

Synoptic - monthly sampling			Event: 2022 summer [month Sept]		General Notes/Observations: clay loam sand silt					TG 10-010281P.4 1P.6	
Measurement: Soil Fluxes [CH4] and [CO2]			Instrument: Nick								
Collection Date: 09/30/2022			Personnel: Roberto & Patricia								
Site	Zone	Collar ID	Date	Start Time	End Time	① CO2 (ppm/s)	② CH4 (ppb/s)	① CH4 (ppb/s)	② CH4 (ppb/s)	Notes	
Old Woman Creek	upland	S49									
Old Woman Creek	upland	S50		11:53	11:56	4.889	3.864	-0.882	-0.832	14.2°C	
Old Woman Creek	upland	S51		11:34	11:37	3.188	2.238	-0.602	-0.541	12.8°C, fungi present inside chamber	
Old Woman Creek	upland	S52		11:44	11:47	2.323	2.412	-0.428	-0.452	13.4°C	
Old Woman Creek	upland	S53									
Old Woman Creek	upland	S54									
Old Woman Creek	upland	S55		1:31	1:34	3.114	2.136	-0.457	-0.438	13.4°C	
Old Woman Creek	upland	S56		1:37		3.022	2.214	-0.994	-0.861	13.7°C	
Old Woman Creek	transition	S57									
Old Woman Creek	transition	S58		10:39	10:42	3.854	4.327	-0.987	-0.884	13.3°C	
Old Woman Creek	transition	S59									
Old Woman Creek	transition	S60		11:02	11:06	4.018	4.199	-0.639	-1.082	13.2°C	
Old Woman Creek	transition	S61		11:10	11:13	3.341	3.305	-0.560	-0.381	13.9°C, forgot sensor removed some veg inside chamber	
Old Woman Creek	transition	S62									
Old Woman Creek	transition	S63	1	10:45	10:50	4.346	3.183	-0.451	-0.232	13.4°C	
Old Woman Creek	transition	S64		10:55	10:58	1.948	1.745	0.001	-0.015	12.1°C, soil is moist	
Old Woman Creek	wetland	S65		12:24	12:28	1.400	1.356	7.937	26.915	15.0°C, standing water + sun exposure	
Old Woman Creek	wetland	S66		12:30	12:33	1.383	0.685	1.562	-11.005	13.3°C	
Old Woman Creek	wetland	S67									
Old Woman Creek	wetland	S68		12:38	12:42	1.189	1.671	0.522	-1.869	13.5°C	
Old Woman Creek	wetland	S69									
Old Woman Creek	wetland	S70									
Old Woman Creek	wetland	S71		12:56	12:59	14.468	2.937	-11.258	29.182	13.8°C	
Old Woman Creek	wetland	S72		1:05		3.929		-27.278		13.5°C	

Old Woman Creek	transition	S61b	11:15	11:18	3.091	2.868	-0.456	-0.431	13.9°C	redid measurement because I forgot sensor
	Wetland	S71b	1:01		1.527	1.631	8.604	147.110	13.7°C	did not trust first results
	Wetland	S72c	1:15	1:18	1.721	0.412	-0.214	-0.634	13.5°C	forgot soil probe, standing water