

TECHNICAL NOTES

February 19, 2003

MO-1 Technical Note Number 29 (Revised)

Re: NASIS – Pedon ID numbers, type and purpose classification

This technical note is to provide guidance on designation of Pedon “User Site ID” and “User Pedon ID”.

NASIS provides space to record several ID numbers for each pedon entered into the program. There are separate numbers for the general area the pedon was collected in (User Site ID), and for the specific profile (user pedon ID). Several pedons may be recorded under the same Site ID, however, generally each Pedon ID will have a separate Site ID. Very little guidance has been supplied as to how to populate these columns. Consequently, each survey area has used their own convention for assigning ID numbers to pedon descriptions. A survey of the 1400 pedons currently entered in NASIS Pedon indicates there are at least 20 different conventions for assigning ID numbers. This makes it impossible to use this column to query data. In an effort to make these columns more useful, MO1 will be using the following convention to assign these numbers:

User Site ID

This number will consist of 3 groups of characters: *(the year the pedon was collected) – (first, middle and last initial of the person writing the description) – (a consecutive number by year and by individual)*.

Examples:

98-JTH-01
98-JTH-02
98-MEH-01
98-MEH-02
99-JTH-01

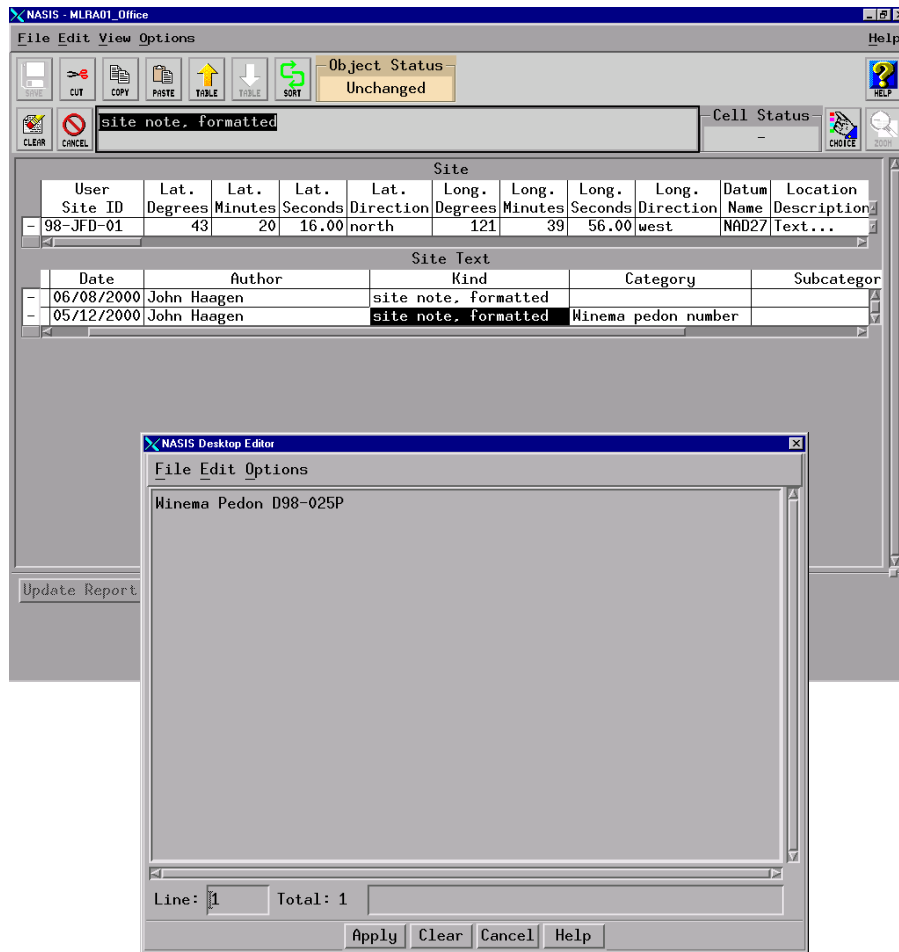
This convention will permit querying by year and by individual. If you are entering a pedon from a published report or an official series description where the year is unknown, enter the current year. If the name of the person writing the description is unknown, use your own initials. The site association table is also available to group related pedons such as transect data.

If you have used another numbering convention in the past and have that data entered in another database, that number can be entered in the site text as a formatted note and it will be printed on the pedon report as shown in the following example:

The local report titled “**PEDON - List of Pedons for MO-1 by site ID**” may be used to determine the next consecutive site ID number. An example of this report is attached.

Print date: 06/13/2000
 Description Date: 11/05/1998
 Describer: James F. Dorr

Site ID: 98-JFD-01
Site Note Winema Pedon D98-025P
 Pedon ID: 98OR683001



User Pedon ID

This number will consist of the following: (two digit year; soil survey ID; consecutive number for the survey area by year).

Example: 98OR011001

This column can be used to query for all pedons collected within the survey area by year. The local report titled “**PEDON - List of Pedons for MO-1 by pedon ID**” may be used to determine the next consecutive pedon ID number. An example of this report is attached. There is also a report that lists pedons sorted by series name.

Pedon Type

Following are the choices and definitions for the pedon type column. This data is used to determine which pedons may be aggregated to determine ranges in characteristics. Any pedons previously entered into Pedon should be reviewed to make sure they meet the definitions listed below.

Typical pedon for the series – Pedon used on the Official Series Description. There should be only one pedon with this type for each series.

Modal pedon for the series – Pedon used for the Taxonomic Unit Description. If this is the same pedon used in the OSD, code the pedon type as “typical pedon for the series”. There should be one modal pedon for each survey area, except where the OSD pedon is used as representative.

Within range of series – Pedon is neither typical or modal, but falls within the series range.

Taxadjunct to the series – Pedon classifies as a taxadjunct. (defined in NSH 627.06)

Outside range of series – Pedon may be classified the same, but is outside the range of the series (similar soil).

Map unit inclusion – Pedon does not meet criteria for any series

Modal pedon for map unit – If separate pedon descriptions have been used to describe each phase, use this type for the modal pedon for the map unit. Generally not used in MO1.

Within range of map unit – Pedon is within range of the map unit. Generally not used in MO1.

Pedon Purpose

Full pedon description – Pedon description is generally complete and will allow taxonomic classification of the pedon. Incomplete pedon descriptions should be coded as “field note”.

Field note – Incomplete pedon descriptions or pedons in which only a few significant horizons were described.

Crop yield data site – Pedons collected for a specific study. If pedon is complete and meets series criteria, it could be coded “full pedon description”.

Range data site - Pedons collected for a specific study. If pedon is complete and meets series criteria, it could be coded “full pedon description”.

Forestry data site - Pedons collected for a specific study. If pedon is complete and meets series criteria, it could be coded “full pedon description”.

Research site - Pedons collected for a specific study. If pedon is complete and meets series criteria, it could be coded “full pedon description”.

List of Pedons for MO-1 sorted by site ID

| Site ID | Date | Pedon ID | Author | Series | Class |
|-----------|------------|------------|-------------------------------|---------------------|--------------------------|
| 99-ACM-01 | 07/26/1999 | 99OR682009 | Amanda C. Moore, Jerry Weinhe | Maklak | modal pedon for series |
| 99-ACM-02 | 07/15/1999 | 99OR682010 | Amanda C. Moore, Jerry Weinhe | Maklak | within range of series |
| 99-ACM-03 | 09/14/1999 | 99OR682001 | Amanda C. Moore | Iredcone | typical pedon for series |
| 99-ACM-04 | 07/27/1999 | 99OR682007 | Jerry J. Weinheimer, Amanda C | Timbercrater | modal pedon for series |
| 99-ACM-05 | 07/29/1999 | 99OR682008 | Amanda C. Moore, Cory Ducey, | Lapine | typical pedon for series |
| 99-ALH-01 | 08/19/1999 | 99ID666001 | Alan L. Harkness | Ota | typical pedon for series |
| 98-CBM-01 | 07/27/1998 | 98WA063003 | Carol B. Miller | Garrison | within range of series |
| 93-CDJ-01 | 12/29/1993 | 93OR057004 | Chris D. Jasper | Ginsberg | typical pedon for series |
| 93-CDJ-02 | 02/04/1993 | 93OR057001 | Chris D. Jasper | Fulvudands | modal pedon for series |
| 93-CDJ-03 | 02/11/1993 | 93OR057002 | Chris D. Jasper | Ascar | typical pedon for series |
| 94-CDJ-01 | 01/13/1994 | 94OR057001 | Chris D. Jasper | Alic Hapludands | modal pedon for series |
| 94-CDJ-02 | 05/24/1994 | 94OR057003 | Chris D. Jasper | Fawceter | typical pedon for series |
| 95-CDJ-01 | 06/29/1995 | 95OR057001 | Chris D. Jasper | Typic Fulvudands | modal pedon for series |
| 96-CDJ-01 | 11/01/1996 | 96OR057004 | Chris D. Jasper | Ecola | typical pedon for series |
| 97-CDJ-01 | 12/03/1997 | 97OR057001 | Chris D. Jasper | Depoe | typical pedon for series |
| 97-CDJ-02 | 12/04/1997 | 97OR057002 | Chris D. Jasper | Horseprairie | typical pedon for series |
| 97-CDJ-03 | 12/30/1997 | 97OR057003 | Chris D. Jasper | Ferrello | pedon for series typical |
| 98-CDJ-01 | 04/02/1998 | 98OR057001 | Chris D. Jasper | Heceta | typical pedon for series |
| 97-DJT-32 | 08/05/1997 | 97ID661001 | Dave Troughlell | Belish | modal pedon for series |
| 99-DLW-01 | 10/22/1999 | 99WA063001 | Dean L. White | Wapal | modal pedon for series |
| 99-DLW-02 | 11/24/1999 | 99WA063002 | Dean L. White | Uhlig, basalt sub | outside range of series |
| 99-DLW-03 | 08/14/1998 | 98WA063004 | Dean L. White | near mollic Garfiel | modal pedon for series |
| 99-DLW-07 | 11/29/1999 | 99WA063003 | Dean L. White | Rockly | modal pedon for map unit |
| 99-DLW-08 | 10/13/1999 | 99WA063XXX | Dean L. White | Hudnut | outside range of series |
| 99-DLW-09 | 04/16/1999 | 99WA063002 | Dean L. White | Leecher Variant, hi | outside range of series |
| 99-DLW-25 | 07/22/1999 | 99WA063007 | Dean L. White | Bong | outside range of series |
| 99-DLW-29 | 08/10/1999 | 99WA063009 | Dean L. White | Uhlig | outside range of series |
| 99-DLW-30 | 08/25/1999 | 99WA063011 | Dean L. White | Dearyton | taxadjunct to the series |
| 99-DLW-33 | 09/08/1999 | 99WA063012 | Dean L. White | Clayton | modal pedon for series |
| 00-DRH-01 | 02/01/2000 | 00OR067001 | Unknown - Washington County | Astoria | modal pedon for series |
| 00-DRH-02 | 02/02/2000 | 00OR007004 | Unknown - Clatsop County | Braun | typical pedon for series |
| 00-DRH-03 | 02/03/2000 | 00OR007005 | Unknown - Clatsop County | Croquib | modal pedon for series |
| 00-DRH-04 | 02/14/2000 | 00OR067002 | Unknown - Washington County | Hembre | modal pedon for series |

List of Pedons for MO-1 sorted by pedon ID

| Pedon ID | Date | Site ID | Author | Series | ~Class |
|------------|------------|------------|--------------------------|---------------|--------------------------|
| 97ID661001 | 08/05/1997 | 97-DJT-32 | Dave Troughlell | Belish | modal pedon for series |
| 99ID666001 | 08/19/1999 | 99-ALH-01 | Alan L. Harkness | Ota | typical pedon for series |
| 00OR003001 | 02/03/2000 | 00-DRJ-01 | David R. Johnson | Camas | typical pedon for series |
| 00OR003002 | 02/04/2000 | 00-DRJ-02 | David R. Johnson | Willamette | typical pedon for series |
| 00OR003003 | 02/07/2000 | 00-DRJ-03 | David R. Johnson | Conser | typical pedon for series |
| 00OR003004 | 02/11/2000 | 00-DRJ-04 | David R. Johnson | Willakenzie | within range of series |
| 00OR003005 | 03/07/2000 | 00-DRJ-06 | David R. Johnson | Gellatly | outside range of series |
| 00OR003006 | 03/11/2000 | 00-DRJ-07 | David R. Johnson | Philomath | modal pedon for series |
| 00OR003007 | 03/31/2000 | 00-DRJ-08 | David R. Johnson | Dixonville | modal pedon for series |
| 00OR003008 | 04/23/2000 | 00-DRJ-09 | David R. Johnson | Gellatly | typical pedon for series |
| 00OR003009 | 05/16/2000 | 00-DRJ-10 | David R. Johnson | Gellatly | within range of series |
| 97OR003001 | 09/18/1997 | 97-MHF-01 | Matthew H. Fillmore | Caterl | modal pedon for map unit |
| 97OR003002 | 09/18/1997 | 97-MHF-02 | Matthew H. Fillmore | Laderly | modal pedon for map unit |
| 97OR003003 | 09/18/1997 | 97-MHF-03 | Matthew H. Fillmore | Murtip | modal pedon for map unit |
| 00OR007001 | 07/24/2000 | 00-JTH-05 | Philip R. Smith | Rinearson | typical pedon for series |
| 00OR007002 | 08/16/2000 | 00-JTH-06 | John A. Shipman | Brallier | typical pedon for series |
| 00OR007004 | 02/02/2000 | 00-DRH-02 | Unknown - Clatsop County | Braun | typical pedon for series |
| 00OR007005 | 02/03/2000 | 00-DRH-03 | Unknown - Clatsop County | Croquib | modal pedon for series |
| 00OR007006 | 04/03/2000 | 00-DRH-05 | Unknown - Clatsop County | Humaquepts | modal pedon for series |
| 00OR007007 | 05/31/2000 | 00-DRH-06 | Unknown - Clatsop County | Kilchis | typical pedon for series |
| 71OR011001 | 10/05/1971 | 71-FWG-01 | Fred W. Gelderman | Blacklock | within range of series |
| 71OR011002 | 08/25/1971 | 71-DRT-01~ | Don R. Taylor | Bohannon | within range of series |
| 71OR011003 | 06/07/1971 | 71-FWG-02 | Fred W. Gelderman | Brenner-like | map unit inclusion |
| 71OR011004 | 06/09/1971 | 71-FWG-03 | Fred W. Gelderman | Blachly | modal pedon for series |
| 71OR011004 | 07/19/2000 | 00-JTH-02 | Fred W. Gelderman | Brenner | map unit inclusion |
| 71OR011005 | 08/09/1971 | 71-FWG-04 | Fred W. Gelderman | Brallier | modal pedon for series |
| 72OR011001 | 05/15/1972 | 72-FWG-01 | Fred W. Gelderman | Templeton | typical pedon for series |
| 72OR011002 | 05/16/1972 | 72-FWG-02 | Fred W. Gelderman | Templeton | within range of series |
| 72OR011003 | 05/17/1972 | 72-FWG-03 | Fred W. Gelderman | Millicoma | typical pedon for series |
| 72OR011004 | 05/18/1972 | 72-FWG-04 | Fred W. Gelderman | Millicoma | within range of series |
| 72OR011005 | 05/19/1972 | 72-FWG-05 | Fred W. Gelderman | Winchuck-like | within range of series |
| 72OR011006 | 05/17/1972 | 72-FWG-06 | Fred W. Gelderman | Bohannon | within range of series |
| 72OR011007 | 05/17/1972 | 72-FWG-07 | Fred W. Gelderman | Bohannon | within range of series |
| 72OR011008 | 03/15/1972 | 72-DRT-01 | Don R. Taylor | Bohannon | within range of series |

List of Pedons for MO-1 sorted by series

| Series | Pedon ID | Date | Site ID | Author | Class |
|-----------------|------------|------------|------------|-------------------------------|--------------------------|
| Alic Hapludands | 99OR683010 | 10/14/1999 | 99-LWS-01 | Larry W. Sandoval | |
| | 94OR057001 | 01/13/1994 | 94-CDJ-01 | Chris D. Jasper | modal pedon for series |
| Ascar | 93OR057002 | 02/11/1993 | 93-CDJ-03 | Chris D. Jasper | typical pedon for series |
| Astoria | 00OR067001 | 02/01/2000 | 00-DRH-01 | Unknown - Washington County | modal pedon for series |
| Bandon | 74OR011012 | 08/06/1974 | 74-FWG-12 | Fred W. Gelderman | within range of series |
| Bandon | 74OR011011 | 10/08/1974 | 74-FWG-11 | Fred W. Gelderman | within range of series |
| Bandon | 74OR011010 | 09/11/1974 | 74-FWG-10 | Fred W. Gelderman | typical pedon for series |
| Belish | 97ID661001 | 08/05/1997 | 97-DJT-32 | Dave Troughlell | modal pedon for series |
| Blachly | 81OR011011 | 08/06/1981 | 81-MSA-11 | Mark S. Amara | within range of series |
| Blachly | 80OR011011 | 08/05/1980 | 80-MSA-09 | Mark S. Amara | taxadjunct to the series |
| Blachly | 80OR011010 | 07/10/1980 | 80-MSA-08 | Mark S. Amara | taxadjunct to the series |
| Blachly | 81OR011010 | 06/15/1981 | 81-MSA-10 | Mark S. Amara | within range of series |
| Blachly | 71OR011004 | 06/09/1971 | 71-FWG-03j | Fred W. Gelderman | modal pedon for series |
| Blachly | 80OR01109 | 07/07/1980 | 80-MSA-07 | Mark S. Amara | taxadjunct to the series |
| Blachly | 80OR011012 | 08/05/1980 | 80-MSA-10 | Mark S. Amara | within range of series |
| Blachly | 80OR011013 | 08/08/1980 | 80-JTH-03 | John T. Haagen | taxadjunct to the series |
| Blachly | 81OR011008 | 04/24/1981 | 81-MSA-08 | Mark S. Amara | taxadjunct to the series |
| Blacklock | 74OR011004 | 07/30/1974 | 74-FWG-04 | Fred W. Gelderman | within range of series |
| Blacklock | 74OR011001 | 09/11/1974 | 74-FWG-01 | Fred W. Gelderman | typical pedon for series |
| Blacklock | 71OR011001 | 10/05/1971 | 71-FWG-01 | Fred W. Gelderman | within range of series |
| Blacklock | 74OR011003 | 08/05/1974 | 74-FWG-03 | Fred W. Gelderman | within range of series |
| Blacklock | 74OR011005 | 07/26/1974 | 74-FWG-05 | Fred W. Gelderman | within range of series |
| Bohannon | 80OR011001 | 05/19/1980 | 80-MSA-01 | Mark S. Amara | outside range of series |
| Bohannon | 81OR011001 | 03/17/1981 | 81-MSA-01 | Mark S. Amara | within range of series |
| Bohannon | 81OR011002 | 07/14/1981 | 81-MSA-02 | Mark S. Amara | within range of series |
| Bohannon | 00OR601001 | 07/03/2000 | 00-JTH-01 | Clarence Knezevich ? | typical pedon for series |
| Bohannon | 80OR011005 | 08/04/1980 | 80-MSA-05 | Mark S. Amara | within range of series |
| Bohannon | 72OR011008 | 03/15/1972 | 72-DRT-01 | Don R. Taylor | within range of series |
| Bohannon | 80OR011002 | 07/29/1980 | 80-MSA-02 | Mark S. Amara, John T. Haagen | taxadjunct to the series |
| Bohannon | 72OR011007 | 05/17/1972 | 72-FWG-07 | Fred W. Gelderman | within range of series |
| Bohannon | 71OR011002 | 08/25/1971 | 71-DRT-01 | Don R. Taylor | within range of series |