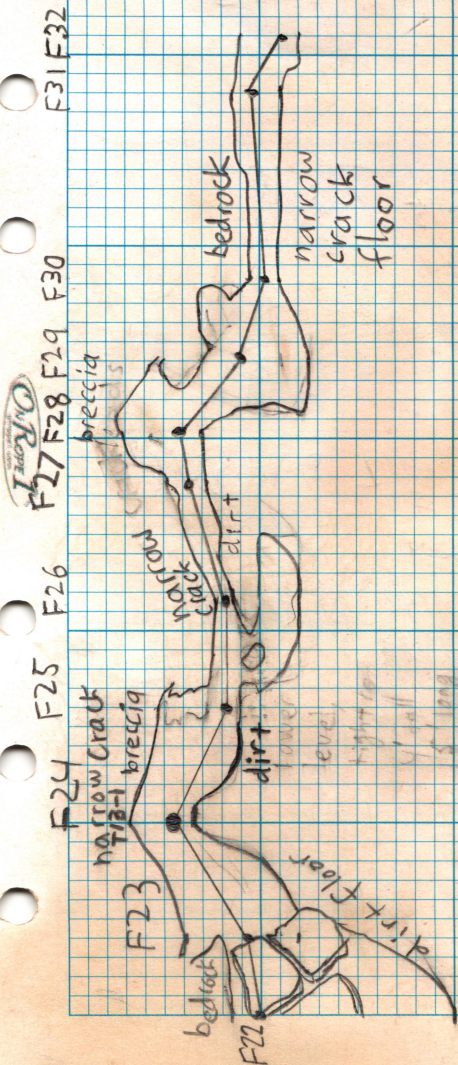
Scale: 1" =
20'



Magnetic
North Arrow

☐ Plan
☒ Profile

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Date:

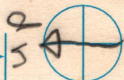
Cave:

Sketcher:

Station △	Cave Survey of			L ←	R →	U ↑	D ↓	Notes
	Distance ↔	Azimuth N ↙	Inclination ↘					
F32	4.99	FS 108.4	FS 11.3	5	4	4	2	
F33	4.97	BS 108.5	BS 11.7	6	2	15	2	
	12.09	FS 13.6	FS 43.5					
F34	12.54	BS 14.8	BS 43.5	7	3	16	7	
	33.7	FS 50.8	FS -14.5					
F35	33.71	BS 58.8	BS -14.6	5	3	28	5	
	46.65	FS 46.6	FS -1.0					
F36	46.51	BS 45.0	BS -1.1	4	2	20	5	
	30.56	FS 10.3	FS 38.5					
F37	30.56	BS 10.1	BS 38.6	2	8	11	5	
	27.55	FS 39.8	FS -12.5					
F38	24.54	BS 38.9	BS -12.4	9	1	4	6	
	11.94	FS 11.2	FS 49.3					
	10.94	BS 11.6	BS -4.08					
		FS	FS					
		BS	BS					
		FS	FS					
		BS	BS					
		FS	FS					
		BS	BS					
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O'Rourke

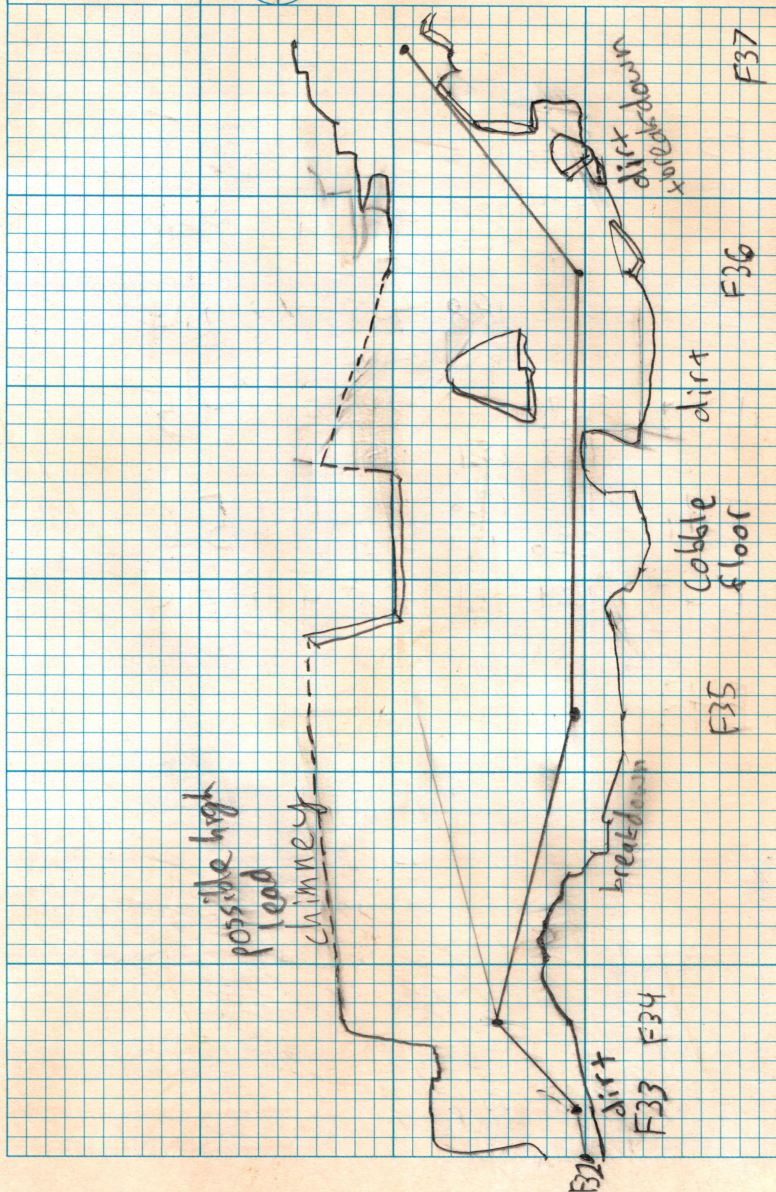
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Magnetic
North Arrow

☐ Plan
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Date:

Cave:

Sketcher:

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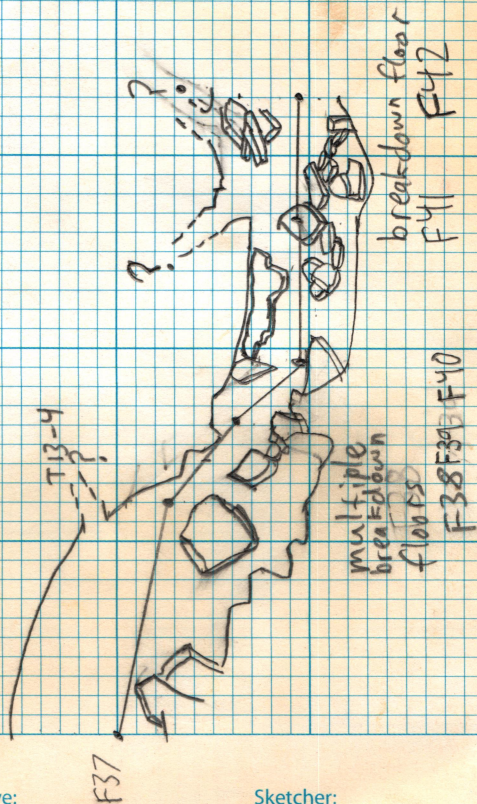
20'



Magnetic
North Arrow

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Date: _____

Cave: _____

F37

Sketcher: _____