

INDEX  
Volume 24, Nos. 1 to 3, 1982  
ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
ARGENTINA					BRITISH ISLES (cont.)				
530± 90	Sunchituyo	Gif-2621	3	340	4480±100	Molluscan zonation	BM-1737	3	268
460± 90	"	-2620	"	"	4410± 60	Neolithic	-1583	"	234
340± 90	"	-2619	"	"	4390± 60	"	-1617	"	"
AUSTRIA					4340± 45	Freshwater shell	-1799	"	269
4910± 110	Neolithic	VRI -723	2	226	4200±220	Neolithic	-1525	"	237
4720± 100	"	-730	"	"	4140± 50	Freshwater shell	-1800	"	269
4680± 100	"	-731	"	"	4028± 54	Misassoc	-1585	2	154
4660± 100	"	-733	"	227	4020± 90	Faunal survival	-1827	"	264
4640± 110	"	-732	"	"	4000± 60	Neolithic	-1895	3	272
4420± 100	"	-687	"	226	4000± 50	"	-1859	"	271
3180± 90	Bronze Age	-735	"	227	3940± 65	"	-1482	"	235
2640± 90	"	-720	"	"	3884± 46	Beaker	-1413	"	230
1800± 90	"	-716	"	225	3871± 62	Neolithic	-1580	2	153
1690± 80	"	-705	"	"	3850± 60	"	-1443	3	236
1070± 70	"	-719	"	227	3850± 50	Neolithic	-1891	"	272
910± 80	"	-683	"	226	3820± 50	"	-1897	"	"
800± 80	"	-745	"	227	3810± 70	Beaker	-1532	"	232
500± 80	"	-681	"	226	3794± 70	"	-1168	2	152
410± 120	Middle Ages	-682	"	228	3770± 50	Neolithic/E Bronze Age	-1652	3	267
350± 80	"	-684	"	226	3760± 60	Beaker	-1585	"	237
<260	"	-717	"	225	3756±104	Misassoc	-1596	2	154
220± 70	"	-738	"	227	3740±210	Beaker	-1546	3	233
BRITISH ISLES					3740± 50	Neolithic/E Bronze Age	-1650	"	267
38,850±2500		BM-1805	3	264	3715± 70	Beaker	-1582	"	234
36,000±1900	Late Devensian	-1526	"	237	3700± 90	"	-1537	"	233
29,500± 460	"	-1874	"	266	3677± 68	"	-1169	2	152
27,600±1300	Upper Palaeolithic	-1367	2	155	3656± 58	Bronze Age	-1412	3	230
27,400±1250	"	-1638	3	266	3654±118	Misassoc	-1395	2	154
15,170± 160	Faunal survival	-1794	"	263	3610± 80	Neolithic/E Bronze Age	-1653	3	267
12,170± 85	Misassoc	-1444	"	236	3578± 48	Beaker	-1445	"	236
11,930± 80	Tufa	-1388	3	265	3410± 80	Molluscan zonation	-1795	"	269
11,560± 110	Faunal survival	-1735	"	263	3400±100	Beaker	-1524	"	237
11,380± 280	"	-1904	"	264	3374± 83	Bronze Age	-1406	2	156
10,920± 250	"	-1840	"	264	3340± 45	"	-1469	3	236
10,650± 900	Mesolithic	-1460	"	265	3245± 37	"	-731	2	151
- 810	"	-1402	"	265	3190±210	"	-1858	3	271
9910± 80	"	-1619	"	262	3190±170	Molluscan zonation	-1738	"	268
9770± 80	Faunal survival	-1674	"	263	2859± 49	Misassoc	-1586	2	154
9760± 70	"	-1636	"	266	2800± 45	Bronze Age	-1854	3	271
9560± 260	Mesolithic	-1635	"	266	2798± 45	"	-1853	"	"
9380± 80	"	-1358	"	264	2740± 40	"	-1852	"	"
9280± 90	"	-1637	"	266	2430± 50	"	-1851	"	"
9170± 140	"	-1459	"	265	2680±130	"	-1850	"	"
9100± 70	"	-1841	"	264	2620± 40	"	-1711A	"	268
8620± 80	"	-1241	2	154	2560± 45	"	-1711B	"	"
8390± 70	"	-1634	3	265	2514± 81	Iron Age	-1379	2	153
8160± 560	"	-1837	"	269	2280± 60	Misassoc	-1181	"	152
7940± 180	Molluscan zonation	-1736	"	268	2160± 45	Late Iron Age/ Romano-British	-1487	3	230
7880± 160	"	-1216	2	153	2135±152	Romano-British	-1374	2	155
6752± 156	Mesolithic	-1708	3	267	2080± 45	"	-1550	3	232
6370± 70	Faunal survival	-1257	2	155	2060± 50	"	-1244A	"	229
5750± 140	Mesolithic	-1892	3	272	2050± 50	"	-1485	"	230
5590± 50	"	-1893	"	"	2050± 50	"	-1709	"	268
5510± 60	"	-1242	2	154	1970± 50	"	-1490	"	230
5490± 70	"	-1258	"	155	1960± 50	"	-1491	"	"
5425± 150	"	-1894	3	272	1920± 35	"	-1768	"	232
5280± 140	Neolithic	-1809	"	270	1900± 45	"	-1486	"	230
5240± 80	Cave taphonomy	-1676	"	263	1870± 80	"	-1244B	"	"
5230± 60	Faunal survival	-1810	"	270	1850± 70	"	-1523	"	231
5210± 130	Cave taphonomy	-1903	"	"	1820± 50	"	-1489	"	230
5100± 360	"	-1896	"	272	1740± 35	Roman	-1687	"	267
5090± 50	Neolithic	-1255	"	235	1730± 60	Cave taphonomy	-1808	"	270
5050± 85	"	-1535	"	233	1635± 55	"	-1332	"	235
4990± 80	"	-1534	"	"	1170± 47	Medieval	-1387	2	156
4950± 120	"	-1170	2	152	1040± 40	Saxon	-1506	3	231
4933± 64	"	-1484	3	235	980± 80	Medieval	-1618	"	262
4930± 75	"	-1414	"	231	860± 60	"	-1442	"	231
4925± 80	"	-1798	"	269	780± 60	Medieval	-1673	"	263
4860± 40	Freshwater shell	-1167	2	152	230± 35	Late Medieval	-1825	"	270
4803± 71	Neolithic	-1213	"	153	150± 60	"	-1675	"	263
4741± 113	"	-1415	3	231	150± 40	"	-1824	"	270
4740± 60	"	-1378	2	153	130± 50	"	-1481	"	235
4726± 74	"	-1405	"	156	115± 35	Modern	-1672	"	262
4672± 49	"	-1533	3	232	110± 70	"	-1538	"	233
4650± 80	"	-1707	"	267	Modern	"	-1333	"	235
4630± 50	Faunal survival	-1377	2	153	Modern	"	-1483	"	"
4620± 43	Neolithic	-1215	"	"	CAMEROON				
4585± 82	"	-1214	"	"	1720±90	Late Neolithic	Gif-2232	3	336
4533± 112	"	"	"	"					

ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
<u>CANADA</u>					<u>CRETE</u>				
21,600±240		SFU- 65	3	349	6482±161	Neolithic	BM-1372	2	159
21,400±240		SFU- 65	"	"	6201±252	"	-1371	"	"
5990±960	Norse	WAT-506	1	81	5967± 41	"	- 719	"	"
5340±100		SFU- 25	"	349	5892± 91	"	- 718	"	158
3830±110		- 1	"	346	5806±124	"	- 717	"	"
3560±180		- 92	"	347	5003±213	"	- 716	"	"
3500±100		- 39	"	346	4110± 50	Helladic	-1826	3	274
3430±110		WAT-306	"	81	4030± 50	"	-1813	"	"
3280±100		SFU- 17	"	346	3800± 50	"	-1814	"	"
3130±130		- 2	"	"	3800± 40	"	-1816	"	"
2960±120		- 90	"	347	1040± 50	"	-1815	"	"
2930± 80		- 43	"	"	<u>CUBA</u>				
2890± 80		- 7	"	"	5140±170	Seboruco-Mordan	Gd-204	2	175
2860±120		- 91	"	"	3460±160	"	-250	"	"
2810± 70		WAT-561	"	82	2925± 75	Funche	-591	"	173
2720± 80		SFU- 10	"	346	2875± 65	"	-613	"	"
2720± 80		- 26	"	"	2840± 60	"	-1046	"	"
2190±200	Norse	WAT-409	"	81	2805± 60	"	-601	"	"
1840±290	"	-410	"	"	2720± 65	"	-614	"	"
1760±130		SFU- 37	"	348	2160± 55	"	-1039	"	"
1630± 70	Norse	WAT-420	"	81	1990± 80	"	-1051	"	"
1480± 80		SFU- 42	"	347	1495± 60	"	-617	"	"
1450± 80		- 35	"	348	1350± 70	"	-616	"	"
1270±160		- 41	"	346	1170± 85	"	-619	"	174
1135± 40	Arctic taphonomy	BM-1754	"	273	1010±110	Canimar-Aguas Verdes	-203	"	175
1050±110		SFU- 3	"	346	910± 85	Funche	-618	"	173
1030±180		- 38	"	348	705± 65	Sub-Taino	-621	"	174
870± 30	Arctic taphonomy	BM-1803	"	273	665± 50	"	-1053	"	"
860± 80		SFU- 14	"	348	600± 55	"	-1056	"	"
800± 30	Arctic taphonomy	BM-1804	"	273	575± 60	"	-1055	"	"
730±110		SFU- 5	"	346	505± 40	"	-624	"	"
730± 50		WAT-188	"	84	490± 45	"	-1057	"	"
640± 80		SFU- 39	"	346	485± 50	"	-1054	"	"
530± 80		- 34	"	348	165± 60	"	-620	"	"
450± 80		- 32	"	"	<u>CYPRUS</u>				
400± 80		- 30	"	349	10,790± 80	Misassoc	BM-1835	3	274
360± 80		- 15	"	348	5000±260	Chalcolithic	-1543	"	238
360± 25	Arctic taphonomy	BM-1753	"	273	4810± 45	"	-1832	"	274
320± 80		SFU- 28	"	349	4815± 60	"	-1475	"	239
310±120		- 4	"	346	4800± 70	"	-1834	"	274
280± 80		- 16	"	348	4790± 80	"	-1539	"	239
230±110		- 9	"	347	4780±140	"	-1833	"	274
220± 80		- 6	"	"	4765± 55	"	-1473	"	239
200± 80		- 33	"	348	4740± 50	"	-1540	"	"
199±130		- 36	"	"	4665± 50	"	-1474	"	"
190± 80		- 40	"	346	4650± 50	"	-1476	"	"
155± 40	Arctic taphonomy	BM-1766	"	273	4480±290	"	-1836	"	275
140± 80		SFU- 8	"	347	4090± 90	"	-1542	"	238
115± 40	Arctic taphonomy	BM-1751	"	273	4050± 50	"	-1541A	"	"
85± 40		-1767	"	"	4000± 45	"	-1541	"	"
160%Mod.	Norse	WAT-496	"	81	3970± 45	"	-1354	"	"
160%Mod.	"	-411	"	"	3890± 50	"	-1353	"	"
190%Mod.	"	-341	"	82	2630± 45	Classical period	-1639	"	239
240%Mod.	Norse	-497	"	81	2210± 40	"	-1588	"	"
-12± 50		-189	"	"	2205± 70	"	-1588A	"	"
<u>CHILE</u>					<u>DENMARK</u>				
13,185±202		BM-1208	2	157	4500± 55	Megalithic	Lu-1952	2	211
12,552±128		-1375	"	"	<u>ECUADOR</u>				
12,496±148		-1209	"	"	6900±250	Post-Pleistocene	BM-1584	3	240
12,308±288		-1210B	"	"	<u>EGYPT</u>				
11,810±229		-1210	"	"	12,911±118		BM-1127A	2	159
7803± 82		-1203	"	"	8835±890	Fayum A	Gd- 709	"	175
7785±747		-1207	"	"	6035±650	"	- 788	"	176
5684± 52		-1204	"	"	5990± 60	"	- 693	"	"
5643± 60		-1204B	"	"	5540± 70	"	-1140	"	175
5620±120		Gif-2928	3	341	5065± 60	Nagadian	- 689	"	"
5395± 58		BM-1201A	2	156	5003± 88	Gerzean	BM-1127B	"	159
5366± 55		-1201	"	"	4615± 55	Nagadian	Gd-1127	"	175
5210±110		Gif-2927	3	340	4470± 70	New Kingdom	BM-1246	"	162
2780±110		-2729	"	"	4030± 60	Old Kingdom	BM-1231	3	240
2556± 45		BM-1202	2	157	3880± 70	"	-1728	"	276
280± 90		Gif-2728	3	340	3860± 60	Old Kingdom	-1228	"	240
<u>COLOMBIA</u>					3850± 50	"	-1497	"	241
1540±200	Antigua	Gif-1371	2	158	3830± 60	"	-1232	"	240
1335± 60	"	-1372	"	"	3800± 60	"	-1234	"	241
380± 80	Carrizal	-1384	"	"	3790± 70	"	-1233	"	"

ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
EGYPT (continued)					FRANCE (continued)				
3700± 40	Old Kingdom	BM-1496	3	241	5600±120	Chassean industry	Gif-2536	3	324
3580± 90	New Kingdom	-1247	2	162	5430±120	"	-2435	"	"
3570± 60	1st Int period/ Middle Kingdom	-1245	"	"	5420±120	Early Chassean	-2437	"	"
3555± 40	12th Dynasty	-1845	3	276	5190±130	Neolithic-Chassean	-2721	"	316
3550± 60	1st Int period/ Middle Kingdom	-1251	2	162	5140±140	Rubane-Hinkelstein ceramics	-2634	"	326
3520± 60	Middle Kingdom	-1796A	3	276	5140±120	Neolithic-Chassean	-3715	"	322
3500± 60	"	-1230	"	240	5100±140	Neolithic-Chassean	-2632	"	322
3490± 40	"	-1796	"	276	5100±110	Late Chassean	-2432	"	324
3480± 70	1st Int period/ Middle Kingdom	-1249	2	162	5040±110	"	-2434	"	"
3436± 43	12th dynasty	-1225	"	161	4940±120	Neolithic	-2682	"	320
3420± 80	Middle Kingdom	-1420	3	241	4940±120	"	-2684	"	320
3410± 60	"	-1726	"	275	4880±110	Late Chassean	-2433	"	324
3400±113	12th Dynasty	-1165	2	160	4870±110	Neolithic-Chassean	-3713	"	322
3400± 60	Middle Kingdom	-1229	3	240	4730±110	Neolithic	-4079	"	320
3310± 70	Middle Kingdom/ 2nd Int period	-1248	2	162	4680±110	"	-2471	"	319
3310± 60	2nd Int period	-1747	3	276	4610±120	Magdalenian	-4360	"	322
3250± 45	18th Dynasty	-1844	"	"	4530±110	SOM Neolithic	-2242	"	315
3180± 50	"	-1727	"	275	4520±120	"	-1598	"	314
3032± 57	18th Dynasty	-1370	2	161	4480±110	SOM Neolithic	-2241	"	315
3030±520	"	-1343	"	160	4420±110	Neolithic	-3098	"	320
2910± 40	"	-1641	"	161	4410±120	Peu-Richardien	-2608	"	321
2880±140	21st Dynasty (mummy)	-1872	3	237	4360±120	"	-2610	"	"
2867± 65	"	-1211	2	161	4350±120	Neolithic	-2683	"	320
2840± 50	Late Dynastic	-1226	3	240	4340±190	"	-2247	"	325
2200± 85	Manchester mummy 1770	-1602	"	275	4500±190	Late Neolithic-Michelberg	-2246	"	"
2200± 70	"	-1342	2	160	4290±110	Artenac	-4550	"	321
2220± 40	Ptolemaic period	-1547	3	242	3970±120	SOM Neolithic	-2723	"	316
2110± 45	"	-1548	"	"	3870±100	Bronze Age	-2687	"	320
1860±120	Manchester mummy 1770	-1839	"	275	3850±100	Neolithic-Roessen-Michelsberg	-2386	"	326
1840± 70	Misassoc	-1250	2	162	3780±100	Michelsberg	-2686	"	320
1690± 60	"	-1227	3	240	3760±100	Bronze Age	-2688	"	"
640±180	"	-1346	2	160	3750±110	"	-2688	"	"
580± 40	"	-1345	"	"	3690±100	SOM	-2169	"	316
328± 52	"	-1357	"	163	3620±110	Neolithic-LaTène	-2557	"	315
200± 40	"	-1344	"	160	3610±110	Neolithic	-1768	"	"
Modern	Misassoc	-1550	3	242	3510±100	Early Bronze Age	-2481	"	318
ETHIOPIA					3450±100	Bronze Age	-2421	"	319
500± 80	"	Gif-1895	3	337	3420±100	Campaniforme ceramics	-2677	"	315
Modern	"	-2397	"	"	3210±110	Middle Bronze Age	-3568	"	322
FRANCE					3110±100	Chassean	-2396	"	"
40,000	Eemian interglacial	Gif-2472	3	319	3000±110	"	-1599	"	315
40,000	Chatelperronian	-2414	"	321	2970±100	SOM Neolithic	-2243	"	316
26,410±440	Middle Paleolithic	BM-1817	"	277	2950±110	"	-1600	"	315
24,510±400	Aurignacian	Gif-2710	"	323	2930±100	Peu-Richardien	-2609	"	321
22,550±350	Middle Paleolithic	BM-1819	"	277	2930±100	"	-1769	"	215
22,230±350	Upper Aurignacian	Gif-2709	"	323	2840±100	Late Bronze Age	-3578	"	322
20,800±550	Madgalenian	-2155	"	323	2830±110	Bronze Age	-2292	"	319
17,000±700	Upper Paleolithic	-1604	"	316	2820±100	Late Bronze Age	-2378	"	318
15,070±270	Madgalenian IV-V	-2655	"	323	2750±100	"	-3569	"	322
14,230±160	Madgalenian III	-2708	"	"	2740±100	"	-1770	"	315
12,900±220	Madgalenian	-3923	"	"	2640± 90	Late Bronze Age III	-3712	"	322
12,540± 75	Upper Palaeolithic	BM-1616	"	243	2610±100	Early Iron Age	-2765	"	320
12,250±350	Azilian	Gif-2822	"	321	2570±100	"	-2473	"	319
11,230±180	Upper Palaeolithic	-1615	"	243	2500±100	Bronze Age	-2380	"	318
11,200±150	Late Palaeolithic	-2994	"	325	2390± 110	LaTène	-2248	"	326
10,760±190	Epipaleolithic	-2654	"	323	2380±100	"	-2382	"	318
10,500±190	Upper Palaeolithic	-1818	"	277	2380± 70	Iron Age	-2327	"	317
10,190±200	"	BM-1614	"	242	2350±100	"	-2383	"	319
10,080±190	Epimadgalenian	Gif-2653	"	323	2300±100	Iron Age	-2685	"	"
9570±120	Early Mesolithic	-2993	"	325	2160± 90	"	-3922	"	322
9410±160	"	-2753	"	"	1970± 70	"	-2365	"	316
9210±120	Azilian	-2530	"	326	1900±100	"	-2689	"	320
9030±160	Epipalaeolithic	Tardenoisian-2387	"	"	1860± 90	Roman	-2326	"	317
8920±200	Mesolithic	-2415	"	324	1840± 90	"	-2678	"	315
8450±250	Azilian	-2568	"	321	1800± 90	Late Bronze Age	-2331	"	317
8400±110	Mesolithic	-2992	"	325	1760± 90	Early Bronze Age	-2374	"	318
8260±130	"	BM-1613	"	242	1630± 90	High Middle Age	-3584	"	317
7600±100	Mesolithic	Gif-2991	"	325	1600± 90	Proto-historic	-2376	"	318
7580±110	"	-2631	"	319	1480± 90	"	-2416	"	324
6810±130	Epipaleolithic	-2401	"	323	1470± 90	Dark Age	-2291	"	316
6700±100	Early Neolithic	-2990	"	325	1430± 90	Proto-historic	-2375	"	318
6180±120	"	-2989	"	"	1400± 90	High Middle Age	-3795	"	317
5700±150	"	-2988	"	"	1310± 90	"	-4071	"	"
5690±190	"	-2757	"	"	1300± 90	"	-3745	"	"
5690±130	"	-2756	"	"	980± 90	"	-2681	"	"
5660±130	Middle Neolithic	-2754	"	324	970± 90	High Middle Age	-2296	"	"
5610±130	"	-2755	"	325	970± 90	Medieval	-2293	"	316
					950± 90	"	-2381	"	318
					940± 90	Proto-historic	-2377	"	"
					900± 90	High Middle Age	-3079	"	317
					860± 90	Late Middle Age	-2379	"	"
					820± 90	Medieval	-3702	"	321
					750±110	"	-2759	"	324
					670± 80	"	-2402	"	323
					390± 90	"	-2766	"	320
					Modern	"	-3079	"	317

ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
GHANA					INDONESIA				
1790± 80		SFU- 13	3	349	20,150± 250	Late Stone Age	BM-1492	3	247
1670±190		- 12	"	"	Modern		-1493	"	"
260± 80		- 11	"	"	IRAQ				
GREECE					51,000±1250	Misassoc	BM-1822	3	278
6420±120	Neolithic	BM-1887	3	278	6079± 66	Samarra/Halaf	-1434	"	247
6360±190	"	-1885	"	277	7052± 57	"	-1436	"	"
4040± 50	Bronze Age	-1886	"	"	7037± 69	"	-1437	"	"
3560± 70	"	-1888	"	278	7015± 66	"	-1435	"	"
2960± 40	Late Bronze Age	-1432	"	244	6980± 59	"	-1438	"	"
2940± 80	"	-1429	"	245	6930± 60	Early Halaf	-1531	"	248
2930± 50	"	-1430	"	244	5770± 45	Ubaid	-1823	"	278
2930± 55	"	-1435	"	"	5570± 60	"	-1458	"	248
2920± 75	"	-1427	"	243	4267± 85	Early Dynastic	-1390	2	163
2900± 70	"	-1428	"	"	3963± 57	"	-1365B	"	"
2840± 40	"	-1431	"	244	3938± 54	"	-1365A	"	"
2800± 75	"	-1426	"	243	3916± 50	"	-1365D	"	"
GUATEMALA					3869± 56	"	-1366	"	"
5960±130	Late Archaic	Gif-2834	3	337	3826± 47	"	-1365C	"	"
2580±100	Pre-Classic	-2833	"	338	3110± 35	Dynastic period	-1477	3	248
2510±100	"	-2832	"	"	2780± 40	Late Dynastic period	-1446	"	"
2200±100	Late Pre-Classic	-2837	"	339	2300± 50	"	-1856	"	278
2170±100	"	-2836	"	"	2010± 40	"	-1447	"	248
1930±100	Pre-Classic	-2835	"	338	1102± 43	Islamic	-1416	2	164
1900± 90	"	-4556	"	"	IRELAND				
1870±100	"	-4231	"	337	4250± 75	Neolithic	Lu-1947	2	211
1750±150	"	-2478	"	338	3970± 75	"	-1948	"	"
1650± 80	"	-4555	"	337	2020± 55	Iron Age	-1862	"	"
1640± 90	"	-4230	"	"	1260± 50	Late Iron Age	-1863	"	"
1640± 80	"	-4554	"	"	ISRAEL				
1630± 90	"	-4228	"	338	3030± 50	Bronze Age	BM-1368	2	165
1610± 80	"	-4553	"	"	2970± 50	"	-1598	"	"
1480± 90	"	-4229	"	"	1490± 60	Early Christian	-1224	"	"
1350± 90	"	-4227	"	"	1450± 50	"	-1223	"	"
INDIA					1330± 40	"	-1222	"	164
59,000±3200	Late Stone Age	BS- 43	1	51	240± 150	"	UCR- 276	1	64
26,600± 430	Middle Paleolithic	-146	"	"	JORDAN				
11,700± 150	Late Stone Age	-146	"	"	40,500±2700	Misassoc	BM-1325	2	166
11,550± 180	Mesolithic, Upper Paleolithic	-130	"	52	11,090± 90	Natufian	-1407	"	"
9830± 160	"	-131	"	"	9560± 65	PPNA	-1327	"	"
8960± 120	Megalithic	-204	"	53	9430± 85	"	-1324	"	"
7520± 140	"	-203	"	"	9380± 85	"	-1322	"	"
4540± 110	Mesolithic, Upper Paleolithic	-129	"	52	9380± 85	"	-1323	"	"
4010± 120	"	-135	"	"	9280± 100	Neolithic (PPNA)	-1787	3	280
3840± 130	"	-138	"	"	9230± 80	PPNA	-1321	2	165
3590± 90	Jorwe-Late Harappa	-176	"	51	9250± 220	"	-1326	"	166
3460± 100	"	-177	"	"	9200± 70	Neolithic (PPNA)	-1789	3	280
3590± 100	"	-180	"	52	8810± 100	" (PPNB)	-1772	"	279
3370± 130	"	-127	"	51	8730± 80	"	-1773	"	"
3330± 100	Mesolithic, Upper Paleolithic	-128	"	52	8700± 100	"	-1769	"	"
3130± 90	Jorwe-Late Harappa	-182	"	"	8680± 70	"	-1770	"	"
2990± 100	"	-181	"	"	8660± 260	"	-1771	"	"
2970± 100	"	-179	"	"	8660± 130	"	-1793	"	280
2950± 100	"	-178	"	"	8540± 65	PPNB	-1320	2	165
2880± 250	Mesolithic, Upper Paleolithic	-137	"	"	4570± 50	Proto-Urban	-1328	"	166
1620± 100	Megalithic	-201	"	53	4500± 60	"	-1329	"	"
1620± 80	Gupta period	BM-1478	3	245	4480± 50	"	-1775	3	279
1440± 100	Megalithic	BS-202	1	53	4380± 50	"	-1774	"	"
1280± 80	Gupta period	BM-1212	3	244	4160± 80	Bronze Age	-1779	"	"
1010± 100	Upper Paleolithic	BS-135	1	51	4120± 40	"	-1781	"	280
INDIAN OCEAN					4080± 70	"	-1778	"	279
2035± 35	Giant tortoise	BM-1628	3	245	3940± 80	"	-1783	"	280
1580± 250	"	-1398	"	"	5890± 60	"	-1780	"	279
1570± 120	"	-1514	"	246	3620± 40	"	-1784	"	280
1530± 120	"	-1515	"	"	3560± 40	"	-1782	"	"
1590± 230	"	-1397	"	245	3080± 40	Iron Age	-1790	"	"
1308± 85	"	-1331	"	246	2040± 40	"	-1791	"	"
1250± 50	"	-1399	"	245	MAURITANIA				
1140± 100	"	-1516	"	216	6580± 350	Neolithic	Gif-2165	3	331
Modern	"	-1389	"	"	5730± 120	Nouakchattian	-2494	"	332
					4670± 130	"	-2499	"	333
					4350± 120	"	-2498	"	"
					4190± 130	Neolithic	-2335	"	331
					3950± 80	"	-1856	"	330
					3930± 80	"	-2485	"	332
					3850± 120	"	-2486	"	331
					3650± 140	"	-1970	"	330

ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
MAURITANIA (continued)					PANAMA				
3530± 220	Neolithic	Gif-3060	3	351	1640± 90	Polychrome pottery	Gif-2346	3	339
3500± 120	"	-2492	"	"	PERU				
3450± 110	"	-2488	"	"	2801± 87		BM-1240	2	167
3410± 110	"	-2524	"	333	1420±221		-1365	"	168
3310± 240	"	-2167	"	331	1365± 77		-1361	"	167
3240± 100	"	-2484	"	332	1278± 70		-1239	"	"
3220± 110	"	-2487	"	"	1077±122		-1362	"	"
3220± 110	"	-2496	"	333	970± 90	Intermediate Recent	Gif-1988	3	339
3100± 120	"	-1762	"	330	970± 90	"	-2603	"	"
3080± 110	"	-2497	"	333	949± 50		BM-1359	2	167
2960± 110	"	-2491	"	332	839±181		-1364	"	168
2810± 100	"	-2493	"	"	834± 88		-1237	"	167
2500± 100	"	-1765	"	331	780± 90	Intermediate Recent	Gif-1989	3	340
2500± 100	"	-2162	"	330	757± 48		BM-1236	2	167
2470± 100	"	-1761	"	332	750± 90	Intermediate Recent	Gif-2389	3	340
2460± 100	"	-1824	"	"	750± 90	"	-1987	"	339
2450± 130	"	-2168	"	331	720± 90	"	-2604	"	"
2450± 110	"	-1762	"	332	710± 41		BM-1238	2	167
2380± 200	"	-1857	"	"	687± 67		-1360	"	"
2360± 100	"	-2164	"	331	POLAND				
2290± 130	"	-2166	"	330	5490± 80	Bronze Age	BM-1235	2	168
2170± 100	"	-2164	"	"	2650± 70	Lusatian	Gd- 612	"	176
2100± 180	"	-2165	"	331	2590± 60	"	- 543	"	"
2090± 120	"	-2489	"	"	2250± 60	"	- 544	"	"
1870± 240	"	-2334	"	"	1930±105	Iron	- 508	"	177
1520± 140	"	-1859	"	332	1890± 65	"	- 533	"	"
400± 90	"	-1764	"	331	1870± 40	"	- 530	"	"
Modern	"	-2490	"	332	1800± 95	"	- 507	"	"
MOROCCO					1755± 55	"	- 512	"	"
>40,000	Epipaleolithic	Gif-2581	3	328	1750± 70	"	- 511	"	"
>40,000	"	-2588	"	327	1510± 80	"	- 505	"	"
>40,000	Aterian	-2279	"	"	1010± 80	"	- 306	"	"
>40,000	Epipaleolithic	-2578	"	328	1165± 35		- 566	"	179
>35,000	"	-2584	"	329	1085± 50	Medieval	- 684	"	180
35,200±2100	Epipaleolithic	-2578	"	328	1000± 50	"	- 553	"	"
>35,000	"	-2584	"	329	1000± 50	"	- 1260	"	"
34,550±3200	Upper Aterian	-2277	"	327	740± 55	"	- 554	"	"
32,280±1890	Epipaleolithic-Aterian	-2276	"	"	730± 50	"	- 1045	"	176
52,370±2470	Epipaleolithic-Aterian	-2276	"	"	685± 55		- 560	"	180
24,500± 600	Epipaleolithic	-2582	"	328	665± 55	Historic	- 500	"	178
23,700±1000	"	-2585	"	329	635± 45	"	- 502	"	"
22,630± 500	"	-2576	"	328	630± 70	"	- 491	"	"
22,900± 400	"	-2587	"	327	620± 55	"	- 490	"	"
21,860± 330	Aterian	-2280	"	"	590± 40	"	- 534	"	179
21,100± 400	Epipaleolithic	-2586	"	"	590± 40	"	- 535	"	"
19,400± 250	"	-2278	"	"	580±140	"	- 423	"	178
19,680± 250	Aterian	-2278	"	"	520± 50		- 501	"	179
15,700± 180	Epipaleolithic	-2271	"	"	515± 50	Medieval	- 1139	"	178
15,550± 180	"	-2273	"	"	470± 45	Historic	- 499	"	179
15,460± 180	"	-2272	"	"	445± 95	"	- 590	"	"
15,240± 180	"	-2270	"	"	190± 45	"	- 1138	"	178
14,460± 200	"	-2579	"	328	105± 50	"	- 1015	"	179
14,130± 160	"	-2269	"	326	50± 50	"	- 577	"	178
14,020± 160	"	-2269	"	"	< 150		- 1010	"	179
13,500± 150		-2268	"	"	PORTUGAL				
13,140± 150	Early Epipaleolithic	-2267	"	"	5180±160		UGRA-84	2	220
12,500± 170	"	-2577	"	328	4310±170		-90	"	"
12,320± 600	"	-2580	"	"	4100±140		-91	"	221
12,170± 160	"	-2583	"	"	3960±130		-75	"	220
10,430± 180	Neolithic	-2909	"	329	3960±180		-77	"	"
9450± 160	"	-2908	"	"	3920±130		-76	"	"
6100± 120	"	-2910	"	"	3910±120		-86	"	221
4450± 110	"	-2911	"	"	3890±130		-85	"	"
3550± 120	"	-3013	"	330	SAHARA				
3300± 100	"	-2821	"	"	>35,000		Gif-3513	3	335
2360± 250	"	-2912	"	"	>35,000		-3267	"	334
NIGERIA					6180±130		-3504	"	335
825± 140	Yatakala ?	Gd-640	2	176	6150±130		-3509	"	"
NORWAY					5810±120		-3505	"	"
6460± 50	Mesolithic	BM-1880	3	280	5360±120		-3503	"	"
OMAN					5250±110		-3512	"	"
1899± 56	Pre-Islamic	BM-1352	1	166	5040±110		-3511	"	"
PAKISTAN					4850±110		-3510	"	334
4060± 120	Kot-Dijian	BM-1695	3	281	4440±110		-3514	"	"
3810± 60	"	-1693	"	"	4350±130		-3507	"	335
3680± 50	"	-1692	"	"	4300±110		-3260	"	333
3770± 90	"	-1694	"	"	4100±110		-3515	"	335
3640± 80	"	-1690	"	"	4030±110		-3261	"	334
3510± 60	"	-1691	"	"	3740±130		-3463	"	335
					3310±110		-3462	"	334
					3500±100		-3265	"	"

ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
SAHARA (continued)					SWEDEN				
3150± 100		Gif-3262	3	334	6900± 80	Mesolithic	Lu-1887	2	206
3100± 110		-3466	"	"	6640± 85	Late Kongemose culture	-1802	"	"
3070± 100		-3266	"	"	6290± 85	Early Ertebølle culture	-1835	"	"
3070± 100		-3264	"	"	6240± 85	"	-1834	"	"
3020± 100		-3461	"	"	6220±100	"	-1888	"	"
2740± 110		-3269	"	"	6020± 70	"	-1853	"	"
2000± 90		-3259	"	333	5930±125	"	-1886	"	"
1780± 100		-3466	"	334	5800± 70	"	-1849	"	"
1080± 100		-3467	"	335	5790± 70	"	-1848	"	"
540± 80		-3508	"	"	5260± 80	Ertebølle culture	-1842	"	207
Modern		-3468	"	"	4960± 95	Megalithic period	-1776	"	211
Modern		-3464	"	334	4860± 65	Funnel Beaker culture	-1866	"	208
SPAIN					LATE BRONZE/EARLY IRON AGE				
29,100±1400	Upper Paleolithic	BM-1456	3	250	2480± 45	Late Bronze/Early Iron age	-1854	"	207
-1200					2360± 55	Iron Age	-1872	"	209
>27,150	Aurignacian	-1457	"	"	2020± 65	"	-1909	"	210
25,657	Upper Paleolithic	-1456A	"	"	1930± 50	"	-1911	"	"
+1287					1910± 65	"	-1870	"	209
-1109	Middle Paleolithic	-1884	"	284	1850± 50	"	-1910	"	210
24,120± 460	Upper Paleolithic	-1739	"	283	1740± 40	"	-1826	"	204
20,880± 410	"	-1883	"	284	1660± 40	"	-1827	"	"
20,700± 250	"	-1882	"	"	1640± 50	"	-1859	"	208
19,950± 300	"	-1881	"	"	1610± 80	Late Iron Age	-1873	"	209
18,250± 510	"	-1455	"	250	1490± 50	"	-1860	"	208
16,560± 131	Magdalenian III	-1513	"	249	1460± 50	"	-1801	"	205
16,530± 300	"	-1453	"	249	1430± 50	"	-1796	"	"
15,988± 193	"	-1480	"	250	1380± 50	"	-1794	"	"
15,970± 212	"	-1512	"	249	1370± 40	"	-1825	"	204
15,540± 240	"	-1479	"	250	1360± 50	Vendel period	-1855	"	207
15,465± 204	"	-1454	"	249	1360± 50	"	-1857	"	208
15,191± 123	"	-1452	"	"	1350± 50	Late Iron Age	-1861	"	"
15,173± 160	Magdalenian IV	-1451	"	"	1350± 60	Vendel period	-1869	"	209
12,896± 137	Magdalenian V	-1450	"	"	1250± 50	"	-1858	"	208
12,282± 164	Azilian	-1877	"	283	1250± 50	Late Iron Age	-1797	"	205
11,190± 350	"	-1878	"	"	1210± 75	Vendel period	-1871	"	209
10,720± 280	"	-1876	"	"	1190± 50	"	-1843	"	207
10,700± 190	"				1180± 50	"	-1856	"	208
10,634± 121	Final Magaleneian/ Early Azilian	-1494	"	251	1090± 50	Viking period	-1795	"	205
10,558± 244	Azilian	-1448	"	249	1070± 50	"	-1777	"	210
10,486± 90	"	-1449	"	"	1010± 60	"	-1798	"	205
10,400± 90	"	-1879	"	283	990± 50	"	-1800	"	"
10,330± 190	"	-1875	"	"	880± 50	"	-1778	"	210
4520± 220		UGRA-11	2	218	110± 40	Historic	-1944	"	"
4210± 140	Eneolithic	-82	"	220	SYRIA				
4150± 170	"	-81	"	"	29,940±180	Missasoc	BM-1720	3	284
4090± 390	Myotragus	BM-1408	3	248	11,160±110	Mesolithic	-1718	"	"
4070± 150		UGRA-12	2	218	"	"	-1121	"	253
3950± 60	Beaker	BM-1843	3	282	10,792± 82	"	-1723	"	284
3860± 70	Chalcolithic	-1603	"	252	10,700±500	Neolithic	Gif-2633	"	336
3860± 140	Eneolithic	UGRA-80	2	220	9730±120	"	-2372	"	"
3670± 120	"	-78	"	219	9640±120	Neolithic Aswad I	BM-1122	"	253
3630± 130	"	-79	"	"	9374± 72	Aceramic Neolithic	Gif-2370	"	336
3620± 130	Bronze Age	-15	"	"	9340±120	Neolithic Aswad I	-2371	"	"
3610± 130	"	-101	"	220	9270±120	"	-2371	"	"
3610± 140	"	-47	"	219	9120± 50	Neolithic	BM-1719	"	284
3550± 140	Bronze Age	-16	"	"	8710±190	Phase I	Gif-3376	"	337
3500± 140	"	-21	"	"	8676± 72	Aceramic Neolithic	BM-1423	"	253
3490± 150	"	-100	"	"	8666± 66	"	-1120	"	"
3490± 180	Bronze Age	-97	"	"	8610± 50	Neolithic	-1722	"	284
3480± 140	"	-20	"	"	8560±110	Neolithic Aswad II	Gif-2373	"	336
3380± 150	Campaniforme	-72	"	220	8540±110	"	-2369	"	"
3320± 130	Bronze Age	BM-1529	3	252	8410± 60	Neolithic	BM-1721	"	284
3290± 140	"	UGRA-19	2	219	8400±190	Phase I	Gif-3374	"	337
3270± 80	Beaker	BM-1677	3	282	8393± 71	Aceramic Neolithic	BM-1425	"	253
3260± 140	Bronze Age	UGRA-19	2	219	8190± 77	"	-1424	"	"
3090± 70	Beaker	BM-1698	3	282	8150±190	Phase II	Gif-3372	"	337
2890± 50	Bronze Age	BM-1600	"	252	7900± 50	Neolithic	BM-1724	"	284
2860± 45	Beaker	-1697	"	282	6940±190	"	Gif-3371	"	337
2830± 50	Bronze Age	-1599	"	252	4060± 50	Agada	BM-1760	"	285
2670± 60	Megalithic period	-1511	"	251	4040± 70	"	-1761	"	"
2650± 60	Bronze Age	-1528	"	252	3710± 60	Uruk/Jamdat Nasr	-1759	"	"
2540± 160	"	UGRA-70	2	220	3680± 50	"	-1758	"	"
2520± 210	Bronze Age	BM-1601	3	252	3600± 40	Agada	-1764	"	"
2500± 100	Megalithic period	-1510	"	251	3570± 40	Uruk/Jamdat Nasr	-1263	"	"
2450± 230	Beaker	BM-1842	"	282	3540± 40	"	-1765	"	"
2390± 45	Coffin burial	-1518	"	252	TURKEY				
2360± 90	Animal bone	-1507	"	251	8360± 60	Neolithic	BM-1667	3	286
2350± 35	Coffin burial	-1517	"	251	8160±110	"	-1666	"	"
2290± 40	Beaker	-1696	"	283	8120±110	"	-1664	"	"
2190± 130	Pre-Roman	UGRA-45	2	219	8050± 60	"	-1662	"	"
1840± 130	"	-46	"	219					

ARCHAEOLOGIC SAMPLES

Date	Culture or Period	Sample No.	No.	Pg.	Date	Culture or Period	Sample No.	No.	Pg.
TURKEY (continued)					UNITED STATES (continued)				
7990±130	Neolithic	BM-1665	3	286	<u>Kentucky</u>				
7990±110	"	-1660	"	"	7450±150	Archaic	SFU- 29	3	350
7940±190	"	-1663	"	"	5350± 80	"	WIS-1302	1	85
7770±100	"	-1656	"	"	4560± 90	"	-1301	"	84
7760± 90	"	-1658	"	"	610±120	"	SFU- 23	3	350
7760± 90	"	-1657	"	"	<u>Nevada</u>				
7660± 70	"	-1655	"	"	1120±180		UCR-160	1	62
UNITED STATES					<u>New York</u>				
<u>Arizona</u>					2070±160	Early-Middle Woodland	UCR-289	1	64
4170±200		UCR-231	1	63	2060±160	Early Woodland	-287	"	63
2900±200	Noncultural	-210	"	"	2010±150	Early-Middle Woodland	-288	"	64
<200		-211	"	"	1710±160	"	-290	"	"
<u>California</u>					1290±150	Middle-Late Woodland	-285	"	63
9050±370	Hunting-Transitional	UCR-255	1	59	760±150	"	-286	"	"
7990±300	Millingstone	-263	"	60	550±160	"	-284	"	"
7970±350	"	-268	"	"	<u>Tennessee</u>				
7830±350	"	-257	"	"	2110± 80	Early Woodland	WIS-1260	1	85
7580± 30	"	-262	"	"	1080±100	McKelvey Series	-1261	"	"
7300±350	"	-267	"	"	<u>Wisconsin</u>				
6910±280	Hunting-Transitional	-261	"	59	1960± 80	Middle Woodland	WIS-1213	1	87
5750±170	Terminal Millingstone or	-307	"	62	1960± 80	Early Woodland	-1291	"	86
4340±200	Early Intermediate	-277	"	"	1565± 55	Late Woodland	-1208	"	"
4320±200	"	-298	"	61	1540± 70	Middle Woodland	-1217	"	87
3630±200	Hunting-Transitional	-260	"	59	1490± 80	Millville Phase	-1290	"	86
3530±200	"	-299	"	60	1460± 60	"	-1249	"	"
2720±200	Hunting-Transitional	-264	"	60	1360± 70	Middle Woodland	-1243	"	87
2230±160	"	-269	"	"	1330± 70	"	-1250	"	86
2230±150	"	-254	"	59	980± 70	Late Woodland	-1251	"	"
2200±150	"	-258	"	"	970± 70	"	-1296	"	"
2810±150	Early/Middle Horizon	-216	"	57	780± 70	"	-1206	"	85
2070±150	Transition	-308	"	62	480± 60	"	-1228	"	"
2020±150	Middle/Late Horizon	-193	"	55	340± 70	"	-1299	"	86
2000±150	Early/Middle Horizon	-194	"	"	<200	"	-1289	"	85
1900±150	Terminal Middle Horizon	-221	"	57	<u>YEMEN</u>				
1870±160	"	-309	"	62	1170± 60	Arabic period	BM-1141	3	254
1740±150	Early/Middle Horizon Transition	-215	"	55	1160± 50	"	-1140	"	"
1670±160	"	-310	"	61	1060± 50	"	-1142	"	"
1560±150	"	-311	"	62	<u>YUGOSLAVIA</u>				
1550±150	Intermediate Middle Horizon	-217	"	57	9331± 58	Mesolithic	BM-1156	2	168
1360±150	Late Middle Horizon	-229	"	58	9292±148	"	-1404	"	169
1320±150	Terminal Middle Horizon	-217	"	57	9198±103	"	-1147	"	168
1300±150	"	-247	"	62	8797± 83	"	-1144	"	"
1280±150	Middle/Late Horizon	-197	"	56	8138±121	"	-1403	"	169
1200±150	Intermediate Middle Horizon	-219	"	57	7738± 51	Mesolithic	-1143	"	168
1170±150	Terminal Middle Horizon	-222	"	58	6900±1000	Eneolithic	-1589	"	255
1140±150	Late/Terminal Middle Horizon	-230	"	57	4050± 70	Bronze Age	-1527	"	"
1090±150	Middle/Late Horizon	-192	"	55	2370± 40	Iron Age	-1830	"	287
1080±150	Late Middle Horizon	-227	"	57	2010± 70	"	-1831	"	"
1050±150	Intermediate Middle Horizon	-224	"	56	970± 70	Medieval	-1395	"	255
1010±150	Middle/Late Horizon	-196	"	55	950± 50	"	-1301	"	254
980±150	Late/Terminal Middle Horizon	-228	"	58	944± 55	"	-1498	"	"
980±150	Early Phase I-Late Horizon	-199	"	56	836± 39	"	-1499	"	"
950±150	"	-184	"	55	585± 40	Late Medieval	-1502	"	"
940±150	Middle/Late Horizon	-195	"	"	450± 45	Misassoc	-1505	"	255
900±150	Early/Middle Phase I-		"	56	385± 50	Late Medieval	-1500	"	254
860±150	Late Horizon	-198	"	56	338± 53	"	-1393	"	"
860±150	Phase I-Chumash	-271	"	60	285± 50	"	-1504	"	255
780±130	Terminal Middle Horizon	-220	"	58	190± 45	"	-1503	"	"
690±150	"	-259	"	59	<u>ZAMBIA</u>				
570±130	Middle Phase I-Late Horizon	-214	"	56	9000±370	Late Middle Stone Age	UCR-275	1	65
530±160	Late Phase I-Late Horizon	-169	"	54	2250±160	Iron Age	-273	"	"
510±150	Late Middle Horizon	-226	"	56	500±130	Late Stone Age	-274	"	"
500±150	Phase I-Chumash	-266	"	60	<150	"	-272	"	64
490±150	"	-265	"	"	<u>Iowa</u>				
480±150	"	-270	"	"	3560± 80		WIS-1220	1	84
390±140	Late Prehistoric Horizon	-316	"	61	800± 70	Mill Creek	-1292	"	"
280±150	"	-245	"	62	800± 70	"	-1293	"	"
250±130	"	-248	"	"	790± 70	"	-1274	"	"
240±150	Terminal Oroville	-183	"	55	720± 70	"	-1273	"	"
<150	"	-246	"	62					

GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
ANU			ANU			BS		
-1690	1	43	-2099	1	36	- 151	1	47
-1691	"	39	-2100	"	42	- 152	"	49
-1728	"	41	-2101	"	"	- 153	"	"
-1729	"	43	-2101	"	41	- 154	"	"
-1730	"	42	-2103	"	"	- 155	"	"
-1732	"	"				- 156	"	"
-1733	"	"	BM			- 157	"	46
-1734	"	"	-1243	3	256	- 158	"	"
-1735	"	41	-1417	"	"	- 159	"	"
-1736	"	"	-1418	"	"	- 160	"	"
-1737	"	"	-1421	"	257	- 161	"	"
-1738	"	43	-1422	"	"	- 162	"	"
-1739B	"	"	-1439	"	256	- 164	"	49
-1739A	"	42	-1440	"	"	- 165	"	"
-1740A	"	39	-1441	"	"	- 166	"	48
-1740C	"	"	-1655	"	286	- 167	"	47
-1741	"	"	-1656	"	"	- 168	"	48
-1742	"	38	-1657	"	"	- 169	"	"
-1743	"	"	-1658	"	"	- 170	"	"
-1744	"	"	-1660	"	"	- 171	"	"
-1745	"	37	-1662	"	"	- 172	"	"
-1746	"	38	-1663	"	"	- 173	"	"
-1827	"	"	-1664	"	"	- 174	"	49
-1828	"	36	-1665	"	"	- 175	"	"
-1869	"	40	-1666	"	"	- 183	"	50
-1895	"	"	-1667	"	"	- 184	"	"
-1896	"	39	-1670	"	287	- 185	"	"
-1897	"	43	-1672	"	"	- 186	"	47
-1898	"	40	-1830	"	"	- 187	"	"
-1899	"	"	-1831	"	"	- 188	"	"
-1900	"	38				- 189	"	49
-1920	"	40	BS			- 190	"	"
-1921	"	38	- 104	1	45	- 191	"	"
-1922	"	39	- 105	"	"	- 192	"	"
-1923	"	37	- 114	"	"	- 193	"	50
-1924	"	"	- 115	"	"	- 194	"	49
-1925	"	39	- 116	"	"	- 195	"	"
-1926	"	"	- 121	"	48	- 196	"	47
-1927	"	37	- 123	"	"	- 197	"	"
-1928	"	38	- 124	"	49	- 198	"	"
-1929	"	37	- 125	"	50	- 199	"	"
-1997	"	"	- 132	"	51	- 200	"	50
-1998	"	"	- 133	"	"	- 205	"	48
-1999	"	"	- 134	"	50	- 206	"	"
-2000	"	39	- 139	"	"	- 207	"	49
-2057	"	40	- 140	"	46	- 208	"	48
-2058	"	41	- 141	"	"	- 209	"	"
-2059	"	42	- 142	"	"	- 210	"	"
-2060	"	41	- 144	"	"			
-2070	"	38	- 145	"	50			
-2071	"	39	- 148	"	47			
-2092	"	36	- 149	"	"			
-2093	"	43	- 150	"	"			



GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
Gd			Gd			Gif		
- 513	2	188	-1027	2	185	-1758	3	314
- 514	"	"	-1028	"	184	-1759	"	"
- 515	"	"	-1040	"	188	-1771	"	294
- 516	"	"	-1041	"	191	-1833	"	296
- 518	"	191	-1042	"	185	-1834	"	"
- 519	"	"	-1049	"	"	-1835	"	295
- 524	"	"	-1052	"	192	-1837	"	"
- 525	"	"	-1062	"	182	-1838	"	"
- 526	"	"	-1065	"	188	-1879	"	297
- 527	"	"	-1066	"	184	-1891	"	304
- 528	"	183	-1072	"	190	-1893	"	302
- 529	"	"	-1073	"	"	-1905	"	293
- 537	"	"	-1075	"	184	-2149	"	313
- 538	"	"	-1079	"	187	-2150	"	314
- 539	"	185	-1081	"	"	-2152	"	298
- 540	"	"	-1082	"	"	-2184	"	296
- 541	"	183	-1083	"	186	-2185	"	295
- 546	"	"	-1084	"	187	-2186	"	"
- 549	"	185	-1142	"	183	-2187	"	"
- 551	"	191	-1143	"	"	-2188	"	"
- 552	"	"	-1144	"	"	-2189	"	296
- 556	"	192	-1147	"	189	-2228	"	292
- 557	"	193	-1149	"	"	-2250	"	"
- 584	"	187	-1153	"	"	-2253	"	304
- 585	"	"	-1155	"	"	-2234	"	"
- 588	"	"	-1156	"	"	-2235	"	305
- 589	"	"	-1230	"	184	-2236	"	"
- 592	"	184				-2237	"	"
- 593	"	185	Gif			-2238	"	"
- 594	"	184	- 931	3	296	-2239	"	"
- 602	"	"	- 935	"	"	-2240	"	"
- 605	"	192	- 936	"	"	-2249	"	303
- 606	"	188	- 937	"	"	-2250	"	"
- 607	"	192	- 940	"	"	-2251	"	"
- 608	"	185	- 941	"	"	-2252	"	"
- 610	"	192	- 942	"	"	-2253	"	"
- 611	"	186	- 943	"	"	-2254	"	"
- 615	"	192	- 944	"	"	-2335	"	302
- 627	"	189	- 946	"	"	-2336	"	"
- 630	"	189	- 947	"	"	-2337	"	"
- 631	"	182	- 948	"	"	-2391	"	311
- 633	"	189	- 950	"	295	-2392	"	313
- 635	"	184	- 951	"	296	-2393	"	"
- 638	"	185	- 952	"	"	-2394	"	"
- 639	"	186	- 953	"	295	-2404	"	305
- 651	"	"	- 954	"	"	-2405	"	"
- 656	"	"	- 955	"	"	-2406	"	"
- 659	"	191	- 957	"	"	-2417	"	299
- 672	"	190	- 958	"	"	-2449	"	311
- 777	"	"	-1686	"	297	-2458	"	293
- 792	"	"	-1687	"	"	-2459	"	"
-1016	"	186	-1694	"	291	-2474	"	313
-1020	"	"	-1695	"	"	-2475	"	"
-1021	"	"	-1756	"	314	-2476	"	"
-1022	"	"	-1757	"	"	-2509	"	293

## GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
Gif			Gif			Gif		
-2510	3	293	-2863	3	306	-3393	3	292
-2519	"	311	-2864	"	"	-3420	"	299
-2520	"	"	-2865	"	294	-3421	"	"
-2521	"	"	-2866	"	"	-3423	"	"
-2522	"	303	-2867	"	"	-3449	"	309
-2523	"	"	-2871	"	"	-3450	"	"
-2525	"	299	-2872	"	"	-3451	"	308
-2527	"	298	-2904	"	293	-3452	"	"
-2528	"	"	-2913	"	"	-3453	"	"
-2531	"	312	-2917	"	302	-3474	"	298
-2532	"	"	-2929	"	312	-3475	"	"
-2533	"	"	-2930	"	"	-3477	"	309
-2534	"	"	-2931	"	"	-3478	"	310
-2535	"	311	-2932	"	"	-3479	"	309
-2536	"	"	-2944	"	309	-3537	"	300
-2554	"	310	-2945	"	"	-3538	"	"
-2555	"	300	-2946	"	"	-3566	"	312
-2558	"	310	-2947	"	310	-3732	"	309
-2559	"	"	-2948	"	308	-3733	"	308
-2564	"	309	-2949	"	"	-3734	"	"
-2606	"	298	-2951	"	299	-3735	"	"
-2607	"	297	-2953	"	298	-3736	"	"
-2624	"	312	-2957	"	314	-3755	"	300
-2625	"	"	-2978	"	298	-3756	"	"
-2635	"	302	-2979	"	297	-3757	"	"
-2636	"	"	-2987	"	301	-3758	"	"
-2647	"	313	-2996	"	293	-3792	"	298
-2648	"	"	-2998	"	307	-3972	"	307
-2675	"	299	-2999	"	308	-3973	"	"
-2679	"	301	-3046	"	291	-3974	"	"
-2680	"	"	-3047	"	292	-4234	"	301
-2690	"	303	-3048	"	"	-4393	"	"
-2690	"	"	-3049	"	"	-4394	"	"
-2693	"	297	-3050	"	302	-4395	"	"
-2694	"	"	-3097	"	298	-4416	"	298
-2695	"	"	-3230	"	310	-4417	"	"
-2707	"	302	-3231	"	"	-4418	"	301
-2767	"	"	-3273	"	300	-4523	"	297
-2779	"	291	-3274	"	299	-4524	"	298
-2780	"	292	-3347	"	307			
-2782	"	"	-3348	"	"			
-2783	"	"	-3349	"	"	Lu		
-2823	"	304	-3350	"	"	-1762	2	198
-2824	"	"	-3360	"	306	-1812	"	195
-2838	"	311	-3361	"	"	-1813	"	"
-2839	"	"	-3362	"	"	-1814	"	"
-2847	"	306	-3363	"	"	-1815	"	"
-2848	"	"	-3377	"	"	-1829	"	196
-2849	"	307	-3379	"	"	-1830	"	"
-2850	"	"	-3382	"	301	-1831	"	"
-2851	"	304	-3383	"	"	-1832	"	"
-2852	"	"	-3389	"	292	-1833	"	198
-2856	"	"	-3390	"	"	-1847	"	197
-2860	"	294	-3391	"	"	-1847A	"	"
-2862	"	"	-3392	"	"	-1851	"	"

GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
Lu			Lu			UGRA		
-1852	2	197	-1937A	2	202	- 22	2	218
-1874	"	199	-1942	"	198	- 23	"	"
-1875	"	"	-1943	"	"	- 24	"	"
-1876	"	"	-1953	"	200	- 26	"	"
-1877	"	197				- 27	"	"
-1878	"	203	SFU			- 28	"	"
-1879	"	"	- 18a	3	350	- 29	"	"
-1880	"	"	- 18b	"	"	- 31	"	"
-1881	"	"	- 20	"	"	- 32	"	"
-1882	"	"	- 21	"	"	- 33	"	"
-1885	"	"	- 22	"	"	- 34	"	"
-1844:1	"	200	- 31	"	351	- 35	"	"
-1844:2	"	"	- 44	"	"	- 36	"	"
-1885	"	195	- 45	"	"	- 37	"	"
-1890	"	204	- 46	"	"	- 38	"	"
-1891	"	"	- 47	"	"	- 39	"	"
-1892	"	203	- 48	"	"	- 40	"	"
-1893	"	"	- 49	"	"	- 41	"	"
-1894	"	204	- 68	"	"	- 42	"	"
-1895	"	"				- 43	"	"
-1896	"	"	UCR			- 44	"	"
-1900	"	197	- 176	1	66	- 49	"	"
-1901	"	198	- 185	"	"	- 50	"	"
-1902	"	195	- 186	"	"	- 51	"	"
-1902A	"	"	- 187	"	"	- 55	"	"
-1903	"	"	- 189	"	"	- 56	"	"
-1904	"	"	- 190	"	"	- 57	"	"
-1905	"	196	- 191	"	"	- 58	"	"
-1905A	"	"	- 235	"	65	- 59	"	"
-1906	"	"	- 236	"	"			
-1907	"	"	- 237	"	"	VRI		
-1908	"	"	- 239	"	66	- 555	2	223
-1916	"	198	- 241	"	"	- 556	"	224
-1917	"	199	- 249	"	"	- 557	"	"
-1918	"	"				- 620	"	225
-1919	"	"	UD			- 621	"	"
-1920	"	"	- 3	2	215	- 622	"	224
-1922	"	200	- 4	"	"	- 623	"	"
-1923	"	201	- 5	"	"	- 678	"	222
-1924	"	"	- 6	"	"	- 679	"	223
-1925	"	"	- 7	"	"	- 680	"	"
-1925A	"	"	- 9	"	"	- 685	"	222
-1926	"	"	- 20	"	"	- 689	"	"
-1926A	"	"	- 21	"	"	- 705	"	225
-1927	"	"	- 23	"	"	- 716	"	"
-1927A	"	"				- 717	"	"
-1929	"	201	UGRA			- 718	"	223
-1929A	"	"	- 4	2	218	- 721	"	"
-1931	"	202	- 5	"	"	- 722	"	"
-1932	"	"	- 6	"	"	- 724	"	225
-1933	"	"	- 7	"	"	- 725	"	"
-1934	"	"	- 8	"	"	- 726	"	"
-1935	"	"	- 9	"	"	- 727	"	"
-1936	"	"	22	"	"	- 728	"	223
-1937	"	"	23	"	"	- 729	"	222

GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
VRI			WAT			WIS		
- 734	2	222	- 307	1	73	-1207	1	98
- 740	"	225	- 310	"	"	-1209	"	"
- 741	"	"	- 311	"	70	-1210	"	89
			- 343	"	74	-1211	"	90
WAT			- 345	"	78	-1212	"	"
- 40	1	60	- 360	"	76	-1214	"	89
- 57	"	69	- 361	"	77	-1215	"	88
- 64	"	"	- 362	"	"	-1216	"	"
- 72	"	"	- 367	"	73	-1218	"	"
- 76	"	70	- 380	"	77	-1219	"	"
- 93	"	72	- 392	"	78	-1221	"	90
- 98	"	75	- 396	"	80	-1222	"	88
- 116	"	71	- 397	"	"	-1223	"	"
- 117	"	70	- 398	"	"	-1224	"	95
- 119	"	"	- 399	"	"	-1225	"	"
- 120	"	71	- 406	"	77	-1226	"	93
- 128	"	"	- 408	"	"	-1227	"	95
- 130	"	70	- 493	"	74	-1229	"	91
- 134	"	71	- 507	"	"	-1230	"	95
- 136	"	"	- 545	"	75	-1231	"	94
- 138	"	"	- 546	"	76	-1232	"	"
- 142	"	"	- 547	"	"	-1233	"	"
- 143	"	"	- 548	"	"	-1234	"	95
- 144	"	"	- 549	"	"	-1235	"	"
- 145	"	"	- 550	"	75	-1236	"	98
- 156	"	"	- 551	"	77	-1237	"	95
- 166	"	72	- 552	"	78	-1238	"	98
- 169	"	"	- 559	"	74	-1239	"	98
- 176	"	70	- 563	"	76	-1240	"	97
- 190	"	72	- 567	"	74	-1241	"	"
- 199	"	70	- 568	"	76	-1242	"	95
- 202	"	"	- 571	"	75	-1244	"	"
- 217	"	71	- 574	"	"	-1245	"	"
- 225	"	72	- 579	"	"	-1246	"	"
- 243	"	79				-1247	"	89
- 244	"	69				-1248	"	94
- 248	"	78	WIS			-1252	"	92
- 249	"	73	-1154	1	88	-1253	"	"
- 250	"	72	-1163	"	87	-1254	"	"
- 251	"	"	-1164	"	"	-1255	"	"
- 255	"	79	-1166	"	"	-1256	"	93
- 258	"	"	-1188	"	88	-1257	"	92
- 262	"	79	-1189	"	94	-1258	"	"
- 263	"	73	-1190	"	96	-1259	"	91
- 265	"	"	-1191	"	97	-1262	"	97
- 266	"	79	-1192	"	"	-1263	"	"
- 267	"	80	-1193	"	88	-1264	"	"
- 268	"	"	-1197	"	87	-1265	"	96
- 269	"	"	-1198	"	89	-1266	"	97
- 274	"	"	-1199	"	"	-1267	"	93
- 275	"	"	-1200	"	99	-1268	"	92
- 287	"	73	-1201	"	"	-1269	"	91
- 297	"	"	-1202	"	"	-1270	"	90
- 298	"	"	-1203	"	"	-1271	"	"
- 300	"	78	-1204	"	98	-1277	"	89
- 301	"	73	-1205	"	99	-1279	"	91

GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
WIS			Z			Z		
-1280	1	91	- 681	3	365	- 833	3	366
-1281	"	95	- 682	"	"	- 834	"	"
-1282	"	96	- 684	"	354	- 838	"	367
-1283	"	89	- 685	"	355	- 840	"	"
-1284	"	91	- 686	"	366	- 841	"	"
-1285	"	"	- 691	"	357	- 842	"	"
-1286	"	96	- 692	"	369	- 843	"	"
-1287	"	"	- 693	"	370	- 845	"	369
-1288	"	98	- 694	"	369	- 846	"	"
-1294	"	96	- 701	"	359	- 847	"	367
-1295	"	91	- 704	"	366	- 848	"	368
-1297	"	90	- 706	"	359	- 853	"	"
-1298	"	"	- 707	"	353	- 855	"	"
-1300	"	"	- 708	"	369	- 856	"	"
			- 709	"	370	- 857	"	"
			- 710	"	369	- 900	"	363
Z			- 711	"	360	- 901	"	"
- 620	3	364	- 741	"	"	- 902	"	"
- 621	"	"	- 742	"	"	- 903	"	"
- 622	"	"	- 743	"	"	- 904	"	361
- 623	"	"	- 744	"	"	- 905	"	"
- 624	"	365	- 745	"	"	- 907	"	368
- 625	"	"	- 746	"	357	- 908	"	"
- 626	"	"	- 747	"	"	- 909	"	358
- 628	"	"	- 748	"	356	- 910	"	"
- 630	"	"	- 750	"	"	- 911	"	357
- 631	"	"	- 752	"	353	- 912	"	358
- 632	"	"	- 753	"	354	- 913	"	"
- 633	"	"	- 754	"	"	- 914	"	363
- 636	"	370	- 755	"	"	- 915	"	"
- 637	"	"	- 800	"	360	- 917	"	362
- 638	"	"	- 801	"	359	- 918	"	355
- 640	"	"	- 802	"	"	- 919	"	"
- 641	"	"	- 803	"	"	- 920	"	"
- 642	"	"	- 805	"	"	- 921	"	"
- 643	"	"	- 806	"	"	- 922	"	356
- 644	"	365	- 809	"	354	- 923	"	"
- 656	"	368	- 811	"	"	- 924	"	"
- 657	"	369	- 812	"	355	- 925	"	"
- 658	"	366	- 813	"	"	- 926	"	357
- 659	"	"	- 814	"	361	- 927	"	356
- 660	"	365	- 815	"	"	- 930	"	360
- 661	"	"	- 816	"	"	- 933	"	361
- 662	"	364	- 817	"	"	- 934	"	360
- 663	"	357	- 818	"	"	- 935	"	359
- 664	"	"	- 820	"	361	- 936	"	354
- 665	"	"	- 821	"	358	- 937	"	362
- 666	"	"	- 823	"	"	- 939	"	363
- 667	"	362	- 824	"	357	- 942	"	369
- 668	"	368	- 825	"	363	- 946	"	370
- 671	"	362	- 826	"	"	- 947	"	"
- 672	"	370	- 827	"	"	- 949	"	"
- 674	"	364	- 829	"	364	- 950	"	"
- 677	"	369	- 831	"	359	- 952	"	359
- 678	"	"	- 832	"	366	- 953	"	358
- 679	"	"						

GEOLOGIC SAMPLES

Sample no.	No.	Page no.	Sample no.	No.	Page no.	Sample no.	No.	Page no.
Z			Z			Z		
- 956	3	362	- 959	3	362	- 969	3	370
- 957	"	"	- 960	"	370	- 970	"	"
- 958	"	"	- 961	"	"	- 972	"	"