

Mile 7  
 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
1500	1499	26.9	275	3.5	6	7	0	4	ZA112 Survey started on 8/13/1983 at Station Z79
1501	1500	26.2	192.5	1	6	1	3	5	ZA113
1502	1501	54.6	169	2	7	3	5	5	ZA114
1503	1502	44.9	159.5	-1	7	3	4	5	ZA115 Lead up on left
1504	1503	9.9	151	-13.5	7	7	7	3	ZA116
1505	1504	23.8	188.5	4.5	3	10	3	5	ZA117
1506	1505	27.3	158.5	11	25	8	6	2	ZA118 Labeled Climb up breakdown on left
1507	1506	8.8	249	10	5	5	2	1	ZA119
1508	1507	28.3	235	-11.5	3	3	3	5	ZA120
1509	1508	11	204.5	1	5	4	3	5	ZA121
1510	1509	31.5	166	-3.5	4	5	5	3	ZA122 Scooped passage and surveyed back to this station
1511	1510	15.3	147	-2.5	1	4	1	3	ZA172 Reverse survey data entered
1512	1511	6	132.5	20	2	2	1	1	ZA171
1513	1512	3.1	179	-28	2	4	1	2	ZA170
1514	1513	1.7	208	-6	4	2	2	1	ZA169
1515	1514	13.3	159.5	.5	2	5	2	3	ZA168
1516	1515	23.5	147	0	3	6	2	3	ZA167
1517	1516	11	131	-7	2	2	2	2	ZA166
1518	1517	6.8	96	26	6	4	3	1	ZA165
1519	1518	4.2	74	-11	4	3	3	2	ZA164
1520	1519	6.9	180	-32	3	3	0	2	ZA163 Breakdown along left side facing up stream from ZA163 to ZA156
1521	1520	14.5	182	1.5	3	3	1	2	ZA162
1522	1521	8.9	197	-1	2	2	1	2	ZA161
1523	1522	8.6	187	-5	1	3	1	1.5	ZA160
1524	1523	8.1	186	-3	2	4	1.5	1.5	ZA159
1525	1524	9.6	196.5	4	2	4	1.5	1.5	ZA158
1526	1525	11.1	192.5	9	2	2	1	2	ZA157
1527	1526	7.6	170	-8	4	4	2	2	ZA156
1528	1527	16	231	10.5	6	6	9	4	ZA155
1529	1528	19.7	207.5	-4.5	4	2	5	2	ZA154 Labeled
1530	1529	19.8	147	5	5	6	4	4	ZA153
1531	1530	43.5	169	-2	15	6	5	2	ZA152 Tributary stream entering on left facing up stream
1532	1531	28	214	5.5	4	3	4	2	ZA151
1533	1532	20.8	174	-2	6	2	3	4	ZA150
1534	1533	10.2	91	-2	7	8	4	4	ZA149
1535	1534	38.3	116	-5	6	20	4	4	ZA148
1536	1535	26.1	261	5.5	30	6	3	5	ZA147
1537	1536	63	234	0	15	3	5	1	ZA146
1538	1537	58	145	-1	5	15	4	5	ZA145
1539	1538	29.4	226	2	13	1	5	2	ZA144
1540	1539	31	177	0	12	6	2	6	ZA143
1541	1540	14.8	189.5	-1	20	2	3	5	ZA142
1542	1541	46.2	108.5	-4	20	20	7	2	ZA141 ? on right facing up stream
1543	1542	71	160	1	13	8	3	4	ZA140 ? lead on left facing up stream
1544	1543	53.9	169	3	15	10	3	7	ZA139
1545	1544	22.7	158	-7.5	25	4	2	3	ZA138
1546	1545	47.6	59.5	1	8	20	12	4	ZA137
1547	1546	50.9	147.5	-1	12	16	15	3	ZA136 Lead on right facing up stream with note May Go!
1548	1547	74	188.5	3	12	15	7	5	ZA135 ? marks all along the left side facing up stream
1549	1548	50.4	194.5	-1	20	15	5	5	ZA134 Lead on left side
1550	1549	69.9	196.5	0	5	8	1	4	ZA133
1551	1550	71	190.5	.5	12	3	0	4	ZA132
1552	1551	29	119	-1	10	15	5	3	ZA131
1553	1552	67.6	135.5	0	10	12	8	4	ZA130 Lead on left facng up stream
1554	1553	67	168.5	3	0	20	12	4.5	ZA129
1555	1554	66.5	195	-5	18	4	5	0	ZA128 Stream entering on left with note passage breakdown

1556	1555	59.4	185	-2.5	6	7	6	1.5	stream
1557	1556	30.2	170	5	0	10	3.5	5	ZA127
1558	1557	10.1	226	6	8	15	12	5	ZA126
1559	1558	38.9	198	-4	15	7	15	3	ZA125
1560	1559	67.7	174	3	17	3	15	5	ZA124
1561	1560	55.83	173	0	18	3	15	5	ZA123 Labeled 2,665.53 feet Surveyed Total 33,545.85 feet
1562	1561	26.08	182	0	12	8	6	6	ZA173 From ZA123 8/20/1983 Survey Date Data taken from a resurvey made in 2002. Survey book lost.
1563	1562	17.33	175	0	3	8	3	2	ZA174 Grim Stream Crawl on left facing up stream
1564	1563	20	149	0	3	8	0	2	ZA175
1565	1564	32.5	139	0	3	6	2	2	ZA176
1566	1565	27.75	140	0	2	3	2	0	ZA177
1567	1566	20.17	85	0	0	8	1	.75	ZA178
1568	1567	17.25	74	0	2	15	.5	1	ZA179
1569	1568	41	89	0	0	8	1	3	ZA180
1570	1531	25	99	0	32	8	5	0	ZA181 Air over water 4 to 6 inches
1571	1570	30	22	0	44	6	5	0	ZA182 From ZA152 Measurements taken from plot survey data lost.
1572	1571	19	160	0	0	4	5	0	ZA183
1573	1572	20	195	0	2	2	5	0	ZA184 Survey follows tributary stream
1574	1573	13	174	0	4	2	5	0	ZA185
1575	1574	19	96	0	4	3	5	0	ZA186
1576	1575	18	133	0	4	9	5	0	ZA187
1577	1576	40	102	0	6	12	5	0	ZA188
1578	15	33	230	-44.18	3	4	33	10	ZA198 Too low 441.91 feet Surveyed Total 33,987.76 feet 18 From P15 in the Autograph Room 3/21/1987 Survey Date
1579	1578	10	230	-89.99	2	2	43	0	19
1580	1579	17.5	182	-11.54	5	1	4	4	20
1581	1580	11.5	342	0	2	2	2	2	21
1582	1581	18	310	-11.21	0	5	1	4	22
1583	1582	19.5	18	0	3	4.5	1.5	2	23 Air and some digging has taken place 98.51 feet THC New Cave Surveyed Total 34,086.27
1584	1583	0	220	0	4	4	3	3	ES17 Duplicate survey not used
1585	163	9	160	-19.47	1	1	1	1	ES18 From J21 Tight to stream 8/22/1987 Survey Date
1586	1585	4	160	-89.99	2	2	2	2	ES19
1587	1586	11	150	0	3	0	2	2	ES20
1588	1587	18	70	0	4	0	2	2	ES21 Junction to Dome with bolt about half way up
1589	1588	33	25	0	3	0	6	2	ES23
1590	1589	32	19	0	3	0	6	2	ES24
1591	1590	13	10	0	4	0	2	2	ES25
1592	1591	20	70	0	0	4	2	2	ES26
1593	1592	13	140	0	2	2	2	2	ES27
1594	1593	12	170	0	4	0	2	2	ES28 Blocked at stream level
1595	1592	20	170	11.54	2	2	2	2	ES29 From ES26 up on left side
1596	1595	17	140	-6.76	6	0	5	3	ES30 Edge of small dome
1597	1596	12	110	-9.59	0	6	12	2	ES31
1598	1597	13	160	0	3	0	12	1	ES32
1599	1598	10	140	0	0	4	2	1	ES33 Edge of large dome
1600	1599	9	190	19.47	5	0	40	1	ES34 Center of 40 foot dome
1601	1600	10	110	11.54	0	3	37	3	ES35 Crowell Domes Discovered 8/22/1987
1602	1601	7	180	34.85	0	3	2	2	ES36
1603	1602	23	260	12.56	20	0	50	2	ES37 Center of 50 foot dome
1604	1603	19	210	-18.41	20	3	50	1	ES38
1605	1604	16	200	0	0	2	8	2	ES39 Rim Stone pool
1606	1605	4	200	89.99	0	2	6	4	ES40 4 foot climb up into passage
1607	1606	8	240	0	0	3	5	4	ES41
1608	1607	14	180	0	0	3	10	4	ES42 Small dome
1609	1608	22	250	0	0	6	20	4	ES43
1610	1609	12	160	19.47	4	0	18	6	ES44
1611	1610	10	120	17.46	1	4	4	1	ES45
1612	1611	16	220	0	3	0	2	2	ES46
1613	1612	21	180	0	5	5	6	0	ES47
1614	1613	8	180	89.99	3	1	2	4	ES48 Climb up 8 feet
1615	1614	18	180	12.84	0	3	4	2	ES49
1616	1615	15	110	7.66	3	0	2	2	ES50 Edge of dome Formations

1617	1616	24	110	0	0	8	20	1	on wall
1618	1616	23	80	0	0	4	20	1	ES51
1619	1618	18	140	0	0	4	20	1	ES52 Start of long high room
									ES53 511.56 feet THC New
									Cave Surveyed Total 34,597.83
									feet
1620	171	18.5	330	0	4	2	4	1	ESD11 From J29 9/26/1987
									Survey Date
1621	1620	9.5	360	0	4	5	6.5	4	ESD12
1622	1621	11	160	89.99	3	4	3	15	ESD13 Climb up 11 feet
1623	1622	9.5	360	0	1	1	3	6	ESD14
1624	1623	13.5	160	.98	20	5	6	20	ESD15 Climb up 13.5 feet
1625	1624	19	160	-28.27	1	8	1	0	ESD16
1626	1625	8	70	-14.48	1	4	3	0	ESD17
1627	1626	18	165	0	5	20	4	4	ESD18
1628	1627	11.5	250	-20.35	5	10	4	6	ESD19 118.50 feet THC New
									Cave Surveyed Total 34,716.33
									feet
1629	58	50	190	12	4	8	0	6	8 From P53 9/23/1989 Survey
									Date
1630	1629	25.4	245	-12	4	4	2	0	9
1631	1630	37.2	185	0	4	4	2	0	10 Pancake Squeeze Two
									foot high crawl
1632	1631	56.5	200	-5	10	10	.5	4	11 143.96 feet THC New
									Cave Survey Total 34,860.29
									feet
1633	1473	13.58	157	33	5	5	12	0	AA05J 11/10/1991 Survey Date
1634	1633	11.67	158	90	5	5	2	12	AA05I
1635	1634	7	191	17	5	5	5	2	AA05H
1636	1635	2	192	90	5	5	5	2	AA05G
1637	1636	26	118	43	5	5	10	2	AA05F High Anxiety
1638	1637	13.7	125	27	20	5	20	5	AA05C
1639	1638	41	118	-5	60	5	40	5	AA05A
1640	1639	40.83	79	13	5	5	5	5	AA05B
1641	1640	40	349	27	40	41	20	20	AA05
1642	1641	40	81	13	5	50	20	10	AA04
1643	1642	25	98	10	5	45	20	10	AA03
1644	1643	4	99	90	5	45	20	10	AA02
1645	1644	38	93	-4	5	40	15	5	AA01 Bat Bones
1646	1645	21.75	102	-6	8	2	2	10	AA00 Fissure lead
1647	1641	25.83	297	-24	20	5	10	10	AA05D
1648	1647	24.42	276	-3	2	2	2	1	AA05E Tight hole 336.70
									feet THC New Cave Surveyed
									Total 35,196.99 feet
1649	33	19.9	264	-16	4	5	3	0	36 Hole 2 X 1.5 in the
									side of a depression in the
									floor. From P33 12/19/1992
									Survey Date
1650	1649	10.3	360	-7	4	4	3	2	37 Great hole to pack the
									kids into.
1651	1650	11.7	22	24	2	2	.5	5	38 At the end you can
									almost stand.
1652	34	15.4	262	3	17	27	4	2	23 From P34 Shot to Doug's
									Pit
1653	1652	8.6	258	-22	5	10	5	1	24 Doug's Pit
1654	1653	11.7	280	-49	5	5	3	1	25
1655	1654	8.5	250	-32	5	3	1	0	26
1656	1655	3	210	-45	.5	0	4	0	27 Lead 80.40 feet of new
									Survey THC Total 35,277.39 feet
1657	203	25.6	11	-87	6	0	1	3	16 From J66 Easy route to
									Valcano Room 1/16/1993 Survey
									Date
1658	1657	6.2	288	-19.2	0	5	.5	1	17 Lay on your back and
									slide sideways.
1659	1658	21.6	20	29.8	1	3	0	3	18
1660	1659	5.2	23	-18.8	1	6	1	1	19
1661	1660	6	29	-32	1.5	0	2	1.5	20
1662	1661	13.5	359	-.1	3	2	3	2	21 Close to G13
1663	229	22	194	-40.3	0	4	4	5	22B From G14 Going Down
1664	1663	26.8	188	-16.4	4	2	2	2	22C
1665	1663	19.3	314	-33.4	10	20	3	.5	22D
1666	1665	30	285	-17.8	8	15	.5	.5	22E Bottom
1667	235	13.9	92	0	3	3	2	3	27A From G20 to back of Mid
									Room
1668	242	12	280	-27.5	11.1	0	4	3	34 From G27 to lower part
									of small formation room
1669	248	17.8	55	-6.2	20	1	4	10	33D From G33
1670	1669	6.2	39	-21.1	30	6	1	5	33E
1671	1670	16.6	45	3.5	4	3	3	2	33F
1672	1671	15	29	-10.8	0	2	.5	4	33G
1673	1672	14	27	-12.7	3	5	.5	1	33H
1674	1670	20.2	277	-7.9	30	6	1	5	33E1 From 33E

1675	1674	8.2	222	-29.4	10	0	3	7	33E2
1676	248	27.1	76	4.3	1.5	1.5	2	0	33C1 From G33
1677	1676	22	33	1.4	0	6	8	3	33C2 End
1678	252	14.4	43	-22.4	0	4	5	3	40 From G37 to start of crawl to avoid climb, Crawl exits below window in Volcano Room. 316.49 feet THC new Surveyed Total 35,593.88 feet.
1679	769	40	198	90	10	10	3	40	EE01 8/21/1993 Survey Date Above the Double Echo Domes.
1680	1679	14.19	239.1	33.7	3	3	4	3	EE02
1681	1680	16.91	294.3	.5	3	3	20	2	EE03
1682	1681	14.19	290.6	28.5	2	5	4	1	EE04
1683	1681	11.25	197.8	52.6	4	0	8	4	EE05
1684	1681	12.85	115.2	39.6	5	8	5	2	EE06
1685	1684	13.14	47.4	7.3	0	20	3	3	EE07
1686	1685	37.21	87.1	-.8	20	20	3	1	EE08 Mike's Fissure
1687	1686	39.98	54.5	.8	2	5	2	1	EE09 Sharron Getty
1688	1687	19.98	74	4.4	30	5	1.5	6	EE10 Sharron Getty
1689	1687	30.62	161.4	2.9	40	0	.5	3	EE11
1690	1689	42.91	82.4	2.5	1	4	1	10	EE12
1691	1689	16.51	121.1	1.1	5	2	2	0	EE13 Over dome
1692	1691	9.67	189	-51.8	8	5	6	2	EE14
1693	1692	15.82	150.7	6.4	5	12	2	5	EE15
1694	1693	23.35	189.1	8.2	5	12	2	5	EE16
1695	1694	40.05	221.3	4.1	10	17	4	3	EE17
1696	1695	22.99	199.5	-11.6	7	1	3	3	EE18
1697	1696	16.71	133.5	.2	0	4	4	2	EE19
1698	1697	11.84	178.6	-.3	0	5	3	2	EE20
1699	1698	19.45	227.7	3.9	7	0	1.5	2	EE21
1700	1699	1	227.1	-90	7	0	2.5	1	EE22
1701	1700	10.25	194.6	9	2	6	3	4	EE23
1702	1701	6.86	197.7	46.3	0	4	2	3	EE24
1703	1702	12.97	80.9	-2.2	0	4	4	3	EE25
1704	1703	6.4	130	13.4	6	6	2.5	3	EE26
1705	1704	9.59	93.1	9.9	2	2	7	0	EE27
1706	1705	7.93	142.6	-15.9	8	3	7	0	EE28
1707	1706	11.51	137.6	3.8	5	2	3	2.5	EE29
1708	1707	10.35	77.3	14.2	20	4	6	4	EE30
1709	1708	5.28	110	22.4	25	8	0	4	EE31
1710	1709	13.89	175.5	49.3	40	30	0	5	EE32 Chephrin's Chamber
1711	1710	31.8	147.5	-6.5	40	30	5	0	EE33 Wes's Dome 45 feet high is above this room, climb up to dome is at the back of the room
1712	1711	34.26	305.4	.7	3	3	1	2	EE33
1713	1711	54.95	62.7	2	4	20	2	4	EE34
1714	1372	0	149.5	0	0	0	0	0	EE35 End 620.60 feet THC New Survey Total 36,214.48 feet From DR2 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1715	1714	0	149.5	0	0	0	0	0	Tie in survey for March 1999 floating survey distance not counted in mile seven.
1716	1715	0	149.5	0	0	0	0	0	Tie in survey for March 1999 floating survey distance not counted in mile seven.
1717	1716	2.9	149.5	7	0	0	0	0	A34 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1718	1717	10.3	238	46.5	0	0	0	0	A35 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1719	1718	9.2	31	-6.5	0	0	0	0	A36 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1720	1719	5	2	3	0	0	0	0	A37 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1721	1720	3.6	77	37	0	0	0	0	A38 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1722	1721	18.8	239	67	0	0	0	0	A39 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1723	1722	10.8	232	29	0	0	0	0	A40 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1724	1723	9	115	14	0	0	0	0	A41 Tie in survey for March 1999 floating survey distance not counted in mile seven.

1725	1724	10.85	155	-8	0	0	0	0	A42 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1726	1725	8.9	139	-54	0	0	0	0	A43 Tie in survey for March 1999 floating survey distance not counted in mile seven.
1727	1726	7.05	211	-22	0	0	0	0	A1 Tie in survey for March 1999 floating survey distance of 75.02 feet THC not counted in mile seven.
1728	1727	19.4	150	-24	5	8	3	6	A2 3/29/1999 Survey Date
1729	1728	18.1	88	29	4	2	9	10	A3 Breakdown maze above the Emerald Pool Passage
1730	1729	22.1	224	-33.5	12	18	1	4	A4
1731	1730	11.2	160	-38	5	12	6	5	A5
1732	1731	15.1	219	21.5	2	3	0	2	A6
1733	1732	14	240	-6	0	19	4	11	A7
1734	1733	20	277	33	0	13	6	3	A8
1735	1734	2.1	255	-1	15	10	3	8	A9
1736	1735	11.6	244	-33	15	10	3	8	A10
1737	1736	18.5	192	56	4	6	10	7	A11
1738	1737	11.9	271	31.5	9	0	5	10	A12 Large breakdown room. 137.88 THC New Surveyed. Total 36,352.36
1739	1569	18.5	104	0	1.5	15	.75	.5	C15 C15 From ZA181 9/7/2002 Survey Date
1740	1739	15.67	106	0	1	18	.75	1	C14 In Water
1741	1740	29.83	122	0	1	18	1	.5	C13
1742	1741	9.92	148	0	2	20	0	.75	C12
1743	1742	21.5	167	0	6	12	1	0	C11
1744	1743	51.67	91	0	12	8	.5	1	C10
1745	1744	77	139	0	1	15	2	1	C09
1746	1745	24.33	131	0	20	8	6	0	C08
1747	1746	33	142	0	10	6	4	1	C07
1748	1747	21.08	209	0	2	12	2	0	C06
1749	1748	33.33	201	0	12	3	1	1	C05
1750	1749	23	239	0	2	7	0	1.5	C04
1751	1750	39.17	211	0	0	12	.5	1	C03
1752	1751	23	250.5	0	4	12	0	1	C02
1753	1752	43.5	171	0	10	25	1	0	C01 The end is 3 X 2 and 1.25 feet high with one foot of water. 464.50 feet THC New Survey Total 36,816.86 feet
1754	631	0	73	0	3	12	2	3	SC1 Same as H90 in the Anamatois Room 7/19/2003 Survey Date
1755	1754	8.1	73	-23	1	1	5	7	SC2 Fractured Dome Passage
1756	1755	6	79	-35	2	0	7	2	SC3 Start of steam crawl
1757	1756	9.25	42	-24	4	6	0	2	SC4 End of stream crawl Climb down 6'
1758	1757	24.4	42	0	6	0	2	7	SC5 Climb down 5'
1759	1758	14.25	51	-42	2.5	0	10	3	SC6 Climb down 4' then 12' drop with undercut sharp ledge.
1760	1759	20.1	342	-41	10	0	20	.5	SC7 On ledge
1761	1760	26.4	270	30	0	8	10	5	SC8
1762	1761	13.7	21	-22	6	2	10	1.5	SC9
1763	1762	17.8	34	-1	1.5	2.5	10	4	SC10
1764	1763	6.9	345	-4	3	7	10	10	SC11 Edge of Fractured Dome 35' high
1765	1764	16	309	-3	4	0	9	0	SC12 7 Mile Mark Station SC12 is 4.06' behind the mark. 147.20 feet THC New Survey Total 36,964.06 feet