

Mile 6
 COUNTY: WALKER STATE: GEORGIA LATITUDE: 34°39'53"N LONGITUDE: 85°21'45"W Nt: 1_ ELEVATION: 990 Feet GENERAL NOTES: GSS #29 PETTYJOHN CAVE PROJECT (PCP) A general collection of information on Pettyjohn Cave

#	FROM	DIST	DEG	VERT	LT	RT	UP	DN	STATION NOTES
928	927	7.1	34	3	4	3	4	0	W131
929	928	16.5	284	13	3	2	8	0	W132 Survey Down Stream
930	928	9.4	3	-6	6	7	5	0	W133 From W131 Survey up stream
931	930	3.9	3	90	6	3	2.5	0	W134
932	931	9.6	289	2	3	4	3	0	W135
933	932	12.3	313	-12	6	8	7	0	W136
934	933	15	255	21	2	8	3.5	0	W137
935	934	29.3	339	-2	6	4	4	0	W138
936	935	17.4	305	2	4	7	5	0	W139
937	936	59.4	354	5	10	2	4	0	W140
938	937	25	298	4	12	3	3.5	0	W141
939	938	30.2	198	3	6	7	4	0	W142
940	939	28.9	215	4	4	4	4	0	W143
941	940	24	264	-5	4	7	5	0	W144
942	941	23.4	319	-7	3	1	4	0	W145 589.87 feet THC Surveyed total 21,450.15 feet
943	942	9.2	280	5	2	4	4	0	W146 9/26/1670 Survey Date
944	943	9.5	191	20	1	10	4	0	W147
945	944	10.5	240	-43	4	0	1	0	W148
946	945	34.9	243	3	2	7	3	0	W149
947	946	10.4	273	2	6	5	3	0	W150
948	947	19	188	3	8	7	4	0	W151
949	921	9.5	52	31	2	0	15	0	Y1 From W124 in the Outer Limits
950	949	7	38	23	2	0	9	0	Y2
951	950	11.5	16	29	.5	3	12	0	Y3
952	951	15.4	28	5	3	1	10	0	Y4
953	952	11.7	17	-8	1	3	12	0	Y5 Labeled Junction
954	953	16.6	25	-2	2	0	9	0	Y6
955	954	9.2	23	-4	2	0	7	0	Y7
956	955	5.5	318	-7	0	2	4	0	Y8
957	956	6.1	23	-4	2	0	2.5	0	Y9
958	953	22.7	146	-9	2	1	15	0	Y10 From Y5
959	958	14.7	105	-5	2	2	15	0	Y11
960	959	10.3	118	-24	2	2	15	0	Y12 Labeled
961	960	19.2	16	-5	0	5	4	0	Y13
962	961	8.2	90	1	3	1	6	0	Y14
963	962	14.1	116	-13	0	3	8	0	Y15
964	963	13.6	166	14	1	2.5	4	0	Y16
965	964	12.1	158	-3	1	2	6	0	Y17
966	965	9.2	171	0	2	0	3	0	Y18
967	966	15.6	81	-2	1	3.5	8	0	Y19
968	967	18.9	180	-4	3	2	4	0	Y20
969	968	16.1	182	0	0	2.5	9	0	Y21
970	969	12.3	222	15	2	1	7	0	Y22
971	970	5.3	149	2	2	2	6	0	Y23
972	971	6.8	88	1	0	3	8	0	Y24
973	972	14.1	152	3	0	2	7	0	Y25
974	973	3.7	224	17	0	2	6	0	Y26
975	974	8.8	225	2	1.5	2	1.5	0	Y27
976	975	12.4	140	0	3	0	1.5	0	Y28
977	976	9.6	102	0	1	3	1.5	0	Y29
978	977	5	130	20	6	4	4	0	Y30 Air
979	978	7	45	-15	1	2	5	0	Y31
980	979	16.8	100	-1	7	1	5	0	Y32
981	980	8.5	84	-10	3	4	5	0	Y33
982	981	19.8	143	20	6	4	4	0	Y34 Air coming down out of dome
983	952	7.1	259	43	0	3.5	3.5	0	Y35 From Y4
984	983	18.4	298	0	3	2	4	0	Y36 Sound of water from below
985	984	34.4	288	-4	3	3	7	0	Y37 Sound of water from below
986	985	31.5	301	1	3	3	4	0	Y38
987	986	24.9	283	-4	1	4	5	0	Y39
988	987	31.4	302	5	0	2	9	0	Y40 Pit between Y40 and Y41
989	988	27.4	302	0	2	0	9	0	Y41 Air
990	989	19.6	296	5	2	0	7	0	Y42
991	990	29.7	288	-2	0	2	6	0	Y43

992	991	15.6	299	-1	2	1	4	0	Y44 Junction 716.76 feet THC Surveyed Total 22,166.94 feet
993	876	3.5	333	1	0	4	8	0	W112A From W111 9/26/1670 Survey Date two teams surveyed on the same date
994	993	10.5	253	-44	4	3	4	0	X1 W112 did not match with previous survey so labeled W112A
995	994	15.7	253	-90	3	4	25	0	X2 15 foot Climb down to stream level
996	995	18.2	336	-9	5	8	25	0	X3
997	996	28.9	355	8	3	10	25	0	X4
998	997	25.2	77	-2	3	0	25	0	X5 Water Fall
999	995	3.9	123	1	2	4	25	0	X6 From X2 Surveying down stream
1000	999	20.6	192	-4	4	2	25	0	X7
1001	1000	18.7	106	5	4	2	25	0	X8
1002	1001	32.5	191	-2	6	1	25	0	X9
1003	1002	19.5	108	-8	2	5	25	0	X10
1004	1003	17	176	-8	4	4	25	0	X11
1005	1004	32.8	192	-1	2	4	25	0	X12
1006	1005	13.8	234	-6	5	2	25	0	X13
1007	1006	34.9	196	-5	1	10	5	0	X14
1008	1007	18.9	292	-3	0	4	3	0	X15
1009	1008	31	358	-1	10	0	25	0	X16 10 foot crawl to right
1010	1009	24.4	220	4	5	4	20	0	X17
1011	1010	30.5	178	0	2	6	20	0	X18
1012	1011	21.1	220	-2	4	2	5	0	X19
1013	1012	20.6	168	-1	10	4	4	0	X20 Lead up high
1014	1013	20.4	79	1	1	4	15	0	X21
1015	1014	20.6	182	-4	1	10	10	0	X22
1016	1015	33.3	230	-7	8	0	5	0	X23
1017	1016	13.8	107	3	5	5	6	0	X24
1018	1017	11.3	192	-12	5	10	4	0	X25
1019	1018	43.1	240	0	6	2	5	0	X26
1020	1019	13.8	200	-2	8	2	3	0	X27
1021	1020	9.7	131	-7	10	2	3	0	X28
1022	1021	15.4	76	3	1	4	15	0	X29
1023	1022	13.9	142	-2	3	4	3	0	X30
1024	1023	23.4	202	-5	2	3	3	0	X31 By Pass to right
1025	1024	18.2	203	-2	4	5	3	0	X32 By Pass reenters on right
1026	1025	29.8	131	-5	10	3	2	0	X33
1027	1026	15	8	0	4	3	2	0	X34
1028	1027	18.5	333	-8	2	6	3	0	X35
1029	1028	12.6	75	3	5	6	3	0	X36
1030	1029	33.5	153	1	3	3	8	0	X37
1031	1030	13.4	251	12	3	0	10	0	X38 Ha Ha, it Goes 780.53 feet THC Surveyed Total 22,947.47 feet
1032	421	24	332	-7	3	4	12	0	Z9 From G202 10/20/1970 Survey Date
1033	1032	23.7	332	10	3	0	12	0	Z8 This was a survey back out to G202 so the data is reversed from the notes
1034	1033	18.9	260	20	3	0	12	0	Z7
1035	1034	11.6	326	5	3	4	15	0	Z6
1036	1035	8.8	72	17	2	4	12	0	Z5
1037	1036	11.8	44	-24	5	0	4	0	Z4
1038	1037	10.4	296	-35	3	2	10	0	Z1 Lead to right goes to stream
1039	1038	20	232	17	1.5	3	7	0	Z2
1040	1039	22.2	312	-5	3	3	10	0	Z3
1041	601	37.4	322	15	12	6	9	0	Z10 From H60 one survey shot back from from the water fall
1042	1041	22.4	252	10	9	6	7	0	Z11
1043	1042	32.8	240	-3	0	6	3	0	Z12
1044	1043	16	310	60	6	0	3	0	Z13 Climb up into the Squirrel
1045	1044	7.4	258	20	4	1	4	0	Z14
1046	1045	12.9	238	30	30	9	16	0	Z15
1047	1046	18.7	198	11	10	30	14	0	Z16 Labeled Squirrel Room
1048	1047	43.6	70	16	7	7	4	0	Z17
1049	1048	19.5	76	10	4	5	4	0	Z18
1050	1047	31.9	342	15	1.5	2	3	0	Z19
1051	1050	4.4	294	-45	0	3	3	0	Z20
1052	1051	13	300	0	4	0	8	0	Z21 Labeled
1053	590	26.8	60	0	3	3	4	0	Z22 From H49 Stream Junction is somewhere just below survey

1054	1053	19.5	60	3	3	4	3	0	Z23
1055	1054	9	80	-25	1.5	4	2.5	0	Z24
1056	1055	10	120	1	4	2	3	0	Z25
1057	1056	32	142	1	5	2	2	0	Z26
1058	1057	29.3	168	4	7	5	4	0	Near P135
1059	82	10	34	0	8	3	10	0	Z27 From P77 Azim was given as 34-38 ?
1060	1059	23.6	44	2	2.5	0	15	0	Z28
1061	1060	3	60	0	0	2	15	0	Z29
1062	1061	3.2	92	2	2	0	15	0	Z30
1063	1062	5.5	46	6	2	0	15	0	Z31
1064	1063	11.5	50	18	2	3	15	0	Z32
1065	1064	5.5	150	-16	3	1	20	0	Z33
1066	1065	6.7	192	0	2	0	20	0	Z34
1067	1066	15.2	126	3	2.5	0	10	0	Z35
1068	1067	14.9	124	5	3	5	15	0	Z36
1069	1068	13.4	164	0	3	0	10	0	Z37
1070	1069	11.8	156	1	0	7	10	0	Z38
1071	1070	23	192	0	7	0	7	0	Z39
1072	1071	5.8	118	12	6	3	6	0	Z40
1073	1072	19.9	80	2	0	4	15	0	Z41
1074	1073	21.3	128	0	3	2	15	0	Z42
1075	1074	20.5	115	-5	4	0	12	0	Z43
1076	1075	25.1	44	3	0	3	10	0	Z44
1077	1076	31.3	134	-1	3	4	12	0	Z45
1078	1077	11.5	136	-3	4	2	4	0	Z46
1079	1078	28.9	22	2	0	7	12	0	Z47 824.96 feet THC Surveyed Total 23,772.43 feet
1080	1079	20.6	100	5	3	4	12	0	Z48 11/1/1970 Survey Date
1081	1080	13.3	122	0	3	0	15	0	Z49 Formations
1082	1081	27.9	88	9	5	3	12	0	Z50
1083	1082	27.7	62	0	1	7	7	0	Z51
1084	1083	16.7	155	5	2	7	8	0	Z52
1085	1084	21.7	186	5	3	7	9	0	Z53 12 foot Dome off to the right
1086	1085	10.9	186	25	2	6	4	0	Z54
1087	1086	13.3	210	10	5	4	7	0	Z55
1088	1087	16.6	154	-15	25	5	30	0	Z56 Labeled Junction JCV Room
1089	1088	37.1	27	10	0	3	12	0	Z57
1090	1088	30.3	282	20	4	2	30	0	Z58
1091	1090	40.3	270	45	0	4	12	0	Z59 259.85 feet THC Surveyed Total 24,032.28 feet
1092	1091	28.7	288	-35	12	2	40	0	Z60 Labelled 11/2/1970 Survey Date
1093	1092	25.7	204	24	0	2	4	0	Z61
1094	1093	13.3	266	-3	3	20	3	0	Z62 JVC 1964 on rock
1095	1094	20	337	-2	25	4	5	0	Z63
1096	1095	26.7	342	-15	4	4	4	0	Z64
1097	1096	29.7	15	-3	4	2	4	0	Z65 Porpoise Passage Lower stream passage back to the mud climb down
1098	1097	22.2	304	3	5	3	4	0	Z66
1099	1098	16.6	300	-5	2	4	5	0	Z67
1100	1099	19.8	313	0	5	2	5	0	Z68
1101	1100	15	261	10	3	3	6	0	Z69
1102	1101	27.3	276	-5	6	4	6	0	Z70
1103	1102	25.4	326	1	8	4	5	0	Z71 Hole 9 foot ahead stream drops into
1104	1103	33.7	314	8	4	5	4	0	Z72
1105	1096	30.5	235	16	15	0	20	0	Z73 From Z64
1106	1105	26.9	250	20	6	15	12	0	Z74 Up vertical twenty feet
1107	1094	6.1	196	-15	4	20	3	0	Z75 From Z62
1108	1107	3.3	196	-90	4	20	4	0	Z76 Duck under ledge for entrance to The Labyrinth from the JVC Room
1109	1108	12.5	230	-22	6	12	3	0	Z77
1110	1109	20.2	186	5	4	2	2	0	Z78
1111	1110	12.4	148	13	3	4	15	0	Z79 Dome fifteen feet high
1112	1110	12	218	0	2	7	1.5	0	Z80 From Z78
1113	1112	11.6	220	-3	7	6	2	0	Z81
1114	1113	18.5	164	-2	8	0	3	0	Z82
1115	1114	40.5	70	0	0	7	3	0	Z83
1116	1115	28	131	-28	5	4	12	0	Z84 Water entering on right and exiting on left
1117	1116	15.9	150	15	6	0	8	0	Z85
1118	1117	22.4	70	0	0	5	7	0	Z86
1119	1118	36.4	80	5	0	5	4	0	Z87
1120	1119	11.6	88	9	3	20	10	0	Z88 Labeled Junction
1121	1120	10.2	240	15	12	8	5	0	Z89 Junction
1122	1121	22	252	-5	3	6	7	0	Z90
1123	1122	29.7	233	4	6	7	3.5	0	Z91

1124	1121	38	112	8	7	6	5	0	Z92	From Z89
1125	1124	15.7	70	-3	1	6	2	0	Z93	
1126	1125	12.9	114	0	6	4	6	0	Z94	Chute to left, Three
									Titts	
1127	1120	14.1	72	25	5	5	2	0	Z95	From Z88 Lower bypass
										to left not surveyed
1128	1127	15.3	73	-5	5	4	2	0	Z96	
1129	1128	14.6	37	4	5	2	3	0	Z97	
1130	1129	15.3	106	0	3	10	3	0	Z98	Labeled Junction
1131	1130	17.3	346	0	2	0	4	0	Z99	Twenty feet ahead is a
										fifteen foot pit, three feet
										wide
1132	1130	23.1	127	5	8	6	5	0	Z100	Labeled Junction
1133	1132	24	190	5	5	5	4	0	Z101	
1134	1132	15.5	20	13	6	7	8	0	Z102	
1135	1134	15.9	58	0	8	7	25	0	Z103	Labeled Junction 872.72
										feet THC Surveyed Total
										24,905.00 feet
1136	1088	11	91	-7	2	3	3.5	0	Z104	From Z56 in the JVC
										Room 7/21/1971 Survey Date
1137	1136	16.2	141	-1	5	5	10	0	Z105	
1138	1137	21.8	48	11	4	1	12	0	Z106	
1139	1138	8.4	28	7	1	4	7	0	Z107	
1140	1139	21	79	-2	3	1	8	0	Z108	
1141	1140	14.6	63	8	2	3	8	0	Z109	
1142	1141	32	84	3	2	5	6	0	Z110	Stream Passage
1143	1142	16.9	122	7	2	3	6	0	Z111	
1144	1143	9.5	146	-3	5	0	4	0	Z112	
1145	1144	20.2	69	2	5	5	4	0	Z113	
1146	1145	29	140	1	6	0	5	0	Z114	
1147	1146	16.6	32	2	0	5	5	0	Z115	
1148	1147	27.4	103	6	4	5	5	0	Z116	
1149	1148	12	64	19	7	6	6	0	Z117	Dome on left
1150	1149	9.1	97	-3	0	3	5	0	Z118	Air Flow
1151	1150	22	117	6	12	4	30	0	Z119	
1152	1151	11.8	324	10	0	5	30	0	Z120	
1153	1152	13.4	70	-5	0	5	4	0	Z121	
1154	1153	16.4	44	11	7	1	15	0	Z122	
1155	1154	11.6	88	44	2	8	7	0	Z123	
1156	1155	13.2	170	11	6	2	6	0	Z124	
1157	1156	14.5	83	3	6	5	4	0	Z125	Fourty feet of crawl to
										right not surveyed
1158	1157	35	18	3	2.5	2.5	20	0	Z126	
1159	1088	8.6	174	0	2	2	5	0	Z127	From Z56 in the JVC
										Room
1160	1159	52.3	206	-3	4	3	12	0	Z128	Water entering
1161	1116	11.1	72	-1	3	3	12	0	Z129	From Z84
1162	1161	11.3	50	13	0	2	12	0	Z130	Surveying down stream
1163	1162	13.6	51	5	0	4	9	0	Z131	
1164	1163	14.2	64	-25	4	0	9	0	Z132	
1165	1164	10.4	30	-10	2	2	4	0	Z133	Water Fall
1166	1126	10.8	344	39	0	4	8	0	Z134	From Z94
1167	1166	6.8	17	26	3	0	3	0	Z135	
1168	1167	16.9	17	8	0	3	4	0	Z136	
1169	1168	8.1	30	3	2	0	4	0	Z137	Lead to right
1170	1169	11.6	6	-7	0	3	12	0	Z138	
1171	1170	31	34	11	3	3	7	0	Z139	
1172	1171	31.8	41	-30	5	15	15	0	Z140	
1173	1172	49	190	2	0	15	25	0	Z141	Connects to Z103
										675.03 feet THC Surveyed Total
										25,580.03 feet
1174	1132	12.6	158	4	3	9	4	0	Z142	From Z100 12/7/1973
										Survey Date
1175	1174	8.4	142	-11	3	2	1.5	0	Z143	
1176	1175	7.7	140	-17	5	2	4	0	Z144	
1177	1176	12.9	148	18	4	1	20	0	Z145	Dome
1178	1135	7.2	86	-7	4	5	3	0	Z146	From Z103
1179	1178	7.7	140	-18	5	6	2	0	Z147	
1180	1179	5.2	148	-10	2	7	3	0	Z148	
1181	1180	8.6	178	2	3	1	2	0	Z149	Up to dome on right
1182	1181	13.9	106	3	6	4	3	0	Z150	
1183	1182	20.2	76	-5	4	9	3	0	Z151	
1184	1183	22.2	74	-2	6	10	6	0	Z152	Labeled Junction
1185	1184	13.3	16	-11	3	3	6	0	Z153	
1186	1185	9.1	38	-21	0	4	7	0	Z154	
1187	1186	12	116	-1	0	4	4	0	Z155	
1188	1187	9.9	218	-6	4	0	4	0	Z156	
1189	1188	30.7	118	5	1	3	7	0	Z157	
1190	1189	15.5	126	6	6	0	12	0	Z158	Chute
1191	1190	7.4	68	17	2	2	4	0	Z159	
1192	1191	16.9	98	3	3	7	3	0	Z160	
1193	1192	10.7	122	0	6	0	5	0	Z161	Too low with air

1194	1190	11	10	90	4	4	15	0	Z162	From Z158
1195	1194	20.2	10	35	3	1	4	0	Z163	
1196	1195	39.5	11	0	0	2	12	0	Z164	
1197	1172	11.6	200	-13	10	1	15	0	Z165	
1198	1197	13	72	10	0	6	2.5	0	Z166	
1199	1198	29.5	116	4	5	1	1	0	Z167	
1200	1199	7	344	41	4	2	20	0	Z168	Labeled Junction
1201	1200	25.7	30	2	1	3	3	0	Z169	Drop down to stream level
1202	1200	19.4	110	15	1	4	12	0	Z170	Labeled Junction
1203	1202	45	112	4	5	0	15	0	Z171	
1204	1203	26.3	24	2	5	0	12	0	Z172	Ledge ten feet wide on left
1205	1204	23.6	18	0	5	0	11	0	Z173	Ledge ten feet wide on left
1206	1205	19	18	-31	5	0	20	0	Z174	Ledge ten feet wide on left
1207	1202	43	208	16	1	5	5	0	Z175	
1208	1207	19	220	0	5	1	4	0	Z176	Junction
1209	1208	33.6	180	0	1	6	7	0	Z177	Dome drips water
1210	1209	18.6	210	0	7	2	4	0	Z178	
1211	1210	12.7	108	-5	4	3	3	0	Z179	
1212	1211	10.8	66	0	4	3	5	0	Z180	
1213	1208	8.4	200	10	0	9	3	0	Z181	From Z176
1214	1213	20.6	333	-2	3	4	2	0	Z182	
1215	1214	27.8	24	-11	3	4	15	0	Z183	
1216	1215	28.4	34	-30	2	4	20	0	Z184	Connects to Z168
1217	1200	23.2	218	15	3	1	12	0	Z185	From Z168
1218	1217	14.9	234	24	4	0	4	0	Z186	
1219	1218	17.5	202	0	3	1	2	3	Z187	803.77 feet THC
1220	1219	14.3	184	0	0	3	2	0	Z188	Surveyed Total 26,383.80 feet
1221	1200	32.1	346	25	6	6	8	0	Z189	From Z168 2/22/1974 Survey Date 5 Mile Mark