Group 1

1472 AA3\_D1\_16O-7

1009 AC2\_D3\_16O-0

3941 AC9\_D5\_16O-0

3984 HC9\_D3\_16O-0

1029 HA2\_D5\_16O-7

3632 HB8\_D1\_16O-7

Group 2

1006 AC2\_D1\_16O-7

2435 HA5\_D5\_16O-7

3626 HC8\_D5\_16O-0

3185 AB7\_D3\_16O-7

2011 AC4\_D3\_16O-0

3932 AB9\_D1\_16O-0

Group 3

1032 HB2\_D1\_16O-7

3188 AC7\_D1\_16O-7

1494 AB3\_D5\_16O-0

1775 HB4\_D3\_16O-7

1471 AA3\_D1\_16O-0

3627 HA8\_D1\_16O-7

Group 4

3974 HA9\_D3\_16O-0

1782 HC4\_D5\_16O-7

3192 AC7\_D5\_16O-7

1501 AC3\_D3\_16O-0

2418 HA5\_D3\_16O-0

3946 AA9\_D5\_16O-7

Group 5

1755 HA4\_D3\_16O-0

1035 HB2\_D3\_16O-0

2382 AC5\_D5\_16O-7

1005 AC2\_D1\_16O-0

1514 HA3\_D3\_16O-0

1763 HC4\_D1\_16O-0

Group 6

2420 HA5\_D5\_16O-0

1780 HC4\_D3\_16O-7

2353 AA5\_D1\_16O-0

3944 AA9\_D3\_16O-7

3977 HB9\_D1\_16O-0

1016 AC2\_D5\_16O-7

Group 7

2001 AA4\_D3\_16O-0

1523 HB3\_D1\_16O-0

1528 HB3\_D3\_16O-7

3947 AB9\_D1\_16O-7

3172 AB7\_D5\_16O-0

3939 AC9\_D3\_16O-0

Group 8

3168 AB7\_D1\_16O-0

2357 AA5\_D5\_16O-0

3989 HA9\_D3\_16O-7

2373 AB5\_D1\_16O-7

3937 AC9\_D1\_16O-0

1044 HC2\_D1\_16O-0

Group 9

3972 HA9\_D1\_16O-0

3622 HC8\_D1\_16O-0

3163 AA7\_D1\_16O-0

1762 HB4\_D5\_16O-0

1502 AC3\_D3\_16O-7

2426 HC5\_D1\_16O-0

Group 10

2006 AB4\_D3\_16O-0

1753 HA4\_D1\_16O-0

979 AA2\_D1\_16O-0

3979 HB9\_D3\_16O-0

1511 HA3\_D1\_16O-7

3982 HC9\_D1\_16O-0

Group 11

4001 HC9\_D5\_16O-7

3183 AB7\_D1\_16O-7

1778 HC4\_D1\_16O-7

1023 HA2\_D3\_16O-7

2440 HB5\_D5\_16O-7

1520 HA3\_D5\_16O-0

Group 12

3624 HC8\_D3\_16O-0

1010 AC2\_D3\_16O-7

3170 AB7\_D3\_16O-0

1028 HA2\_D5\_16O-0

1540 HC3\_D3\_16O-0

1770 HA4\_D3\_16O-7

Group 13

1031 HB2\_D1\_16O-0

1041 HB2\_D5\_16O-0

3619 HB8\_D3\_16O-0

2013 AC4\_D5\_16O-0

2019 AB4\_D1\_16O-7

1475 AA3\_D3\_16O-0

Group 14

3976 HA9\_D5\_16O-0

3629 HA8\_D3\_16O-7

1015 AC2\_D5\_16O-0

2416 HA5\_D1\_16O-0

2368 AA5\_D1\_16O-7

2375 AB5\_D3\_16O-7

Group 15

3167 AA7\_D5\_16O-0

1772 HA4\_D5\_16O-7

3637 HC8\_D1\_16O-7

2009 AC4\_D1\_16O-0

2445 HC5\_D5\_16O-7

3931 AA9\_D5\_16O-0

Group 16

1498 AC3\_D1\_16O-7

3641 HC8\_D5\_16O-7

1524 HB3\_D1\_16O-7

980 AA2\_D1\_16O-7

3182 AA7\_D5\_16O-7

3952 AC9\_D1\_16O-7

Group 17

3956 AC9\_D5\_16O-7

3634 HB8\_D3\_16O-7

1767 HC4\_D5\_16O-0

3929 AA9\_D3\_16O-0

1488 AB3\_D3\_16O-0

2377 AB5\_D5\_16O-7

Group 18

1541 HC3\_D3\_16O-7

3639 HC8\_D3\_16O-7

1758 HB4\_D1\_16O-0

3951 AB9\_D5\_16O-7

2016 AA4\_D3\_16O-7

2004 AB4\_D1\_16O-0

Group 19

3190 AC7\_D3\_16O-7

1055 HC2\_D5\_16O-7

2362 AB5\_D5\_16O-0

1003 AB2\_D5\_16O-7

2008 AB4\_D5\_16O-0

3954 AC9\_D3\_16O-7

Group 20

1533 HB3\_D5\_16O-0

1019 HA2\_D1\_16O-7

1777 HB4\_D5\_16O-7

3987 HA9\_D1\_16O-7

2438 HB5\_D3\_16O-7

3999 HC9\_D3\_16O-7

Group 21

990 AA2\_D5\_16O-7

3934 AB9\_D3\_16O-0

1510 HA3\_D1\_16O-0

3981 HB9\_D5\_16O-0

3631 HA8\_D5\_16O-7

1484 AB3\_D1\_16O-0

Group 22

1508 AC3\_D5\_16O-7

3986 HC9\_D5\_16O-0

1045 HC2\_D1\_16O-7

2355 AA5\_D3\_16O-0

1485 AB3\_D1\_16O-7

1036 HB2\_D3\_16O-7

Group 23

1999 AA4\_D1\_16O-0

1773 HB4\_D1\_16O-7

2360 AB5\_D3\_16O-0

2425 HB5\_D5\_16O-0

3621 HB8\_D5\_16O-0

1022 HA2\_D3\_16O-0

Group 24

1048 HC2\_D3\_16O-0

2378 AC5\_D1\_16O-7

2433 HA5\_D3\_16O-7

984 AA2\_D3\_16O-7

1515 HA3\_D3\_16O-7

2441 HC5\_D1\_16O-7

Group 25

1482 AA3\_D5\_16O-7

2026 AC4\_D3\_16O-7

992 AB2\_D1\_16O-0

3612 HA8\_D1\_16O-0

3994 HB9\_D3\_16O-7

1757 HA4\_D5\_16O-0

Group 26

2430 HC5\_D5\_16O-0

1497 AC3\_D1\_16O-0

2421 HB5\_D1\_16O-0

997 AB2\_D3\_16O-7

2372 AA5\_D5\_16O-7

3180 AA7\_D3\_16O-7

Group 27

2436 HB5\_D1\_16O-7

1536 HC3\_D1\_16O-0

1018 HA2\_D1\_16O-0

1476 AA3\_D3\_16O-7

3942 AA9\_D1\_16O-7

2021 AB4\_D3\_16O-7

Group 28

3991 HA9\_D5\_16O-7

1537 HC3\_D1\_16O-7

1760 HB4\_D3\_16O-0

2380 AC5\_D3\_16O-7

993 AB2\_D1\_16O-7

1495 AB3\_D5\_16O-7

Group 29

1507 AC3\_D5\_16O-0

3936 AB9\_D5\_16O-0

3165 AA7\_D3\_16O-0

2358 AB5\_D1\_16O-0

2367 AC5\_D5\_16O-0

1768 HA4\_D1\_16O-7

Group 30

2443 HC5\_D3\_16O-7

2365 AC5\_D3\_16O-0

1002 AB2\_D5\_16O-0

1489 AB3\_D3\_16O-7

1042 HB2\_D5\_16O-7

3636 HB8\_D5\_16O-7

Group 31

3927 AA9\_D1\_16O-0

1765 HC4\_D3\_16O-0

3614 HA8\_D3\_16O-0

996 AB2\_D3\_16O-0

3997 HC9\_D1\_16O-7

3175 AC7\_D3\_16O-0

Group 32

3949 AB9\_D3\_16O-7

3616 HA8\_D5\_16O-0

1481 AA3\_D5\_16O-0

1546 HC3\_D5\_16O-0

3996 HB9\_D5\_16O-7

989 AA2\_D5\_16O-0

Group 33

1054 HC2\_D5\_16O-0

2024 AC4\_D1\_16O-7

1527 HB3\_D3\_16O-0

2003 AA4\_D5\_16O-0

3173 AC7\_D1\_16O-0

983 AA2\_D3\_16O-0

Group 34

2431 HA5\_D1\_16O-7

3992 HB9\_D1\_16O-7

3177 AC7\_D5\_16O-0

2363 AC5\_D1\_16O-0

3617 HB8\_D1\_16O-0

2428 HC5\_D3\_16O-0

Group 35

3178 AA7\_D1\_16O-7

2423 HB5\_D3\_16O-0

2014 AA4\_D1\_16O-7

3187 AB7\_D5\_16O-7

1049 HC2\_D3\_16O-7

2370 AA5\_D3\_16O-7

Total 16O extractions: 210.

Total 16O groups: 35

Group 36

2455 HB5\_D5\_18O-7

969 HB2\_D5\_18O-7

3969 AC9\_D3\_18O-7

1457 HB3\_D3\_18O-7

963 HB2\_D1\_18O-7

3652 HC8\_D1\_18O-7

Group 37

3649 HB8\_D3\_18O-7

2451 HB5\_D1\_18O-7

1447 HA3\_D1\_18O-7

2387 AA5\_D5\_18O-7

2039 AC4\_D1\_18O-7

3967 AC9\_D1\_18O-7

Group 38

945 AB2\_D5\_18O-7

961 HA2\_D5\_18O-7

2388 AB5\_D1\_18O-7

3957 AA9\_D1\_18O-7

3964 AB9\_D3\_18O-7

941 AB2\_D3\_18O-7

Group 39

2448 HA5\_D3\_18O-7

2383 AA5\_D1\_18O-7

3202 AB7\_D5\_18O-7

4016 HC9\_D5\_18O-7

3961 AA9\_D5\_18O-7

947 AC2\_D1\_18O-7

Group 40

3654 HC8\_D3\_18O-7

1433 AB3\_D3\_18O-7

949 AC2\_D3\_18O-7

3959 AA9\_D3\_18O-7

971 HC2\_D1\_18O-7

931 AA2\_D1\_18O-7

Group 41

3656 HC8\_D5\_18O-7

3644 HA8\_D3\_18O-7

2395 AC5\_D3\_18O-7

977 HC2\_D5\_18O-7

957 HA2\_D3\_18O-7

1791 HB4\_D5\_18O-7

Group 42

1792 HC4\_D1\_18O-7

2036 AB4\_D3\_18O-7

2390 AB5\_D3\_18O-7

3200 AB7\_D3\_18O-7

965 HB2\_D3\_18O-7

2029 AA4\_D1\_18O-7

Group 43

4002 HA9\_D1\_18O-7

2446 HA5\_D1\_18O-7

4009 HB9\_D3\_18O-7

2041 AC4\_D3\_18O-7

1796 HC4\_D5\_18O-7

1425 AA3\_D3\_18O-7

Group 44

3647 HB8\_D1\_18O-7

2450 HA5\_D5\_18O-7

1437 AB3\_D5\_18O-7

2458 HC5\_D3\_18O-7

1455 HB3\_D1\_18O-7

937 AA2\_D5\_18O-7

Group 45

4011 HB9\_D5\_18O-7

1423 AA3\_D1\_18O-7

2456 HC5\_D1\_18O-7

2385 AA5\_D3\_18O-7

3646 HA8\_D5\_18O-7

4014 HC9\_D3\_18O-7

Group 46

3198 AB7\_D1\_18O-7

1463 HC3\_D1\_18O-7

4006 HA9\_D5\_18O-7

1429 AA3\_D5\_18O-7

2392 AB5\_D5\_18O-7

1465 HC3\_D3\_18O-7

Group 47

1445 AC3\_D5\_18O-7

3966 AB9\_D5\_18O-7

3193 AA7\_D1\_18O-7

2453 HB5\_D3\_18O-7

1794 HC4\_D3\_18O-7

2034 AB4\_D1\_18O-7

Group 48

939 AB2\_D1\_18O-7

3197 AA7\_D5\_18O-7

2031 AA4\_D3\_18O-7

3205 AC7\_D3\_18O-7

2460 HC5\_D5\_18O-7

1431 AB3\_D1\_18O-7

Group 49

973 HC2\_D3\_18O-7

933 AA2\_D3\_18O-7

1784 HA4\_D3\_18O-7

2393 AC5\_D1\_18O-7

1786 HA4\_D5\_18O-7

1869 HA4\_D1\_18O-7

Group 50

1449 HA3\_D3\_18O-7

1789 HB4\_D3\_18O-7

2397 AC5\_D5\_18O-7

4007 HB9\_D1\_18O-7

3195 AA7\_D3\_18O-7

3203 AC7\_D1\_18O-7

Group 51

953 AC2\_D5\_18O-7

3971 AC9\_D5\_18O-7

3651 HB8\_D5\_18O-7

1787 HB4\_D1\_18O-7

4004 HA9\_D3\_18O-7

955 HA2\_D1\_18O-7

Group 52

3207 AC7\_D5\_18O-7

3642 HA8\_D1\_18O-7

1439 AC3\_D1\_18O-7

3962 AB9\_D1\_18O-7

1441 AC3\_D3\_18O-7

4012 HC9\_D1\_18O-7

Total 18O extractions: 102.

Total 18O groups: 17