COAL GEOLOGY
GEOSCIENCE INFORMATION SYSTEM
PILOT STUDY

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FOREWORD

During the last decade the computerization of geological data and new computer applications have revolutionalized geological research. Substantial advances in spacial data storage, display and analysis have been realized in the municipal and non-renewable resource sectors, particularly in forestry. The new technology has been termed Geographic Information Systems (GIS). Worldwide, governmental organizations responsible for base mapping have changed from traditional methods to digital mapping techniques. The geological community, during the last five years, has joined the revolution and is only now discovering the potential and limitations of GIS technology. This pilot study was designed to explore GIS capabilities and limitations for geological research while producing a useful product that could be built upon.

Discussions with our clients in industry, Alberta Energy and Forestry Lands and Wildlife indicated that available coal geology information is not being used extensively for Alberta coal development planning, resource planning, or in the administration of mineral agreements. Resource management in Alberta is mainly focused on surface contraints, particularly natural surface features, policies and plans. The Coal GSIS demo demonstrates how geological and non-geological data can be queried, analysed and displayed by operators with or without computer and/or geological expertise.

ACKNOWLEDGMENTS

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The manuscript was critically reviewed and constructive comments were provided by Dennis Nikols, Greg Mandryk and Dale Fietz. Peter McCabe (U.S. Geological Survey) helped with the initial project concept and design.

EXECUTIVE SUMMARY

As part of a GeoScience Information System (GSIS) pilot project a demo for coal-related information was developed at the Alberta Geological Survey. It should be stressed that the pilot project demo is the primary product of this project, not this compilation. This report is intended to provide an introduction to the pilot demo and provide support documentation for the project and the demo.

Management of information related to coal resources involves complex operations on tabular data bases and mapping systems. Traditionally, Data Base Management Systems (DBMS) and Mapping Systems were two distinct software packages. Tasks often involved complex transfers of files between systems. Geographic Information Systems (GIS) allow for functional graphics and analysis integration within one package and using one data base platform.

The system created during this study operates under the shell of pcARC/INFO. A menu system was created within the shell to allow for standard queries by geologists having no special training in computing systems. In addition to the above capabilities, the Coal Section's GSIS will provide a graphic query window for the Alberta Geological Survey's (AGS) Coal Data Base created in the INGRES relational database system residing on a VAX 780.

The GSIS system is designed on four levels of detail (figures 1 and 2):

Level One - 1:1000 000 maps include general coal information for the province of Alberta.

Level Two - 1:250 000 scale maps include the above noted information plus selected information on coal disposition, mine permits and on oil and gas well locations.

Level Three - in addition to information available on Level Two, selected subareas identify names of oil wells and mine permits; as well the 400 m development buffer zones have been identified for the oil wells.

Level Four - 1:5000 mine or township scale maps include detailed information concerning coal seam thickness (detailed contour maps), coal quality, overburden and stratigraphy for the areas.

On all levels, selected information may be linked (related) to the AGS's Coal Data Base by an index key item. The system has the capability of producing hard copy output in the form of high-quality color or black and white maps and/or reports from any combination of available data. The system will also produce new maps from existing information, and allows for the interactive composition of custom thematic maps to display geological information.

The demo illustrates how the GIS technology can serve as an exploration, research and information platform for the 1990's.

INTRODUCTION

OBJECTIVES

The Coal GeoScience Information System (GSIS) pilot project demo was developed to explore and demonstrate the capabilities and limitations of Geographic Information System (GIS) technology for support of coal geology research and coal resource management activities.

METHODS

DESIGN PHILOSOPHY

The design philosophy was based on developing a demo that demonstrated GIS capabilities while showing how coal (geological and non-geological) data could be stored, retrieved and analyzed in novel ways. In addition, the demo had to be easy to use, flexible and be of use toward developing an operational system.

Basic considerations included:

- the system must be capable of being expanded to a province-wide system;
- the area of focus for the pilot demo would centre on Townships 50 to 53, Ranges 3 to 5 West of the 5th. Meridian; the defined area contains major operating coal mines;
- the demo system must be interactive to both database and graphics;
- the demo interface must be simple, relatively transparent and appear seamless to the user;
- a large number of overlays (10 to 20) must be possible;
- the exchange formats with other mapping and graphics software such as CPS Radian, SURFACE II, INTERGRAPH and AUTOCAD must be possible;
- the final hardcopy and screen output must be, or approach, CAD

quality;
- the demo system hardware must be transportable and have a large file storage capacity.

The GSIS system was designed on four levels of detail (figures 1 and 2):

Level One - 1:1 000 000 scale maps include general coal information for the province of Alberta.

Level Two - 1:250 000 scale maps include the above information plus selected information on coal disposition, mine permits and oil wells.

Level Three - in addition to information available on Level Two, selected subareas identify names of oil wells and mine permits; as well the 400 m development buffer zones have been identified for the oil wells.

Level Four - 1:5000 mine or township scale maps include detailed information concerning coal seam thickness (detailed contour maps), coal quality, overburden and stratigraphy for the mining areas.

On all levels, selected information can be linked (related) to the AGS's Coal Data Base by an index key item.

The demo was designed to illustrate how GIS technology can serve as an exploration, research and information platform for the 1990's.

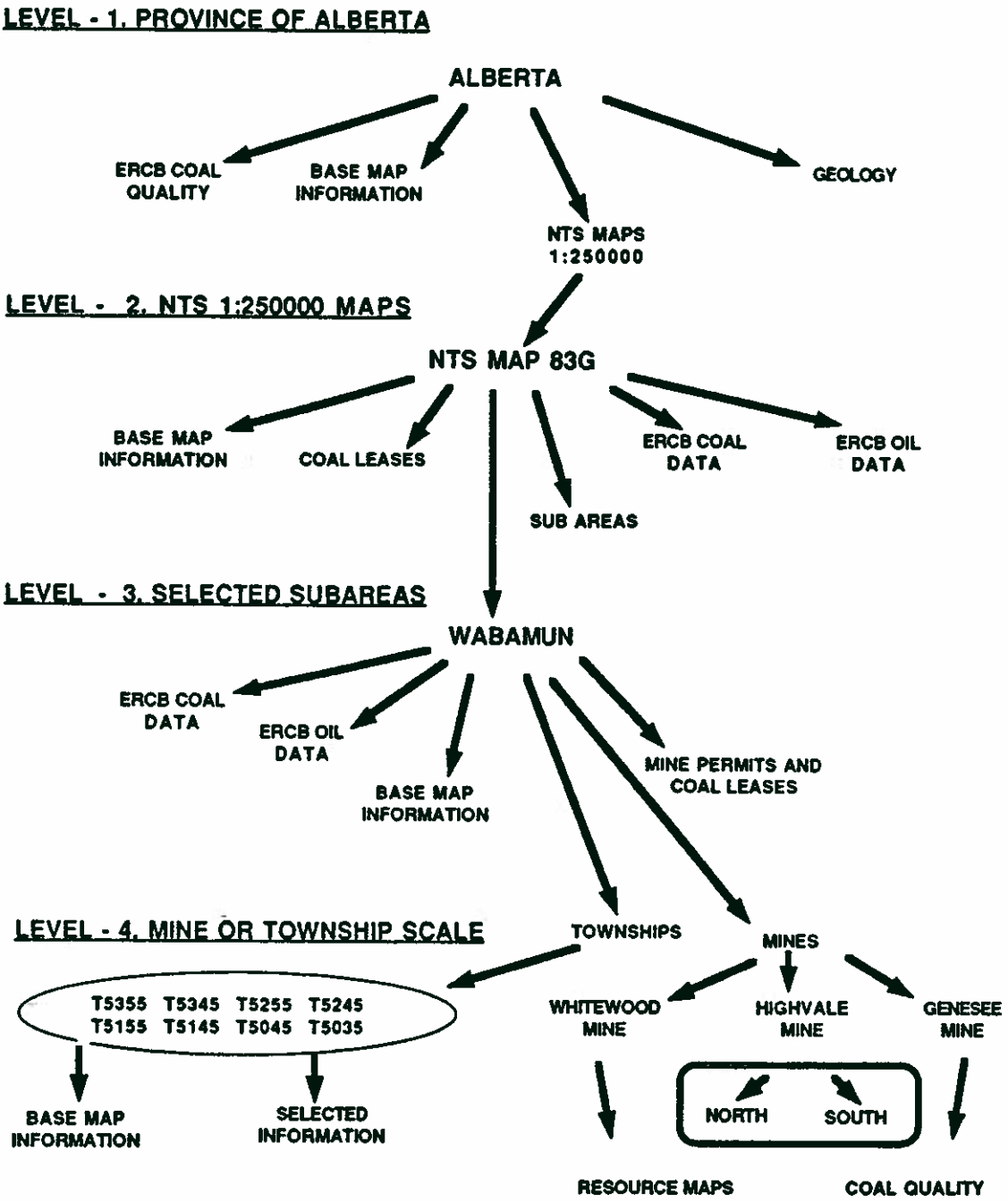


Figure 1. The Coal GSIS demo menu system design.

PROCESSING

Hardware (The Workstation)

The bulk of the project work was carried out on a MS-DOS 386 class microcomputer to establish the computing costs.

Some basic considerations included:

- the final hardcopy and screen output must be, or approach, CAD quality;
- the system must be interactive to both the database and graphics;
- the processing can accommodate both raster and vector;
- the system must be transportable and have large storage capacity.

The chosen hardware allowed for a full examination of the pcARC/INFO software and exceeded the minimum requirements needed to run the software package. The selected COMPAQ 386/20 (Deskpro) micro-computer was configured with a 2Mb. RAM memory, a 80386 20 Mhz. microprocessor, a 5 1/4-inch 1.2Mb. floppy disk drive and a 300Mb. internal hard disk drive, which has an access time of less than 20ms. A 125Mb. internal tape back up which backs-up 5Mb. per minute; a 32 Kbytes high speed Cache memory controller, 1 parallel and 2 serial interface, and a 80387-20 math co-processor completes the computing and storage components of the workstation. The cost of the basic workstation totalled $19,940.00.

Additional hardware comprised the followings components:

- a Hewlett Packard PaintJet printer, costing $1,628.00; the printer can produce high (180 dots per inch) resolution color prints on standard 8.5 x 11 inch paper;
- a Calcomp 9100 digitizing table with a 44" x 60" maximum working space and a 16 button digitizer;
- a Calcomp drawing board, costing $3,500.00, the drawing board can emulate the Calcomp 2000 and has an 18" x 18" active area

and a 16 button digitizer;

- a NEC Multisync Plus monitor, costing $2,495.00; the monitor scans all frequencies between 21.8 kHz and 45 kHz; it has a horizontal resolution of 720 lines with 960 dots per line and has both TTL and Analog signal inputs; the diagonal display is 15" while the viewing area is 14";
- a Etherlink Plus adapter, costing $1,165.00, the adapter allows the Compaq to communicate with the host VAX/VMS computer more efficiently.

The total cost of the hardware was $28,728.00 (table 1.).

Table 1. Hardware costs.

Components	Cost ($)
Compaq Deskpro. 386/20	19,940.00
HP Paintjet Printer	1,628.00
Digitizing Table (Calcomp 9100)	on loan
NEC Multisync Plus monitor	2,495.00
Calcomp Drawing Board	3,500.00
EtherLink Plus Adapter	1,165.00
Total:	$28,728.00

Software

The software selected for the Coal GSIS coal pilot project demo was a package called pcARC/INFO which was obtained from Environmental Systems Research Institute (ESRI). One of the advantages of this software was its capability to download and upload data sets from/for other mini-based ARC/INFO systems in place at other Alberta government departments. The pcARC/INFO based system was purchased before ARC/INFO became available on the Alberta Research Council's mini-computers. In hindsight, pcARC/INFO would still have been purchased even if the mini system had been available. By using pcARC/INFO it was possible to maintain control of the system for experimentation and establish computing costs.

The basic pcARC/INFO software module is called the 'ARC/INFO STARTER KIT'. It provides basic functions such as digitizing, coordinate transformation and the reading of ASCII input files into the GIS system. The starter module costs $3,600.00. There are six pcARC/INFO options available, each of which cost $1,800.00; a description of their functions follows:

1. pcARCedit provides the capability to edit any digital coverages in the system.
2. pcARCplot provides the capability to display maps on color graphics monitors and create high quality cartographic plots. pcARCplot also provides interactive query functions that allows users to display specific features.
3. PC INFO allows users to input and relate spatial data to the graphic coverages; PC INFO permits users to link databases to their graphic expression and further provides for import and export of databases in various formats.
4. pcGRIDCONVERSION provides the ability to exchange data between pcARC/INFO coverages and grid cell formats.
5. pcARC SIF (Standard Interchange Format) allows the file transfer between the pcARC/INFO and Intergraph; SIF is a command lanaguage written and used by Intergraph for ASCII transfer of design files.
6. pcOVERLAY provides advanced capabilities for manipulating and analyzing geographic information including polygon overlay, line- and point-in-polygon overlay, buffer creation, dissolve functionality and more - all based on a geo-relational topological data structure.

The total cost for the complete pcARC/INFO software used in the project was $14,400.00 (table 2).

Table 2. pcARC/INFO software cost.

Options	Cost ($)
pcARC/INFO Starter Kit	3,600.00
pcARCedit	1,800.00
pcARCplot	1,800.00
PC INFO	1,800.00
pcARC SIF	1,800.00
pcGRIDCONVERSION	1,800.00
pcOVERLAY	1,800.00
Total:	$14,400.00

The total cost of the hardware and software used in the pilot demo was $43,128.00.

TECHNIQUES

Introduction to pcARC/INFO

The following section documents the usage of the pcARC/INFO software and provides shortcuts to using the system. It is not intended to replace the ESRI manuals but rather, to be used with the manuals to determine how the pilot demo was constructed. **It is not designed as a "cook book" for those unfamiliar with ARC/INFO but, as "shorthand" for the novice operator.**

Terminology:

Point	- a single x, y coordinate pair that defines the location of a map feature.
Line	- a set of ordered points which are connected and represent a map feature.
Area	- a closed figure bounded by one or a series of line features that enclose a homogeneous area.
Coverage	- a digital version of a map.
Polygon Coverage	- coverage composed of polygon (area) features.
Line Coverage	- coverage composed of linear features.

Point Coverage	- coverage composed of point features.
Network Coverage	- coverage composed of both areas and line features.
Link Coverage	- coverage composed of both point and line features.
Arc	- line feature, the border of a polygon, or both in a coverage.
Polygon	- area feature defined by the set of an area which comprise it's border and a label point within the polygon which is used to assign a USER-ID.
Label Point	- point feature in a point coverage and polygon label point in a polygon coverage.

Each coverage has two components:

1. graphics
2. info files

- the graphics component allows you to draw the coverage to the screen (or send it to the plotter).
- the info files store attribute data for the features in the coverage.

(coverage).TIC	- control points used for future coordinate transformation;
(coverage).BND	- defines boundary of coverage (all features must fall within these limits);
(coverage).PAT	- Point Attribute Table or Polygon Attribute Table (depending on the type of coverage);
(coverage).AAT	- Arc Attribute Table - stores attributes of linear (arc) features;
(coverage).GAT	- Graphics Attribute Table - stores detailed information about feature graphics.

Procedures:

1. Digitizing a map.

Possibly the single most important aspect of digitizing is determining a realistic degree of detail. In many cases it would either be impossible to digitize all of the features on a map or it would take an inordinate amount of time to do so. Prior to digitizing, it is advisable to decide exactly which features on the map that you wish to represent (those that best represent the trends or distribution of features on the map) and the procedure you might use to digitize the chosen features. By doing this you are basically charting a 'plan of attack'.

As a general rule, always digitize a line or a polygon

counterclockwise. If the contour lines of the map are too close together, use mapex * to zoom in on an area before digitizing in order to make sure that the contour lines that you digitize do not cross each other. Make sure that each line with "the same value" but in two different mapex * areas joins because it is a lot easier to clean the unwanted danglers than to join two unjoined lines. Use Vertex (1) to construct the line and node (2) to start a line and to end a line.

Getting Started.

1. Turn on machine (conditioner, drive, monitor and digitizer).
2. When system is "up" go to work area, i.e., CD Coal Work or whatever.
3. Place Info disk in drive.
4. Access Arc/Info by typing 'ARC' [enter].
5. To begin digitizing a coverage type 'ADS (coverage name)' [enter]
   - if this is a new coverage try to choose a name that is representative of that coverage, i.e. 1503 was the name chosen for the coverage representing the 150pach map of seam 3.
6. Register TICS.
   - type '01A' and any number on the spot you select for your tic location
   - type '02A' and any number - at 2nd tic location
   - type '03A' and any number - at 3rd tic location
   - type '04A' and any number - at 4th tic location
   - type '0A' to stop entering tics

   - NB - must have a minimun of 4 tics
     - use section corners as tic locations
     - circle them in pencil on the map

If using a pre-existing coverage, you must digitize TICs that were used in the initial digitizing of the coverage (they will be circled in pencil on the map and should always be a section corner).

RMS error must be less than 0.003; if higher then the locations must be re-digitized.

Once TICs are entered and the RMS is satisfactory the main menu should appear.

7. Set edit distance (search tolerance) - press '8' (options menu), press '3', press '1', then enter an edit distance through keyboard (the distance is usually 0.05).

8. Set snap distance (distance to which points on arcs will snap) from main menu:
   - press '5', press '1'
   - enter distance usually (0.001) using keyboard.

   Set weed tolerance distance in options menu to be the same as the snap distance.
   - press '5', press '1'
   - enter distance (0.001) using keyboard.
   - press '9' to return to main menu.

*if you are editing a pre-existing coverage set the snap (SD) and edit distances (ED) once you have windowed (zoomed in on) the area which you want to edit.
*if you cannot select arcs the machine continues to beep; if arcs won't snap the edit and snap distances are usually too small; reset the edit and snap distances.

9. Digitizing - Arc Coverage
   - at the main menu press '1', this brings up a sub-menu for the addition of arc features.

      (i) set auto increment to '0' - enter '6'0'A' with digitizer
      (ii) set user - ID to whatever value you want by pressing '3' and
           entering the value followed by the letter 'A'

At this point you should digitize all arcs that you want to have that - ID.

e.g. in digitizing a contour map, all lines representing the 150' foot-value contour would have the same ID eg 150.

Try to assign the ID by its contour number because it is unique and representative.

2. 'CLEAN'ing the coverage.
   - this creates nodes at intersections
   - creates attribute table (PAT)
   - always clean the coverage to a different name thus preserving the original data
   - use a relatively small dangle and a very small fuzzy tolerance (unless you are very aware of what cleaning might do to the coverage) e.g. [ARC] clean cov1 cov2 0.05 0 [enter]

command	input coverage	output coverage	dangle length	fuzzy tolerance

3. 'BUILD'ing the coverage with the line option.
   e.g. [ARC] Build cov2 line [enter]
   - creates an ARC attribute table (AAT) for the arcs in the coverage

4. 'TRANSFORM'ing the coverage.
   - enables you to change the coordinate space of a coverage, i.e. from inches (as digitized) to UTM coordinate
      i) [ARC] copycov cov2 cov3 [enter] - this makes a copy of cov2 and calls it cov3

      ii) Tape INFO or TABLES - (username in TABLES or INFO is ARC)
          - must have an INFO disk in A: drive to invoke INFO

      iii) Select cov3.tic [enter] - the file you wish to work on
           Reselect $recno = 0 [enter]

Calc XTIC = (corresponding UTM easting value) [enter]
Calc YTIC = (corresponding UTM northing value) [enter]
Nsel [enter]
Reselect $recno = 2 [enter]
Calc XTIC = (corresponding UTM easting value) [enter]
Calc YTIC = (corresponding UTM northing value) [enter]
Nsel [enter]
*repeat for $recno=3 and $recno=4 and so on.

Once all the TIC values have been calculated,
ASEL - selects all records in the table
LIST - lists the information
Ensure the values are correct.
Type Q STOP - exit INFO or TABLES

iv) [ARC] TRANSFORM cov2 cov3 [enter]

5. Incorporating a Boundary * this is not needed in all cases.
[ARC]:ARCEDIT [enter] (* only if the coverage needs the boundary for editing)
   : display4 [enter] - sets display to monitor
   : editc cov3 [enter] - edit coverage is cov3
   : drawenv ARC [enter] - these features that you wish to have appear on the screen
   : draw - [enter] draws the features in the Drawenvironment
   : editf ARC [enter] - sets the features that you wish to alter to Arcs
   : get (coverage name that contains the boundary) [enter]
      - will bring to cov3 all of the current edit feature elements (ARCS) in the boundary coverage
   : save [enter] - save the changes that you have made to cov3
   : Q [enter] - exits ARCEDIT and returns to ARC

6. [ARC] Clean cov3 cov4 0.05 0 [enter]

7. [ARC]Nodeerr cov4 dangles [enter] - lists all of the dangles in cov4
In order to correct these dangles:

- [ARC] arcedit [enter]
- [ARC] display 4 [enter]
- [ARC] editc cov4 [enter]
- [ARC] drawer ARC NODE DANGLE [enter]
- [ARC] draw [enter] - those features in the Drawenvironment should appear in
- ARCs and dangling nodes - dangles will have red boxes around them
- [ARC] editf ARC [enter]
- [ARC] sel many [enter] , selection menu will come up, place cursor on the dangle that you want to select and enter 1; the dangle will flash; repeat the selection until all dangles are chosen; enter 9 to quit
- [ARC] setdrawsymbol 2 (red) [enter]
- [ARC] drawsel [enter] (all the selected dangles should turn red)
- [ARC] delete - to delete all dangles

- [ARC] save [enter]
- [ARC] quit [enter]

NOTES:

<u>To set edit distance</u>

[ARC] ED [enter] - cursor will appear
- set using arrow key
- point registration by setting any key or spacebar

<u>To set snap distance</u>

[ARC] SD [enter]
- set in a similar fashion as edit distance (as above)

<u>To zoom</u>

[ARC] Mapex* [enter]
- cursor will appear - use to set lower left (ll) and upper right (ur) corners of the rea (box) that you wish to enlarge
- use arrow key to position cursor and any key to register points

[ARC] DRAW [enter]
- will show only the defined area in an enlarged state

*this procedure can be done a number of times

<u>To get out of a zoom</u> (to return to full screen view)

[ARC] Mapex cov 4 [enter] coverage name
[ARC] Draw [enter]

<u>Selection of features</u>

*make sure you have a reasonable edit distance
*make sure that you have the correct edit feature

[ARC] select
- allows the selection of a single feature

[ARC] select all
- select all of the current edit feature elements

[ARC] select many
- allows the selection of one or more features (if you select the wrong feature first, this command allow you to continue selecting features in the area - using the 'NEXT' option - until you select the correct feature)

<u>To draw selected set in another colour</u>

[ARC] setdrawsymbol (colour)

<u>Line colour symbols</u>

1. white(black)	6. light blue	11. vibrant green
2. red	7. magenta	12. vibrant blue
3. green	8. dark grey	13. olive
4. blue	9. light grey	14. light blue (vibrant)
5. yellow	10. pink	15. violet

[ARC]Drawsel - will draw the currently selected set of features

using the currently selected symbols

To remove features from the selected set

Unselect - enable the removal of one feature from the currently selected set
Unselect many - enables the removal of one or more features from the currently selected set

To select the currently unselected set

[ARC]Nsel - selects the currently unselected features e.g. there are 70 features in a coverage; using select many, you select 20 features (they are the currently selected set); if you issue the Nsel command at this point, the previously unselected set (consisting of 50 arcs) becomes the selected set and the previously selected set becomes the unselected set

To add features to the selected set

[ARC] Asel - stands for all select
- will select all elements of the current edit features in the coverage

[ARC] Asel one - will add one element to the currently selected set

[ARC] Asel many - allows the addition of one or more elements to the selected set

8. [ARC] Build cov4 - builds coverage with 'poly' default option
Build cov4 line - builds coverage with 'line' option
Build cov4 point - builds coverage with 'point' option

9. Check to make sure that there are no node errors
i.e. [ARC] nodeerr cor4 dangles [enter]
- when all nodeerrors (dangles) have been removed, proceed to step 10

10. [ARC] additem cov4.AAT cov4.AAT level 4 5 B

command	input cor	output cor	item name	input width	output width	item type

[ARC] additem cov4.AAT cov4.AAT value 8 9 N 2 [enter]
↑
# of decimal places

- by issuing these commands, you are adding two new items to the arc attribute table (AAT) of the cov4

11. [ARC] Build cov4 line [enter] - this includes the added items in the info files (topology) of cov4)

12. Update/calc values for .AAT
(cov4.AAT)

cov4 #	Cov4-ID	level	value	this table represents the last
1	325			4 items in the cov4.AAT info
2	300			file after step 11

3	450
4	475
5	350
6	500
7	500
8	425
9	375

in order that you might fill in level and value information, it is perhaps easiest to create a chart as below.

This table was built by determining the minimum and maximum values of the arcs that were digitized and assigning 'levels' to them.

In order to enter this information into the INFO table you can, in this case, enter the following command
[Command] Resel cov4-ID = 300 [enter]

Level	Value
1	3.00
2	3.25
3	3.50
4	3.75
5	4.0
6	4.25
7	4.50
8	4.75
9	5.0

[Command] calc value = cov4-ID/100 [enter]
[Command] Nsel [enter]
[Command] list - you should see the value column has been fit in and has the correct map values - i.e. the decimals are in the correct place

In order to determine 'levels' for the data you do the following:

[Command] Resel value = 3.0 [enter] - will reselect all arcs with values = 3.0
[Command] calc level = 1 [enter]
[Command] nsel [enter]
[Command] resel value = 3.25 [enter]
[Command] calc level = 2 [enter]
[Command] nsel
- repeat for all values and levels

At this stage, all records should have levels and values.

<u>To change ARC-ID's</u> (still in the INFO mode)

[Command] Sel cov4.AAT (or Asel the remaining arcs in the cov4) [enter]
[Command] calc cov4-ID = cov4-ID +100 [enter]
[Command] calc cov4-ED = cov4 # [enter]
[Command] Q stop [enter]
- your INFO tables should now be completed (for as far as we have gone)

13. In order for ARC/INFO to realize that you have changed ARC-IDS in INFO, you must enter the following command:
[ARC] idedit cov4 line [enter]
- if you do not use this command to update, the ARC-ID's of the ARC/INFO becomes confused and does not correct attributes for arcs

14. Now check and make sure that all arcs have the correct values in ARCPLOT [enter]
[ARC] arcplot [enter]

```
[ARC] display 4 [enter]
[ARC] mapex cov4 [enter]
[ARC] resel cov4 line value = 3.0 [enter]
                  (or level=1)
[ARC] linec 2
[ARC] arcs cov4
[ARC] clearsel
```

will draw selected arcs in selected colour (red)

```
[ARC] resel cov4 line value = 3.25 [enter]
[ARC] linec 3
[ARC] arcs cov4
[ARC] clearsel
```

repeat for all the values or levels until all the arcs are checked

15. [ARC] createlabels cov4 - [enter] this places label points in each of the polygons in cov4 at one time
    - label may also be added in ADS or ARCEDIT but the 'createlabels' command may save some time and effort

16. [ARC] addition cov4.pat cov4.PAT class 4 5 B [enter]
    [ARC] addition cov4.pat cov4.PAT cvalue 8 9 C [enter]
    [ARC] addition cov4.pat cov4.PAT vmax 8 9 N 2 [enter]
    - this adds 3 items to the .PAT (Polygon Attribute Table) of the cov4

17. [ARC] build cov4 [enter] - builds cov4 with polygon default option
    - it is necessary to build topology after entering 'create labels' and 'additem' commands

18. Correcting labelerrors
    - go into ARCedit, type drawenv arc label and editf label, and see if each label point corresponds to a polygon on the hardcopy map
    - if a label point appears where there is no polygon on the hardcopy map, a sliver polygon exists in the digitized map - correct this whenever it occurs

19. [ARC] build cov4 [enter] - after correcting the labelerrors
    - this step isn't necessary if there were no labelerrors to correct

20. Update/calc values for the .PAT
    Construct a table as below

Class	Cvalue	Vmax
1	<3.0	3.0
2	<3.25	3.25
3	<3.50	3.50
4	<3.75	3.75
5	<4.0	4.0
6	<4.25	4.25
7	<4.50	4.50
8	<4.75	4.75
9	<5.0	5.0

- this will enable you to clarify the polygon

```
10      <5.25     5.25
```

- in order to assign classes to the .PAT, go into
  [ARC]arcedit [enter]
  display 4 [enter]
  editc cov4 [enter]
  drawenv ARC LABEL [enter]
  draw [enter]
  editf label [enter]
- select each label and use the 'calc' command to assign the correct 'class' for the polygon (from the above table in conjunction with the hard copy map)

N.B. Before you start assigning classes to polygons, you should select all labelpoints and calculate their class to =0. By doing this, when you assign classes to label points individually and redraw, you can easily determine which label points don't have a class =0 (i.e. the ones for which you have assigned the correct class). This is achieved by using the setdrawsymbol and drawsel commands.

21. After assigning 'class' as in arcedit - exit and build cov4 line enter INFO or TABLES and assign appropriate values to cvalue and vmax
    i.e. sel cov4.pat [enter]
    list - the table should have the 'class' item filled in for all but the first polygon
    resel class = 1 [enter]
    calc vmax = 3.0 [enter]
    move '<3.0' to cvalue [enter]
    nsel [enter]
    resel class = 2 [enter]
    calc vmax = 3.2 [enter]
    move '<3.2' to cvalue [enter]
    etc.

22. Arcplot - check to make sure that all polygons have the value (class) that they should have by comparing it with the hardcopy map.

Map Composite

Arcplot [enter] → Display4 [enter]
1. Pagesize 20 20 ← define the actual pagesize [enter]
2. Map [coverage] ← a new name for the plot file [enter]
3. Mapex [old coverage] ← coverages that will be used for the map composite [enter]
4. Box 0 0 20 20 ← draw a box [enter]
5. mbegin ← to Section all elements into 1 Section [enter]
6. Mapangle (+ or - n degree) [enter]
7. Arc [old coverage] [enter]
8. Resel [coverage] polys class=1 [enter]) colour all class=1
9. Polygonshades [coverage] 2 [enter]) with red
10. Clearsel [enter] etc.
11. Mend ← finish Sectioning [enter]
12. Mfit ← to specify the size of the map (may not be necessary) [enter]

13. Mmove ← to reposition the map [enter]
14. Mfresh ← will draw all elements 1 by 1 [enter]
15. text size 0.2 0.2 [enter]) specify the size of text, decide
16. move x y or move * [enter]) where to put the text and enter
17. text 'anything' [enter]) the actual text

N.B. Msel - to select a map element which will be moved or deleted
Mdelete - to delete a specified or the latest map element

To overlay a second map during the map compositing

1. Mapex [coverage1] [coverage2] [enter]
2. Mapangle -0.5 [enter] ← make sure that the new coverage has the same angle as the old coverage
3. Arcs [coverage] [enter]
4. Mfit [enter] ← if it is too big

To create a legend

1. Quite from the map compositing
2. NE ← enter into the Norton Editor
3. filename.key ← use .key as an extention for legend file
4. .42 [enter] ← the period (.) tells the computer that the following number is not text. 42 is the symbol number
5. text [enter] ← texts for the symbol
6. etc.
7. F3 + E (to exit and save)
   or F3 + Q (to exit and not save)

To plot the legend

1. Arcplot [enter] → display 4 [enter]
2. use the same pagesize as the map which you are adding the legend
3. Map [coverage name] ← the name of the map [enter]
4. textsize [width] [height] [enter]
5. keyposition * ← lets you specify the position [enter]
6. keybox 0.2 0.2 ← most frequently used sizes [enter]
7. keyseparation 0.15 0.15 ← most frequently used spaces [enter]
8. keyshade filename.key (to shade the box) [enter]
9. quit [enter]

To plot a completed coverage

1. get into Norton Editor (NE)
2. filename .sml [enter]

For Calcomp plotter

3. display 1039 [enter]
4. filename.plt ← create a plot file for the calcomp [enter]
5. pagesize ← use the same pagesize as the coverage has [enter]
6. maplimit [enter] ← use the same maplimit as the coverage if it has one. Specify only when the coverage has one.
7. plot ← [coverage file] ← map composite file

8. map [enter]
9. Q [enter]
10. arcplot [enter]
11. &run filename.sml [enter]
12. draw filename.plt ← to draw plot on screen [enter]
13. plot (to plot on calcomp) [enter]

For the PaintJet printer

3. display 1 [enter]
4. pagesize ← same size as the coverage [enter]
5. maplimit ← specify only when the coverage has one [enter]
6. plot [coverage file] ← the map composite file [enter]
7. map [enter]
8. quit [enter]
9. arcplot [enter]
10. @filename.sml [enter]

To define and to clean danglers

1. <ARC> clean test2 test 3 0.05 0 [enter]
2. <ARC> nodeerr test3 dangles [enter]
3. <ARC> arcedit [enter]
4. display4 [enter]
5. editc test3 [enter]
6. drawenv arc node dangle [enter]
7. draw [enter]
8. mapex * [enter] - zoom in (only if there are too many dangles in one area)
9. ed (edit distance) use the narrow keys [enter]
10. SD (snap distance) use the narrow keys [enter]
11. setdrawsymbol 1 (black on paper - white on monitor) [enter]
    2 (red) [enter]
    3 (green) [enter]
    4 (blue) [enter]
12. editF arc [enter]
13. selmany [enter]

N.B. if you select a wrong line or dangle, use (2) "next" to correct it.
unsel - to unselect the wrong dangles or lines

14. drawsel - to highlight your selection (dangles)
15. delete - to delete the dangles

To transfer coverages from the mainframe ARC/INFO to the pcARC/INFO

Part 1

1. sign on the mainframe ARC/INFO
2. select coverage to be transferred
3. convert coverage to the interchange file using: export cover [input file] [inter_file] N (no compress) [enter]
4. quit from the ARC node
5. enter into kermit
6. send [inter_file] [enter]

7. enter the name of the received file
8. insert disc into A driver → use this only when your PC doesn't connect to the mainframe
9. get out of kermit and return to DOS
10. copy file to drive A at the Xtalk mode

Part 2

1. insert disc into the PC which has the pcARC/INFO
2. use the import command at the ARC node
   import cover a:/filename output filename [enter]

Transforming ASCII, SDF, 20/20, DIF and SYLK files into INFO files

1. create an empty INFO file using Define at the INFO mode
   define name.dat (see page 4-9 to 3-11 of the PC INFO user's guide)
2. at the INFO node type: (see 5-9 to 5-11 of the INFO exchange)
   (a) select name.DAT (an empty file - template) [enter]
   (b) import 'sample.1' dif [enter]
   (c) list (name.DAT should have new records now) [enter]

Joining polygons with databases imported from different systems

1. at ARC node type

	[in_file]	[join_file]	[out_file]
joinitem	coverage.PAT (or AAT)	name.DAT (above)	coverage.PAT

   (or AAT) [relate_item] [start_item]

N.B. The field width of the relate_item must be the same in both [in_file and [join_file]

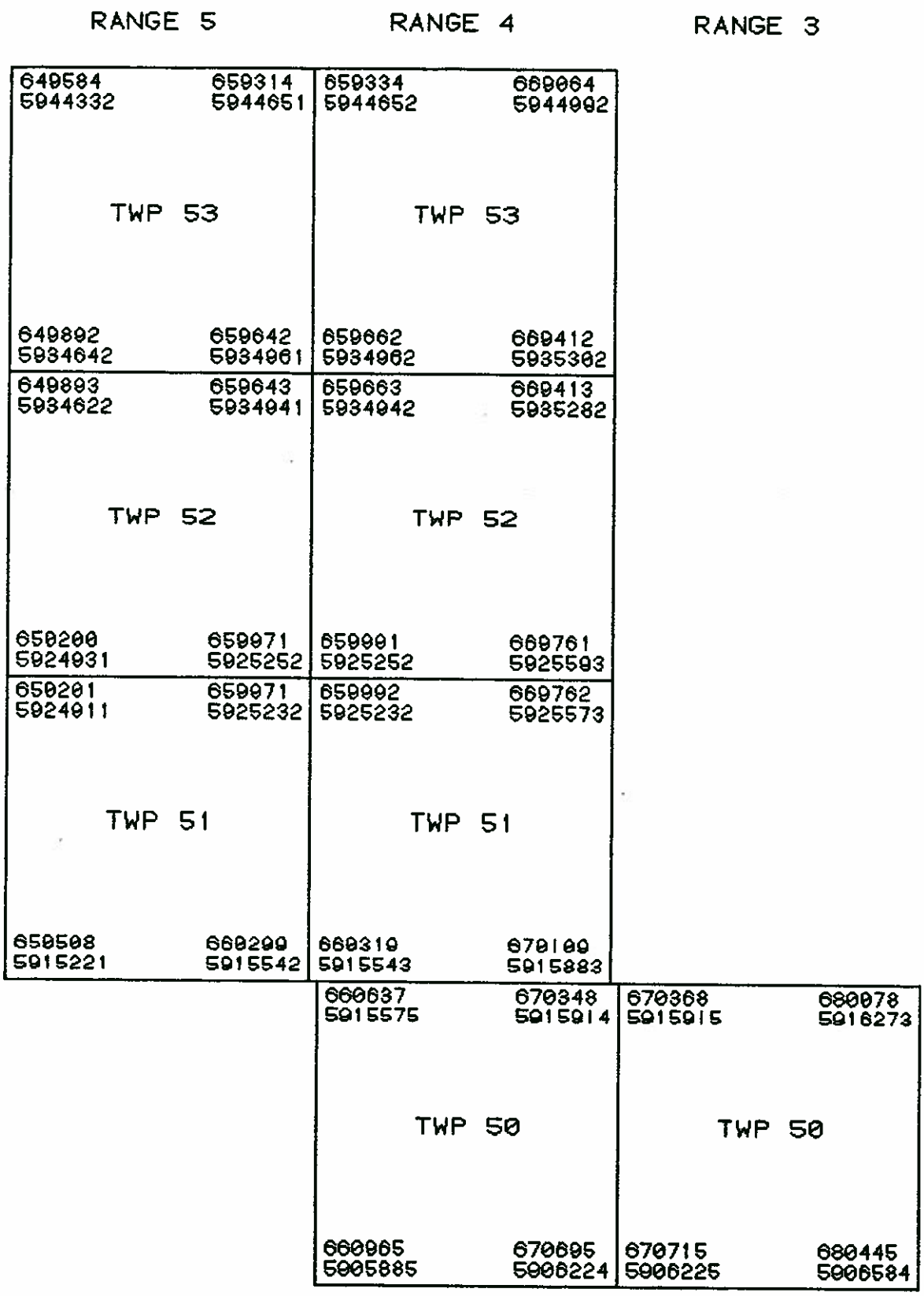
2. enter TABLES to check the PAT or AAT file of the new coverage

Transforming a coverage from 10 TM to 6 TM

1. make sure all tics will fall in the same 6th zone. If they don't, which means they are too far apart, delete the old tics at the <arcedit> and add 4 new ones. If you need reference area/point from another coverage, use <get> filename to bring it in.
2. to delete tics
   <arcedit> editf tics [enter]
   <arcedit> sel all [enter]
   <arcedit> delete [enter]
3. to add new tics
   <arcedit> add [enter]
4. position the cursor at the right place and enter 1
5. repeat step 4 until all 4 or more tics are entered
6. enter 9 to quit adding tics
7. if you have brought in a coverage as reference for your new tics, use command 'removeback' to remove it before quitting the session
8. get into Titan's [coalgis.chao]
   - sign on to Titan and enter coaldata at user's name
   - ask Mandryk or Chao for password
   - set def [.chao] [enter]

- R driver - a program that will convert your 10 TM to lat, long [enter]
- R lat - 6 TM - a program that will convert lat, long to 6 TM [enter]
- type for1.dat to view the result

9. get back to ARC/INFO
10. copycov coverage1 coverage2 [enter]
11. tables ARC [enter]
12. sel coverage2.tic [enter]
13. resel $recno = 1 [enter]
14. calc XTIC = new 6 tm easting [enter]
15. calc XTIC = new 6 tm northing [enter]
16. nsel [enter]
17. repeat step 13 to 16 until all new coordinates are entered [enter]
18. Q stop [enter]
19. transform coverage1 coverage2 [enter]



TOWNSHIP CORNERS IN UTM

Figure 3. Township corners in UTM.

DATA SOURCES

ALBERTA BUREAU OF MAPPING

The digital base map information was obtained from the Alberta Bureau of Survey and Mapping (ABSM). The information is from digitized NTS 1:250 000 and 1:1 000 000 scale maps. The base information is accurate and diverse (tables 3 and 4) providing an excellent base of information. The information forms a major part of the pilot demo (figure 2 and appendix 3). The ability of the GIS software to use reliable locational information such as the Alberta Township Survey (ATS) township corners (figure 3) as templates for new maps was advantageous in developing the demo.

Table 3.

ALBERTA BUREAU OF MAPPING DATA*

Level	Coverage	Feature
1	ATS	Township Boundaries
2	ATS	Unsurveyed Township Boundaries
4	ATS	Section Boundaries
5	SET	Metis Settlement
6	SET	Indian Reserves
8	SET	City Boundaries
15	SET	Provincial Park Boundaries
20	RIV	Double Line River - Perennial River
23	RIV	Single Line River - Perennial River
24	RIV	Perennial River - Tributary
25	RIV	Perennial River - Minor Tributary
26	LAK	Lake Shorelines
27	LAK	Lake Shorelines - Intermittent
30	HWY	Paved Prime Highway
31	HWY	Paved Secondary Road
32	HWY	Dual Highway - Paved
33	HWY	Gravel - Secondary Road
35	HWY	Improved Road
36	HWY	Unimproved Road
37	HWY	Truck Trail/Cart Track
39	SET	Railway
40	MDB	Municipal Boundaries (Counties)
50	ATS	Map Boundaries
51	ATS	Marks indicating 50,000 NTS Units

***Note:** **Levels were received from ABSM without documentation; features were derived from NTS mapsheets and may be in error.**

Table 4.

ABSM COVERAGES

ATS Coverage

Level	# of Records	Feature
1	1939	Township Boundaries
2	30	Unsurveyed Township Boundaries
4	8915	Section Boundaries
50	620	Map Boundaries
51	32	Marks indicating every 50,000 NTS units on easting & northing - i.e. 600000E, 650000E 5900000MN. 5950000MN
		MDB Coverage
40	164	Municipal Boundaries (Counties)
		SET Coverage
5	27	Lac Ste. Anne Settlement - HBC Reserve (Metis Settlement?)
6	49	Indian Reserves
8	49	City Boundaries (?)
15	59	Provincial Park
39	249	Railway
		HWY Coverage
30	384	Road - all-weather, hard surface, 2 lanes Paved, Prime Highway
31	3	Paved Secondary Road
32	10	Dual Highway - Paved
33	115	Gravel, Prime Highway
34	311	Gravel, Secondary Road
35	2591	Improved Road
36	1858	Unimproved Road
37	869	Truck Trail/Cart Track
		RIV Coverage
20	180	Double Line River - Perennial River
23	5	Perennial River - Single Line River
24	1391	Perennial River - Tributaries
25	1115	Perennial Minor Tributaries
		LAK Coverage
26	632	Lake Shorelines
27	132	Lake Shorelines - Intermittent

Conversion of ABSM Supplied SIF/ASCII to Arc Format (UTM Co-ordinates)

1. SIFARC Conversion
   SIFARC (Filename)(Output Coverage) 1006720 Line
2. Build (coverage) line
3. Copycov (coverage) (coverage)1
4. Info
   Select Cov1.T1C
   Calc XTIC = XTIC + 2147483647.000
   Calc YTIC = YTIC + 7147483647.000
   Calc XTIC = XTIC (÷)1000
   Calc YTIC = YTIC (÷)1000
5. Transform (coverage) (coverage)1
6. Build (coverage)1 Line
7. Renamcov (coverage)1 (coverage)2
8. Additem (coverage)2.AAT (coverage)2.AAT Level 45B
9. Build (coverage)Good Line
10. Info
    Sel (coverage)2.AAT
    Rel (coverage)2.GAT by (coverage)2# with Link
    Calc Level = $1 Level
11. Kill (coverage)All

ENERGY RESOURCES CONSERVATION BOARD (ERCB)

Two types of ERCB data were used for the demo; the coal permit and coal mine graphic files; and the oil and gas well locations from the ERCB well data file. The two types of data were transformed and imported to pcARC/INFO using a number of small custom formating programs written in fortran. When the data files were in a format that pcARC/INFO could recognize they were coverted to coverages.

Format of the ERCB Data

The data is provided in three standard VAX/VMS files on tape at 6250 bpi. The file names, in the order that they appear on the tape are cmg.out, bs2.out and cbl.out. The files contain variable length records with a maximum record length of 313 bytes. The format of the records in these files is described in the following section.

1. LINE

1.1	CODE	cc 01-04	I4	The code for LINE records is "3".
1.2	LEVEL	cc 05-07	I3	Level or data type number of graphic element
1.3	LINE CODE	cc 08-10	I3	Line code of graphic element
1.4	START X CO-ORD	cc 11-21	F11.3	Meters
1.5	START Y CO-ORD	cc 22-32	F11.3	Meters
1.6	STOP X CO-ORD	cc 33-43	F11.3	Meters
1.7	STOP Y CO-ORD	cc 44-54	F11.3	Meters

2. ARC

2.1	CODE	cc 01-04	I4	The code for ARC records is "16".

2.2	LEVEL	cc 05-07	I3	Level or data type number of graphic element
2.3	LINE CODE	cc 08-10	I3	Line code of graphic element
2.4	START X CO-ORD	cc 11-21	F11.3	Meters
2.5	START Y CO-ORD	cc 22-32	F11.3	Meters
2.6	START ANGLE	cc 33-40	F8.3	Degrees
2.7	SWEEP ANGLE	cc 41-48	F8.3	Degrees
2.8	RADIUS	cc 49-59	F11.3	Meters

3. TEXT

3.1	CODE	cc 01-04	I4	The code for TEXT records is "17".
3.2	LEVEL	cc 05-07	I3	Level or data type number of graphic element
3.3	LINE CODE	cc 08-10	I3	Line code of graphic element
3.4	START X CC-ORD	cc 11-21	F11.3	Meters
3.5	START Y CC-ORD	cc 22-32	F11.3	Meters
3.6	TEXT ANGLE	cc 33-40	F8.3	Degrees
3.7	TEXT HEIGHT	cc 41-47	F7.3	Meters
3.8	TEXT WIDTH	cc 48-54	F7.3	Meters
3.9	NUMBER OF CHARS	cc 55-57	I3	Maximum value is 80
3.10	FILLER	cc 58	X	
3.11	TEXT	cc 59-138	80A1	This is a varying length record.

4. SYMBOL (CADASTRAL)

4.1	CODE	cc 01-04	I4	The code for symbol records is "2".
4.2	LEVEL	cc 05-07	I3	Level or data type number of graphic element
4.3	LINE CODE	cc 08-10	I3	Line code of graphic element
4.4	START X CO-ORD	cc 11-21	F11.3	Meters
4.5	START Y CO-ORD	cc 22-32	F11.3	Meters

5. NON-GRAPHIC DATABASE ELEMENTS

5.1	CODE	cc 01-04	I4	The code for NON-GRAPHIC records is "18".
5.2	LEVEL	cc 05-07	I3	Level or data type number of graphic element
5.3	LINE CODE	cc 08-10	I3	Line code of graphic element
5.4	START X CO-ORD	cc 11-21	F11.3	Meters
5.5	START Y CO-ORD	cc 22-32	F11.3	Meters
5.6	TEXT ANGLE	cc 33-40	F8.3	Degrees
5.7	TEXT HEIGHT	cc 41-47	F7.3	Meters
5.8	TEXT WIDTH	cc 48-54	F7.3	Meters
5.9	NUMBER OF CHARS	cc.55-57	I3	Maximum value is 255
5.10	FILLER	cc 58	X	
5.11	TEXT	cc 59-313	25A1	This is a varying length binary (unformatted record)

Note: This record type will follow the graphic element that this data is associated with. If more than one graphic element share a

database element then that data will be replicated for each graphic element. The level and line code fields are described below.

Level	Line Code	Meaning
12	13	Restricted Development Area
	15	Federal Park Boundaries
	16	Provincial Park Boundaries
	17	Indian Reserves
	18	Military Reserves
	19	Roads
	20	Railways
14	1	Surface Mine
	2	Underground Mine
	3	Uncertain Mine Location
	5	Mine Symbol Number
23	4	Mine Licence/Permit Number
	5	Mine Number
	24	Licences
	25	Permits
	26	Mined Out Areas

The text field of a nongraphic database record where the level = 14 is formatted as:

10 A	Underground Mine
10 A	Surface Mine
10 A	Uncertain Mine
1 X	Filler

The text field of a nongraphic database record where the level = 23 is formatted as:

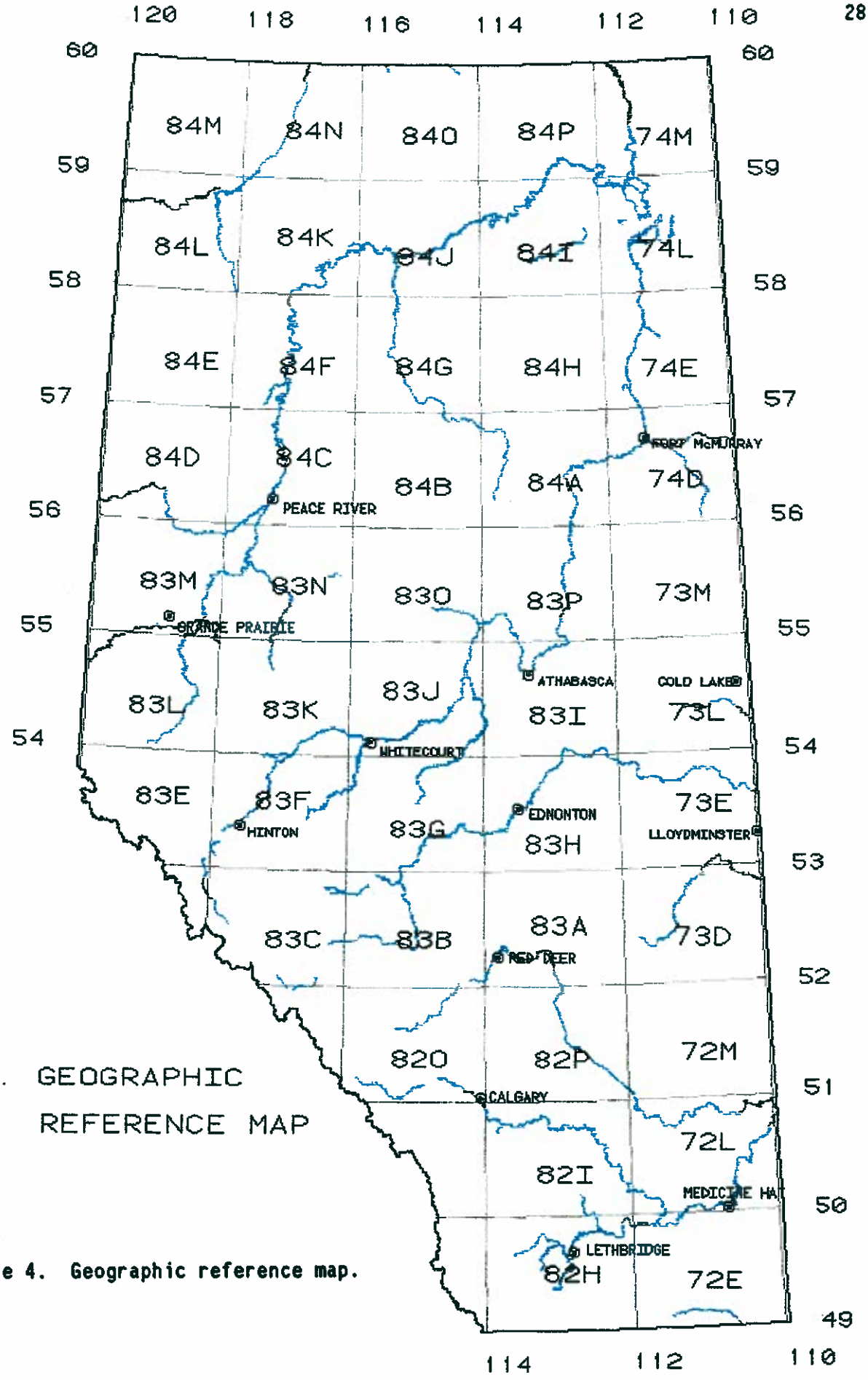
15 A	Mine Number
14 A	Licence Number
14 A	Permit Number
1 X	Filler

TRANSALTA UTILITIES (TAU)

Much of the coal and geological information was supplied by TAU. Most information was in hardcopy map form and required digitizing. Some information, particularly the coal quality information from Highvale, was in digital form; and was imported directly to PC INFO.

OTHER

Selected information from literature (Mills, 1987) and public maps (Alberta Energy, 1986) was collected and digitized. Based on Alberta Energy maps, coal lease information was digitized for NTS map sheet 83G.



MAP 1. GEOGRAPHIC REFERENCE MAP

Figure 4. Geographic reference map.

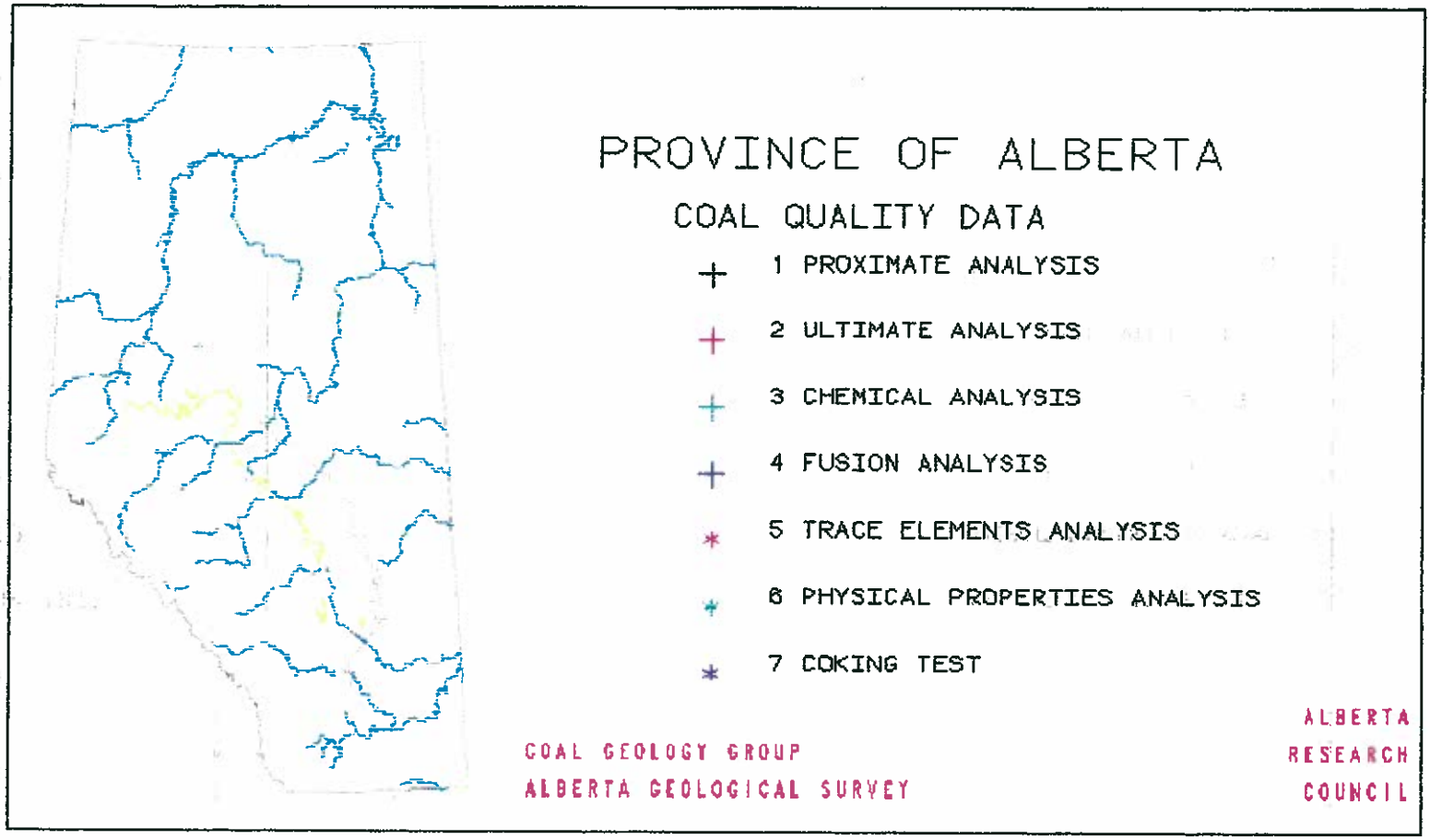


Figure 5. Provincial coal quality query screen.

USING THE PILOT DEMO

STARTING THE DEMO

Instructions for starting the demo can be found in Appendix 1. Within the demo it is possible to go to any level, print a map, query the data or quit without any knowledge of pcARC/INFO commands.

LEVEL 1: PROVINCIAL SCALE

The system can be queried for available information; figures 4 and 5 provide two views of base map information contained in the system.

Figure 4 contains the outlines of the 1:250 000 NTS map areas in Alberta with major cities and rivers providing a geographic reference. In addition, the provincial boundaries and lines of latitude/longitude are shown. Some of this information was also used in constructing the coal quality query screen shown in figure 5.

Figure 5 shows the subcrops of the Ardley and Horseshoe Canyon coals and indicates presence of available coal quality information. Items can be queried individually for the whole map area or for a small subarea by using the "zoom" function of pcARC/INFO. Individual data locations or alternately, all locations selected can have attribute information displayed as tables. The attribute information is attached to the data locations. In the Coal demo only the ERCB and AGS Coal Data Base (Richardson et.al., 1989) ID-key numbers are available. In addition, more than one type of information can be queried and displayed at once. Boolean operations are also possible. Figure 6 displays locations with proximate analysis data and trace element analysis. A hardcopy plot or a quick colour screen dump, such as figure 6, can be produced at any time at any menu level.

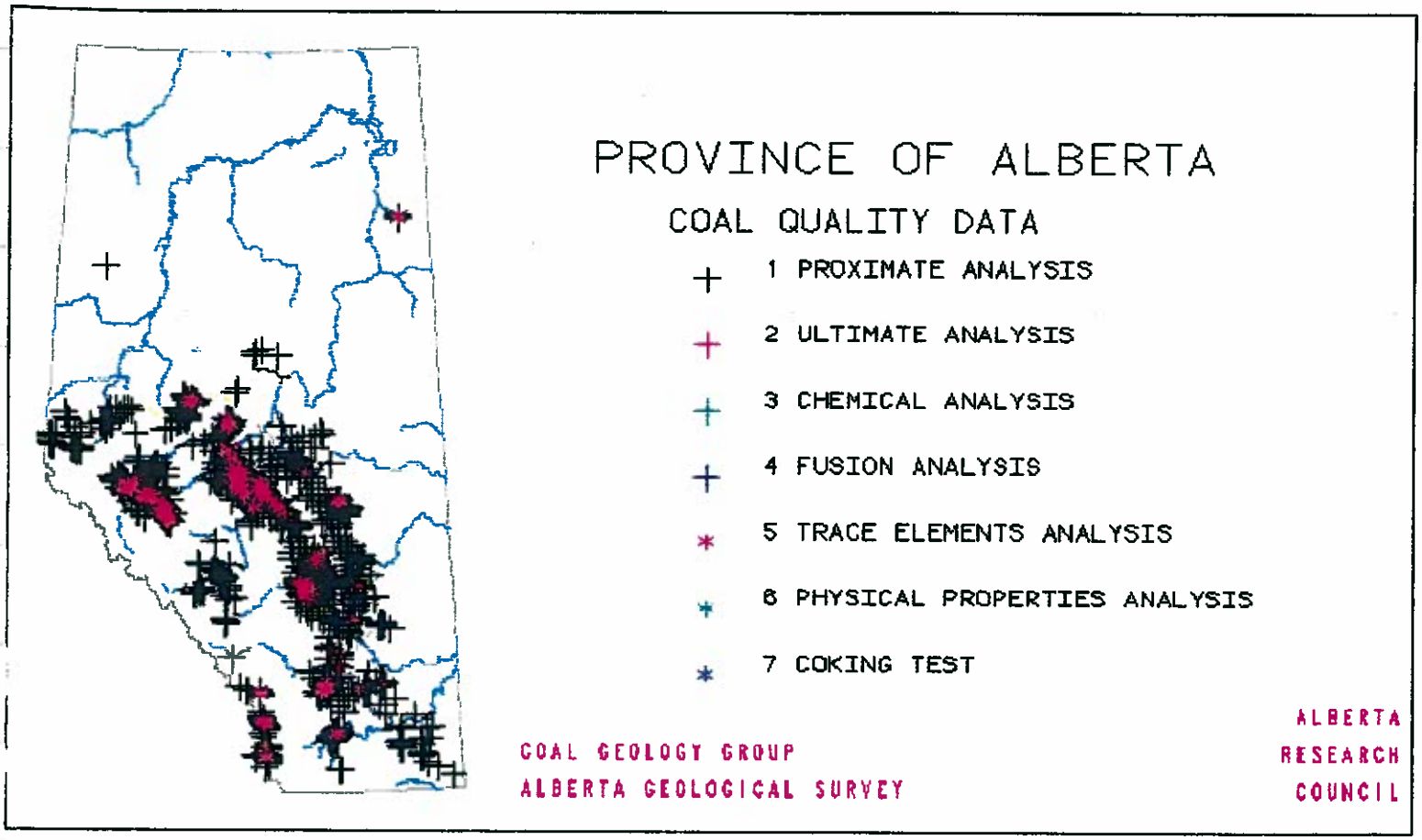


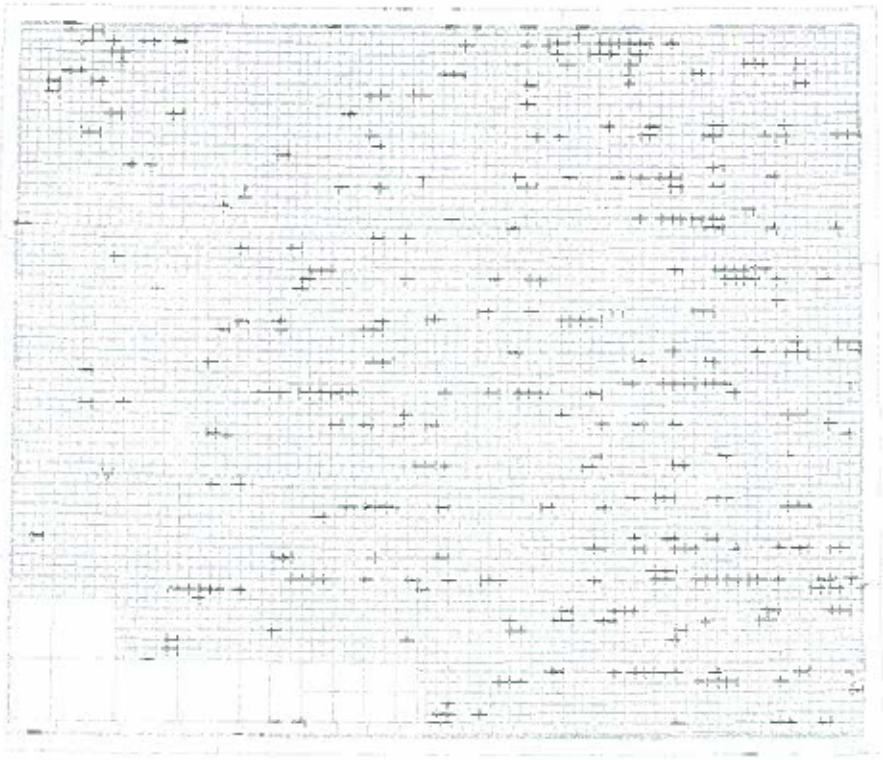
Figure 6. Proximate and trace element data distribution.

LEVEL 2: NTS 1:250 000 SCALE MAP AREAS

Provincial base map information such as lakes, rivers, and township grids (tables 3 and 4) is now available in a digital form from ABSM at a 1:250 000 scale. New digital maps at a scale of 1:20 000 will become available for the whole province gradually during the next decade; at present, less than half the province is available at the 1:20 000 scale. The base map information for Levels 2, 3 and 4 is based on the ABSM 1:250 000 scale data.

Figure 7 shows the Alberta Township Grid from ABSM. Once loaded into ARC/INFO the data can be used as a locational base for any subarea (figure 3). Other hardcopy maps, such as coal leases, can be digitized and integrated with the data (figure 8). Again, the data can be queried using the cursor and zoom feature; the data can also be used for further analysis or overlay creation.

Figure 9 is a screen dump of a 1:250 000 scale plotfile map that contains additional information legend not included in figure 8. The two figures showing the same information demonstrate both the capability and flexibility of the software to produce on-screen and/or hardcopy map products. Much more information can be displayed on the larger format hardcopy.



ALBERTA TOWNSHIP SURVEY

GRID FOR 83G

COAL GEOLOGY GROUP
ALBERTA GEOLOGICAL SURVEY

ALBERTA
RESERACH
COUNCIL

Figure 7. Alberta Township Survey for NTS Sheet 83G.

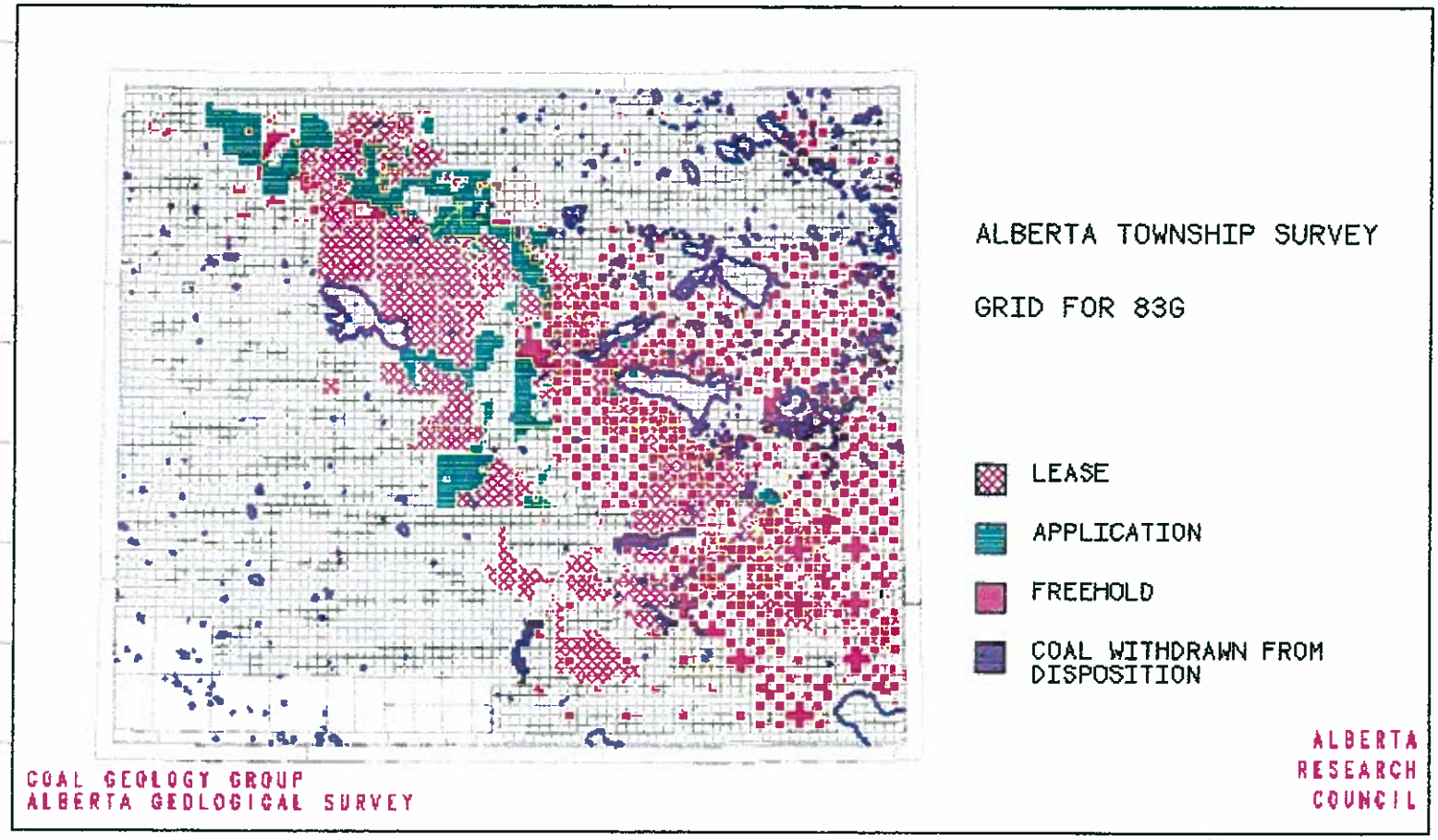


Figure 8. Coal lease data for NTS Sheet 83G.

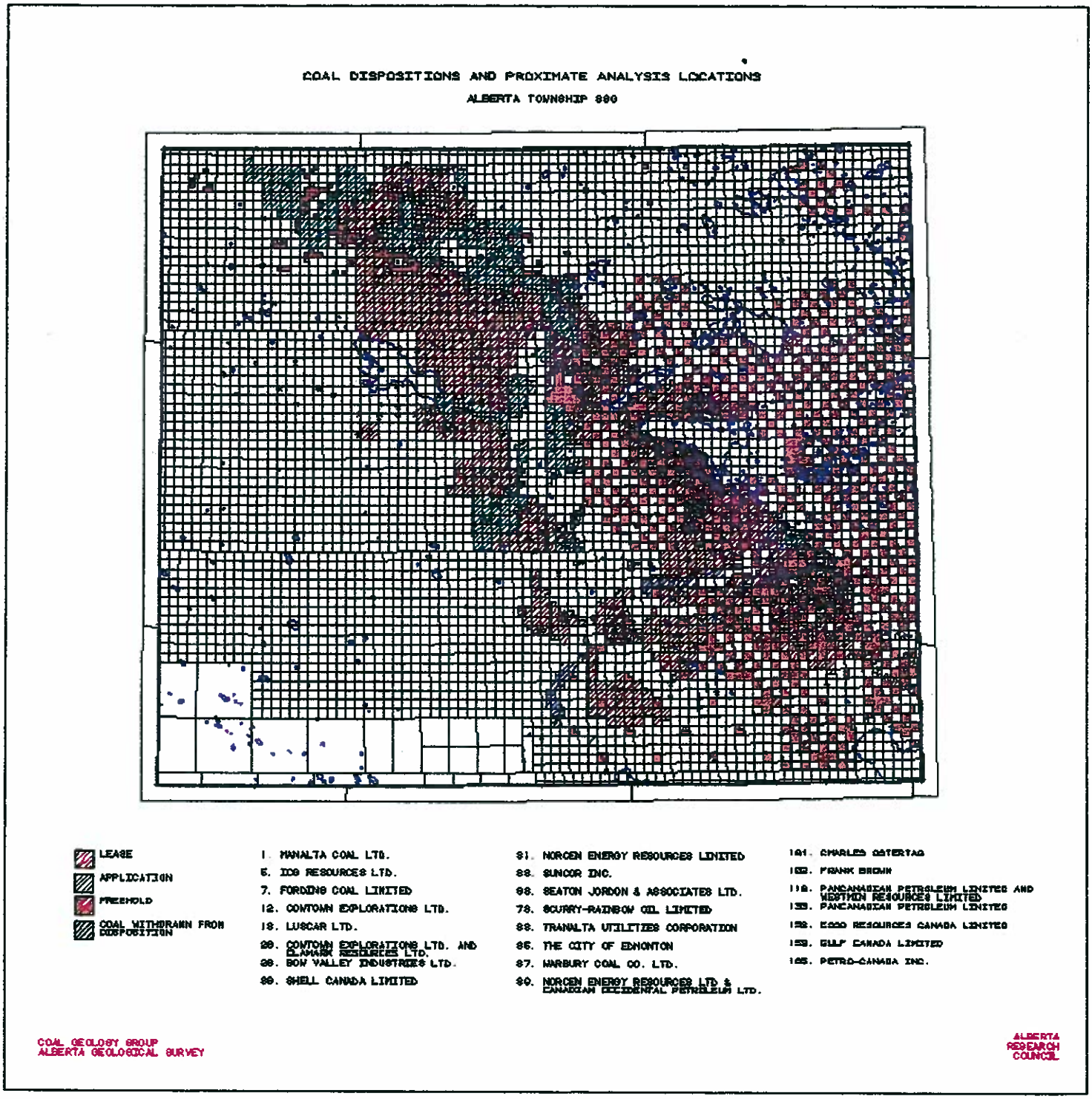


Figure 9. Plotfile map of coal lease data; NTS Sheet 83G.

LEVEL 3: SUBREGIONAL STUDY AREAS

The area selected for the pilot project demo's subregional study was the major thermal coal mining region near Lake Wabamun, west of Edmonton. At Level 3, provincial information can be merged to mine scale for overview display and analysis.

Based on the ABSM 1:250 000 digital data, details of the hydrography and its relationship to section outlines has been displayed in figure 10. Digital information on licenced areas (green) and oil and gas well locations (red dots) have been imported from the ERCB digital files. A 400 m development buffer zone for each oil and gas well has been automatically produced by the software. This demonstrates how GIS can be used to identify areas where resource development conflicts may occur between existing oil and gas wellsites (active or abandoned) and future coal mining. The demo can be queried on specific information related to the nature, status and ownership of the oil and gas wells. Abandoned or active wells can be easily distinguished. Since well status and licence information is available digitally the information can be easily updated.

Figure 11 demonstrates surface feature information (the wellsites) being integrated with subsurface resource information (coal isopachs) for use in resource management and/ or planning activities. Figure 11 shows the number of oil and gas wells and their areal distribution; the extent of potential resource conflict in terms of various seam thicknesses (Seam 1) and a radii of influence (400 m buffer zones) around each wellsite. The Seam-isopachs have been taken from Level 4 (the mine scale maps). On figure 11, the licence areas shown on figure 10 have been replaced by the actual mined out areas to demonstrate how different map elements can be combined. The colour of the well buffers were changed to black for clarity and to demonstrate how any polygon, line, or point can be modified.

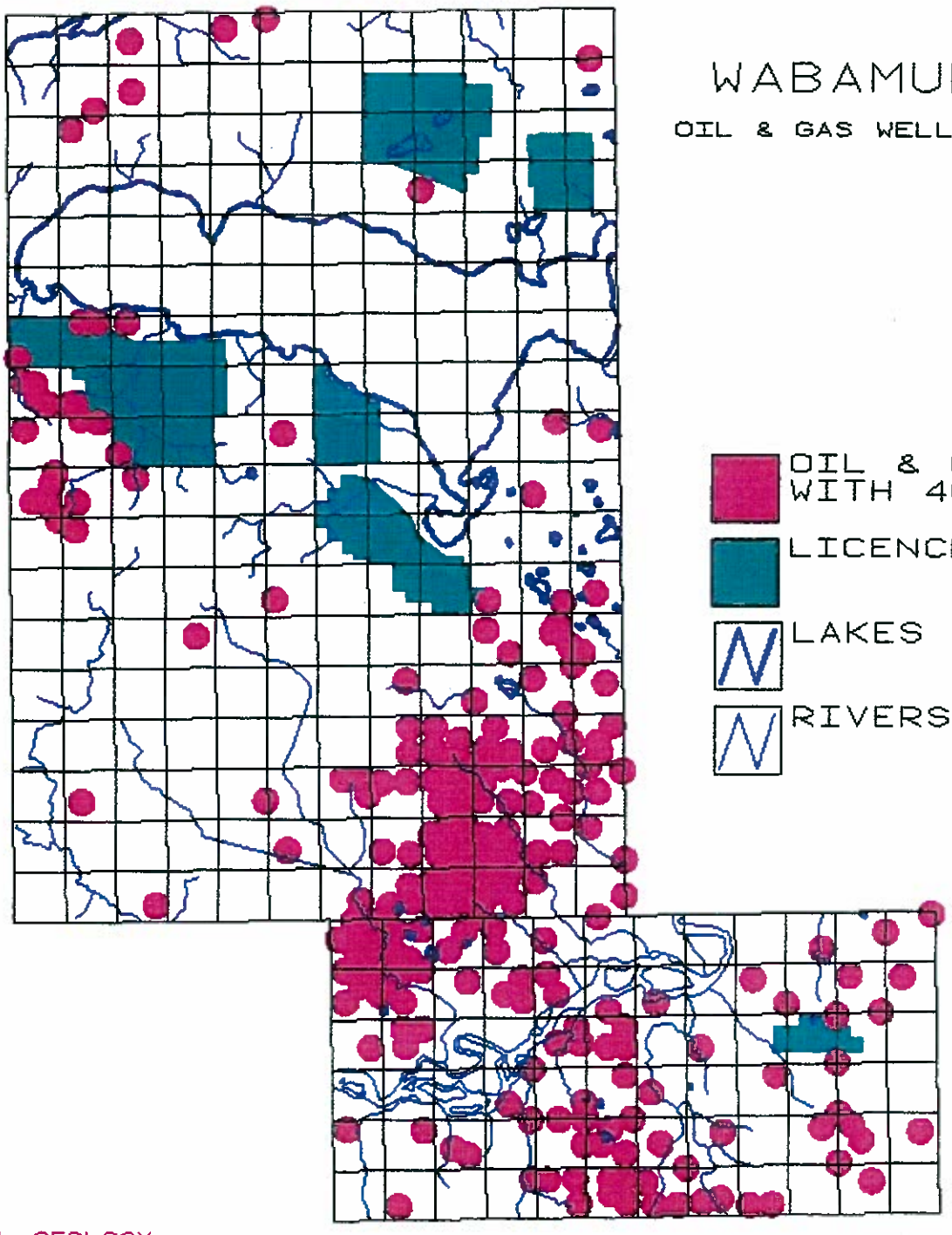


Figure 10. Oil and gas well 400 m buffers, Wabamun Area.

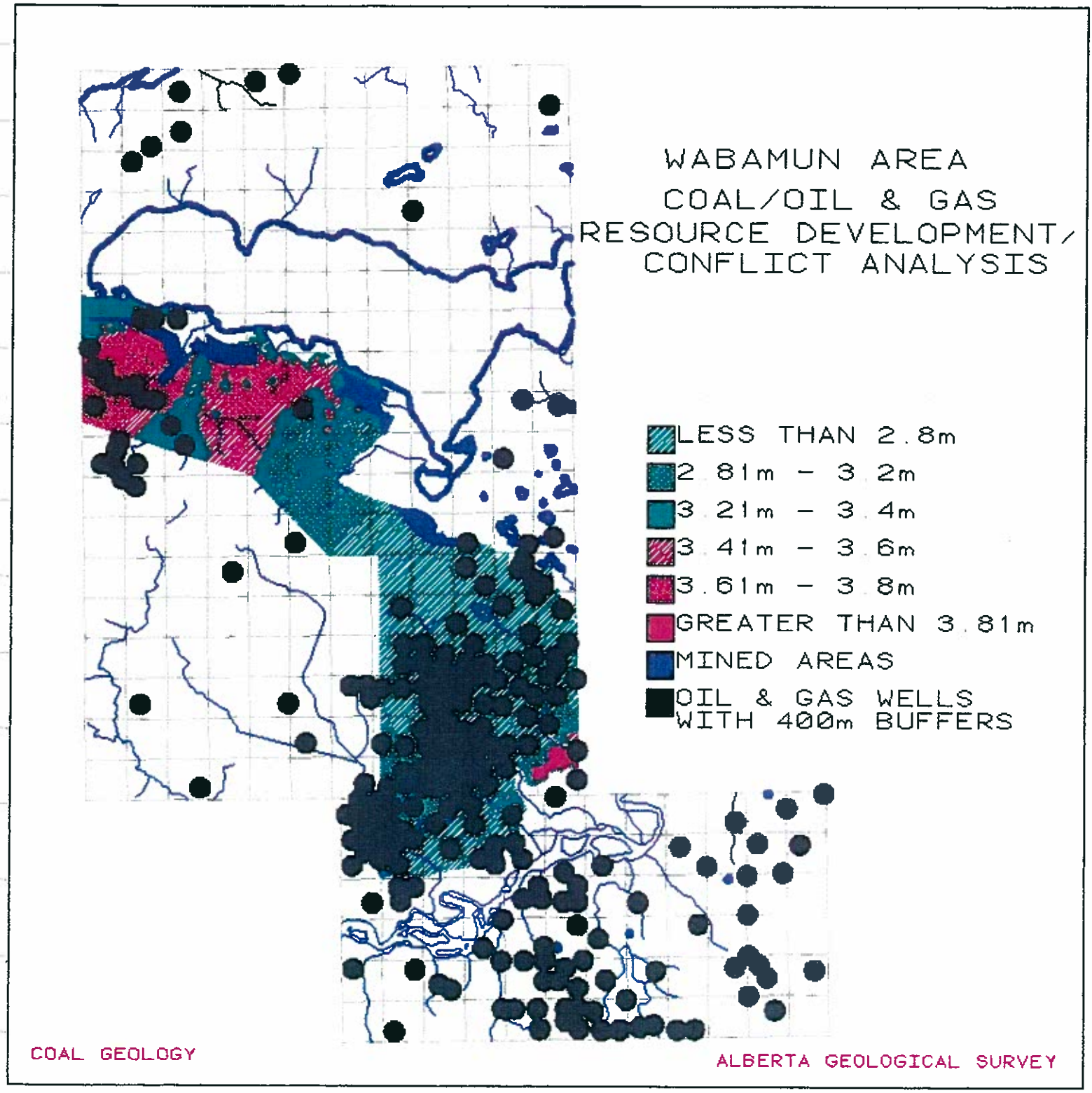


Figure 11. Coal/oil and gas resource development/conflict analysis.

LEVEL 4. TOWNSHIP AND MINE SITE DETAILED AREAS

In addition to much of the data previously discussed at Levels 1 to 3, detailed information on coal quality and geology is available at Level 4 The area to the north of the North Saskatchewan River in figure 12 has data density too high for detailed analysis. A mine scale map (figure 13) of the Southern Highvale, was located north of the North Saskatchewan River, allows for the identification of individual wells. This can be compared to an isopach of Seam 1 (figure 14).

Figure 15 displays a single township (Twp 50 R4 W5M) at Level 4 to show geological information; figure 16 displays the status of individual oil and gas wells for individual sections.

Coal quality data for individual seams (Seams 1 through 5) is available in the demo for the whole of the Highvale mine permit area (figure 17).

Figure 18 shows the permit and licence information for the Northern Highvale area.

Figures 19 through 21 also pertain to the Northern Highvale area and provide examples of bedrock, isopach and structural contour maps that are resident in the demo.

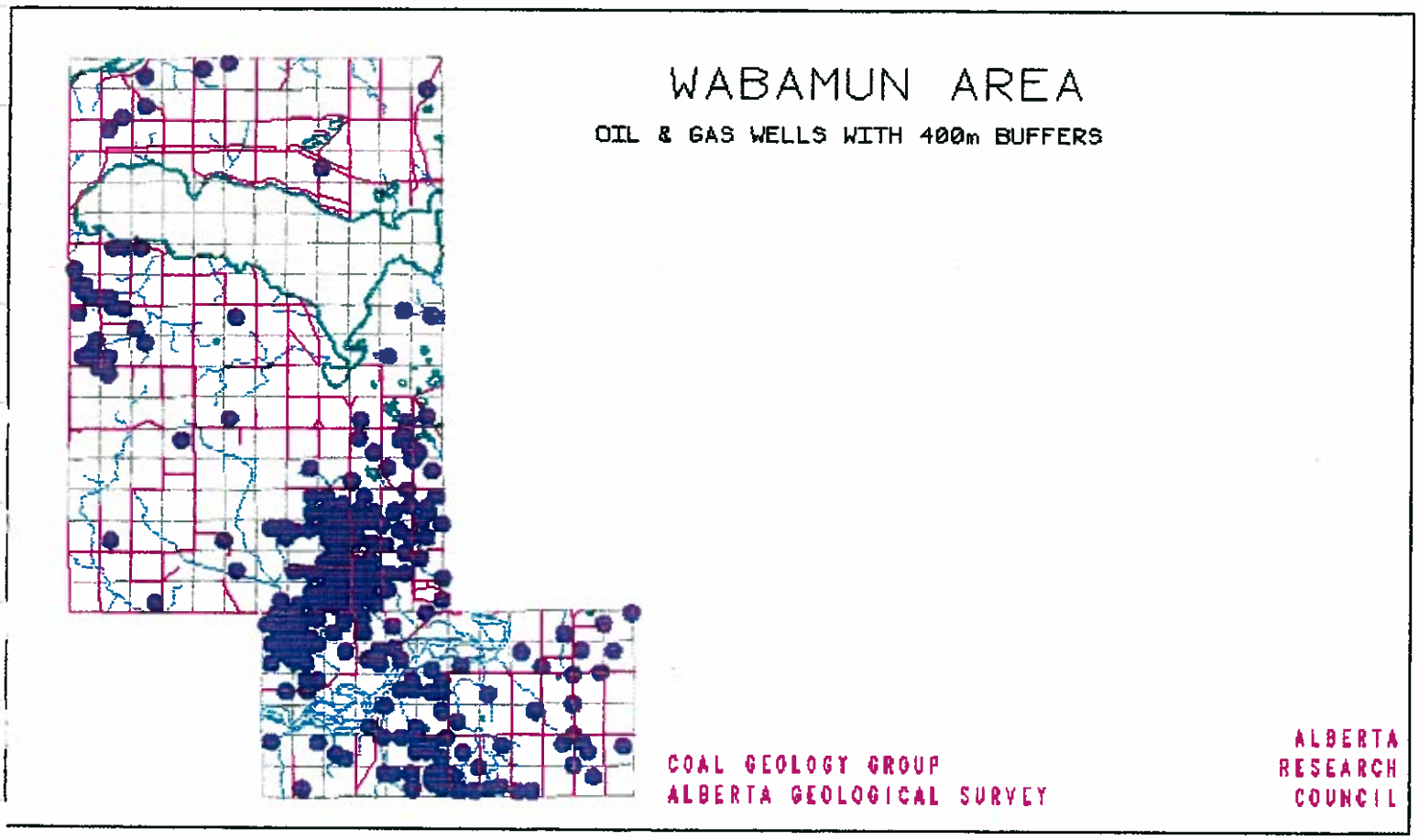


Figure 12. Wabamun Area; buffered wells with road network.

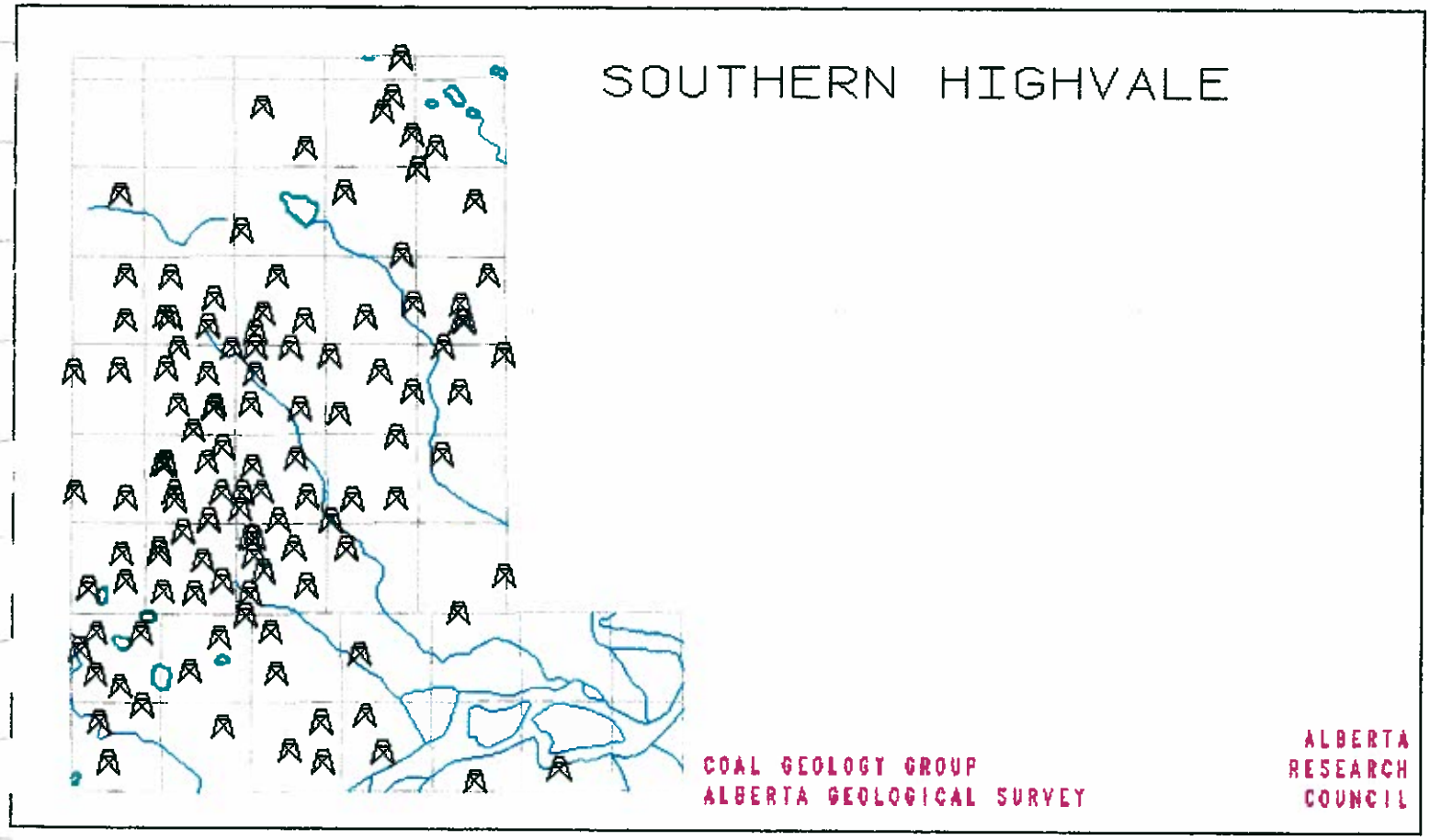


Figure 13. Southern Highvale oil and gas distribution.

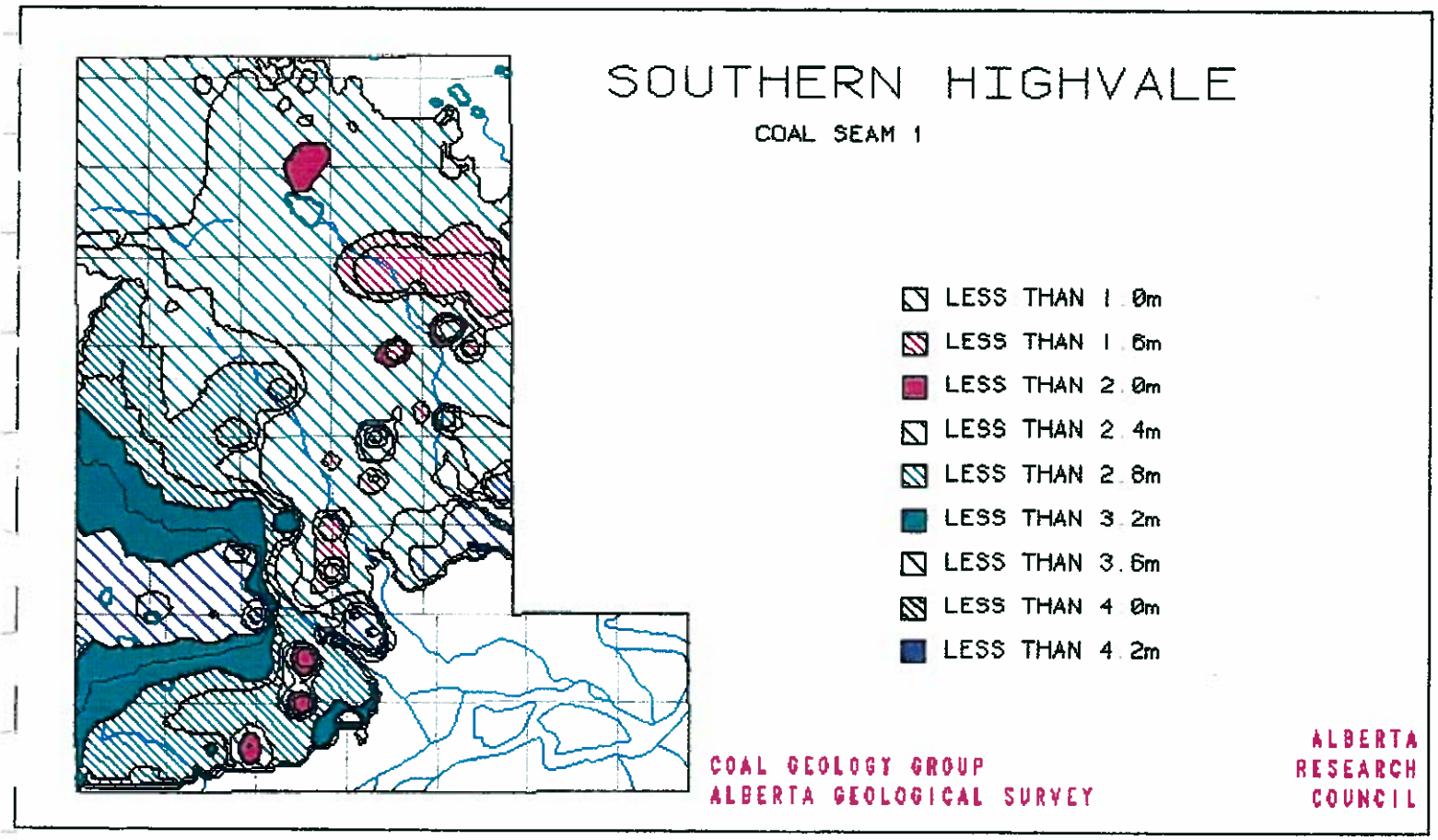


Figure 14. Southern Highvale isopach of Seam 1.

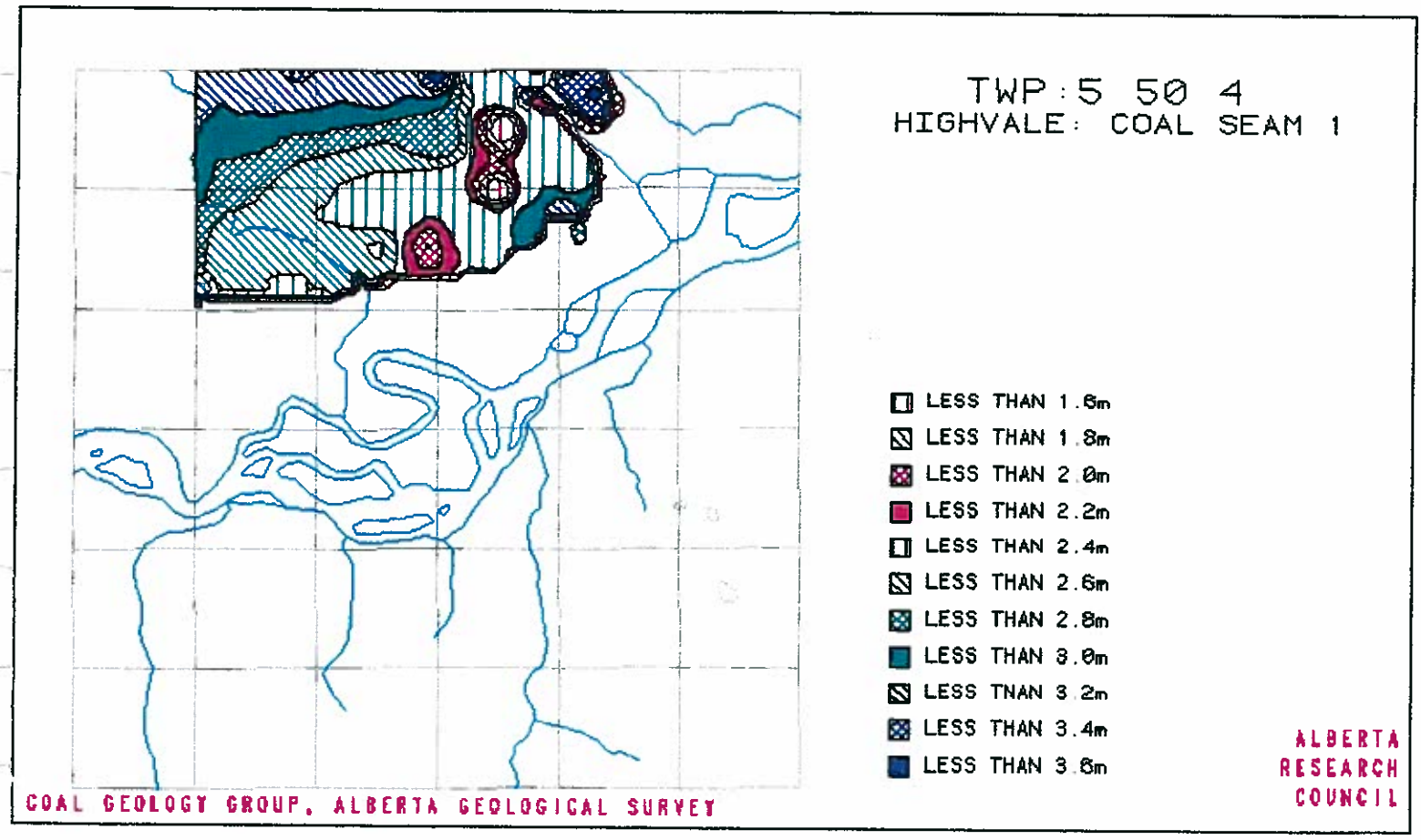


Figure 15. Township 50, Range 4, West of the 4th, isopach Seam 1.

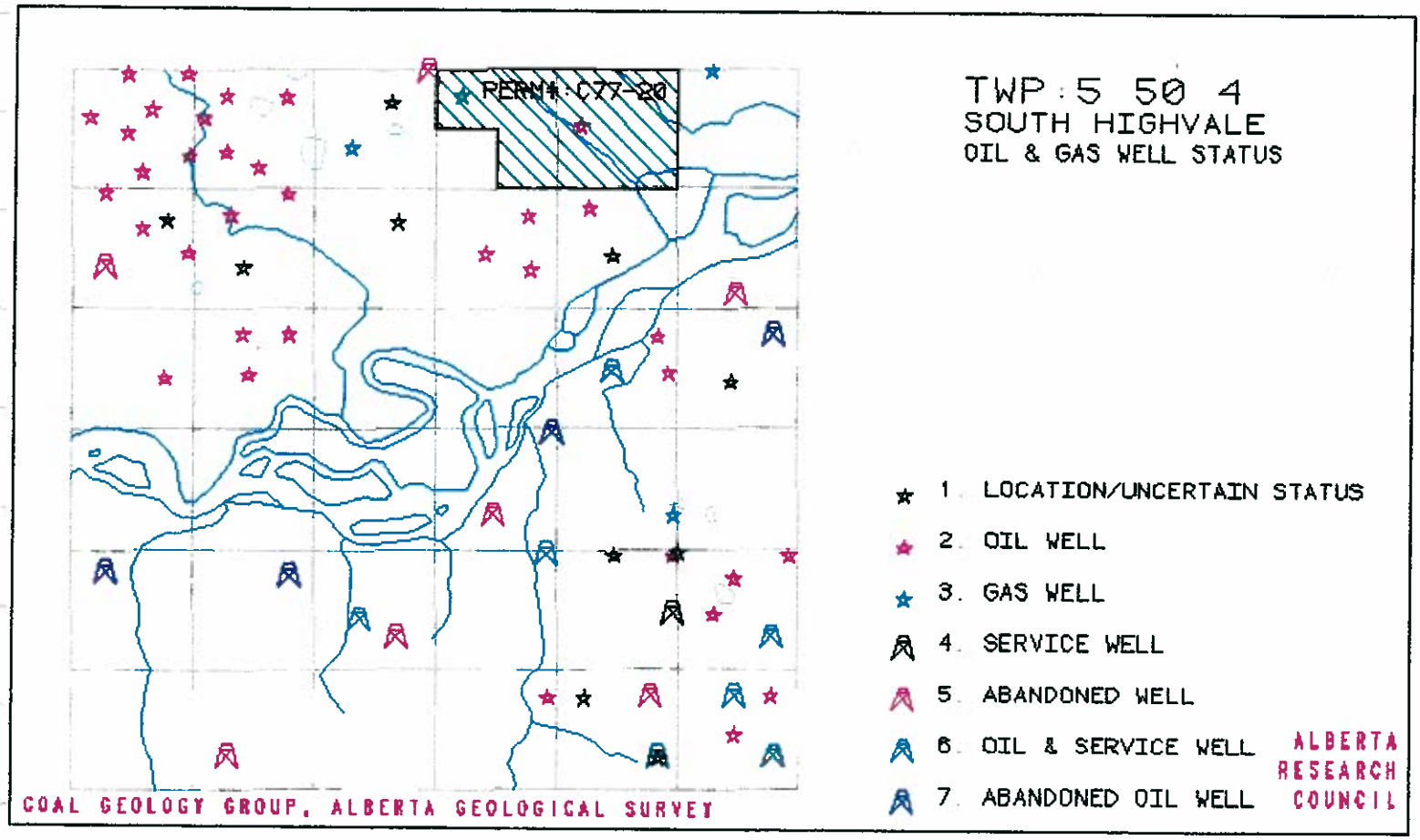


Figure 16. Township 50, Range 4, West of the 4th, Well Status.

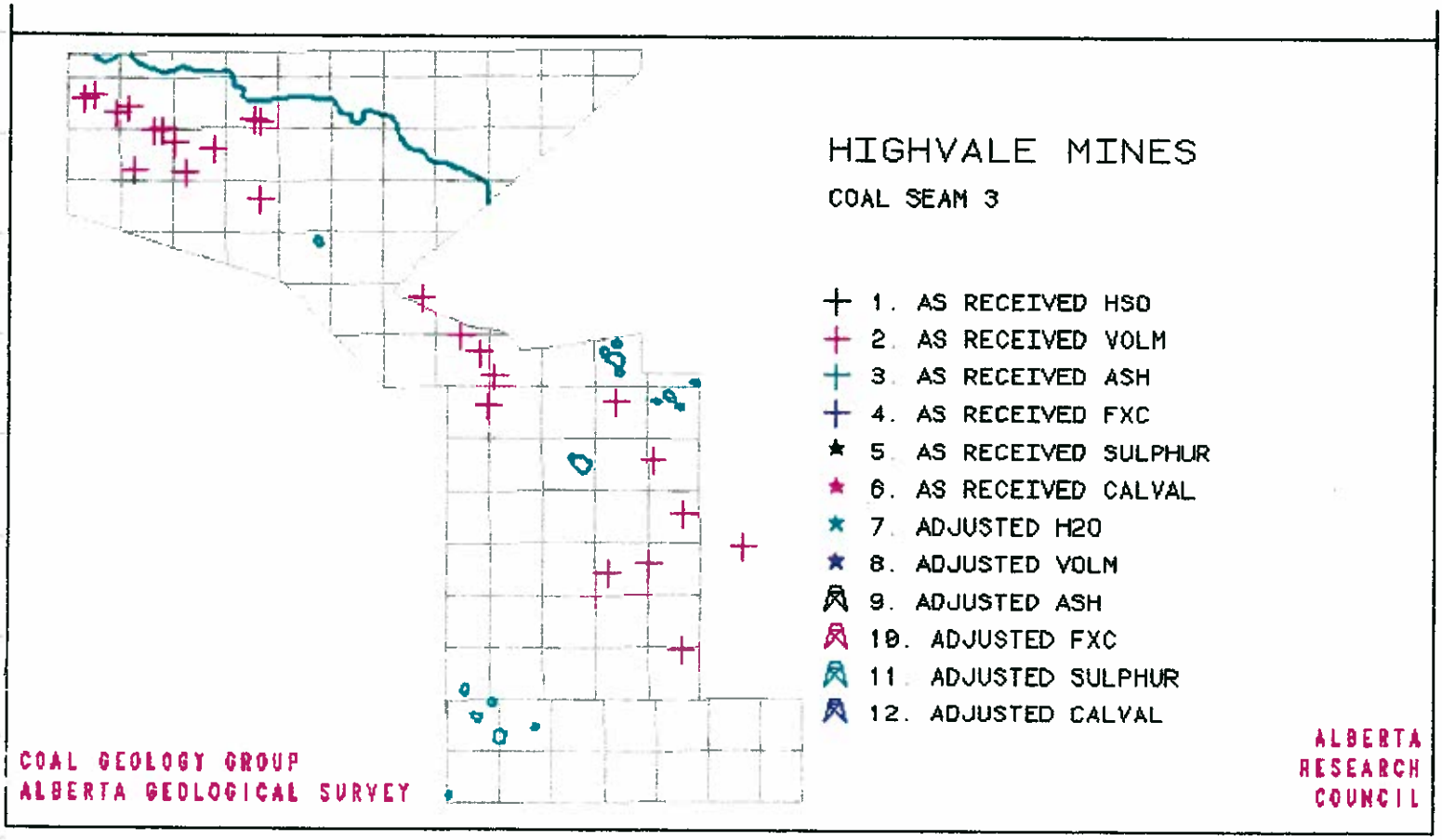


Figure 17. Highvale Area; as received volatile matter Seam 3.

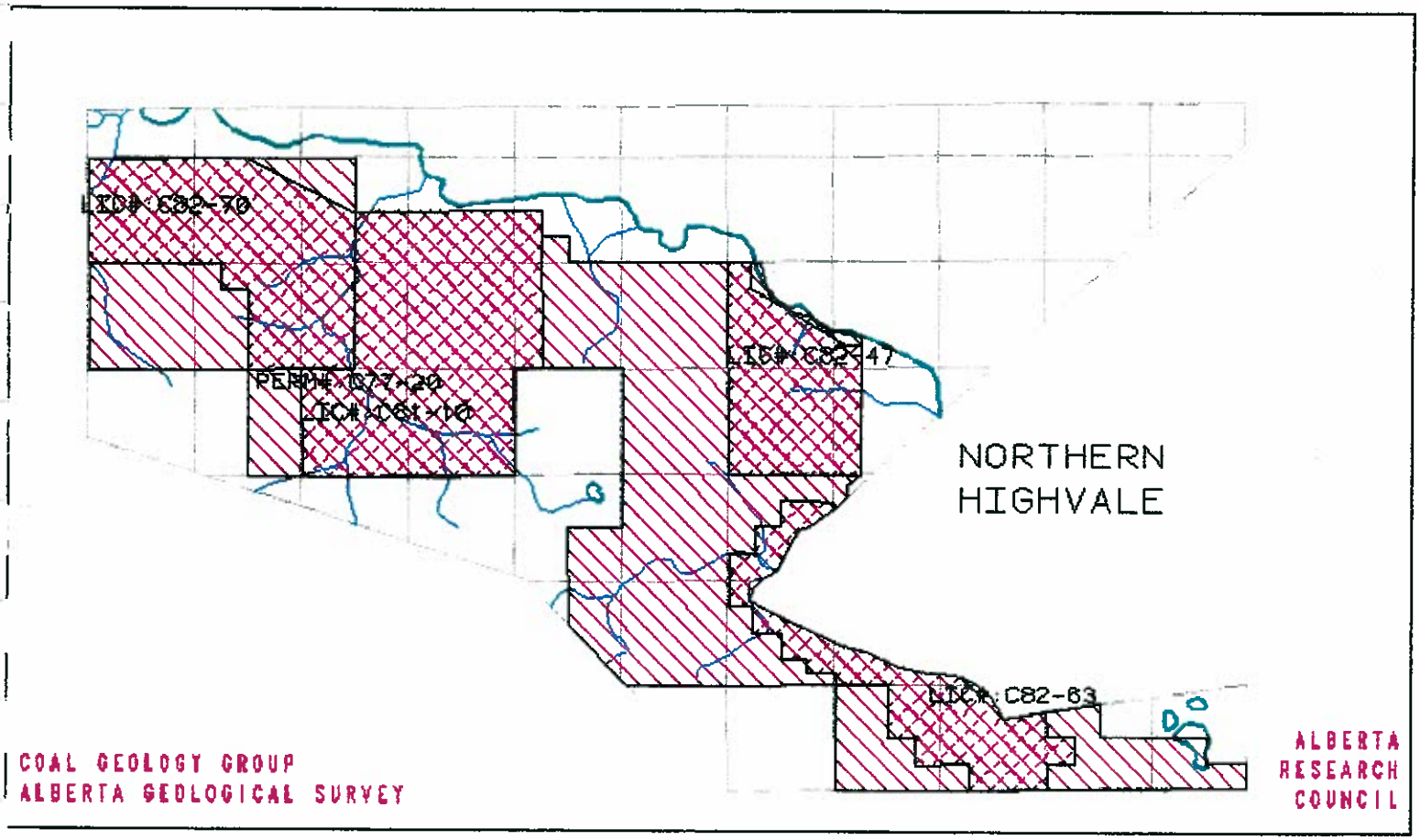


Figure 18. Northern Highvale permit and licence data.

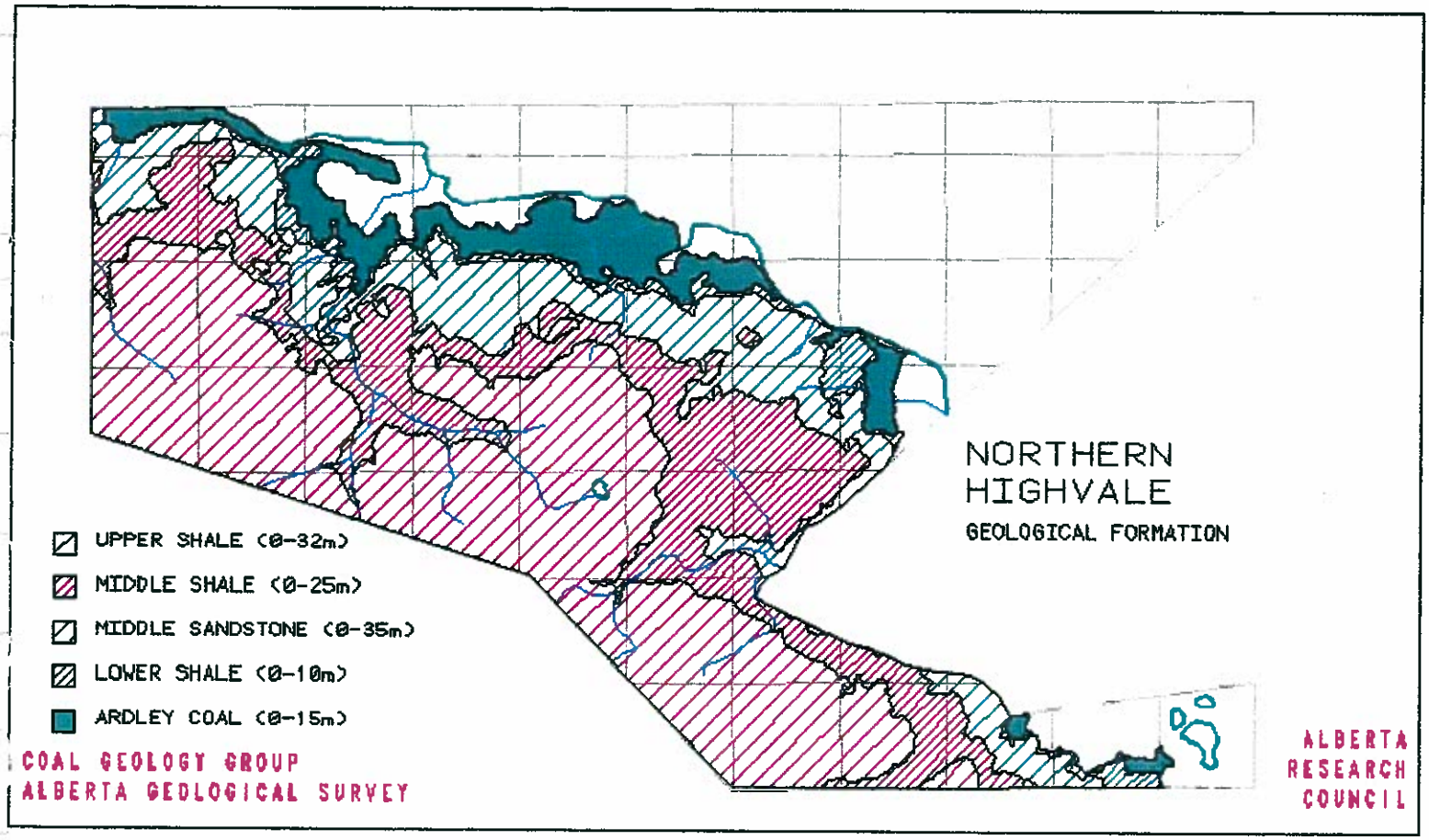


Figure 19. Northern Highvale geological map.

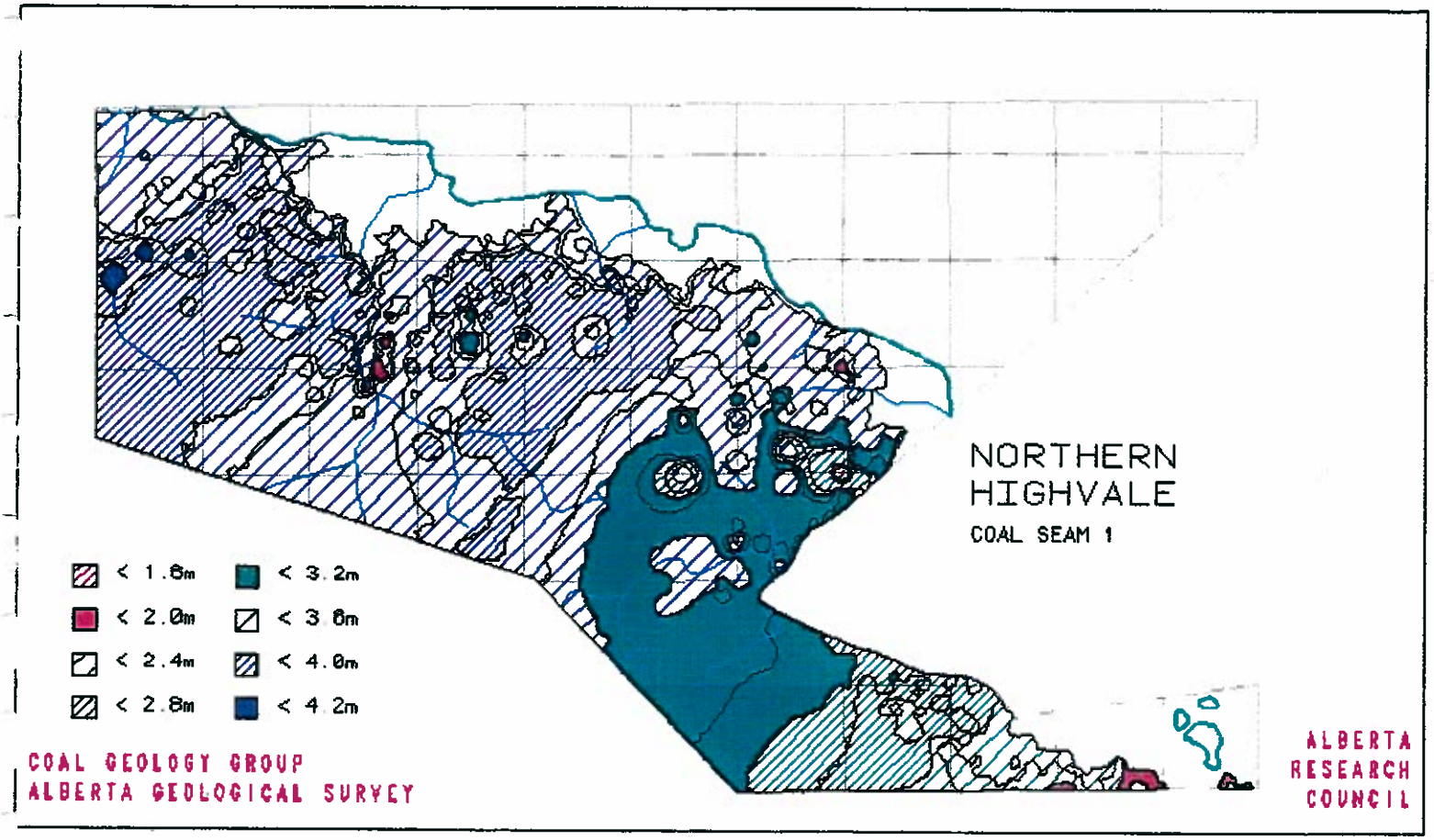


Figure 20. Northern Highvale isopach map of coal Seam 1.

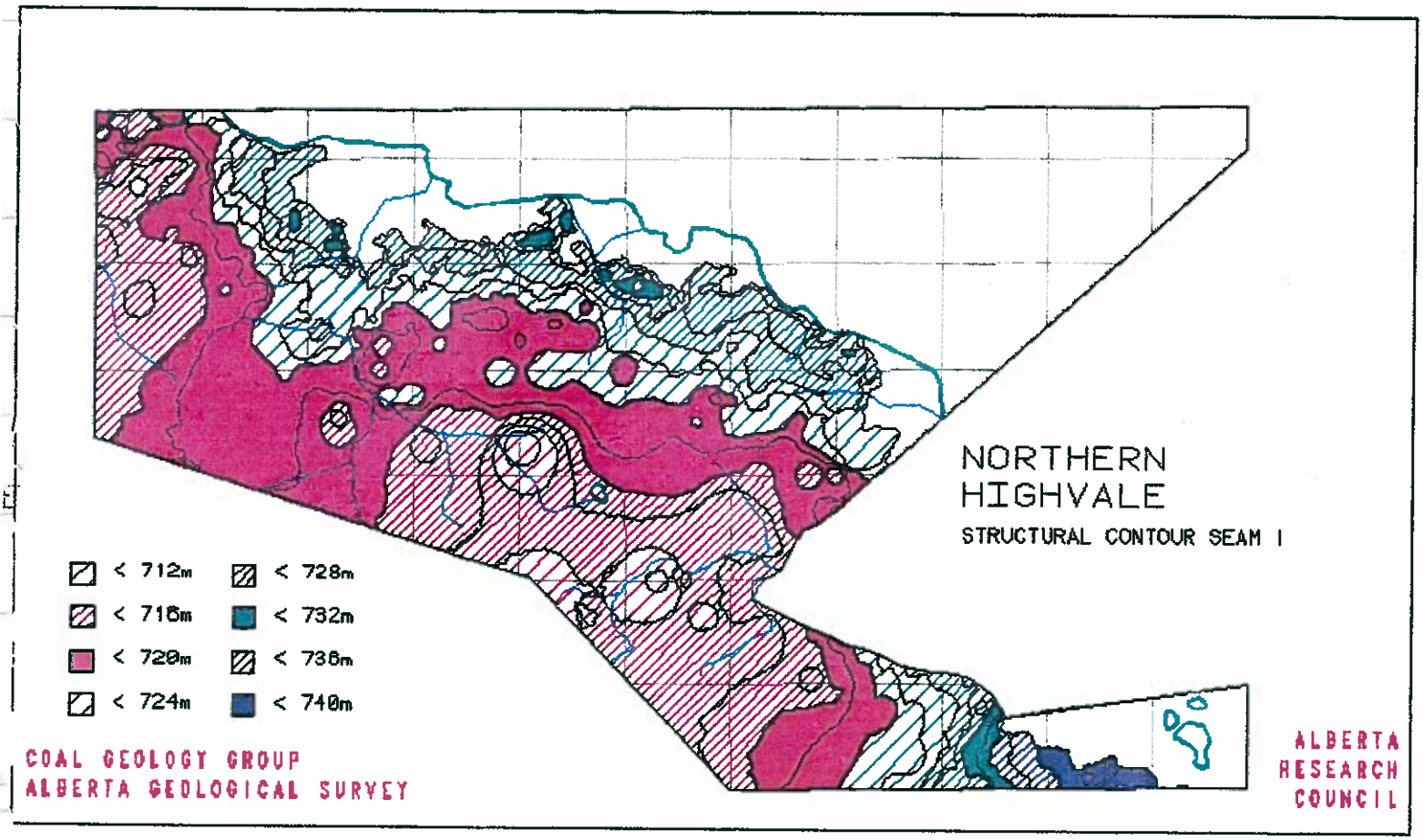


Figure 21. Northern Highvale structure contour map of coal Seam 1.

EXPERIENCE GAINED FROM STUDY

CAPABILITIES

The workstation and software combine to make a fully functional GIS system. Virtually all the features of a fully operational mini-computer based system were available on pcARC/INFO.

Hardware

The 386 machine was able to complete most of the required processing in a few minutes. The disk storage of space 300Mb. exceeded necessary requirements.

Software

The software was capable of handling all the basic GIS functions and a large number of advanced applications.

LIMITATIONS

Hardware

The MS-DOS operating system was a major limitation on the hardware. Machine resources failed when too many files were open or the 640Kb. of regular memory was filled. A failure to buffer 10 000 points (after a 10-hour run) may have been caused by a lack of available RAM or disk space for scratch files. ESRI notes that the scratch space required by BUILD/CLEAN can be from 4 to 13 times the coverage size and as a general rule-of-thumb: the greater the number of coordinates per arc and the greater the number of intersections, the more scratch space will be needed.

Software

The software does not allow access to extended or expanded memory. A limit of 20 open files at any time is too restrictive. The software produces a large number of files which could be cumbersome to handle, if most of the organization were not automatic.

ESRI notes that the total number of arcs per coverage is 32,000 (limit applies only to ADS, DIGITIZE and EDIT); with the number of points per arc and the number of arcs per polygon is limited to 500 and 5,000 respectively.

The software is 2-D in nature, while many geological problems are best dealt with in 3-D.

Manpower

An experienced operator is needed for all but the simplest tasks. Training is required to use and develop the pcARC/INFO system. The operator needs to be a dedicated component of the GIS effort.

SYSTEM DOCUMENTATION

ARC/INFO Files

Appendix 2 lists and describes the various ARC/INFO file types.

MS-DOS File Directory Path

Appendix 4 is a MS-DOS path directory of all files in the pilot demo. A study of this appendix provides a guide to the structure of the demo on a directory/subdirectory/file basis. The complexity of the file system can be readily seen. Figure 2, the data structure, provides a greatly simplified view of the demo when compared to appendix 4.

File Size and Occurrence

Appendices 5 and 6 provide additional detail on files, including the date and time of creation, the size in bytes, and the directory/file name and extension.

A total of 600 files comprise Levels 1 and 2 of the demo; 4,661 files were created for Levels 3 and 4. In total, 5,261 files more than 28Mb. of storage space comprise the demo.

The largest file was 1.6Mb. while the mean, median and mode for all files was 5382, 512, and 80Kb. respectively (table 5). A log frequency plot (figure 22) shows that file frequency decreases rapidly with increasing file size, i.e., the system produces a large number of small files.

Table 5.

Filename	N	Min	Max	Mean	Median	Mode	Skewness
ARC	2167	80	554240	3761.89	432	80	18.7445
CNT	142	512	27392	2469.86	1152	512	4.3242
LAB	205	512	1.58008×10^6	12569.0	768	512	13.4876
LNK	0	-	-	-	-	-	-
TIC	266	48	132	48.6316	48	48	11.4669
TXT	98	512	4352	728.816	512	512	3.6439
AAT	197	0	369152	9670.54	1520	28	7.1488
ADD	0	-	-	-	-	-	-
PAT	201	16	790160	13740.1	592	32	8.9758
TRN	0	-	-	-	-	-	-
ARF	30	28	171948	16193.3	3612	2352	3.5682
NRF	187	4	25136	652.5	132	4	7.7586
PAL	140	512	102144	6370.7	2560	512	5.1827
PRF	47	16	19632	962.04	128	32	5.9341
BND	441	4	5120	179.3	16	16	6.5813
LOG	294	24	7292	903.5	656	24	2.9955
MSK	5	512	768	614.4	512	512	0.6086
TOL	173	12	24	19.7	24	24	-0.6
GSISFILE	5261	0	1.5808×10^6	5381.61	512	80	18.7445
SML	44	51	18717	5159.36	3479	55	0.4828

Table 5. File size statistics.

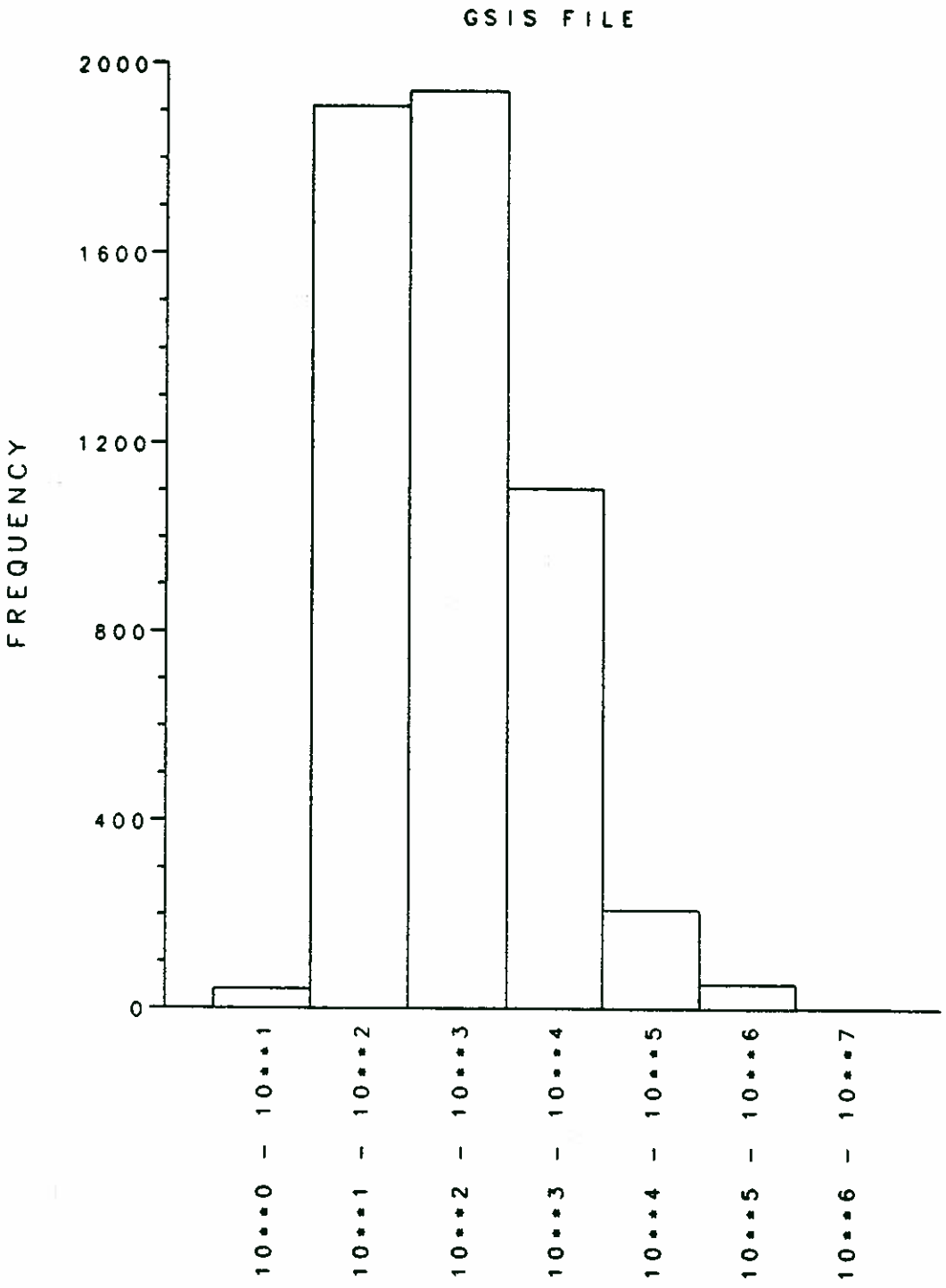


Figure 22. Frequency plot of demo file size.

Simple Macro Language (SML) Files

Appendix 7 is a complete listing of the SML files that make up the demo menu system. These files can be modified, compressed or adapted for other demos using the same or other ARC/INFO files.

SUMMARY

It is important to stress that it is the pilot project demo itself, not this report, that is the primary product of this project. The prime function of the project was to demonstrate the capabilities of a GIS system, as it pertains to enhancing and supporting the coal-related information requirements of the Alberta Geological Survey's Coal Geology Section as well as industry and government.

FUTURE PLANS

Future plans include the enhancement of the present GSIS system. The demo is currently being ported to an ARC/INFO environment of a minicomputer. Testing of the demo will begin in 1989-90, on the distributed system, to establish performance and costs. The existing PC-system will be kept operational and new data will be added from relevant Alberta Geological Survey's Coal Geology Section projects as the data becomes available. Substantial effort will be spent on developing the reporting and querying capabilities.

A project has been approved for 1989-90 for the development of a operational Geoscience Information System (GSIS) which will form the foundation of the Alberta Geological Survey's Coal Geology Section spatial data storage, display and analysis. This project will allow the Coal Geology Section and the Alberta Geological Survey to more thoroughly fulfill its mandate by achieving the following goals:

1. Help establish an Alberta-wide electronic map library of existing map data, consisting in part of base maps (planimetric, topographic and geologic), ERCB coalfield maps,

Alberta Energy's Coal Lease Maps, maps from the Alberta Geological Survey's Plains evaluation studies and maps from selected coal geology papers.

2. Convert the Alberta Geological Survey's Coal Data Base data into GIS format, i.e. build point coverages of all drill hole information with the GIS database attached.

3. Link the GSIS to the Alberta Geological Survey's Coal Data Base.

4. Build a user interface system to: (i) allow common queries to be facilitated by a menu system and (ii) allow data and maps commonly needed in geological survey, coal exploration, and resource evaluations to be facilitated by a menu system.

5. Establish links between other software such as statistical, mapping and geostatistical packages.

6. Establish links to the Provincial LRIS system.

REFERENCES

ESRI manuals for pcARC/INFO. 1987 and 1988.

Richardson, R.J.H., Mandryk, G.B., and Fietz, D.W., 1989. Coal Geology Data Base, Alberta Research Council Open File Report 1989-02A, B, C,and D. 473 pages.

DATA STRUCTURE LEVELS 1 AND 2

C:\PROJ1

- ERCBQLT
- ERCB_AB
- OILw83G
- 83G_NW
- 83G_NE
- 83G_SW
- 83G_SE
- 83G
- AT3
- RIV
- LAK
- HWY
- SET
- MDB
- MINED
- OILBUF
- QLTAB.SML
- 83G.SML
- WELCOME.SML
- ABQLT.KEY
- 83G.KEY

Legend

BND	- Township boundary
ATS	- Alberta township survey grid
RIV	- Rivers
LAK	- Lakes
HWY	- Roadways
SET	- Reserve and park boundaries and railroads
MDB	- Municipal district boundaries - county boundaries
HIS01	- Highvale Mine (N&S) - Isopach of seam 1 (ISO1)
HIS02	- Highvale Mine (N&S) - Isopach of seam 2 (ISO2)
HNGEOL	- Highvale Mine (N) - Geological map (GEOL)
HSLS	- Highvale Mine (S) - Isopach of unit 80 (lower shale) (ISOLS)
HSDBED	- Highvale Mine (S) - Isopach - Surface to top lithology 500 (DBED) - (base of disturbed bedrock)
GHSC	- Genesee Mine - Top of highest seam contours (HSC)
GDRILLH	- Genesee Mine - Drillhole distribution (DRILLH)
GTUM	- Genesee Mine - Top of upper main (TUM)
GSCLM	- Genesee Mine - Sulphur contours - lower main (SCLM)
GDCLM	- Genesee Mine - Depth of cover to lower main (DCLM)
GTLM	- Genesee Mine - Top of lower main contour (TLM)
GACHS	- Genesee Mine - Ash contours: high seam (ACHS)
GACLM	- Genesee Mine - Ash contours: lower main (ACLM)
GSCHS	- Genesee Mine - Sulphur contours - high seam (SCHS)
GOTC	- Genesee Mine - Overburden thickness (OTC)
WISO1	- Whitewood Mine - Isopach of seam 1 (ISO1)
WISO3	- Whitewood Mine - Isopach of seam 3 (ISO3)
WFMS	- Whitewood Mine - Isopach of overburden to first mineable seam (FMS)
WSCT3	- Whitewood Mine - Structural contour: top of seam 3 (SCT3)
LIC	- Licenced areas
PERM	- Permit areas
MINED	- Mined-out areas
UNDER	- Underground mines - point
SURF	- Surface mines - point
UNCERT	- Uncertain
STAT	- Well status - point
HNSC1	- Highvale Mine (N) - Structural contours seam 1 (SC1)
ERCBQLT	- Provincial coal quality
ERCB_AB	- Outline of province of Alberta
OILW83G	- Oil well locations at 83G
83G_NW	- Coal dispositions at 83G northwest
83G_NE	- Coal dispositions at 83G northeast
83G_SW	- Coal dispositions at 83G southwest
83G_SE	- Coal dispositions at 83G southeast
83G	- Coal dispositions at 83G
OILBUF	- Oil wells with 400 m buffers at 83G
OVB	- Overburden
SMPCD	- Sample code
HVPNT	- Highvale coal drillhole locations

DATA STRUCTURE LEVELS 3 AND 4

C:\WABAMUN

- TWPS
  - T5355
    - BND, ATS, RIV, LAK, HWY, SET, MDB, STAT, HISO1, HISO2, HNGEOL, HNSC1, WISO3, WFMS, WSCT3, UNDER, UNCERT, SURF, MANUAL.SML, PRINTER.SML
  - T5345
    - BND, ATS, RIV, LAK, HWY, SET, MDB, STAT, WISO3, WFMS, WSCT3, MINED, PERM, LIC, UNDER, UNCERT, SURF, MANUAL.SML, PRINTER.SML
  - T5255
    - BND, ATS, RIV, LAK, HWY, STAT, HISO1, HISO2, HNGEOL, HNSC1, MINED, PERM, LIC, SURF, MANUAL.SML, PRINTER.SML
  - T5245
    - BND, ATS, RIV, LAK, HWY, SET, STAT, HISO1, HISO2, HNGEOL, HNSC1, HSLS, HSDBED, MINED, PERM, LIC, UNDER, UNCERT, SURF, MANUAL.SML, PRINTER.SML
  - T5155
    - BND, ATS, RIV, HWY, STAT, MANUAL.SML, PRINTER.SML
  - T5145
    - BND, ATS, RIV, LAK, HWY, STAT, HISO1, HISO2, HSLS, HSDBED, PERM, MANUAL.SML, PRINTER.SML
  - T5045
    - BND, ATS, RIV, LAK, HWY, MDB, STAT, HISO1, HISO2, HSLS, HSDBED, PERM, MANUAL.SML, PRINTER.SML
  - T5035
    - BND, ATS, RIV, LAK, HWY, MDB, STAT, GHSC, GDRILLH, GTUM, GSCLM, GDCLM, GTLM, GACHS, GACLM, GSCHS, GOTC, LIC, PERM, UNCERT, SURF, MANUAL.SML, PRINTER.SML
- SAREA
  - BND, ATS, RIV, LAK, HWY, SET, MDB, STAT, LIC, PERM, MINED, UNDER, UNCERT, SURF, OILBUF, PRINTER.SML, MANUAL.SML
- MINES
  - HIGHVA
    - ISO1, ISO2, BND, ATS, RIV, LAK, HWY, SET, MDB, STAT, HVPNT, MINED, PERM, LIC, UNDER, SURF, UNCERT, SEAM1.SML, SEAM2.SML, SEAM3.SML, SEAM4.SML, SEAM5.SML, SEAM6.SML, MANUAL.SML, HV2.SML, OVB, SMPCD, PRINTER.SML
  - HIGHVN
    - ISO1, ISO2, GEOL, BND, ATS, RIV, LAK, HWY, SET, STAT, SC1, MINED, PERM, LIC, UNDER, SURF, UNCERT, MANUAL.SML, PRINTER.SML
  - HIGHVS
    - ISO1, ISO2, ISOLS, DBED, BND, ATS, RIV, LAK, HWY, MDB, STAT, PERM, LIC, MANUAL.SML, PRINTER.SML
  - WHITE
    - ISO3, SCT3, FMS, BND, ATS, RIV, LAK, HWY, SET, MDB, STAT, MINED, PERM, LIC, MANUAL.SML, PRINTER.SML
  - GENE
    - HSC, TUM, TLM, DCLM, ACHS, ACLM, SCHS, SCLM, DRILLH, OTC, BND, ATS, RIV, LAK, HWY, STAT, PERM, LIC, SURF, UNCERT, MANUAL.SML, PRINTER.SML

T5355
Township — Range — W. of the 5th meridian

Figure 2. Data structure.

1989-3A 1/1

V893B

COAL GEOLOGY
GEOSCIENCE INFORMATION SYSTEM
PILOT STUDY
APPENDICES 1 TO 7

R.J.H. Richardson
D.K. Chao
R.M. Krzanowski

Open File Report 1989-03B
Alberta Geological Survey
Alberta Research Council

DISCLAIMER

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APPENDIX 1

APPENDIX 1

COAL GSIS DEMO SYSTEM

Starting up the demo:

STEPS	ENTER	TERMINALS
1	ARC at DOS	386
2	CD PROJ1	386
3	DUALMODE 2 2400 (for VT100)	386
	DUALMODE 2 4800 (for VT240)	386
	DUALMODE 2 9600 (for tek4205)	386
4	ARCPLOT	VT100/240
5	DISPLAY 4 2 3	VT100/240
6	@WELCOME	VT100/240
7	DUALMODE OFF	BACK TO 386

If the system crashes, users can reboot the system and repeat step 1 to 6.

Each SML program (MANUAL.SML) is at its related subdirectory under directories WABAMUN and PROJ1(See directory chart). Users can get into any WABAMUN subdirectories by changing step 2 to CD WABAMUN*.* (eg . CD WABAMUN\MINES\HIGHVA to get into the Highvale subdirectory) and start up its SML program by repeating step 3,4 & 5. Step 6 should change to @MANUAL. In the case of directory PROJ1, the SML program for the provincial level is QLTAB (@QLTAB), and the SML program for the 83G is 83G (@83G).

Users can get into any SML programs (MANUAL.SML) at the Norton Editors by typing NE at the ARC mode or DOS mode and entering the name of the program (eg. MANUAL.SML) at the NE mode. After editing, users can exit from the NE mode by hitting either <F3><E> (exit with saving all the changes) or <F3><Q> (exit without saving any changes).

When doing the zoom in or selecting a particlar point on the 386 monitor, users must use the arrows and <ENTER> on the 386 keyboard.

APPENDIX 2

APPENDIX 2

ARC/INFO FILE TYPES (ESRI MANUALS)

Files Defining Features - contain coordinates and topological information about one class of feature. These files store records for each feature with record numbers equivalent to internal-ID.

ARC - Arc Coordinates and Topology
CNT - Polygon Centroid Coordinates
LAB - Label Point Coordinates and Topology
LNK - Link Coordinates
TIC - Tic Coordinates
TXT - Annotation Coordinates and Symbology

Files Providing Feature Attributes - contain attributes of one class of feature. These files store records related to features by internal-ID.

AAT - Arc Attribute Table
ADD - Feature Address Table
PAT - Polygon or Point Attribute File
TRN - Turn Impedence Table

Files Provinding Feature Cross-Reference - contain records making explicit the topological relationships between features of one or more classes. These files store the internal-ID values of various features, so that feature definition files may be accessed directly without searching.

ARF - Arc Cross-Reference File
NRF - Node Cross-Reference File
PAL - Polygon/Arc/Node Cross-Reference File
PRF - Polygon Cross-Reference File

Files Describing Coverage

BND - Coverage coordinate extremes
LOG - Coverage History File
MSK - Edited Areas mask file
TOL - Coverage Tolerances file

* Other files used during ARC/INFO processing are temporary (deleted at completion of execution), or are user-defined attribute files.

APPENDIX 3

APPENDIX 3

DATA AVAILABLE IN COAL GSIS AT VARIOUS LEVELS

LEVEL 1

PROVINCE OF ALBERTA

a. Proximate Analysis
b. Ultimate Analysis
c. Chemical Analysis
d. Fusion
e. Trace Elements
f. Physical Analysis
h. Coal
   - all the aboves have ERCB and ARC codes

LEVEL 2

NTS MAP OF 83G

a. ATS
b. Rivers
c. Lakes
d. Reserves, Park boundaries & Railways
e. County boundaries
f. Coal Depositions of 83G
   - polygon IDs
   - Description of depositions (Lease, Application, Freehold, Coal withdrawn From Deposit)
   - company IDs
   - company names

LEVEL 3

WABAMUN AREA

a. ATS
b. Rivers
c. Lakes
d. Highways
e. Licenced Areas
   - licence numbers
f. Surface Mines
   - mine IDs & locations
g. Underground Mines
   - mine IDs & locations
h. Uncertain Mines
   - mine IDs & locations
i. Permit Areas
   - permit numbers

j. Well Status
   - well IDs & descriptions
k. Mined Areas
l. Oil Wells Buffers (400m)

LEVEL 4

1. HIGHVALE AREA

a. Isopach of coal seam 1
   - from less than 2.8m to greater than 3.8m
b. Isopach of coal seam 2
   - from less than 2.0m to 4.2m
c. ATS
d. Rivers
e. Lakes
f. Highways
g. Mined Areas
h. Permit Areas
   - permit numbers
i. Surface Mines
   - mine IDs & locations
j. Underground Mines
   - mine IDs & locations
k. Coal drillhole locations
   - HV-codes (TRANSALTA)
   - eastings & northings
l. Cumulative Stratigraphic Overburden
   - STR 10,20,30,35,36,40,60,80,46,47,48,61,62,63,635,64,65,89
   - all the aboves have HV-codes, eastings & northings
m. Types of Analysis Performed (TRANSALTA)
   - gross samples (seam 1 - 6)
   - detail samples (seam 1 - 6)
   - composite samples (seam 1 - 6)
   - all the aboves have HV-codes , eastings & northings
n. Coal Quality for seam 1 - 6
   - as received ash in %
   - '' sulfur in %
   - '' H2O "
   - '' calval "
   - '' volm "
   - '' fxc "
   - adjusted ash in %
   - '' sulfur in %
   - '' H2O "
   - '' calval "
   - '' volm "
   - '' fxc "
   - all the aboves have HV-codes, eastings & northings

2. HIGHVALE NORTH

a. Isopach of coal seam 1
   - from less than 1.6m to 4.2m
b. Isopach of coal seam 2
   - from less than 2.0m to 4.2m
c. Mined Areas
d. Well Status
   - well IDs & descriptions
e. Permit Areas
   - permit numbers
f. Structural Contour of seam1
g. Licenced Areas
   - licence numbers
h. Underground mines
   - mine IDs & locations
i. Surface mines
   - mine IDs & locations
j. Geological contour map
   - Upper Shale, Middle Shale, Middle Sandstone, Lower Shale, Ardley coal
l. Rivers
m. Lakes

3. HIGHVALE SOUTH

a. Lakes
b. Rivers
c. ATS
d. Isopach of the Lower Shale (Unit 80)
   - from less than 1m to 14m
e. Isopach of coal seam 1
   - from less than 1m to 4.2m
f. Isopach of coal seam 2
   - from less than 2m to 4.2m
g. Isopach-Surface to top Lithology 500 (base of distrubed bedrock)
h. Licenced Areas
   - licence numbers
i. Permit Areas
   - permit numbers
j. Well Status
   - well IDs & descriptions
k. Highways

4. GENESEE

a. ATS
b. Lakes
c. Rivers
d. Top of the highest seam contours
e. Top of the Upper Main contours
f. Depth of cover to the Lower Main
g. Ash contours - Lower Main
   - from less than 8m to 28m

h. Ash contours - High Seam
   - from 0 % to greater than 40 %
i. Sulfur contours - Lower Main
   - from less than 0.15m to 0.35m
j. Sulfur contours - High Seam
   - from 0 % to greater than 0.46 %
l. Drillhole locations
   - types of drillholes
k. Isopach of the Overburden Thickness
   - from less than 15m to 45m
m. Permit Areas
   - permit numbers
n. Surface Mines
   - mine IDs & locations
O. Well Status
   - well IDs & descriptions

5. WHITEWOOD AREA

a. Rivers
b. Lakes
c. ATS
d. Isopach of coal seam 3
   - from less than 0.8m to 4.0m
e. Structural contours of the top of coal seam 3
   - from less than 700m to 780m
f. Isopach of the overburden to the first mineable seam
   - from less than 2m to 60m
g. Licenced Areas
   - licence numbers
h. Permit Areas
   - permit numbers
i. Mined Areas
j. Well Status
   - well IDs & locations

6. TOWNSHIP 5535

a. Rivers
b. Lakes
c. ATS
d. Highways
e. Highvale Mine - Isopach of coal seam 1
   - from less than 2.6m to 3.8m
f. Highvale Mine - Isopach of coal seam 2
   - from 0m to 3.4m
g. Northern Highvale - geological contour map
   - STR100,80,60 & 40
h. Whitewood Mine - Isopach of seam 3
i. Whitewood Mine - Structural contours of the top of seam 3
   - from less than 750m to 770m
j. Whitewood Mine - Isopach overburden to first mineable seam
   - from less than 20m to 60m
k. Northern Highvale - Structural contours of coal seam 1

- from less than 714m to 728m

l. Well Status
   - well IDs & descriptions

m. Surface Mines
   - mine IDs & locations

n. Underground Mines
   - mine IDs & locations

7. TOWNSHIP 5534

a. ATS
b. Rivers
c. Lakes
d. Highways
e. Whitewood Mine - Isopach of coal seam 3
   - from less than 0.8m to 4.0m
f. Whitewood Mine - Isopach overburden to first mineable seam
   - from less than 2.0m to 50m
g. Whitewood Mine - Structural contours of the top of seam 3
   - from less than 700m to 780m
h. Licenced Areas
   - licence numbers
i. Mined Areas
j. Well Status
   - well IDs & descriptions
k. Surface Mines
   - mine IDs & locations
l. Underground Mines
   - mine IDs & locations

8. TOWNSHIP 5525

a. ATS
b. Rivers
c. Lakes
d. Highways
e. Highvale Mine - Isopach of coal seam 1
   - from less than 1.8m to 4.2m
f. Highvale Mine - Isopach of coal seam 2
   - from less than 2.8m to 3.6m
g. Northern Highvale Mine - Isopach of geological map
   - Lower Shale, Ardley Coal, Middle Shale & Middle Sandstone
h. Licenced Areas
   - licence numbers
i. Permit Areas
   - permit numbers
j. Mined Areas
k. Northern Highvale Mine - Structure of coal seam 1
   - from less than 710m to 730m
l. Well Status
   - well IDs & descriptions

9. TOWNSHIP 5524

a. ATS
b. Rivers
c. Lakes
d. Highways
e. Well Status
   - well IDs & descriptions
f. Highvale Mine - Isopach of coal seam 1
   - from less than 1.6m to 3.8m
g. Highvale Mine - Isopach of coal seam 2
   - from less than 3.0m to 3.6m
h. Northern Highvale Mine - geological contour map
   - Lower Shale, Ardley Coal, Middle Shale,Upper Shale, Middle Sandstone
i. Northern Highvale Mine - Isopach of the Lower Shale (Unit 80)
   - from less than 2m to 7m
j. Southern Highvale Mine - Isopach - Surface to top Lithology 500 (base of distrubed bedrock)
k. Licenced Areas
   - licence numbers
l. Permit Areas
   - permit numbers
m. Mined Areas
o. Surface Mine
   - mine IDs & locations
p. Northern Highvale Mine - Structure contour seam 1
   - from less than 714m to 740m

10. TOWNSHIP 5515

a. ATS
b. Lakes
c. Rivers
d. Highways
e. Well Status
   - well IDs & descriptions

11. TOWNSHIP 5514

a. ATS
b. Lakes
c. Rivers
d. Highways
e. Well Status
   - well IDs & descriptions
f. Highvale Mine - Isopach of coal seam 1
   - from less than 0.8m to 4.2m
g. Highvale Mine - Isopach of coal seam 2
   - from less than 3.0m to 4.2m
h. Southern Highvale Mine - Isopach of the Lower Shale (Unit 80)
   - from less than 1m to 12m
i. Southern Highvale Mine - Surface to top Lithology 500 (base of distrubed bedrock)
   - from less than 10m to 110m
j. Permit Areas

- permit numbers

12. TOWNSHIP 5504

a. ATS
b. Lakes
c. Rivers
d. Highways
e. Well Status
   - well IDs & descriptions
f. Highvale Mine - Isopach of coal seam 1
   - from less than 1.6m to 3.6 m
g. Highvale Mine - Isopach of coal seam 2
   - from less than 3.0m to 4.2m
h. Southern Highvale Mine - Isopach of the Lower Shale (Unit 80)
   - from less than 2.0m to 7.0m
i. Southern Highvale Mine - Isopach of surface to top Lithology 500 (base of distrubed bedrock)
j. Permit Areas
   - permit numbers

13. TOWNSHIP 5503

a. ATS
b. Rivers
c. Lakes
d. Highways
e. Genesee Mine - top of the highest seam contours
f. Genesee Mine - Drillhole distributions
   - drillhole types & descriptions
g. Genesee Mine - top of Upper Main
h. Genesee Mine - Sulfur contours of the Lower Main
   - from less than 0.15m to 0.35m
i. Genesee Mine - Depth of cover to Lower Main
   - from less than 15m to 60m
j. Genesee Mine - top of Lower Main contours
k. Genesee Mine - Ash contours of the High Seam
   - from less than 0.25m to 0.5m
l. Genesee Mine - Ash contours of the Lower Seam
   - from less than 0.25m to 0.5m
m. Genesee Mine - Overburden Thickness
   - from less than 5m to 35m
n. Licenced Areas
   - licence numbers
o. Permit Areas
   - permit numbers

APPENDIX 4

APPENDIX 4

COAL GSIS DEMO SYSTEM

DIRECTORY PATH LISTING FOR GSIS COAL DEMO

Files: PRF
LAB

Path: \PROJ1

Sub-directories: CITY
NTS1
HVPNT
INFO
RIVER
SUBCROPS
83G_MAP
OUTCROPS
83G_PRO3
NTS
ERCBOLT
ERCB_AB
OILW83G
83G_NW
83G_NE
83G_SW
83G_SE
83G
CROPBUF
ATS
RIV
LAK
HWY
SET
MDB
83G1
83G_NW1
MINED
83G3
WAB_DEMO
BUFWELL
OILBUF
ALBERTA

Files: PRINTER1 .SML
LOG
PROJ1 .LIS
ABOLT .KEY
OLTAB .SML
COMPANY2.KEY
83G .SML
TREE .LIS
POSTER .SML
COMPANY .KEY
83G1 .KEY
COMPANY1.KEY
83G .PLT
DEMO .SML
PRINTER .SML
BUF .KEY
DEMO2 .SML
DEMO3 .SML
83G .KEY
WELCOME .SML

Path: \PROJ1\CITY

Sub-directories: None

Files: TIC
BND
LOG
PAT

Path: \PROJ1\NTS1

Sub-directories: None

Files: TIC
AAT
LOG TIM
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \PROJ1\HVPNT

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
PAT
TXT
TXX
LAB

Path: \PROJ1\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC304 .NIT
ARC304 .DAT
ARC303 .NIT
ARC303 .DAT
ARC302 .NIT
ARC302 .DAT
ARC301 .NIT
ARC301 .DAT
ARC300 .NIT
ARC300 .DAT
ARC299 .NIT
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ARC298 .NIT

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ARC166 .DAT
ARC167 .NIT
ARC167 .DAT
ARC168 .NIT
ARC168 .DAT
ARC169 .NIT
ARC169 .DAT
ARC170 .NIT
ARC170 .DAT
ARC171 .NIT
ARC171 .DAT
ARC172 .NIT
ARC172 .DAT

Path: \PROJ1\RIVER

Sub-directories: None

Files: BND
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TOL
LOG
LAB
PAT
CNT
NRF
CNX
ARC
ARX
PAL
PAX

Path: \PROJ1\SUBCROPS

Sub-directories: None

Files: LOG
BND
TIC
TOL
PAT
ARC
LAB
CNT
ARX
NRF
MSK
AAT
CNX
PFF
PFX

Path: \PROJ1\83G_MAP

Sub-directories: None

Files: E0001 .PLT
E0003 .PLT
E0009 .PLT
E0010 .PLT
E0011 .PLT
E0012 .PLT
E0004 .PLT
E0005 .PLT
E0006 .PLT
E0007 .PLT
E0008 .PLT
E0002 .PLT

Path: \PROJ1\OUTCROPS

Sub-directories: None

Files: E0001 .PLT
E0004 .PLT
E0005 .PLT
E0003 .PLT
E0002 .PLT

Path: \PROJ1\83G_PRO3

Sub-directories: None

Files: ARC
TIC
BND
LOG
MSK
LAB
PAT
ARX
AAT

Path: \PROJ1\NTS

Sub-directories: None

Files: LOG TIM
TIC
BND
LOG
ARC
ARX
LAB
TXT
TXX

Path: \PROJ1\ERCBOLT

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
PAT
TXT
TXX
LAB

Path: \PROJ1\ERCB_AB

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
TXT
TXX
PAT
LAB

Path: \PROJ1\OILW83G

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
TXT
TXX
PAT
LAB

Path: \PROJ1\83G_NW

Sub-directories: None

Files: LOG
TIC
BND
ARC
ARX
LAB
CNT
PAT
CNX
AAT
PAL
PAX

Path: \PROJ1\83G_NE

Sub-directories: None

Files: LOG
TIC
BND
ARC
ARX
LAB
CNT
PAT
CNX
AAT
PAL
PAX

Path: \PROJ1\83G_SW

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAL
PAX
BND
PAT

Path: \PROJ1\83G_SE

Sub-directories: None

Files: TIC
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LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAL
PAX
BND
PAT

Path: \PROJ1\83G

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAL
PAX

BND
PAT

Path: \PROJ1\CROPBUF

Sub-directories: None

Files: LOG
TIC
LAB
TOL
CNT
CNX
PAT
ARC
ARX
PAL
PAX
BND

Path: \PROJ1\ATS

Sub-directories: None

Files: BND
TIC
LOG
TOL
ARC
AAT
ARX
NRF

Path: \PROJ1\RIV

Sub-directories: None

Files: AAT
BND
TIC
LOG
GAT
PTN
ARC
SIF
ARX

Path: \PROJ1\LAK

Sub-directories: None

Files: LOG
BND
TIC
ARF
GAT
PTN
SIF
ARC
AAT
ARX

Path: \PROJ1\HWY

Sub-directories: None

Files: LOG
BND
TIC
AAT
GAT
PTN
SIF
ARF
ARC
ARX

Path: \PROJ1\SET

Sub-directories: None

Files: BND
TIC
LOG
GAT
PTN
AAT
SIF
ARF
ARC
ARX

Path: \PROJ1\MDB

Sub-directories: None

Files: BND
TIC
LOG
GAT
PTN
SIF
ARF
ARC
ARX
AAT

Path: \PROJ1\83G1

Sub-directories: None

Files: ARC
TIC
LOG
TOL
LAB
NRF
CNT
MSK
BND
CNX
PAL
PAX
PAT
ARX

Path: \PROJ1\83G_NW1

Sub-directories: None

Files: LOG
TIC
BND
ARC

ARX
LAB
CNT
PAT
CNX
AAT
PAL
PAX

Path: \PROJ1\MINED

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \PROJ1\83G3

Sub-directories: None

Files: ARC
TIC
LOG
TOL
LAB
NRF
CNT
MSK
BND
CNX
PAL
PAX
PAT
ARX

Path: \PROJ1\WAB_DEMO

Sub-directories: None

Files: E0003 .PLT
E0001 .PLT
E0002 .PLT
E0004 .PLT
E0005 .PLT
E0006 .PLT

Path: \PROJ1\BUFWELL

Sub-directories: None

Files: E0001 .PLT
E0002 .PLT
E0003 .PLT
E0004 .PLT
E0005 .PLT
E0006 .PLT

Path: \PROJ1\OILBUF

Sub-directories: None

Files: LOG
TIC
LAB
TOL
CNT
CNX
PAT
ARC
ARX
PAL
PAX
BND

Path: \PROJ1\ALBERTA

Sub-directories: None

Files: TIC
LOG
TXT
TXX
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN

Sub-directories: TWPS
SAREA
MINES
OR_DATA

Files: LOG
FORT1

Path: \WABAMUN\TWPS

Sub-directories: T5355
T5345
T5255
T5245
T5155
T5145
T5045
T5035

Files: LOG

Path: \WABAMUN\TWPS\T5355

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
SET
MDB
HISO1
HISO2
HNGEOL
WISO3
WFMS
WSCT3
UNDER
UNCERT
SURF
STAT
HNSC1
MAP1

Files: MANUAL .SML
HISO1 .KEY
LOG
PRINTER .SML
MANUAL .~SM
LOG .TIM
HISO2 .KEY
GEO .KEY
HNSC1 .KEY
WFMS .KEY
WSCT3 .KEY

Path: \WABAMUN\TWPS\T5355\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
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CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

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ARC052 .DAT
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ARC008 .NIT
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ARC062 .NIT
ARC062 .DAT
ARC063 .NIT
ARC063 .DAT

Path: \WABAMUN\TWPS\T5355\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5355\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5355\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5355\SET

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5355\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5355\HISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF

AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\HISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\HNGEOL

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5355\WISO3

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\WFMS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\WSCT3

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\UNDER

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5355\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5355\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB

TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5355\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5355\HNSC1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5355\MAP1

Sub-directories: None

Files: E0001 .PLT

Path: \WABAMUN\TWPS\T5345

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
SET
MDB
WISO3
WFMS
WSCT3
MINED
LIC
PERM
STAT
UNDER
UNCERT
SURF

Files: LOG
WISO3 .KEY
MANUAL .~SM
MANUAL .SML
WFMS .KEY
WSCT3 .KEY
PRINTER .SML

Path: \WABAMUN\TWPS\T5345\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5345\INFO

Sub-directories: None

Files: ARC .DR9
ARC008 .NIT
ARC008 .DAT
ARC005 .NIT
ARC005 .DAT
ARC004 .NIT
ARC004 .DAT
ARC003 .NIT
ARC003 .DAT
ARC038 .NIT
ARC038 .DAT
ARC037 .NIT
ARC037 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC028 .NIT
ARC028 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT
ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT

ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC027 .NIT
ARC027 .DAT
ARC026 .NIT
ARC026 .DAT
ARC025 .NIT
ARC025 .DAT
ARC040 .NIT
ARC042 .NIT
ARC029 .NIT
ARC029 .DAT
ARC030 .NIT
ARC030 .DAT
ARC031 .NIT
ARC031 .DAT
ARC032 .NIT
ARC032 .DAT
ARC033 .NIT
ARC033 .DAT
ARC034 .NIT
ARC034 .DAT
ARC035 .NIT
ARC035 .DAT
ARC036 .NIT
ARC036 .DAT
ARC040 .DAT
ARC042 .DAT
ARC041 .NIT
ARC041 .DAT
ARC039 .NIT
ARC039 .DAT
ARC002 .NIT
ARC002 .DAT
ARC001 .NIT
ARC001 .DAT
ARC000 .NIT
ARC000 .DAT
ARC043 .NIT
ARC043 .DAT
ARC044 .NIT
ARC044 .DAT
ARC045 .NIT
ARC045 .DAT
ARC046 .NIT
ARC046 .DAT
ARC047 .NIT
ARC047 .DAT
ARC048 .NIT
ARC048 .DAT
ARC049 .NIT
ARC049 .DAT
ARC050 .NIT
ARC050 .DAT
ARC051 .NIT
ARC051 .DAT
ARC052 .NIT
ARC052 .DAT
ARC053 .NIT
ARC053 .DAT
ARC054 .NIT
ARC054 .DAT
ARC055 .NIT
ARC055 .DAT
ARC056 .NIT
ARC056 .DAT
ARC057 .NIT
ARC057 .DAT
ARC058 .NIT
ARC058 .DAT
ARC059 .NIT
ARC059 .DAT

Path: \WABAMUN\TWPS\T5345\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5345\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5345\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5345\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5345\SET

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5345\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5345\WISO3

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5345\WFMS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5345\WSCT3

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5345\MINED

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5345\LIC

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5345\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF

PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5345\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5345\UNDER

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5345\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5345\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5255

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
HISO1
HISO2
HNGEOL
MINED
LIC
STAT
HNSC1
PERM
SURF

Files: LOG
NMMMMMMM.$
MANUAL .SML
HISO1 .KEY
HISO2 .KEY
HNGEOL .KEY
HNSC1 .KEY
PRINTER .SML
MANUAL .~SM

Path: \WABAMUN\TWPS\T5255\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5255\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC032 .NIT
ARC032 .DAT
ARC031 .NIT
ARC031 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC034 .NIT
ARC036 .NIT
ARC016 .NIT

ARC016 .DAT
ARC017 .NIT
ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT
ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC025 .NIT
ARC025 .DAT
ARC026 .NIT
ARC026 .DAT
ARC027 .NIT
ARC027 .DAT
ARC028 .NIT
ARC028 .DAT
ARC029 .NIT
ARC029 .DAT
ARC030 .NIT
ARC030 .DAT
ARC034 .DAT
ARC036 .DAT
ARC035 .NIT
ARC035 .DAT
ARC033 .NIT
ARC033 .DAT
ARC008 .NIT
ARC008 .DAT
ARC005 .NIT
ARC005 .DAT
ARC004 .NIT
ARC004 .DAT
ARC037 .NIT
ARC037 .DAT
ARC038 .NIT
ARC038 .DAT
ARC039 .NIT
ARC039 .DAT
ARC040 .NIT
ARC040 .DAT
ARC041 .NIT
ARC041 .DAT
ARC042 .NIT
ARC042 .DAT
ARC043 .NIT
ARC043 .DAT
ARC044 .NIT
ARC044 .DAT
ARC045 .NIT
ARC045 .DAT
ARC046 .NIT
ARC046 .DAT
ARC047 .NIT
ARC047 .DAT
ARC048 .NIT
ARC048 .DAT
ARC049 .NIT
ARC049 .DAT
ARC050 .NIT
ARC050 .DAT
ARC051 .NIT
ARC051 .DAT

Path: \WABAMUN\TWPS\T5255\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5255\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5255\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5255\HISO1

Sub-directories: None

Files: BND
TIC

TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\HISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\HNGEOL

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\MINED

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\LIC

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5255\HNSC1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5255\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB

NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5255\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5245

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
SET
HISO1
HISO2
HSLS
HNGEOL
HSDBED
MINED
LIC
PERM
STAT
HNSC1
UNDER
UNCERT
SURF

Files: LOG
HISO1 .KEY
PRINTER .SML
MANUAL .SML
MANUAL .~SM
HISO2 .KEY
HNGEOL .KEY
HSLS .KEY
HNSC1 .KEY
HSDBED .KEY

Path: \WABAMUN\TWPS\T5245\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5245\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC043 .NIT
ARC043 .DAT
ARC042 .NIT
ARC042 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC029 .NIT
ARC029 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT
ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT
ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC025 .NIT
ARC025 .DAT
ARC041 .NIT
ARC041 .DAT
ARC028 .NIT
ARC028 .DAT
ARC027 .NIT
ARC027 .DAT
ARC008 .NIT
ARC008 .DAT
ARC030 .NIT
ARC030 .DAT
ARC031 .NIT
ARC031 .DAT

```
ARC032   .NIT
ARC032   .DAT
ARC033   .NIT
ARC033   .DAT
ARC034   .NIT
ARC034   .DAT
ARC035   .NIT
ARC035   .DAT
ARC036   .NIT
ARC036   .DAT
ARC037   .NIT
ARC037   .DAT
ARC040   .NIT
ARC040   .DAT
ARC039   .NIT
ARC039   .DAT
ARC038   .NIT
ARC038   .DAT
ARC045   .NIT
ARC047   .NIT
ARC045   .DAT
ARC047   .DAT
ARC046   .NIT
ARC046   .DAT
ARC044   .NIT
ARC044   .DAT
ARC026   .NIT
ARC026   .DAT
ARC005   .NIT
ARC005   .DAT
ARC004   .NIT
ARC004   .DAT
ARC048   .NIT
ARC048   .DAT
ARC049   .NIT
ARC049   .DAT
ARC050   .NIT
ARC050   .DAT
ARC051   .NIT
ARC051   .DAT
ARC052   .NIT
ARC052   .DAT
ARC053   .NIT
ARC053   .DAT
ARC054   .NIT
ARC054   .DAT
ARC055   .NIT
ARC055   .DAT
ARC056   .NIT
ARC056   .DAT
ARC057   .NIT
ARC057   .DAT
ARC058   .NIT
ARC058   .DAT
ARC059   .NIT
ARC059   .DAT
ARC060   .NIT
ARC060   .DAT
ARC061   .NIT
ARC061   .DAT
ARC062   .NIT
ARC062   .DAT
ARC063   .NIT
ARC063   .DAT
ARC064   .NIT
ARC064   .DAT
ARC065   .NIT
ARC065   .DAT
ARC066   .NIT
ARC066   .DAT
ARC067   .NIT
ARC067   .DAT
ARC068   .NIT
ARC068   .DAT
```

Path: \WABAMUN\TWPS\T5245\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5245\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5245\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5245\SET

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5245\HISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\HISO2

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT
AAT

Path: \WABAMUN\TWPS\T5245\HSLS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\HNGEOL

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\HSDBED

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\MINED

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\LIC

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT

NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5245\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5245\HNSC1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5245\UNDER

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5245\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5245\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5155

Sub-directories: BND
INFO
ATS
RIV
HWY
STAT

Files: MANUAL .SML
LOG
LOG .TIM
PRINTER .SML
FORT1
MANUAL .~SM

Path: \WABAMUN\TWPS\T5155\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5155\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC016 .NIT
ARC016 .DAT
ARC015 .NIT
ARC015 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC018 .NIT
ARC012 .NIT
ARC012 .DAT
ARC013 .NIT
ARC013 .DAT
ARC014 .NIT
ARC014 .DAT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC017 .NIT
ARC017 .DAT

Path: \WABAMUN\TWPS\T5155\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5155\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5155\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5155\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5145

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
HISO1
HISO2
HSLS
HSDBED
PERM
STAT

Files: LOG
PRINTER .SML
MANUAL .~SM
HSDBED .KEY
STAT .KEY
HISO1 .KEY
HISO2 .KEY
HSLS .KEY
MANUAL .SML

Path: \WABAMUN\TWPS\T5145\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5145\INFO

Sub-directories: None

Files:
ARC .DR9
ARC008 .NIT
ARC008 .DAT
ARC005 .NIT
ARC005 .DAT
ARC004 .NIT
ARC004 .DAT
ARC003 .NIT
ARC003 .DAT
ARC036 .NIT
ARC036 .DAT
ARC035 .NIT
ARC035 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC034 .NIT
ARC034 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT
ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT
ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC025 .NIT
ARC025 .DAT
ARC026 .NIT
ARC026 .DAT
ARC027 .NIT
ARC027 .DAT
ARC028 .NIT
ARC028 .DAT
ARC029 .NIT
ARC029 .DAT
ARC030 .NIT
ARC030 .DAT
ARC033 .NIT
ARC033 .DAT
ARC032 .NIT
ARC032 .DAT
ARC031 .NIT
ARC031 .DAT
ARC038 .NIT
ARC040 .NIT
ARC038 .DAT
ARC040 .DAT
ARC039 .NIT
ARC039 .DAT
ARC037 .NIT
ARC037 .DAT
ARC002 .NIT
ARC002 .DAT
ARC001 .NIT
ARC001 .DAT
ARC000 .NIT
ARC000 .DAT

Path: \WABAMUN\TWPS\T5145\ATS

Sub-directories: None

Files:
TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5145\RIV

Sub-directories: None

Files:
BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5145\LAK

Sub-directories: None

Files:
BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5145\HWY

Sub-directories: None

Files:
BND

TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5145\HISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5145\HISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5145\HSLS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5145\HSDBED

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5145\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5145\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5045

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
HISO1
HISO2
MDB
HSLS
HSDBED
PERM
STAT

Files: MANUAL .~SM
PRINTER .SML

LOG
HISO2 .KEY
STAT .KEY
HSDBED .~KE
HISO1 .~KE
HISO1 .KEY
HSDBED .KEY
MANUAL .SML
HSLS .KEY

Path: \WABAMUN\TWPS\T5045\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5045\INFO

Sub-directories: None

Files: ARC .DR9
ARC008 .NIT
ARC008 .DAT
ARC005 .NIT
ARC005 .DAT
ARC004 .NIT
ARC004 .DAT
ARC003 .NIT
ARC003 .DAT
ARC039 .NIT
ARC039 .DAT
ARC038 .NIT
ARC038 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC037 .NIT
ARC037 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT
ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT
ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC025 .NIT
ARC025 .DAT
ARC026 .NIT
ARC026 .DAT
ARC027 .NIT
ARC027 .DAT
ARC028 .NIT
ARC028 .DAT
ARC029 .NIT
ARC029 .DAT
ARC030 .NIT
ARC030 .DAT
ARC031 .NIT
ARC031 .DAT
ARC032 .NIT
ARC032 .DAT
ARC033 .NIT
ARC033 .DAT
ARC036 .NIT
ARC036 .DAT
ARC035 .NIT
ARC035 .DAT
ARC034 .NIT
ARC034 .DAT
ARC041 .NIT
ARC043 .NIT
ARC041 .DAT
ARC043 .DAT
ARC042 .NIT
ARC042 .DAT
ARC040 .NIT
ARC040 .DAT
ARC002 .NIT
ARC002 .DAT
ARC001 .NIT
ARC001 .DAT
ARC000 .NIT
ARC000 .DAT

Path: \WABAMUN\TWPS\T5045\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5045\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5045\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5045\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5045\HISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5045\HISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5045\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5045\HSLS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5045\HSDBED

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5045\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5045\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5035

Sub-directories: BND
INFO
ATS
RIV
LAK
HWY
MDB
HSDBED
GHSC
GDRILLH
GTUM
GSCLM
GDCLM
GTLM
GACHS
GACLM
GSCHS
GOTC
LIC
PERM
UNCERT
STAT
SURF

Files: LOG
PRINTER .SML
MANUAL .~SM
GDRILLH .~KE
GSCLM .KEY
GDCLM .KEY
GACHS .KEY
GACLM .KEY
GDRILLH .KEY
MANUAL .SML
GSCHS .KEY
GOTC .KEY
STAT .KEY

Path: \WABAMUN\TWPS\T5035\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\TWPS\T5035\INFO

Sub-directories: None

Files: ARC DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC005 .NIT
ARC005 .DAT
ARC007 .NIT
ARC007 .DAT
ARC006 .NIT
ARC006 .DAT
ARC006 .NIT
ARC006 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC004 .NIT
ARC004 .DAT
ARC003 .NIT
ARC003 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT
ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT
ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC025 .NIT

ARC025 .DAT
ARC062 .NIT
ARC062 .DAT
ARC061 .NIT
ARC061 .DAT
ARC060 .NIT
ARC060 .DAT
ARC059 .NIT
ARC059 .DAT
ARC058 .NIT
ARC058 .DAT
ARC057 .NIT
ARC057 .DAT
ARC056 .NIT
ARC056 .DAT
ARC055 .NIT
ARC055 .DAT
ARC054 .NIT
ARC054 .DAT
ARC053 .NIT
ARC053 .DAT
ARC052 .NIT
ARC052 .DAT
ARC051 .NIT
ARC051 .DAT
ARC050 .NIT
ARC050 .DAT
ARC049 .NIT
ARC049 .DAT
ARC048 .NIT
ARC048 .DAT
ARC047 .NIT
ARC047 .DAT
ARC046 .NIT
ARC046 .DAT
ARC045 .NIT
ARC045 .DAT
ARC044 .NIT
ARC044 .DAT
ARC043 .NIT
ARC043 .DAT
ARC042 .NIT
ARC042 .DAT
ARC041 .NIT
ARC041 .DAT
ARC040 .NIT
ARC040 .DAT
ARC039 .NIT
ARC039 .DAT
ARC038 .NIT
ARC038 .DAT
ARC037 .NIT
ARC037 .DAT
ARC036 .NIT
ARC036 .DAT
ARC035 .NIT
ARC035 .DAT
ARC034 .NIT
ARC034 .DAT
ARC033 .NIT
ARC033 .DAT
ARC032 .NIT
ARC032 .DAT
ARC031 .NIT
ARC031 .DAT
ARC030 .NIT
ARC030 .DAT
ARC029 .NIT
ARC029 .DAT
ARC028 .NIT
ARC028 .DAT
ARC027 .NIT
ARC027 .DAT
ARC026 .NIT
ARC026 .DAT
ARC068 .NIT
ARC070 .NIT
ARC068 .DAT
ARC070 .DAT
ARC005 .NIT
ARC005 .DAT
ARC069 .NIT
ARC069 .DAT
ARC067 .NIT
ARC067 .DAT
ARC009 .NIT
ARC009 .DAT
ARC008 .NIT
ARC008 .DAT
ARC004 .NIT
ARC004 .DAT
ARC071 .NIT
ARC071 .DAT
ARC072 .NIT
ARC072 .DAT
ARC073 .NIT
ARC073 .DAT
ARC074 .NIT
ARC074 .DAT
ARC075 .NIT
ARC075 .DAT
ARC076 .NIT
ARC076 .DAT
ARC077 .NIT
ARC077 .DAT
ARC078 .NIT
ARC078 .DAT
ARC079 .NIT
ARC079 .DAT
ARC080 .NIT
ARC080 .DAT

Path: \WABAMUN\TWPS\T5035\ATS

Sub-directories: None

Files: TIC
ARF
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\TWPS\T5035\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5035\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
AAT
NRF
ARF
ARC
ARX

Path: \WABAMUN\TWPS\T5035\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\TWPS\T5035\HSDBED

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\GHSC

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
ARF
AAT

Path: \WABAMUN\TWPS\T5035\GDRILLH

Sub-directories: None

Files: BND
TIC
LOG
LAB
PAT

Path: \WABAMUN\TWPS\T5035\GTUM

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
ARF
AAT

Path: \WABAMUN\TWPS\T5035\GSCLM

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\GDCLM

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT
AAT

Path: \WABAMUN\TWPS\T5035\GTLM

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
ARF
AAT

Path: \WABAMUN\TWPS\T5035\GACHS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\GACLM

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\GSCHS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\GOTC

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\LIC

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\TWPS\T5035\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\TWPS\T5035\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\TWPS\T5035\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\TWPS\T5035\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\SAREA

Sub-directories: ATS
INFO
BND
RIV
LAK
HWY
SET
MDB
MINED
STAT
LIC
PERM
UNDER
UNCERT
SURF
TWPS
OILBUF

Files: LOG
MANUAL .~SM
MANUAL .SML
PRINTER .SML
LOG .TIM

Path: \WABAMUN\SAREA\ATS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\SAREA\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC004 .NIT
ARC004 .DAT
ARC005 .NIT
ARC005 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC008 .NIT
ARC008 .DAT
ARC009 .NIT
ARC009 .DAT
ARC010 .NIT
ARC010 .DAT
ARC011 .NIT
ARC011 .DAT
ARC012 .NIT
ARC012 .DAT
ARC013 .NIT
ARC013 .DAT
ARC014 .NIT
ARC014 .DAT
ARC015 .NIT
ARC015 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT

```
ARC017  .DAT        Path: \WABAMUN\SAREA\BND
ARC018  .NIT
ARC018  .DAT        Sub-directories:   None
ARC019  .NIT
ARC019  .DAT        Files:              TIC
ARC020  .NIT                            AAT
ARC020  .DAT                            LOG
ARC021  .NIT                            TOL
ARC021  .DAT                            LAB
ARC022  .NIT                            NRF
ARC022  .DAT                            CNT
ARC028  .NIT                            ARC
ARC028  .DAT                            ARX
ARC026  .NIT                            CNX
ARC026  .DAT                            PAT
ARC027  .NIT                            PAL
ARC027  .DAT                            PAX
ARC023  .NIT                            BND
ARC023  .DAT
ARC025  .NIT
ARC025  .DAT
ARC024  .NIT        Path: \WABAMUN\SAREA\RIV
ARC024  .DAT
ARC142  .NIT        Sub-directories:   None
ARC142  .DAT
ARC143  .NIT        Files:              BND
ARC143  .DAT                            TIC
ARC138  .NIT                            TOL
ARC138  .DAT                            LOG
ARC032  .NIT                            ARC
ARC032  .DAT                            AAT
ARC137  .NIT                            ARX
ARC137  .DAT                            NRF
ARC031  .NIT
ARC031  .DAT
ARC141  .NIT
ARC141  .DAT        Path: \WABAMUN\SAREA\LAK
ARC140  .NIT
ARC140  .DAT        Sub-directories:   None
ARC037  .NIT
ARC037  .DAT        Files:              BND
ARC136  .NIT                            TIC
ARC136  .DAT                            TOL
ARC135  .NIT                            LOG
ARC135  .DAT                            ARC
ARC040  .NIT                            AAT
ARC040  .DAT                            ARX
ARC041  .NIT                            NRF
ARC041  .DAT
ARC042  .NIT
ARC042  .DAT
ARC043  .NIT        Path: \WABAMUN\SAREA\HWY
ARC043  .DAT
ARC044  .NIT        Sub-directories:   None
ARC044  .DAT
ARC045  .NIT        Files:              BND
ARC045  .DAT                            TIC
ARC046  .NIT                            TOL
ARC046  .DAT                            LOG
ARC047  .NIT                            ARC
ARC047  .DAT                            AAT
ARC139  .NIT                            ARX
ARC139  .DAT                            NRF
ARC134  .NIT
ARC134  .DAT
ARC133  .NIT
ARC133  .DAT        Path: \WABAMUN\SAREA\SET
ARC126  .NIT
ARC126  .DAT        Sub-directories:   None
ARC121  .NIT
ARC121  .DAT        Files:              BND
ARC120  .NIT                            TIC
ARC120  .DAT                            TOL
ARC119  .NIT                            LOG
ARC119  .DAT                            ARC
                                        AAT
```

ARX
NRF

Path: \WABAMUN\SAREA\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\SAREA\MINED

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\SAREA\STAT

Sub-directories: None

Files: BND
TIC
LOG
TXT
TXX
PRF
PAT
AAT
LAB

Path: \WABAMUN\SAREA\LIC

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\SAREA\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\SAREA\UNDER

Sub-directories: None

Files: BND
PAT
TIC
LOG
TXT
TXX
PRF
LAB

Path: \WABAMUN\SAREA\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
TXT
PRF
TXX
PAT
LAB

Path: \WABAMUN\SAREA\SURF

Sub-directories: None

Files: PAT
BND
TIC
LOG
TXT
TXX
PRF
LAB

Path: \WABAMUN\SAREA\TWPS

Sub-directories: None

Files:
- ARC
- TIC
- LOG
- TOL
- LAB
- NRF
- CNT
- MSK
- BND
- CNX
- PAT
- PFF
- PFX
- ARX
- AAT

Path: \WABAMUN\SAREA\OILBUF

Sub-directories: None

Files:
- LOG
- TIC
- LAB
- TOL
- CNT
- CNX
- PAT
- ARC
- ARX
- PAL
- PAX
- BND

Path: \WABAMUN\MINES

Sub-directories: HIGHVA
- HIGHVN
- HIGHVS
- WHITE
- GENE

Files: None

Path: \WABAMUN\MINES\HIGHVA

Sub-directories: HV .PNT
- INFO
- MINED
- PERM
- STAT
- LIC
- UNDER
- SURF
- UNCERT
- ISO1
- ISO2
- ATS
- RIV
- LAK
- BND
- HWY
- SET
- MDB
- HVPNT
- OVB
- SMPCD
- SEAM1
- SEAM2
- SEAM3
- SEAM4
- SEAM5
- SEAM6
- MAP1

Files: LOG
- SEAM1 .SML
- ISO1 .KEY
- PRINTER .SML
- ISO2 .KEY
- SEAM6 .SML
- ROLLOUT .TMP
- SEAM .KEY
- STRAT .KEY
- SEAM1 .~SM
- SEAM4 .SML
- SEAM3 .~SM
- MANUAL .~SM
- SEAM4 .~SM
- SEAM3 .SML
- SEAM6 .~SM
- HV2 .~SM
- HV2 .SML
- SEAM5 .SML
- SEAM2 .~SM
- SEAM2 .SML
- SEAM5 .~SM
- T$0000
- T$0000X
- MANUAL .SML

Path: \WABAMUN\MINES\HIGHVA\HV.PNT

Sub-directories: None

Files: TIC
- BND
- LOG
- ARC
- ARX
- TXT
- TXX
- PAT
- LAB

Path: \WABAMUN\MINES\HIGHVA\INFO

Sub-directories: None

Files: ARC .DR9
- ARC030 .NIT
- ARC030 .DAT
- ARC029 .NIT
- ARC029 .DAT
- ARC028 .NIT
- ARC028 .DAT
- ARC027 .NIT
- ARC026 .NIT
- ARC027 .DAT
- ARC026 .DAT
- ARC025 .NIT
- ARC025 .DAT
- ARC024 .NIT
- ARC024 .DAT
- ARC023 .NIT
- ARC023 .DAT
- ARC022 .NIT
- ARC022 .DAT
- ARC021 .NIT

ARC021 .DAT
ARC020 .NIT
ARC020 .DAT
ARC019 .NIT
ARC019 .DAT
ARC018 .NIT
ARC018 .DAT
ARC013 .NIT
ARC013 .DAT
ARC032 .NIT
ARC032 .DAT
ARC031 .NIT
ARC031 .DAT
ARC017 .NIT
ARC017 .DAT
ARC016 .NIT
ARC016 .DAT
ARC012 .NIT
ARC012 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC008 .NIT
ARC008 .DAT
ARC007 .NIT
ARC007 .DAT
ARC006 .NIT
ARC006 .DAT
ARC005 .NIT
ARC005 .DAT
ARC004 .NIT
ARC004 .DAT
ARC003 .NIT
ARC003 .DAT
ARC002 .NIT
ARC002 .DAT
ARC001 .NIT
ARC001 .DAT
ARC000 .NIT
ARC000 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC033 .NIT
ARC033 .DAT
ARC034 .NIT
ARC034 .DAT
ARC035 .NIT
ARC035 .DAT
ARC036 .NIT
ARC036 .DAT
ARC037 .NIT
ARC037 .DAT
ARC038 .NIT
ARC038 .DAT
ARC039 .NIT
ARC039 .DAT
ARC040 .NIT
ARC040 .DAT
ARC041 .NIT
ARC041 .DAT
ARC042 .NIT
ARC042 .DAT
ARC043 .NIT
ARC043 .DAT
ARC044 .NIT
ARC044 .DAT
ARC045 .NIT
ARC045 .DAT
ARC046 .NIT
ARC046 .DAT
ARC047 .NIT
ARC047 .DAT
ARC048 .NIT
ARC048 .DAT
ARC049 .NIT
ARC049 .DAT
ARC050 .NIT
ARC050 .DAT
ARC051 .NIT
ARC051 .DAT
ARC052 .NIT
ARC052 .DAT
ARC053 .NIT
ARC053 .DAT
ARC054 .NIT
ARC054 .DAT
ARC055 .NIT
ARC055 .DAT
ARC056 .NIT
ARC056 .DAT
ARC057 .NIT
ARC057 .DAT
ARC058 .NIT
ARC058 .DAT
ARC059 .NIT
ARC059 .DAT
ARC060 .NIT
ARC060 .DAT
ARC061 .NIT
ARC061 .DAT
ARC062 .NIT
ARC062 .DAT
ARC063 .NIT
ARC063 .DAT
ARC064 .NIT
ARC064 .DAT
ARC065 .NIT
ARC065 .DAT
ARC066 .NIT
ARC066 .DAT
ARC067 .NIT
ARC067 .DAT
ARC068 .NIT
ARC068 .DAT
ARC069 .NIT
ARC069 .DAT
ARC070 .NIT
ARC070 .DAT
ARC071 .NIT
ARC071 .DAT
ARC072 .NIT
ARC072 .DAT
ARC073 .NIT
ARC073 .DAT
ARC074 .NIT
ARC074 .DAT
ARC075 .NIT
ARC075 .DAT
ARC076 .NIT
ARC076 .DAT
ARC077 .NIT
ARC077 .DAT
ARC078 .NIT
ARC078 .DAT
ARC079 .NIT
ARC079 .DAT
ARC080 .NIT
ARC080 .DAT
ARC081 .NIT
ARC081 .DAT
ARC082 .NIT
ARC082 .DAT
ARC083 .NIT
ARC083 .DAT
ARC084 .NIT
ARC084 .DAT

Path: \WABAMUN\MINES\HIGHVA\MINED

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\MINES\HIGHVA\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVA\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\MINES\HIGHVA\LIC

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVA\UNDER

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\HIGHVA\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\HIGHVA\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\HIGHVA\ISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVA\ISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVA\ATS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVA\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVA\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVA\BND

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\MINES\HIGHVA\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVA\SET

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVA\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVA\HVPNT

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
PAT
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\OVB

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SMPCD

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SEAM1

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SEAM2

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SEAM3

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SEAM4

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SEAM5

Sub-directories: None

Files: PAT
TIC
BND
LOG
ARC
ARX
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\SEAM6

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
PAT
TXT
TXX
LAB

Path: \WABAMUN\MINES\HIGHVA\MAP1

Sub-directories: None

Files: E0001 .PLT
E0002 .PLT

Path: \WABAMUN\MINES\HIGHVN

Sub-directories: ISO1
INFO
PITBND
ISO2
MINED
STAT
PERM
SC1
LIC
UNDER
SURF
UNCERT
BND

GEOL
ATS
RIV
LAK
HWY
SET

Files: LOG
MANUAL .SML
GEOL .KEY
ISO1A .KEY
ISO2B .~KE
SC1B .~KE
PRINTER .SML
ISO1B .KEY
ISO2A .~KE
SC1A .~KE
ISO1A .~KE
ISO1B .~KE
ISO2A .KEY
ISO2B .KEY
SC1A .KEY
SC1B .KEY
MANUAL .~SM
LOG .TIM
FORT1

Path: \WABAMUN\MINES\HIGHVN\ISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
TXT
ARC
ARX
TXX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVN\INFO

Sub-directories: None

Files: ARC .DR9
ARC035 .NIT
ARC035 .DAT
ARC034 .NIT
ARC034 .DAT
ARC033 .NIT
ARC033 .DAT
ARC032 .NIT
ARC032 .DAT
ARC039 .NIT
ARC039 .DAT
ARC038 .NIT
ARC038 .DAT
ARC037 .NIT
ARC037 .DAT
ARC036 .NIT
ARC036 .DAT
ARC031 .NIT
ARC031 .DAT
ARC030 .NIT
ARC030 .DAT
ARC029 .NIT
ARC029 .DAT
ARC028 .NIT
ARC028 .DAT
ARC040 .NIT
ARC040 .DAT
ARC041 .NIT
ARC041 .DAT
ARC046 .NIT
ARC046 .DAT
ARC045 .NIT
ARC045 .DAT
ARC027 .NIT
ARC027 .DAT
ARC044 .NIT
ARC026 .NIT
ARC044 .DAT
ARC026 .DAT
ARC025 .NIT
ARC025 .DAT
ARC024 .NIT
ARC024 .DAT
ARC023 .NIT
ARC023 .DAT
ARC022 .NIT
ARC022 .DAT
ARC021 .NIT
ARC021 .DAT
ARC020 .NIT
ARC020 .DAT
ARC019 .NIT
ARC019 .DAT
ARC018 .NIT
ARC018 .DAT
ARC017 .NIT
ARC017 .DAT
ARC016 .NIT
ARC016 .DAT
ARC015 .NIT
ARC015 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC011 .NIT
ARC011 .DAT
ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC008 .NIT
ARC008 .DAT
ARC007 .NIT
ARC007 .DAT
ARC006 .NIT
ARC006 .DAT
ARC005 .NIT
ARC005 .DAT
ARC004 .NIT
ARC004 .DAT
ARC003 .NIT
ARC003 .DAT
ARC042 .NIT
ARC042 .DAT
ARC043 .NIT
ARC043 .DAT
ARC002 .NIT
ARC002 .DAT
ARC001 .NIT
ARC001 .DAT
ARC000 .NIT
ARC000 .DAT
ARC047 .NIT

ARC047 .DAT
ARC048 .NIT
ARC048 .DAT
ARC049 .NIT
ARC049 .DAT
ARC050 .NIT
ARC050 .DAT
ARC051 .NIT
ARC051 .DAT
ARC052 .NIT
ARC052 .DAT
ARC053 .NIT
ARC053 .DAT
ARC054 .NIT
ARC054 .DAT
ARC055 .NIT
ARC055 .DAT
ARC056 .NIT
ARC056 .DAT
ARC057 .NIT
ARC057 .DAT
ARC058 .NIT
ARC058 .DAT
ARC059 .NIT
ARC059 .DAT
ARC060 .NIT
ARC060 .DAT
ARC061 .NIT
ARC061 .DAT
ARC062 .NIT
ARC062 .DAT
ARC063 .NIT
ARC063 .DAT

Path: \WABAMUN\MINES\HIGHVN\PITBND

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVN\ISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVN\MINED

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\MINES\HIGHVN\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\MINES\HIGHVN\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVN\SC1

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX

PRF
PAL
PAX
BND
PAT
AAT

Path: \WABAMUN\MINES\HIGHVN\LIC

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVN\UNDER

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\HIGHVN\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\HIGHVN\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\HIGHVN\BND

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\MINES\HIGHVN\GEOL

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVN\ATS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVN\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVN\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVN\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVN\SET

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVS

Sub-directories: ATS
INFO
BND
DBED
ISOLS
ISO2
RIV
LAK
ISO1
HWY
MDB
PERM
LIC
STAT

Files: LOG
ISOLS2 .~KE
ISOLS1 .KEY
ISOLS .~KE
ISO1 .~KE
ISO2 .KEY
DBED .KEY
PRINTER .SML
ISO1 .KEY
ISOLS2 .KEY
LOG .TIM
MANUAL .~SM
MANUAL .SML
FORT1

Path: \WABAMUN\MINES\HIGHVS\ATS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVS\INFO

Sub-directories: None

Files: ARC .DR9
ARC027 .NIT
ARC027 .DAT
ARC026 .NIT
ARC026 .DAT
ARC025 .NIT
ARC025 .DAT
ARC024 .NIT
ARC024 .DAT
ARC035 .NIT
ARC035 .DAT
ARC034 .NIT
ARC034 .DAT
ARC033 .NIT
ARC033 .DAT
ARC039 .NIT
ARC039 .DAT
ARC023 .NIT
ARC023 .DAT
ARC022 NIT
ARC022 .DAT
ARC021 .NIT
ARC021 .DAT
ARC020 .NIT
ARC020 .DAT
ARC019 .NIT
ARC019 .DAT
ARC018 .NIT
ARC018 .DAT
ARC016 .NIT
ARC016 .DAT
ARC015 .NIT
ARC015 .DAT
ARC017 .NIT
ARC017 .DAT
ARC014 .NIT
ARC014 .DAT
ARC013 .NIT
ARC013 .DAT
ARC012 .NIT
ARC012 .DAT
ARC031 .NIT
ARC031 .DAT
ARC030 .NIT
ARC030 .DAT
ARC029 .NIT
ARC029 .DAT
ARC028 .NIT
ARC028 .DAT
ARC011 .NIT
ARC011 .DAT

ARC010 .NIT
ARC010 .DAT
ARC009 .NIT
ARC009 .DAT
ARC008 .NIT
ARC008 .DAT
ARC038 .NIT
ARC038 .DAT
ARC037 .NIT
ARC037 .DAT
ARC032 .NIT
ARC032 .DAT
ARC047 .NIT
ARC046 .NIT
ARC003 .NIT
ARC003 .DAT
ARC002 .NIT
ARC002 .DAT
ARC001 .NIT
ARC001 .DAT
ARC000 .NIT
ARC000 .DAT
ARC036 .NIT
ARC036 .DAT
ARC047 .DAT
ARC046 .DAT
ARC045 .NIT
ARC045 .DAT
ARC044 .NIT
ARC044 .DAT
ARC043 .NIT
ARC043 .DAT
ARC042 .NIT
ARC042 .DAT
ARC041 .NIT
ARC041 .DAT
ARC040 .NIT
ARC040 .DAT
ARC007 .NIT
ARC007 .DAT
ARC006 .NIT
ARC006 .DAT
ARC005 .NIT
ARC005 .DAT

Path: \WABAMUN\MINES\HIGHVS\BND

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\MINES\HIGHVS\DBED

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT
AAT

Path: \WABAMUN\MINES\HIGHVS\ISOLS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVS\ISO2

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVS\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVS\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVS\ISO1

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\HIGHVS\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVS\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\HIGHVS\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVS\LIC

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\HIGHVS\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\MINES\WHITE

Sub-directories: ISO3
INFO
SCT3
FMS
MINED
STAT
PERM
BND
LIC
RIV
ATS
LAK
HWY
SET
MDB

Files: LOG
PRINTER .SML
MANUAL .~SM
MANUAL .SML
LOG .TIM
SCT3 .KEY
FMS .KEY
ISO3 .KEY
FORT1

Path: \WABAMUN\MINES\WHITE\ISO3

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\WHITE\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC004 .NIT
ARC004 .DAT
ARC005 .NIT
ARC005 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC008 .NIT
ARC008 .DAT
ARC009 .NIT
ARC009 .DAT
ARC010 .NIT
ARC010 .DAT
ARC011 .NIT
ARC011 .DAT
ARC012 .NIT
ARC012 .DAT
ARC013 .NIT
ARC013 .DAT
ARC014 .NIT
ARC014 .DAT
ARC015 .NIT
ARC015 .DAT
ARC031 .NIT
ARC031 .DAT
ARC030 .NIT
ARC030 .DAT
ARC029 .NIT
ARC029 .DAT
ARC028 .NIT
ARC028 .DAT
ARC034 .NIT
ARC033 .NIT
ARC034 .DAT
ARC033 .DAT
ARC032 .NIT
ARC032 .DAT
ARC027 .NIT
ARC027 .DAT
ARC026 .NIT
ARC026 .DAT
ARC025 .NIT
ARC025 .DAT
ARC024 .NIT
ARC024 .DAT
ARC023 .NIT
ARC023 .DAT
ARC022 .NIT
ARC022 .DAT
ARC021 .NIT
ARC021 .DAT
ARC020 .NIT
ARC020 .DAT
ARC019 .NIT
ARC019 .DAT
ARC018 .NIT
ARC018 .DAT
ARC017 .NIT
ARC017 .DAT
ARC016 .NIT
ARC016 .DAT
ARC035 .NIT
ARC035 .DAT
ARC036 .NIT
ARC036 .DAT
ARC037 .NIT
ARC037 .DAT
ARC038 .NIT
ARC038 .DAT
ARC039 .NIT
ARC039 .DAT
ARC040 .NIT
ARC040 .DAT
ARC041 .NIT
ARC041 .DAT
ARC042 .NIT
ARC042 .DAT
ARC043 .NIT
ARC043 .DAT
ARC044 .NIT
ARC044 .DAT
ARC045 .NIT
ARC045 .DAT
ARC046 .NIT
ARC046 .DAT
ARC047 .NIT
ARC047 .DAT
ARC048 .NIT
ARC048 .DAT
ARC049 .NIT
ARC049 .DAT

Path: \WABAMUN\MINES\WHITE\SCT3

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\WHITE\FMS

Sub-directories: None

Files: TIC
AAT
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\WHITE\MINED

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\MINES\WHITE\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\MINES\WHITE\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\WHITE\BND

Sub-directories: None

Files: TIC
AAT
LOG
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND

Path: \WABAMUN\MINES\WHITE\LIC

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\WHITE\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\WHITE\ATS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB

PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\WHITE\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\WHITE\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\WHITE\SET

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\WHITE\MDB

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\GENE

Sub-directories: INFO
PERM

LIC
STAT
SURF
UNCERT
MAP1
TUM
HSC
TLM
SCLM
DCLM
ACHS
ATS
BND
RIV
LAK
HWY
ACLM
SCHS
OTC
DRILLH

Files: LOG
MANUAL .SML
HSC .KEY
OTC .KEY
MANUAL .~SM
PRINTER .~SM
PRINTER .SML
DRILLH .KEY
SCHS .KEY
TUM .KEY
TLM .KEY
ACLM .KEY
SCLM .KEY
ACHS .KEY

Path: \WABAMUN\MINES\GENE\INFO

Sub-directories: None

Files: ARC .DR9
ARC058 .NIT
ARC058 .DAT
ARC077 .NIT
ARC077 .DAT
ARC076 .NIT
ARC076 .DAT
ARC043 .NIT
ARC043 .DAT
ARC075 .NIT
ARC075 .DAT
ARC061 .NIT
ARC061 .DAT
ARC057 .NIT
ARC057 .DAT
ARC038 .NIT
ARC038 .DAT
ARC062 .NIT
ARC062 .DAT
ARC056 .NIT
ARC056 .DAT
ARC051 .NIT
ARC051 .DAT
ARC050 .NIT
ARC037 .NIT
ARC048 .NIT
ARC048 .DAT
ARC049 .NIT
ARC049 .DAT
ARC050 .DAT
ARC037 .DAT
ARC036 .NIT
ARC036 .DAT
ARC035 .NIT

ARC035 .DAT
ARC034 .NIT
ARC034 .DAT
ARC033 .NIT
ARC033 .DAT
ARC032 .NIT
ARC032 .DAT
ARC031 .NIT
ARC031 .DAT
ARC030 .NIT
ARC030 .DAT
ARC029 .NIT
ARC029 .DAT
ARC028 .NIT
ARC028 .DAT
ARC027 .NIT
ARC027 .DAT
ARC026 .NIT
ARC026 .DAT
ARC025 .NIT
ARC025 .DAT
ARC024 .NIT
ARC024 .DAT
ARC023 .NIT
ARC023 .DAT
ARC022 .NIT
ARC022 .DAT
ARC063 .NIT
ARC063 .DAT
ARC042 .NIT
ARC042 .DAT
ARC065 .NIT
ARC065 .DAT
ARC060 .NIT
ARC060 .DAT
ARC059 .NIT
ARC059 .DAT
ARC055 .NIT
ARC055 .DAT
ARC054 .NIT
ARC054 .DAT
ARC053 .NIT
ARC053 .DAT
ARC052 .NIT
ARC052 .DAT
ARC047 .NIT
ARC047 .DAT
ARC046 .NIT
ARC046 .DAT
ARC041 .NIT
ARC041 .DAT
ARC040 .NIT
ARC040 .DAT
ARC064 .NIT
ARC064 .DAT
ARC039 .NIT
ARC039 .DAT
ARC066 .NIT
ARC066 .DAT
ARC067 .NIT
ARC067 .DAT
ARC068 .NIT
ARC068 .DAT
ARC069 .NIT
ARC069 .DAT
ARC070 .NIT
ARC070 .DAT
ARC071 .NIT
ARC071 .DAT
ARC072 .NIT
ARC072 .DAT
ARC073 .NIT
ARC073 .DAT
ARC074 .NIT
ARC074 .DAT
ARC045 .NIT
ARC045 .DAT
ARC044 .NIT
ARC044 .DAT
ARC008 .NIT
ARC008 .DAT
ARC078 .NIT
ARC078 .DAT
ARC079 .NIT
ARC079 .DAT
ARC080 .NIT
ARC080 .DAT
ARC081 .NIT
ARC081 .DAT
ARC082 .NIT
ARC082 .DAT
ARC083 .NIT
ARC083 .DAT
ARC084 .NIT
ARC084 .DAT
ARC085 .NIT
ARC085 .DAT
ARC086 .NIT
ARC086 .DAT
ARC087 .NIT
ARC087 .DAT
ARC088 .NIT
ARC088 .DAT
ARC089 .NIT
ARC089 .DAT
ARC090 .NIT
ARC090 .DAT
ARC091 .NIT
ARC091 .DAT
ARC092 .NIT
ARC092 .DAT
ARC093 .NIT
ARC093 .DAT

Path: \WABAMUN\MINES\GENE\PERM

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\GENE\LIC

Sub-directories: None

Files: TIC
AAT
LOG
TOL
TXT
TXX
LAB
NRF

CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT

Path: \WABAMUN\MINES\GENE\STAT

Sub-directories: None

Files: BND
TIC
LOG
PAT
TXT
TXX
PRF
LAB

Path: \WABAMUN\MINES\GENE\SURF

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\GENE\UNCERT

Sub-directories: None

Files: BND
TIC
LOG
LAB
TXT
PAT
TXX

Path: \WABAMUN\MINES\GENE\MAP1

Sub-directories: None

Files: E0001 .PLT
E0002 .PLT

Path: \WABAMUN\MINES\GENE\TUM

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
ARF
AAT

Path: \WABAMUN\MINES\GENE\HSC

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
ARF
AAT

Path: \WABAMUN\MINES\GENE\TLM

Sub-directories: None

Files: TIC
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
ARF
AAT

Path: \WABAMUN\MINES\GENE\SCLM

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\GENE\DCLM

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PRF
PAL
PAX
BND
PAT
AAT

Path: \WABAMUN\MINES\GENE\ACHS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\GENE\ATS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\GENE\BND

Sub-directories: None

Files: TIC
ARF
LOG
TOL
LAB
NRF
CNT
ARC
ARX
CNX
PAT
PAL
PAX
BND
AAT

Path: \WABAMUN\MINES\GENE\RIV

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\GENE\LAK

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\GENE\HWY

Sub-directories: None

Files: BND
TIC
TOL
LOG
ARC
AAT
ARX
NRF

Path: \WABAMUN\MINES\GENE\ACLM

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\GENE\SCHS

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\GENE\OTC

Sub-directories: None

Files: BND
TIC
TOL
LOG
LAB
PAT
CNT
NRF
AAT
CNX
ARC
ARX
PAL
PAX

Path: \WABAMUN\MINES\GENE\DRILLH

Sub-directories: None

Files: BND
TIC
LOG
LAB
PAT

Path: \WABAMUN\OR_DATA

Sub-directories: ERCB
ABSM

Files: None

Path: \WABAMUN\OR_DATA\ERCB

Sub-directories: ERCB .PNT
INFO
MINEDOUT
LICENCE
PERMITS
SURFACE
UNDER
UNCERT

Files: LOG

Path: \WABAMUN\OR_DATA\ERCB\ERCB.PNT

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
TXT
TXX
PAT
PRF
LAB

Path: \WABAMUN\OR_DATA\ERCB\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC004 .NIT
ARC004 .DAT
ARC005 .NIT
ARC005 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC008 .NIT
ARC008 .DAT
ARC009 .NIT
ARC009 .DAT
ARC010 .NIT
ARC010 .DAT
ARC011 .NIT
ARC011 .DAT
ARC012 .NIT
ARC012 .DAT
ARC013 .NIT
ARC013 .DAT
ARC014 .NIT
ARC014 .DAT
ARC015 .NIT
ARC015 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT
ARC017 .DAT

Path: \WABAMUN\OR_DATA\ERCB\MINEDOUT

Sub-directories: None

Files: LOG TIM
TIC
BND
LOG
ARC
ARX
LAB
TXT
TXX

Path: \WABAMUN\OR_DATA\ERCB\LICENCE

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
LAB
TXT
TXX

Path: \WABAMUN\OR_DATA\ERCB\PERMITS

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
LAB
TXT
TXX

Path: \WABAMUN\OR_DATA\ERCB\SURFACE

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
TXT
TXX
PAT
LAB

Path: \WABAMUN\OR_DATA\ERCB\UNDER

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
TXT
TXX
PAT
LAB

Path: \WABAMUN\OR_DATA\ERCB\UNCERT

Sub-directories: None

Files: TIC
BND
LOG
ARC
ARX
TXT
TXX
PAT
LAB

Path: \WABAMUN\OR_DATA\ABSM

Sub-directories: ATS
INFO
MDB
RIV
LAK
HWY
SET

Files: 83GATS .ASC
83GLAK .ASC
83GMDB .ASC
83GHWY .ASC
83GSET .ASC
83GRIV .ASC
LOG
83GATS1 .ASC

Path: \WABAMUN\OR_DATA\ABSM\ATS

Sub-directories: None

Files: BND
TIC
LOG
TOL
ARC
AAT
ARX
NRF

Path: \WABAMUN\OR_DATA\ABSM\INFO

Sub-directories: None

Files: ARC .DR9
ARC000 .NIT
ARC000 .DAT
ARC001 .NIT
ARC001 .DAT
ARC002 .NIT
ARC002 .DAT
ARC003 .NIT
ARC003 .DAT
ARC004 .NIT
ARC004 .DAT
ARC005 .NIT
ARC005 .DAT
ARC006 .NIT
ARC006 .DAT
ARC007 .NIT
ARC007 .DAT
ARC008 .NIT
ARC008 .DAT
ARC009 .NIT
ARC009 .DAT
ARC010 .NIT
ARC010 .DAT
ARC011 .NIT
ARC011 .DAT
ARC012 .NIT
ARC012 .DAT
ARC013 .NIT
ARC013 .DAT
ARC014 .NIT
ARC014 .DAT
ARC015 .NIT
ARC015 .DAT
ARC016 .NIT
ARC016 .DAT
ARC017 .NIT

ARC017 .DAT
ARC018 .NIT
ARC018 .DAT
ARC019 .NIT
ARC019 .DAT
ARC020 .NIT
ARC020 .DAT
ARC021 .NIT
ARC021 .DAT
ARC022 .NIT
ARC022 .DAT
ARC023 .NIT
ARC023 .DAT
ARC024 .NIT
ARC024 .DAT
ARC025 .NIT
ARC025 .DAT
ARC026 .NIT
ARC026 .DAT
ARC027 .NIT
ARC027 .DAT

Path: \WABAMUN\OR_DATA\ABSM\MDB

Sub-directories: None

Files: BND
TIC
LOG
GAT
PTN
SIF
ARF
ARC
ARX
AAT

Path: \WABAMUN\OR_DATA\ABSM\RIV

Sub-directories: None

Files: AAT
BND
TIC
LOG
GAT
PTN
ARC
SIF
ARX

Path: \WABAMUN\OR_DATA\ABSM\LAK

Sub-directories: None

Files: LOG
BND
TIC
ARF
GAT
PTN
SIF
ARC
AAT
ARX

Path: \WABAMUN\OR_DATA\ABSM\HWY

Sub-directories: None

Files: LOG
BND
TIC
AAT
GAT
PTN
SIF
ARF
ARC
ARX

Path: \WABAMUN\OR_DATA\ABSM\SET

Sub-directories: None

Files: BND
TIC
LOG
GAT
PTN
AAT
SIF
ARF
ARC
ARX

APPENDIX 5

APPENDIX 5

COAL GSIS DEMO SYSTEM

DIRECTORY FILE LISTING LEVEL 1 AND 2 FOR GSIS COAL DEMO

```
->0001  2-17-89 10:48a       52 C:\PROJ1\PRINTER1.SML
->0002  3-03-89  5:06p     4137 C:\PROJ1\LOG
->0003  3-06-89 11:46a     2318 C:\PROJ1\PROJ1.LIS
->0004  8-19-88  1:15p      191 C:\PROJ1\ABQLT.KEY
->0005  3-03-89  4:22p     7532 C:\PROJ1\QLTAB.SML
->0006  2-27-89  1:53p      266 C:\PROJ1\COMPANY2.KEY
->0007  3-03-89  4:07p     4830 C:\PROJ1\83G.SML
->0008  3-06-89  1:37p   389409 C:\PROJ1\TREE.LIS
->0009  2-27-89  4:29p       51 C:\PROJ1\POSTER.SML
->0010  2-27-89  1:52p      274 C:\PROJ1\COMPANY.KEY
->0011  2-27-89  1:38p       88 C:\PROJ1\83G1.KEY
->0012  2-27-89  1:53p      322 C:\PROJ1\COMPANY1.KEY
->0013  2-27-89  2:02p   987904 C:\PROJ1\83G.PLT
->0014  8-23-88 11:43a       61 C:\PROJ1\DEMO.SML
->0015  9-28-88 10:38a       56 C:\PROJ1\PRINTER.SML
->0016  8-23-88  4:07p       61 C:\PROJ1\BUF.KEY
->0017  8-23-88  4:29p       62 C:\PROJ1\DEMO2.SML
->0018  8-23-88  8:39p       61 C:\PROJ1\DEMO3.SML
->0019  9-28-88  2:10p       85 C:\PROJ1\83G.KEY
->0020  9-28-88  9:04a      575 C:\PROJ1\WELCOME.SML
->0021 12-02-88  2:16p       48 C:\PROJ1\CITY\TIC
->0022 12-02-88  2:26p       16 C:\PROJ1\CITY\BND
->0023 12-05-88  9:31a      359 C:\PROJ1\CITY\LOG
->0024 12-02-88  2:39p      504 C:\PROJ1\CITY\PAT
->0025 12-02-88  2:26p      224 C:\PROJ1\CITY\PRF
->0026  3-03-89  4:56p     1024 C:\PROJ1\CITY\LAB
->0027  8-10-88  3:53p       48 C:\PROJ1\NTS1\TIC
->0028 12-02-88  2:57p     3136 C:\PROJ1\NTS1\AAT
->0029 12-05-88  3:30p       24 C:\PROJ1\NTS1\LOG.TIM
->0030 12-02-88  2:58p      113 C:\PROJ1\NTS1\LOG
->0031 12-02-88  2:53p       12 C:\PROJ1\NTS1\TOL
->0032 12-02-88  2:58p      512 C:\PROJ1\NTS1\TXT
->0033 12-02-88  2:58p      512 C:\PROJ1\NTS1\TXX
->0034  2-20-89  9:07a      512 C:\PROJ1\NTS1\LAB
->0035  2-20-89  8:55a      292 C:\PROJ1\NTS1\NRF
->0036  2-20-89  8:55a     1280 C:\PROJ1\NTS1\CNT
->0037  2-23-89  3:42p    17920 C:\PROJ1\NTS1\ARC
->0038  2-23-89  3:42p     1280 C:\PROJ1\NTS1\ARX
->0039  2-20-89  8:55a      768 C:\PROJ1\NTS1\CNX
->0040  2-20-89  8:55a      672 C:\PROJ1\NTS1\PAT
->0041  2-20-89  9:01a     4352 C:\PROJ1\NTS1\PAL
->0042  2-20-89  9:01a      768 C:\PROJ1\NTS1\PAX
->0043  2-20-89  8:55a       16 C:\PROJ1\NTS1\BND
->0044  7-26-88  1:10p       48 C:\PROJ1\HVPNT\TIC
->0045  7-26-88  1:26p       16 C:\PROJ1\HVPNT\BND
->0046  8-15-88  1:36p      162 C:\PROJ1\HVPNT\LOG
->0047  7-26-88  1:26p      512 C:\PROJ1\HVPNT\ARC
->0048  7-26-88  1:26p      512 C:\PROJ1\HVPNT\ARX
->0049  7-26-88  1:29p    16956 C:\PROJ1\HVPNT\PAT
->0050  7-26-88  1:10p      512 C:\PROJ1\HVPNT\TXT
->0051  7-26-88  1:10p      512 C:\PROJ1\HVPNT\TXX
->0052  9-20-88  4:24p    10496 C:\PROJ1\HVPNT\LAB
->0053  3-02-89  1:27p   115900 C:\PROJ1\INFO\ARC.DR9
->0054  8-15-88  1:36p      576 C:\PROJ1\INFO\ARC000.NIT
->0055  8-15-88  1:36p       80 C:\PROJ1\INFO\ARC000.DAT
->0056  8-15-88  1:36p      432 C:\PROJ1\INFO\ARC001.NIT
->0057  8-15-88  1:36p       80 C:\PROJ1\INFO\ARC001.DAT
->0058  8-15-88  1:36p     1008 C:\PROJ1\INFO\ARC002.NIT
->0059  8-15-88  1:36p       80 C:\PROJ1\INFO\ARC002.DAT
->0060 12-05-88  9:31a      720 C:\PROJ1\INFO\ARC304.NIT
```

->0061	12-05-88	9:31a	80	C:\PROJ1\INFO\ARC304.DAT
->0062	12-05-88	8:53a	576	C:\PROJ1\INFO\ARC303.NIT
->0063	12-05-88	9:31a	80	C:\PROJ1\INFO\ARC303.DAT
->0064	12-05-88	8:59a	576	C:\PROJ1\INFO\ARC302.NIT
->0065	12-05-88	8:59a	80	C:\PROJ1\INFO\ARC302.DAT
->0066	12-01-88	2:23p	432	C:\PROJ1\INFO\ARC301.NIT
->0067	12-05-88	8:59a	80	C:\PROJ1\INFO\ARC301.DAT
->0068	12-01-88	2:23p	576	C:\PROJ1\INFO\ARC300.NIT
->0069	12-05-88	8:59a	80	C:\PROJ1\INFO\ARC300.DAT
->0070	12-05-88	8:53a	432	C:\PROJ1\INFO\ARC299.NIT
->0071	12-05-88	9:31a	80	C:\PROJ1\INFO\ARC299.DAT
->0072	2-28-89	8:57p	1152	C:\PROJ1\INFO\ARC298.NIT
->0073	2-28-89	8:57p	80	C:\PROJ1\INFO\ARC298.DAT
->0074	2-28-89	8:58p	576	C:\PROJ1\INFO\ARC297.NIT
->0075	2-28-89	8:58p	80	C:\PROJ1\INFO\ARC297.DAT
->0076	2-28-89	8:58p	432	C:\PROJ1\INFO\ARC296.NIT
->0077	2-28-89	8:58p	80	C:\PROJ1\INFO\ARC296.DAT
->0078	12-01-88	4:12p	432	C:\PROJ1\INFO\ARC295.NIT
->0079	12-01-88	4:12p	80	C:\PROJ1\INFO\ARC295.DAT
->0080	12-01-88	4:12p	576	C:\PROJ1\INFO\ARC294.NIT
->0081	12-01-88	4:12p	80	C:\PROJ1\INFO\ARC294.DAT
->0082	12-01-88	4:12p	576	C:\PROJ1\INFO\ARC293.NIT
->0083	12-01-88	4:12p	80	C:\PROJ1\INFO\ARC293.DAT
->0084	3-02-89	1:27p	1296	C:\PROJ1\INFO\ARC292.NIT
->0085	3-02-89	1:27p	80	C:\PROJ1\INFO\ARC292.DAT
->0086	2-17-89	9:33a	1008	C:\PROJ1\INFO\ARC291.NIT
->0087	2-17-89	9:33a	80	C:\PROJ1\INFO\ARC291.DAT
->0088	2-20-89	8:55a	576	C:\PROJ1\INFO\ARC290.NIT
->0089	2-20-89	8:55a	80	C:\PROJ1\INFO\ARC290.DAT
->0090	2-20-89	8:55a	432	C:\PROJ1\INFO\ARC289.NIT
->0091	2-20-89	8:55a	80	C:\PROJ1\INFO\ARC289.DAT
->0092	2-17-89	9:18a	432	C:\PROJ1\INFO\ARC288.NIT
->0093	2-17-89	9:30a	80	C:\PROJ1\INFO\ARC288.DAT
->0094	2-17-89	9:18a	576	C:\PROJ1\INFO\ARC287.NIT
->0095	2-17-89	9:30a	80	C:\PROJ1\INFO\ARC287.DAT
->0096	2-17-89	9:30a	1296	C:\PROJ1\INFO\ARC286.NIT
->0097	2-17-89	9:30a	80	C:\PROJ1\INFO\ARC286.DAT
->0098	2-17-89	9:44a	720	C:\PROJ1\INFO\ARC285.NIT
->0099	2-17-89	9:44a	80	C:\PROJ1\INFO\ARC285.DAT
->0100	2-17-89	9:44a	432	C:\PROJ1\INFO\ARC284.NIT
->0101	2-17-89	9:44a	80	C:\PROJ1\INFO\ARC284.DAT
->0102	2-17-89	9:44a	576	C:\PROJ1\INFO\ARC283.NIT
->0103	2-17-89	9:44a	80	C:\PROJ1\INFO\ARC283.DAT
->0104	3-02-89	1:27p	1152	C:\PROJ1\INFO\ARC282.NIT
->0105	3-02-89	1:27p	80	C:\PROJ1\INFO\ARC282.DAT
->0106	3-02-89	1:27p	576	C:\PROJ1\INFO\ARC281.NIT
->0107	3-02-89	1:27p	80	C:\PROJ1\INFO\ARC281.DAT
->0108	8-15-88	1:55p	576	C:\PROJ1\INFO\ARC027.NIT
->0109	8-15-88	1:55p	80	C:\PROJ1\INFO\ARC027.DAT
->0110	8-15-88	1:55p	432	C:\PROJ1\INFO\ARC028.NIT
->0111	8-15-88	1:55p	80	C:\PROJ1\INFO\ARC028.DAT
->0112	8-16-88	9:28a	1872	C:\PROJ1\INFO\ARC037.NIT
->0113	8-16-88	9:28a	80	C:\PROJ1\INFO\ARC037.DAT
->0114	8-16-88	9:28a	576	C:\PROJ1\INFO\ARC036.NIT
->0115	8-16-88	9:28a	80	C:\PROJ1\INFO\ARC036.DAT
->0116	8-16-88	9:28a	432	C:\PROJ1\INFO\ARC035.NIT
->0117	8-16-88	9:28a	80	C:\PROJ1\INFO\ARC035.DAT
->0118	8-17-88	4:52p	1152	C:\PROJ1\INFO\ARC034.NIT
->0119	8-17-88	4:52p	80	C:\PROJ1\INFO\ARC034.DAT
->0120	8-17-88	4:52p	576	C:\PROJ1\INFO\ARC033.NIT
->0121	8-17-88	4:52p	80	C:\PROJ1\INFO\ARC033.DAT
->0122	8-17-88	4:52p	432	C:\PROJ1\INFO\ARC032.NIT
->0123	8-17-88	4:52p	80	C:\PROJ1\INFO\ARC032.DAT
->0124	8-16-88	9:22a	432	C:\PROJ1\INFO\ARC040.NIT
->0125	8-16-88	9:22a	80	C:\PROJ1\INFO\ARC040.DAT
->0126	8-16-88	9:22a	576	C:\PROJ1\INFO\ARC039.NIT
->0127	8-16-88	9:22a	80	C:\PROJ1\INFO\ARC039.DAT
->0128	8-16-88	9:22a	576	C:\PROJ1\INFO\ARC038.NIT
->0129	8-16-88	9:22a	80	C:\PROJ1\INFO\ARC038.DAT
->0130	8-17-88	4:53p	1152	C:\PROJ1\INFO\ARC031.NIT
->0131	8-17-88	4:53p	80	C:\PROJ1\INFO\ARC031.DAT
->0132	8-17-88	4:53p	1152	C:\PROJ1\INFO\ARC030.NIT
->0133	8-17-88	4:53p	80	C:\PROJ1\INFO\ARC030.DAT
->0134	8-17-88	4:53p	1440	C:\PROJ1\INFO\ARC029.NIT
->0135	8-17-88	4:53p	80	C:\PROJ1\INFO\ARC029.DAT
->0136	8-15-88	2:36p	1296	C:\PROJ1\INFO\ARC041.NIT

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->0137  8-15-88  2:36p      80 C:\PROJ1\INFO\ARC041.DAT
->0138  8-15-88  2:36p    1152 C:\PROJ1\INFO\ARC042.NIT
->0139  8-15-88  2:36p      80 C:\PROJ1\INFO\ARC042.DAT
->0140  8-15-88  2:36p     576 C:\PROJ1\INFO\ARC043.NIT
->0141  8-15-88  2:36p      80 C:\PROJ1\INFO\ARC043.DAT
->0142  8-15-88  2:36p     432 C:\PROJ1\INFO\ARC044.NIT
->0143  8-15-88  2:36p      80 C:\PROJ1\INFO\ARC044.DAT
->0144  8-15-88  2:37p    1296 C:\PROJ1\INFO\ARC045.NIT
->0145  8-15-88  2:37p      80 C:\PROJ1\INFO\ARC045.DAT
->0146  8-15-88  2:37p    1152 C:\PROJ1\INFO\ARC046.NIT
->0147  8-15-88  2:37p      80 C:\PROJ1\INFO\ARC046.DAT
->0148  8-15-88  2:37p     576 C:\PROJ1\INFO\ARC047.NIT
->0149  8-15-88  2:37p      80 C:\PROJ1\INFO\ARC047.DAT
->0150  8-15-88  2:37p     432 C:\PROJ1\INFO\ARC048.NIT
->0151  8-15-88  2:37p      80 C:\PROJ1\INFO\ARC048.DAT
->0152  8-15-88  2:38p     576 C:\PROJ1\INFO\ARC049.NIT
->0153  8-15-88  2:38p      80 C:\PROJ1\INFO\ARC049.DAT
->0154  8-15-88  2:38p     432 C:\PROJ1\INFO\ARC050.NIT
->0155  8-15-88  2:38p      80 C:\PROJ1\INFO\ARC050.DAT
->0156  8-15-88  2:38p    1296 C:\PROJ1\INFO\ARC051.NIT
->0157  8-15-88  2:38p      80 C:\PROJ1\INFO\ARC051.DAT
->0158  8-15-88  2:38p    1152 C:\PROJ1\INFO\ARC052.NIT
->0159  8-15-88  2:38p      80 C:\PROJ1\INFO\ARC052.DAT
->0160  8-15-88  2:39p    1296 C:\PROJ1\INFO\ARC053.NIT
->0161  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC053.DAT
->0162  8-15-88  2:39p    1152 C:\PROJ1\INFO\ARC054.NIT
->0163  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC054.DAT
->0164  8-15-88  2:39p     576 C:\PROJ1\INFO\ARC055.NIT
->0165  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC055.DAT
->0166  8-15-88  2:39p     432 C:\PROJ1\INFO\ARC056.NIT
->0167  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC056.DAT
->0168  8-15-88  2:39p    1152 C:\PROJ1\INFO\ARC057.NIT
->0169  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC057.DAT
->0170  8-15-88  2:39p     576 C:\PROJ1\INFO\ARC058.NIT
->0171  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC058.DAT
->0172  8-15-88  2:39p     432 C:\PROJ1\INFO\ARC059.NIT
->0173  8-15-88  2:39p      80 C:\PROJ1\INFO\ARC059.DAT
->0174  8-17-88  4:53p     576 C:\PROJ1\INFO\ARC060.NIT
->0175  8-17-88  4:53p      80 C:\PROJ1\INFO\ARC060.DAT
->0176  8-17-88  4:53p     432 C:\PROJ1\INFO\ARC061.NIT
->0177  8-17-88  4:53p      80 C:\PROJ1\INFO\ARC061.DAT
->0178  8-17-88  4:53p    1152 C:\PROJ1\INFO\ARC062.NIT
->0179  8-17-88  4:53p      80 C:\PROJ1\INFO\ARC062.DAT
->0180  8-17-88  4:53p     576 C:\PROJ1\INFO\ARC063.NIT
->0181  8-17-88  4:53p      80 C:\PROJ1\INFO\ARC063.DAT
->0182  8-17-88  4:53p    1440 C:\PROJ1\INFO\ARC064.NIT
->0183  8-17-88  4:53p      80 C:\PROJ1\INFO\ARC064.DAT
->0184  8-17-88  4:53p    1152 C:\PROJ1\INFO\ARC065.NIT
->0185  8-17-88  4:53p      80 C:\PROJ1\INFO\ARC065.DAT
->0186  8-17-88  4:54p     432 C:\PROJ1\INFO\ARC066.NIT
->0187  8-17-88  4:54p      80 C:\PROJ1\INFO\ARC066.DAT
->0188  8-17-88  4:54p    1440 C:\PROJ1\INFO\ARC067.NIT
->0189  8-17-88  4:54p      80 C:\PROJ1\INFO\ARC067.DAT
->0190  8-17-88  4:54p    1152 C:\PROJ1\INFO\ARC068.NIT
->0191  8-17-88  4:54p      80 C:\PROJ1\INFO\ARC068.DAT
->0192  8-17-88  4:54p    1152 C:\PROJ1\INFO\ARC069.NIT
->0193  8-17-88  4:54p      80 C:\PROJ1\INFO\ARC069.DAT
->0194  8-17-88  4:54p     576 C:\PROJ1\INFO\ARC070.NIT
->0195  8-17-88  4:54p      80 C:\PROJ1\INFO\ARC070.DAT
->0196  8-17-88  4:54p     432 C:\PROJ1\INFO\ARC071.NIT
->0197  8-17-88  4:54p      80 C:\PROJ1\INFO\ARC071.DAT
->0198  8-17-88  4:55p    1152 C:\PROJ1\INFO\ARC072.NIT
->0199  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC072.DAT
->0200  8-17-88  4:55p    1440 C:\PROJ1\INFO\ARC073.NIT
->0201  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC073.DAT
->0202  8-17-88  4:55p    1152 C:\PROJ1\INFO\ARC074.NIT
->0203  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC074.DAT
->0204  8-17-88  4:55p     576 C:\PROJ1\INFO\ARC075.NIT
->0205  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC075.DAT
->0206  8-17-88  4:55p     432 C:\PROJ1\INFO\ARC076.NIT
->0207  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC076.DAT
->0208  8-17-88  4:55p    1152 C:\PROJ1\INFO\ARC077.NIT
->0209  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC077.DAT
->0210  8-17-88  4:55p    1152 C:\PROJ1\INFO\ARC078.NIT
->0211  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC078.DAT
->0212  8-17-88  4:55p    1440 C:\PROJ1\INFO\ARC079.NIT
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->0213  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC079.DAT
->0214  8-17-88  4:55p     576 C:\PROJ1\INFO\ARC080.NIT
->0215  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC080.DAT
->0216  8-17-88  4:55p     432 C:\PROJ1\INFO\ARC081.NIT
->0217  8-17-88  4:55p      80 C:\PROJ1\INFO\ARC081.DAT
->0218  3-02-89  1:03p    1152 C:\PROJ1\INFO\ARC280.NIT
->0219  3-02-89  1:02p      80 C:\PROJ1\INFO\ARC280.DAT
->0220  3-02-89 12:56p     576 C:\PROJ1\INFO\ARC279.NIT
->0221  3-02-89 12:56p      80 C:\PROJ1\INFO\ARC279.DAT
->0222  3-02-89 12:56p     432 C:\PROJ1\INFO\ARC278.NIT
->0223  3-02-89 12:56p      80 C:\PROJ1\INFO\ARC278.DAT
->0224  3-02-89  1:27p     432 C:\PROJ1\INFO\ARC277.NIT
->0225  3-02-89  1:27p      80 C:\PROJ1\INFO\ARC277.DAT
->0226  2-20-89  8:55a     576 C:\PROJ1\INFO\ARC276.NIT
->0227  2-20-89  8:55a      80 C:\PROJ1\INFO\ARC276.DAT
->0228  2-17-89  9:30a     576 C:\PROJ1\INFO\ARC266.NIT
->0229  2-17-89  9:30a      80 C:\PROJ1\INFO\ARC266.DAT
->0230  2-23-89  4:39p     576 C:\PROJ1\INFO\ARC264.NIT
->0231  2-23-89  4:39p      80 C:\PROJ1\INFO\ARC264.DAT
->0232  2-23-89  4:39p     432 C:\PROJ1\INFO\ARC263.NIT
->0233  2-23-89  4:39p      80 C:\PROJ1\INFO\ARC263.DAT
->0234  2-23-89  4:46p     576 C:\PROJ1\INFO\ARC262.NIT
->0235  2-23-89  4:46p      80 C:\PROJ1\INFO\ARC262.DAT
->0236  2-23-89  4:46p    1008 C:\PROJ1\INFO\ARC261.NIT
->0237  2-23-89  4:46p      80 C:\PROJ1\INFO\ARC261.DAT
->0238  8-18-88 10:41a    1008 C:\PROJ1\INFO\ARC110.NIT
->0239  8-18-88 10:41a      80 C:\PROJ1\INFO\ARC110.DAT
->0240  8-18-88 10:41a     576 C:\PROJ1\INFO\ARC111.NIT
->0241  8-18-88 10:41a      80 C:\PROJ1\INFO\ARC111.DAT
->0242  8-18-88 10:41a     576 C:\PROJ1\INFO\ARC112.NIT
->0243  8-18-88 10:41a      80 C:\PROJ1\INFO\ARC112.DAT
->0244  8-18-88 10:41a     432 C:\PROJ1\INFO\ARC113.NIT
->0245  8-18-88 10:41a      80 C:\PROJ1\INFO\ARC113.DAT
->0246  8-23-88  3:35p     720 C:\PROJ1\INFO\ARC155.NIT
->0247  8-23-88  3:35p      80 C:\PROJ1\INFO\ARC155.DAT
->0248  8-23-88  3:36p     432 C:\PROJ1\INFO\ARC156.NIT
->0249  8-23-88  3:36p      80 C:\PROJ1\INFO\ARC156.DAT
->0250  8-23-88  3:36p     576 C:\PROJ1\INFO\ARC157.NIT
->0251  8-23-88  3:36p      80 C:\PROJ1\INFO\ARC157.DAT
->0252  8-29-88  1:50p     432 C:\PROJ1\INFO\ARC158.NIT
->0253  8-29-88  1:50p      80 C:\PROJ1\INFO\ARC158.DAT
->0254  8-29-88  1:51p     576 C:\PROJ1\INFO\ARC159.NIT
->0255  8-29-88  1:51p      80 C:\PROJ1\INFO\ARC159.DAT
->0256  8-29-88  1:51p    1008 C:\PROJ1\INFO\ARC160.NIT
->0257  8-29-88  1:51p      80 C:\PROJ1\INFO\ARC160.DAT
->0258  8-29-88  1:51p    1296 C:\PROJ1\INFO\ARC161.NIT
->0259  8-29-88  1:51p      80 C:\PROJ1\INFO\ARC161.DAT
->0260  8-29-88  1:51p     432 C:\PROJ1\INFO\ARC162.NIT
->0261  8-29-88  1:51p      80 C:\PROJ1\INFO\ARC162.DAT
->0262  8-29-88  1:51p     576 C:\PROJ1\INFO\ARC163.NIT
->0263  8-29-88  1:51p      80 C:\PROJ1\INFO\ARC163.DAT
->0264  8-29-88  1:52p     576 C:\PROJ1\INFO\ARC164.NIT
->0265  8-29-88  1:52p      80 C:\PROJ1\INFO\ARC164.DAT
->0266  8-29-88  1:52p    1152 C:\PROJ1\INFO\ARC165.NIT
->0267  8-29-88  1:52p      80 C:\PROJ1\INFO\ARC165.DAT
->0268  8-29-88  1:52p     432 C:\PROJ1\INFO\ARC166.NIT
->0269  8-29-88  1:52p      80 C:\PROJ1\INFO\ARC166.DAT
->0270  8-29-88  1:52p     576 C:\PROJ1\INFO\ARC167.NIT
->0271  8-29-88  1:52p      80 C:\PROJ1\INFO\ARC167.DAT
->0272  8-29-88  1:52p     576 C:\PROJ1\INFO\ARC168.NIT
->0273  8-29-88  1:52p      80 C:\PROJ1\INFO\ARC168.DAT
->0274  8-29-88  1:52p    1008 C:\PROJ1\INFO\ARC169.NIT
->0275  8-29-88  1:52p      80 C:\PROJ1\INFO\ARC169.DAT
->0276  8-29-88  1:53p    1008 C:\PROJ1\INFO\ARC170.NIT
->0277  8-29-88  1:53p      80 C:\PROJ1\INFO\ARC170.DAT
->0278  8-29-88  1:53p     576 C:\PROJ1\INFO\ARC171.NIT
->0279  8-29-88  1:53p      80 C:\PROJ1\INFO\ARC171.DAT
->0280  8-29-88  1:53p     432 C:\PROJ1\INFO\ARC172.NIT
->0281  8-29-88  1:53p      80 C:\PROJ1\INFO\ARC172.DAT
->0282 12-01-88  4:13p      16 C:\PROJ1\RIVER\BND
->0283 12-01-88  1:55p      48 C:\PROJ1\RIVER\TIC
->0284 12-01-88  3:46p      24 C:\PROJ1\RIVER\TOL
->0285 12-01-88  4:13p     315 C:\PROJ1\RIVER\LOG
->0286 12-01-88  4:13p    8960 C:\PROJ1\RIVER\LAB
->0287 12-01-88  4:12p    4288 C:\PROJ1\RIVER\PAT
->0288 12-01-88  4:12p   12288 C:\PROJ1\RIVER\CNT
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->0289 12-01-88  4:09p      5708 C:\PROJ1\RIVER\NRF
->0290 12-01-88  4:12p      2560 C:\PROJ1\RIVER\CNX
->0291  3-03-89  4:56p    282880 C:\PROJ1\RIVER\ARC
->0292  3-03-89  4:56p     11776 C:\PROJ1\RIVER\ARX
->0293  3-03-89  4:50p     34560 C:\PROJ1\RIVER\PAL
->0294  3-03-89  4:50p      2560 C:\PROJ1\RIVER\PAX
->0295  2-17-89  9:30a       165 C:\PROJ1\SUBCROPS\LOG
->0296  2-17-89  9:26a        16 C:\PROJ1\SUBCROPS\BND
->0297  2-17-89  9:07a       132 C:\PROJ1\SUBCROPS\TIC
->0298  2-17-89  9:08a        24 C:\PROJ1\SUBCROPS\TOL
->0299  2-17-89  9:09a        96 C:\PROJ1\SUBCROPS\PAT
->0300  3-03-89  4:50p     16384 C:\PROJ1\SUBCROPS\ARC
->0301  2-17-89  9:09a       512 C:\PROJ1\SUBCROPS\LAB
->0302  2-17-89  9:09a       512 C:\PROJ1\SUBCROPS\CNT
->0303  3-03-89  4:50p       512 C:\PROJ1\SUBCROPS\ARX
->0304  2-17-89  9:09a        64 C:\PROJ1\SUBCROPS\NRF
->0305  2-17-89  9:26a       768 C:\PROJ1\SUBCROPS\MSK
->0306  2-17-89  9:29a       840 C:\PROJ1\SUBCROPS\AAT
->0307  2-17-89  9:09a       512 C:\PROJ1\SUBCROPS\CNX
->0308  2-17-89  9:26a      1024 C:\PROJ1\SUBCROPS\PFF
->0309  2-17-89  9:09a       512 C:\PROJ1\SUBCROPS\PFX
->0310  2-27-89  4:29p       512 C:\PROJ1\83G_MAP\E0001.PLT
->0311  2-27-89  4:31p      4864 C:\PROJ1\83G_MAP\E0003.PLT
->0312  2-27-89  4:31p      6656 C:\PROJ1\83G_MAP\E0009.PLT
->0313  2-27-89  4:31p     15104 C:\PROJ1\83G_MAP\E0010.PLT
->0314  2-27-89  4:31p     19712 C:\PROJ1\83G_MAP\E0011.PLT
->0315  2-27-89  4:31p     15360 C:\PROJ1\83G_MAP\E0012.PLT
->0316  2-27-89  4:31p      2048 C:\PROJ1\83G_MAP\E0004.PLT
->0317  2-27-89  4:31p      2560 C:\PROJ1\83G_MAP\E0005.PLT
->0318  2-27-89  4:31p      1024 C:\PROJ1\83G_MAP\E0006.PLT
->0319  2-27-89  4:31p      1280 C:\PROJ1\83G_MAP\E0007.PLT
->0320  2-27-89  4:31p      1024 C:\PROJ1\83G_MAP\E0008.PLT
->0321  2-27-89  4:29p    923392 C:\PROJ1\83G_MAP\E0002.PLT
->0322  2-21-89  4:37p       512 C:\PROJ1\OUTCROPS\E0001.PLT
->0323  2-21-89  4:38p      1536 C:\PROJ1\OUTCROPS\E0004.PLT
->0324  2-21-89  4:38p      2560 C:\PROJ1\OUTCROPS\E0005.PLT
->0325  2-21-89  4:38p      4864 C:\PROJ1\OUTCROPS\E0003.PLT
->0326  2-21-89  4:37p    520192 C:\PROJ1\OUTCROPS\E0002.PLT
->0327  2-23-89  4:46p       512 C:\PROJ1\83G_PRO3\ARC
->0328  2-23-89  4:45p        48 C:\PROJ1\83G_PRO3\TIC
->0329  2-23-89  4:46p        16 C:\PROJ1\83G_PRO3\BND
->0330  2-23-89  4:46p       260 C:\PROJ1\83G_PRO3\LOG
->0331  2-23-89  4:17p       512 C:\PROJ1\83G_PRO3\MSK
->0332  2-27-89  9:18a     16896 C:\PROJ1\83G_PRO3\LAB
->0333  2-23-89  4:46p      8160 C:\PROJ1\83G_PRO3\PAT
->0334  2-23-89  4:46p       512 C:\PROJ1\83G_PRO3\ARX
->0335  2-23-89  4:46p        28 C:\PROJ1\83G_PRO3\AAT
->0336  8-10-88  3:55p        24 C:\PROJ1\NTS\LOG.TIM
->0337  8-10-88  3:53p        48 C:\PROJ1\NTS\TIC
->0338  8-10-88  3:53p        16 C:\PROJ1\NTS\BND
->0339  8-10-88  3:53p        32 C:\PROJ1\NTS\LOG
->0340  3-03-89  4:55p     15616 C:\PROJ1\NTS\ARC
->0341  3-03-89  4:55p       512 C:\PROJ1\NTS\ARX
->0342  8-10-88  3:56p       512 C:\PROJ1\NTS\LAB
->0343  8-10-88  3:53p       512 C:\PROJ1\NTS\TXT
->0344  8-10-88  3:53p       512 C:\PROJ1\NTS\TXX
->0345  8-10-88  9:11a        48 C:\PROJ1\ERCBQLT\TIC
->0346  8-10-88  9:12a        16 C:\PROJ1\ERCBQLT\BND
->0347  8-16-88  9:28a       172 C:\PROJ1\ERCBQLT\LOG
->0348  8-10-88  9:12a       512 C:\PROJ1\ERCBQLT\ARC
->0349  8-10-88  9:12a       512 C:\PROJ1\ERCBQLT\ARX
->0350  8-12-88  4:36p    190080 C:\PROJ1\ERCBQLT\PAT
->0351  2-20-89  9:01a       512 C:\PROJ1\ERCBQLT\TXT
->0352  2-20-89  9:01a       512 C:\PROJ1\ERCBQLT\TXX
->0353  3-03-89  4:55p     95488 C:\PROJ1\ERCBQLT\LAB
->0354  8-08-88  3:25p        48 C:\PROJ1\ERCB_AB\TIC
->0355  8-08-88  3:35p        16 C:\PROJ1\ERCB_AB\BND
->0356  8-16-88 10:49a       219 C:\PROJ1\ERCB_AB\LOG
->0357  8-16-88 10:44a       512 C:\PROJ1\ERCB_AB\ARC
->0358  8-16-88 10:44a       512 C:\PROJ1\ERCB_AB\ARX
->0359  8-08-88  3:25p       512 C:\PROJ1\ERCB_AB\TXT
->0360  8-08-88  3:25p       512 C:\PROJ1\ERCB_AB\TXX
->0361  8-08-88  3:33p    790160 C:\PROJ1\ERCB_AB\PAT
->0362  8-16-88 10:44a   1580800 C:\PROJ1\ERCB_AB\LAB
->0363  8-10-88 11:27p        48 C:\PROJ1\OILW83G\TIC
->0364  8-11-88  8:08a        16 C:\PROJ1\OILW83G\BND
```

```
->0365  8-23-88   8:16a       198 C:\PROJ1\OILW83G\LOG
->0366  8-11-88   8:07a       512 C:\PROJ1\OILW83G\ARC
->0367  8-11-88   8:07a       512 C:\PROJ1\OILW83G\ARX
->0368  8-23-88   9:01a       512 C:\PROJ1\OILW83G\TXT
->0369  8-23-88   9:01a       512 C:\PROJ1\OILW83G\TXX
->0370  8-11-88   8:07a    158128 C:\PROJ1\OILW83G\PAT
->0371  8-23-88   9:01a    316672 C:\PROJ1\OILW83G\LAB
->0372  8-15-88   2:36p       123 C:\PROJ1\83G_NW\LOG
->0373  8-11-88   9:23p        48 C:\PROJ1\83G_NW\TIC
->0374  8-11-88   9:23p        16 C:\PROJ1\83G_NW\BND
->0375  3-03-89   5:03p     18176 C:\PROJ1\83G_NW\ARC
->0376  3-03-89   5:03p      2304 C:\PROJ1\83G_NW\ARX
->0377  2-27-89   8:56a      3072 C:\PROJ1\83G_NW\LAB
->0378  2-27-89   8:56a      2560 C:\PROJ1\83G_NW\CNT
->0379  8-11-88   9:23p     18870 C:\PROJ1\83G_NW\PAT
->0380  2-27-89   8:56a      1280 C:\PROJ1\83G_NW\CNX
->0381  8-11-88   9:23p      8194 C:\PROJ1\83G_NW\AAT
->0382  3-03-89   5:03p      8960 C:\PROJ1\83G_NW\PAL
->0383  3-03-89   5:03p      1280 C:\PROJ1\83G_NW\PAX
->0384  8-15-88   2:37p       211 C:\PROJ1\83G_NE\LOG
->0385  8-15-88  10:38a        48 C:\PROJ1\83G_NE\TIC
->0386  8-15-88  10:39a        16 C:\PROJ1\83G_NE\BND
->0387  3-03-89   5:03p     50176 C:\PROJ1\83G_NE\ARC
->0388  3-03-89   5:03p      6400 C:\PROJ1\83G_NE\ARX
->0389  2-27-89   9:02a     12032 C:\PROJ1\83G_NE\LAB
->0390  2-27-89   9:02a      8960 C:\PROJ1\83G_NE\CNT
->0391  8-15-88  10:40a     79476 C:\PROJ1\83G_NE\PAT
->0392  2-27-89   9:02a      3328 C:\PROJ1\83G_NE\CNX
->0393  8-15-88  10:40a     24786 C:\PROJ1\83G_NE\AAT
->0394  3-03-89   5:03p     30208 C:\PROJ1\83G_NE\PAL
->0395  3-03-89   5:03p      3328 C:\PROJ1\83G_NE\PAX
->0396  8-15-88  10:55a        48 C:\PROJ1\83G_SW\TIC
->0397  8-15-88  10:56a      1020 C:\PROJ1\83G_SW\AAT
->0398  8-15-88   2:38p      1363 C:\PROJ1\83G_SW\LOG
->0399  7-19-88   1:49p        24 C:\PROJ1\83G_SW\TOL
->0400  2-27-89   9:06a       768 C:\PROJ1\83G_SW\LAB
->0401  7-20-88   9:20a        88 C:\PROJ1\83G_SW\NRF
->0402  2-27-89   9:06a       768 C:\PROJ1\83G_SW\CNT
->0403  3-03-89   5:02p      2560 C:\PROJ1\83G_SW\ARC
->0404  3-03-89   5:02p       768 C:\PROJ1\83G_SW\ARX
->0405  2-27-89   9:06a       512 C:\PROJ1\83G_SW\CNX
->0406  3-03-89   5:02p      1536 C:\PROJ1\83G_SW\PAL
->0407  3-03-89   5:02p       512 C:\PROJ1\83G_SW\PAX
->0408  8-15-88  10:55a        16 C:\PROJ1\83G_SW\BND
->0409  8-15-88  10:56a      2688 C:\PROJ1\83G_SW\PAT
->0410  8-15-88  11:05a        48 C:\PROJ1\83G_SE\TIC
->0411  8-15-88  11:07a     60146 C:\PROJ1\83G_SE\AAT
->0412  8-15-88   2:39p      1632 C:\PROJ1\83G_SE\LOG
->0413  8-03-88   3:17p        24 C:\PROJ1\83G_SE\TOL
->0414  2-27-89   9:16a     21760 C:\PROJ1\83G_SE\LAB
->0415  8-05-88   1:57p      4552 C:\PROJ1\83G_SE\NRF
->0416  2-27-89   9:16a     16384 C:\PROJ1\83G_SE\CNT
->0417  3-03-89   5:02p     95744 C:\PROJ1\83G_SE\ARC
->0418  3-03-89   5:02p     14592 C:\PROJ1\83G_SE\ARX
->0419  2-27-89   9:16a      5888 C:\PROJ1\83G_SE\CNX
->0420  3-03-89   5:02p     61952 C:\PROJ1\83G_SE\PAL
->0421  3-03-89   5:02p      5888 C:\PROJ1\83G_SE\PAX
->0422  8-15-88  11:06a        16 C:\PROJ1\83G_SE\BND
->0423  8-15-88  11:07a    147186 C:\PROJ1\83G_SE\PAT
->0424  8-12-88  10:16a        48 C:\PROJ1\83G\TIC
->0425  8-15-88   2:39p      1295 C:\PROJ1\83G\LOG
->0426  8-09-88   9:42a        24 C:\PROJ1\83G\TOL
->0427  8-15-88  11:44a     36352 C:\PROJ1\83G\LAB
->0428  8-10-88   3:39p      7592 C:\PROJ1\83G\NRF
->0429  8-12-88  10:18a     27392 C:\PROJ1\83G\CNT
->0430  2-28-89   8:55p    166144 C:\PROJ1\83G\ARC
->0431  2-28-89   8:55p     23040 C:\PROJ1\83G\ARX
->0432  8-12-88  10:18a      9472 C:\PROJ1\83G\CNX
->0433  2-08-89   2:21p    102144 C:\PROJ1\83G\PAL
->0434  2-08-89   2:21p      9472 C:\PROJ1\83G\PAX
->0435  8-12-88  10:18a        16 C:\PROJ1\83G\BND
->0436  8-12-88  10:19a    249084 C:\PROJ1\83G\PAT
->0437  2-17-89   9:44a        63 C:\PROJ1\CROPBUF\LOG
->0438  2-17-89   9:07a       132 C:\PROJ1\CROPBUF\TIC
->0439  2-17-89   9:44a       512 C:\PROJ1\CROPBUF\LAB
->0440  2-17-89   9:37a        12 C:\PROJ1\CROPBUF\TOL
```

```
->0441  2-17-89   9:44a      512 C:\PROJ1\CROPBUF\CNT
->0442  2-17-89   9:44a      512 C:\PROJ1\CROPBUF\CNX
->0443  2-17-89   9:44a       80 C:\PROJ1\CROPBUF\PAT
->0444  2-17-89   9:49a    11264 C:\PROJ1\CROPBUF\ARC
->0445  2-17-89   9:49a      512 C:\PROJ1\CROPBUF\ARX
->0446  2-17-89   9:49a      768 C:\PROJ1\CROPBUF\PAL
->0447  2-17-89   9:49a      512 C:\PROJ1\CROPBUF\PAX
->0448  2-17-89   9:44a       16 C:\PROJ1\CROPBUF\BND
->0449  3-04-88   9:04a       16 C:\PROJ1\ATS\BND
->0450  3-03-88   2:28p       48 C:\PROJ1\ATS\TIC
->0451  2-17-89   4:35p      561 C:\PROJ1\ATS\LOG
->0452  3-04-88   8:50a       12 C:\PROJ1\ATS\TOL
->0453  3-03-89   4:57p   554240 C:\PROJ1\ATS\ARC
->0454  3-04-88   9:04a   369152 C:\PROJ1\ATS\AAT
->0455  3-03-89   4:57p    92672 C:\PROJ1\ATS\ARX
->0456  3-04-88   9:02a    25136 C:\PROJ1\ATS\NRF
->0457  3-03-88  11:29a    86112 C:\PROJ1\RIV\AAT
->0458  3-03-88  11:24a       16 C:\PROJ1\RIV\BND
->0459  3-03-88  11:24a       48 C:\PROJ1\RIV\TIC
->0460  8-17-88   4:53p      303 C:\PROJ1\RIV\LOG
->0461  3-03-88  11:19a   172224 C:\PROJ1\RIV\GAT
->0462  3-03-88  11:19a   107640 C:\PROJ1\RIV\PTN
->0463  2-21-89  11:50a   421632 C:\PROJ1\RIV\ARC
->0464  3-03-88  11:14a       82 C:\PROJ1\RIV\SIF
->0465  2-21-89  11:50a    22016 C:\PROJ1\RIV\ARX
->0466  8-17-88   4:54p      515 C:\PROJ1\LAK\LOG
->0467  3-03-88  11:36a       16 C:\PROJ1\LAK\BND
->0468  3-03-88   9:57a       48 C:\PROJ1\LAK\TIC
->0469  3-03-88  11:36a    21448 C:\PROJ1\LAK\ARF
->0470  3-03-88   9:52a    49024 C:\PROJ1\LAK\GAT
->0471  3-03-88   9:52a    30640 C:\PROJ1\LAK\PTN
->0472  3-03-88   9:50a       82 C:\PROJ1\LAK\SIF
->0473  3-03-89   5:04p   117760 C:\PROJ1\LAK\ARC
->0474  3-03-88  11:43a    24512 C:\PROJ1\LAK\AAT
->0475  3-03-89   5:04p     6656 C:\PROJ1\LAK\ARX
->0476  8-17-88   4:54p      342 C:\PROJ1\HWY\LOG
->0477  3-03-88  11:38a       16 C:\PROJ1\HWY\BND
->0478  3-03-88  11:10a       48 C:\PROJ1\HWY\TIC
->0479  3-03-88  11:42a   196512 C:\PROJ1\HWY\AAT
->0480  3-03-88  11:06a   393024 C:\PROJ1\HWY\GAT
->0481  3-03-88  11:06a   245640 C:\PROJ1\HWY\PTN
->0482  3-03-88  11:02a       82 C:\PROJ1\HWY\SIF
->0483  3-03-88  11:38a   171948 C:\PROJ1\HWY\ARF
->0484 12-29-88  12:15p   418304 C:\PROJ1\HWY\ARC
->0485 12-29-88  12:15p    49664 C:\PROJ1\HWY\ARX
->0486  3-03-88  11:30a       16 C:\PROJ1\SET\BND
->0487  3-03-88   9:38a       48 C:\PROJ1\SET\TIC
->0488  8-17-88   4:55p      431 C:\PROJ1\SET\LOG
->0489  3-03-88   9:11a    27712 C:\PROJ1\SET\GAT
->0490  3-03-88   9:11a    17320 C:\PROJ1\SET\PTN
->0491  3-03-88  11:31a    13856 C:\PROJ1\SET\AAT
->0492  3-03-88   9:10a       82 C:\PROJ1\SET\SIF
->0493  3-03-88  11:30a    12124 C:\PROJ1\SET\ARF
->0494 11-14-88  10:22a    96512 C:\PROJ1\SET\ARC
->0495 11-14-88  10:22a     3840 C:\PROJ1\SET\ARX
->0496  3-03-88  11:37a       16 C:\PROJ1\MDB\BND
->0497  3-03-88  10:54a       48 C:\PROJ1\MDB\TIC
->0498  8-17-88   4:55p      486 C:\PROJ1\MDB\LOG
->0499  3-03-88  10:48a    10496 C:\PROJ1\MDB\GAT
->0500  3-03-88  10:48a     6560 C:\PROJ1\MDB\PTN
->0501  3-03-88  10:48a       82 C:\PROJ1\MDB\SIF
->0502  3-03-88  11:37a     4592 C:\PROJ1\MDB\ARF
->0503 12-01-88   7:46p    24064 C:\PROJ1\MDB\ARC
->0504 12-01-88   7:46p     1792 C:\PROJ1\MDB\ARX
->0505  3-03-88  11:40a     5248 C:\PROJ1\MDB\AAT
->0506  3-01-89   4:27p   166144 C:\PROJ1\83G1\ARC
->0507  3-01-89   4:23p       48 C:\PROJ1\83G1\TIC
->0508  2-28-89   8:58p     1331 C:\PROJ1\83G1\LOG
->0509  8-09-88   9:42a       24 C:\PROJ1\83G1\TOL
->0510  3-01-89   4:27p    36352 C:\PROJ1\83G1\LAB
->0511  8-10-88   3:39p     7592 C:\PROJ1\83G1\NRF
->0512  8-12-88  10:18a    27392 C:\PROJ1\83G1\CNT
->0513  3-01-89   4:23p      512 C:\PROJ1\83G1\MSK
->0514  3-01-89   4:23p       16 C:\PROJ1\83G1\BND
->0515  8-12-88  10:18a     9472 C:\PROJ1\83G1\CNX
->0516  2-08-89   2:21p   102144 C:\PROJ1\83G1\PAL
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->0517  2-08-89   2:21p      9472 C:\PROJ1\83G1\PAX
->0518  8-12-88  10:19a    249084 C:\PROJ1\83G1\PAT
->0519  3-01-89   4:27p     23040 C:\PROJ1\83G1\ARX
->0520  3-02-89   1:27p       165 C:\PROJ1\83G_NW1\LOG
->0521  8-11-88   9:23p        48 C:\PROJ1\83G_NW1\TIC
->0522  8-11-88   9:23p        16 C:\PROJ1\83G_NW1\BND
->0523  3-02-89   1:12p     18176 C:\PROJ1\83G_NW1\ARC
->0524  3-02-89   1:12p      2304 C:\PROJ1\83G_NW1\ARX
->0525  2-27-89   8:56a      3072 C:\PROJ1\83G_NW1\LAB
->0526  2-27-89   8:56a      2560 C:\PROJ1\83G_NW1\CNT
->0527  8-11-88   9:23p     18870 C:\PROJ1\83G_NW1\PAT
->0528  2-27-89   8:56a      1280 C:\PROJ1\83G_NW1\CNX
->0529  8-11-88   9:23p      8194 C:\PROJ1\83G_NW1\AAT
->0530  2-27-89   8:56a      8960 C:\PROJ1\83G_NW1\PAL
->0531  2-27-89   8:56a      1280 C:\PROJ1\83G_NW1\PAX
->0532  5-12-88   3:48p        48 C:\PROJ1\MINED\TIC
->0533  6-22-88   9:24a       252 C:\PROJ1\MINED\AAT
->0534  8-18-88  10:41a       536 C:\PROJ1\MINED\LOG
->0535  6-13-88   1:18p        24 C:\PROJ1\MINED\TOL
->0536  6-21-88   2:45p       512 C:\PROJ1\MINED\TXT
->0537  6-21-88   2:45p       512 C:\PROJ1\MINED\TXX
->0538  8-18-88  11:35a      1024 C:\PROJ1\MINED\LAB
->0539  6-22-88   9:21a        36 C:\PROJ1\MINED\NRF
->0540  6-22-88   9:21a       768 C:\PROJ1\MINED\CNT
->0541  9-29-88  11:11a      3584 C:\PROJ1\MINED\ARC
->0542  9-29-88  11:11a       512 C:\PROJ1\MINED\ARX
->0543  6-22-88   9:21a       512 C:\PROJ1\MINED\CNX
->0544  6-22-88   9:21a       160 C:\PROJ1\MINED\PAT
->0545  9-29-88  11:11a      1024 C:\PROJ1\MINED\PAL
->0546  9-29-88  11:11a       512 C:\PROJ1\MINED\PAX
->0547  6-22-88   9:21a        16 C:\PROJ1\MINED\BND
->0548  3-02-89   1:08p    166144 C:\PROJ1\83G3\ARC
->0549  3-02-89   1:00p        48 C:\PROJ1\83G3\TIC
->0550  3-02-89   1:03p      1481 C:\PROJ1\83G3\LOG
->0551  8-09-88   9:42a        24 C:\PROJ1\83G3\TOL
->0552  3-02-89   1:00p     36352 C:\PROJ1\83G3\LAB
->0553  8-10-88   3:39p      7592 C:\PROJ1\83G3\NRF
->0554  3-02-89   1:02p     27392 C:\PROJ1\83G3\CNT
->0555  3-01-89   4:23p       512 C:\PROJ1\83G3\MSK
->0556  3-02-89   1:02p        16 C:\PROJ1\83G3\BND
->0557  3-02-89   1:02p      9472 C:\PROJ1\83G3\CNX
->0558  3-02-89   1:02p    102144 C:\PROJ1\83G3\PAL
->0559  3-02-89   1:02p      9472 C:\PROJ1\83G3\PAX
->0560  3-02-89   1:03p    249084 C:\PROJ1\83G3\PAT
->0561  3-02-89   1:08p     23040 C:\PROJ1\83G3\ARX
->0562  2-14-89   1:58p      1024 C:\PROJ1\WAB_DEMO\E0003.PLT
->0563  2-14-89   1:57p       512 C:\PROJ1\WAB_DEMO\E0001.PLT
->0564  2-14-89   1:57p    436224 C:\PROJ1\WAB_DEMO\E0002.PLT
->0565  2-14-89   1:58p      1792 C:\PROJ1\WAB_DEMO\E0004.PLT
->0566  2-14-89   1:58p     29952 C:\PROJ1\WAB_DEMO\E0005.PLT
->0567  2-14-89   1:58p      1792 C:\PROJ1\WAB_DEMO\E0006.PLT
->0568  2-14-89  11:50a       512 C:\PROJ1\BUFWELL\E0001.PLT
->0569  2-14-89  11:50a    584448 C:\PROJ1\BUFWELL\E0002.PLT
->0570  2-14-89  11:51a      1280 C:\PROJ1\BUFWELL\E0003.PLT
->0571  2-14-89  11:51a      2816 C:\PROJ1\BUFWELL\E0004.PLT
->0572  2-14-89  11:51a     13824 C:\PROJ1\BUFWELL\E0005.PLT
->0573  2-14-89  11:51a      2560 C:\PROJ1\BUFWELL\E0006.PLT
->0574  8-23-88   3:36p        56 C:\PROJ1\OILBUF\LOG
->0575  8-10-88  11:27p        48 C:\PROJ1\OILBUF\TIC
->0576  8-23-88   3:35p      4352 C:\PROJ1\OILBUF\LAB
->0577  8-23-88   3:27p        12 C:\PROJ1\OILBUF\TOL
->0578  8-23-88   3:35p      3328 C:\PROJ1\OILBUF\CNT
->0579  8-23-88   3:35p      1536 C:\PROJ1\OILBUF\CNX
->0580  8-23-88   3:35p      2440 C:\PROJ1\OILBUF\PAT
->0581  9-20-88   4:32p     55296 C:\PROJ1\OILBUF\ARC
->0582  9-20-88   4:32p      1536 C:\PROJ1\OILBUF\ARX
->0583  9-20-88   4:32p      8192 C:\PROJ1\OILBUF\PAL
->0584  9-20-88   4:21p      1536 C:\PROJ1\OILBUF\PAX
->0585  8-23-88   3:35p        16 C:\PROJ1\OILBUF\BND
->0586  8-05-88   9:53p        48 C:\PROJ1\ALBERTA\TIC
->0587  1-31-89   1:31p       419 C:\PROJ1\ALBERTA\LOG
->0588  1-31-89   1:31p       512 C:\PROJ1\ALBERTA\TXT
->0589  1-31-89   1:31p       512 C:\PROJ1\ALBERTA\TXX
->0590 12-01-88   2:21p        24 C:\PROJ1\ALBERTA\TOL
->0591  1-31-89   1:31p       512 C:\PROJ1\ALBERTA\LAB
->0592 12-01-88   2:22p        56 C:\PROJ1\ALBERTA\NRF
```

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->0593  1-31-89  1:31p      512 C:\PROJ1\ALBERTA\CNT      ->0597 12-01-88  2:22p       32 C:\PROJ1\ALBERTA\PAT
->0594  3-03-89  4:55p    48896 C:\PROJ1\ALBERTA\ARC      ->0598  3-03-89  4:48p      768 C:\PROJ1\ALBERTA\PAL
->0595  3-03-89  4:55p      512 C:\PROJ1\ALBERTA\ARX      ->0599  3-03-89  4:48p      512 C:\PROJ1\ALBERTA\PAX
->0596  1-31-89  1:31p      512 C:\PROJ1\ALBERTA\CNX      ->0600 12-01-88  2:22p       16 C:\PROJ1\ALBERTA\BND
```

APPENDIX 6

APPENDIX 6

COAL GSIS DEMO SYSTEM

DIRECTORY FILE LISTING LEVEL 3 AND 4 FOR GSIS COAL DEMO

```
->0001   2-16-89   3:59p        279 C:\WABAMUN\LOG
->0002   2-16-89   3:59p         62 C:\WABAMUN\FORT1
->0003   9-30-88   2:50p         26 C:\WABAMUN\TWPS\LOG
->0004   3-03-89   2:20p       9153 C:\WABAMUN\TWPS\T5355\MANUAL.SML
->0005   9-15-88  11:47a         81 C:\WABAMUN\TWPS\T5355\HISO1.KEY
->0006  10-31-88   9:37a         92 C:\WABAMUN\TWPS\T5355\LOG
->0007   9-14-88   4:40p         55 C:\WABAMUN\TWPS\T5355\PRINTER.SML
->0008   2-16-89   2:42p       9126 C:\WABAMUN\TWPS\T5355\MANUAL.~SM
->0009  11-02-88  12:33p         24 C:\WABAMUN\TWPS\T5355\LOG.TIM
->0010   9-15-88  11:50a        108 C:\WABAMUN\TWPS\T5355\HISO2.KEY
->0011   9-15-88  11:52a         68 C:\WABAMUN\TWPS\T5355\GEO.KEY
->0012   9-15-88  11:54a         95 C:\WABAMUN\TWPS\T5355\HNSC1.KEY
->0013   9-15-88  11:55a         54 C:\WABAMUN\TWPS\T5355\WFMS.KEY
->0014   9-15-88  11:56a         34 C:\WABAMUN\TWPS\T5355\WSCT3.KEY
->0015   5-24-88  10:51a         48 C:\WABAMUN\TWPS\T5355\BND\TIC
->0016   5-31-88   5:30p         28 C:\WABAMUN\TWPS\T5355\BND\AAT
->0017   5-31-88   5:30p        415 C:\WABAMUN\TWPS\T5355\BND\LOG
->0018   5-25-88   8:51a        512 C:\WABAMUN\TWPS\T5355\BND\LAB
->0019   5-25-88   8:51a          4 C:\WABAMUN\TWPS\T5355\BND\NRF
->0020   5-25-88   8:51a        512 C:\WABAMUN\TWPS\T5355\BND\CNT
->0021   6-16-88   9:05a        768 C:\WABAMUN\TWPS\T5355\BND\ARC
->0022   6-16-88   9:05a        512 C:\WABAMUN\TWPS\T5355\BND\ARX
->0023   5-25-88   8:51a        512 C:\WABAMUN\TWPS\T5355\BND\CNX
->0024   5-25-88   8:51a         32 C:\WABAMUN\TWPS\T5355\BND\PAT
->0025   6-14-88  10:45a        512 C:\WABAMUN\TWPS\T5355\BND\PAL
->0026   6-14-88  10:45a        512 C:\WABAMUN\TWPS\T5355\BND\PAX
->0027   5-25-88   8:51a         16 C:\WABAMUN\TWPS\T5355\BND\BND
->0028   9-14-88   2:18p      24320 C:\WABAMUN\TWPS\T5355\INFO\ARC.DR9
->0029   5-31-88   7:56a       1008 C:\WABAMUN\TWPS\T5355\INFO\ARC000.NIT
->0030   5-31-88   7:56a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC000.DAT
->0031   5-31-88   7:57a        576 C:\WABAMUN\TWPS\T5355\INFO\ARC001.NIT
->0032   5-31-88   7:57a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC001.DAT
->0033   5-31-88   7:57a        432 C:\WABAMUN\TWPS\T5355\INFO\ARC002.NIT
->0034   5-31-88   7:57a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC002.DAT
->0035   5-31-88   7:57a        576 C:\WABAMUN\TWPS\T5355\INFO\ARC003.NIT
->0036   5-31-88   7:57a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC003.DAT
->0037   5-31-88   5:40p        432 C:\WABAMUN\TWPS\T5355\INFO\ARC050.NIT
->0038   5-31-88   5:40p         80 C:\WABAMUN\TWPS\T5355\INFO\ARC050.DAT
->0039   5-31-88   5:40p        576 C:\WABAMUN\TWPS\T5355\INFO\ARC049.NIT
->0040   5-31-88   5:40p         80 C:\WABAMUN\TWPS\T5355\INFO\ARC049.DAT
->0041   5-31-88   7:57a        576 C:\WABAMUN\TWPS\T5355\INFO\ARC006.NIT
->0042   5-31-88   7:57a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC006.DAT
->0043   5-31-88   5:40p       1152 C:\WABAMUN\TWPS\T5355\INFO\ARC007.NIT
->0044   5-31-88   5:40p         80 C:\WABAMUN\TWPS\T5355\INFO\ARC007.DAT
->0045   6-01-88   8:32a       1152 C:\WABAMUN\TWPS\T5355\INFO\ARC011.NIT
->0046   6-01-88   8:32a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC011.DAT
->0047   6-01-88   8:33a        576 C:\WABAMUN\TWPS\T5355\INFO\ARC010.NIT
->0048   6-01-88   8:33a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC010.DAT
->0049   6-01-88   8:33a        432 C:\WABAMUN\TWPS\T5355\INFO\ARC009.NIT
->0050   6-01-88   8:33a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC009.DAT
->0051   6-01-88   9:21a       1152 C:\WABAMUN\TWPS\T5355\INFO\ARC015.NIT
->0052   6-01-88   9:21a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC015.DAT
->0053   6-01-88   9:21a        576 C:\WABAMUN\TWPS\T5355\INFO\ARC014.NIT
->0054   6-01-88   9:21a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC014.DAT
->0055   6-01-88   9:21a        576 C:\WABAMUN\TWPS\T5355\INFO\ARC013.NIT
->0056   6-01-88   9:21a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC013.DAT
->0057   6-01-88   9:21a        432 C:\WABAMUN\TWPS\T5355\INFO\ARC012.NIT
->0058   6-01-88   9:21a         80 C:\WABAMUN\TWPS\T5355\INFO\ARC012.DAT
->0059   6-09-88   1:26p        432 C:\WABAMUN\TWPS\T5355\INFO\ARC040.NIT
->0060   6-09-88   1:26p         80 C:\WABAMUN\TWPS\T5355\INFO\ARC040.DAT
->0061   5-31-88   7:59a        432 C:\WABAMUN\TWPS\T5355\INFO\ARC016.NIT
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->0062  5-31-88  7:59a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC016.DAT
->0063  5-31-88  7:59a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC017.NIT
->0064  5-31-88  7:59a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC017.DAT
->0065  5-31-88  7:59a    1152 C:\WABAMUN\TWPS\T5355\INFO\ARC018.NIT
->0066  5-31-88  7:59a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC018.DAT
>0067  5-31-88  7:59a    1152 C:\WABAMUN\TWPS\T5355\INFO\ARC019.NIT
>0068  5-31-88  7:59a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC019.DAT
->0069  5-31-88  7:59a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC020.NIT
->0070  5-31-88  7:59a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC020.DAT
->0071  5-31-88  7:59a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC021.NIT
->0072  5-31-88  7:59a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC021.DAT
->0073  5-31-88  8:00a    1152 C:\WABAMUN\TWPS\T5355\INFO\ARC022.NIT
->0074  5-31-88  8:00a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC022.DAT
->0075  5-31-88  8:00a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC023.NIT
->0076  5-31-88  8:00a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC023.DAT
->0077  5-31-88  8:00a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC024.NIT
->0078  5-31-88  8:00a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC024.DAT
->0079  5-31-88  8:01a    1296 C:\WABAMUN\TWPS\T5355\INFO\ARC025.NIT
>0080  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC025.DAT
>0081  5-31-88  8:01a    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC026.NIT
>0082  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC026.DAT
->0083  5-31-88  8:01a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC027.NIT
->0084  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC027.DAT
->0085  5-31-88  8:01a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC028.NIT
->0086  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC028.DAT
->0087  5-31-88  8:01a    1296 C:\WABAMUN\TWPS\T5355\INFO\ARC029.NIT
->0088  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC029.DAT
->0089  5-31-88  8:01a    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC030.NIT
->0090  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC030.DAT
->0091  5-31-88  8:01a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC031.NIT
->0092  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC031.DAT
->0093  5-31-88  8:01a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC032.NIT
->0094  5-31-88  8:01a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC032.DAT
->0095  5-31-88  8:02a    1152 C:\WABAMUN\TWPS\T5355\INFO\ARC033.NIT
->0096  5-31-88  8:02a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC033.DAT
->0097  5-31-88  8:02a    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC034.NIT
->0098  5-31-88  8:02a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC034.DAT
->0099  5-31-88  8:02a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC035.NIT
->0100  5-31-88  8:02a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC035.DAT
->0101  5-31-88  8:02a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC036.NIT
->0102  5-31-88  8:02a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC036.DAT
->0103  6-09-88  1:26p     576 C:\WABAMUN\TWPS\T5355\INFO\ARC039.NIT
->0104  6-09-88  1:26p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC039.DAT
->0105  6-09-88  1:26p    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC038.NIT
->0106  6-09-88  1:26p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC038.DAT
->0107  6-09-88  1:26p    1296 C:\WABAMUN\TWPS\T5355\INFO\ARC037.NIT
->0108  6-09-88  1:26p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC037.DAT
->0109  6-14-88  1:36p     432 C:\WABAMUN\TWPS\T5355\INFO\ARC052.NIT
->0110  6-21-88  2:12p     864 C:\WABAMUN\TWPS\T5355\INFO\ARC054.NIT
->0111  5-31-88 10:39a    1296 C:\WABAMUN\TWPS\T5355\INFO\ARC041.NIT
->0112  5-31-88 10:39a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC041.DAT
->0113  5-31-88 10:39a    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC042.NIT
->0114  5-31-88 10:39a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC042.DAT
->0115  5-31-88 10:39a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC043.NIT
->0116  5-31-88 10:39a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC043.DAT
->0117  5-31-88 10:39a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC044.NIT
->0118  5-31-88 10:39a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC044.DAT
->0119  5-31-88 10:48a    1296 C:\WABAMUN\TWPS\T5355\INFO\ARC045.NIT
->0120  5-31-88 10:48a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC045.DAT
->0121  5-31-88 10:48a    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC046.NIT
->0122  5-31-88 10:48a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC046.DAT
->0123  5-31-88 10:48a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC047.NIT
->0124  5-31-88 10:48a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC047.DAT
->0125  5-31-88 10:48a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC048.NIT
->0126  5-31-88 10:48a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC048.DAT
->0127  6-14-88  1:36p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC052.DAT
->0128  6-21-88  2:12p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC054.DAT
->0129  6-14-88  1:36p     576 C:\WABAMUN\TWPS\T5355\INFO\ARC053.NIT
->0130  6-14-88  1:36p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC053.DAT
->0131  6-14-88  1:36p    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC051.NIT
->0132  6-14-88  1:36p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC051.DAT
->0133  6-21-88  2:12p     576 C:\WABAMUN\TWPS\T5355\INFO\ARC008.NIT
->0134  6-21-88  2:12p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC008.DAT
->0135  6-21-88  2:12p     432 C:\WABAMUN\TWPS\T5355\INFO\ARC005.NIT
->0136  6-21-88  2:12p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC005.DAT
->0137  6-21-88  2:15p     864 C:\WABAMUN\TWPS\T5355\INFO\ARC004.NIT
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->0138  6-21-88   2:15p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC004.DAT
->0139  6-16-88   9:04a     432 C:\WABAMUN\TWPS\T5355\INFO\ARC055.NIT
->0140  6-16-88   9:07a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC055.DAT
->0141  6-16-88   9:04a     576 C:\WABAMUN\TWPS\T5355\INFO\ARC056.NIT
->0142  6-16-88   9:07a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC056.DAT
->0143  6-16-88   9:07a    1008 C:\WABAMUN\TWPS\T5355\INFO\ARC057.NIT
->0144  6-16-88   9:07a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC057.DAT
->0145  6-16-88   9:07a    1296 C:\WABAMUN\TWPS\T5355\INFO\ARC058.NIT
->0146  6-16-88   9:07a      80 C:\WABAMUN\TWPS\T5355\INFO\ARC058.DAT
->0147  6-21-88   2:15p     576 C:\WABAMUN\TWPS\T5355\INFO\ARC059.NIT
->0148  6-21-88   2:15p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC059.DAT
->0149  6-21-88   2:15p     432 C:\WABAMUN\TWPS\T5355\INFO\ARC060.NIT
->0150  6-21-88   2:15p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC060.DAT
->0151  6-21-88   2:18p     864 C:\WABAMUN\TWPS\T5355\INFO\ARC061.NIT
->0152  6-21-88   2:18p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC061.DAT
->0153  6-21-88   2:18p     576 C:\WABAMUN\TWPS\T5355\INFO\ARC062.NIT
->0154  6-21-88   2:18p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC062.DAT
->0155  6-21-88   2:18p     432 C:\WABAMUN\TWPS\T5355\INFO\ARC063.NIT
->0156  6-21-88   2:18p      80 C:\WABAMUN\TWPS\T5355\INFO\ARC063.DAT
->0157  5-24-88  10:52a      48 C:\WABAMUN\TWPS\T5355\ATS\TIC
->0158  5-31-88   5:40p    2352 C:\WABAMUN\TWPS\T5355\ATS\ARF
->0159  6-01-88   8:07a     526 C:\WABAMUN\TWPS\T5355\ATS\LOG
->0160  5-31-88   5:39p     512 C:\WABAMUN\TWPS\T5355\ATS\LAB
->0161  5-31-88   5:39p     196 C:\WABAMUN\TWPS\T5355\ATS\NRF
->0162  5-31-88   5:39p    1280 C:\WABAMUN\TWPS\T5355\ATS\CNT
->0163  3-03-89   4:03p    4608 C:\WABAMUN\TWPS\T5355\ATS\ARC
->0164  3-03-89   4:03p    1280 C:\WABAMUN\TWPS\T5355\ATS\ARX
->0165  5-31-88   5:39p     768 C:\WABAMUN\TWPS\T5355\ATS\CNX
->0166  5-31-88   5:39p     592 C:\WABAMUN\TWPS\T5355\ATS\PAT
->0167  3-03-89   4:03p    3584 C:\WABAMUN\TWPS\T5355\ATS\PAL
->0168  3-03-89   4:03p     768 C:\WABAMUN\TWPS\T5355\ATS\PAX
->0169  5-31-88   5:39p      16 C:\WABAMUN\TWPS\T5355\ATS\BND
->0170  6-01-88   8:06a    2688 C:\WABAMUN\TWPS\T5355\ATS\AAT
->0171  6-01-88   8:13a      16 C:\WABAMUN\TWPS\T5355\RIV\BND
->0172  3-03-88  11:24a      48 C:\WABAMUN\TWPS\T5355\RIV\TIC
->0173  6-01-88   8:12a      12 C:\WABAMUN\TWPS\T5355\RIV\TOL
->0174  6-01-88   8:33a     539 C:\WABAMUN\TWPS\T5355\RIV\LOG
->0175  3-03-89   4:03p    2304 C:\WABAMUN\TWPS\T5355\RIV\ARC
->0176  6-01-88   8:13a     640 C:\WABAMUN\TWPS\T5355\RIV\AAT
->0177  3-03-89   4:03p     768 C:\WABAMUN\TWPS\T5355\RIV\ARX
->0178  6-01-88   8:13a     104 C:\WABAMUN\TWPS\T5355\RIV\NRF
->0179  6-01-88   9:08a      16 C:\WABAMUN\TWPS\T5355\LAK\BND
->0180  3-03-88   9:57a      48 C:\WABAMUN\TWPS\T5355\LAK\TIC
->0181  6-01-88   9:07a      12 C:\WABAMUN\TWPS\T5355\LAK\TOL
->0182  6-01-88   9:21a     743 C:\WABAMUN\TWPS\T5355\LAK\LOG
->0183  6-01-88   9:08a     512 C:\WABAMUN\TWPS\T5355\LAK\LAB
->0184  6-01-88   9:08a      16 C:\WABAMUN\TWPS\T5355\LAK\PAT
->0185  6-01-88   9:08a     512 C:\WABAMUN\TWPS\T5355\LAK\CNT
->0186  6-01-88   9:08a      28 C:\WABAMUN\TWPS\T5355\LAK\NRF
->0187  6-01-88   9:08a     128 C:\WABAMUN\TWPS\T5355\LAK\AAT
->0188  6-01-88   9:08a     512 C:\WABAMUN\TWPS\T5355\LAK\CNX
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->0190  3-03-89   4:03p     512 C:\WABAMUN\TWPS\T5355\LAK\ARX
->0191  3-03-89   4:03p     512 C:\WABAMUN\TWPS\T5355\LAK\PAL
->0192  3-03-89   4:03p     512 C:\WABAMUN\TWPS\T5355\LAK\PAX
->0193  5-26-88   2:20p      16 C:\WABAMUN\TWPS\T5355\HWY\BND
->0194  3-03-88  11:10a      48 C:\WABAMUN\TWPS\T5355\HWY\TIC
->0195  5-26-88   2:20p      12 C:\WABAMUN\TWPS\T5355\HWY\TOL
->0196  5-31-88   7:59a     644 C:\WABAMUN\TWPS\T5355\HWY\LOG
->0197 11-09-88   2:15p    4352 C:\WABAMUN\TWPS\T5355\HWY\ARC
->0198  5-26-88   2:20p    2560 C:\WABAMUN\TWPS\T5355\HWY\AAT
->0199 11-09-88   2:15p    1024 C:\WABAMUN\TWPS\T5355\HWY\ARX
->0200  5-26-88   2:20p     272 C:\WABAMUN\TWPS\T5355\HWY\NRF
->0201  5-27-88   7:31a      16 C:\WABAMUN\TWPS\T5355\SET\BND
->0202  3-03-88   9:38a      48 C:\WABAMUN\TWPS\T5355\SET\TIC
->0203  5-27-88   7:30a      12 C:\WABAMUN\TWPS\T5355\SET\TOL
->0204  5-31-88   8:00a     861 C:\WABAMUN\TWPS\T5355\SET\LOG
->0205  5-27-88   7:31a    4352 C:\WABAMUN\TWPS\T5355\SET\ARC
->0206  5-27-88   7:31a      64 C:\WABAMUN\TWPS\T5355\SET\AAT
->0207  5-27-88   7:31a     512 C:\WABAMUN\TWPS\T5355\SET\ARX
->0208  5-27-88   7:31a      12 C:\WABAMUN\TWPS\T5355\SET\NRF
->0209  5-27-88   8:40a      16 C:\WABAMUN\TWPS\T5355\MDB\BND
->0210  3-03-88  10:54a      48 C:\WABAMUN\TWPS\T5355\MDB\TIC
->0211  5-27-88   8:40a      12 C:\WABAMUN\TWPS\T5355\MDB\TOL
->0212  5-31-88   8:00a     757 C:\WABAMUN\TWPS\T5355\MDB\LOG
->0213  7-11-88   4:11p     512 C:\WABAMUN\TWPS\T5355\MDB\ARC
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->0214   5-27-88   8:40a        64 C:\WABAMUN\TWPS\T5355\MDB\AAT
->0215   7-11-88   4:11p       512 C:\WABAMUN\TWPS\T5355\MDB\ARX
->0216   5-27-88   8:40a        12 C:\WABAMUN\TWPS\T5355\MDB\NRF
->0217   5-27-88   9:20a        16 C:\WABAMUN\TWPS\T5355\HISO1\BND
->0218   3-17-88  11:32a        48 C:\WABAMUN\TWPS\T5355\HISO1\TIC
->0219   5-27-88   9:14a        24 C:\WABAMUN\TWPS\T5355\HISO1\TOL
->0220   5-31-88   8:01a      4023 C:\WABAMUN\TWPS\T5355\HISO1\LOG
->0221   6-01-88   1:17p       512 C:\WABAMUN\TWPS\T5355\HISO1\LAB
->0222   5-27-88   9:19a       180 C:\WABAMUN\TWPS\T5355\HISO1\PAT
->0223   6-01-88   1:17p       768 C:\WABAMUN\TWPS\T5355\HISO1\CNT
->0224   5-27-88   9:19a        44 C:\WABAMUN\TWPS\T5355\HISO1\NRF
->0225   5-27-88   9:23a       560 C:\WABAMUN\TWPS\T5355\HISO1\AAT
->0226   6-01-88   1:17p       512 C:\WABAMUN\TWPS\T5355\HISO1\CNX
->0227   5-27-88   9:20a       512 C:\WABAMUN\TWPS\T5355\HISO1\TXT
->0228   2-10-89   9:33a      2048 C:\WABAMUN\TWPS\T5355\HISO1\ARC
->0229   2-10-89   9:33a       512 C:\WABAMUN\TWPS\T5355\HISO1\ARX
->0230   5-27-88   9:20a       512 C:\WABAMUN\TWPS\T5355\HISO1\TXX
->0231   2-10-89   9:33a      1024 C:\WABAMUN\TWPS\T5355\HISO1\PAL
->0232   2-10-89   9:33a       512 C:\WABAMUN\TWPS\T5355\HISO1\PAX
->0233   5-30-88   8:54a        16 C:\WABAMUN\TWPS\T5355\HISO2\BND
->0234   3-14-88   2:37p        48 C:\WABAMUN\TWPS\T5355\HISO2\TIC
->0235   5-30-88   8:49a        24 C:\WABAMUN\TWPS\T5355\HISO2\TOL
->0236   5-31-88   8:01a      2484 C:\WABAMUN\TWPS\T5355\HISO2\LOG
->0237   6-01-88   1:18p       768 C:\WABAMUN\TWPS\T5355\HISO2\LAB
->0238   5-30-88   8:53a       324 C:\WABAMUN\TWPS\T5355\HISO2\PAT
->0239   6-01-88   1:18p       768 C:\WABAMUN\TWPS\T5355\HISO2\CNT
->0240   5-30-88   8:53a        80 C:\WABAMUN\TWPS\T5355\HISO2\NRF
->0241   5-30-88   9:33a       960 C:\WABAMUN\TWPS\T5355\HISO2\AAT
->0242   6-01-88   1:18p       512 C:\WABAMUN\TWPS\T5355\HISO2\CNX
->0243  10-31-88   9:39a      2816 C:\WABAMUN\TWPS\T5355\HISO2\ARC
->0244  10-31-88   9:39a       768 C:\WABAMUN\TWPS\T5355\HISO2\ARX
->0245  10-31-88   9:39a      1280 C:\WABAMUN\TWPS\T5355\HISO2\PAL
->0246  10-31-88   9:39a       512 C:\WABAMUN\TWPS\T5355\HISO2\PAX
->0247   3-15-88   1:54p        48 C:\WABAMUN\TWPS\T5355\HNGEOL\TIC
->0248   6-01-88   1:50p       588 C:\WABAMUN\TWPS\T5355\HNGEOL\AAT
->0249   6-01-88   2:17p      1034 C:\WABAMUN\TWPS\T5355\HNGEOL\LOG
->0250   5-30-88  10:36a        24 C:\WABAMUN\TWPS\T5355\HNGEOL\TOL
->0251   5-30-88  10:51a       768 C:\WABAMUN\TWPS\T5355\HNGEOL\LAB
->0252   5-30-88  10:51a        60 C:\WABAMUN\TWPS\T5355\HNGEOL\NRF
->0253   5-30-88  10:51a       768 C:\WABAMUN\TWPS\T5355\HNGEOL\CNT
->0254  10-31-88   9:40a      4352 C:\WABAMUN\TWPS\T5355\HNGEOL\ARC
->0255  10-31-88   9:40a       768 C:\WABAMUN\TWPS\T5355\HNGEOL\ARX
->0256   5-30-88  10:51a       512 C:\WABAMUN\TWPS\T5355\HNGEOL\CNX
->0257   5-30-88  10:51a       128 C:\WABAMUN\TWPS\T5355\HNGEOL\PRF
->0258  10-31-88   9:40a      1280 C:\WABAMUN\TWPS\T5355\HNGEOL\PAL
->0259  10-31-88   9:40a       512 C:\WABAMUN\TWPS\T5355\HNGEOL\PAX
->0260   5-30-88  10:51a        16 C:\WABAMUN\TWPS\T5355\HNGEOL\BND
->0261   5-30-88  10:51a      1824 C:\WABAMUN\TWPS\T5355\HNGEOL\PAT
->0262   6-09-88   1:22p        16 C:\WABAMUN\TWPS\T5355\WISO3\BND
->0263   3-10-88   9:31a        48 C:\WABAMUN\TWPS\T5355\WISO3\TIC
->0264   6-09-88   1:20p        24 C:\WABAMUN\TWPS\T5355\WISO3\TOL
->0265   6-09-88   1:26p      3434 C:\WABAMUN\TWPS\T5355\WISO3\LOG
->0266   6-09-88   1:22p      1024 C:\WABAMUN\TWPS\T5355\WISO3\LAB
->0267   6-09-88   1:22p       684 C:\WABAMUN\TWPS\T5355\WISO3\PAT
->0268   6-09-88   1:22p      1280 C:\WABAMUN\TWPS\T5355\WISO3\CNT
->0269   6-09-88   1:22p       312 C:\WABAMUN\TWPS\T5355\WISO3\NRF
->0270   6-09-88   1:24p      3640 C:\WABAMUN\TWPS\T5355\WISO3\AAT
->0271   6-09-88   1:22p       512 C:\WABAMUN\TWPS\T5355\WISO3\CNX
->0272   6-09-88   1:25p     12800 C:\WABAMUN\TWPS\T5355\WISO3\ARC
->0273   6-09-88   1:25p      1280 C:\WABAMUN\TWPS\T5355\WISO3\ARX
->0274   6-09-88   1:22p      3328 C:\WABAMUN\TWPS\T5355\WISO3\PAL
->0275   6-09-88   1:22p       512 C:\WABAMUN\TWPS\T5355\WISO3\PAX
->0276   5-31-88  10:33a        16 C:\WABAMUN\TWPS\T5355\WFMS\BND
->0277   3-21-88   2:45p        48 C:\WABAMUN\TWPS\T5355\WFMS\TIC
->0278   5-31-88  10:29a        24 C:\WABAMUN\TWPS\T5355\WFMS\TOL
->0279   5-31-88  10:39a      2156 C:\WABAMUN\TWPS\T5355\WFMS\LOG
->0280   6-02-88  11:01a      1536 C:\WABAMUN\TWPS\T5355\WFMS\LAB
->0281   5-31-88  10:33a      1260 C:\WABAMUN\TWPS\T5355\WFMS\PAT
->0282   6-02-88  11:01a      2048 C:\WABAMUN\TWPS\T5355\WFMS\CNT
->0283   5-31-88  10:33a       468 C:\WABAMUN\TWPS\T5355\WFMS\NRF
->0284   5-31-88  10:33a      4920 C:\WABAMUN\TWPS\T5355\WFMS\AAT
->0285   6-02-88  11:01a       768 C:\WABAMUN\TWPS\T5355\WFMS\CNX
->0286   2-10-89   9:39a     31232 C:\WABAMUN\TWPS\T5355\WFMS\ARC
->0287   2-10-89   9:39a      1536 C:\WABAMUN\TWPS\T5355\WFMS\ARX
->0288   2-10-89   9:39a      4864 C:\WABAMUN\TWPS\T5355\WFMS\PAL
->0289   2-10-89   9:39a       768 C:\WABAMUN\TWPS\T5355\WFMS\PAX
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->0290   5-31-88  10:44a      16 C:\WABAMUN\TWPS\T5355\WSCT3\BND
->0291   3-22-88   1:42p      48 C:\WABAMUN\TWPS\T5355\WSCT3\TIC
->0292   5-31-88  10:42a      24 C:\WABAMUN\TWPS\T5355\WSCT3\TOL
->0293   5-31-88  10:48a    1152 C:\WABAMUN\TWPS\T5355\WSCT3\LOG
->0294   6-02-88  11:02a     768 C:\WABAMUN\TWPS\T5355\WSCT3\LAB
->0295   5-31-88  10:44a     324 C:\WABAMUN\TWPS\T5355\WSCT3\PAT
->0296   6-02-88  11:02a     768 C:\WABAMUN\TWPS\T5355\WSCT3\CNT
->0297   5-31-88  10:44a      60 C:\WABAMUN\TWPS\T5355\WSCT3\NRF
->0298   5-31-88  10:44a     680 C:\WABAMUN\TWPS\T5355\WSCT3\AAT
->0299   6-02-88  11:02a     512 C:\WABAMUN\TWPS\T5355\WSCT3\CNX
->0300   2-10-89  10:34a    6656 C:\WABAMUN\TWPS\T5355\WSCT3\ARC
->0301   2-10-89  10:34a     512 C:\WABAMUN\TWPS\T5355\WSCT3\ARX
->0302   2-10-89  10:34a    1280 C:\WABAMUN\TWPS\T5355\WSCT3\PAL
->0303   2-10-89  10:34a     512 C:\WABAMUN\TWPS\T5355\WSCT3\PAX
->0304   6-21-88   2:02p      16 C:\WABAMUN\TWPS\T5355\UNDER\BND
->0305   5-12-88   4:35p      48 C:\WABAMUN\TWPS\T5355\UNDER\TIC
->0306   6-21-88   2:12p     623 C:\WABAMUN\TWPS\T5355\UNDER\LOG
->0307  11-09-88   2:15p     512 C:\WABAMUN\TWPS\T5355\UNDER\LAB
->0308   6-21-88   2:02p     768 C:\WABAMUN\TWPS\T5355\UNDER\TXT
->0309   6-21-88   2:02p      52 C:\WABAMUN\TWPS\T5355\UNDER\PAT
->0310   6-21-88   2:02p     512 C:\WABAMUN\TWPS\T5355\UNDER\TXX
->0311   6-21-88   2:04p      16 C:\WABAMUN\TWPS\T5355\UNCERT\BND
->0312   5-12-88   4:36p      48 C:\WABAMUN\TWPS\T5355\UNCERT\TIC
->0313   6-21-88   2:15p     703 C:\WABAMUN\TWPS\T5355\UNCERT\LOG
->0314   6-21-88   2:04p     512 C:\WABAMUN\TWPS\T5355\UNCERT\LAB
->0315   6-21-88   2:04p     512 C:\WABAMUN\TWPS\T5355\UNCERT\TXT
->0316   6-21-88   2:04p      48 C:\WABAMUN\TWPS\T5355\UNCERT\PAT
->0317   6-21-88   2:04p     512 C:\WABAMUN\TWPS\T5355\UNCERT\TXX
->0318   6-21-88   2:06p      16 C:\WABAMUN\TWPS\T5355\SURF\BND
->0319   5-12-88   4:33p      48 C:\WABAMUN\TWPS\T5355\SURF\TIC
->0320   6-21-88   2:18p     652 C:\WABAMUN\TWPS\T5355\SURF\LOG
->0321  11-09-88   2:15p     512 C:\WABAMUN\TWPS\T5355\SURF\LAB
->0322   6-21-88   2:06p     512 C:\WABAMUN\TWPS\T5355\SURF\TXT
->0323   6-21-88   2:06p      26 C:\WABAMUN\TWPS\T5355\SURF\PAT
->0324   6-21-88   2:06p     512 C:\WABAMUN\TWPS\T5355\SURF\TXX
->0325   6-14-88   1:35p      16 C:\WABAMUN\TWPS\T5355\STAT\BND
->0326   4-07-88   8:32a      48 C:\WABAMUN\TWPS\T5355\STAT\TIC
->0327   6-14-88   1:36p     587 C:\WABAMUN\TWPS\T5355\STAT\LOG
->0328   6-14-88   1:46p     300 C:\WABAMUN\TWPS\T5355\STAT\PAT
->0329   6-14-88  10:45a     512 C:\WABAMUN\TWPS\T5355\STAT\TXT
->0330   6-14-88  10:45a     512 C:\WABAMUN\TWPS\T5355\STAT\TXX
->0331   6-14-88   1:35p      96 C:\WABAMUN\TWPS\T5355\STAT\PRF
->0332   2-10-89  10:35a     768 C:\WABAMUN\TWPS\T5355\STAT\LAB
->0333   6-16-88   9:04a      16 C:\WABAMUN\TWPS\T5355\HNSC1\BND
->0334   5-26-88   2:30p      48 C:\WABAMUN\TWPS\T5355\HNSC1\TIC
->0335   6-16-88   9:02a      24 C:\WABAMUN\TWPS\T5355\HNSC1\TOL
->0336   6-16-88   9:07a    1153 C:\WABAMUN\TWPS\T5355\HNSC1\LOG
->0337   6-16-88   9:04a    1024 C:\WABAMUN\TWPS\T5355\HNSC1\LAB
->0338   6-16-88   9:04a     504 C:\WABAMUN\TWPS\T5355\HNSC1\PAT
->0339   6-16-88   9:04a    1024 C:\WABAMUN\TWPS\T5355\HNSC1\CNT
->0340   6-16-88   9:04a     108 C:\WABAMUN\TWPS\T5355\HNSC1\NRF
->0341   6-16-88   9:06a    1520 C:\WABAMUN\TWPS\T5355\HNSC1\AAT
->0342   6-16-88   9:04a     512 C:\WABAMUN\TWPS\T5355\HNSC1\CNX
->0343  11-09-88   2:15p    3840 C:\WABAMUN\TWPS\T5355\HNSC1\ARC
->0344  11-09-88   2:15p     768 C:\WABAMUN\TWPS\T5355\HNSC1\ARX
->0345  11-09-88   2:15p    1792 C:\WABAMUN\TWPS\T5355\HNSC1\PAL
->0346  11-09-88   2:15p     512 C:\WABAMUN\TWPS\T5355\HNSC1\PAX
->0347   3-03-89   4:03p   24832 C:\WABAMUN\TWPS\T5355\MAP1\E0001.PLT
->0348   2-10-89   8:44a    1078 C:\WABAMUN\TWPS\T5345\LOG
->0349   9-16-88   9:59a     167 C:\WABAMUN\TWPS\T5345\WISO3.KEY
->0350   2-16-89   2:41p    6683 C:\WABAMUN\TWPS\T5345\MANUAL.~SM
->0351   3-03-89   2:18p    6719 C:\WABAMUN\TWPS\T5345\MANUAL.SML
->0352   9-16-88  10:01a     117 C:\WABAMUN\TWPS\T5345\WFMS.KEY
->0353   9-16-88  10:03a     104 C:\WABAMUN\TWPS\T5345\WSCT3.KEY
->0354   9-14-88   4:40p      55 C:\WABAMUN\TWPS\T5345\PRINTER.SML
->0355   5-25-88   7:28a      48 C:\WABAMUN\TWPS\T5345\BND\TIC
->0356   6-09-88   1:18p      28 C:\WABAMUN\TWPS\T5345\BND\AAT
->0357   6-09-88   1:35p     422 C:\WABAMUN\TWPS\T5345\BND\LOG
->0358   5-25-88  11:27a     512 C:\WABAMUN\TWPS\T5345\BND\LAB
->0359   5-25-88  11:27a       4 C:\WABAMUN\TWPS\T5345\BND\NRF
->0360   5-25-88  11:27a     512 C:\WABAMUN\TWPS\T5345\BND\CNT
->0361   6-14-88  10:46a     768 C:\WABAMUN\TWPS\T5345\BND\ARC
->0362   6-14-88  10:46a     512 C:\WABAMUN\TWPS\T5345\BND\ARX
->0363   5-25-88  11:27a     512 C:\WABAMUN\TWPS\T5345\BND\CNX
->0364   5-25-88  11:27a      32 C:\WABAMUN\TWPS\T5345\BND\PAT
->0365   6-14-88  10:46a     512 C:\WABAMUN\TWPS\T5345\BND\PAL
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->0366   6-14-88  10:46a      512 C:\WABAMUN\TWPS\T5345\BND\PAX
->0367   5-25-88  11:27a       16 C:\WABAMUN\TWPS\T5345\BND\BND
->0368  10-03-88   8:31a    22800 C:\WABAMUN\TWPS\T5345\INFO\ARC.DR9
->0369   6-09-88   1:35p      432 C:\WABAMUN\TWPS\T5345\INFO\ARC008.NIT
->0370   6-09-88   1:35p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC008.DAT
->0371   6-09-88   1:35p      576 C:\WABAMUN\TWPS\T5345\INFO\ARC005.NIT
->0372   6-09-88   1:35p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC005.DAT
->0373   6-09-88   1:35p      576 C:\WABAMUN\TWPS\T5345\INFO\ARC004.NIT
->0374   6-09-88   1:35p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC004.DAT
->0375   6-09-88   1:35p     1008 C:\WABAMUN\TWPS\T5345\INFO\ARC003.NIT
->0376   6-09-88   1:35p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC003.DAT
->0377   5-31-88   5:43p      432 C:\WABAMUN\TWPS\T5345\INFO\ARC038.NIT
->0378   5-31-88   5:43p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC038.DAT
->0379   5-31-88   5:43p      576 C:\WABAMUN\TWPS\T5345\INFO\ARC037.NIT
->0380   5-31-88   5:43p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC037.DAT
->0381   5-31-88   8:05a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC006.NIT
->0382   5-31-88   8:05a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC006.DAT
->0383   5-31-88   5:43p     1152 C:\WABAMUN\TWPS\T5345\INFO\ARC007.NIT
->0384   5-31-88   5:43p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC007.DAT
->0385   6-01-88   8:33a     1152 C:\WABAMUN\TWPS\T5345\INFO\ARC011.NIT
->0386   6-01-88   8:33a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC011.DAT
->0387   6-01-88   8:33a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC010.NIT
->0388   6-01-88   8:33a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC010.DAT
->0389   6-01-88   8:33a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC009.NIT
->0390   6-01-88   8:33a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC009.DAT
->0391   6-01-88   9:21a     1152 C:\WABAMUN\TWPS\T5345\INFO\ARC015.NIT
->0392   6-01-88   9:21a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC015.DAT
->0393   6-01-88   9:21a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC014.NIT
->0394   6-01-88   9:21a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC014.DAT
->0395   6-01-88   9:21a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC013.NIT
->0396   6-01-88   9:21a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC013.DAT
->0397   6-01-88   9:21a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC012.NIT
->0398   6-01-88   9:21a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC012.DAT
->0399   6-09-88   1:33p     1296 C:\WABAMUN\TWPS\T5345\INFO\ARC028.NIT
->0400   6-09-88   1:33p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC028.DAT
->0401   5-31-88   8:07a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC016.NIT
->0402   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC016.DAT
->0403   5-31-88   8:07a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC017.NIT
->0404   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC017.DAT
->0405   5-31-88   8:07a     1152 C:\WABAMUN\TWPS\T5345\INFO\ARC018.NIT
->0406   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC018.DAT
->0407   5-31-88   8:07a     1152 C:\WABAMUN\TWPS\T5345\INFO\ARC019.NIT
->0408   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC019.DAT
->0409   5-31-88   8:07a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC020.NIT
->0410   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC020.DAT
->0411   5-31-88   8:07a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC021.NIT
->0412   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC021.DAT
->0413   5-31-88   8:07a     1152 C:\WABAMUN\TWPS\T5345\INFO\ARC022.NIT
->0414   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC022.DAT
->0415   5-31-88   8:07a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC023.NIT
->0416   5-31-88   8:07a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC023.DAT
->0417   5-31-88   8:08a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC024.NIT
->0418   5-31-88   8:08a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC024.DAT
->0419   6-09-88   1:33p     1008 C:\WABAMUN\TWPS\T5345\INFO\ARC027.NIT
->0420   6-09-88   1:33p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC027.DAT
->0421   6-09-88   1:33p      576 C:\WABAMUN\TWPS\T5345\INFO\ARC026.NIT
->0422   6-09-88   1:33p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC026.DAT
->0423   6-09-88   1:33p      432 C:\WABAMUN\TWPS\T5345\INFO\ARC025.NIT
->0424   6-09-88   1:33p       80 C:\WABAMUN\TWPS\T5345\INFO\ARC025.DAT
->0425   6-14-88   1:46p      432 C:\WABAMUN\TWPS\T5345\INFO\ARC040.NIT
->0426   6-20-88   3:34p      432 C:\WABAMUN\TWPS\T5345\INFO\ARC042.NIT
->0427   5-31-88  10:40a     1296 C:\WABAMUN\TWPS\T5345\INFO\ARC029.NIT
->0428   5-31-88  10:40a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC029.DAT
->0429   5-31-88  10:40a     1008 C:\WABAMUN\TWPS\T5345\INFO\ARC030.NIT
->0430   5-31-88  10:40a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC030.DAT
->0431   5-31-88  10:40a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC031.NIT
->0432   5-31-88  10:40a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC031.DAT
->0433   5-31-88  10:40a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC032.NIT
->0434   5-31-88  10:40a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC032.DAT
->0435   5-31-88  10:49a     1296 C:\WABAMUN\TWPS\T5345\INFO\ARC033.NIT
->0436   5-31-88  10:49a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC033.DAT
->0437   5-31-88  10:49a     1008 C:\WABAMUN\TWPS\T5345\INFO\ARC034.NIT
->0438   5-31-88  10:49a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC034.DAT
->0439   5-31-88  10:49a      576 C:\WABAMUN\TWPS\T5345\INFO\ARC035.NIT
->0440   5-31-88  10:49a       80 C:\WABAMUN\TWPS\T5345\INFO\ARC035.DAT
->0441   5-31-88  10:49a      432 C:\WABAMUN\TWPS\T5345\INFO\ARC036.NIT
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->0442  5-31-88 10:49a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC036.DAT
->0443  6-14-88  1:46p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC040.DAT
->0444  6-20-88  3:34p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC042.DAT
->0445  6-14-88  1:46p       576 C:\WABAMUN\TWPS\T5345\INFO\ARC041.NIT
->0446  6-14-88  1:46p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC041.DAT
->0447  6-14-88  1:46p      1008 C:\WABAMUN\TWPS\T5345\INFO\ARC039.NIT
->0448  6-14-88  1:46p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC039.DAT
->0449  6-20-88  3:35p       576 C:\WABAMUN\TWPS\T5345\INFO\ARC002.NIT
->0450  6-20-88  3:35p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC002.DAT
->0451  6-20-88  3:35p       576 C:\WABAMUN\TWPS\T5345\INFO\ARC001.NIT
->0452  6-20-88  3:35p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC001.DAT
->0453  6-20-88  3:35p      1008 C:\WABAMUN\TWPS\T5345\INFO\ARC000.NIT
->0454  6-20-88  3:35p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC000.DAT
->0455  6-21-88 11:29a       432 C:\WABAMUN\TWPS\T5345\INFO\ARC043.NIT
->0456  6-21-88 11:29a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC043.DAT
->0457  6-21-88 11:29a       576 C:\WABAMUN\TWPS\T5345\INFO\ARC044.NIT
->0458  6-21-88 11:29a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC044.DAT
->0459  6-21-88 11:29a       720 C:\WABAMUN\TWPS\T5345\INFO\ARC045.NIT
->0460  6-21-88 11:29a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC045.DAT
->0461  6-21-88 11:29a      1008 C:\WABAMUN\TWPS\T5345\INFO\ARC046.NIT
->0462  6-21-88 11:29a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC046.DAT
->0463  6-21-88 11:37a       720 C:\WABAMUN\TWPS\T5345\INFO\ARC047.NIT
->0464  6-21-88 11:37a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC047.DAT
->0465  6-21-88 11:37a       576 C:\WABAMUN\TWPS\T5345\INFO\ARC048.NIT
->0466  6-21-88 11:37a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC048.DAT
->0467  6-21-88 11:37a       432 C:\WABAMUN\TWPS\T5345\INFO\ARC049.NIT
->0468  6-21-88 11:37a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC049.DAT
->0469  6-21-88 11:37a      1008 C:\WABAMUN\TWPS\T5345\INFO\ARC050.NIT
->0470  6-21-88 11:37a        80 C:\WABAMUN\TWPS\T5345\INFO\ARC050.DAT
->0471  6-21-88  2:13p       864 C:\WABAMUN\TWPS\T5345\INFO\ARC051.NIT
->0472  6-21-88  2:13p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC051.DAT
->0473  6-21-88  2:13p       576 C:\WABAMUN\TWPS\T5345\INFO\ARC052.NIT
->0474  6-21-88  2:13p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC052.DAT
->0475  6-21-88  2:13p       432 C:\WABAMUN\TWPS\T5345\INFO\ARC053.NIT
->0476  6-21-88  2:13p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC053.DAT
->0477  6-21-88  2:16p       864 C:\WABAMUN\TWPS\T5345\INFO\ARC054.NIT
->0478  6-21-88  2:16p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC054.DAT
->0479  6-21-88  2:16p       576 C:\WABAMUN\TWPS\T5345\INFO\ARC055.NIT
->0480  6-21-88  2:16p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC055.DAT
->0481  6-21-88  2:16p       432 C:\WABAMUN\TWPS\T5345\INFO\ARC056.NIT
->0482  6-21-88  2:16p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC056.DAT
->0483  6-21-88  2:19p       864 C:\WABAMUN\TWPS\T5345\INFO\ARC057.NIT
->0484  6-21-88  2:19p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC057.DAT
->0485  6-21-88  2:19p       576 C:\WABAMUN\TWPS\T5345\INFO\ARC058.NIT
->0486  6-21-88  2:19p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC058.DAT
->0487  6-21-88  2:19p       432 C:\WABAMUN\TWPS\T5345\INFO\ARC059.NIT
->0488  6-21-88  2:19p        80 C:\WABAMUN\TWPS\T5345\INFO\ARC059.DAT
->0489  5-25-88  7:28a        48 C:\WABAMUN\TWPS\T5345\ATS\TIC
->0490  5-31-88  5:43p      2324 C:\WABAMUN\TWPS\T5345\ATS\ARF
->0491  6-01-88  8:06a       373 C:\WABAMUN\TWPS\T5345\ATS\LOG
->0492  6-01-88  8:05a       512 C:\WABAMUN\TWPS\T5345\ATS\LAB
->0493  5-31-88  5:43p       192 C:\WABAMUN\TWPS\T5345\ATS\NRF
->0494  6-01-88  8:05a      1280 C:\WABAMUN\TWPS\T5345\ATS\CNT
->0495  3-03-89  4:01p      4608 C:\WABAMUN\TWPS\T5345\ATS\ARC
->0496  3-03-89  4:01p      1024 C:\WABAMUN\TWPS\T5345\ATS\ARX
->0497  6-01-88  8:05a       768 C:\WABAMUN\TWPS\T5345\ATS\CNX
->0498  5-31-88  5:43p       592 C:\WABAMUN\TWPS\T5345\ATS\PAT
->0499  3-03-89  4:01p      3584 C:\WABAMUN\TWPS\T5345\ATS\PAL
->0500  3-03-89  4:01p       768 C:\WABAMUN\TWPS\T5345\ATS\PAX
->0501  5-31-88  5:43p        16 C:\WABAMUN\TWPS\T5345\ATS\BND
->0502  6-01-88  8:05a      2656 C:\WABAMUN\TWPS\T5345\ATS\AAT
->0503  6-01-88  8:15a        16 C:\WABAMUN\TWPS\T5345\RIV\BND
->0504  3-03-88 11:24a        48 C:\WABAMUN\TWPS\T5345\RIV\TIC
->0505  6-01-88  8:14a        12 C:\WABAMUN\TWPS\T5345\RIV\TOL
->0506  6-01-88  8:33a       539 C:\WABAMUN\TWPS\T5345\RIV\LOG
->0507  3-03-89  4:01p      1536 C:\WABAMUN\TWPS\T5345\RIV\ARC
->0508  6-01-88  8:15a       288 C:\WABAMUN\TWPS\T5345\RIV\AAT
->0509  3-03-89  4:01p       512 C:\WABAMUN\TWPS\T5345\RIV\ARX
->0510  6-01-88  8:15a        60 C:\WABAMUN\TWPS\T5345\RIV\NRF
->0511  6-01-88  9:10a        16 C:\WABAMUN\TWPS\T5345\LAK\BND
->0512  3-03-88  9:57a        48 C:\WABAMUN\TWPS\T5345\LAK\TIC
->0513  6-01-88  9:09a        12 C:\WABAMUN\TWPS\T5345\LAK\TOL
->0514  6-01-88  9:21a       743 C:\WABAMUN\TWPS\T5345\LAK\LOG
->0515  6-01-88  9:10a       768 C:\WABAMUN\TWPS\T5345\LAK\LAB
->0516  6-01-88  9:09a        96 C:\WABAMUN\TWPS\T5345\LAK\PAT
->0517  6-01-88  9:09a       768 C:\WABAMUN\TWPS\T5345\LAK\CNT
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->0518  6-01-88  9:09a      48 C:\WABAMUN\TWPS\T5345\LAK\NRF
->0519  6-01-88  9:10a     288 C:\WABAMUN\TWPS\T5345\LAK\AAT
->0520  6-01-88  9:09a     512 C:\WABAMUN\TWPS\T5345\LAK\CNX
->0521  3-03-89  4:01p    2304 C:\WABAMUN\TWPS\T5345\LAK\ARC
->0522  3-03-89  4:01p     512 C:\WABAMUN\TWPS\T5345\LAK\ARX
->0523  3-03-89  4:01p    1024 C:\WABAMUN\TWPS\T5345\LAK\PAL
->0524  3-03-89  4:01p     512 C:\WABAMUN\TWPS\T5345\LAK\PAX
->0525  5-26-88  2:24p      16 C:\WABAMUN\TWPS\T5345\HWY\BND
->0526  3-03-88 11:10a      48 C:\WABAMUN\TWPS\T5345\HWY\TIC
->0527  5-26-88  2:23p      12 C:\WABAMUN\TWPS\T5345\HWY\TOL
->0528  5-31-88  8:07a     646 C:\WABAMUN\TWPS\T5345\HWY\LOG
->0529  2-10-89  8:28a    5888 C:\WABAMUN\TWPS\T5345\HWY\ARC
->0530  5-26-88  2:24p    3200 C:\WABAMUN\TWPS\T5345\HWY\AAT
->0531  2-10-89  8:28a    1280 C:\WABAMUN\TWPS\T5345\HWY\ARX
->0532  5-26-88  2:23p     376 C:\WABAMUN\TWPS\T5345\HWY\NRF
->0533  5-27-88  7:32a      16 C:\WABAMUN\TWPS\T5345\SET\BND
->0534  3-03-88  9:38a      48 C:\WABAMUN\TWPS\T5345\SET\TIC
->0535  5-27-88  7:31a      12 C:\WABAMUN\TWPS\T5345\SET\TOL
->0536  5-31-88  8:07a     861 C:\WABAMUN\TWPS\T5345\SET\LOG
->0537  5-27-88  7:32a    5376 C:\WABAMUN\TWPS\T5345\SET\ARC
->0538  5-27-88  7:32a     448 C:\WABAMUN\TWPS\T5345\SET\AAT
->0539  5-27-88  7:32a     512 C:\WABAMUN\TWPS\T5345\SET\ARX
->0540  5-27-88  7:32a      64 C:\WABAMUN\TWPS\T5345\SET\NRF
->0541  5-27-88  8:41a      16 C:\WABAMUN\TWPS\T5345\MDB\BND
->0542  3-03-88 10:54a      48 C:\WABAMUN\TWPS\T5345\MDB\TIC
->0543  5-27-88  8:40a      12 C:\WABAMUN\TWPS\T5345\MDB\TOL
->0544  5-31-88  8:08a     757 C:\WABAMUN\TWPS\T5345\MDB\LOG
->0545  5-27-88  8:41a     512 C:\WABAMUN\TWPS\T5345\MDB\ARC
->0546  5-27-88  8:40a      64 C:\WABAMUN\TWPS\T5345\MDB\AAT
->0547  5-27-88  8:41a     512 C:\WABAMUN\TWPS\T5345\MDB\ARX
->0548  5-27-88  8:40a      12 C:\WABAMUN\TWPS\T5345\MDB\NRF
->0549  6-09-88  1:30p      16 C:\WABAMUN\TWPS\T5345\WISO3\BND
->0550  3-10-88  9:31a      48 C:\WABAMUN\TWPS\T5345\WISO3\TIC
->0551  6-09-88  1:27p      24 C:\WABAMUN\TWPS\T5345\WISO3\TOL
->0552  6-09-88  1:33p    3434 C:\WABAMUN\TWPS\T5345\WISO3\LOG
->0553  6-09-88  1:30p    2816 C:\WABAMUN\TWPS\T5345\WISO3\LAB
->0554  6-09-88  1:30p    2592 C:\WABAMUN\TWPS\T5345\WISO3\PAT
->0555  6-09-88  1:29p    3584 C:\WABAMUN\TWPS\T5345\WISO3\CNT
->0556  6-09-88  1:29p     476 C:\WABAMUN\TWPS\T5345\WISO3\NRF
->0557  6-09-88  1:31p    5320 C:\WABAMUN\TWPS\T5345\WISO3\AAT
->0558  6-09-88  1:29p    1024 C:\WABAMUN\TWPS\T5345\WISO3\CNX
->0559  2-10-89  8:30a   25856 C:\WABAMUN\TWPS\T5345\WISO3\ARC
->0560  2-10-89  8:30a    1536 C:\WABAMUN\TWPS\T5345\WISO3\ARX
->0561  2-10-89  8:30a    6400 C:\WABAMUN\TWPS\T5345\WISO3\PAL
->0562  2-10-89  8:30a    1024 C:\WABAMUN\TWPS\T5345\WISO3\PAX
->0563  5-31-88 10:38a      16 C:\WABAMUN\TWPS\T5345\WFMS\BND
->0564  3-21-88  2:45p      48 C:\WABAMUN\TWPS\T5345\WFMS\TIC
->0565  5-31-88 10:34a      24 C:\WABAMUN\TWPS\T5345\WFMS\TOL
->0566  5-31-88 10:40a    2156 C:\WABAMUN\TWPS\T5345\WFMS\LOG
->0567  6-02-88 11:17a    1792 C:\WABAMUN\TWPS\T5345\WFMS\LAB
->0568  5-31-88 10:38a    1620 C:\WABAMUN\TWPS\T5345\WFMS\PAT
->0569  6-02-88 11:17a    2560 C:\WABAMUN\TWPS\T5345\WFMS\CNT
->0570  5-31-88 10:37a     324 C:\WABAMUN\TWPS\T5345\WFMS\NRF
->0571  5-31-88 10:38a    3600 C:\WABAMUN\TWPS\T5345\WFMS\AAT
->0572  6-02-88 11:17a     768 C:\WABAMUN\TWPS\T5345\WFMS\CNX
->0573  3-03-89  3:59p   29952 C:\WABAMUN\TWPS\T5345\WFMS\ARC
->0574  3-03-89  3:59p    1280 C:\WABAMUN\TWPS\T5345\WFMS\ARX
->0575  3-03-89  3:59p    4352 C:\WABAMUN\TWPS\T5345\WFMS\PAL
->0576  3-03-89  3:59p     768 C:\WABAMUN\TWPS\T5345\WFMS\PAX
->0577  5-31-88 10:47a      16 C:\WABAMUN\TWPS\T5345\WSCT3\BND
->0578  3-22-88  1:42p      48 C:\WABAMUN\TWPS\T5345\WSCT3\TIC
->0579  5-31-88 10:45a      24 C:\WABAMUN\TWPS\T5345\WSCT3\TOL
->0580  5-31-88 10:49a    1152 C:\WABAMUN\TWPS\T5345\WSCT3\LOG
->0581  6-02-88 11:12a    2816 C:\WABAMUN\TWPS\T5345\WSCT3\LAB
->0582  5-31-88 10:47a    2556 C:\WABAMUN\TWPS\T5345\WSCT3\PAT
->0583  6-02-88 11:12a    3584 C:\WABAMUN\TWPS\T5345\WSCT3\CNT
->0584  5-31-88 10:47a     400 C:\WABAMUN\TWPS\T5345\WSCT3\NRF
->0585  5-31-88 10:47a    4600 C:\WABAMUN\TWPS\T5345\WSCT3\AAT
->0586  6-02-88 11:12a    1024 C:\WABAMUN\TWPS\T5345\WSCT3\CNX
->0587  3-03-89  4:02p   31488 C:\WABAMUN\TWPS\T5345\WSCT3\ARC
->0588  3-03-89  4:02p    1280 C:\WABAMUN\TWPS\T5345\WSCT3\ARX
->0589  3-03-89  4:02p    5888 C:\WABAMUN\TWPS\T5345\WSCT3\PAL
->0590  3-03-89  4:02p    1024 C:\WABAMUN\TWPS\T5345\WSCT3\PAX
->0591  5-12-88  3:48p      48 C:\WABAMUN\TWPS\T5345\MINED\TIC
->0592  6-20-88  2:56p     112 C:\WABAMUN\TWPS\T5345\MINED\AAT
->0593  6-20-88  3:35p     579 C:\WABAMUN\TWPS\T5345\MINED\LOG
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->0594   6-20-88   2:28p        24 C:\WABAMUN\TWPS\T5345\MINED\TOL
->0595   6-20-88   2:28p       512 C:\WABAMUN\TWPS\T5345\MINED\TXT
->0596   6-20-88   2:28p       512 C:\WABAMUN\TWPS\T5345\MINED\TXX
->0597   6-20-88   2:55p       512 C:\WABAMUN\TWPS\T5345\MINED\LAB
->0598   6-20-88   2:55p        16 C:\WABAMUN\TWPS\T5345\MINED\NRF
->0599   6-20-88   2:55p       512 C:\WABAMUN\TWPS\T5345\MINED\CNT
->0600  11-08-88   5:39p      2048 C:\WABAMUN\TWPS\T5345\MINED\ARC
->0601  11-08-88   5:39p       512 C:\WABAMUN\TWPS\T5345\MINED\ARX
->0602   6-20-88   2:55p       512 C:\WABAMUN\TWPS\T5345\MINED\CNX
->0603   6-20-88   2:55p        80 C:\WABAMUN\TWPS\T5345\MINED\PAT
->0604  11-08-88   5:39p       768 C:\WABAMUN\TWPS\T5345\MINED\PAL
->0605  11-08-88   5:39p       512 C:\WABAMUN\TWPS\T5345\MINED\PAX
->0606   6-20-88   2:55p        16 C:\WABAMUN\TWPS\T5345\MINED\BND
->0607   6-20-88   2:31p        16 C:\WABAMUN\TWPS\T5345\LIC\BND
->0608   5-12-88   3:42p        48 C:\WABAMUN\TWPS\T5345\LIC\TIC
->0609   6-20-88   2:30p        24 C:\WABAMUN\TWPS\T5345\LIC\TOL
->0610   6-21-88  11:29a       853 C:\WABAMUN\TWPS\T5345\LIC\LOG
->0611   6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5345\LIC\LAB
->0612   6-20-88   2:31p        66 C:\WABAMUN\TWPS\T5345\LIC\PAT
->0613   6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5345\LIC\CNT
->0614   6-20-88   2:31p         8 C:\WABAMUN\TWPS\T5345\LIC\NRF
->0615   6-21-88  11:28a        56 C:\WABAMUN\TWPS\T5345\LIC\AAT
->0616   6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5345\LIC\CNX
->0617   6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5345\LIC\TXT
->0618   2-10-89   8:35a       768 C:\WABAMUN\TWPS\T5345\LIC\ARC
->0619   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\LIC\ARX
->0620   6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5345\LIC\TXX
->0621   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\LIC\PAL
->0622   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\LIC\PAX
->0623   5-12-88   3:50p        48 C:\WABAMUN\TWPS\T5345\PERM\TIC
->0624   6-21-88  11:36a        28 C:\WABAMUN\TWPS\T5345\PERM\AAT
->0625   6-21-88  11:37a       999 C:\WABAMUN\TWPS\T5345\PERM\LOG
->0626   6-20-88   2:35p        24 C:\WABAMUN\TWPS\T5345\PERM\TOL
->0627   6-20-88   2:36p       512 C:\WABAMUN\TWPS\T5345\PERM\TXT
->0628   6-20-88   2:36p       512 C:\WABAMUN\TWPS\T5345\PERM\TXX
->0629   6-21-88  11:36a       512 C:\WABAMUN\TWPS\T5345\PERM\LAB
->0630   6-21-88  11:35a         4 C:\WABAMUN\TWPS\T5345\PERM\NRF
->0631   6-21-88  11:36a       512 C:\WABAMUN\TWPS\T5345\PERM\CNT
->0632   2-10-89   8:35a       768 C:\WABAMUN\TWPS\T5345\PERM\ARC
->0633   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\PERM\ARX
->0634   6-21-88  11:36a       512 C:\WABAMUN\TWPS\T5345\PERM\CNX
->0635   6-21-88  11:35a        32 C:\WABAMUN\TWPS\T5345\PERM\PRF
->0636   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\PERM\PAL
->0637   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\PERM\PAX
->0638   6-21-88  11:35a        16 C:\WABAMUN\TWPS\T5345\PERM\BND
->0639   6-21-88  11:36a        48 C:\WABAMUN\TWPS\T5345\PERM\PAT
->0640   6-14-88   1:46p        16 C:\WABAMUN\TWPS\T5345\STAT\BND
->0641   4-07-88   8:32a        48 C:\WABAMUN\TWPS\T5345\STAT\TIC
->0642   6-14-88   1:46p       587 C:\WABAMUN\TWPS\T5345\STAT\LOG
->0643   6-14-88   1:47p       100 C:\WABAMUN\TWPS\T5345\STAT\PAT
->0644   6-14-88  10:46a       512 C:\WABAMUN\TWPS\T5345\STAT\TXT
->0645   6-14-88  10:46a       512 C:\WABAMUN\TWPS\T5345\STAT\TXX
->0646   6-14-88   1:46p        32 C:\WABAMUN\TWPS\T5345\STAT\PRF
->0647   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\STAT\LAB
->0648   6-21-88   2:03p        16 C:\WABAMUN\TWPS\T5345\UNDER\BND
->0649   5-12-88   4:35p        48 C:\WABAMUN\TWPS\T5345\UNDER\TIC
->0650   6-21-88   2:13p       623 C:\WABAMUN\TWPS\T5345\UNDER\LOG
->0651   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\UNDER\LAB
->0652   6-21-88   2:03p       768 C:\WABAMUN\TWPS\T5345\UNDER\TXT
->0653   6-21-88   2:03p       104 C:\WABAMUN\TWPS\T5345\UNDER\PAT
->0654   6-21-88   2:03p       512 C:\WABAMUN\TWPS\T5345\UNDER\TXX
->0655   6-21-88   2:05p        16 C:\WABAMUN\TWPS\T5345\UNCERT\BND
->0656   5-12-88   4:36p        48 C:\WABAMUN\TWPS\T5345\UNCERT\TIC
->0657   6-21-88   2:16p       703 C:\WABAMUN\TWPS\T5345\UNCERT\LOG
->0658   9-15-88   5:01p       768 C:\WABAMUN\TWPS\T5345\UNCERT\LAB
->0659   6-21-88   2:05p       512 C:\WABAMUN\TWPS\T5345\UNCERT\TXT
->0660   6-21-88   2:05p       120 C:\WABAMUN\TWPS\T5345\UNCERT\PAT
->0661   6-21-88   2:05p       512 C:\WABAMUN\TWPS\T5345\UNCERT\TXX
->0662   6-21-88   2:07p        16 C:\WABAMUN\TWPS\T5345\SURF\BND
->0663   5-12-88   4:33p        48 C:\WABAMUN\TWPS\T5345\SURF\TIC
->0664   6-21-88   2:19p       652 C:\WABAMUN\TWPS\T5345\SURF\LOG
->0665   2-10-89   8:35a       512 C:\WABAMUN\TWPS\T5345\SURF\LAB
->0666   6-21-88   2:07p       512 C:\WABAMUN\TWPS\T5345\SURF\TXT
->0667   6-21-88   2:07p        26 C:\WABAMUN\TWPS\T5345\SURF\PAT
->0668   6-21-88   2:07p       512 C:\WABAMUN\TWPS\T5345\SURF\TXX
->0669   2-15-89   5:08p       899 C:\WABAMUN\TWPS\T5255\LOG
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->0670  9-21-88 10:02a      0 C:\WABAMUN\TWPS\T5255\NMMMMMMM.$
->0671  3-03-89  2:17p   8070 C:\WABAMUN\TWPS\T5255\MANUAL.SML
->0672  9-19-88  4:28p    270 C:\WABAMUN\TWPS\T5255\HISO1.KEY
->0673  9-19-88  4:29p    103 C:\WABAMUN\TWPS\T5255\HISO2.KEY
->0674  9-19-88  4:37p    134 C:\WABAMUN\TWPS\T5255\HNGEOL.KEY
->0675  9-19-88  4:41p    229 C:\WABAMUN\TWPS\T5255\HNSC1.KEY
->0676  9-14-88  4:40p     55 C:\WABAMUN\TWPS\T5255\PRINTER.SML
->0677  2-16-89  2:38p   8034 C:\WABAMUN\TWPS\T5255\MANUAL.~SM
->0678  5-25-88  7:36a     48 C:\WABAMUN\TWPS\T5255\BND\TIC
->0679  5-25-88 11:29a     28 C:\WABAMUN\TWPS\T5255\BND\AAT
->0680  5-31-88  8:10a    315 C:\WABAMUN\TWPS\T5255\BND\LOG
->0681  5-25-88 11:29a    512 C:\WABAMUN\TWPS\T5255\BND\LAB
->0682  5-25-88 11:28a      4 C:\WABAMUN\TWPS\T5255\BND\NRF
->0683  5-25-88 11:29a    512 C:\WABAMUN\TWPS\T5255\BND\CNT
->0684  6-16-88  9:12a    768 C:\WABAMUN\TWPS\T5255\BND\ARC
->0685  6-16-88  9:12a    512 C:\WABAMUN\TWPS\T5255\BND\ARX
->0686  5-25-88 11:29a    512 C:\WABAMUN\TWPS\T5255\BND\CNX
->0687  5-25-88 11:29a     32 C:\WABAMUN\TWPS\T5255\BND\PAT
->0688  6-14-88 10:49a    512 C:\WABAMUN\TWPS\T5255\BND\PAL
->0689  6-14-88 10:49a    512 C:\WABAMUN\TWPS\T5255\BND\PAX
->0690  5-25-88 11:29a     16 C:\WABAMUN\TWPS\T5255\BND\BND
->0691  9-21-88  9:29a  19760 C:\WABAMUN\TWPS\T5255\INFO\ARC.DR9
->0692  5-31-88  8:10a    432 C:\WABAMUN\TWPS\T5255\INFO\ARC000.NIT
->0693  5-31-88  8:10a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC000.DAT
->0694  5-31-88  8:10a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC001.NIT
->0695  5-31-88  8:10a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC001.DAT
->0696  5-31-88  8:10a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC002.NIT
->0697  5-31-88  8:10a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC002.DAT
->0698  5-31-88  8:10a   1008 C:\WABAMUN\TWPS\T5255\INFO\ARC003.NIT
->0699  5-31-88  8:10a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC003.DAT
->0700  5-31-88  5:47p    432 C:\WABAMUN\TWPS\T5255\INFO\ARC032.NIT
->0701  5-31-88  5:47p     80 C:\WABAMUN\TWPS\T5255\INFO\ARC032.DAT
->0702  5-31-88  5:47p    576 C:\WABAMUN\TWPS\T5255\INFO\ARC031.NIT
->0703  5-31-88  5:47p     80 C:\WABAMUN\TWPS\T5255\INFO\ARC031.DAT
->0704  5-31-88  8:10a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC006.NIT
->0705  5-31-88  8:10a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC006.DAT
->0706  5-31-88  5:47p   1152 C:\WABAMUN\TWPS\T5255\INFO\ARC007.NIT
->0707  5-31-88  5:47p     80 C:\WABAMUN\TWPS\T5255\INFO\ARC007.DAT
->0708  6-01-88  8:34a   1152 C:\WABAMUN\TWPS\T5255\INFO\ARC011.NIT
->0709  6-01-88  8:34a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC011.DAT
->0710  6-01-88  8:34a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC010.NIT
->0711  6-01-88  8:34a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC010.DAT
->0712  6-01-88  8:34a    432 C:\WABAMUN\TWPS\T5255\INFO\ARC009.NIT
->0713  6-01-88  8:34a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC009.DAT
->0714  6-01-88  9:22a   1152 C:\WABAMUN\TWPS\T5255\INFO\ARC015.NIT
->0715  6-01-88  9:22a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC015.DAT
->0716  6-01-88  9:22a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC014.NIT
->0717  6-01-88  9:22a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC014.DAT
->0718  6-01-88  9:22a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC013.NIT
->0719  6-01-88  9:22a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC013.DAT
->0720  6-01-88  9:22a    432 C:\WABAMUN\TWPS\T5255\INFO\ARC012.NIT
->0721  6-01-88  9:22a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC012.DAT
->0722  6-14-88  2:16p    432 C:\WABAMUN\TWPS\T5255\INFO\ARC034.NIT
->0723  6-20-88  3:37p    432 C:\WABAMUN\TWPS\T5255\INFO\ARC036.NIT
->0724  5-31-88  8:11a   1152 C:\WABAMUN\TWPS\T5255\INFO\ARC016.NIT
->0725  5-31-88  8:11a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC016.DAT
->0726  5-31-88  8:11a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC017.NIT
->0727  5-31-88  8:11a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC017.DAT
->0728  5-31-88  8:11a    432 C:\WABAMUN\TWPS\T5255\INFO\ARC018.NIT
->0729  5-31-88  8:11a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC018.DAT
->0730  5-31-88  8:12a   1296 C:\WABAMUN\TWPS\T5255\INFO\ARC019.NIT
->0731  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC019.DAT
->0732  5-31-88  8:12a   1008 C:\WABAMUN\TWPS\T5255\INFO\ARC020.NIT
->0733  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC020.DAT
->0734  5-31-88  8:12a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC021.NIT
->0735  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC021.DAT
->0736  5-31-88  8:12a    432 C:\WABAMUN\TWPS\T5255\INFO\ARC022.NIT
->0737  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC022.DAT
->0738  5-31-88  8:12a   1296 C:\WABAMUN\TWPS\T5255\INFO\ARC023.NIT
->0739  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC023.DAT
->0740  5-31-88  8:12a   1008 C:\WABAMUN\TWPS\T5255\INFO\ARC024.NIT
->0741  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC024.DAT
->0742  5-31-88  8:12a    576 C:\WABAMUN\TWPS\T5255\INFO\ARC025.NIT
->0743  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC025.DAT
->0744  5-31-88  8:12a    432 C:\WABAMUN\TWPS\T5255\INFO\ARC026.NIT
->0745  5-31-88  8:12a     80 C:\WABAMUN\TWPS\T5255\INFO\ARC026.DAT
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->0746  5-31-88   8:13a      1008 C:\WABAMUN\TWPS\T5255\INFO\ARC027.NIT
->0747  5-31-88   8:13a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC027.DAT
->0748  5-31-88   8:13a      1152 C:\WABAMUN\TWPS\T5255\INFO\ARC028.NIT
->0749  5-31-88   8:13a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC028.DAT
->0750  5-31-88   8:13a       576 C:\WABAMUN\TWPS\T5255\INFO\ARC029.NIT
->0751  5-31-88   8:13a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC029.DAT
->0752  5-31-88   8:13a       432 C:\WABAMUN\TWPS\T5255\INFO\ARC030.NIT
->0753  5-31-88   8:13a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC030.DAT
->0754  6-14-88   2:16p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC034.DAT
->0755  6-20-88   3:37p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC036.DAT
->0756  6-14-88   2:16p       576 C:\WABAMUN\TWPS\T5255\INFO\ARC035.NIT
->0757  6-14-88   2:16p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC035.DAT
->0758  6-14-88   2:16p      1008 C:\WABAMUN\TWPS\T5255\INFO\ARC033.NIT
->0759  6-14-88   2:16p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC033.DAT
->0760  6-20-88   3:37p       576 C:\WABAMUN\TWPS\T5255\INFO\ARC008.NIT
->0761  6-20-88   3:37p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC008.DAT
->0762  6-20-88   3:38p       576 C:\WABAMUN\TWPS\T5255\INFO\ARC005.NIT
->0763  6-20-88   3:37p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC005.DAT
->0764  6-20-88   3:38p      1008 C:\WABAMUN\TWPS\T5255\INFO\ARC004.NIT
->0765  6-20-88   3:38p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC004.DAT
->0766  6-16-88   9:11a       432 C:\WABAMUN\TWPS\T5255\INFO\ARC037.NIT
->0767  6-16-88   9:11a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC037.DAT
->0768  6-16-88   9:11a       576 C:\WABAMUN\TWPS\T5255\INFO\ARC038.NIT
->0769  6-16-88   9:11a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC038.DAT
->0770  6-16-88   9:11a      1008 C:\WABAMUN\TWPS\T5255\INFO\ARC039.NIT
->0771  6-16-88   9:11a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC039.DAT
->0772  6-16-88   9:11a      1296 C:\WABAMUN\TWPS\T5255\INFO\ARC040.NIT
->0773  6-16-88   9:11a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC040.DAT
->0774  6-21-88  11:32a       432 C:\WABAMUN\TWPS\T5255\INFO\ARC041.NIT
->0775  6-21-88  11:32a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC041.DAT
->0776  6-21-88  11:32a       576 C:\WABAMUN\TWPS\T5255\INFO\ARC042.NIT
->0777  6-21-88  11:32a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC042.DAT
->0778  6-21-88  11:32a       720 C:\WABAMUN\TWPS\T5255\INFO\ARC043.NIT
->0779  6-21-88  11:32a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC043.DAT
->0780  6-21-88  11:32a      1008 C:\WABAMUN\TWPS\T5255\INFO\ARC044.NIT
->0781  6-21-88  11:32a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC044.DAT
->0782  6-21-88  11:41a       720 C:\WABAMUN\TWPS\T5255\INFO\ARC045.NIT
->0783  6-21-88  11:41a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC045.DAT
->0784  6-21-88  11:41a       576 C:\WABAMUN\TWPS\T5255\INFO\ARC046.NIT
->0785  6-21-88  11:41a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC046.DAT
->0786  6-21-88  11:41a       432 C:\WABAMUN\TWPS\T5255\INFO\ARC047.NIT
->0787  6-21-88  11:41a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC047.DAT
->0788  6-21-88  11:41a      1008 C:\WABAMUN\TWPS\T5255\INFO\ARC048.NIT
->0789  6-21-88  11:41a        80 C:\WABAMUN\TWPS\T5255\INFO\ARC048.DAT
->0790  6-21-88   2:19p       864 C:\WABAMUN\TWPS\T5255\INFO\ARC049.NIT
->0791  6-21-88   2:19p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC049.DAT
->0792  6-21-88   2:19p       576 C:\WABAMUN\TWPS\T5255\INFO\ARC050.NIT
->0793  6-21-88   2:19p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC050.DAT
->0794  6-21-88   2:19p       432 C:\WABAMUN\TWPS\T5255\INFO\ARC051.NIT
->0795  6-21-88   2:19p        80 C:\WABAMUN\TWPS\T5255\INFO\ARC051.DAT
->0796  5-25-88   7:36a        48 C:\WABAMUN\TWPS\T5255\ATS\TIC
->0797  5-31-88   5:46p      2352 C:\WABAMUN\TWPS\T5255\ATS\ARF
->0798  5-31-88   6:26p       382 C:\WABAMUN\TWPS\T5255\ATS\LOG
->0799  5-31-88   5:46p       512 C:\WABAMUN\TWPS\T5255\ATS\LAB
->0800  5-31-88   5:46p       196 C:\WABAMUN\TWPS\T5255\ATS\NRF
->0801  5-31-88   5:46p      1280 C:\WABAMUN\TWPS\T5255\ATS\CNT
->0802  2-15-89  11:39a      4608 C:\WABAMUN\TWPS\T5255\ATS\ARC
->0803  2-15-89  11:39a      1280 C:\WABAMUN\TWPS\T5255\ATS\ARX
->0804  5-31-88   5:46p       768 C:\WABAMUN\TWPS\T5255\ATS\CNX
->0805  5-31-88   5:46p       592 C:\WABAMUN\TWPS\T5255\ATS\PAT
->0806  2-10-89  11:16a      3584 C:\WABAMUN\TWPS\T5255\ATS\PAL
->0807  2-10-89  11:16a       768 C:\WABAMUN\TWPS\T5255\ATS\PAX
->0808  5-31-88   5:46p        16 C:\WABAMUN\TWPS\T5255\ATS\BND
->0809  5-31-88   6:26p      2688 C:\WABAMUN\TWPS\T5255\ATS\AAT
->0810  6-01-88   8:16a        16 C:\WABAMUN\TWPS\T5255\RIV\BND
->0811  3-03-88  11:24a        48 C:\WABAMUN\TWPS\T5255\RIV\TIC
->0812  6-01-88   8:15a        12 C:\WABAMUN\TWPS\T5255\RIV\TOL
->0813  6-01-88   8:34a       539 C:\WABAMUN\TWPS\T5255\RIV\LOG
->0814  2-10-89  11:17a      3328 C:\WABAMUN\TWPS\T5255\RIV\ARC
->0815  6-01-88   8:16a       896 C:\WABAMUN\TWPS\T5255\RIV\AAT
->0816  2-10-89  11:17a       768 C:\WABAMUN\TWPS\T5255\RIV\ARX
->0817  6-01-88   8:16a       152 C:\WABAMUN\TWPS\T5255\RIV\NRF
->0818  6-01-88   9:11a        16 C:\WABAMUN\TWPS\T5255\LAK\BND
->0819  3-03-88   9:57a        48 C:\WABAMUN\TWPS\T5255\LAK\TIC
->0820  6-01-88   9:10a        12 C:\WABAMUN\TWPS\T5255\LAK\TOL
->0821  6-01-88   9:22a       743 C:\WABAMUN\TWPS\T5255\LAK\LOG
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->0822  6-01-88   9:11a      512 C:\WABAMUN\TWPS\T5255\LAK\LAB
->0823  6-01-88   9:11a       32 C:\WABAMUN\TWPS\T5255\LAK\PAT
->0824  6-01-88   9:10a      512 C:\WABAMUN\TWPS\T5255\LAK\CNT
->0825  6-01-88   9:10a       12 C:\WABAMUN\TWPS\T5255\LAK\NRF
->0826  6-01-88   9:11a       64 C:\WABAMUN\TWPS\T5255\LAK\AAT
->0827  6-01-88   9:10a      512 C:\WABAMUN\TWPS\T5255\LAK\CNX
->0828  2-10-89  11:17a     1024 C:\WABAMUN\TWPS\T5255\LAK\ARC
->0829  2-10-89  11:17a      512 C:\WABAMUN\TWPS\T5255\LAK\ARX
->0830  2-10-89  11:17a      512 C:\WABAMUN\TWPS\T5255\LAK\PAL
->0831  2-10-89  11:17a      512 C:\WABAMUN\TWPS\T5255\LAK\PAX
->0832  5-26-88   2:29p       16 C:\WABAMUN\TWPS\T5255\HWY\BND
->0833  3-03-88  11:10a       48 C:\WABAMUN\TWPS\T5255\HWY\TIC
->0834  5-26-88   2:28p       12 C:\WABAMUN\TWPS\T5255\HWY\TOL
->0835  5-31-88   8:11a      644 C:\WABAMUN\TWPS\T5255\HWY\LOG
->0836  9-20-88   3:44p     4096 C:\WABAMUN\TWPS\T5255\HWY\ARC
->0837  5-26-88   2:29p     1600 C:\WABAMUN\TWPS\T5255\HWY\AAT
->0838  9-20-88   3:44p      768 C:\WABAMUN\TWPS\T5255\HWY\ARX
->0839  5-26-88   2:29p      208 C:\WABAMUN\TWPS\T5255\HWY\NRF
->0840  5-27-88   9:30a       16 C:\WABAMUN\TWPS\T5255\HISO1\BND
->0841  3-17-88  11:32a       48 C:\WABAMUN\TWPS\T5255\HISO1\TIC
->0842  5-27-88   9:24a       24 C:\WABAMUN\TWPS\T5255\HISO1\TOL
->0843  5-31-88   8:12a     4023 C:\WABAMUN\TWPS\T5255\HISO1\LOG
->0844  6-01-88   1:21p     3072 C:\WABAMUN\TWPS\T5255\HISO1\LAB
->0845  5-27-88   9:30a     3060 C:\WABAMUN\TWPS\T5255\HISO1\PAT
->0846  6-01-88   1:21p     4096 C:\WABAMUN\TWPS\T5255\HISO1\CNT
->0847  5-27-88   9:29a      468 C:\WABAMUN\TWPS\T5255\HISO1\NRF
->0848  5-27-88   9:32a     5480 C:\WABAMUN\TWPS\T5255\HISO1\AAT
->0849  6-01-88   1:21p     1280 C:\WABAMUN\TWPS\T5255\HISO1\CNX
->0850  5-27-88   9:30a     1792 C:\WABAMUN\TWPS\T5255\HISO1\TXT
->0851  2-10-89  11:11a    33024 C:\WABAMUN\TWPS\T5255\HISO1\ARC
->0852  2-10-89  11:11a     1536 C:\WABAMUN\TWPS\T5255\HISO1\ARX
->0853  5-27-88   9:30a      512 C:\WABAMUN\TWPS\T5255\HISO1\TXX
->0854  2-10-89  11:11a     6912 C:\WABAMUN\TWPS\T5255\HISO1\PAL
->0855  2-10-89  11:11a     1280 C:\WABAMUN\TWPS\T5255\HISO1\PAX
->0856  5-30-88   9:00a       16 C:\WABAMUN\TWPS\T5255\HISO2\BND
->0857  3-14-88   2:37p       48 C:\WABAMUN\TWPS\T5255\HISO2\TIC
->0858  5-30-88   8:56a       24 C:\WABAMUN\TWPS\T5255\HISO2\TOL
->0859  5-31-88   8:12a     2484 C:\WABAMUN\TWPS\T5255\HISO2\LOG
->0860  6-01-88   1:26p     2304 C:\WABAMUN\TWPS\T5255\HISO2\LAB
->0861  5-30-88   9:00a     1944 C:\WABAMUN\TWPS\T5255\HISO2\PAT
->0862  6-01-88   1:26p     2816 C:\WABAMUN\TWPS\T5255\HISO2\CNT
->0863  5-30-88   9:00a      292 C:\WABAMUN\TWPS\T5255\HISO2\NRF
->0864  5-30-88   9:35a     3400 C:\WABAMUN\TWPS\T5255\HISO2\AAT
->0865  6-01-88   1:26p     1024 C:\WABAMUN\TWPS\T5255\HISO2\CNX
->0866  2-10-89  11:18a    16384 C:\WABAMUN\TWPS\T5255\HISO2\ARC
->0867  2-10-89  11:18a     1280 C:\WABAMUN\TWPS\T5255\HISO2\ARX
->0868  2-10-89  11:18a     4608 C:\WABAMUN\TWPS\T5255\HISO2\PAL
->0869  2-10-89  11:18a     1024 C:\WABAMUN\TWPS\T5255\HISO2\PAX
->0870  5-30-88  10:42a       16 C:\WABAMUN\TWPS\T5255\HNGEOL\BND
->0871  3-15-88   1:54p       48 C:\WABAMUN\TWPS\T5255\HNGEOL\TIC
->0872  5-30-88  10:39a       24 C:\WABAMUN\TWPS\T5255\HNGEOL\TOL
->0873  6-01-88   2:16p      969 C:\WABAMUN\TWPS\T5255\HNGEOL\LOG
->0874  5-30-88  10:42a      768 C:\WABAMUN\TWPS\T5255\HNGEOL\LAB
->0875  5-30-88  10:42a     2508 C:\WABAMUN\TWPS\T5255\HNGEOL\PAT
->0876  5-30-88  10:42a     1024 C:\WABAMUN\TWPS\T5255\HNGEOL\CNT
->0877  5-30-88  10:41a      120 C:\WABAMUN\TWPS\T5255\HNGEOL\NRF
->0878  6-01-88   1:52p     1036 C:\WABAMUN\TWPS\T5255\HNGEOL\AAT
->0879  5-30-88  10:42a      512 C:\WABAMUN\TWPS\T5255\HNGEOL\CNX
->0880 10-27-88   4:25p    21248 C:\WABAMUN\TWPS\T5255\HNGEOL\ARC
->0881 10-27-88   4:25p      768 C:\WABAMUN\TWPS\T5255\HNGEOL\ARX
->0882 10-27-88   4:25p     1792 C:\WABAMUN\TWPS\T5255\HNGEOL\PAL
->0883 10-27-88   4:25p      512 C:\WABAMUN\TWPS\T5255\HNGEOL\PAX
->0884  6-20-88   2:29p       16 C:\WABAMUN\TWPS\T5255\MINED\BND
->0885  5-12-88   3:48p       48 C:\WABAMUN\TWPS\T5255\MINED\TIC
->0886  6-20-88   2:28p       24 C:\WABAMUN\TWPS\T5255\MINED\TOL
->0887  6-20-88   3:38p      518 C:\WABAMUN\TWPS\T5255\MINED\LOG
->0888  6-20-88   2:29p      512 C:\WABAMUN\TWPS\T5255\MINED\LAB
->0889  6-20-88   2:29p       48 C:\WABAMUN\TWPS\T5255\MINED\PAT
->0890  6-20-88   2:29p      512 C:\WABAMUN\TWPS\T5255\MINED\CNT
->0891  6-20-88   2:29p        8 C:\WABAMUN\TWPS\T5255\MINED\NRF
->0892  6-20-88   3:37p       56 C:\WABAMUN\TWPS\T5255\MINED\AAT
->0893  6-20-88   2:29p      512 C:\WABAMUN\TWPS\T5255\MINED\CNX
->0894  6-20-88   2:29p      512 C:\WABAMUN\TWPS\T5255\MINED\TXT
->0895  9-19-88   4:13p      768 C:\WABAMUN\TWPS\T5255\MINED\ARC
->0896  9-19-88   4:13p      512 C:\WABAMUN\TWPS\T5255\MINED\ARX
->0897  6-20-88   2:29p      512 C:\WABAMUN\TWPS\T5255\MINED\TXX
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->0898  9-19-88   4:13p       512 C:\WABAMUN\TWPS\T5255\MINED\PAL
->0899  9-19-88   4:13p       512 C:\WABAMUN\TWPS\T5255\MINED\PAX
->0900  6-20-88   2:32p        16 C:\WABAMUN\TWPS\T5255\LIC\BND
->0901  5-12-88   3:42p        48 C:\WABAMUN\TWPS\T5255\LIC\TIC
->0902  6-20-88   2:31p        24 C:\WABAMUN\TWPS\T5255\LIC\TOL
->0903  6-21-88  11:32a       853 C:\WABAMUN\TWPS\T5255\LIC\LOG
->0904  6-20-88   2:32p       512 C:\WABAMUN\TWPS\T5255\LIC\LAB
->0905  6-20-88   2:32p        66 C:\WABAMUN\TWPS\T5255\LIC\PAT
->0906  6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5255\LIC\CNT
->0907  6-20-88   2:31p        12 C:\WABAMUN\TWPS\T5255\LIC\NRF
->0908  6-21-88  11:30a       112 C:\WABAMUN\TWPS\T5255\LIC\AAT
->0909  6-20-88   2:31p       512 C:\WABAMUN\TWPS\T5255\LIC\CNX
->0910  6-20-88   2:32p       512 C:\WABAMUN\TWPS\T5255\LIC\TXT
->0911  2-10-89  11:01a       768 C:\WABAMUN\TWPS\T5255\LIC\ARC
->0912  2-10-89  11:01a       512 C:\WABAMUN\TWPS\T5255\LIC\ARX
->0913  6-20-88   2:32p       512 C:\WABAMUN\TWPS\T5255\LIC\TXX
->0914  2-10-89  11:01a       768 C:\WABAMUN\TWPS\T5255\LIC\PAL
->0915  2-10-89  11:01a       512 C:\WABAMUN\TWPS\T5255\LIC\PAX
->0916  6-14-88   2:16p        16 C:\WABAMUN\TWPS\T5255\STAT\BND
->0917  4-07-88   8:32a        48 C:\WABAMUN\TWPS\T5255\STAT\TIC
->0918  6-14-88   2:16p       587 C:\WABAMUN\TWPS\T5255\STAT\LOG
->0919  6-14-88   2:33p      1250 C:\WABAMUN\TWPS\T5255\STAT\PAT
->0920  6-14-88  10:49a       512 C:\WABAMUN\TWPS\T5255\STAT\TXT
->0921  6-14-88  10:49a       512 C:\WABAMUN\TWPS\T5255\STAT\TXX
->0922  6-14-88   2:16p       400 C:\WABAMUN\TWPS\T5255\STAT\PRF
->0923  2-15-89  11:44a      1280 C:\WABAMUN\TWPS\T5255\STAT\LAB
->0924  6-16-88   9:11a        16 C:\WABAMUN\TWPS\T5255\HNSC1\BND
->0925  5-26-88   2:30p        48 C:\WABAMUN\TWPS\T5255\HNSC1\TIC
->0926  6-16-88   9:08a        24 C:\WABAMUN\TWPS\T5255\HNSC1\TOL
->0927  6-16-88   9:11a      1117 C:\WABAMUN\TWPS\T5255\HNSC1\LOG
->0928  6-16-88   9:11a      2560 C:\WABAMUN\TWPS\T5255\HNSC1\LAB
->0929  6-16-88   9:11a      2304 C:\WABAMUN\TWPS\T5255\HNSC1\PAT
->0930  6-16-88   9:11a      3328 C:\WABAMUN\TWPS\T5255\HNSC1\CNT
->0931  6-16-88   9:10a       388 C:\WABAMUN\TWPS\T5255\HNSC1\NRF
->0932  6-16-88   9:12a      5000 C:\WABAMUN\TWPS\T5255\HNSC1\AAT
->0933  6-16-88   9:11a      1024 C:\WABAMUN\TWPS\T5255\HNSC1\CNX
->0934 10-31-88  10:32a     30976 C:\WABAMUN\TWPS\T5255\HNSC1\ARC
->0935 10-31-88  10:32a      1536 C:\WABAMUN\TWPS\T5255\HNSC1\ARX
->0936 10-31-88  10:32a      5632 C:\WABAMUN\TWPS\T5255\HNSC1\PAL
->0937 10-31-88  10:32a      1024 C:\WABAMUN\TWPS\T5255\HNSC1\PAX
->0938  5-12-88   3:50p        48 C:\WABAMUN\TWPS\T5255\PERM\TIC
->0939  6-21-88  11:40a        28 C:\WABAMUN\TWPS\T5255\PERM\AAT
->0940  6-21-88  11:41a       936 C:\WABAMUN\TWPS\T5255\PERM\LOG
->0941  6-20-88   2:45p        24 C:\WABAMUN\TWPS\T5255\PERM\TOL
->0942  6-20-88   2:45p       512 C:\WABAMUN\TWPS\T5255\PERM\TXT
->0943  6-20-88   2:45p       512 C:\WABAMUN\TWPS\T5255\PERM\TXX
->0944  6-21-88  11:40a       512 C:\WABAMUN\TWPS\T5255\PERM\LAB
->0945  6-21-88  11:40a         4 C:\WABAMUN\TWPS\T5255\PERM\NRF
->0946  6-21-88  11:40a       512 C:\WABAMUN\TWPS\T5255\PERM\CNT
->0947  2-10-89  11:01a       768 C:\WABAMUN\TWPS\T5255\PERM\ARC
->0948  2-10-89  11:01a       512 C:\WABAMUN\TWPS\T5255\PERM\ARX
->0949  6-21-88  11:40a       512 C:\WABAMUN\TWPS\T5255\PERM\CNX
->0950  6-21-88  11:40a        32 C:\WABAMUN\TWPS\T5255\PERM\PRF
->0951  2-10-89  11:01a       512 C:\WABAMUN\TWPS\T5255\PERM\PAL
->0952  2-10-89  11:01a       512 C:\WABAMUN\TWPS\T5255\PERM\PAX
->0953  6-21-88  11:40a        16 C:\WABAMUN\TWPS\T5255\PERM\BND
->0954  6-21-88  11:40a        48 C:\WABAMUN\TWPS\T5255\PERM\PAT
->0955  6-21-88   2:07p        16 C:\WABAMUN\TWPS\T5255\SURF\BND
->0956  5-12-88   4:33p        48 C:\WABAMUN\TWPS\T5255\SURF\TIC
->0957  6-21-88   2:19p       652 C:\WABAMUN\TWPS\T5255\SURF\LOG
->0958  2-10-89  11:01a       512 C:\WABAMUN\TWPS\T5255\SURF\LAB
->0959  6-21-88   2:07p       512 C:\WABAMUN\TWPS\T5255\SURF\TXT
->0960  6-21-88   2:07p        26 C:\WABAMUN\TWPS\T5255\SURF\PAT
->0961  6-21-88   2:07p       512 C:\WABAMUN\TWPS\T5255\SURF\TXX
->0962  2-10-89  10:46a      1240 C:\WABAMUN\TWPS\T5245\LOG
->0963  9-21-88  11:50a       250 C:\WABAMUN\TWPS\T5245\HISO1.KEY
->0964  9-14-88   4:40p        55 C:\WABAMUN\TWPS\T5245\PRINTER.SML
->0965  3-03-89   2:16p     10871 C:\WABAMUN\TWPS\T5245\MANUAL.SML
->0966  2-16-89   2:37p     10835 C:\WABAMUN\TWPS\T5245\MANUAL.~SM
->0967  9-21-88   4:57p        84 C:\WABAMUN\TWPS\T5245\HISO2.KEY
->0968  9-21-88  11:52a       135 C:\WABAMUN\TWPS\T5245\HNGEOL.KEY
->0969  9-21-88  11:53a       112 C:\WABAMUN\TWPS\T5245\HSLS.KEY
->0970  9-21-88  11:55a       292 C:\WABAMUN\TWPS\T5245\HNSC1.KEY
->0971  9-21-88  11:57a        99 C:\WABAMUN\TWPS\T5245\HSDBED.KEY
->0972  5-25-88   7:34a        48 C:\WABAMUN\TWPS\T5245\BND\TIC
->0973  5-25-88  11:28a        28 C:\WABAMUN\TWPS\T5245\BND\AAT
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->0974  5-31-88   8:15a      315 C:\WABAMUN\TWPS\T5245\BND\LOG
->0975  5-25-88  11:28a      512 C:\WABAMUN\TWPS\T5245\BND\LAB
->0976  5-25-88  11:28a        4 C:\WABAMUN\TWPS\T5245\BND\NRF
->0977  5-25-88  11:28a      512 C:\WABAMUN\TWPS\T5245\BND\CNT
->0978  6-16-88   9:15a      768 C:\WABAMUN\TWPS\T5245\BND\ARC
->0979  6-16-88   9:15a      512 C:\WABAMUN\TWPS\T5245\BND\ARX
->0980  5-25-88  11:28a      512 C:\WABAMUN\TWPS\T5245\BND\CNX
->0981  5-25-88  11:28a       32 C:\WABAMUN\TWPS\T5245\BND\PAT
->0982  6-14-88  10:50a      512 C:\WABAMUN\TWPS\T5245\BND\PAL
->0983  6-14-88  10:50a      512 C:\WABAMUN\TWPS\T5245\BND\PAX
->0984  5-25-88  11:28a       16 C:\WABAMUN\TWPS\T5245\BND\BND
->0985  9-26-88   9:52a    26220 C:\WABAMUN\TWPS\T5245\INFO\ARC.DR9
->0986  5-31-88   8:15a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC000.NIT
->0987  5-31-88   8:15a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC000.DAT
->0988  5-31-88   8:15a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC001.NIT
->0989  5-31-88   8:15a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC001.DAT
->0990  5-31-88   8:15a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC002.NIT
->0991  5-31-88   8:15a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC002.DAT
->0992  5-31-88   8:15a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC003.NIT
->0993  5-31-88   8:15a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC003.DAT
->0994  5-31-88   5:50p      432 C:\WABAMUN\TWPS\T5245\INFO\ARC043.NIT
->0995  5-31-88   5:50p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC043.DAT
->0996  5-31-88   5:50p      576 C:\WABAMUN\TWPS\T5245\INFO\ARC042.NIT
->0997  5-31-88   5:50p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC042.DAT
->0998  5-31-88   8:16a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC006.NIT
->0999  5-31-88   8:16a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC006.DAT
->1000  5-31-88   5:50p     1152 C:\WABAMUN\TWPS\T5245\INFO\ARC007.NIT
->1001  5-31-88   5:50p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC007.DAT
->1002  6-01-88   8:34a     1152 C:\WABAMUN\TWPS\T5245\INFO\ARC011.NIT
->1003  6-01-88   8:34a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC011.DAT
->1004  6-01-88   8:34a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC010.NIT
->1005  6-01-88   8:34a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC010.DAT
->1006  6-01-88   8:34a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC009.NIT
->1007  6-01-88   8:34a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC009.DAT
->1008  6-01-88   9:22a     1152 C:\WABAMUN\TWPS\T5245\INFO\ARC015.NIT
->1009  6-01-88   9:22a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC015.DAT
->1010  6-01-88   9:22a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC014.NIT
->1011  6-01-88   9:22a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC014.DAT
->1012  6-01-88   9:22a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC013.NIT
->1013  6-01-88   9:22a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC013.DAT
->1014  6-01-88   9:22a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC012.NIT
->1015  6-01-88   9:22a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC012.DAT
->1016  6-01-88   1:33p      432 C:\WABAMUN\TWPS\T5245\INFO\ARC029.NIT
->1017  6-01-88   1:33p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC029.DAT
->1018  5-31-88   8:17a     1152 C:\WABAMUN\TWPS\T5245\INFO\ARC016.NIT
->1019  5-31-88   8:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC016.DAT
->1020  5-31-88   8:17a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC017.NIT
->1021  5-31-88   8:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC017.DAT
->1022  5-31-88   8:17a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC018.NIT
->1023  5-31-88   8:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC018.DAT
->1024  5-31-88   8:17a     1152 C:\WABAMUN\TWPS\T5245\INFO\ARC019.NIT
->1025  5-31-88   8:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC019.DAT
->1026  5-31-88   8:17a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC020.NIT
->1027  5-31-88   8:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC020.DAT
->1028  5-31-88   8:17a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC021.NIT
->1029  5-31-88   8:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC021.DAT
->1030  5-31-88   8:18a     1296 C:\WABAMUN\TWPS\T5245\INFO\ARC022.NIT
->1031  5-31-88   8:18a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC022.DAT
->1032  5-31-88   8:18a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC023.NIT
->1033  5-31-88   8:18a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC023.DAT
->1034  5-31-88   8:18a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC024.NIT
->1035  5-31-88   8:18a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC024.DAT
->1036  5-31-88   8:18a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC025.NIT
->1037  5-31-88   8:18a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC025.DAT
->1038  6-09-88  10:55a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC041.NIT
->1039  6-09-88  10:55a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC041.DAT
->1040  6-01-88   1:33p      576 C:\WABAMUN\TWPS\T5245\INFO\ARC028.NIT
->1041  6-01-88   1:33p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC028.DAT
->1042  6-01-88   1:33p     1296 C:\WABAMUN\TWPS\T5245\INFO\ARC027.NIT
->1043  6-01-88   1:33p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC027.DAT
->1044  6-01-88   1:33p     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC008.NIT
->1045  6-01-88   1:33p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC008.DAT
->1046  5-31-88   8:19a     1296 C:\WABAMUN\TWPS\T5245\INFO\ARC030.NIT
->1047  5-31-88   8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC030.DAT
->1048  5-31-88   8:19a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC031.NIT
->1049  5-31-88   8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC031.DAT
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->1050  5-31-88  8:19a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC032.NIT
->1051  5-31-88  8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC032.DAT
->1052  5-31-88  8:19a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC033.NIT
->1053  5-31-88  8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC033.DAT
->1054  5-31-88  8:19a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC034.NIT
->1055  5-31-88  8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC034.DAT
->1056  5-31-88  8:19a     1152 C:\WABAMUN\TWPS\T5245\INFO\ARC035.NIT
->1057  5-31-88  8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC035.DAT
->1058  5-31-88  8:19a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC036.NIT
->1059  5-31-88  8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC036.DAT
->1060  5-31-88  8:19a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC037.NIT
->1061  5-31-88  8:19a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC037.DAT
->1062  6-09-88 10:55a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC040.NIT
->1063  6-09-88 10:55a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC040.DAT
->1064  6-09-88 10:55a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC039.NIT
->1065  6-09-88 10:55a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC039.DAT
->1066  6-09-88 10:55a     1296 C:\WABAMUN\TWPS\T5245\INFO\ARC038.NIT
->1067  6-09-88 10:55a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC038.DAT
->1068  6-14-88  2:34p      432 C:\WABAMUN\TWPS\T5245\INFO\ARC045.NIT
->1069  6-21-88 11:26a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC047.NIT
->1070  6-14-88  2:34p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC045.DAT
->1071  6-21-88 11:26a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC047.DAT
->1072  6-14-88  2:34p      576 C:\WABAMUN\TWPS\T5245\INFO\ARC046.NIT
->1073  6-14-88  2:34p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC046.DAT
->1074  6-14-88  2:34p     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC044.NIT
->1075  6-14-88  2:34p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC044.DAT
->1076  6-21-88 11:26a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC026.NIT
->1077  6-21-88 11:26a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC026.DAT
->1078  6-21-88 11:26a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC005.NIT
->1079  6-21-88 11:26a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC005.DAT
->1080  6-21-88 11:26a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC004.NIT
->1081  6-21-88 11:26a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC004.DAT
->1082  6-16-88  9:17a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC048.NIT
->1083  6-16-88  9:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC048.DAT
->1084  6-16-88  9:17a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC049.NIT
->1085  6-16-88  9:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC049.DAT
->1086  6-16-88  9:17a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC050.NIT
->1087  6-16-88  9:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC050.DAT
->1088  6-16-88  9:17a     1296 C:\WABAMUN\TWPS\T5245\INFO\ARC051.NIT
->1089  6-16-88  9:17a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC051.DAT
->1090  6-21-88 11:32a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC052.NIT
->1091  6-21-88 11:32a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC052.DAT
->1092  6-21-88 11:32a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC053.NIT
->1093  6-21-88 11:32a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC053.DAT
->1094  6-21-88 11:32a      720 C:\WABAMUN\TWPS\T5245\INFO\ARC054.NIT
->1095  6-21-88 11:32a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC054.DAT
->1096  6-21-88 11:32a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC055.NIT
->1097  6-21-88 11:32a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC055.DAT
->1098  6-21-88 11:42a      720 C:\WABAMUN\TWPS\T5245\INFO\ARC056.NIT
->1099  6-21-88 11:42a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC056.DAT
->1100  6-21-88 11:42a      576 C:\WABAMUN\TWPS\T5245\INFO\ARC057.NIT
->1101  6-21-88 11:42a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC057.DAT
->1102  6-21-88 11:42a      432 C:\WABAMUN\TWPS\T5245\INFO\ARC058.NIT
->1103  6-21-88 11:42a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC058.DAT
->1104  6-21-88 11:42a     1008 C:\WABAMUN\TWPS\T5245\INFO\ARC059.NIT
->1105  6-21-88 11:42a       80 C:\WABAMUN\TWPS\T5245\INFO\ARC059.DAT
->1106  6-21-88  2:13p      864 C:\WABAMUN\TWPS\T5245\INFO\ARC060.NIT
->1107  6-21-88  2:13p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC060.DAT
->1108  6-21-88  2:13p      576 C:\WABAMUN\TWPS\T5245\INFO\ARC061.NIT
->1109  6-21-88  2:13p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC061.DAT
->1110  6-21-88  2:13p      432 C:\WABAMUN\TWPS\T5245\INFO\ARC062.NIT
->1111  6-21-88  2:13p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC062.DAT
->1112  6-21-88  2:16p      864 C:\WABAMUN\TWPS\T5245\INFO\ARC063.NIT
->1113  6-21-88  2:16p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC063.DAT
->1114  6-21-88  2:16p      576 C:\WABAMUN\TWPS\T5245\INFO\ARC064.NIT
->1115  6-21-88  2:16p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC064.DAT
->1116  6-21-88  2:17p      432 C:\WABAMUN\TWPS\T5245\INFO\ARC065.NIT
->1117  6-21-88  2:17p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC065.DAT
->1118  6-21-88  2:20p      864 C:\WABAMUN\TWPS\T5245\INFO\ARC066.NIT
->1119  6-21-88  2:20p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC066.DAT
->1120  6-21-88  2:20p      576 C:\WABAMUN\TWPS\T5245\INFO\ARC067.NIT
->1121  6-21-88  2:20p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC067.DAT
->1122  6-21-88  2:20p      432 C:\WABAMUN\TWPS\T5245\INFO\ARC068.NIT
->1123  6-21-88  2:20p       80 C:\WABAMUN\TWPS\T5245\INFO\ARC068.DAT
->1124  5-25-88  7:34a       48 C:\WABAMUN\TWPS\T5245\ATS\TIC
->1125  5-31-88  5:50p     2352 C:\WABAMUN\TWPS\T5245\ATS\ARF
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->1126  6-01-88   8:04a      382 C:\WABAMUN\TWPS\T5245\ATS\LOG
->1127  5-31-88   5:49p      512 C:\WABAMUN\TWPS\T5245\ATS\LAB
->1128  5-31-88   5:49p      196 C:\WABAMUN\TWPS\T5245\ATS\NRF
->1129  5-31-88   5:49p     1280 C:\WABAMUN\TWPS\T5245\ATS\CNT
->1130  2-10-89  10:59a     4608 C:\WABAMUN\TWPS\T5245\ATS\ARC
->1131  2-10-89  10:59a     1280 C:\WABAMUN\TWPS\T5245\ATS\ARX
->1132  5-31-88   5:49p      768 C:\WABAMUN\TWPS\T5245\ATS\CNX
->1133  5-31-88   5:49p      592 C:\WABAMUN\TWPS\T5245\ATS\PAT
->1134  2-10-89  10:59a     3584 C:\WABAMUN\TWPS\T5245\ATS\PAL
->1135  2-10-89  10:59a      768 C:\WABAMUN\TWPS\T5245\ATS\PAX
->1136  5-31-88   5:49p       16 C:\WABAMUN\TWPS\T5245\ATS\BND
->1137  6-01-88   8:04a     2688 C:\WABAMUN\TWPS\T5245\ATS\AAT
->1138  6-01-88   8:18a       16 C:\WABAMUN\TWPS\T5245\RIV\BND
->1139  3-03-88  11:24a       48 C:\WABAMUN\TWPS\T5245\RIV\TIC
->1140  6-01-88   8:17a       12 C:\WABAMUN\TWPS\T5245\RIV\TOL
->1141  6-01-88   8:34a      539 C:\WABAMUN\TWPS\T5245\RIV\LOG
->1142  2-10-89  10:59a     2048 C:\WABAMUN\TWPS\T5245\RIV\ARC
->1143  6-01-88   8:18a      544 C:\WABAMUN\TWPS\T5245\RIV\AAT
->1144  2-10-89  10:59a      512 C:\WABAMUN\TWPS\T5245\RIV\ARX
->1145  6-01-88   8:18a       88 C:\WABAMUN\TWPS\T5245\RIV\NRF
->1146  6-01-88   9:12a       16 C:\WABAMUN\TWPS\T5245\LAK\BND
->1147  3-03-88   9:57a       48 C:\WABAMUN\TWPS\T5245\LAK\TIC
->1148  6-01-88   9:11a       12 C:\WABAMUN\TWPS\T5245\LAK\TOL
->1149  6-01-88   9:22a      743 C:\WABAMUN\TWPS\T5245\LAK\LOG
->1150  6-01-88   9:12a     1024 C:\WABAMUN\TWPS\T5245\LAK\LAB
->1151  6-01-88   9:12a      256 C:\WABAMUN\TWPS\T5245\LAK\PAT
->1152  6-01-88   9:11a     1280 C:\WABAMUN\TWPS\T5245\LAK\CNT
->1153  6-01-88   9:11a      104 C:\WABAMUN\TWPS\T5245\LAK\NRF
->1154  6-01-88   9:12a      704 C:\WABAMUN\TWPS\T5245\LAK\AAT
->1155  6-01-88   9:11a      512 C:\WABAMUN\TWPS\T5245\LAK\CNX
->1156  2-10-89  10:59a     3840 C:\WABAMUN\TWPS\T5245\LAK\ARC
->1157  2-10-89  10:59a      768 C:\WABAMUN\TWPS\T5245\LAK\ARX
->1158  2-10-89  10:59a     1536 C:\WABAMUN\TWPS\T5245\LAK\PAL
->1159  2-10-89  10:59a      512 C:\WABAMUN\TWPS\T5245\LAK\PAX
->1160  5-26-88   2:31p       16 C:\WABAMUN\TWPS\T5245\HWY\BND
->1161  3-03-88  11:10a       48 C:\WABAMUN\TWPS\T5245\HWY\TIC
->1162  5-26-88   2:30p       12 C:\WABAMUN\TWPS\T5245\HWY\TOL
->1163  5-31-88   8:17a      644 C:\WABAMUN\TWPS\T5245\HWY\LOG
->1164  2-10-89  10:45a     3328 C:\WABAMUN\TWPS\T5245\HWY\ARC
->1165  5-26-88   2:31p     1888 C:\WABAMUN\TWPS\T5245\HWY\AAT
->1166  2-10-89  10:45a     1024 C:\WABAMUN\TWPS\T5245\HWY\ARX
->1167  5-26-88   2:31p      220 C:\WABAMUN\TWPS\T5245\HWY\NRF
->1168  5-27-88   7:35a       16 C:\WABAMUN\TWPS\T5245\SET\BND
->1169  3-03-88   9:38a       48 C:\WABAMUN\TWPS\T5245\SET\TIC
->1170  5-27-88   7:34a       12 C:\WABAMUN\TWPS\T5245\SET\TOL
->1171  5-31-88   8:17a      861 C:\WABAMUN\TWPS\T5245\SET\LOG
->1172  5-27-88   7:35a     5376 C:\WABAMUN\TWPS\T5245\SET\ARC
->1173  5-27-88   7:35a      320 C:\WABAMUN\TWPS\T5245\SET\AAT
->1174  5-27-88   7:35a      512 C:\WABAMUN\TWPS\T5245\SET\ARX
->1175  5-27-88   7:35a       48 C:\WABAMUN\TWPS\T5245\SET\NRF
->1176  5-27-88   9:39a       16 C:\WABAMUN\TWPS\T5245\HISO1\BND
->1177  3-17-88  11:32a       48 C:\WABAMUN\TWPS\T5245\HISO1\TIC
->1178  5-27-88   9:34a       24 C:\WABAMUN\TWPS\T5245\HISO1\TOL
->1179  5-31-88   8:18a     4023 C:\WABAMUN\TWPS\T5245\HISO1\LOG
->1180  6-01-88   1:30p     2304 C:\WABAMUN\TWPS\T5245\HISO1\LAB
->1181  5-27-88   9:39a     2160 C:\WABAMUN\TWPS\T5245\HISO1\PAT
->1182  6-01-88   1:30p     3072 C:\WABAMUN\TWPS\T5245\HISO1\CNT
->1183  5-27-88   9:38a      416 C:\WABAMUN\TWPS\T5245\HISO1\NRF
->1184  5-27-88   9:42a     5400 C:\WABAMUN\TWPS\T5245\HISO1\AAT
->1185  6-01-88   1:30p     1024 C:\WABAMUN\TWPS\T5245\HISO1\CNX
->1186  5-27-88   9:39a      768 C:\WABAMUN\TWPS\T5245\HISO1\TXT
->1187  2-10-89  10:50a    19456 C:\WABAMUN\TWPS\T5245\HISO1\ARC
->1188  2-10-89  10:50a     1536 C:\WABAMUN\TWPS\T5245\HISO1\ARX
->1189  5-27-88   9:39a      512 C:\WABAMUN\TWPS\T5245\HISO1\TXX
->1190  2-10-89  10:50a     5632 C:\WABAMUN\TWPS\T5245\HISO1\PAL
->1191  2-10-89  10:50a     1024 C:\WABAMUN\TWPS\T5245\HISO1\PAX
->1192  3-14-88   2:37p       48 C:\WABAMUN\TWPS\T5245\HISO2\TIC
->1193  6-01-88   1:33p     1848 C:\WABAMUN\TWPS\T5245\HISO2\ARF
->1194  6-01-88   1:33p     2551 C:\WABAMUN\TWPS\T5245\HISO2\LOG
->1195  5-30-88   9:02a       24 C:\WABAMUN\TWPS\T5245\HISO2\TOL
->1196  6-01-88   1:35p     1280 C:\WABAMUN\TWPS\T5245\HISO2\LAB
->1197  6-01-88   1:33p      208 C:\WABAMUN\TWPS\T5245\HISO2\NRF
->1198  6-01-88   1:35p     1280 C:\WABAMUN\TWPS\T5245\HISO2\CNT
->1199  2-10-89  10:55a    11008 C:\WABAMUN\TWPS\T5245\HISO2\ARC
->1200  2-10-89  10:55a     1024 C:\WABAMUN\TWPS\T5245\HISO2\ARX
->1201  6-01-88   1:35p      768 C:\WABAMUN\TWPS\T5245\HISO2\CNX
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->1202   6-01-88   1:33p       464 C:\WABAMUN\TWPS\T5245\HISO2\PRF
->1203   2-10-89  10:55a      3072 C:\WABAMUN\TWPS\T5245\HISO2\PAL
->1204   2-10-89  10:55a       768 C:\WABAMUN\TWPS\T5245\HISO2\PAX
->1205   6-01-88   1:33p        16 C:\WABAMUN\TWPS\T5245\HISO2\BND
->1206   6-01-88   1:33p      1044 C:\WABAMUN\TWPS\T5245\HISO2\PAT
->1207   6-01-88   1:33p      2640 C:\WABAMUN\TWPS\T5245\HISO2\AAT
->1208   5-30-88  11:16a        16 C:\WABAMUN\TWPS\T5245\HSLS\BND
->1209   4-28-88   3:57p        48 C:\WABAMUN\TWPS\T5245\HSLS\TIC
->1210   5-30-88  11:06a        24 C:\WABAMUN\TWPS\T5245\HSLS\TOL
->1211   5-31-88   8:19a      1555 C:\WABAMUN\TWPS\T5245\HSLS\LOG
->1212   6-02-88  11:23a      1024 C:\WABAMUN\TWPS\T5245\HSLS\LAB
->1213   5-30-88  11:16a       756 C:\WABAMUN\TWPS\T5245\HSLS\PAT
->1214   6-02-88  11:23a      1280 C:\WABAMUN\TWPS\T5245\HSLS\CNT
->1215   5-30-88  11:15a       152 C:\WABAMUN\TWPS\T5245\HSLS\NRF
->1216   5-30-88  11:16a      2080 C:\WABAMUN\TWPS\T5245\HSLS\AAT
->1217   6-02-88  11:23a       768 C:\WABAMUN\TWPS\T5245\HSLS\CNX
->1218  10-31-88  10:03a      7680 C:\WABAMUN\TWPS\T5245\HSLS\ARC
->1219  10-31-88  10:03a      1024 C:\WABAMUN\TWPS\T5245\HSLS\ARX
->1220  10-31-88  10:03a      2304 C:\WABAMUN\TWPS\T5245\HSLS\PAL
->1221  10-31-88  10:03a       768 C:\WABAMUN\TWPS\T5245\HSLS\PAX
->1222   5-30-88  10:45a        16 C:\WABAMUN\TWPS\T5245\HNGEOL\BND
->1223   3-15-88   1:54p        48 C:\WABAMUN\TWPS\T5245\HNGEOL\TIC
->1224   5-30-88  10:42a        24 C:\WABAMUN\TWPS\T5245\HNGEOL\TOL
->1225   6-01-88   1:55p       969 C:\WABAMUN\TWPS\T5245\HNGEOL\LOG
->1226   5-30-88  10:45a      1024 C:\WABAMUN\TWPS\T5245\HNGEOL\LAB
->1227   5-30-88  10:45a      4560 C:\WABAMUN\TWPS\T5245\HNGEOL\PAT
->1228   5-30-88  10:45a      1280 C:\WABAMUN\TWPS\T5245\HNGEOL\CNT
->1229   5-30-88  10:45a       176 C:\WABAMUN\TWPS\T5245\HNGEOL\NRF
->1230   6-01-88   1:54p      1708 C:\WABAMUN\TWPS\T5245\HNGEOL\AAT
->1231   5-30-88  10:45a       768 C:\WABAMUN\TWPS\T5245\HNGEOL\CNX
->1232  11-10-88   5:24p     17152 C:\WABAMUN\TWPS\T5245\HNGEOL\ARC
->1233  11-10-88   5:24p      1024 C:\WABAMUN\TWPS\T5245\HNGEOL\ARX
->1234  11-10-88   5:24p      2560 C:\WABAMUN\TWPS\T5245\HNGEOL\PAL
->1235  11-10-88   5:24p       768 C:\WABAMUN\TWPS\T5245\HNGEOL\PAX
->1236   6-09-88  10:51a        16 C:\WABAMUN\TWPS\T5245\HSDBED\BND
->1237   5-02-88   7:35a        48 C:\WABAMUN\TWPS\T5245\HSDBED\TIC
->1238   6-09-88  10:39a        24 C:\WABAMUN\TWPS\T5245\HSDBED\TOL
->1239   6-09-88  10:55a      2513 C:\WABAMUN\TWPS\T5245\HSDBED\LOG
->1240   6-09-88  10:51a      1536 C:\WABAMUN\TWPS\T5245\HSDBED\LAB
->1241   6-09-88  10:51a      1152 C:\WABAMUN\TWPS\T5245\HSDBED\PAT
->1242   6-09-88  10:51a      1792 C:\WABAMUN\TWPS\T5245\HSDBED\CNT
->1243   6-09-88  10:50a       312 C:\WABAMUN\TWPS\T5245\HSDBED\NRF
->1244   6-09-88  10:53a      4240 C:\WABAMUN\TWPS\T5245\HSDBED\AAT
->1245   6-09-88  10:51a       768 C:\WABAMUN\TWPS\T5245\HSDBED\CNX
->1246  10-31-88  10:04a     14336 C:\WABAMUN\TWPS\T5245\HSDBED\ARC
->1247  10-31-88  10:04a      1280 C:\WABAMUN\TWPS\T5245\HSDBED\ARX
->1248  10-31-88  10:04a      3840 C:\WABAMUN\TWPS\T5245\HSDBED\PAL
->1249  10-31-88  10:04a       768 C:\WABAMUN\TWPS\T5245\HSDBED\PAX
->1250   6-20-88   2:30p        16 C:\WABAMUN\TWPS\T5245\MINED\BND
->1251   5-12-88   3:48p        48 C:\WABAMUN\TWPS\T5245\MINED\TIC
->1252   6-20-88   2:29p        24 C:\WABAMUN\TWPS\T5245\MINED\TOL
->1253   6-21-88  11:26a       518 C:\WABAMUN\TWPS\T5245\MINED\LOG
->1254   6-20-88   2:30p       512 C:\WABAMUN\TWPS\T5245\MINED\LAB
->1255   6-20-88   2:30p        64 C:\WABAMUN\TWPS\T5245\MINED\PAT
->1256   6-20-88   2:30p       512 C:\WABAMUN\TWPS\T5245\MINED\CNT
->1257   6-20-88   2:30p        12 C:\WABAMUN\TWPS\T5245\MINED\NRF
->1258   6-21-88  11:25a        84 C:\WABAMUN\TWPS\T5245\MINED\AAT
->1259   6-20-88   2:30p       512 C:\WABAMUN\TWPS\T5245\MINED\CNX
->1260   6-20-88   2:30p       512 C:\WABAMUN\TWPS\T5245\MINED\TXT
->1261  10-31-88  10:05a      1792 C:\WABAMUN\TWPS\T5245\MINED\ARC
->1262  10-31-88  10:05a       512 C:\WABAMUN\TWPS\T5245\MINED\ARX
->1263   6-20-88   2:30p       512 C:\WABAMUN\TWPS\T5245\MINED\TXX
->1264  10-31-88  10:05a       768 C:\WABAMUN\TWPS\T5245\MINED\PAL
->1265  10-31-88  10:05a       512 C:\WABAMUN\TWPS\T5245\MINED\PAX
->1266   6-20-88   2:33p        16 C:\WABAMUN\TWPS\T5245\LIC\BND
->1267   5-12-88   3:42p        48 C:\WABAMUN\TWPS\T5245\LIC\TIC
->1268   6-20-88   2:32p        24 C:\WABAMUN\TWPS\T5245\LIC\TOL
->1269   6-21-88  11:32a       853 C:\WABAMUN\TWPS\T5245\LIC\LOG
->1270   6-20-88   2:33p       512 C:\WABAMUN\TWPS\T5245\LIC\LAB
->1271   6-20-88   2:32p        66 C:\WABAMUN\TWPS\T5245\LIC\PAT
->1272   6-20-88   2:32p       512 C:\WABAMUN\TWPS\T5245\LIC\CNT
->1273   6-20-88   2:32p         8 C:\WABAMUN\TWPS\T5245\LIC\NRF
->1274   6-21-88  11:30a        56 C:\WABAMUN\TWPS\T5245\LIC\AAT
->1275   6-20-88   2:32p       512 C:\WABAMUN\TWPS\T5245\LIC\CNX
->1276   6-20-88   2:33p       512 C:\WABAMUN\TWPS\T5245\LIC\TXT
->1277   2-10-89  10:40a      1024 C:\WABAMUN\TWPS\T5245\LIC\ARC
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->1278  2-10-89 10:40a      512 C:\WABAMUN\TWPS\T5245\LIC\ARX
->1279  6-20-88  2:33p      512 C:\WABAMUN\TWPS\T5245\LIC\TXX
->1280  2-10-89 10:40a      512 C:\WABAMUN\TWPS\T5245\LIC\PAL
->1281  2-10-89 10:40a      512 C:\WABAMUN\TWPS\T5245\LIC\PAX
->1282  5-12-88  3:50p       48 C:\WABAMUN\TWPS\T5245\PERM\TIC
->1283  6-21-88 11:42a       28 C:\WABAMUN\TWPS\T5245\PERM\AAT
->1284  6-21-88 11:42a      936 C:\WABAMUN\TWPS\T5245\PERM\LOG
->1285  6-20-88  2:45p       24 C:\WABAMUN\TWPS\T5245\PERM\TOL
->1286  6-20-88  2:46p      512 C:\WABAMUN\TWPS\T5245\PERM\TXT
->1287  6-20-88  2:46p      512 C:\WABAMUN\TWPS\T5245\PERM\TXX
->1288  6-21-88 11:41a      512 C:\WABAMUN\TWPS\T5245\PERM\LAB
->1289  6-21-88 11:41a        4 C:\WABAMUN\TWPS\T5245\PERM\NRF
->1290  6-21-88 11:41a      512 C:\WABAMUN\TWPS\T5245\PERM\CNT
->1291  2-10-89 10:39a     1024 C:\WABAMUN\TWPS\T5245\PERM\ARC
->1292  2-10-89 10:39a      512 C:\WABAMUN\TWPS\T5245\PERM\ARX
->1293  6-21-88 11:41a      512 C:\WABAMUN\TWPS\T5245\PERM\CNX
->1294  6-21-88 11:41a       32 C:\WABAMUN\TWPS\T5245\PERM\PRF
->1295  2-10-89 10:39a      512 C:\WABAMUN\TWPS\T5245\PERM\PAL
->1296  2-10-89 10:39a      512 C:\WABAMUN\TWPS\T5245\PERM\PAX
->1297  6-21-88 11:41a       16 C:\WABAMUN\TWPS\T5245\PERM\BND
->1298  6-21-88 11:41a       48 C:\WABAMUN\TWPS\T5245\PERM\PAT
->1299  6-14-88  2:34p       16 C:\WABAMUN\TWPS\T5245\STAT\BND
->1300  4-07-88  8:32a       48 C:\WABAMUN\TWPS\T5245\STAT\TIC
->1301  6-14-88  2:34p      587 C:\WABAMUN\TWPS\T5245\STAT\LOG
->1302  6-14-88  2:36p      300 C:\WABAMUN\TWPS\T5245\STAT\PAT
->1303  6-14-88 10:50a      512 C:\WABAMUN\TWPS\T5245\STAT\TXT
->1304  6-14-88 10:50a      512 C:\WABAMUN\TWPS\T5245\STAT\TXX
->1305  6-14-88  2:34p       96 C:\WABAMUN\TWPS\T5245\STAT\PRF
->1306  2-10-89 10:40a      768 C:\WABAMUN\TWPS\T5245\STAT\LAB
->1307  6-16-88  9:17a       16 C:\WABAMUN\TWPS\T5245\HNSC1\BND
->1308  5-26-88  2:30p       48 C:\WABAMUN\TWPS\T5245\HNSC1\TIC
->1309  6-16-88  9:14a       24 C:\WABAMUN\TWPS\T5245\HNSC1\TOL
->1310  6-16-88  9:17a     1117 C:\WABAMUN\TWPS\T5245\HNSC1\LOG
->1311  6-16-88  9:17a     1536 C:\WABAMUN\TWPS\T5245\HNSC1\LAB
->1312  6-16-88  9:17a     1332 C:\WABAMUN\TWPS\T5245\HNSC1\PAT
->1313  6-16-88  9:17a     2048 C:\WABAMUN\TWPS\T5245\HNSC1\CNT
->1314  6-16-88  9:17a      268 C:\WABAMUN\TWPS\T5245\HNSC1\NRF
->1315  6-16-88  9:18a     3840 C:\WABAMUN\TWPS\T5245\HNSC1\AAT
->1316  6-16-88  9:17a      768 C:\WABAMUN\TWPS\T5245\HNSC1\CNX
->1317 10-31-88 10:01a    15104 C:\WABAMUN\TWPS\T5245\HNSC1\ARC
->1318 10-31-88 10:01a     1280 C:\WABAMUN\TWPS\T5245\HNSC1\ARX
->1319 10-31-88 10:01a     3840 C:\WABAMUN\TWPS\T5245\HNSC1\PAL
->1320 10-31-88 10:01a      768 C:\WABAMUN\TWPS\T5245\HNSC1\PAX
->1321  6-21-88  2:03p       16 C:\WABAMUN\TWPS\T5245\UNDER\BND
->1322  5-12-88  4:35p       48 C:\WABAMUN\TWPS\T5245\UNDER\TIC
->1323  6-21-88  2:13p      623 C:\WABAMUN\TWPS\T5245\UNDER\LOG
->1324  2-10-89 10:40a      512 C:\WABAMUN\TWPS\T5245\UNDER\LAB
->1325  6-21-88  2:03p      512 C:\WABAMUN\TWPS\T5245\UNDER\TXT
->1326  6-21-88  2:03p       26 C:\WABAMUN\TWPS\T5245\UNDER\PAT
->1327  6-21-88  2:03p      512 C:\WABAMUN\TWPS\T5245\UNDER\TXX
->1328  6-21-88  2:05p       16 C:\WABAMUN\TWPS\T5245\UNCERT\BND
->1329  5-12-88  4:36p       48 C:\WABAMUN\TWPS\T5245\UNCERT\TIC
->1330  6-21-88  2:17p      703 C:\WABAMUN\TWPS\T5245\UNCERT\LOG
->1331  6-21-88  2:05p      512 C:\WABAMUN\TWPS\T5245\UNCERT\LAB
->1332  6-21-88  2:05p      512 C:\WABAMUN\TWPS\T5245\UNCERT\TXT
->1333  6-21-88  2:05p       48 C:\WABAMUN\TWPS\T5245\UNCERT\PAT
->1334  6-21-88  2:05p      512 C:\WABAMUN\TWPS\T5245\UNCERT\TXX
->1335  6-21-88  2:08p       16 C:\WABAMUN\TWPS\T5245\SURF\BND
->1336  5-12-88  4:33p       48 C:\WABAMUN\TWPS\T5245\SURF\TIC
->1337  6-21-88  2:20p      652 C:\WABAMUN\TWPS\T5245\SURF\LOG
->1338  2-10-89 10:40a      512 C:\WABAMUN\TWPS\T5245\SURF\LAB
->1339  6-21-88  2:08p      512 C:\WABAMUN\TWPS\T5245\SURF\TXT
->1340  6-21-88  2:08p       78 C:\WABAMUN\TWPS\T5245\SURF\PAT
->1341  6-21-88  2:08p      512 C:\WABAMUN\TWPS\T5245\SURF\TXX
->1342  3-03-89  2:15p     2128 C:\WABAMUN\TWPS\T5155\MANUAL.SML
->1343  9-26-88  9:32a      107 C:\WABAMUN\TWPS\T5155\LOG
->1344  9-26-88  9:33a       24 C:\WABAMUN\TWPS\T5155\LOG.TIM
->1345  9-14-88  4:40p       55 C:\WABAMUN\TWPS\T5155\PRINTER.SML
->1346 10-31-88 10:55a      226 C:\WABAMUN\TWPS\T5155\FORT1
->1347  2-16-89  2:36p     2092 C:\WABAMUN\TWPS\T5155\MANUAL.~SM
->1348  5-25-88  7:46a       48 C:\WABAMUN\TWPS\T5155\BND\TIC
->1349  5-25-88 11:31a       28 C:\WABAMUN\TWPS\T5155\BND\AAT
->1350  5-31-88  8:27a      354 C:\WABAMUN\TWPS\T5155\BND\LOG
->1351  5-25-88 11:30a      512 C:\WABAMUN\TWPS\T5155\BND\LAB
->1352  5-25-88 11:30a        4 C:\WABAMUN\TWPS\T5155\BND\NRF
->1353  5-25-88 11:30a      512 C:\WABAMUN\TWPS\T5155\BND\CNT
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->1354  6-14-88  10:51a      768 C:\WABAMUN\TWPS\T5155\BND\ARC
->1355  6-14-88  10:51a      512 C:\WABAMUN\TWPS\T5155\BND\ARX
->1356  5-25-88  11:30a      512 C:\WABAMUN\TWPS\T5155\BND\CNX
->1357  5-25-88  11:30a       32 C:\WABAMUN\TWPS\T5155\BND\PAT
->1358  6-14-88  10:51a      512 C:\WABAMUN\TWPS\T5155\BND\PAL
->1359  6-14-88  10:51a      512 C:\WABAMUN\TWPS\T5155\BND\PAX
->1360  5-25-88  11:30a       16 C:\WABAMUN\TWPS\T5155\BND\BND
->1361  9-26-88   8:52a     7980 C:\WABAMUN\TWPS\T5155\INFO\ARC.DR9
->1362  5-31-88   8:27a      432 C:\WABAMUN\TWPS\T5155\INFO\ARC000.NIT
->1363  5-31-88   8:27a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC000.DAT
->1364  5-31-88   8:27a      576 C:\WABAMUN\TWPS\T5155\INFO\ARC001.NIT
->1365  5-31-88   8:27a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC001.DAT
->1366  5-31-88   8:27a      576 C:\WABAMUN\TWPS\T5155\INFO\ARC002.NIT
->1367  5-31-88   8:27a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC002.DAT
->1368  5-31-88   8:27a     1008 C:\WABAMUN\TWPS\T5155\INFO\ARC003.NIT
->1369  5-31-88   8:27a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC003.DAT
->1370  5-31-88   5:54p      432 C:\WABAMUN\TWPS\T5155\INFO\ARC016.NIT
->1371  5-31-88   5:54p       80 C:\WABAMUN\TWPS\T5155\INFO\ARC016.DAT
->1372  5-31-88   5:54p      576 C:\WABAMUN\TWPS\T5155\INFO\ARC015.NIT
->1373  5-31-88   5:54p       80 C:\WABAMUN\TWPS\T5155\INFO\ARC015.DAT
->1374  5-31-88   8:27a      576 C:\WABAMUN\TWPS\T5155\INFO\ARC006.NIT
->1375  5-31-88   8:27a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC006.DAT
->1376  5-31-88   5:54p     1152 C:\WABAMUN\TWPS\T5155\INFO\ARC007.NIT
->1377  5-31-88   5:54p       80 C:\WABAMUN\TWPS\T5155\INFO\ARC007.DAT
->1378  6-01-88   8:35a     1152 C:\WABAMUN\TWPS\T5155\INFO\ARC011.NIT
->1379  6-01-88   8:35a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC011.DAT
->1380  6-01-88   8:35a      576 C:\WABAMUN\TWPS\T5155\INFO\ARC010.NIT
->1381  6-01-88   8:35a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC010.DAT
->1382  6-01-88   8:35a      432 C:\WABAMUN\TWPS\T5155\INFO\ARC009.NIT
->1383  6-01-88   8:35a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC009.DAT
->1384  6-14-88   2:37p      432 C:\WABAMUN\TWPS\T5155\INFO\ARC018.NIT
->1385  5-31-88   8:28a     1152 C:\WABAMUN\TWPS\T5155\INFO\ARC012.NIT
->1386  5-31-88   8:28a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC012.DAT
->1387  5-31-88   8:28a      576 C:\WABAMUN\TWPS\T5155\INFO\ARC013.NIT
->1388  5-31-88   8:28a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC013.DAT
->1389  5-31-88   8:28a      432 C:\WABAMUN\TWPS\T5155\INFO\ARC014.NIT
->1390  5-31-88   8:28a       80 C:\WABAMUN\TWPS\T5155\INFO\ARC014.DAT
->1391  6-14-88   2:37p       80 C:\WABAMUN\TWPS\T5155\INFO\ARC018.DAT
->1392  6-14-88   2:37p      576 C:\WABAMUN\TWPS\T5155\INFO\ARC019.NIT
->1393  6-14-88   2:37p       80 C:\WABAMUN\TWPS\T5155\INFO\ARC019.DAT
->1394  6-14-88   2:37p     1008 C:\WABAMUN\TWPS\T5155\INFO\ARC017.NIT
->1395  6-14-88   2:37p       80 C:\WABAMUN\TWPS\T5155\INFO\ARC017.DAT
->1396  5-25-88   7:46a       48 C:\WABAMUN\TWPS\T5155\ATS\TIC
->1397  5-31-88   5:54p     2380 C:\WABAMUN\TWPS\T5155\ATS\ARF
->1398  5-31-88   6:25p      445 C:\WABAMUN\TWPS\T5155\ATS\LOG
->1399  5-31-88   5:53p      512 C:\WABAMUN\TWPS\T5155\ATS\LAB
->1400  5-31-88   5:53p      200 C:\WABAMUN\TWPS\T5155\ATS\NRF
->1401  5-31-88   5:53p     1280 C:\WABAMUN\TWPS\T5155\ATS\CNT
->1402  2-10-89  11:44a     4608 C:\WABAMUN\TWPS\T5155\ATS\ARC
->1403  2-10-89  11:44a     1280 C:\WABAMUN\TWPS\T5155\ATS\ARX
->1404  5-31-88   5:54p      768 C:\WABAMUN\TWPS\T5155\ATS\CNX
->1405  5-31-88   5:54p      592 C:\WABAMUN\TWPS\T5155\ATS\PAT
->1406  2-10-89  11:44a     3584 C:\WABAMUN\TWPS\T5155\ATS\PAL
->1407  2-10-89  11:44a      768 C:\WABAMUN\TWPS\T5155\ATS\PAX
->1408  5-31-88   5:53p       16 C:\WABAMUN\TWPS\T5155\ATS\BND
->1409  5-31-88   6:24p     2720 C:\WABAMUN\TWPS\T5155\ATS\AAT
->1410  6-01-88   8:20a       16 C:\WABAMUN\TWPS\T5155\RIV\BND
->1411  3-03-88  11:24a       48 C:\WABAMUN\TWPS\T5155\RIV\TIC
->1412  6-01-88   8:19a       12 C:\WABAMUN\TWPS\T5155\RIV\TOL
->1413  6-01-88   8:35a      539 C:\WABAMUN\TWPS\T5155\RIV\LOG
->1414  2-10-89  11:44a     3072 C:\WABAMUN\TWPS\T5155\RIV\ARC
->1415  6-01-88   8:20a      544 C:\WABAMUN\TWPS\T5155\RIV\AAT
->1416  2-10-89  11:44a      512 C:\WABAMUN\TWPS\T5155\RIV\ARX
->1417  6-01-88   8:20a       84 C:\WABAMUN\TWPS\T5155\RIV\NRF
->1418  5-27-88   7:17a       16 C:\WABAMUN\TWPS\T5155\HWY\BND
->1419  3-03-88  11:10a       48 C:\WABAMUN\TWPS\T5155\HWY\TIC
->1420  5-27-88   7:16a       12 C:\WABAMUN\TWPS\T5155\HWY\TOL
->1421  5-31-88   8:28a      646 C:\WABAMUN\TWPS\T5155\HWY\LOG
->1422  2-10-89  11:45a     3840 C:\WABAMUN\TWPS\T5155\HWY\ARC
->1423  5-27-88   7:17a     1888 C:\WABAMUN\TWPS\T5155\HWY\AAT
->1424  2-10-89  11:45a     1024 C:\WABAMUN\TWPS\T5155\HWY\ARX
->1425  5-27-88   7:16a      256 C:\WABAMUN\TWPS\T5155\HWY\NRF
->1426  6-14-88   2:37p       16 C:\WABAMUN\TWPS\T5155\STAT\BND
->1427  4-07-88   8:32a       48 C:\WABAMUN\TWPS\T5155\STAT\TIC
->1428  6-14-88   2:37p      587 C:\WABAMUN\TWPS\T5155\STAT\LOG
->1429  6-14-88   2:38p      250 C:\WABAMUN\TWPS\T5155\STAT\PAT
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->1430   6-14-88  10:51a      512 C:\WABAMUN\TWPS\T5155\STAT\TXT
->1431   6-14-88  10:51a      512 C:\WABAMUN\TWPS\T5155\STAT\TXX
->1432   6-14-88   2:37p       80 C:\WABAMUN\TWPS\T5155\STAT\PRF
->1433   2-10-89  11:44a      768 C:\WABAMUN\TWPS\T5155\STAT\LAB
->1434   2-10-89  11:31a      600 C:\WABAMUN\TWPS\T5145\LOG
->1435   9-14-88   4:40p       55 C:\WABAMUN\TWPS\T5145\PRINTER.SML
->1436   2-16-89   2:35p     9659 C:\WABAMUN\TWPS\T5145\MANUAL.~SM
->1437   9-26-88   1:48p      220 C:\WABAMUN\TWPS\T5145\HSDBED.KEY
->1438   9-26-88   1:53p      176 C:\WABAMUN\TWPS\T5145\STAT.KEY
->1439   9-26-88   1:56p      353 C:\WABAMUN\TWPS\T5145\HISO1.KEY
->1440   9-26-88   1:57p      145 C:\WABAMUN\TWPS\T5145\HISO2.KEY
->1441   9-26-88   1:59p      231 C:\WABAMUN\TWPS\T5145\HSLS.KEY
->1442   3-03-89   2:14p     9695 C:\WABAMUN\TWPS\T5145\MANUAL.SML
->1443   5-25-88   7:42a       48 C:\WABAMUN\TWPS\T5145\BND\TIC
->1444   6-09-88  10:57a       28 C:\WABAMUN\TWPS\T5145\BND\AAT
->1445   6-09-88  11:16a      563 C:\WABAMUN\TWPS\T5145\BND\LOG
->1446   5-25-88   3:16p      512 C:\WABAMUN\TWPS\T5145\BND\LAB
->1447   5-25-88   3:16p        4 C:\WABAMUN\TWPS\T5145\BND\NRF
->1448   5-25-88   3:16p      512 C:\WABAMUN\TWPS\T5145\BND\CNT
->1449   6-14-88  10:52a      768 C:\WABAMUN\TWPS\T5145\BND\ARC
->1450   6-14-88  10:52a      512 C:\WABAMUN\TWPS\T5145\BND\ARX
->1451   5-25-88   3:16p      512 C:\WABAMUN\TWPS\T5145\BND\CNX
->1452   5-25-88   3:16p       32 C:\WABAMUN\TWPS\T5145\BND\PAT
->1453   6-14-88  10:52a      512 C:\WABAMUN\TWPS\T5145\BND\PAL
->1454   6-14-88  10:52a      512 C:\WABAMUN\TWPS\T5145\BND\PAX
->1455   5-25-88   3:16p       16 C:\WABAMUN\TWPS\T5145\BND\BND
->1456  10-04-88   1:49p    15580 C:\WABAMUN\TWPS\T5145\INFO\ARC.DR9
->1457   6-09-88  11:16a     1008 C:\WABAMUN\TWPS\T5145\INFO\ARC008.NIT
->1458   6-09-88  11:16a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC008.DAT
->1459   6-09-88  11:16a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC005.NIT
->1460   6-09-88  11:16a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC005.DAT
->1461   6-09-88  11:16a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC004.NIT
->1462   6-09-88  11:16a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC004.DAT
->1463   6-09-88  11:16a      432 C:\WABAMUN\TWPS\T5145\INFO\ARC003.NIT
->1464   6-09-88  11:16a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC003.DAT
->1465   5-31-88   5:57p      432 C:\WABAMUN\TWPS\T5145\INFO\ARC036.NIT
->1466   5-31-88   5:57p       80 C:\WABAMUN\TWPS\T5145\INFO\ARC036.DAT
->1467   5-31-88   5:57p      576 C:\WABAMUN\TWPS\T5145\INFO\ARC035.NIT
->1468   5-31-88   5:57p       80 C:\WABAMUN\TWPS\T5145\INFO\ARC035.DAT
->1469   5-31-88   8:30a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC006.NIT
->1470   5-31-88   8:30a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC006.DAT
->1471   5-31-88   5:57p     1152 C:\WABAMUN\TWPS\T5145\INFO\ARC007.NIT
->1472   5-31-88   5:57p       80 C:\WABAMUN\TWPS\T5145\INFO\ARC007.DAT
->1473   6-01-88   8:36a     1152 C:\WABAMUN\TWPS\T5145\INFO\ARC011.NIT
->1474   6-01-88   8:36a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC011.DAT
->1475   6-01-88   8:36a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC010.NIT
->1476   6-01-88   8:36a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC010.DAT
->1477   6-01-88   8:36a      432 C:\WABAMUN\TWPS\T5145\INFO\ARC009.NIT
->1478   6-01-88   8:36a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC009.DAT
->1479   6-01-88   9:23a     1152 C:\WABAMUN\TWPS\T5145\INFO\ARC015.NIT
->1480   6-01-88   9:23a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC015.DAT
->1481   6-01-88   9:23a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC014.NIT
->1482   6-01-88   9:23a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC014.DAT
->1483   6-01-88   9:23a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC013.NIT
->1484   6-01-88   9:23a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC013.DAT
->1485   6-01-88   9:23a      432 C:\WABAMUN\TWPS\T5145\INFO\ARC012.NIT
->1486   6-01-88   9:23a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC012.DAT
->1487   6-09-88  11:15a     1296 C:\WABAMUN\TWPS\T5145\INFO\ARC034.NIT
->1488   6-09-88  11:15a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC034.DAT
->1489   5-31-88   8:31a     1152 C:\WABAMUN\TWPS\T5145\INFO\ARC016.NIT
->1490   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC016.DAT
->1491   5-31-88   8:31a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC017.NIT
->1492   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC017.DAT
->1493   5-31-88   8:31a      432 C:\WABAMUN\TWPS\T5145\INFO\ARC018.NIT
->1494   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC018.DAT
->1495   5-31-88   8:31a     1296 C:\WABAMUN\TWPS\T5145\INFO\ARC019.NIT
->1496   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC019.DAT
->1497   5-31-88   8:31a     1008 C:\WABAMUN\TWPS\T5145\INFO\ARC020.NIT
->1498   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC020.DAT
->1499   5-31-88   8:31a      576 C:\WABAMUN\TWPS\T5145\INFO\ARC021.NIT
->1500   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC021.DAT
->1501   5-31-88   8:31a      432 C:\WABAMUN\TWPS\T5145\INFO\ARC022.NIT
->1502   5-31-88   8:31a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC022.DAT
->1503   5-31-88   8:32a     1296 C:\WABAMUN\TWPS\T5145\INFO\ARC023.NIT
->1504   5-31-88   8:32a       80 C:\WABAMUN\TWPS\T5145\INFO\ARC023.DAT
->1505   5-31-88   8:32a     1008 C:\WABAMUN\TWPS\T5145\INFO\ARC024.NIT
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->1506  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC024.DAT
->1507  5-31-88   8:32a     576 C:\WABAMUN\TWPS\T5145\INFO\ARC025.NIT
->1508  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC025.DAT
->1509  5-31-88   8:32a     432 C:\WABAMUN\TWPS\T5145\INFO\ARC026.NIT
->1510  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC026.DAT
->1511  5-31-88   8:32a    1296 C:\WABAMUN\TWPS\T5145\INFO\ARC027.NIT
->1512  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC027.DAT
->1513  5-31-88   8:32a    1008 C:\WABAMUN\TWPS\T5145\INFO\ARC028.NIT
->1514  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC028.DAT
->1515  5-31-88   8:32a     576 C:\WABAMUN\TWPS\T5145\INFO\ARC029.NIT
->1516  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC029.DAT
->1517  5-31-88   8:32a     432 C:\WABAMUN\TWPS\T5145\INFO\ARC030.NIT
->1518  5-31-88   8:32a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC030.DAT
->1519  6-09-88  11:15a    1008 C:\WABAMUN\TWPS\T5145\INFO\ARC033.NIT
->1520  6-09-88  11:15a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC033.DAT
->1521  6-09-88  11:15a     576 C:\WABAMUN\TWPS\T5145\INFO\ARC032.NIT
->1522  6-09-88  11:15a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC032.DAT
->1523  6-09-88  11:15a     432 C:\WABAMUN\TWPS\T5145\INFO\ARC031.NIT
->1524  6-09-88  11:15a      80 C:\WABAMUN\TWPS\T5145\INFO\ARC031.DAT
->1525  6-14-88   2:39p     432 C.\WABAMUN\TWPS\T5145\INFO\ARC038.NIT
->1526  6-21-88   1:55p     720 C:\WABAMUN\TWPS\T5145\INFO\ARC040.NIT
->1527  6-14-88   2:39p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC038.DAT
->1528  6-21-88   1:55p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC040.DAT
->1529  6-14-88   2:39p     576 C:\WABAMUN\TWPS\T5145\INFO\ARC039.NIT
->1530  6-14-88   2:39p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC039.DAT
->1531  6-14-88   2:40p    1008 C:\WABAMUN\TWPS\T5145\INFO\ARC037.NIT
->1532  6-14-88   2:40p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC037.DAT
->1533  6-21-88   1:55p     576 C:\WABAMUN\TWPS\T5145\INFO\ARC002.NIT
->1534  6-21-88   1:55p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC002.DAT
->1535  6-21-88   1:55p     432 C:\WABAMUN\TWPS\T5145\INFO\ARC001.NIT
->1536  6-21-88   1:55p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC001.DAT
->1537  6-21-88   1:55p    1008 C:\WABAMUN\TWPS\T5145\INFO\ARC000.NIT
->1538  6-21-88   1:55p      80 C:\WABAMUN\TWPS\T5145\INFO\ARC000.DAT
->1539  5-25-88   7:42a      48 C:\WABAMUN\TWPS\T5145\ATS\TIC
->1540  5-31-88   5:57p    2352 C:\WABAMUN\TWPS\T5145\ATS\ARF
->1541  5-31-88   6:25p     445 C:\WABAMUN\TWPS\T5145\ATS\LOG
->1542  5-31-88   5:57p     512 C:\WABAMUN\TWPS\T5145\ATS\LAB
->1543  5-31-88   5:57p     196 C:\WABAMUN\TWPS\T5145\ATS\NRF
->1544  5-31-88   5:57p    1280 C:\WABAMUN\TWPS\T5145\ATS\CNT
->1545  2-10-89  11:39a    4608 C:\WABAMUN\TWPS\T5145\ATS\ARC
->1546  2-10-89  11:39a    1280 C:\WABAMUN\TWPS\T5145\ATS\ARX
->1547  5-31-88   5:57p     768 C:\WABAMUN\TWPS\T5145\ATS\CNX
->1548  5-31-88   5:57p     592 C:\WABAMUN\TWPS\T5145\ATS\PAT
->1549  2-10-89  11:39a    3584 C:\WABAMUN\TWPS\T5145\ATS\PAL
->1550  2-10-89  11:39a     768 C:\WABAMUN\TWPS\T5145\ATS\PAX
->1551  5-31-88   5:57p      16 C:\WABAMUN\TWPS\T5145\ATS\BND
->1552  5-31-88   6:25p    2688 C:\WABAMUN\TWPS\T5145\ATS\AAT
->1553  6-01-88   8:21a      16 C:\WABAMUN\TWPS\T5145\RIV\BND
->1554  3-03-88  11:24a      48 C:\WABAMUN\TWPS\T5145\RIV\TIC
->1555  6-01-88   8:20a      12 C:\WABAMUN\TWPS\T5145\RIV\TOL
->1556  6-01-88   8:36a     539 C:\WABAMUN\TWPS\T5145\RIV\LOG
->1557  2-10-89  11:39a    2304 C:\WABAMUN\TWPS\T5145\RIV\ARC
->1558  6-01-88   8:21a     416 C:\WABAMUN\TWPS\T5145\RIV\AAT
->1559  2-10-89  11:39a     512 C:\WABAMUN\TWPS\T5145\RIV\ARX
->1560  6-01-88   8:21a      76 C:\WABAMUN\TWPS\T5145\RIV\NRF
->1561  6-01-88   9:14a      16 C:\WABAMUN\TWPS\T5145\LAK\BND
->1562  3-03-88   9:57a      48 C:\WABAMUN\TWPS\T5145\LAK\TIC
->1563  6-01-88   9:14a      12 C:\WABAMUN\TWPS\T5145\LAK\TOL
->1564  6-01-88   9:23a     743 C:\WABAMUN\TWPS\T5145\LAK\LOG
->1565  6-01-88   9:14a     768 C:\WABAMUN\TWPS\T5145\LAK\LAB
->1566  6-01-88   9:14a     112 C:\WABAMUN\TWPS\T5145\LAK\PAT
->1567  6-01-88   9:14a     768 C:\WABAMUN\TWPS\T5145\LAK\CNT
->1568  6-01-88   9:14a      28 C:\WABAMUN\TWPS\T5145\LAK\NRF
->1569  6-01-88   9:14a     224 C:\WABAMUN\TWPS\T5145\LAK\AAT
->1570  6-01-88   9:14a     512 C:\WABAMUN\TWPS\T5145\LAK\CNX
->1571  2-10-89  11:39a    1280 C:\WABAMUN\TWPS\T5145\LAK\ARC
->1572  2-10-89  11:39a     512 C:\WABAMUN\TWPS\T5145\LAK\ARX
->1573  2-10-89  11:39a    1024 C:\WABAMUN\TWPS\T5145\LAK\PAL
->1574  2-10-89  11:39a     512 C:\WABAMUN\TWPS\T5145\LAK\PAX
->1575  5-27-88   7:18a      16 C:\WABAMUN\TWPS\T5145\HWY\BND
->1576  3-03-88  11:10a      48 C:\WABAMUN\TWPS\T5145\HWY\TIC
->1577  5-27-88   7:18a      12 C:\WABAMUN\TWPS\T5145\HWY\TOL
->1578  5-31-88   8:31a     646 C:\WABAMUN\TWPS\T5145\HWY\LOG
->1579  5-27-88   7:27a    3584 C:\WABAMUN\TWPS\T5145\HWY\ARC
->1580  5-27-88   7:18a    2016 C:\WABAMUN\TWPS\T5145\HWY\AAT
->1581  5-27-88   7:27a    1024 C:\WABAMUN\TWPS\T5145\HWY\ARX
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->1582  5-27-88   7:18a      252 C:\WABAMUN\TWPS\T5145\HWY\NRF
->1583  5-27-88   9:49a       16 C:\WABAMUN\TWPS\T5145\HISO1\BND
->1584  3-17-88  11:32a       48 C:\WABAMUN\TWPS\T5145\HISO1\TIC
->1585  5-27-88   9:43a       24 C:\WABAMUN\TWPS\T5145\HISO1\TOL
->1586  5-31-88   8:31a     4023 C:\WABAMUN\TWPS\T5145\HISO1\LOG
->1587  6-01-88   1:38p     2560 C:\WABAMUN\TWPS\T5145\HISO1\LAB
->1588  5-27-88   9:48a     2448 C:\WABAMUN\TWPS\T5145\HISO1\PAT
->1589  6-01-88   1:38p     3328 C:\WABAMUN\TWPS\T5145\HISO1\CNT
->1590  5-27-88   9:48a      484 C:\WABAMUN\TWPS\T5145\HISO1\NRF
->1591  5-27-88   9:51a     6080 C:\WABAMUN\TWPS\T5145\HISO1\AAT
->1592  6-01-88   1:38p     1024 C:\WABAMUN\TWPS\T5145\HISO1\CNX
->1593  5-27-88   9:49a     2048 C:\WABAMUN\TWPS\T5145\HISO1\TXT
->1594  2-10-89  11:34a    27136 C:\WABAMUN\TWPS\T5145\HISO1\ARC
->1595  2-10-89  11:34a     1792 C:\WABAMUN\TWPS\T5145\HISO1\ARX
->1596  5-27-88   9:49a      512 C:\WABAMUN\TWPS\T5145\HISO1\TXX
->1597  2-10-89  11:34a     6400 C:\WABAMUN\TWPS\T5145\HISO1\PAL
->1598  2-10-89  11:34a     1024 C:\WABAMUN\TWPS\T5145\HISO1\PAX
->1599  5-30-88   9:13a       16 C:\WABAMUN\TWPS\T5145\HISO2\BND
->1600  3-14-88   2:37p       48 C:\WABAMUN\TWPS\T5145\HISO2\TIC
->1601  5-30-88   9:08a       24 C:\WABAMUN\TWPS\T5145\HISO2\TOL
->1602  5-31-88   8:32a     2484 C:\WABAMUN\TWPS\T5145\HISO2\LOG
->1603  6-01-88   1:39p     1536 C:\WABAMUN\TWPS\T5145\HISO2\LAB
->1604  5-30-88   9:13a     1296 C:\WABAMUN\TWPS\T5145\HISO2\PAT
->1605  6-01-88   1:39p     2048 C:\WABAMUN\TWPS\T5145\HISO2\CNT
->1606  5-30-88   9:12a      252 C:\WABAMUN\TWPS\T5145\HISO2\NRF
->1607  5-30-88   9:37a     3040 C:\WABAMUN\TWPS\T5145\HISO2\AAT
->1608  6-01-88   1:39p      768 C:\WABAMUN\TWPS\T5145\HISO2\CNX
->1609 10-31-88  10:41a    29696 C:\WABAMUN\TWPS\T5145\HISO2\ARC
->1610 10-31-88  10:41a     1024 C:\WABAMUN\TWPS\T5145\HISO2\ARX
->1611 10-31-88  10:41a     3584 C:\WABAMUN\TWPS\T5145\HISO2\PAL
->1612 10-31-88  10:41a      768 C:\WABAMUN\TWPS\T5145\HISO2\PAX
->1613  5-30-88  11:27a       16 C:\WABAMUN\TWPS\T5145\HSLS\BND
->1614  4-28-88   3:57p       48 C:\WABAMUN\TWPS\T5145\HSLS\TIC
->1615  5-30-88  11:16a       24 C:\WABAMUN\TWPS\T5145\HSLS\TOL
->1616  5-31-88   8:32a     1555 C:\WABAMUN\TWPS\T5145\HSLS\LOG
->1617  6-02-88   1:58p     5376 C:\WABAMUN\TWPS\T5145\HSLS\LAB
->1618  5-30-88  11:27a     5616 C:\WABAMUN\TWPS\T5145\HSLS\PAT
->1619  6-02-88   1:58p     7424 C:\WABAMUN\TWPS\T5145\HSLS\CNT
->1620  5-30-88  11:26a     1028 C:\WABAMUN\TWPS\T5145\HSLS\NRF
->1621  5-30-88  11:27a    12880 C:\WABAMUN\TWPS\T5145\HSLS\AAT
->1622  6-02-88   1:58p     1792 C:\WABAMUN\TWPS\T5145\HSLS\CNX
->1623 10-28-88   8:47a   101120 C:\WABAMUN\TWPS\T5145\HSLS\ARC
->1624 10-28-88   8:47a     3072 C:\WABAMUN\TWPS\T5145\HSLS\ARX
->1625 10-28-88   8:47a    13568 C:\WABAMUN\TWPS\T5145\HSLS\PAL
->1626 10-28-88   8:47a     1792 C:\WABAMUN\TWPS\T5145\HSLS\PAX
->1627  6-09-88  11:11a       16 C:\WABAMUN\TWPS\T5145\HSDBED\BND
->1628  5-02-88   7:35a       48 C:\WABAMUN\TWPS\T5145\HSDBED\TIC
->1629  6-09-88  10:58a       24 C:\WABAMUN\TWPS\T5145\HSDBED\TOL
->1630  6-09-88  11:15a     2513 C:\WABAMUN\TWPS\T5145\HSDBED\LOG
->1631  6-09-88  11:11a     5632 C:\WABAMUN\TWPS\T5145\HSDBED\LAB
->1632  6-09-88  11:10a     5688 C:\WABAMUN\TWPS\T5145\HSDBED\PAT
->1633  6-09-88  11:10a     7424 C:\WABAMUN\TWPS\T5145\HSDBED\CNT
->1634  6-09-88  11:09a      936 C:\WABAMUN\TWPS\T5145\HSDBED\NRF
->1635  6-09-88  11:12a    11120 C:\WABAMUN\TWPS\T5145\HSDBED\AAT
->1636  6-09-88  11:10a     1792 C:\WABAMUN\TWPS\T5145\HSDBED\CNX
->1637 10-31-88  10:46a   135168 C:\WABAMUN\TWPS\T5145\HSDBED\ARC
->1638 10-31-88  10:46a     2816 C:\WABAMUN\TWPS\T5145\HSDBED\ARX
->1639 10-31-88  10:46a    13056 C:\WABAMUN\TWPS\T5145\HSDBED\PAL
->1640 10-31-88  10:46a     1792 C:\WABAMUN\TWPS\T5145\HSDBED\PAX
->1641  5-12-88   3:50p       48 C:\WABAMUN\TWPS\T5145\PERM\TIC
->1642  6-21-88   1:45p       28 C:\WABAMUN\TWPS\T5145\PERM\AAT
->1643  6-21-88   1:55p      936 C:\WABAMUN\TWPS\T5145\PERM\LOG
->1644  6-20-88   2:46p       24 C:\WABAMUN\TWPS\T5145\PERM\TOL
->1645  6-20-88   2:47p      512 C:\WABAMUN\TWPS\T5145\PERM\TXT
->1646  6-20-88   2:47p      512 C:\WABAMUN\TWPS\T5145\PERM\TXX
->1647  6-21-88   1:44p      512 C:\WABAMUN\TWPS\T5145\PERM\LAB
->1648  6-21-88   1:44p        4 C:\WABAMUN\TWPS\T5145\PERM\NRF
->1649  6-21-88   1:44p      512 C:\WABAMUN\TWPS\T5145\PERM\CNT
->1650  2-10-89  11:39a      768 C:\WABAMUN\TWPS\T5145\PERM\ARC
->1651  2-10-89  11:39a      512 C:\WABAMUN\TWPS\T5145\PERM\ARX
->1652  6-21-88   1:44p      512 C:\WABAMUN\TWPS\T5145\PERM\CNX
->1653  6-21-88   1:44p       32 C:\WABAMUN\TWPS\T5145\PERM\PRF
->1654  2-10-89  11:39a      512 C:\WABAMUN\TWPS\T5145\PERM\PAL
->1655  2-10-89  11:39a      512 C:\WABAMUN\TWPS\T5145\PERM\PAX
->1656  6-21-88   1:44p       16 C:\WABAMUN\TWPS\T5145\PERM\BND
->1657  6-21-88   1:45p       48 C:\WABAMUN\TWPS\T5145\PERM\PAT
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->1658  6-14-88   2:39p      16 C:\WABAMUN\TWPS\T5145\STAT\BND
->1659  4-07-88   8:32a      48 C:\WABAMUN\TWPS\T5145\STAT\TIC
->1660  6-14-88   2:40p     587 C:\WABAMUN\TWPS\T5145\STAT\LOG
->1661  6-14-88   2:43p    5600 C:\WABAMUN\TWPS\T5145\STAT\PAT
->1662  6-14-88  10:52a     512 C:\WABAMUN\TWPS\T5145\STAT\TXT
->1663  6-14-88  10:52a     512 C:\WABAMUN\TWPS\T5145\STAT\TXX
->1664  6-14-88   2:39p    1792 C:\WABAMUN\TWPS\T5145\STAT\PRF
->1665  2-10-89  11:25a    4096 C:\WABAMUN\TWPS\T5145\STAT\LAB
->1666  2-16-89   2:33p    8739 C:\WABAMUN\TWPS\T5045\MANUAL.~SM
->1667  9-14-88   4:40p      55 C:\WABAMUN\TWPS\T5045\PRINTER.SML
->1668  2-13-89   9:45a     687 C:\WABAMUN\TWPS\T5045\LOG
->1669  9-26-88   1:57p     145 C:\WABAMUN\TWPS\T5045\HISO2.KEY
->1670  9-26-88   1:53p     176 C:\WABAMUN\TWPS\T5045\STAT.KEY
->1671  9-26-88   1:48p     220 C:\WABAMUN\TWPS\T5045\HSDBED.~KE
->1672  9-26-88   1:48p     220 C:\WABAMUN\TWPS\T5045\HISO1.~KE
->1673  9-27-88   9:09a     229 C:\WABAMUN\TWPS\T5045\HISO1.KEY
->1674  9-27-88   9:10a     121 C:\WABAMUN\TWPS\T5045\HSDBED.KEY
->1675  3-03-89   2:12p    8775 C:\WABAMUN\TWPS\T5045\MANUAL.SML
->1676  9-27-88  10:40a     113 C:\WABAMUN\TWPS\T5045\HSLS.KEY
->1677  5-25-88   3:27p      48 C:\WABAMUN\TWPS\T5045\BND\TIC
->1678  6-09-88  11:31a      28 C:\WABAMUN\TWPS\T5045\BND\AAT
->1679  6-09-88  11:35a     595 C:\WABAMUN\TWPS\T5045\BND\LOG
->1680  6-09-88  11:18a     512 C:\WABAMUN\TWPS\T5045\BND\LAB
->1681  6-09-88  11:18a       4 C:\WABAMUN\TWPS\T5045\BND\NRF
->1682  6-09-88  11:18a     512 C:\WABAMUN\TWPS\T5045\BND\CNT
->1683  6-14-88  10:53a     768 C:\WABAMUN\TWPS\T5045\BND\ARC
->1684  6-14-88  10:53a     512 C:\WABAMUN\TWPS\T5045\BND\ARX
->1685  6-09-88  11:18a     512 C:\WABAMUN\TWPS\T5045\BND\CNX
->1686  6-09-88  11:18a      32 C:\WABAMUN\TWPS\T5045\BND\PAT
->1687  6-14-88  10:53a     512 C:\WABAMUN\TWPS\T5045\BND\PAL
->1688  6-14-88  10:53a     512 C:\WABAMUN\TWPS\T5045\BND\PAX
->1689  6-09-88  11:18a      16 C:\WABAMUN\TWPS\T5045\BND\BND
->1690  9-27-88   9:05a   16720 C:\WABAMUN\TWPS\T5045\INFO\ARC.DR9
->1691  6-09-88  11:35a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC008.NIT
->1692  6-09-88  11:35a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC008.DAT
->1693  6-09-88  11:35a    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC005.NIT
->1694  6-09-88  11:35a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC005.DAT
->1695  6-09-88  11:35a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC004.NIT
->1696  6-09-88  11:35a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC004.DAT
->1697  6-09-88  11:35a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC003.NIT
->1698  6-09-88  11:35a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC003.DAT
->1699  5-31-88   6:18p     432 C:\WABAMUN\TWPS\T5045\INFO\ARC039.NIT
->1700  5-31-88   6:18p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC039.DAT
->1701  5-31-88   6:18p     576 C:\WABAMUN\TWPS\T5045\INFO\ARC038.NIT
->1702  5-31-88   6:18p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC038.DAT
->1703  5-31-88   6:18p    1152 C:\WABAMUN\TWPS\T5045\INFO\ARC006.NIT
->1704  5-31-88   6:18p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC006.DAT
->1705  5-31-88   8:35a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC007.NIT
->1706  5-31-88   8:35a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC007.DAT
->1707  6-01-88   8:37a    1152 C:\WABAMUN\TWPS\T5045\INFO\ARC011.NIT
->1708  6-01-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC011.DAT
->1709  6-01-88   8:37a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC010.NIT
->1710  6-01-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC010.DAT
->1711  6-01-88   8:37a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC009.NIT
->1712  6-01-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC009.DAT
->1713  6-01-88   9:24a    1152 C:\WABAMUN\TWPS\T5045\INFO\ARC015.NIT
->1714  6-01-88   9:24a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC015.DAT
->1715  6-01-88   9:24a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC014.NIT
->1716  6-01-88   9:24a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC014.DAT
->1717  6-01-88   9:24a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC013.NIT
->1718  6-01-88   9:24a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC013.DAT
->1719  6-01-88   9:24a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC012.NIT
->1720  6-01-88   9:24a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC012.DAT
->1721  6-09-88  11:34a    1296 C:\WABAMUN\TWPS\T5045\INFO\ARC037.NIT
->1722  6-09-88  11:34a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC037.DAT
->1723  5-31-88   8:36a    1152 C:\WABAMUN\TWPS\T5045\INFO\ARC016.NIT
->1724  5-31-88   8:36a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC016.DAT
->1725  5-31-88   8:36a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC017.NIT
->1726  5-31-88   8:36a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC017.DAT
->1727  5-31-88   8:36a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC018.NIT
->1728  5-31-88   8:36a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC018.DAT
->1729  5-31-88   8:37a    1296 C:\WABAMUN\TWPS\T5045\INFO\ARC019.NIT
->1730  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC019.DAT
->1731  5-31-88   8:37a    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC020.NIT
->1732  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC020.DAT
->1733  5-31-88   8:37a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC021.NIT
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->1734  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC021.DAT
->1735  5-31-88   8:37a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC022.NIT
->1736  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC022.DAT
->1737  5-31-88   8:37a    1296 C:\WABAMUN\TWPS\T5045\INFO\ARC023.NIT
->1738  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC023.DAT
->1739  5-31-88   8:37a    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC024.NIT
->1740  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC024.DAT
->1741  5-31-88   8:37a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC025.NIT
->1742  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC025.DAT
->1743  5-31-88   8:37a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC026.NIT
->1744  5-31-88   8:37a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC026.DAT
->1745  5-31-88   8:38a    1152 C:\WABAMUN\TWPS\T5045\INFO\ARC027.NIT
->1746  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC027.DAT
->1747  5-31-88   8:38a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC028.NIT
->1748  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC028.DAT
->1749  5-31-88   8:38a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC029.NIT
->1750  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC029.DAT
->1751  5-31-88   8:38a    1296 C:\WABAMUN\TWPS\T5045\INFO\ARC030.NIT
->1752  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC030.DAT
->1753  5-31-88   8:38a    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC031.NIT
->1754  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC031.DAT
->1755  5-31-88   8:38a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC032.NIT
->1756  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC032.DAT
->1757  5-31-88   8:38a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC033.NIT
->1758  5-31-88   8:38a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC033.DAT
->1759  6-09-88  11:34a    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC036.NIT
->1760  6-09-88  11:34a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC036.DAT
->1761  6-09-88  11:34a     576 C:\WABAMUN\TWPS\T5045\INFO\ARC035.NIT
->1762  6-09-88  11:34a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC035.DAT
->1763  6-09-88  11:34a     432 C:\WABAMUN\TWPS\T5045\INFO\ARC034.NIT
->1764  6-09-88  11:34a      80 C:\WABAMUN\TWPS\T5045\INFO\ARC034.DAT
->1765  6-14-88   2:43p     432 C:\WABAMUN\TWPS\T5045\INFO\ARC041.NIT
->1766  6-21-88   1:59p     720 C:\WABAMUN\TWPS\T5045\INFO\ARC043.NIT
->1767  6-14-88   2:43p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC041.DAT
->1768  6-21-88   1:59p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC043.DAT
->1769  6-14-88   2:43p     576 C:\WABAMUN\TWPS\T5045\INFO\ARC042.NIT
->1770  6-14-88   2:43p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC042.DAT
->1771  6-14-88   2:43p    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC040.NIT
->1772  6-14-88   2:43p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC040.DAT
->1773  6-21-88   1:59p     576 C:\WABAMUN\TWPS\T5045\INFO\ARC002.NIT
->1774  6-21-88   1:59p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC002.DAT
->1775  6-21-88   1:59p     432 C:\WABAMUN\TWPS\T5045\INFO\ARC001.NIT
->1776  6-21-88   1:59p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC001.DAT
->1777  6-21-88   1:59p    1008 C:\WABAMUN\TWPS\T5045\INFO\ARC000.NIT
->1778  6-21-88   1:59p      80 C:\WABAMUN\TWPS\T5045\INFO\ARC000.DAT
->1779  5-25-88   3:38p      48 C:\WABAMUN\TWPS\T5045\ATS\TIC
->1780  5-31-88   6:18p    2240 C:\WABAMUN\TWPS\T5045\ATS\ARF
->1781  5-31-88   6:24p     457 C:\WABAMUN\TWPS\T5045\ATS\LOG
->1782  5-31-88   6:18p     512 C:\WABAMUN\TWPS\T5045\ATS\LAB
->1783  5-31-88   6:18p     180 C:\WABAMUN\TWPS\T5045\ATS\NRF
->1784  5-31-88   6:18p    1280 C:\WABAMUN\TWPS\T5045\ATS\CNT
->1785  2-13-89   9:07a    4352 C:\WABAMUN\TWPS\T5045\ATS\ARC
->1786  2-13-89   9:07a    1024 C:\WABAMUN\TWPS\T5045\ATS\ARX
->1787  5-31-88   6:18p     768 C:\WABAMUN\TWPS\T5045\ATS\CNX
->1788  5-31-88   6:18p     592 C:\WABAMUN\TWPS\T5045\ATS\PAT
->1789  2-13-89   9:07a    3328 C:\WABAMUN\TWPS\T5045\ATS\PAL
->1790  2-13-89   9:07a     768 C:\WABAMUN\TWPS\T5045\ATS\PAX
->1791  5-31-88   6:18p      16 C:\WABAMUN\TWPS\T5045\ATS\BND
->1792  5-31-88   6:24p    2560 C:\WABAMUN\TWPS\T5045\ATS\AAT
->1793  6-01-88   8:23a      16 C:\WABAMUN\TWPS\T5045\RIV\BND
->1794  3-03-88  11:24a      48 C:\WABAMUN\TWPS\T5045\RIV\TIC
->1795  6-01-88   8:22a      12 C:\WABAMUN\TWPS\T5045\RIV\TOL
->1796  6-01-88   8:37a     539 C:\WABAMUN\TWPS\T5045\RIV\LOG
->1797  2-13-89   9:07a    6656 C:\WABAMUN\TWPS\T5045\RIV\ARC
->1798  6-01-88   8:23a    1504 C:\WABAMUN\TWPS\T5045\RIV\AAT
->1799  2-13-89   9:07a     768 C:\WABAMUN\TWPS\T5045\RIV\ARX
->1800  6-01-88   8:23a     188 C:\WABAMUN\TWPS\T5045\RIV\NRF
->1801  6-01-88   9:16a      16 C:\WABAMUN\TWPS\T5045\LAK\BND
->1802  3-03-88   9:57a      48 C:\WABAMUN\TWPS\T5045\LAK\TIC
->1803  6-01-88   9:15a      12 C:\WABAMUN\TWPS\T5045\LAK\TOL
->1804  6-01-88   9:24a     743 C:\WABAMUN\TWPS\T5045\LAK\LOG
->1805  6-01-88   9:16a     768 C:\WABAMUN\TWPS\T5045\LAK\LAB
->1806  6-01-88   9:16a     160 C:\WABAMUN\TWPS\T5045\LAK\PAT
->1807  6-01-88   9:16a    1024 C:\WABAMUN\TWPS\T5045\LAK\CNT
->1808  6-01-88   9:16a      40 C:\WABAMUN\TWPS\T5045\LAK\NRF
->1809  6-01-88   9:16a     352 C:\WABAMUN\TWPS\T5045\LAK\AAT
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->1810   6-01-88   9:16a      512 C:\WABAMUN\TWPS\T5045\LAK\CNX
->1811   2-13-89   9:07a     1536 C:\WABAMUN\TWPS\T5045\LAK\ARC
->1812   2-13-89   9:07a      512 C:\WABAMUN\TWPS\T5045\LAK\ARX
->1813   2-13-89   9:07a     1024 C:\WABAMUN\TWPS\T5045\LAK\PAL
->1814   2-13-89   9:07a      512 C:\WABAMUN\TWPS\T5045\LAK\PAX
->1815   5-27-88   7:22a       16 C:\WABAMUN\TWPS\T5045\HWY\BND
->1816   3-03-88  11:10a       48 C:\WABAMUN\TWPS\T5045\HWY\TIC
->1817   5-27-88   7:21a       12 C:\WABAMUN\TWPS\T5045\HWY\TOL
->1818   5-31-88   8:36a      646 C:\WABAMUN\TWPS\T5045\HWY\LOG
->1819  10-28-88   9:26a     2304 C:\WABAMUN\TWPS\T5045\HWY\ARC
->1820   5-27-88   7:22a     1120 C:\WABAMUN\TWPS\T5045\HWY\AAT
->1821  10-28-88   9:26a      768 C:\WABAMUN\TWPS\T5045\HWY\ARX
->1822   5-27-88   7:22a      164 C:\WABAMUN\TWPS\T5045\HWY\NRF
->1823   5-27-88   9:58a       16 C:\WABAMUN\TWPS\T5045\HISO1\BND
->1824   3-17-88  11:32a       48 C:\WABAMUN\TWPS\T5045\HISO1\TIC
->1825   5-27-88   9:52a       24 C:\WABAMUN\TWPS\T5045\HISO1\TOL
->1826   5-31-88   8:37a     4023 C:\WABAMUN\TWPS\T5045\HISO1\LOG
->1827   6-01-88   1:43p     1536 C:\WABAMUN\TWPS\T5045\HISO1\LAB
->1828   5-27-88   9:57a     1116 C:\WABAMUN\TWPS\T5045\HISO1\PAT
->1829   6-01-88   1:43p     1792 C:\WABAMUN\TWPS\T5045\HISO1\CNT
->1830   5-27-88   9:57a      216 C:\WABAMUN\TWPS\T5045\HISO1\NRF
->1831   5-27-88  10:13a     2720 C:\WABAMUN\TWPS\T5045\HISO1\AAT
->1832   6-01-88   1:43p      768 C:\WABAMUN\TWPS\T5045\HISO1\CNX
->1833   5-27-88   9:58a      512 C:\WABAMUN\TWPS\T5045\HISO1\TXT
->1834   2-13-89   9:02a    14336 C:\WABAMUN\TWPS\T5045\HISO1\ARC
->1835   2-13-89   9:02a     1024 C:\WABAMUN\TWPS\T5045\HISO1\ARX
->1836   5-27-88   9:58a      512 C:\WABAMUN\TWPS\T5045\HISO1\TXX
->1837   2-13-89   9:02a     3072 C:\WABAMUN\TWPS\T5045\HISO1\PAL
->1838   2-13-89   9:02a      768 C:\WABAMUN\TWPS\T5045\HISO1\PAX
->1839   5-30-88   9:21a       16 C:\WABAMUN\TWPS\T5045\HISO2\BND
->1840   3-14-88   2:37p       48 C:\WABAMUN\TWPS\T5045\HISO2\TIC
->1841   5-30-88   9:17a       24 C:\WABAMUN\TWPS\T5045\HISO2\TOL
->1842   5-31-88   8:37a     2484 C:\WABAMUN\TWPS\T5045\HISO2\LOG
->1843   6-01-88   1:45p      768 C:\WABAMUN\TWPS\T5045\HISO2\LAB
->1844   5-30-88   9:21a      468 C:\WABAMUN\TWPS\T5045\HISO2\PAT
->1845   6-01-88   1:45p     1024 C:\WABAMUN\TWPS\T5045\HISO2\CNT
->1846   5-30-88   9:21a       92 C:\WABAMUN\TWPS\T5045\HISO2\NRF
->1847   5-30-88   9:43a     1200 C:\WABAMUN\TWPS\T5045\HISO2\AAT
->1848   6-01-88   1:45p      512 C:\WABAMUN\TWPS\T5045\HISO2\CNX
->1849   2-13-89   9:08a    14848 C:\WABAMUN\TWPS\T5045\HISO2\ARC
->1850   2-13-89   9:08a      768 C:\WABAMUN\TWPS\T5045\HISO2\ARX
->1851   2-13-89   9:08a     1536 C:\WABAMUN\TWPS\T5045\HISO2\PAL
->1852   2-13-89   9:08a      512 C:\WABAMUN\TWPS\T5045\HISO2\PAX
->1853   5-27-88   8:41a       16 C:\WABAMUN\TWPS\T5045\MDB\BND
->1854   3-03-88  10:54a       48 C:\WABAMUN\TWPS\T5045\MDB\TIC
->1855   5-27-88   8:41a       12 C:\WABAMUN\TWPS\T5045\MDB\TOL
->1856   5-31-88   8:38a      757 C:\WABAMUN\TWPS\T5045\MDB\LOG
->1857  10-03-88   3:09p     1024 C:\WABAMUN\TWPS\T5045\MDB\ARC
->1858   5-27-88   8:41a      128 C:\WABAMUN\TWPS\T5045\MDB\AAT
->1859  10-03-88   3:09p      512 C:\WABAMUN\TWPS\T5045\MDB\ARX
->1860   5-27-88   8:41a       20 C:\WABAMUN\TWPS\T5045\MDB\NRF
->1861   5-30-88  11:38a       16 C:\WABAMUN\TWPS\T5045\HSLS\BND
->1862   4-28-88   3:57p       48 C:\WABAMUN\TWPS\T5045\HSLS\TIC
->1863   5-30-88  11:28a       24 C:\WABAMUN\TWPS\T5045\HSLS\TOL
->1864   5-31-88   8:38a     1555 C:\WABAMUN\TWPS\T5045\HSLS\LOG
->1865   6-02-88  11:32a     1280 C:\WABAMUN\TWPS\T5045\HSLS\LAB
->1866   5-30-88  11:37a      792 C:\WABAMUN\TWPS\T5045\HSLS\PAT
->1867   6-02-88  11:32a     1536 C:\WABAMUN\TWPS\T5045\HSLS\CNT
->1868   5-30-88  11:37a      164 C:\WABAMUN\TWPS\T5045\HSLS\NRF
->1869   5-30-88  11:38a     2080 C:\WABAMUN\TWPS\T5045\HSLS\AAT
->1870   6-02-88  11:32a      768 C:\WABAMUN\TWPS\T5045\HSLS\CNX
->1871  10-31-88  11:02a    20992 C:\WABAMUN\TWPS\T5045\HSLS\ARC
->1872  10-31-88  11:02a     1024 C:\WABAMUN\TWPS\T5045\HSLS\ARX
->1873  10-31-88  11:02a     2560 C:\WABAMUN\TWPS\T5045\HSLS\PAL
->1874  10-31-88  11:02a      768 C:\WABAMUN\TWPS\T5045\HSLS\PAX
->1875   6-09-88  11:31a       16 C:\WABAMUN\TWPS\T5045\HSDBED\BND
->1876   5-02-88   7:35a       48 C:\WABAMUN\TWPS\T5045\HSDBED\TIC
->1877   6-09-88  11:19a       24 C:\WABAMUN\TWPS\T5045\HSDBED\TOL
->1878   6-09-88  11:34a     2513 C:\WABAMUN\TWPS\T5045\HSDBED\LOG
->1879   6-09-88  11:31a     2048 C:\WABAMUN\TWPS\T5045\HSDBED\LAB
->1880   6-09-88  11:31a     1728 C:\WABAMUN\TWPS\T5045\HSDBED\PAT
->1881   6-09-88  11:30a     2560 C:\WABAMUN\TWPS\T5045\HSDBED\CNT
->1882   6-09-88  11:30a      332 C:\WABAMUN\TWPS\T5045\HSDBED\NRF
->1883   6-09-88  11:32a     4120 C:\WABAMUN\TWPS\T5045\HSDBED\AAT
->1884   6-09-88  11:31a      768 C:\WABAMUN\TWPS\T5045\HSDBED\CNX
->1885  10-31-88  11:01a    36864 C:\WABAMUN\TWPS\T5045\HSDBED\ARC
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->1886 10-31-88 11:01a      1280 C:\WABAMUN\TWPS\T5045\HSDBED\ARX
->1887 10-31-88 11:01a      4608 C:\WABAMUN\TWPS\T5045\HSDBED\PAL
->1888 10-31-88 11:01a       768 C:\WABAMUN\TWPS\T5045\HSDBED\PAX
->1889  5-12-88  3:50p        48 C:\WABAMUN\TWPS\T5045\PERM\TIC
->1890  6-21-88  1:58p        28 C:\WABAMUN\TWPS\T5045\PERM\AAT
->1891  6-21-88  1:59p       936 C:\WABAMUN\TWPS\T5045\PERM\LOG
->1892  6-20-88  2:47p        24 C:\WABAMUN\TWPS\T5045\PERM\TOL
->1893  6-20-88  2:48p       512 C:\WABAMUN\TWPS\T5045\PERM\TXT
->1894  6-20-88  2:48p       512 C:\WABAMUN\TWPS\T5045\PERM\TXX
->1895  6-21-88  1:58p       512 C:\WABAMUN\TWPS\T5045\PERM\LAB
->1896  6-21-88  1:58p         4 C:\WABAMUN\TWPS\T5045\PERM\NRF
->1897  6-21-88  1:58p       512 C:\WABAMUN\TWPS\T5045\PERM\CNT
->1898  2-10-89 11:53a       512 C:\WABAMUN\TWPS\T5045\PERM\ARC
->1899  2-10-89 11:53a       512 C:\WABAMUN\TWPS\T5045\PERM\ARX
->1900  6-21-88  1:58p       512 C:\WABAMUN\TWPS\T5045\PERM\CNX
->1901  6-21-88  1:58p        32 C:\WABAMUN\TWPS\T5045\PERM\PRF
->1902  2-10-89 11:53a       512 C:\WABAMUN\TWPS\T5045\PERM\PAL
->1903  2-10-89 11:53a       512 C:\WABAMUN\TWPS\T5045\PERM\PAX
->1904  6-21-88  1:58p        16 C:\WABAMUN\TWPS\T5045\PERM\BND
->1905  6-21-88  1:58p        48 C:\WABAMUN\TWPS\T5045\PERM\PAT
->1906  6-14-88  2:43p        16 C:\WABAMUN\TWPS\T5045\STAT\BND
->1907  4-07-88  8:32a        48 C:\WABAMUN\TWPS\T5045\STAT\TIC
->1908  6-14-88  2:43p       587 C:\WABAMUN\TWPS\T5045\STAT\LOG
->1909  6-14-88  2:47p      3950 C:\WABAMUN\TWPS\T5045\STAT\PAT
->1910  6-14-88 10:53a       512 C:\WABAMUN\TWPS\T5045\STAT\TXT
->1911  6-14-88 10:53a       512 C:\WABAMUN\TWPS\T5045\STAT\TXX
->1912  6-14-88  2:43p      1264 C:\WABAMUN\TWPS\T5045\STAT\PRF
->1913  2-10-89 11:53a      3072 C:\WABAMUN\TWPS\T5045\STAT\LAB
->1914  2-13-89  8:57a      1296 C:\WABAMUN\TWPS\T5035\LOG
->1915  9-14-88  4:40p        55 C:\WABAMUN\TWPS\T5035\PRINTER.SML
->1916  2-16-89  2:34p     14019 C:\WABAMUN\TWPS\T5035\MANUAL.~SM
->1917  9-27-88  2:56p       103 C:\WABAMUN\TWPS\T5035\GDRILLH.~KE
->1918  9-27-88  2:57p       104 C:\WABAMUN\TWPS\T5035\GSCLM.KEY
->1919  9-27-88  2:59p       198 C:\WABAMUN\TWPS\T5035\GDCLM.KEY
->1920  9-27-88  3:00p       139 C:\WABAMUN\TWPS\T5035\GACHS.KEY
->1921  9-27-88  3:02p       118 C:\WABAMUN\TWPS\T5035\GACLM.KEY
->1922 10-28-88 10:44a       111 C:\WABAMUN\TWPS\T5035\GDRILLH.KEY
->1923  3-03-89  2:10p     14055 C:\WABAMUN\TWPS\T5035\MANUAL.SML
->1924  9-27-88  3:04p       128 C:\WABAMUN\TWPS\T5035\GSCHS.KEY
->1925  9-27-88  3:04p       138 C:\WABAMUN\TWPS\T5035\GOTC.KEY
->1926  9-26-88  1:53p       176 C:\WABAMUN\TWPS\T5035\STAT.KEY
->1927  5-25-88  7:55a        48 C:\WABAMUN\TWPS\T5035\BND\TIC
->1928  5-25-88 11:32a        28 C:\WABAMUN\TWPS\T5035\BND\AAT
->1929  5-31-88  8:41a       307 C:\WABAMUN\TWPS\T5035\BND\LOG
->1930  5-25-88 11:31a       512 C:\WABAMUN\TWPS\T5035\BND\LAB
->1931  5-25-88 11:31a         4 C:\WABAMUN\TWPS\T5035\BND\NRF
->1932  5-25-88 11:31a       512 C:\WABAMUN\TWPS\T5035\BND\CNT
->1933  6-14-88 10:55a       768 C:\WABAMUN\TWPS\T5035\BND\ARC
->1934  6-14-88 10:55a       512 C:\WABAMUN\TWPS\T5035\BND\ARX
->1935  5-25-88 11:31a       512 C:\WABAMUN\TWPS\T5035\BND\CNX
->1936  5-25-88 11:31a        32 C:\WABAMUN\TWPS\T5035\BND\PAT
->1937  6-14-88 10:54a       512 C:\WABAMUN\TWPS\T5035\BND\PAL
->1938  6-14-88 10:54a       512 C:\WABAMUN\TWPS\T5035\BND\PAX
->1939  5-25-88 11:31a        16 C:\WABAMUN\TWPS\T5035\BND\BND
->1940 11-01-88  9:59a     30780 C:\WABAMUN\TWPS\T5035\INFO\ARC.DR9
->1941  5-31-88  8:41a       432 C:\WABAMUN\TWPS\T5035\INFO\ARC000.NIT
->1942  5-31-88  8:41a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC000.DAT
->1943  5-31-88  8:41a       576 C:\WABAMUN\TWPS\T5035\INFO\ARC001.NIT
->1944  5-31-88  8:41a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC001.DAT
->1945  5-31-88  8:41a       576 C:\WABAMUN\TWPS\T5035\INFO\ARC002.NIT
->1946  5-31-88  8:41a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC002.DAT
->1947  5-31-88  8:41a      1008 C:\WABAMUN\TWPS\T5035\INFO\ARC003.NIT
->1948  5-31-88  8:41a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC003.DAT
->1949  5-31-88  6:22p       432 C:\WABAMUN\TWPS\T5035\INFO\ARC065.NIT
->1950  5-31-88  6:22p        80 C:\WABAMUN\TWPS\T5035\INFO\ARC065.DAT
->1951  5-31-88  6:22p       576 C:\WABAMUN\TWPS\T5035\INFO\ARC007.NIT
->1952  5-31-88  6:22p        80 C:\WABAMUN\TWPS\T5035\INFO\ARC007.DAT
->1953  5-31-88  8:42a       576 C:\WABAMUN\TWPS\T5035\INFO\ARC006.NIT
->1954  5-31-88  8:42a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC006.DAT
->1955  6-01-88  8:37a      1152 C:\WABAMUN\TWPS\T5035\INFO\ARC066.NIT
->1956  6-01-88  8:37a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC066.DAT
->1957  6-01-88  8:37a       576 C:\WABAMUN\TWPS\T5035\INFO\ARC011.NIT
->1958  6-01-88  8:37a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC011.DAT
->1959  6-01-88  8:37a       432 C:\WABAMUN\TWPS\T5035\INFO\ARC010.NIT
->1960  6-01-88  8:37a        80 C:\WABAMUN\TWPS\T5035\INFO\ARC010.DAT
->1961  6-01-88  9:24a      1152 C:\WABAMUN\TWPS\T5035\INFO\ARC015.NIT
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->1962  6-01-88  9:24a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC015.DAT
->1963  6-01-88  9:25a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC014.NIT
->1964  6-01-88  9:25a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC014.DAT
->1965  6-01-88  9:25a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC013.NIT
->1966  6-01-88  9:25a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC013.DAT
->1967  6-01-88  9:25a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC012.NIT
->1968  6-01-88  9:25a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC012.DAT
->1969  6-13-88 11:04a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC064.NIT
->1970  6-13-88 11:04a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC064.DAT
->1971  6-13-88 11:04a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC063.NIT
->1972  6-13-88 11:04a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC063.DAT
->1973  5-31-88  8:43a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC016.NIT
->1974  5-31-88  8:43a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC016.DAT
->1975  5-31-88  8:43a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC017.NIT
->1976  5-31-88  8:43a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC017.DAT
->1977  5-31-88  8:43a    1152 C:\WABAMUN\TWPS\T5035\INFO\ARC018.NIT
->1978  5-31-88  8:43a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC018.DAT
->1979  5-31-88  8:43a    1152 C:\WABAMUN\TWPS\T5035\INFO\ARC019.NIT
->1980  5-31-88  8:43a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC019.DAT
->1981  5-31-88  8:43a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC020.NIT
->1982  5-31-88  8:43a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC020.DAT
->1983  5-31-88  8:43a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC021.NIT
->1984  5-31-88  8:43a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC021.DAT
->1985  5-31-88  8:48a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC022.NIT
->1986  5-31-88  8:48a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC022.DAT
->1987  5-31-88  8:48a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC023.NIT
->1988  5-31-88  8:48a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC023.DAT
->1989  5-31-88  8:48a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC024.NIT
->1990  5-31-88  8:48a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC024.DAT
->1991  5-31-88  8:48a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC025.NIT
->1992  5-31-88  8:48a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC025.DAT
->1993  6-13-88 11:04a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC062.NIT
->1994  6-13-88 11:04a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC062.DAT
->1995  6-13-88 11:04a    1152 C:\WABAMUN\TWPS\T5035\INFO\ARC061.NIT
->1996  6-13-88 11:04a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC061.DAT
->1997  6-13-88 11:04a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC060.NIT
->1998  6-13-88 11:04a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC060.DAT
->1999  6-13-88 11:04a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC059.NIT
->2000  6-13-88 11:04a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC059.DAT
->2001  6-13-88 11:05a     864 C:\WABAMUN\TWPS\T5035\INFO\ARC058.NIT
->2002  6-13-88 11:05a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC058.DAT
->2003  6-13-88 11:05a    1152 C:\WABAMUN\TWPS\T5035\INFO\ARC057.NIT
->2004  6-13-88 11:05a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC057.DAT
->2005  6-13-88 11:05a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC056.NIT
->2006  6-13-88 11:05a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC056.DAT
->2007  6-13-88 11:05a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC055.NIT
->2008  6-13-88 11:05a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC055.DAT
->2009  6-13-88 11:05a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC054.NIT
->2010  6-13-88 11:05a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC054.DAT
->2011  6-13-88 11:06a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC053.NIT
->2012  6-13-88 11:06a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC053.DAT
->2013  6-13-88 11:06a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC052.NIT
->2014  6-13-88 11:06a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC052.DAT
->2015  6-13-88 11:06a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC051.NIT
->2016  6-13-88 11:06a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC051.DAT
->2017  6-13-88 11:06a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC050.NIT
->2018  6-13-88 11:06a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC050.DAT
->2019  6-13-88 11:07a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC049.NIT
->2020  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC049.DAT
->2021  6-13-88 11:07a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC048.NIT
->2022  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC048.DAT
->2023  6-13-88 11:07a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC047.NIT
->2024  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC047.DAT
->2025  6-13-88 11:07a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC046.NIT
->2026  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC046.DAT
->2027  6-13-88 11:07a    1152 C:\WABAMUN\TWPS\T5035\INFO\ARC045.NIT
->2028  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC045.DAT
->2029  6-13-88 11:07a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC044.NIT
->2030  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC044.DAT
->2031  6-13-88 11:07a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC043.NIT
->2032  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC043.DAT
->2033  6-13-88 11:07a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC042.NIT
->2034  6-13-88 11:07a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC042.DAT
->2035  6-13-88 11:08a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC041.NIT
->2036  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC041.DAT
->2037  6-13-88 11:08a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC040.NIT
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->2038  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC040.DAT
->2039  6-13-88 11:08a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC039.NIT
->2040  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC039.DAT
->2041  6-13-88 11:08a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC038.NIT
->2042  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC038.DAT
->2043  6-13-88 11:08a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC037.NIT
->2044  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC037.DAT
->2045  6-13-88 11:08a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC036.NIT
->2046  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC036.DAT
->2047  6-13-88 11:08a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC035.NIT
->2048  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC035.DAT
->2049  6-13-88 11:08a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC034.NIT
->2050  6-13-88 11:08a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC034.DAT
->2051  6-13-88 11:09a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC033.NIT
->2052  6-13-88 11:09a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC033.DAT
->2053  6-13-88 11:09a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC032.NIT
->2054  6-13-88 11:09a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC032.DAT
->2055  6-13-88 11:09a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC031.NIT
->2056  6-13-88 11:09a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC031.DAT
->2057  6-13-88 11:09a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC030.NIT
->2058  6-13-88 11:09a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC030.DAT
->2059  6-13-88 11:10a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC029.NIT
->2060  6-13-88 11:10a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC029.DAT
->2061  6-13-88 11:10a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC028.NIT
->2062  6-13-88 11:10a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC028.DAT
->2063  6-13-88 11:10a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC027.NIT
->2064  6-13-88 11:10a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC027.DAT
->2065  6-13-88 11:10a    1296 C:\WABAMUN\TWPS\T5035\INFO\ARC026.NIT
->2066  6-13-88 11:10a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC026.DAT
->2067  6-14-88  2:48p     432 C:\WABAMUN\TWPS\T5035\INFO\ARC068.NIT
->2068  6-21-88 11:33a    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC070.NIT
->2069  6-14-88  2:48p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC068.DAT
->2070  6-21-88 11:33a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC070.DAT
->2071  5-31-88  6:22p    1152 C:\WABAMUN\TWPS\T5035\INFO\ARC005.NIT
->2072  5-31-88  6:22p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC005.DAT
->2073  6-14-88  2:48p     576 C:\WABAMUN\TWPS\T5035\INFO\ARC069.NIT
->2074  6-14-88  2:48p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC069.DAT
->2075  6-14-88  2:48p    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC067.NIT
->2076  6-14-88  2:48p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC067.DAT
->2077  6-21-88 11:33a     720 C:\WABAMUN\TWPS\T5035\INFO\ARC009.NIT
->2078  6-21-88 11:33a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC009.DAT
->2079  6-21-88 11:33a     576 C:\WABAMUN\TWPS\T5035\INFO\ARC008.NIT
->2080  6-21-88 11:33a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC008.DAT
->2081  6-21-88 11:33a     432 C:\WABAMUN\TWPS\T5035\INFO\ARC004.NIT
->2082  6-21-88 11:33a      80 C:\WABAMUN\TWPS\T5035\INFO\ARC004.DAT
->2083  6-21-88  2:01p     720 C:\WABAMUN\TWPS\T5035\INFO\ARC071.NIT
->2084  6-21-88  2:01p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC071.DAT
->2085  6-21-88  2:01p     576 C:\WABAMUN\TWPS\T5035\INFO\ARC072.NIT
->2086  6-21-88  2:01p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC072.DAT
->2087  6-21-88  2:01p     432 C:\WABAMUN\TWPS\T5035\INFO\ARC073.NIT
->2088  6-21-88  2:01p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC073.DAT
->2089  6-21-88  2:01p    1008 C:\WABAMUN\TWPS\T5035\INFO\ARC074.NIT
->2090  6-21-88  2:01p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC074.DAT
->2091  6-21-88  2:17p     864 C:\WABAMUN\TWPS\T5035\INFO\ARC075.NIT
->2092  6-21-88  2:17p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC075.DAT
->2093  6-21-88  2:17p     576 C:\WABAMUN\TWPS\T5035\INFO\ARC076.NIT
->2094  6-21-88  2:17p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC076.DAT
->2095  6-21-88  2:17p     432 C:\WABAMUN\TWPS\T5035\INFO\ARC077.NIT
->2096  6-21-88  2:17p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC077.DAT
->2097  6-21-88  2:21p     864 C:\WABAMUN\TWPS\T5035\INFO\ARC078.NIT
->2098  6-21-88  2:21p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC078.DAT
->2099  6-21-88  2:21p     576 C:\WABAMUN\TWPS\T5035\INFO\ARC079.NIT
->2100  6-21-88  2:21p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC079.DAT
->2101  6-21-88  2:21p     432 C:\WABAMUN\TWPS\T5035\INFO\ARC080.NIT
->2102  6-21-88  2:21p      80 C:\WABAMUN\TWPS\T5035\INFO\ARC080.DAT
->2103  5-25-88  7:55a      48 C:\WABAMUN\TWPS\T5035\ATS\TIC
->2104  5-31-88  6:21p    2240 C:\WABAMUN\TWPS\T5035\ATS\ARF
->2105  5-31-88  6:23p     348 C:\WABAMUN\TWPS\T5035\ATS\LOG
->2106  5-31-88  6:21p     512 C:\WABAMUN\TWPS\T5035\ATS\LAB
->2107  5-31-88  6:21p     180 C:\WABAMUN\TWPS\T5035\ATS\NRF
->2108  5-31-88  6:21p    1280 C:\WABAMUN\TWPS\T5035\ATS\CNT
->2109  2-13-89  8:52a    4352 C:\WABAMUN\TWPS\T5035\ATS\ARC
->2110  2-13-89  8:52a    1024 C:\WABAMUN\TWPS\T5035\ATS\ARX
->2111  5-31-88  6:21p     768 C:\WABAMUN\TWPS\T5035\ATS\CNX
->2112  5-31-88  6:21p     592 C:\WABAMUN\TWPS\T5035\ATS\PAT
->2113  2-13-89  8:52a    3328 C:\WABAMUN\TWPS\T5035\ATS\PAL
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->2114	2-13-89	8:52a	768	C:\WABAMUN\TWPS\T5035\ATS\PAX
->2115	5-31-88	6:21p	16	C:\WABAMUN\TWPS\T5035\ATS\BND
->2116	5-31-88	6:23p	2560	C:\WABAMUN\TWPS\T5035\ATS\AAT
->2117	6-01-88	8:24a	16	C:\WABAMUN\TWPS\T5035\RIV\BND
->2118	3-03-88	11:24a	48	C:\WABAMUN\TWPS\T5035\RIV\TIC
->2119	6-01-88	8:23a	12	C:\WABAMUN\TWPS\T5035\RIV\TOL
->2120	6-01-88	8:37a	539	C:\WABAMUN\TWPS\T5035\RIV\LOG
->2121	2-13-89	8:52a	4352	C:\WABAMUN\TWPS\T5035\RIV\ARC
->2122	6-01-88	8:24a	992	C:\WABAMUN\TWPS\T5035\RIV\AAT
->2123	2-13-89	8:52a	768	C:\WABAMUN\TWPS\T5035\RIV\ARX
->2124	6-01-88	8:24a	136	C:\WABAMUN\TWPS\T5035\RIV\NRF
->2125	6-01-88	9:17a	16	C:\WABAMUN\TWPS\T5035\LAK\BND
->2126	3-03-88	9:57a	48	C:\WABAMUN\TWPS\T5035\LAK\TIC
->2127	6-01-88	9:16a	12	C:\WABAMUN\TWPS\T5035\LAK\TOL
->2128	6-01-88	9:25a	743	C:\WABAMUN\TWPS\T5035\LAK\LOG
->2129	6-01-88	9:17a	512	C:\WABAMUN\TWPS\T5035\LAK\LAB
->2130	6-01-88	9:17a	64	C:\WABAMUN\TWPS\T5035\LAK\PAT
->2131	6-01-88	9:17a	512	C:\WABAMUN\TWPS\T5035\LAK\CNT
->2132	6-01-88	9:17a	20	C:\WABAMUN\TWPS\T5035\LAK\NRF
->2133	6-01-88	9:17a	160	C:\WABAMUN\TWPS\T5035\LAK\AAT
->2134	6-01-88	9:17a	512	C:\WABAMUN\TWPS\T5035\LAK\CNX
->2135	2-13-89	8:52a	768	C:\WABAMUN\TWPS\T5035\LAK\ARC
->2136	2-13-89	8:52a	512	C:\WABAMUN\TWPS\T5035\LAK\ARX
->2137	2-13-89	8:52a	768	C:\WABAMUN\TWPS\T5035\LAK\PAL
->2138	2-13-89	8:52a	512	C:\WABAMUN\TWPS\T5035\LAK\PAX
->2139	5-27-88	7:28a	16	C:\WABAMUN\TWPS\T5035\HWY\BND
->2140	3-03-88	11:10a	48	C:\WABAMUN\TWPS\T5035\HWY\TIC
->2141	5-27-88	7:23a	12	C:\WABAMUN\TWPS\T5035\HWY\TOL
->2142	5-31-88	8:43a	680	C:\WABAMUN\TWPS\T5035\HWY\LOG
->2143	5-27-88	7:28a	1600	C:\WABAMUN\TWPS\T5035\HWY\AAT
->2144	5-27-88	7:23a	196	C:\WABAMUN\TWPS\T5035\HWY\NRF
->2145	5-27-88	7:28a	1400	C:\WABAMUN\TWPS\T5035\HWY\ARF
->2146	10-28-88	10:00a	3328	C:\WABAMUN\TWPS\T5035\HWY\ARC
->2147	10-28-88	10:00a	768	C:\WABAMUN\TWPS\T5035\HWY\ARX
->2148	5-27-88	8:42a	16	C:\WABAMUN\TWPS\T5035\MDB\BND
->2149	3-03-88	10:54a	48	C:\WABAMUN\TWPS\T5035\MDB\TIC
->2150	5-27-88	8:41a	12	C:\WABAMUN\TWPS\T5035\MDB\TOL
->2151	5-31-88	8:43a	757	C:\WABAMUN\TWPS\T5035\MDB\LOG
->2152	9-28-88	8:44a	768	C:\WABAMUN\TWPS\T5035\MDB\ARC
->2153	5-27-88	8:42a	32	C:\WABAMUN\TWPS\T5035\MDB\AAT
->2154	9-28-88	8:44a	512	C:\WABAMUN\TWPS\T5035\MDB\ARX
->2155	5-27-88	8:42a	8	C:\WABAMUN\TWPS\T5035\MDB\NRF
->2156	5-30-88	1:03p	16	C:\WABAMUN\TWPS\T5035\HSDBED\BND
->2157	5-02-88	7:35a	48	C:\WABAMUN\TWPS\T5035\HSDBED\TIC
->2158	5-30-88	12:49p	24	C:\WABAMUN\TWPS\T5035\HSDBED\TOL
->2159	5-31-88	8:48a	1694	C:\WABAMUN\TWPS\T5035\HSDBED\LOG
->2160	5-30-88	1:03p	768	C:\WABAMUN\TWPS\T5035\HSDBED\LAB
->2161	5-30-88	1:03p	216	C:\WABAMUN\TWPS\T5035\HSDBED\PAT
->2162	5-30-88	1:03p	768	C:\WABAMUN\TWPS\T5035\HSDBED\CNT
->2163	5-30-88	1:02p	40	C:\WABAMUN\TWPS\T5035\HSDBED\NRF
->2164	5-30-88	1:03p	560	C:\WABAMUN\TWPS\T5035\HSDBED\AAT
->2165	5-30-88	1:03p	512	C:\WABAMUN\TWPS\T5035\HSDBED\CNX
->2166	5-30-88	1:03p	3328	C:\WABAMUN\TWPS\T5035\HSDBED\ARC
->2167	5-30-88	1:03p	512	C:\WABAMUN\TWPS\T5035\HSDBED\ARX
->2168	5-30-88	1:03p	1024	C:\WABAMUN\TWPS\T5035\HSDBED\PAL
->2169	5-30-88	1:03p	512	C:\WABAMUN\TWPS\T5035\HSDBED\PAX
->2170	4-25-88	1:55p	48	C:\WABAMUN\TWPS\T5035\GHSC\TIC
->2171	6-13-88	11:04a	1088	C:\WABAMUN\TWPS\T5035\GHSC\LOG
->2172	6-13-88	8:25a	24	C:\WABAMUN\TWPS\T5035\GHSC\TOL
->2173	6-13-88	8:49a	512	C:\WABAMUN\TWPS\T5035\GHSC\LAB
->2174	6-13-88	8:49a	624	C:\WABAMUN\TWPS\T5035\GHSC\NRF
->2175	6-13-88	8:49a	768	C:\WABAMUN\TWPS\T5035\GHSC\CNT
->2176	2-13-89	8:25a	23552	C:\WABAMUN\TWPS\T5035\GHSC\ARC
->2177	2-13-89	8:25a	1536	C:\WABAMUN\TWPS\T5035\GHSC\ARX
->2178	6-13-88	8:49a	512	C:\WABAMUN\TWPS\T5035\GHSC\CNX
->2179	6-13-88	8:49a	160	C:\WABAMUN\TWPS\T5035\GHSC\PAT
->2180	2-13-89	8:25a	3584	C:\WABAMUN\TWPS\T5035\GHSC\PAL
->2181	2-13-89	8:25a	512	C:\WABAMUN\TWPS\T5035\GHSC\PAX
->2182	6-13-88	8:49a	16	C:\WABAMUN\TWPS\T5035\GHSC\BND
->2183	6-13-88	8:49a	3612	C:\WABAMUN\TWPS\T5035\GHSC\ARF
->2184	6-13-88	8:49a	4644	C:\WABAMUN\TWPS\T5035\GHSC\AAT
->2185	6-13-88	8:45a	16	C:\WABAMUN\TWPS\T5035\GDRILLH\BND
->2186	4-26-88	8:13a	48	C:\WABAMUN\TWPS\T5035\GDRILLH\TIC
->2187	6-13-88	11:05a	558	C:\WABAMUN\TWPS\T5035\GDRILLH\LOG
->2188	10-31-88	11:06a	4864	C:\WABAMUN\TWPS\T5035\GDRILLH\LAB
->2189	6-13-88	8:45a	7000	C:\WABAMUN\TWPS\T5035\GDRILLH\PAT

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->2190   4-27-88   9:07a        48 C:\WABAMUN\TWPS\T5035\GTUM\TIC
->2191   6-13-88  11:05a       830 C:\WABAMUN\TWPS\T5035\GTUM\LOG
->2192   6-13-88   8:27a        24 C:\WABAMUN\TWPS\T5035\GTUM\TOL
->2193   6-13-88   9:02a       512 C:\WABAMUN\TWPS\T5035\GTUM\LAB
->2194   6-13-88   9:02a       604 C:\WABAMUN\TWPS\T5035\GTUM\NRF
->2195   6-13-88   9:02a       768 C:\WABAMUN\TWPS\T5035\GTUM\CNT
->2196  10-31-88  11:35a     22528 C:\WABAMUN\TWPS\T5035\GTUM\ARC
->2197  10-31-88  11:35a      1536 C:\WABAMUN\TWPS\T5035\GTUM\ARX
->2198   6-13-88   9:02a       512 C:\WABAMUN\TWPS\T5035\GTUM\CNX
->2199   6-13-88   9:02a       272 C:\WABAMUN\TWPS\T5035\GTUM\PAT
->2200  10-31-88  11:35a      3840 C:\WABAMUN\TWPS\T5035\GTUM\PAL
->2201  10-31-88  11:35a       512 C:\WABAMUN\TWPS\T5035\GTUM\PAX
->2202   6-13-88   9:02a        16 C:\WABAMUN\TWPS\T5035\GTUM\BND
->2203   6-13-88   9:02a      3836 C:\WABAMUN\TWPS\T5035\GTUM\ARF
->2204   6-13-88   9:02a      4932 C:\WABAMUN\TWPS\T5035\GTUM\AAT
->2205   6-13-88   8:34a        16 C:\WABAMUN\TWPS\T5035\GSCLM\BND
->2206   4-27-88   1:23p        48 C:\WABAMUN\TWPS\T5035\GSCLM\TIC
->2207   6-13-88   8:33a        24 C:\WABAMUN\TWPS\T5035\GSCLM\TOL
->2208   6-13-88  11:06a       861 C:\WABAMUN\TWPS\T5035\GSCLM\LOG
->2209   6-13-88   8:34a      1280 C:\WABAMUN\TWPS\T5035\GSCLM\LAB
->2210   6-13-88   8:34a       936 C:\WABAMUN\TWPS\T5035\GSCLM\PAT
->2211   6-13-88   8:34a      1536 C:\WABAMUN\TWPS\T5035\GSCLM\CNT
->2212   6-13-88   8:34a       176 C:\WABAMUN\TWPS\T5035\GSCLM\NRF
->2213   6-13-88  10:58a      2320 C:\WABAMUN\TWPS\T5035\GSCLM\AAT
->2214   6-13-88   8:34a       768 C:\WABAMUN\TWPS\T5035\GSCLM\CNX
->2215   2-13-89   8:31a     18176 C:\WABAMUN\TWPS\T5035\GSCLM\ARC
->2216   2-13-89   8:31a      1024 C:\WABAMUN\TWPS\T5035\GSCLM\ARX
->2217   2-13-89   8:31a      2816 C:\WABAMUN\TWPS\T5035\GSCLM\PAL
->2218   2-13-89   8:31a       768 C:\WABAMUN\TWPS\T5035\GSCLM\PAX
->2219   4-27-88   3:03p        48 C:\WABAMUN\TWPS\T5035\GDCLM\TIC
->2220   6-13-88  10:05a      3136 C:\WABAMUN\TWPS\T5035\GDCLM\ARF
->2221   6-13-88  11:07a      1541 C:\WABAMUN\TWPS\T5035\GDCLM\LOG
->2222   6-13-88   8:35a        24 C:\WABAMUN\TWPS\T5035\GDCLM\TOL
->2223   6-13-88  10:05a      1792 C:\WABAMUN\TWPS\T5035\GDCLM\LAB
->2224   6-13-88  10:05a       328 C:\WABAMUN\TWPS\T5035\GDCLM\NRF
->2225   6-13-88  10:05a      1536 C:\WABAMUN\TWPS\T5035\GDCLM\CNT
->2226   9-28-88   8:56a     25600 C:\WABAMUN\TWPS\T5035\GDCLM\ARC
->2227   9-28-88   8:56a      1280 C:\WABAMUN\TWPS\T5035\GDCLM\ARX
->2228   6-13-88  10:05a       768 C:\WABAMUN\TWPS\T5035\GDCLM\CNX
->2229   6-13-88  10:05a       656 C:\WABAMUN\TWPS\T5035\GDCLM\PRF
->2230   9-28-88   8:56a      4352 C:\WABAMUN\TWPS\T5035\GDCLM\PAL
->2231   9-28-88   8:56a       768 C:\WABAMUN\TWPS\T5035\GDCLM\PAX
->2232   6-13-88  10:05a        16 C:\WABAMUN\TWPS\T5035\GDCLM\BND
->2233   6-13-88  10:05a      1476 C:\WABAMUN\TWPS\T5035\GDCLM\PAT
->2234   6-13-88  10:05a      4480 C:\WABAMUN\TWPS\T5035\GDCLM\AAT
->2235   4-28-88   9:54a        48 C:\WABAMUN\TWPS\T5035\GTLM\TIC
->2236   6-13-88  11:07a      1133 C:\WABAMUN\TWPS\T5035\GTLM\LOG
->2237   6-13-88   8:29a        24 C:\WABAMUN\TWPS\T5035\GTLM\TOL
->2238   6-13-88   9:34a       512 C:\WABAMUN\TWPS\T5035\GTLM\LAB
->2239   6-13-88   9:34a       612 C:\WABAMUN\TWPS\T5035\GTLM\NRF
->2240   6-13-88   9:34a      1024 C:\WABAMUN\TWPS\T5035\GTLM\CNT
->2241  10-28-88   9:57a     44544 C:\WABAMUN\TWPS\T5035\GTLM\ARC
->2242  10-28-88   9:57a      1536 C:\WABAMUN\TWPS\T5035\GTLM\ARX
->2243   6-13-88   9:34a       768 C:\WABAMUN\TWPS\T5035\GTLM\CNX
->2244   6-13-88   9:34a       512 C:\WABAMUN\TWPS\T5035\GTLM\PAT
->2245  10-28-88   9:57a      4864 C:\WABAMUN\TWPS\T5035\GTLM\PAL
->2246  10-28-88   9:57a       768 C:\WABAMUN\TWPS\T5035\GTLM\PAX
->2247   6-13-88   9:34a        16 C:\WABAMUN\TWPS\T5035\GTLM\BND
->2248   6-13-88   9:34a      4032 C:\WABAMUN\TWPS\T5035\GTLM\ARF
->2249   6-13-88   9:34a      5184 C:\WABAMUN\TWPS\T5035\GTLM\AAT
->2250   6-13-88   8:38a        16 C:\WABAMUN\TWPS\T5035\GACHS\BND
->2251   5-02-88   3:44p        48 C:\WABAMUN\TWPS\T5035\GACHS\TIC
->2252   6-13-88   8:37a        24 C:\WABAMUN\TWPS\T5035\GACHS\TOL
->2253   6-13-88  11:08a      1160 C:\WABAMUN\TWPS\T5035\GACHS\LOG
->2254   6-13-88   8:38a      1280 C:\WABAMUN\TWPS\T5035\GACHS\LAB
->2255   6-13-88   8:38a       792 C:\WABAMUN\TWPS\T5035\GACHS\PAT
->2256   6-13-88   8:38a      1536 C:\WABAMUN\TWPS\T5035\GACHS\CNT
->2257   6-13-88   8:38a       176 C:\WABAMUN\TWPS\T5035\GACHS\NRF
->2258   6-13-88  10:09a      2480 C:\WABAMUN\TWPS\T5035\GACHS\AAT
->2259   6-13-88   8:38a       768 C:\WABAMUN\TWPS\T5035\GACHS\CNX
->2260   2-13-89   8:47a     14080 C:\WABAMUN\TWPS\T5035\GACHS\ARC
->2261   2-13-89   8:47a      1024 C:\WABAMUN\TWPS\T5035\GACHS\ARX
->2262   2-13-89   8:47a      2560 C:\WABAMUN\TWPS\T5035\GACHS\PAL
->2263   2-13-89   8:47a       768 C:\WABAMUN\TWPS\T5035\GACHS\PAX
->2264   6-13-88   8:40a        16 C:\WABAMUN\TWPS\T5035\GACLM\BND
->2265   5-03-88   8:15a        48 C:\WABAMUN\TWPS\T5035\GACLM\TIC
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->2266   6-13-88   8:38a        24 C:\WABAMUN\TWPS\T5035\GACLM\TOL
->2267   6-13-88  11:08a       916 C:\WABAMUN\TWPS\T5035\GACLM\LOG
->2268   6-13-88   8:40a      1024 C:\WABAMUN\TWPS\T5035\GACLM\LAB
->2269   6-13-88   8:39a      2268 C:\WABAMUN\TWPS\T5035\GACLM\PAT
->2270   6-13-88   8:39a      1280 C:\WABAMUN\TWPS\T5035\GACLM\CNT
->2271   6-13-88   8:39a       120 C:\WABAMUN\TWPS\T5035\GACLM\NRF
->2272   6-13-88  10:13a      1520 C:\WABAMUN\TWPS\T5035\GACLM\AAT
->2273   6-13-88   8:39a       512 C:\WABAMUN\TWPS\T5035\GACLM\CNX
->2274   2-13-89   8:53a     15360 C:\WABAMUN\TWPS\T5035\GACLM\ARC
->2275   2-13-89   8:53a       768 C:\WABAMUN\TWPS\T5035\GACLM\ARX
->2276   2-13-89   8:53a      2048 C:\WABAMUN\TWPS\T5035\GACLM\PAL
->2277   2-13-89   8:53a       512 C:\WABAMUN\TWPS\T5035\GACLM\PAX
->2278   6-13-88   8:41a        16 C:\WABAMUN\TWPS\T5035\GSCHS\BND
->2279   5-03-88   9:46a        48 C:\WABAMUN\TWPS\T5035\GSCHS\TIC
->2280   6-13-88   8:40a        24 C:\WABAMUN\TWPS\T5035\GSCHS\TOL
->2281   6-13-88  11:09a       982 C:\WABAMUN\TWPS\T5035\GSCHS\LOG
->2282   6-13-88   8:41a      1024 C:\WABAMUN\TWPS\T5035\GSCHS\LAB
->2283   6-13-88   8:41a       648 C:\WABAMUN\TWPS\T5035\GSCHS\PAT
->2284   6-13-88   8:41a      1280 C:\WABAMUN\TWPS\T5035\GSCHS\CNT
->2285   6-13-88   8:41a       156 C:\WABAMUN\TWPS\T5035\GSCHS\NRF
->2286   6-13-88  10:55a      2160 C:\WABAMUN\TWPS\T5035\GSCHS\AAT
->2287   6-13-88   8:41a       512 C:\WABAMUN\TWPS\T5035\GSCHS\CNX
->2288   2-13-89   8:42a     13824 C:\WABAMUN\TWPS\T5035\GSCHS\ARC
->2289   2-13-89   8:42a      1024 C:\WABAMUN\TWPS\T5035\GSCHS\ARX
->2290   2-13-89   8:42a      2304 C:\WABAMUN\TWPS\T5035\GSCHS\PAL
->2291   2-13-89   8:42a       512 C:\WABAMUN\TWPS\T5035\GSCHS\PAX
->2292   6-13-88   8:44a        16 C:\WABAMUN\TWPS\T5035\GOTC\BND
->2293   5-04-88   8:20a        48 C:\WABAMUN\TWPS\T5035\GOTC\TIC
->2294   6-13-88   8:42a        24 C:\WABAMUN\TWPS\T5035\GOTC\TOL
->2295   6-13-88  11:10a       959 C:\WABAMUN\TWPS\T5035\GOTC\LOG
->2296   6-13-88   8:44a      2560 C:\WABAMUN\TWPS\T5035\GOTC\LAB
->2297   6-13-88   8:44a      2304 C:\WABAMUN\TWPS\T5035\GOTC\PAT
->2298   6-13-88   8:43a      3328 C:\WABAMUN\TWPS\T5035\GOTC\CNT
->2299   6-13-88   8:43a       400 C:\WABAMUN\TWPS\T5035\GOTC\NRF
->2300   6-13-88  11:00a      5080 C:\WABAMUN\TWPS\T5035\GOTC\AAT
->2301   6-13-88   8:43a      1024 C:\WABAMUN\TWPS\T5035\GOTC\CNX
->2302  10-28-88   9:59a     26368 C:\WABAMUN\TWPS\T5035\GOTC\ARC
->2303  10-28-88   9:59a      1536 C:\WABAMUN\TWPS\T5035\GOTC\ARX
->2304  10-28-88   9:59a      5632 C:\WABAMUN\TWPS\T5035\GOTC\PAL
->2305  10-28-88   9:59a      1024 C:\WABAMUN\TWPS\T5035\GOTC\PAX
->2306   6-20-88   2:35p        16 C:\WABAMUN\TWPS\T5035\LIC\BND
->2307   5-12-88   3:42p        48 C:\WABAMUN\TWPS\T5035\LIC\TIC
->2308   6-20-88   2:34p        24 C:\WABAMUN\TWPS\T5035\LIC\TOL
->2309   6-21-88  11:33a       853 C:\WABAMUN\TWPS\T5035\LIC\LOG
->2310   6-20-88   2:35p       512 C:\WABAMUN\TWPS\T5035\LIC\LAB
->2311   6-20-88   2:34p        44 C:\WABAMUN\TWPS\T5035\LIC\PAT
->2312   6-20-88   2:34p       512 C:\WABAMUN\TWPS\T5035\LIC\CNT
->2313   6-20-88   2:34p         4 C:\WABAMUN\TWPS\T5035\LIC\NRF
->2314   6-21-88  11:31a        28 C:\WABAMUN\TWPS\T5035\LIC\AAT
->2315   6-20-88   2:34p       512 C:\WABAMUN\TWPS\T5035\LIC\CNX
->2316   6-20-88   2:35p       512 C:\WABAMUN\TWPS\T5035\LIC\TXT
->2317   2-13-89   8:21a       512 C:\WABAMUN\TWPS\T5035\LIC\ARC
->2318   2-13-89   8:21a       512 C:\WABAMUN\TWPS\T5035\LIC\ARX
->2319   6-20-88   2:35p       512 C:\WABAMUN\TWPS\T5035\LIC\TXX
->2320   2-13-89   8:21a       512 C:\WABAMUN\TWPS\T5035\LIC\PAL
->2321   2-13-89   8:21a       512 C:\WABAMUN\TWPS\T5035\LIC\PAX
->2322   5-12-88   3:50p        48 C:\WABAMUN\TWPS\T5035\PERM\TIC
->2323   6-21-88   2:00p        56 C:\WABAMUN\TWPS\T5035\PERM\AAT
->2324   6-21-88   2:01p       936 C:\WABAMUN\TWPS\T5035\PERM\LOG
->2325   6-20-88   2:48p        24 C:\WABAMUN\TWPS\T5035\PERM\TOL
->2326   6-20-88   2:49p       512 C:\WABAMUN\TWPS\T5035\PERM\TXT
->2327   6-20-88   2:49p       512 C:\WABAMUN\TWPS\T5035\PERM\TXX
->2328   6-21-88   1:59p       512 C:\WABAMUN\TWPS\T5035\PERM\LAB
->2329   6-21-88   1:59p         8 C:\WABAMUN\TWPS\T5035\PERM\NRF
->2330   6-21-88   1:59p       512 C:\WABAMUN\TWPS\T5035\PERM\CNT
->2331   2-13-89   8:20a       768 C:\WABAMUN\TWPS\T5035\PERM\ARC
->2332   2-13-89   8:20a       512 C:\WABAMUN\TWPS\T5035\PERM\ARX
->2333   6-21-88   1:59p       512 C:\WABAMUN\TWPS\T5035\PERM\CNX
->2334   6-21-88   1:59p        48 C:\WABAMUN\TWPS\T5035\PERM\PRF
->2335   2-13-89   8:20a       512 C:\WABAMUN\TWPS\T5035\PERM\PAL
->2336   2-13-89   8:20a       512 C:\WABAMUN\TWPS\T5035\PERM\PAX
->2337   6-21-88   1:59p        16 C:\WABAMUN\TWPS\T5035\PERM\BND
->2338   6-21-88   2:00p        72 C:\WABAMUN\TWPS\T5035\PERM\PAT
->2339   6-21-88   2:06p        16 C:\WABAMUN\TWPS\T5035\UNCERT\BND
->2340   5-12-88   4:36p        48 C:\WABAMUN\TWPS\T5035\UNCERT\TIC
->2341   6-21-88   2:17p       703 C:\WABAMUN\TWPS\T5035\UNCERT\LOG
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->2342  6-21-88   2:06p       512 C:\WABAMUN\TWPS\T5035\UNCERT\LAB
->2343  6-21-88   2:06p       512 C:\WABAMUN\TWPS\T5035\UNCERT\TXT
->2344  6-21-88   2:06p        48 C:\WABAMUN\TWPS\T5035\UNCERT\PAT
->2345  6-21-88   2:06p       512 C:\WABAMUN\TWPS\T5035\UNCERT\TXX
->2346  6-14-88   2:48p        16 C:\WABAMUN\TWPS\T5035\STAT\BND
->2347  4-07-88   8:32a        48 C:\WABAMUN\TWPS\T5035\STAT\TIC
->2348  6-14-88   2:48p       587 C:\WABAMUN\TWPS\T5035\STAT\LOG
->2349  6-14-88   2:51p      1600 C:\WABAMUN\TWPS\T5035\STAT\PAT
->2350  6-14-88  10:54a       512 C:\WABAMUN\TWPS\T5035\STAT\TXT
->2351  6-14-88  10:54a       512 C:\WABAMUN\TWPS\T5035\STAT\TXX
->2352  6-14-88   2:48p       512 C:\WABAMUN\TWPS\T5035\STAT\PRF
->2353  2-13-89   8:16a      1536 C:\WABAMUN\TWPS\T5035\STAT\LAB
->2354  6-21-88   2:08p        16 C:\WABAMUN\TWPS\T5035\SURF\BND
->2355  5-12-88   4:33p        48 C:\WABAMUN\TWPS\T5035\SURF\TIC
->2356  6-21-88   2:21p       652 C:\WABAMUN\TWPS\T5035\SURF\LOG
->2357  2-13-89   8:16a       512 C:\WABAMUN\TWPS\T5035\SURF\LAB
->2358  6-21-88   2:08p       512 C:\WABAMUN\TWPS\T5035\SURF\TXT
->2359  6-21-88   2:08p        52 C:\WABAMUN\TWPS\T5035\SURF\PAT
->2360  6-21-88   2:08p       512 C:\WABAMUN\TWPS\T5035\SURF\TXX
->2361  2-10-89  10:47a      1655 C:\WABAMUN\SAREA\LOG
->2362  3-03-89   1:27p      8882 C:\WABAMUN\SAREA\MANUAL.~SM
->2363  3-03-89   4:11p      8891 C:\WABAMUN\SAREA\MANUAL.SML
->2364  9-28-88  10:38a        56 C:\WABAMUN\SAREA\PRINTER.SML
->2365  2-10-89  10:47a        24 C:\WABAMUN\SAREA\LOG.TIM
->2366  6-02-88   9:52a        16 C:\WABAMUN\SAREA\ATS\BND
->2367  3-03-88   2:28p        48 C:\WABAMUN\SAREA\ATS\TIC
->2368  6-02-88   9:51a        24 C:\WABAMUN\SAREA\ATS\TOL
->2369  9-30-88   1:45p      1136 C:\WABAMUN\SAREA\ATS\LOG
->2370  6-02-88   9:52a      9728 C:\WABAMUN\SAREA\ATS\LAB
->2371  6-02-88   9:52a      4624 C:\WABAMUN\SAREA\ATS\PAT
->2372  6-02-88   9:52a     13056 C:\WABAMUN\SAREA\ATS\CNT
->2373  6-02-88   9:51a      1424 C:\WABAMUN\SAREA\ATS\NRF
->2374  6-15-88  10:36a     20576 C:\WABAMUN\SAREA\ATS\AAT
->2375  6-02-88   9:52a      2816 C:\WABAMUN\SAREA\ATS\CNX
->2376  3-03-89   4:03p     31488 C:\WABAMUN\SAREA\ATS\ARC
->2377  3-03-89   4:03p      5632 C:\WABAMUN\SAREA\ATS\ARX
->2378  3-03-89   2:51p     24064 C:\WABAMUN\SAREA\ATS\PAL
->2379  3-03-89   2:51p      2816 C:\WABAMUN\SAREA\ATS\PAX
->2380 10-31-88  12:50p     54720 C:\WABAMUN\SAREA\INFO\ARC.DR9
->2381  6-02-88  10:32a       576 C:\WABAMUN\SAREA\INFO\ARC000.NIT
->2382  6-02-88  10:32a        80 C:\WABAMUN\SAREA\INFO\ARC000.DAT
->2383  6-02-88  10:32a       576 C:\WABAMUN\SAREA\INFO\ARC001.NIT
->2384  6-02-88  10:32a        80 C:\WABAMUN\SAREA\INFO\ARC001.DAT
->2385  6-02-88  10:32a       432 C:\WABAMUN\SAREA\INFO\ARC002.NIT
->2386  6-02-88  10:32a        80 C:\WABAMUN\SAREA\INFO\ARC002.DAT
->2387  6-02-88  10:32a      1152 C:\WABAMUN\SAREA\INFO\ARC003.NIT
->2388  6-02-88  10:32a        80 C:\WABAMUN\SAREA\INFO\ARC003.DAT
->2389  6-02-88  10:33a       432 C:\WABAMUN\SAREA\INFO\ARC004.NIT
->2390  6-02-88  10:33a        80 C:\WABAMUN\SAREA\INFO\ARC004.DAT
->2391  6-02-88  10:33a       576 C:\WABAMUN\SAREA\INFO\ARC005.NIT
->2392  6-02-88  10:33a        80 C:\WABAMUN\SAREA\INFO\ARC005.DAT
->2393  6-02-88  10:33a       576 C:\WABAMUN\SAREA\INFO\ARC006.NIT
->2394  6-02-88  10:33a        80 C:\WABAMUN\SAREA\INFO\ARC006.DAT
->2395  6-02-88  10:33a      1008 C:\WABAMUN\SAREA\INFO\ARC007.NIT
->2396  6-02-88  10:33a        80 C:\WABAMUN\SAREA\INFO\ARC007.DAT
->2397  6-02-88  10:35a      1152 C:\WABAMUN\SAREA\INFO\ARC008.NIT
->2398  6-02-88  10:35a        80 C:\WABAMUN\SAREA\INFO\ARC008.DAT
->2399  6-02-88  10:35a       576 C:\WABAMUN\SAREA\INFO\ARC009.NIT
->2400  6-02-88  10:35a        80 C:\WABAMUN\SAREA\INFO\ARC009.DAT
->2401  6-02-88  10:35a       432 C:\WABAMUN\SAREA\INFO\ARC010.NIT
->2402  6-02-88  10:35a        80 C:\WABAMUN\SAREA\INFO\ARC010.DAT
->2403  6-02-88  10:37a      1152 C:\WABAMUN\SAREA\INFO\ARC011.NIT
->2404  6-02-88  10:37a        80 C:\WABAMUN\SAREA\INFO\ARC011.DAT
->2405  6-02-88  10:37a       576 C:\WABAMUN\SAREA\INFO\ARC012.NIT
->2406  6-02-88  10:37a        80 C:\WABAMUN\SAREA\INFO\ARC012.DAT
->2407  6-02-88  10:37a       432 C:\WABAMUN\SAREA\INFO\ARC013.NIT
->2408  6-02-88  10:37a        80 C:\WABAMUN\SAREA\INFO\ARC013.DAT
->2409  6-02-88  10:39a      1152 C:\WABAMUN\SAREA\INFO\ARC014.NIT
->2410  6-02-88  10:39a        80 C:\WABAMUN\SAREA\INFO\ARC014.DAT
->2411  6-02-88  10:39a       576 C:\WABAMUN\SAREA\INFO\ARC015.NIT
->2412  6-02-88  10:39a        80 C:\WABAMUN\SAREA\INFO\ARC015.DAT
->2413  6-02-88  10:39a       432 C:\WABAMUN\SAREA\INFO\ARC016.NIT
->2414  6-02-88  10:39a        80 C:\WABAMUN\SAREA\INFO\ARC016.DAT
->2415  6-02-88  10:40a      1152 C:\WABAMUN\SAREA\INFO\ARC017.NIT
->2416  6-02-88  10:40a        80 C:\WABAMUN\SAREA\INFO\ARC017.DAT
->2417  6-02-88  10:40a       576 C:\WABAMUN\SAREA\INFO\ARC018.NIT
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->2418  6-02-88  10:40a       80 C:\WABAMUN\SAREA\INFO\ARC018.DAT
->2419  6-02-88  10:40a      432 C:\WABAMUN\SAREA\INFO\ARC019.NIT
->2420  6-02-88  10:40a       80 C:\WABAMUN\SAREA\INFO\ARC019.DAT
->2421  6-02-88  10:42a     1152 C:\WABAMUN\SAREA\INFO\ARC020.NIT
->2422  6-02-88  10:42a       80 C:\WABAMUN\SAREA\INFO\ARC020.DAT
->2423  6-02-88  10:42a      576 C:\WABAMUN\SAREA\INFO\ARC021.NIT
->2424  6-02-88  10:42a       80 C:\WABAMUN\SAREA\INFO\ARC021.DAT
->2425  6-02-88  10:42a      432 C:\WABAMUN\SAREA\INFO\ARC022.NIT
->2426  6-02-88  10:42a       80 C:\WABAMUN\SAREA\INFO\ARC022.DAT
->2427  6-20-88   8:19a      576 C:\WABAMUN\SAREA\INFO\ARC028.NIT
->2428  6-20-88   8:19a       80 C:\WABAMUN\SAREA\INFO\ARC028.DAT
->2429  6-14-88   1:29p      576 C:\WABAMUN\SAREA\INFO\ARC026.NIT
->2430  6-14-88   1:29p       80 C:\WABAMUN\SAREA\INFO\ARC026.DAT
->2431  6-14-88   1:29p      432 C:\WABAMUN\SAREA\INFO\ARC027.NIT
->2432  6-14-88   1:29p       80 C:\WABAMUN\SAREA\INFO\ARC027.DAT
->2433  6-14-88  10:29a     1008 C:\WABAMUN\SAREA\INFO\ARC023.NIT
->2434  6-14-88  10:29a       80 C:\WABAMUN\SAREA\INFO\ARC023.DAT
->2435  6-14-88   1:29p     1008 C:\WABAMUN\SAREA\INFO\ARC025.NIT
->2436  6-14-88   1:30p       80 C:\WABAMUN\SAREA\INFO\ARC025.DAT
->2437  6-20-88   8:19a     1008 C:\WABAMUN\SAREA\INFO\ARC024.NIT
->2438  6-20-88   8:19a       80 C:\WABAMUN\SAREA\INFO\ARC024.DAT
->2439  6-22-88   9:22a      576 C:\WABAMUN\SAREA\INFO\ARC142.NIT
->2440  6-22-88   9:22a       80 C:\WABAMUN\SAREA\INFO\ARC142.DAT
->2441  6-22-88   9:21a      432 C:\WABAMUN\SAREA\INFO\ARC143.NIT
->2442  6-22-88   9:21a       80 C:\WABAMUN\SAREA\INFO\ARC143.DAT
->2443  6-22-88   9:23a      432 C:\WABAMUN\SAREA\INFO\ARC138.NIT
->2444  6-22-88   9:23a       80 C:\WABAMUN\SAREA\INFO\ARC138.DAT
->2445  6-20-88   8:48a     1008 C:\WABAMUN\SAREA\INFO\ARC032.NIT
->2446  6-20-88   8:48a       80 C:\WABAMUN\SAREA\INFO\ARC032.DAT
->2447  6-22-88   9:23a      576 C:\WABAMUN\SAREA\INFO\ARC137.NIT
->2448  6-22-88   9:23a       80 C:\WABAMUN\SAREA\INFO\ARC137.DAT
->2449  6-20-88  10:48a      864 C:\WABAMUN\SAREA\INFO\ARC031.NIT
->2450  6-20-88  10:48a       80 C:\WABAMUN\SAREA\INFO\ARC031.DAT
->2451  6-22-88   9:22a      432 C:\WABAMUN\SAREA\INFO\ARC141.NIT
->2452  6-22-88   9:22a       80 C:\WABAMUN\SAREA\INFO\ARC141.DAT
->2453  6-22-88   9:22a      576 C:\WABAMUN\SAREA\INFO\ARC140.NIT
->2454  6-22-88   9:22a       80 C:\WABAMUN\SAREA\INFO\ARC140.DAT
->2455  6-20-88   9:34a     1008 C:\WABAMUN\SAREA\INFO\ARC037.NIT
->2456  6-20-88   9:34a       80 C:\WABAMUN\SAREA\INFO\ARC037.DAT
->2457  6-22-88   9:23a      720 C:\WABAMUN\SAREA\INFO\ARC136.NIT
->2458  6-22-88   9:23a       80 C:\WABAMUN\SAREA\INFO\ARC136.DAT
->2459  9-30-88  11:33a      720 C:\WABAMUN\SAREA\INFO\ARC135.NIT
->2460  9-30-88  11:33a       80 C:\WABAMUN\SAREA\INFO\ARC135.DAT
->2461  6-20-88  10:48a      576 C:\WABAMUN\SAREA\INFO\ARC040.NIT
->2462  6-20-88  10:48a       80 C:\WABAMUN\SAREA\INFO\ARC040.DAT
->2463  6-20-88  10:48a      432 C:\WABAMUN\SAREA\INFO\ARC041.NIT
->2464  6-20-88  10:48a       80 C:\WABAMUN\SAREA\INFO\ARC041.DAT
->2465  6-20-88  11:07a      864 C:\WABAMUN\SAREA\INFO\ARC042.NIT
->2466  6-20-88  11:07a       80 C:\WABAMUN\SAREA\INFO\ARC042.DAT
->2467  6-20-88  11:08a      576 C:\WABAMUN\SAREA\INFO\ARC043.NIT
->2468  6-20-88  11:08a       80 C:\WABAMUN\SAREA\INFO\ARC043.DAT
->2469  6-20-88  11:08a      432 C:\WABAMUN\SAREA\INFO\ARC044.NIT
->2470  6-20-88  11:08a       80 C:\WABAMUN\SAREA\INFO\ARC044.DAT
->2471  6-20-88  11:25a      864 C:\WABAMUN\SAREA\INFO\ARC045.NIT
->2472  6-20-88  11:25a       80 C:\WABAMUN\SAREA\INFO\ARC045.DAT
->2473  6-20-88  11:25a      576 C:\WABAMUN\SAREA\INFO\ARC046.NIT
->2474  6-20-88  11:25a       80 C:\WABAMUN\SAREA\INFO\ARC046.DAT
->2475  6-20-88  11:25a      432 C:\WABAMUN\SAREA\INFO\ARC047.NIT
->2476  6-20-88  11:25a       80 C:\WABAMUN\SAREA\INFO\ARC047.DAT
->2477  6-22-88   9:22a      720 C:\WABAMUN\SAREA\INFO\ARC139.NIT
->2478  6-22-88   9:22a       80 C:\WABAMUN\SAREA\INFO\ARC139.DAT
->2479  9-30-88  11:33a      432 C:\WABAMUN\SAREA\INFO\ARC134.NIT
->2480  9-30-88  11:33a       80 C:\WABAMUN\SAREA\INFO\ARC134.DAT
->2481  9-30-88  11:33a      576 C:\WABAMUN\SAREA\INFO\ARC133.NIT
->2482  9-30-88  11:33a       80 C:\WABAMUN\SAREA\INFO\ARC133.DAT
->2483 10-04-88  10:06a     1008 C:\WABAMUN\SAREA\INFO\ARC126.NIT
->2484 10-04-88  10:06a       80 C:\WABAMUN\SAREA\INFO\ARC126.DAT
->2485 10-04-88  10:06a      576 C:\WABAMUN\SAREA\INFO\ARC121.NIT
->2486 10-04-88  10:06a       80 C:\WABAMUN\SAREA\INFO\ARC121.DAT
->2487 10-04-88   9:54a      432 C:\WABAMUN\SAREA\INFO\ARC120.NIT
->2488 10-04-88  10:06a       80 C:\WABAMUN\SAREA\INFO\ARC120.DAT
->2489 10-04-88   9:54a      576 C:\WABAMUN\SAREA\INFO\ARC119.NIT
->2490 10-04-88  10:06a       80 C:\WABAMUN\SAREA\INFO\ARC119.DAT
->2491  6-02-88   8:51a       48 C:\WABAMUN\SAREA\BND\TIC
->2492  6-02-88   9:10a     2660 C:\WABAMUN\SAREA\BND\AAT
->2493  6-02-88  10:33a      343 C:\WABAMUN\SAREA\BND\LOG
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->2494   6-02-88   9:02a        24 C:\WABAMUN\SAREA\BND\TOL
->2495   6-02-88   9:10a       512 C:\WABAMUN\SAREA\BND\LAB
->2496   6-02-88   9:10a       380 C:\WABAMUN\SAREA\BND\NRF
->2497   6-02-88   9:10a       512 C:\WABAMUN\SAREA\BND\CNT
->2498   9-30-88   1:59p      5120 C:\WABAMUN\SAREA\BND\ARC
->2499   9-30-88   1:59p      1280 C:\WABAMUN\SAREA\BND\ARX
->2500   6-02-88   9:10a       512 C:\WABAMUN\SAREA\BND\CNX
->2501   6-02-88   9:10a        32 C:\WABAMUN\SAREA\BND\PAT
->2502   6-02-88   9:10a      2816 C:\WABAMUN\SAREA\BND\PAL
->2503   6-02-88   9:10a       512 C:\WABAMUN\SAREA\BND\PAX
->2504   6-02-88   9:10a        16 C:\WABAMUN\SAREA\BND\BND
->2505   6-02-88  10:35a        16 C:\WABAMUN\SAREA\RIV\BND
->2506   3-03-88  11:24a        48 C:\WABAMUN\SAREA\RIV\TIC
->2507   6-02-88  10:34a        12 C:\WABAMUN\SAREA\RIV\TOL
->2508   6-02-88  10:35a       488 C:\WABAMUN\SAREA\RIV\LOG
->2509   3-03-89   4:03p     21504 C:\WABAMUN\SAREA\RIV\ARC
->2510   6-02-88  10:35a      5312 C:\WABAMUN\SAREA\RIV\AAT
->2511   3-03-89   4:03p      1792 C:\WABAMUN\SAREA\RIV\ARX
->2512   6-02-88  10:35a       760 C:\WABAMUN\SAREA\RIV\NRF
->2513   6-02-88  10:36a        16 C:\WABAMUN\SAREA\LAK\BND
->2514   3-03-88   9:57a        48 C:\WABAMUN\SAREA\LAK\TIC
->2515   6-02-88  10:36a        12 C:\WABAMUN\SAREA\LAK\TOL
->2516   6-02-88  10:37a       630 C:\WABAMUN\SAREA\LAK\LOG
->2517   3-03-89   4:03p      9216 C:\WABAMUN\SAREA\LAK\ARC
->2518   6-02-88  10:36a      1696 C:\WABAMUN\SAREA\LAK\AAT
->2519   3-03-89   4:03p      1024 C:\WABAMUN\SAREA\LAK\ARX
->2520   6-02-88  10:36a       240 C:\WABAMUN\SAREA\LAK\NRF
->2521   6-02-88  10:38a        16 C:\WABAMUN\SAREA\HWY\BND
->2522   3-03-88  11:10a        48 C:\WABAMUN\SAREA\HWY\TIC
->2523   6-02-88  10:37a        12 C:\WABAMUN\SAREA\HWY\TOL
->2524   6-02-88  10:39a       546 C:\WABAMUN\SAREA\HWY\LOG
->2525   2-06-89   8:37a     25600 C:\WABAMUN\SAREA\HWY\ARC
->2526   6-02-88  10:38a     14784 C:\WABAMUN\SAREA\HWY\AAT
->2527   2-06-89   8:37a      4096 C:\WABAMUN\SAREA\HWY\ARX
->2528   6-02-88  10:38a      1732 C:\WABAMUN\SAREA\HWY\NRF
->2529   6-02-88  10:40a        16 C:\WABAMUN\SAREA\SET\BND
->2530   3-03-88   9:38a        48 C:\WABAMUN\SAREA\SET\TIC
->2531   6-02-88  10:39a        12 C:\WABAMUN\SAREA\SET\TOL
->2532   6-02-88  10:40a       761 C:\WABAMUN\SAREA\SET\LOG
->2533   7-11-88   4:13p     14336 C:\WABAMUN\SAREA\SET\ARC
->2534   6-02-88  10:40a       768 C:\WABAMUN\SAREA\SET\AAT
->2535   7-11-88   4:13p       768 C:\WABAMUN\SAREA\SET\ARX
->2536   6-02-88  10:40a       108 C:\WABAMUN\SAREA\SET\NRF
->2537   6-02-88  10:41a        16 C:\WABAMUN\SAREA\MDB\BND
->2538   3-03-88  10:54a        48 C:\WABAMUN\SAREA\MDB\TIC
->2539   6-02-88  10:41a        12 C:\WABAMUN\SAREA\MDB\TOL
->2540   6-02-88  10:42a       655 C:\WABAMUN\SAREA\MDB\LOG
->2541   9-16-88   3:30p      1536 C:\WABAMUN\SAREA\MDB\ARC
->2542   6-02-88  10:41a       224 C:\WABAMUN\SAREA\MDB\AAT
->2543   9-16-88   3:30p       512 C:\WABAMUN\SAREA\MDB\ARX
->2544   6-02-88  10:41a        36 C:\WABAMUN\SAREA\MDB\NRF
->2545   5-12-88   3:48p        48 C:\WABAMUN\SAREA\MINED\TIC
->2546   6-22-88   9:24a       252 C:\WABAMUN\SAREA\MINED\AAT
->2547   6-22-88   9:25a       488 C:\WABAMUN\SAREA\MINED\LOG
->2548   6-13-88   1:18p        24 C:\WABAMUN\SAREA\MINED\TOL
->2549   6-21-88   2:45p       512 C:\WABAMUN\SAREA\MINED\TXT
->2550   6-21-88   2:45p       512 C:\WABAMUN\SAREA\MINED\TXX
->2551   6-22-88   9:21a      1024 C:\WABAMUN\SAREA\MINED\LAB
->2552   6-22-88   9:21a        36 C:\WABAMUN\SAREA\MINED\NRF
->2553   6-22-88   9:21a       768 C:\WABAMUN\SAREA\MINED\CNT
->2554   1-17-89   3:38p      3584 C:\WABAMUN\SAREA\MINED\ARC
->2555   1-17-89   3:38p       512 C:\WABAMUN\SAREA\MINED\ARX
->2556   6-22-88   9:21a       512 C:\WABAMUN\SAREA\MINED\CNX
->2557   6-22-88   9:21a       160 C:\WABAMUN\SAREA\MINED\PAT
->2558   1-17-89   3:38p      1024 C:\WABAMUN\SAREA\MINED\PAL
->2559   1-17-89   3:38p       512 C:\WABAMUN\SAREA\MINED\PAX
->2560   6-22-88   9:21a        16 C:\WABAMUN\SAREA\MINED\BND
->2561   6-14-88   1:29p        16 C:\WABAMUN\SAREA\STAT\BND
->2562   4-07-88   8:32a        48 C:\WABAMUN\SAREA\STAT\TIC
->2563   6-14-88   1:30p       486 C:\WABAMUN\SAREA\STAT\LOG
->2564   6-14-88   8:03a       512 C:\WABAMUN\SAREA\STAT\TXT
->2565   6-14-88   8:03a       512 C:\WABAMUN\SAREA\STAT\TXX
->2566   6-14-88   1:29p      4272 C:\WABAMUN\SAREA\STAT\PRF
->2567   6-14-88   1:35p     13350 C:\WABAMUN\SAREA\STAT\PAT
->2568   6-14-88  10:29a         0 C:\WABAMUN\SAREA\STAT\AAT
->2569   3-03-89   3:24p      8960 C:\WABAMUN\SAREA\STAT\LAB
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->2570  5-12-88   3:42p        48 C:\WABAMUN\SAREA\LIC\TIC
->2571  6-22-88   9:24a       224 C:\WABAMUN\SAREA\LIC\AAT
->2572  6-22-88   9:24a       821 C:\WABAMUN\SAREA\LIC\LOG
->2573  6-13-88   1:23p        24 C:\WABAMUN\SAREA\LIC\TOL
->2574  6-21-88   2:55p       512 C:\WABAMUN\SAREA\LIC\TXT
->2575  6-21-88   2:55p       512 C:\WABAMUN\SAREA\LIC\TXX
->2576  6-22-88   9:23a       768 C:\WABAMUN\SAREA\LIC\LAB
->2577  6-22-88   9:23a        28 C:\WABAMUN\SAREA\LIC\NRF
->2578  6-22-88   9:23a       768 C:\WABAMUN\SAREA\LIC\CNT
->2579  2-08-89   2:30p      1792 C:\WABAMUN\SAREA\LIC\ARC
->2580  2-08-89   2:30p       512 C:\WABAMUN\SAREA\LIC\ARX
->2581  6-22-88   9:23a       512 C:\WABAMUN\SAREA\LIC\CNX
->2582  6-22-88   9:23a       128 C:\WABAMUN\SAREA\LIC\PRF
->2583  2-08-89   2:30p      1024 C:\WABAMUN\SAREA\LIC\PAL
->2584  2-08-89   2:30p       512 C:\WABAMUN\SAREA\LIC\PAX
->2585  6-22-88   9:23a        16 C:\WABAMUN\SAREA\LIC\BND
->2586  6-22-88   9:23a       176 C:\WABAMUN\SAREA\LIC\PAT
->2587  5-12-88   3:50p        48 C:\WABAMUN\SAREA\PERM\TIC
->2588  6-22-88   9:24a       112 C:\WABAMUN\SAREA\PERM\AAT
->2589  6-22-88   9:25a       878 C:\WABAMUN\SAREA\PERM\LOG
->2590  6-13-88   1:26p        24 C:\WABAMUN\SAREA\PERM\TOL
->2591  6-21-88   2:50p       512 C:\WABAMUN\SAREA\PERM\TXT
->2592  6-21-88   2:50p       512 C:\WABAMUN\SAREA\PERM\TXX
->2593  6-22-88   9:22a       512 C:\WABAMUN\SAREA\PERM\LAB
->2594  6-22-88   9:22a        16 C:\WABAMUN\SAREA\PERM\NRF
->2595  6-22-88   9:22a       512 C:\WABAMUN\SAREA\PERM\CNT
->2596  2-06-89   8:43a      2048 C:\WABAMUN\SAREA\PERM\ARC
->2597  2-06-89   8:43a       512 C:\WABAMUN\SAREA\PERM\ARX
->2598  6-22-88   9:22a       512 C:\WABAMUN\SAREA\PERM\CNX
->2599  6-22-88   9:22a        80 C:\WABAMUN\SAREA\PERM\PRF
->2600  2-06-89   8:43a       768 C:\WABAMUN\SAREA\PERM\PAL
->2601  2-06-89   8:43a       512 C:\WABAMUN\SAREA\PERM\PAX
->2602  6-22-88   9:22a        16 C:\WABAMUN\SAREA\PERM\BND
->2603  6-22-88   9:22a       120 C:\WABAMUN\SAREA\PERM\PAT
->2604  6-20-88   9:50a        16 C:\WABAMUN\SAREA\UNDER\BND
->2605  6-20-88   9:54a       182 C:\WABAMUN\SAREA\UNDER\PAT
->2606  5-12-88   4:35p        48 C:\WABAMUN\SAREA\UNDER\TIC
->2607  6-20-88  10:48a       519 C:\WABAMUN\SAREA\UNDER\LOG
->2608  6-21-88   2:57p      1280 C:\WABAMUN\SAREA\UNDER\TXT
->2609  6-21-88   2:57p       512 C:\WABAMUN\SAREA\UNDER\TXX
->2610  6-20-88   9:50a       112 C:\WABAMUN\SAREA\UNDER\PRF
->2611  2-06-89   8:59a       768 C:\WABAMUN\SAREA\UNDER\LAB
->2612  6-20-88  11:02a        16 C:\WABAMUN\SAREA\UNCERT\BND
->2613  5-12-88   4:36p        48 C:\WABAMUN\SAREA\UNCERT\TIC
->2614  6-20-88  11:08a       599 C:\WABAMUN\SAREA\UNCERT\LOG
->2615  6-21-88   3:01p       512 C:\WABAMUN\SAREA\UNCERT\TXT
->2616  6-20-88  11:02a       176 C:\WABAMUN\SAREA\UNCERT\PRF
->2617  6-21-88   3:01p       512 C:\WABAMUN\SAREA\UNCERT\TXX
->2618  6-20-88  11:07a       264 C:\WABAMUN\SAREA\UNCERT\PAT
->2619  9-30-88  11:04a       768 C:\WABAMUN\SAREA\UNCERT\LAB
->2620  6-20-88  11:24a       208 C:\WABAMUN\SAREA\SURF\PAT
->2621  6-20-88  11:24a        16 C:\WABAMUN\SAREA\SURF\BND
->2622  5-12-88   4:33p        48 C:\WABAMUN\SAREA\SURF\TIC
->2623  6-20-88  11:25a       552 C:\WABAMUN\SAREA\SURF\LOG
->2624  6-21-88   2:58p       512 C:\WABAMUN\SAREA\SURF\TXT
->2625  6-21-88   2:58p       512 C:\WABAMUN\SAREA\SURF\TXX
->2626  6-20-88  11:24a       128 C:\WABAMUN\SAREA\SURF\PRF
->2627  3-03-89   3:23p       768 C:\WABAMUN\SAREA\SURF\LAB
->2628  3-03-89   4:03p      1792 C:\WABAMUN\SAREA\TWPS\ARC
->2629 10-04-88  10:00a        48 C:\WABAMUN\SAREA\TWPS\TIC
->2630 10-04-88  10:06a       266 C:\WABAMUN\SAREA\TWPS\LOG
->2631 10-04-88   9:52a        24 C:\WABAMUN\SAREA\TWPS\TOL
->2632 10-04-88  10:00a       512 C:\WABAMUN\SAREA\TWPS\LAB
->2633 10-04-88   9:52a       108 C:\WABAMUN\SAREA\TWPS\NRF
->2634 10-04-88  10:00a       768 C:\WABAMUN\SAREA\TWPS\CNT
->2635 10-04-88  10:03a       768 C:\WABAMUN\SAREA\TWPS\MSK
->2636 10-04-88  10:03a        16 C:\WABAMUN\SAREA\TWPS\BND
->2637 10-04-88  10:00a       512 C:\WABAMUN\SAREA\TWPS\CNX
->2638 10-04-88  10:00a       176 C:\WABAMUN\SAREA\TWPS\PAT
->2639 10-04-88  10:03a      1536 C:\WABAMUN\SAREA\TWPS\PFF
->2640 10-04-88  10:00a       512 C:\WABAMUN\SAREA\TWPS\PFX
->2641  3-03-89   4:03p       768 C:\WABAMUN\SAREA\TWPS\ARX
->2642 10-04-88  10:03a       672 C:\WABAMUN\SAREA\TWPS\AAT
->2643  9-30-88  11:33a       114 C:\WABAMUN\SAREA\OILBUF\LOG
->2644  8-10-88  11:27p        48 C:\WABAMUN\SAREA\OILBUF\TIC
->2645  8-23-88   3:35p      4352 C:\WABAMUN\SAREA\OILBUF\LAB
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->2646  8-23-88  3:27p       12 C:\WABAMUN\SAREA\OILBUF\TOL
->2647  8-23-88  3:35p     3328 C:\WABAMUN\SAREA\OILBUF\CNT
->2648  8-23-88  3:35p     1536 C:\WABAMUN\SAREA\OILBUF\CNX
->2649  8-23-88  3:35p     2440 C:\WABAMUN\SAREA\OILBUF\PAT
->2650  3-03-89  2:45p    55296 C:\WABAMUN\SAREA\OILBUF\ARC
->2651  3-03-89  2:45p     1536 C:\WABAMUN\SAREA\OILBUF\ARX
->2652  3-03-89  2:45p     8192 C:\WABAMUN\SAREA\OILBUF\PAL
->2653  3-03-89  2:45p     1536 C:\WABAMUN\SAREA\OILBUF\PAX
->2654  8-23-88  3:35p       16 C:\WABAMUN\SAREA\OILBUF\BND
->2655  2-16-89  2:05p     7292 C:\WABAMUN\MINES\HIGHVA\LOG
->2656  3-03-89  4:26p    12052 C:\WABAMUN\MINES\HIGHVA\SEAM1.SML
->2657  8-24-88  9:35a      118 C:\WABAMUN\MINES\HIGHVA\ISO1.KEY
->2658  9-28-88 10:38a       56 C:\WABAMUN\MINES\HIGHVA\PRINTER.SML
->2659 10-04-88 11:28a      187 C:\WABAMUN\MINES\HIGHVA\ISO2.KEY
->2660  3-03-89  4:31p    11690 C:\WABAMUN\MINES\HIGHVA\SEAM6.SML
->2661 10-03-88  2:51p    11732 C:\WABAMUN\MINES\HIGHVA\ROLLOUT.TMP
->2662 10-17-88  2:33p      301 C:\WABAMUN\MINES\HIGHVA\SEAM.KEY
->2663  8-25-88 11:44a      465 C:\WABAMUN\MINES\HIGHVA\STRAT.KEY
->2664  3-03-89  1:32p    12043 C:\WABAMUN\MINES\HIGHVA\SEAM1.~SM
->2665  3-03-89  4:29p    11689 C:\WABAMUN\MINES\HIGHVA\SEAM4.SML
->2666  3-03-89  1:34p    11683 C:\WABAMUN\MINES\HIGHVA\SEAM3.~SM
->2667  3-03-89  1:56p     7341 C:\WABAMUN\MINES\HIGHVA\MANUAL.~SM
->2668  3-03-89  1:35p    11680 C:\WABAMUN\MINES\HIGHVA\SEAM4.~SM
->2669  3-03-89  4:28p    11692 C:\WABAMUN\MINES\HIGHVA\SEAM3.SML
->2670  3-03-89  1:45p    11681 C:\WABAMUN\MINES\HIGHVA\SEAM6.~SM
->2671  3-03-89  1:50p    18708 C:\WABAMUN\MINES\HIGHVA\HV2.~SM
->2672  3-03-89  4:21p    18717 C:\WABAMUN\MINES\HIGHVA\HV2.SML
->2673  3-03-89  4:31p    11691 C:\WABAMUN\MINES\HIGHVA\SEAM5.SML
->2674  3-03-89  1:33p    11770 C:\WABAMUN\MINES\HIGHVA\SEAM2.~SM
->2675  3-03-89  4:27p    11779 C:\WABAMUN\MINES\HIGHVA\SEAM2.SML
->2676  3-03-89  1:44p    11682 C:\WABAMUN\MINES\HIGHVA\SEAM5.~SM
->2677  3-03-89  3:32p        0 C:\WABAMUN\MINES\HIGHVA\T$0000
->2678  3-03-89  3:32p        0 C:\WABAMUN\MINES\HIGHVA\T$0000X
->2679  3-03-89  4:13p     7350 C:\WABAMUN\MINES\HIGHVA\MANUAL.SML
->2680  4-07-88  4:14p       48 C:\WABAMUN\MINES\HIGHVA\HV.PNT\TIC
->2681  4-10-88  1:39p       16 C:\WABAMUN\MINES\HIGHVA\HV.PNT\BND
->2682  6-13-88 11:29a      192 C:\WABAMUN\MINES\HIGHVA\HV.PNT\LOG
->2683  4-10-88  1:39p      512 C:\WABAMUN\MINES\HIGHVA\HV.PNT\ARC
->2684  4-10-88  1:39p      512 C:\WABAMUN\MINES\HIGHVA\HV.PNT\ARX
->2685  4-07-88  4:27p      512 C:\WABAMUN\MINES\HIGHVA\HV.PNT\TXT
->2686  4-07-88  4:27p      512 C:\WABAMUN\MINES\HIGHVA\HV.PNT\TXX
->2687  4-10-88  1:39p     5040 C:\WABAMUN\MINES\HIGHVA\HV.PNT\PAT
->2688  7-15-88  2:55p    10496 C:\WABAMUN\MINES\HIGHVA\HV.PNT\LAB
->2689  2-09-89  4:04p    33440 C:\WABAMUN\MINES\HIGHVA\INFO\ARC.DR9
->2690  6-13-88 11:29a      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC030.NIT
->2691  6-13-88 11:29a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC030.DAT
->2692  6-13-88 11:29a      432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC029.NIT
->2693  6-13-88 11:29a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC029.DAT
->2694  6-13-88 11:29a      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC028.NIT
->2695  6-13-88 11:29a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC028.DAT
->2696  6-14-88  1:24p      432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC027.NIT
->2697  6-22-88  8:32a     1008 C:\WABAMUN\MINES\HIGHVA\INFO\ARC026.NIT
->2698  6-14-88  1:24p       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC027.DAT
->2699  6-22-88  8:32a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC026.DAT
->2700  6-14-88  1:24p      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC025.NIT
->2701  6-14-88  1:24p       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC025.DAT
->2702  6-14-88  1:24p     1008 C:\WABAMUN\MINES\HIGHVA\INFO\ARC024.NIT
->2703  6-14-88  1:24p       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC024.DAT
->2704  6-22-88  8:32a      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC023.NIT
->2705  6-22-88  8:32a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC023.DAT
->2706  6-22-88  8:32a      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC022.NIT
->2707  6-22-88  8:32a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC022.DAT
->2708  6-22-88  8:32a      432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC021.NIT
->2709  6-22-88  8:32a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC021.DAT
->2710  6-22-88  8:50a     1008 C:\WABAMUN\MINES\HIGHVA\INFO\ARC020.NIT
->2711  6-22-88  8:50a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC020.DAT
->2712  6-22-88  8:50a      720 C:\WABAMUN\MINES\HIGHVA\INFO\ARC019.NIT
->2713  6-22-88  8:50a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC019.DAT
->2714  6-22-88  8:50a      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC018.NIT
->2715  6-22-88  8:50a       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC018.DAT
->2716  6-22-88  8:50a      432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC013.NIT
->2717  6-22-88  8:50a       80 C.\WABAMUN\MINES\HIGHVA\INFO\ARC013.DAT
->2718  6-07-88  2:06p      432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC032.NIT
->2719  6-07-88  2:18p       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC032.DAT
->2720  6-07-88  2:06p      576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC031.NIT
->2721  6-07-88  2:18p       80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC031.DAT
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->2722	6-07-88	2:18p	1008	C:\WABAMUN\MINES\HIGHVA\INFO\ARC017.NIT	->2760	6-07-88	1:59p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC035.NI
->2723	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC017.DAT	->2761	6-07-88	1:59p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC035.DA
->2724	6-07-88	2:18p	1296	C:\WABAMUN\MINES\HIGHVA\INFO\ARC016.NIT	->2762	6-07-88	1:59p	1008	C:\WABAMUN\MINES\HIGHVA\INFO\ARC036.NI
->2725	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC016.DAT	->2763	6-07-88	1:59p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC036.DA
->2726	6-22-88	9:09a	1008	C:\WABAMUN\MINES\HIGHVA\INFO\ARC012.NIT	->2764	6-07-88	2:18p	1008	C:\WABAMUN\MINES\HIGHVA\INFO\ARC037.NI
->2727	6-22-88	9:09a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC012.DAT	->2765	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC037.DA
->2728	6-22-88	9:09a	720	C:\WABAMUN\MINES\HIGHVA\INFO\ARC011.NIT	->2766	6-07-88	2:18p	1296	C:\WABAMUN\MINES\HIGHVA\INFO\ARC038.NI
->2729	6-22-88	9:09a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC011.DAT	->2767	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC038.DA
->2730	6-22-88	9:09a	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC010.NIT	->2768	6-07-88	2:13p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC039.NI
->2731	6-22-88	9:09a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC010.DAT	->2769	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC039.DA
->2732	6-22-88	9:09a	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC009.NIT	->2770	6-07-88	2:13p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC040.NI
->2733	6-22-88	9:09a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC009.DAT	->2771	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC040.DA
->2734	6-22-88	9:12a	864	C:\WABAMUN\MINES\HIGHVA\INFO\ARC008.NIT	->2772	6-07-88	2:18p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC041.NI
->2735	6-22-88	9:12a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC008.DAT	->2773	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC041.DA
->2736	6-22-88	9:12a	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC007.NIT	->2774	6-07-88	2:18p	1152	C:\WABAMUN\MINES\HIGHVA\INFO\ARC042.NI
->2737	6-22-88	9:12a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC007.DAT	->2775	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC042.DA
->2738	6-22-88	9:12a	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC006.NIT	->2776	6-07-88	2:14p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC043.NI
->2739	6-22-88	9:12a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC006.DAT	->2777	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC043.DA
->2740	6-22-88	9:13a	864	C:\WABAMUN\MINES\HIGHVA\INFO\ARC005.NIT	->2778	6-07-88	2:14p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC044.NI
->2741	6-22-88	9:13a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC005.DAT	->2779	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC044.DA
->2742	6-22-88	9:13a	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC004.NIT	->2780	6-07-88	2:19p	1152	C:\WABAMUN\MINES\HIGHVA\INFO\ARC045.NI
->2743	6-22-88	9:13a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC004.DAT	->2781	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC045.DA
->2744	6-22-88	9:13a	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC003.NIT	->2782	6-07-88	2:15p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC046.NI
->2745	6-22-88	9:13a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC003.DAT	->2783	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC046.DA
->2746	6-22-88	9:15a	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC002.NIT	->2784	6-07-88	2:15p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC047.NI
->2747	6-22-88	9:15a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC002.DAT	->2785	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC047.DA
->2748	6-22-88	9:15a	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC001.NIT	->2786	6-07-88	2:19p	1152	C:\WABAMUN\MINES\HIGHVA\INFO\ARC048.NI
->2749	6-22-88	9:15a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC001.DAT	->2787	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC048.DA
->2750	6-22-88	9:16a	864	C:\WABAMUN\MINES\HIGHVA\INFO\ARC000.NIT	->2788	6-07-88	2:15p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC049.NI
->2751	6-22-88	9:16a	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC000.DAT	->2789	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC049.DA
->2752	6-07-88	2:12p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC015.NIT	->2790	6-07-88	2:15p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC050.NI
->2753	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC015.DAT	->2791	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC050.DA
->2754	6-07-88	2:12p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC014.NIT	->2792	6-07-88	2:19p	1152	C:\WABAMUN\MINES\HIGHVA\INFO\ARC051.NI
->2755	6-07-88	2:18p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC014.DAT	->2793	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC051.DA
->2756	6-07-88	1:58p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC033.NIT	->2794	6-07-88	2:16p	432	C:\WABAMUN\MINES\HIGHVA\INFO\ARC052.NI
->2757	6-07-88	1:59p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC033.DAT	->2795	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC052.DAT
->2758	6-07-88	1:59p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC034.NIT	->2796	6-07-88	2:16p	576	C:\WABAMUN\MINES\HIGHVA\INFO\ARC053.NIT
->2759	6-07-88	1:59p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC034.DAT	->2797	6-07-88	2:19p	80	C:\WABAMUN\MINES\HIGHVA\INFO\ARC053.DAT

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->2798  6-07-88  2:19p      1152 C:\WABAMUN\MINES\HIGHVA\INFO\ARC054.NIT
->2799  6-07-88  2:19p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC054.DAT
->2800  6-07-88  2:16p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC055.NIT
->2801  6-07-88  2:19p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC055.DAT
->2802  6-07-88  2:16p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC056.NIT
->2803  6-07-88  2:19p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC056.DAT
->2804  6-07-88  2:19p      1152 C:\WABAMUN\MINES\HIGHVA\INFO\ARC057.NIT
->2805  6-07-88  2:19p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC057.DAT
->2806 10-04-88  5:03p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC058.NIT
->2807 10-04-88  5:03p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC058.DAT
->2808 10-04-88  5:03p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC059.NIT
->2809 10-04-88  5:03p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC059.DAT
->2810 10-04-88  5:03p      1008 C:\WABAMUN\MINES\HIGHVA\INFO\ARC060.NIT
->2811 10-04-88  5:03p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC060.DAT
->2812 10-04-88  5:05p      3600 C:\WABAMUN\MINES\HIGHVA\INFO\ARC061.NIT
->2813 10-04-88  5:05p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC061.DAT
->2814 10-04-88  5:05p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC062.NIT
->2815 10-04-88  5:05p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC062.DAT
->2816 10-04-88  5:05p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC063.NIT
->2817 10-04-88  5:05p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC063.DAT
->2818 10-04-88  5:05p      4032 C:\WABAMUN\MINES\HIGHVA\INFO\ARC064.NIT
->2819 10-04-88  5:05p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC064.DAT
->2820 10-04-88  5:05p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC065.NIT
->2821 10-04-88  5:05p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC065.DAT
->2822 10-04-88  5:05p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC066.NIT
->2823 10-04-88  5:05p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC066.DAT
->2824 10-04-88  5:06p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC067.NIT
->2825 10-04-88  5:06p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC067.DAT
->2826 10-04-88  5:06p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC068.NIT
->2827 10-04-88  5:06p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC068.DAT
->2828 10-04-88  5:06p      2736 C:\WABAMUN\MINES\HIGHVA\INFO\ARC069.NIT
->2829 10-04-88  5:06p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC069.DAT
->2830 10-04-88  5:07p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC070.NIT
->2831 10-04-88  5:07p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC070.DAT
->2832 10-04-88  5:07p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC071.NIT
->2833 10-04-88  5:07p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC071.DAT
->2834 10-04-88  5:07p      2736 C:\WABAMUN\MINES\HIGHVA\INFO\ARC072.NIT
->2835 10-04-88  5:07p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC072.DAT
->2836 10-04-88  5:07p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC073.NIT
->2837 10-04-88  5:07p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC073.DAT
->2838 10-04-88  5:07p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC074.NIT
->2839 10-04-88  5:07p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC074.DAT
->2840 10-04-88  5:07p      2736 C:\WABAMUN\MINES\HIGHVA\INFO\ARC075.NIT
->2841 10-04-88  5:07p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC075.DAT
->2842 10-04-88  5:08p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC076.NIT
->2843 10-04-88  5:08p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC076.DAT
->2844 10-04-88  5:08p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC077.NIT
->2845 10-04-88  5:08p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC077.DAT
->2846 10-04-88  5:08p      2736 C:\WABAMUN\MINES\HIGHVA\INFO\ARC078.NIT
->2847 10-04-88  5:08p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC078.DAT
->2848 10-04-88  5:08p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC079.NIT
->2849 10-04-88  5:08p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC079.DAT
->2850 10-04-88  5:09p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC080.NIT
->2851 10-04-88  5:09p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC080.DAT
->2852 10-04-88  5:09p      2736 C:\WABAMUN\MINES\HIGHVA\INFO\ARC081.NIT
->2853 10-04-88  5:09p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC081.DAT
->2854 10-04-88  5:09p       576 C:\WABAMUN\MINES\HIGHVA\INFO\ARC082.NIT
->2855 10-04-88  5:09p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC082.DAT
->2856 10-04-88  5:09p       432 C:\WABAMUN\MINES\HIGHVA\INFO\ARC083.NIT
->2857 10-04-88  5:09p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC083.DAT
->2858 10-04-88  5:09p      1008 C:\WABAMUN\MINES\HIGHVA\INFO\ARC084.NIT
->2859 10-04-88  5:09p        80 C:\WABAMUN\MINES\HIGHVA\INFO\ARC084.DAT
->2860  5-12-88  3:48p        48 C:\WABAMUN\MINES\HIGHVA\MINED\TIC
->2861  6-22-88  8:31a       196 C:\WABAMUN\MINES\HIGHVA\MINED\AAT
->2862  6-22-88  8:32a       586 C:\WABAMUN\MINES\HIGHVA\MINED\LOG
->2863  6-21-88  2:44p        24 C:\WABAMUN\MINES\HIGHVA\MINED\TOL
->2864  6-21-88  2:45p       512 C:\WABAMUN\MINES\HIGHVA\MINED\TXT
->2865  6-21-88  2:45p       512 C:\WABAMUN\MINES\HIGHVA\MINED\TXX
->2866  6-22-88  8:30a       768 C:\WABAMUN\MINES\HIGHVA\MINED\LAB
->2867  6-22-88  8:30a        24 C:\WABAMUN\MINES\HIGHVA\MINED\NRF
->2868  6-22-88  8:30a       768 C:\WABAMUN\MINES\HIGHVA\MINED\CNT
->2869  2-08-89  8:55a      1792 C:\WABAMUN\MINES\HIGHVA\MINED\ARC
->2870  2-08-89  8:55a       512 C:\WABAMUN\MINES\HIGHVA\MINED\ARX
->2871  6-22-88  8:30a       512 C:\WABAMUN\MINES\HIGHVA\MINED\CNX
->2872  6-22-88  8:30a       112 C:\WABAMUN\MINES\HIGHVA\MINED\PAT
->2873  2-08-89  8:55a      1024 C:\WABAMUN\MINES\HIGHVA\MINED\PAL
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->2874   2-08-89   8:55a       512 C:\WABAMUN\MINES\HIGHVA\MINED\PAX
->2875   6-22-88   8:30a        16 C:\WABAMUN\MINES\HIGHVA\MINED\BND
->2876   5-12-88   3:50p        48 C:\WABAMUN\MINES\HIGHVA\PERM\TIC
->2877   6-22-88   8:40a        28 C:\WABAMUN\MINES\HIGHVA\PERM\AAT
->2878   6-22-88   8:50a       942 C:\WABAMUN\MINES\HIGHVA\PERM\LOG
->2879   6-21-88   2:48p        24 C:\WABAMUN\MINES\HIGHVA\PERM\TOL
->2880   6-21-88   2:49p       512 C:\WABAMUN\MINES\HIGHVA\PERM\TXT
->2881   6-21-88   2:49p       512 C:\WABAMUN\MINES\HIGHVA\PERM\TXX
->2882   6-22-88   8:40a       512 C:\WABAMUN\MINES\HIGHVA\PERM\LAB
->2883   6-22-88   8:40a         4 C:\WABAMUN\MINES\HIGHVA\PERM\NRF
->2884   6-22-88   8:40a       512 C:\WABAMUN\MINES\HIGHVA\PERM\CNT
->2885  11-23-88   8:54a      1536 C:\WABAMUN\MINES\HIGHVA\PERM\ARC
->2886  11-23-88   8:54a       512 C:\WABAMUN\MINES\HIGHVA\PERM\ARX
->2887   6-22-88   8:40a       512 C:\WABAMUN\MINES\HIGHVA\PERM\CNX
->2888   6-22-88   8:40a        32 C:\WABAMUN\MINES\HIGHVA\PERM\PRF
->2889  11-23-88   8:54a       512 C:\WABAMUN\MINES\HIGHVA\PERM\PAL
->2890  11-23-88   8:54a       512 C:\WABAMUN\MINES\HIGHVA\PERM\PAX
->2891   6-22-88   8:40a        16 C:\WABAMUN\MINES\HIGHVA\PERM\BND
->2892   6-22-88   8:40a        48 C:\WABAMUN\MINES\HIGHVA\PERM\PAT
->2893   6-14-88   1:24p        16 C:\WABAMUN\MINES\HIGHVA\STAT\BND
->2894   4-07-88   8:32a        48 C:\WABAMUN\MINES\HIGHVA\STAT\TIC
->2895   6-14-88   1:24p       589 C:\WABAMUN\MINES\HIGHVA\STAT\LOG
->2896   6-14-88   1:28p      7700 C:\WABAMUN\MINES\HIGHVA\STAT\PAT
->2897   6-14-88  10:34a       512 C:\WABAMUN\MINES\HIGHVA\STAT\TXT
->2898   6-14-88  10:34a       512 C:\WABAMUN\MINES\HIGHVA\STAT\TXX
->2899   6-14-88   1:24p      2464 C:\WABAMUN\MINES\HIGHVA\STAT\PRF
->2900   2-15-89  11:37a      5376 C:\WABAMUN\MINES\HIGHVA\STAT\LAB
->2901   5-12-88   3:42p        48 C:\WABAMUN\MINES\HIGHVA\LIC\TIC
->2902   6-22-88   9:05a       224 C:\WABAMUN\MINES\HIGHVA\LIC\AAT
->2903   6-22-88   9:09a       921 C:\WABAMUN\MINES\HIGHVA\LIC\LOG
->2904   6-21-88   2:54p        24 C:\WABAMUN\MINES\HIGHVA\LIC\TOL
->2905   6-21-88   2:54p       512 C:\WABAMUN\MINES\HIGHVA\LIC\TXT
->2906   6-21-88   2:54p       512 C:\WABAMUN\MINES\HIGHVA\LIC\TXX
->2907  10-28-88  11:35a       512 C:\WABAMUN\MINES\HIGHVA\LIC\LAB
->2908   6-22-88   9:02a        28 C:\WABAMUN\MINES\HIGHVA\LIC\NRF
->2909  11-17-88   1:05p       512 C:\WABAMUN\MINES\HIGHVA\LIC\CNT
->2910  11-17-88   1:07p      1792 C:\WABAMUN\MINES\HIGHVA\LIC\ARC
->2911  11-17-88   1:07p       512 C:\WABAMUN\MINES\HIGHVA\LIC\ARX
->2912  11-17-88   1:05p       512 C:\WABAMUN\MINES\HIGHVA\LIC\CNX
->2913   6-22-88   9:02a        80 C:\WABAMUN\MINES\HIGHVA\LIC\PRF
->2914  11-17-88   1:07p       768 C:\WABAMUN\MINES\HIGHVA\LIC\PAL
->2915  11-17-88   1:07p       512 C:\WABAMUN\MINES\HIGHVA\LIC\PAX
->2916   6-22-88   9:02a        16 C:\WABAMUN\MINES\HIGHVA\LIC\BND
->2917   6-22-88   9:02a       110 C:\WABAMUN\MINES\HIGHVA\LIC\PAT
->2918   6-21-88   2:57p        16 C:\WABAMUN\MINES\HIGHVA\UNDER\BND
->2919   5-12-88   4:35p        48 C:\WABAMUN\MINES\HIGHVA\UNDER\TIC
->2920   6-22-88   9:12a       627 C:\WABAMUN\MINES\HIGHVA\UNDER\LOG
->2921   2-08-89   9:01a       512 C:\WABAMUN\MINES\HIGHVA\UNDER\LAB
->2922   6-21-88   2:57p       768 C:\WABAMUN\MINES\HIGHVA\UNDER\TXT
->2923   6-21-88   2:56p        52 C:\WABAMUN\MINES\HIGHVA\UNDER\PAT
->2924   6-21-88   2:57p       512 C:\WABAMUN\MINES\HIGHVA\UNDER\TXX
->2925   6-21-88   2:58p        16 C:\WABAMUN\MINES\HIGHVA\SURF\BND
->2926   5-12-88   4:33p        48 C:\WABAMUN\MINES\HIGHVA\SURF\TIC
->2927   6-22-88   9:13a       656 C:\WABAMUN\MINES\HIGHVA\SURF\LOG
->2928   2-08-89   9:01a       512 C:\WABAMUN\MINES\HIGHVA\SURF\LAB
->2929   6-21-88   2:58p       512 C:\WABAMUN\MINES\HIGHVA\SURF\TXT
->2930   6-21-88   2:58p        78 C:\WABAMUN\MINES\HIGHVA\SURF\PAT
->2931   6-21-88   2:58p       512 C:\WABAMUN\MINES\HIGHVA\SURF\TXX
->2932   6-21-88   3:00p        16 C:\WABAMUN\MINES\HIGHVA\UNCERT\BND
->2933   5-12-88   4:36p        48 C:\WABAMUN\MINES\HIGHVA\UNCERT\TIC
->2934   6-22-88   9:16a       707 C:\WABAMUN\MINES\HIGHVA\UNCERT\LOG
->2935  10-04-88  10:52a       512 C:\WABAMUN\MINES\HIGHVA\UNCERT\LAB
->2936   6-21-88   3:00p       512 C:\WABAMUN\MINES\HIGHVA\UNCERT\TXT
->2937   6-21-88   3:00p        72 C:\WABAMUN\MINES\HIGHVA\UNCERT\PAT
->2938   6-21-88   3:00p       512 C:\WABAMUN\MINES\HIGHVA\UNCERT\TXX
->2939   6-07-88   2:07p        16 C:\WABAMUN\MINES\HIGHVA\ISO1\BND
->2940   3-17-88  11:32a        48 C:\WABAMUN\MINES\HIGHVA\ISO1\TIC
->2941   6-07-88   2:00p        24 C:\WABAMUN\MINES\HIGHVA\ISO1\TOL
->2942   6-08-88  11:01a      3948 C:\WABAMUN\MINES\HIGHVA\ISO1\LOG
->2943   6-07-88   2:07p      6656 C:\WABAMUN\MINES\HIGHVA\ISO1\LAB
->2944   6-07-88   2:06p      6984 C:\WABAMUN\MINES\HIGHVA\ISO1\PAT
->2945   6-07-88   2:06p      8960 C:\WABAMUN\MINES\HIGHVA\ISO1\CNT
->2946   6-07-88   2:05p      1060 C:\WABAMUN\MINES\HIGHVA\ISO1\NRF
->2947   6-08-88   8:32a     12120 C:\WABAMUN\MINES\HIGHVA\ISO1\AAT
->2948   6-07-88   2:06p      2048 C:\WABAMUN\MINES\HIGHVA\ISO1\CNX
->2949   6-08-88  10:33a      3584 C:\WABAMUN\MINES\HIGHVA\ISO1\TXT
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->2950  3-03-89   3:27p    83712 C:\WABAMUN\MINES\HIGHVA\ISO1\ARC
->2951  3-03-89   3:27p     2816 C:\WABAMUN\MINES\HIGHVA\ISO1\ARX
->2952  6-08-88  10:33a      768 C:\WABAMUN\MINES\HIGHVA\ISO1\TXX
->2953  3-03-89   3:27p    15104 C:\WABAMUN\MINES\HIGHVA\ISO1\PAL
->2954  3-03-89   3:27p     2048 C:\WABAMUN\MINES\HIGHVA\ISO1\PAX
->2955  6-07-88   2:12p       16 C:\WABAMUN\MINES\HIGHVA\ISO2\BND
->2956  3-14-88   2:37p       48 C:\WABAMUN\MINES\HIGHVA\ISO2\TIC
->2957  6-07-88   2:07p       24 C:\WABAMUN\MINES\HIGHVA\ISO2\TOL
->2958  6-29-88   1:39p     2520 C:\WABAMUN\MINES\HIGHVA\ISO2\LOG
->2959  6-07-88   2:12p     3840 C:\WABAMUN\MINES\HIGHVA\ISO2\LAB
->2960  6-07-88   2:12p     3924 C:\WABAMUN\MINES\HIGHVA\ISO2\PAT
->2961  6-07-88   2:12p     5376 C:\WABAMUN\MINES\HIGHVA\ISO2\CNT
->2962  6-07-88   2:11p      652 C:\WABAMUN\MINES\HIGHVA\ISO2\NRF
->2963  6-08-88  11:41a     7360 C:\WABAMUN\MINES\HIGHVA\ISO2\AAT
->2964  6-07-88   2:12p     1280 C:\WABAMUN\MINES\HIGHVA\ISO2\CNX
->2965  2-21-89  11:59a    67584 C:\WABAMUN\MINES\HIGHVA\ISO2\ARC
->2966  2-21-89  11:59a     2048 C:\WABAMUN\MINES\HIGHVA\ISO2\ARX
->2967  2-21-89  11:59a     8960 C:\WABAMUN\MINES\HIGHVA\ISO2\PAL
->2968  2-21-89  11:59a     1280 C:\WABAMUN\MINES\HIGHVA\ISO2\PAX
->2969  6-07-88   2:13p       16 C:\WABAMUN\MINES\HIGHVA\ATS\BND
->2970  3-03-88   2:28p       48 C:\WABAMUN\MINES\HIGHVA\ATS\TIC
->2971  6-07-88   2:12p       24 C:\WABAMUN\MINES\HIGHVA\ATS\TOL
->2972  6-07-88   2:18p     1322 C:\WABAMUN\MINES\HIGHVA\ATS\LOG
->2973  6-07-88   2:13p     3840 C:\WABAMUN\MINES\HIGHVA\ATS\LAB
->2974  6-07-88   2:13p     1728 C:\WABAMUN\MINES\HIGHVA\ATS\PAT
->2975  6-07-88   2:13p     5120 C:\WABAMUN\MINES\HIGHVA\ATS\CNT
->2976  6-07-88   2:13p      612 C:\WABAMUN\MINES\HIGHVA\ATS\NRF
->2977  6-08-88   1:18p     8288 C:\WABAMUN\MINES\HIGHVA\ATS\AAT
->2978  6-07-88   2:13p     1280 C:\WABAMUN\MINES\HIGHVA\ATS\CNX
->2979  3-03-89   3:32p    13568 C:\WABAMUN\MINES\HIGHVA\ATS\ARC
->2980  3-03-89   3:32p     2560 C:\WABAMUN\MINES\HIGHVA\ATS\ARX
->2981  3-03-89   3:32p     9728 C:\WABAMUN\MINES\HIGHVA\ATS\PAL
->2982  3-03-89   3:32p     1280 C:\WABAMUN\MINES\HIGHVA\ATS\PAX
->2983  6-07-88   2:14p       16 C:\WABAMUN\MINES\HIGHVA\RIV\BND
->2984  3-03-88  11:24a       48 C:\WABAMUN\MINES\HIGHVA\RIV\TIC
->2985  6-07-88   2:14p       12 C:\WABAMUN\MINES\HIGHVA\RIV\TOL
->2986  6-07-88   2:19p      658 C:\WABAMUN\MINES\HIGHVA\RIV\LOG
->2987  6-08-88   1:23p     7936 C:\WABAMUN\MINES\HIGHVA\RIV\ARC
->2988  6-07-88   2:14p     2144 C:\WABAMUN\MINES\HIGHVA\RIV\AAT
->2989  6-08-88   1:23p     1024 C:\WABAMUN\MINES\HIGHVA\RIV\ARX
->2990  6-07-88   2:14p      328 C:\WABAMUN\MINES\HIGHVA\RIV\NRF
->2991  6-07-88   2:15p       16 C:\WABAMUN\MINES\HIGHVA\LAK\BND
->2992  3-03-88   9:57a       48 C:\WABAMUN\MINES\HIGHVA\LAK\TIC
->2993  6-07-88   2:14p       12 C:\WABAMUN\MINES\HIGHVA\LAK\TOL
->2994  6-07-88   2:19p      800 C:\WABAMUN\MINES\HIGHVA\LAK\LOG
->2995  3-03-89   3:32p     3072 C:\WABAMUN\MINES\HIGHVA\LAK\ARC
->2996  6-07-88   2:15p      544 C:\WABAMUN\MINES\HIGHVA\LAK\AAT
->2997  3-03-89   3:32p      512 C:\WABAMUN\MINES\HIGHVA\LAK\ARX
->2998  6-07-88   2:14p       84 C:\WABAMUN\MINES\HIGHVA\LAK\NRF
->2999  6-07-88   1:54p       48 C:\WABAMUN\MINES\HIGHVA\BND\TIC
->3000  6-07-88   1:58p       28 C:\WABAMUN\MINES\HIGHVA\BND\AAT
->3001  6-29-88   2:38p      313 C:\WABAMUN\MINES\HIGHVA\BND\LOG
->3002  6-07-88   1:56p       24 C:\WABAMUN\MINES\HIGHVA\BND\TOL
->3003  6-08-88   1:29p      512 C:\WABAMUN\MINES\HIGHVA\BND\LAB
->3004  6-07-88   1:58p        4 C:\WABAMUN\MINES\HIGHVA\BND\NRF
->3005  6-07-88   1:58p      512 C:\WABAMUN\MINES\HIGHVA\BND\CNT
->3006  7-15-88   2:24p     1280 C:\WABAMUN\MINES\HIGHVA\BND\ARC
->3007  7-15-88   2:24p      512 C:\WABAMUN\MINES\HIGHVA\BND\ARX
->3008  6-07-88   1:58p      512 C:\WABAMUN\MINES\HIGHVA\BND\CNX
->3009  6-07-88   1:58p       32 C:\WABAMUN\MINES\HIGHVA\BND\PAT
->3010  6-14-88  10:34a      512 C:\WABAMUN\MINES\HIGHVA\BND\PAL
->3011  6-14-88  10:34a      512 C:\WABAMUN\MINES\HIGHVA\BND\PAX
->3012  6-07-88   1:58p       16 C:\WABAMUN\MINES\HIGHVA\BND\BND
->3013  6-07-88   2:15p       16 C:\WABAMUN\MINES\HIGHVA\HWY\BND
->3014  3-03-88  11:10a       48 C:\WABAMUN\MINES\HIGHVA\HWY\TIC
->3015  6-07-88   2:15p       12 C:\WABAMUN\MINES\HIGHVA\HWY\TOL
->3016  6-07-88   2:19p      716 C:\WABAMUN\MINES\HIGHVA\HWY\LOG
->3017  6-07-88   2:15p     6656 C:\WABAMUN\MINES\HIGHVA\HWY\ARC
->3018  6-07-88   2:15p     4160 C:\WABAMUN\MINES\HIGHVA\HWY\AAT
->3019  6-07-88   2:15p     1536 C:\WABAMUN\MINES\HIGHVA\HWY\ARX
->3020  6-07-88   2:15p      516 C:\WABAMUN\MINES\HIGHVA\HWY\NRF
->3021  6-07-88   2:16p       16 C:\WABAMUN\MINES\HIGHVA\SET\BND
->3022  3-03-88   9:38a       48 C:\WABAMUN\MINES\HIGHVA\SET\TIC
->3023  6-07-88   2:16p       12 C:\WABAMUN\MINES\HIGHVA\SET\TOL
->3024  6-07-88   2:19p      931 C:\WABAMUN\MINES\HIGHVA\SET\LOG
->3025  6-08-88   1:24p      512 C:\WABAMUN\MINES\HIGHVA\SET\ARC
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->3026   6-07-88   2:16p        32 C:\WABAMUN\MINES\HIGHVA\SET\AAT
->3027   6-08-88   1:24p       512 C:\WABAMUN\MINES\HIGHVA\SET\ARX
->3028   6-07-88   2:16p         8 C:\WABAMUN\MINES\HIGHVA\SET\NRF
->3029   6-07-88   2:16p        16 C:\WABAMUN\MINES\HIGHVA\MDB\BND
->3030   3-03-88  10:54a        48 C:\WABAMUN\MINES\HIGHVA\MDB\TIC
->3031   6-07-88   2:16p        12 C:\WABAMUN\MINES\HIGHVA\MDB\TOL
->3032   6-07-88   2:19p       825 C:\WABAMUN\MINES\HIGHVA\MDB\LOG
->3033   6-08-88   1:24p       768 C:\WABAMUN\MINES\HIGHVA\MDB\ARC
->3034   6-07-88   2:16p        64 C:\WABAMUN\MINES\HIGHVA\MDB\AAT
->3035   6-08-88   1:24p       512 C:\WABAMUN\MINES\HIGHVA\MDB\ARX
->3036   6-07-88   2:16p        16 C:\WABAMUN\MINES\HIGHVA\MDB\NRF
->3037   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\HVPNT\TIC
->3038   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\HVPNT\BND
->3039  10-04-88   5:03p       225 C:\WABAMUN\MINES\HIGHVA\HVPNT\LOG
->3040   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\HVPNT\ARC
->3041   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\HVPNT\ARX
->3042   7-26-88   1:29p     16956 C:\WABAMUN\MINES\HIGHVA\HVPNT\PAT
->3043   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\HVPNT\TXT
->3044   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\HVPNT\TXX
->3045   2-08-89   2:47p     10496 C:\WABAMUN\MINES\HIGHVA\HVPNT\LAB
->3046   7-27-88   8:35a     73476 C:\WABAMUN\MINES\HIGHVA\OVB\PAT
->3047   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\OVB\TIC
->3048   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\OVB\BND
->3049  10-04-88   5:05p       266 C:\WABAMUN\MINES\HIGHVA\OVB\LOG
->3050   8-15-88   4:07p       512 C:\WABAMUN\MINES\HIGHVA\OVB\ARC
->3051   8-15-88   4:07p       512 C:\WABAMUN\MINES\HIGHVA\OVB\ARX
->3052   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\OVB\TXT
->3053   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\OVB\TXX
->3054   2-08-89   9:57a     10496 C:\WABAMUN\MINES\HIGHVA\OVB\LAB
->3055   7-28-88   8:41a     37052 C:\WABAMUN\MINES\HIGHVA\SMPCD\PAT
->3056   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\SMPCD\TIC
->3057   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\SMPCD\BND
->3058  10-04-88   5:05p       280 C:\WABAMUN\MINES\HIGHVA\SMPCD\LOG
->3059   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SMPCD\ARC
->3060   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SMPCD\ARX
->3061   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SMPCD\TXT
->3062   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SMPCD\TXX
->3063   2-08-89   4:58p     10496 C:\WABAMUN\MINES\HIGHVA\SMPCD\LAB
->3064   7-29-88   8:57a     39564 C:\WABAMUN\MINES\HIGHVA\SEAM1\PAT
->3065   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\SEAM1\TIC
->3066   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\SEAM1\BND
->3067  10-04-88   5:06p       268 C:\WABAMUN\MINES\HIGHVA\SEAM1\LOG
->3068   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM1\ARC
->3069   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM1\ARX
->3070   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM1\TXT
->3071   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM1\TXX
->3072   2-08-89   4:59p     10496 C:\WABAMUN\MINES\HIGHVA\SEAM1\LAB
->3073   7-29-88   8:45a     39564 C:\WABAMUN\MINES\HIGHVA\SEAM2\PAT
->3074   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\SEAM2\TIC
->3075   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\SEAM2\BND
->3076  10-04-88   5:07p       268 C:\WABAMUN\MINES\HIGHVA\SEAM2\LOG
->3077   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM2\ARC
->3078   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM2\ARX
->3079   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM2\TXT
->3080   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM2\TXX
->3081   2-09-89   1:52p     10496 C:\WABAMUN\MINES\HIGHVA\SEAM2\LAB
->3082   7-29-88   8:46a     39564 C:\WABAMUN\MINES\HIGHVA\SEAM3\PAT
->3083   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\SEAM3\TIC
->3084   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\SEAM3\BND
->3085  10-04-88   5:07p       268 C:\WABAMUN\MINES\HIGHVA\SEAM3\LOG
->3086   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM3\ARC
->3087   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM3\ARX
->3088   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM3\TXT
->3089   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM3\TXX
->3090   2-09-89   1:58p     10496 C:\WABAMUN\MINES\HIGHVA\SEAM3\LAB
->3091   7-29-88   8:47a     39564 C:\WABAMUN\MINES\HIGHVA\SEAM4\PAT
->3092   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\SEAM4\TIC
->3093   7-26-88   1:26p        16 C:\WABAMUN\MINES\HIGHVA\SEAM4\BND
->3094  10-04-88   5:08p       268 C:\WABAMUN\MINES\HIGHVA\SEAM4\LOG
->3095   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM4\ARC
->3096   7-26-88   1:26p       512 C:\WABAMUN\MINES\HIGHVA\SEAM4\ARX
->3097   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM4\TXT
->3098   7-26-88   1:10p       512 C:\WABAMUN\MINES\HIGHVA\SEAM4\TXX
->3099   2-09-89   2:13p     10496 C:\WABAMUN\MINES\HIGHVA\SEAM4\LAB
->3100   7-29-88   8:48a     39564 C:\WABAMUN\MINES\HIGHVA\SEAM5\PAT
->3101   7-26-88   1:10p        48 C:\WABAMUN\MINES\HIGHVA\SEAM5\TIC
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->3102  7-26-88   1:26p      16 C:\WABAMUN\MINES\HIGHVA\SEAM5\BND
->3103 10-04-88   5:09p     268 C:\WABAMUN\MINES\HIGHVA\SEAM5\LOG
->3104  7-26-88   1:26p     512 C:\WABAMUN\MINES\HIGHVA\SEAM5\ARC
->3105  7-26-88   1:26p     512 C:\WABAMUN\MINES\HIGHVA\SEAM5\ARX
->3106  7-26-88   1:10p     512 C:\WABAMUN\MINES\HIGHVA\SEAM5\TXT
->3107  7-26-88   1:10p     512 C:\WABAMUN\MINES\HIGHVA\SEAM5\TXX
->3108  2-09-89   2:19p   10496 C:\WABAMUN\MINES\HIGHVA\SEAM5\LAB
->3109  7-26-88   1:10p      48 C:\WABAMUN\MINES\HIGHVA\SEAM6\TIC
->3110  7-26-88   1:26p      16 C:\WABAMUN\MINES\HIGHVA\SEAM6\BND
->3111 10-04-88   5:09p     268 C:\WABAMUN\MINES\HIGHVA\SEAM6\LOG
->3112  7-26-88   1:26p     512 C:\WABAMUN\MINES\HIGHVA\SEAM6\ARC
->3113  7-26-88   1:26p     512 C:\WABAMUN\MINES\HIGHVA\SEAM6\ARX
->3114  7-26-88   1:29p   16956 C:\WABAMUN\MINES\HIGHVA\SEAM6\PAT
->3115  7-26-88   1:10p     512 C:\WABAMUN\MINES\HIGHVA\SEAM6\TXT
->3116  7-26-88   1:10p     512 C:\WABAMUN\MINES\HIGHVA\SEAM6\TXX
->3117  2-09-89   3:52p   10496 C:\WABAMUN\MINES\HIGHVA\SEAM6\LAB
->3118  3-03-89   3:32p   47616 C:\WABAMUN\MINES\HIGHVA\MAP1\E0001.PLT
->3119  3-03-89   3:32p       0 C:\WABAMUN\MINES\HIGHVA\MAP1\E0002.PLT
->3120 12-08-88   2:55p    1247 C:\WABAMUN\MINES\HIGHVN\LOG
->3121  3-03-89   4:36p    9457 C:\WABAMUN\MINES\HIGHVN\MANUAL.SML
->3122 10-14-88   4:36p     138 C:\WABAMUN\MINES\HIGHVN\GEOL.KEY
->3123 10-27-88  11:35a      54 C:\WABAMUN\MINES\HIGHVN\ISO1A.KEY
->3124 10-14-88   4:21p     115 C:\WABAMUN\MINES\HIGHVN\ISO2B.~KE
->3125 10-14-88   4:23p     102 C:\WABAMUN\MINES\HIGHVN\SC1B.~KE
->3126  9-28-88  10:38a      56 C:\WABAMUN\MINES\HIGHVN\PRINTER.SML
->3127 10-27-88  11:35a      51 C:\WABAMUN\MINES\HIGHVN\ISO1B.KEY
->3128 10-14-88   4:21p     115 C:\WABAMUN\MINES\HIGHVN\ISO2A.~KE
->3129 10-14-88   4:23p     102 C:\WABAMUN\MINES\HIGHVN\SC1A.~KE
->3130 10-27-88  11:19a      54 C:\WABAMUN\MINES\HIGHVN\ISO1A.~KE
->3131 10-27-88  11:20a      51 C:\WABAMUN\MINES\HIGHVN\ISO1B.~KE
->3132 10-27-88  11:21a      65 C:\WABAMUN\MINES\HIGHVN\ISO2A.KEY
->3133 10-27-88  11:21a      64 C:\WABAMUN\MINES\HIGHVN\ISO2B.KEY
->3134 10-27-88  11:22a      52 C:\WABAMUN\MINES\HIGHVN\SC1A.KEY
->3135 10-27-88  11:22a      51 C:\WABAMUN\MINES\HIGHVN\SC1B.KEY
->3136  3-03-89   1:55p    9435 C:\WABAMUN\MINES\HIGHVN\MANUAL.~SM
->3137  2-09-89   4:04p      24 C:\WABAMUN\MINES\HIGHVN\LOG.TIM
->3138  2-09-89   4:04p     226 C:\WABAMUN\MINES\HIGHVN\FORT1
->3139  6-08-88  10:33a      16 C:\WABAMUN\MINES\HIGHVN\ISO1\BND
->3140  3-17-88  11:32a      48 C:\WABAMUN\MINES\HIGHVN\ISO1\TIC
->3141  6-08-88  10:27a      24 C:\WABAMUN\MINES\HIGHVN\ISO1\TOL
->3142  6-08-88  10:37a    4039 C:\WABAMUN\MINES\HIGHVN\ISO1\LOG
->3143  6-08-88  10:33a    4608 C:\WABAMUN\MINES\HIGHVN\ISO1\LAB
->3144  6-08-88  10:32a    4536 C:\WABAMUN\MINES\HIGHVN\ISO1\PAT
->3145  6-08-88  10:32a    5888 C:\WABAMUN\MINES\HIGHVN\ISO1\CNT
->3146  6-08-88  10:32a     756 C:\WABAMUN\MINES\HIGHVN\ISO1\NRF
->3147  6-08-88  10:35a    8680 C:\WABAMUN\MINES\HIGHVN\ISO1\AAT
->3148  6-08-88  10:32a    1536 C:\WABAMUN\MINES\HIGHVN\ISO1\CNX
->3149  6-08-88  10:33a    2304 C:\WABAMUN\MINES\HIGHVN\ISO1\TXT
->3150  2-21-89  12:01p   49664 C:\WABAMUN\MINES\HIGHVN\ISO1\ARC
->3151  2-21-89  12:01p    2304 C:\WABAMUN\MINES\HIGHVN\ISO1\ARX
->3152  6-08-88  10:33a     512 C:\WABAMUN\MINES\HIGHVN\ISO1\TXX
->3153  2-21-89  12:01p   10496 C:\WABAMUN\MINES\HIGHVN\ISO1\PAL
->3154  2-21-89  12:01p    1536 C:\WABAMUN\MINES\HIGHVN\ISO1\PAX
->3155 10-14-88   3:42p   24320 C:\WABAMUN\MINES\HIGHVN\INFO\ARC.DR9
->3156  6-07-88   1:50p     432 C:\WABAMUN\MINES\HIGHVN\INFO\ARC035.NI
->3157  6-07-88   1:52p      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC035.DA
->3158  6-07-88   1:50p     576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC034.NI
->3159  6-07-88   1:52p      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC034.DA
->3160  6-07-88   1:52p     720 C:\WABAMUN\MINES\HIGHVN\INFO\ARC033.NI
->3161  6-07-88   1:52p      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC033.DA
->3162  6-07-88   1:52p    1008 C:\WABAMUN\MINES\HIGHVN\INFO\ARC032.NI
->3163  6-07-88   1:52p      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC032.DA
->3164  6-08-88  10:37a    1296 C:\WABAMUN\MINES\HIGHVN\INFO\ARC039.NI
->3165  6-08-88  10:37a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC039.DA
->3166  6-08-88  10:37a    1008 C:\WABAMUN\MINES\HIGHVN\INFO\ARC038.NI
->3167  6-08-88  10:37a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC038.DA
->3168  6-08-88  10:37a     576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC037.NI
->3169  6-08-88  10:37a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC037.DA
->3170  6-08-88  10:37a     432 C:\WABAMUN\MINES\HIGHVN\INFO\ARC036.NI
->3171  6-08-88  10:37a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC036.DA
->3172  6-08-88  11:56a    1296 C:\WABAMUN\MINES\HIGHVN\INFO\ARC031.NI
->3173  6-08-88  11:56a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC031.DA
->3174  6-08-88  11:56a    1008 C:\WABAMUN\MINES\HIGHVN\INFO\ARC030.NI
->3175  6-08-88  11:56a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC030.DA
->3176  6-08-88  11:56a     576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC029.NI
->3177  6-08-88  11:56a      80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC029.DA
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->3178	6-08-88	11:56a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC028.NIT	->3216	6-22-88	8:48a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC014.NI
->3179	6-08-88	11:56a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC028.DAT	->3217	6-22-88	8:48a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC014.DA
->3180	6-08-88	1:28p	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC040.NIT	->3218	6-22-88	8:49a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC013.NI
->3181	6-08-88	1:28p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC040.DAT	->3219	6-22-88	8:48a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC013.DA
->3182	6-08-88	1:28p	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC041.NIT	->3220	6-22-88	9:07a	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC012.NI
->3183	6-08-88	1:28p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC041.DAT	->3221	6-22-88	9:07a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC012.DA
->3184	6-08-88	1:52p	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC046.NIT	->3222	6-22-88	9:08a	720	C:\WABAMUN\MINES\HIGHVN\INFO\ARC011.NI
->3185	6-08-88	1:52p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC046.DAT	->3223	6-22-88	9:08a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC011.DA
->3186	6-08-88	1:52p	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC045.NIT	->3224	6-22-88	9:08a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC010.NI
->3187	6-08-88	1:52p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC045.DAT	->3225	6-22-88	9:08a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC010.DA
->3188	6-08-88	1:52p	1152	C:\WABAMUN\MINES\HIGHVN\INFO\ARC027.NIT	->3226	6-22-88	9:08a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC009.NI
->3189	6-08-88	1:52p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC027.DAT	->3227	6-22-88	9:08a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC009.DA
->3190	6-14-88	1:07p	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC044.NIT	->3228	6-22-88	9:11a	864	C:\WABAMUN\MINES\HIGHVN\INFO\ARC008.NI
->3191	6-22-88	8:28a	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC026.NIT	->3229	6-22-88	9:11a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC008.DA
->3192	6-14-88	1:07p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC044.DAT	->3230	6-22-88	9:11a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC007.NI
->3193	6-22-88	8:28a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC026.DAT	->3231	6-22-88	9:11a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC007.DA
->3194	6-14-88	1:07p	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC025.NIT	->3232	6-22-88	9:11a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC006.NI
->3195	6-14-88	1:07p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC025.DAT	->3233	6-22-88	9:11a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC006.DA
->3196	6-14-88	1:07p	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC024.NIT	->3234	6-22-88	9:12a	864	C:\WABAMUN\MINES\HIGHVN\INFO\ARC005.NI
->3197	6-14-88	1:07p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC024.DAT	->3235	6-22-88	9:12a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC005.DA
->3198	6-22-88	8:29a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC023.NIT	->3236	6-22-88	9:12a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC004.NI
->3199	6-22-88	8:29a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC023.DAT	->3237	6-22-88	9:12a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC004.DA
->3200	6-22-88	8:29a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC022.NIT	->3238	6-22-88	9:12a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC003.NI
->3201	6-22-88	8:29a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC022.DAT	->3239	6-22-88	9:12a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC003.DA
->3202	6-22-88	8:29a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC021.NIT	->3240	6-07-88	1:34p	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC042.NI
->3203	6-22-88	8:29a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC021.DAT	->3241	6-07-88	1:34p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC042.DA
->3204	6-16-88	8:49a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC020.NIT	->3242	6-07-88	1:34p	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC043.NI
->3205	6-16-88	9:00a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC020.DAT	->3243	6-07-88	1:34p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC043.DA
->3206	6-16-88	8:49a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC019.NIT	->3244	6-22-88	9:15a	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC002.NI
->3207	6-16-88	9:00a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC019.DAT	->3245	6-22-88	9:15a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC002.DA
->3208	6-16-88	9:00a	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC018.NIT	->3246	6-22-88	9:15a	576	C:\WABAMUN\MINES\HIGHVN\INFO\ARC001.NI
->3209	6-16-88	9:00a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC018.DAT	->3247	6-22-88	9:15a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC001.DA
->3210	6-16-88	9:00a	1296	C:\WABAMUN\MINES\HIGHVN\INFO\ARC017.NIT	->3248	6-22-88	9:15a	864	C:\WABAMUN\MINES\HIGHVN\INFO\ARC000.NI
->3211	6-16-88	9:00a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC017.DAT	->3249	6-22-88	9:15a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC000.DA
->3212	6-22-88	8:48a	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC016.NIT	->3250	6-07-88	1:51p	1008	C:\WABAMUN\MINES\HIGHVN\INFO\ARC047.NI
->3213	6-22-88	8:48a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC016.DAT	->3251	6-07-88	1:51p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC047.DA
->3214	6-22-88	8:48a	720	C:\WABAMUN\MINES\HIGHVN\INFO\ARC015.NIT	->3252	6-07-88	1:44p	432	C:\WABAMUN\MINES\HIGHVN\INFO\ARC048.NI
->3215	6-22-88	8:48a	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC015.DAT	->3253	6-07-88	1:51p	80	C:\WABAMUN\MINES\HIGHVN\INFO\ARC048.DA

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->3254  6-07-88  1:44p    576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC049.NIT
->3255  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC049.DAT
->3256  6-07-88  1:51p    576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC050.NIT
->3257  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC050.DAT
->3258  6-07-88  1:51p   1152 C:\WABAMUN\MINES\HIGHVN\INFO\ARC051.NIT
->3259  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC051.DAT
->3260  6-07-88  1:45p    432 C:\WABAMUN\MINES\HIGHVN\INFO\ARC052.NIT
->3261  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC052.DAT
->3262  6-07-88  1:45p    576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC053.NIT
->3263  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC053.DAT
->3264  6-07-88  1:51p   1152 C:\WABAMUN\MINES\HIGHVN\INFO\ARC054.NIT
->3265  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC054.DAT
->3266  6-07-88  1:45p    432 C:\WABAMUN\MINES\HIGHVN\INFO\ARC055.NIT
->3267  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC055.DAT
->3268  6-07-88  1:45p    576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC056.NIT
->3269  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC056.DAT
->3270  6-07-88  1:51p   1152 C:\WABAMUN\MINES\HIGHVN\INFO\ARC057.NIT
->3271  6-07-88  1:51p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC057.DAT
->3272  6-07-88  1:46p    432 C:\WABAMUN\MINES\HIGHVN\INFO\ARC058.NIT
->3273  6-07-88  1:52p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC058.DAT
->3274  6-07-88  1:46p    576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC059.NIT
->3275  6-07-88  1:52p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC059.DAT
->3276  6-07-88  1:52p   1152 C:\WABAMUN\MINES\HIGHVN\INFO\ARC060.NIT
->3277  6-07-88  1:52p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC060.DAT
->3278  6-07-88  1:46p    432 C:\WABAMUN\MINES\HIGHVN\INFO\ARC061.NIT
->3279  6-07-88  1:52p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC061.DAT
->3280  6-07-88  1:46p    576 C:\WABAMUN\MINES\HIGHVN\INFO\ARC062.NIT
->3281  6-07-88  1:52p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC062.DAT
->3282  6-07-88  1:52p   1152 C:\WABAMUN\MINES\HIGHVN\INFO\ARC063.NIT
->3283  6-07-88  1:52p     80 C:\WABAMUN\MINES\HIGHVN\INFO\ARC063.DAT
->3284  6-07-88  1:50p     16 C:\WABAMUN\MINES\HIGHVN\PITBND\BND
->3285  3-14-88  4:24p     48 C:\WABAMUN\MINES\HIGHVN\PITBND\TIC
->3286  6-07-88  1:49p     24 C:\WABAMUN\MINES\HIGHVN\PITBND\TOL
->3287  6-07-88  1:52p    994 C:\WABAMUN\MINES\HIGHVN\PITBND\LOG
->3288  6-07-88  1:50p    768 C:\WABAMUN\MINES\HIGHVN\PITBND\LAB
->3289  6-07-88  1:50p    160 C:\WABAMUN\MINES\HIGHVN\PITBND\PAT
->3290  6-07-88  1:49p    768 C:\WABAMUN\MINES\HIGHVN\PITBND\CNT
->3291  6-07-88  1:49p    132 C:\WABAMUN\MINES\HIGHVN\PITBND\NRF
->3292  6-07-88  1:50p   1064 C:\WABAMUN\MINES\HIGHVN\PITBND\AAT
->3293  6-07-88  1:49p    512 C:\WABAMUN\MINES\HIGHVN\PITBND\CNX
->3294  6-07-88  1:49p   3840 C:\WABAMUN\MINES\HIGHVN\PITBND\ARC
->3295  6-07-88  1:49p    768 C:\WABAMUN\MINES\HIGHVN\PITBND\ARX
->3296  6-07-88  1:50p   1536 C:\WABAMUN\MINES\HIGHVN\PITBND\PAL
->3297  6-07-88  1:50p    512 C:\WABAMUN\MINES\HIGHVN\PITBND\PAX
->3298  6-08-88 11:48a     16 C:\WABAMUN\MINES\HIGHVN\ISO2\BND
->3299  3-14-88  2:37p     48 C:\WABAMUN\MINES\HIGHVN\ISO2\TIC
->3300  6-08-88 11:44a     24 C:\WABAMUN\MINES\HIGHVN\ISO2\TOL
->3301  6-08-88 11:57a   2616 C:\WABAMUN\MINES\HIGHVN\ISO2\LOG
->3302  6-08-88 11:48a   2816 C:\WABAMUN\MINES\HIGHVN\ISO2\LAB
->3303  6-08-88 11:48a   2736 C:\WABAMUN\MINES\HIGHVN\ISO2\PAT
->3304  6-08-88 11:48a   3840 C:\WABAMUN\MINES\HIGHVN\ISO2\CNT
->3305  6-08-88 11:47a    480 C:\WABAMUN\MINES\HIGHVN\ISO2\NRF
->3306  6-08-88  1:31p   5320 C:\WABAMUN\MINES\HIGHVN\ISO2\AAT
->3307  6-08-88 11:48a   1024 C:\WABAMUN\MINES\HIGHVN\ISO2\CNX
->3308  2-21-89 12:03p  26880 C:\WABAMUN\MINES\HIGHVN\ISO2\ARC
->3309  2-21-89 12:03p   1536 C:\WABAMUN\MINES\HIGHVN\ISO2\ARX
->3310  2-21-89 12:03p   6656 C:\WABAMUN\MINES\HIGHVN\ISO2\PAL
->3311  2-21-89 12:03p   1024 C:\WABAMUN\MINES\HIGHVN\ISO2\PAX
->3312  5-12-88  3:48p     48 C:\WABAMUN\MINES\HIGHVN\MINED\TIC
->3313  6-22-88  8:27a    168 C:\WABAMUN\MINES\HIGHVN\MINED\AAT
->3314  6-22-88  8:29a    586 C:\WABAMUN\MINES\HIGHVN\MINED\LOG
->3315  6-21-88  2:43p     24 C:\WABAMUN\MINES\HIGHVN\MINED\TOL
->3316  6-21-88  2:44p    512 C:\WABAMUN\MINES\HIGHVN\MINED\TXT
->3317  6-21-88  2:44p    512 C:\WABAMUN\MINES\HIGHVN\MINED\TXX
->3318  6-22-88  8:26a    768 C:\WABAMUN\MINES\HIGHVN\MINED\LAB
->3319  6-22-88  8:26a     24 C:\WABAMUN\MINES\HIGHVN\MINED\NRF
->3320  6-22-88  8:26a    768 C:\WABAMUN\MINES\HIGHVN\MINED\CNT
->3321 11-08-88 11:54a   1792 C:\WABAMUN\MINES\HIGHVN\MINED\ARC
->3322 11-08-88 11:54a    512 C:\WABAMUN\MINES\HIGHVN\MINED\ARX
->3323  6-22-88  8:26a    512 C:\WABAMUN\MINES\HIGHVN\MINED\CNX
->3324  6-22-88  8:26a    112 C:\WABAMUN\MINES\HIGHVN\MINED\PAT
->3325 11-08-88 11:54a    768 C:\WABAMUN\MINES\HIGHVN\MINED\PAL
->3326 11-08-88 11:54a    512 C:\WABAMUN\MINES\HIGHVN\MINED\PAX
->3327  6-22-88  8:26a     16 C:\WABAMUN\MINES\HIGHVN\MINED\BND
->3328  6-14-88  1:07p     16 C:\WABAMUN\MINES\HIGHVN\STAT\BND
->3329  4-07-88  8:32a     48 C:\WABAMUN\MINES\HIGHVN\STAT\TIC
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->3330   6-14-88   1:07p       589 C:\WABAMUN\MINES\HIGHVN\STAT\LOG
->3331   6-14-88   1:23p       950 C:\WABAMUN\MINES\HIGHVN\STAT\PAT
->3332   6-14-88  10:36a       512 C:\WABAMUN\MINES\HIGHVN\STAT\TXT
->3333   6-14-88  10:36a       512 C:\WABAMUN\MINES\HIGHVN\STAT\TXX
->3334   6-14-88   1:07p       304 C:\WABAMUN\MINES\HIGHVN\STAT\PRF
->3335   2-09-89   4:40p      1024 C:\WABAMUN\MINES\HIGHVN\STAT\LAB
->3336   5-12-88   3:50p        48 C:\WABAMUN\MINES\HIGHVN\PERM\TIC
->3337   6-22-88   8:39a        28 C:\WABAMUN\MINES\HIGHVN\PERM\AAT
->3338   6-22-88   8:49a       942 C:\WABAMUN\MINES\HIGHVN\PERM\LOG
->3339   6-21-88   2:46p        24 C:\WABAMUN\MINES\HIGHVN\PERM\TOL
->3340   6-21-88   2:47p       512 C:\WABAMUN\MINES\HIGHVN\PERM\TXT
->3341   6-21-88   2:47p       512 C:\WABAMUN\MINES\HIGHVN\PERM\TXX
->3342   6-22-88   8:38a       512 C:\WABAMUN\MINES\HIGHVN\PERM\LAB
->3343   6-22-88   8:38a         4 C:\WABAMUN\MINES\HIGHVN\PERM\NRF
->3344   6-22-88   8:38a       512 C:\WABAMUN\MINES\HIGHVN\PERM\CNT
->3345   2-09-89   4:41p      1280 C:\WABAMUN\MINES\HIGHVN\PERM\ARC
->3346   2-09-89   4:41p       512 C:\WABAMUN\MINES\HIGHVN\PERM\ARX
->3347   6-22-88   8:38a       512 C:\WABAMUN\MINES\HIGHVN\PERM\CNX
->3348   6-22-88   8:38a        32 C:\WABAMUN\MINES\HIGHVN\PERM\PRF
->3349   2-09-89   4:41p       512 C:\WABAMUN\MINES\HIGHVN\PERM\PAL
->3350   2-09-89   4:41p       512 C:\WABAMUN\MINES\HIGHVN\PERM\PAX
->3351   6-22-88   8:38a        16 C:\WABAMUN\MINES\HIGHVN\PERM\BND
->3352   6-22-88   8:38a        48 C:\WABAMUN\MINES\HIGHVN\PERM\PAT
->3353   5-26-88   2:30p        48 C:\WABAMUN\MINES\HIGHVN\SC1\TIC
->3354   6-16-88   8:49a      4620 C:\WABAMUN\MINES\HIGHVN\SC1\ARF
->3355   6-16-88   9:00a      1016 C:\WABAMUN\MINES\HIGHVN\SC1\LOG
->3356   6-15-88   2:09p        24 C:\WABAMUN\MINES\HIGHVN\SC1\TOL
->3357   6-16-88   8:45a      3072 C:\WABAMUN\MINES\HIGHVN\SC1\LAB
->3358   6-16-88   8:45a       504 C:\WABAMUN\MINES\HIGHVN\SC1\NRF
->3359   6-16-88   8:45a      2560 C:\WABAMUN\MINES\HIGHVN\SC1\CNT
->3360   2-21-89  12:05p     44288 C:\WABAMUN\MINES\HIGHVN\SC1\ARC
->3361   2-21-89  12:05p      1792 C:\WABAMUN\MINES\HIGHVN\SC1\ARX
->3362   6-16-88   8:45a      1024 C:\WABAMUN\MINES\HIGHVN\SC1\CNX
->3363   6-16-88   8:45a      1328 C:\WABAMUN\MINES\HIGHVN\SC1\PRF
->3364   2-21-89  12:05p      7168 C:\WABAMUN\MINES\HIGHVN\SC1\PAL
->3365   2-21-89  12:05p      1024 C:\WABAMUN\MINES\HIGHVN\SC1\PAX
->3366   6-16-88   8:45a        16 C:\WABAMUN\MINES\HIGHVN\SC1\BND
->3367   6-16-88   8:56a      2988 C:\WABAMUN\MINES\HIGHVN\SC1\PAT
->3368   6-16-88   8:49a      6600 C:\WABAMUN\MINES\HIGHVN\SC1\AAT
->3369   5-12-88   3:42p        48 C:\WABAMUN\MINES\HIGHVN\LIC\TIC
->3370   6-22-88   9:04a       140 C:\WABAMUN\MINES\HIGHVN\LIC\AAT
->3371   6-22-88   9:08a       921 C:\WABAMUN\MINES\HIGHVN\LIC\LOG
->3372   6-21-88   2:52p        24 C:\WABAMUN\MINES\HIGHVN\LIC\TOL
->3373   6-21-88   2:52p       512 C:\WABAMUN\MINES\HIGHVN\LIC\TXT
->3374   6-21-88   2:52p       512 C:\WABAMUN\MINES\HIGHVN\LIC\TXX
->3375   6-22-88   9:00a       512 C:\WABAMUN\MINES\HIGHVN\LIC\LAB
->3376   6-22-88   9:00a        16 C:\WABAMUN\MINES\HIGHVN\LIC\NRF
->3377   6-22-88   9:00a       512 C:\WABAMUN\MINES\HIGHVN\LIC\CNT
->3378   2-09-89   4:41p      1536 C:\WABAMUN\MINES\HIGHVN\LIC\ARC
->3379   2-09-89   4:41p       512 C:\WABAMUN\MINES\HIGHVN\LIC\ARX
->3380   6-22-88   9:00a       512 C:\WABAMUN\MINES\HIGHVN\LIC\CNX
->3381   6-22-88   9:00a        80 C:\WABAMUN\MINES\HIGHVN\LIC\PRF
->3382   2-09-89   4:41p       768 C:\WABAMUN\MINES\HIGHVN\LIC\PAL
->3383   2-09-89   4:41p       512 C:\WABAMUN\MINES\HIGHVN\LIC\PAX
->3384   6-22-88   9:00a        16 C:\WABAMUN\MINES\HIGHVN\LIC\BND
->3385   6-22-88   9:01a       110 C:\WABAMUN\MINES\HIGHVN\LIC\PAT
->3386   6-21-88   2:56p        16 C:\WABAMUN\MINES\HIGHVN\UNDER\BND
->3387   5-12-88   4:35p        48 C:\WABAMUN\MINES\HIGHVN\UNDER\TIC
->3388   6-22-88   9:11a       627 C:\WABAMUN\MINES\HIGHVN\UNDER\LOG
->3389  10-27-88  11:28a       512 C:\WABAMUN\MINES\HIGHVN\UNDER\LAB
->3390   6-21-88   2:56p       768 C:\WABAMUN\MINES\HIGHVN\UNDER\TXT
->3391   6-21-88   2:56p        52 C:\WABAMUN\MINES\HIGHVN\UNDER\PAT
->3392   6-21-88   2:56p       512 C:\WABAMUN\MINES\HIGHVN\UNDER\TXX
->3393   6-21-88   2:57p        16 C:\WABAMUN\MINES\HIGHVN\SURF\BND
->3394   5-12-88   4:33p        48 C:\WABAMUN\MINES\HIGHVN\SURF\TIC
->3395   6-22-88   9:12a       656 C:\WABAMUN\MINES\HIGHVN\SURF\LOG
->3396   2-09-89   4:41p       512 C:\WABAMUN\MINES\HIGHVN\SURF\LAB
->3397   6-21-88   2:57p       512 C:\WABAMUN\MINES\HIGHVN\SURF\TXT
->3398   6-21-88   2:57p        78 C:\WABAMUN\MINES\HIGHVN\SURF\PAT
->3399   6-21-88   2:57p       512 C:\WABAMUN\MINES\HIGHVN\SURF\TXX
->3400   6-21-88   2:59p        16 C:\WABAMUN\MINES\HIGHVN\UNCERT\BND
->3401   5-12-88   4:36p        48 C:\WABAMUN\MINES\HIGHVN\UNCERT\TIC
->3402   6-22-88   9:15a       707 C:\WABAMUN\MINES\HIGHVN\UNCERT\LOG
->3403   6-21-88   2:59p       512 C:\WABAMUN\MINES\HIGHVN\UNCERT\LAB
->3404   6-21-88   2:59p       512 C:\WABAMUN\MINES\HIGHVN\UNCERT\TXT
->3405   6-21-88   2:59p        72 C:\WABAMUN\MINES\HIGHVN\UNCERT\PAT
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->3406  6-21-88   2:59p      512 C:\WABAMUN\MINES\HIGHVN\UNCERT\TXX
->3407  3-24-88   9:35a       48 C:\WABAMUN\MINES\HIGHVN\BND\TIC
->3408  6-08-88   1:28p       28 C:\WABAMUN\MINES\HIGHVN\BND\AAT
->3409  6-08-88   1:28p      560 C:\WABAMUN\MINES\HIGHVN\BND\LOG
->3410  6-07-88   1:32p       24 C:\WABAMUN\MINES\HIGHVN\BND\TOL
->3411  6-08-88   1:28p      512 C:\WABAMUN\MINES\HIGHVN\BND\LAB
->3412  6-08-88   1:28p        4 C:\WABAMUN\MINES\HIGHVN\BND\NRF
->3413  6-08-88   1:28p      512 C:\WABAMUN\MINES\HIGHVN\BND\CNT
->3414  6-20-88   3:39p     1024 C:\WABAMUN\MINES\HIGHVN\BND\ARC
->3415  6-20-88   3:39p      512 C:\WABAMUN\MINES\HIGHVN\BND\ARX
->3416  6-08-88   1:28p      512 C:\WABAMUN\MINES\HIGHVN\BND\CNX
->3417  6-08-88   1:28p       32 C:\WABAMUN\MINES\HIGHVN\BND\PAT
->3418  6-14-88  10:36a      512 C:\WABAMUN\MINES\HIGHVN\BND\PAL
->3419  6-14-88  10:36a      512 C:\WABAMUN\MINES\HIGHVN\BND\PAX
->3420  6-08-88   1:28p       16 C:\WABAMUN\MINES\HIGHVN\BND\BND
->3421  3-15-88   1:54p       48 C:\WABAMUN\MINES\HIGHVN\GEOL\TIC
->3422  6-08-88   1:52p     2604 C:\WABAMUN\MINES\HIGHVN\GEOL\AAT
->3423  6-08-88   1:52p     1058 C:\WABAMUN\MINES\HIGHVN\GEOL\LOG
->3424  6-07-88   1:40p       24 C:\WABAMUN\MINES\HIGHVN\GEOL\TOL
->3425  6-08-88   1:52p     1280 C:\WABAMUN\MINES\HIGHVN\GEOL\LAB
->3426  6-08-88   1:51p      284 C:\WABAMUN\MINES\HIGHVN\GEOL\NRF
->3427  6-08-88   1:52p     1024 C:\WABAMUN\MINES\HIGHVN\GEOL\CNT
->3428  2-09-89   4:15p    35584 C:\WABAMUN\MINES\HIGHVN\GEOL\ARC
->3429  2-09-89   4:15p     1280 C:\WABAMUN\MINES\HIGHVN\GEOL\ARX
->3430  6-08-88   1:52p      768 C:\WABAMUN\MINES\HIGHVN\GEOL\CNX
->3431  6-08-88   1:52p      432 C:\WABAMUN\MINES\HIGHVN\GEOL\PRF
->3432  2-09-89   4:15p     3584 C:\WABAMUN\MINES\HIGHVN\GEOL\PAL
->3433  2-09-89   4:15p      768 C:\WABAMUN\MINES\HIGHVN\GEOL\PAX
->3434  6-08-88   1:52p       16 C:\WABAMUN\MINES\HIGHVN\GEOL\BND
->3435  6-08-88   1:52p     6156 C:\WABAMUN\MINES\HIGHVN\GEOL\PAT
->3436  6-07-88   1:44p       16 C:\WABAMUN\MINES\HIGHVN\ATS\BND
->3437  3-03-88   2:28p       48 C:\WABAMUN\MINES\HIGHVN\ATS\TIC
->3438  6-07-88   1:43p       24 C:\WABAMUN\MINES\HIGHVN\ATS\TOL
->3439  6-08-88   2:05p     1392 C:\WABAMUN\MINES\HIGHVN\ATS\LOG
->3440  6-07-88   1:44p     2304 C:\WABAMUN\MINES\HIGHVN\ATS\LAB
->3441  6-07-88   1:44p      976 C:\WABAMUN\MINES\HIGHVN\ATS\PAT
->3442  6-07-88   1:44p     3072 C:\WABAMUN\MINES\HIGHVN\ATS\CNT
->3443  6-07-88   1:44p      384 C:\WABAMUN\MINES\HIGHVN\ATS\NRF
->3444  6-08-88   1:54p     4960 C:\WABAMUN\MINES\HIGHVN\ATS\AAT
->3445  6-07-88   1:44p     1024 C:\WABAMUN\MINES\HIGHVN\ATS\CNX
->3446  2-21-89  12:03p     8192 C:\WABAMUN\MINES\HIGHVN\ATS\ARC
->3447  2-21-89  12:03p     1792 C:\WABAMUN\MINES\HIGHVN\ATS\ARX
->3448  2-21-89  12:03p     5888 C:\WABAMUN\MINES\HIGHVN\ATS\PAL
->3449  2-21-89  12:03p     1024 C:\WABAMUN\MINES\HIGHVN\ATS\PAX
->3450  6-07-88   1:45p       16 C:\WABAMUN\MINES\HIGHVN\RIV\BND
->3451  3-03-88  11:24a       48 C:\WABAMUN\MINES\HIGHVN\RIV\TIC
->3452  6-07-88   1:44p       12 C:\WABAMUN\MINES\HIGHVN\RIV\TOL
->3453  6-07-88   1:51p      658 C:\WABAMUN\MINES\HIGHVN\RIV\LOG
->3454  2-21-89  12:05p     3584 C:\WABAMUN\MINES\HIGHVN\RIV\ARC
->3455  6-07-88   1:45p     1024 C:\WABAMUN\MINES\HIGHVN\RIV\AAT
->3456  2-21-89  12:05p      768 C:\WABAMUN\MINES\HIGHVN\RIV\ARX
->3457  6-07-88   1:45p      160 C:\WABAMUN\MINES\HIGHVN\RIV\NRF
->3458  6-07-88   1:45p       16 C:\WABAMUN\MINES\HIGHVN\LAK\BND
->3459  3-03-88   9:57a       48 C:\WABAMUN\MINES\HIGHVN\LAK\TIC
->3460  6-07-88   1:45p       12 C:\WABAMUN\MINES\HIGHVN\LAK\TOL
->3461  6-07-88   1:51p      800 C:\WABAMUN\MINES\HIGHVN\LAK\LOG
->3462  2-21-89  12:05p     1792 C:\WABAMUN\MINES\HIGHVN\LAK\ARC
->3463  6-07-88   1:45p      192 C:\WABAMUN\MINES\HIGHVN\LAK\AAT
->3464  2-21-89  12:05p      512 C:\WABAMUN\MINES\HIGHVN\LAK\ARX
->3465  6-07-88   1:45p       32 C:\WABAMUN\MINES\HIGHVN\LAK\NRF
->3466  6-07-88   1:46p       16 C:\WABAMUN\MINES\HIGHVN\HWY\BND
->3467  3-03-88  11:10a       48 C:\WABAMUN\MINES\HIGHVN\HWY\TIC
->3468  6-07-88   1:46p       12 C:\WABAMUN\MINES\HIGHVN\HWY\TOL
->3469  6-07-88   1:52p      716 C:\WABAMUN\MINES\HIGHVN\HWY\LOG
->3470  6-08-88   1:57p     3072 C:\WABAMUN\MINES\HIGHVN\HWY\ARC
->3471  6-07-88   1:46p     1696 C:\WABAMUN\MINES\HIGHVN\HWY\AAT
->3472  6-08-88   1:57p     1024 C:\WABAMUN\MINES\HIGHVN\HWY\ARX
->3473  6-07-88   1:46p      228 C:\WABAMUN\MINES\HIGHVN\HWY\NRF
->3474  6-07-88   1:46p       16 C:\WABAMUN\MINES\HIGHVN\SET\BND
->3475  3-03-88   9:38a       48 C:\WABAMUN\MINES\HIGHVN\SET\TIC
->3476  6-07-88   1:46p       12 C:\WABAMUN\MINES\HIGHVN\SET\TOL
->3477  6-07-88   1:52p      931 C:\WABAMUN\MINES\HIGHVN\SET\LOG
->3478  6-08-88   1:56p      512 C:\WABAMUN\MINES\HIGHVN\SET\ARC
->3479  6-07-88   1:46p       32 C:\WABAMUN\MINES\HIGHVN\SET\AAT
->3480  6-08-88   1:56p      512 C:\WABAMUN\MINES\HIGHVN\SET\ARX
->3481  6-07-88   1:46p        8 C:\WABAMUN\MINES\HIGHVN\SET\NRF
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->3482  2-10-89  8:14a      1010 C:\WABAMUN\MINES\HIGHVS\LOG
->3483 10-17-88 10:55a       269 C:\WABAMUN\MINES\HIGHVS\ISOLS2.~KE
->3484 10-27-88  9:20a       139 C:\WABAMUN\MINES\HIGHVS\ISOLS1.KEY
->3485 10-17-88 10:55a       269 C:\WABAMUN\MINES\HIGHVS\ISOLS.~KE
->3486 10-17-88 10:57a       187 C:\WABAMUN\MINES\HIGHVS\ISO1.~KE
->3487 10-17-88 10:58a       187 C:\WABAMUN\MINES\HIGHVS\ISO2.KEY
->3488 10-17-88 11:00a       220 C:\WABAMUN\MINES\HIGHVS\DBED.KEY
->3489  9-28-88 10:38a        56 C:\WABAMUN\MINES\HIGHVS\PRINTER.SML
->3490 10-27-88  9:31a       187 C:\WABAMUN\MINES\HIGHVS\ISO1.KEY
->3491 10-27-88  9:21a       137 C:\WABAMUN\MINES\HIGHVS\ISOLS2.KEY
->3492  2-10-89  8:15a        24 C:\WABAMUN\MINES\HIGHVS\LOG.TIM
->3493  3-03-89  2:02p      9199 C:\WABAMUN\MINES\HIGHVS\MANUAL.~SM
->3494  3-03-89  4:34p      9191 C:\WABAMUN\MINES\HIGHVS\MANUAL.SML
->3495  2-10-89  8:15a       226 C:\WABAMUN\MINES\HIGHVS\FORT1
->3496  6-07-88  1:21p        16 C:\WABAMUN\MINES\HIGHVS\ATS\BND
->3497  3-03-88  2:28p        48 C:\WABAMUN\MINES\HIGHVS\ATS\TIC
->3498  6-07-88  1:20p        24 C:\WABAMUN\MINES\HIGHVS\ATS\TOL
->3499  6-08-88  2:05p      1277 C:\WABAMUN\MINES\HIGHVS\ATS\LOG
->3500  6-07-88  1:21p      2048 C:\WABAMUN\MINES\HIGHVS\ATS\LAB
->3501  6-07-88  1:20p       832 C:\WABAMUN\MINES\HIGHVS\ATS\PAT
->3502  6-07-88  1:20p      2816 C:\WABAMUN\MINES\HIGHVS\ATS\CNT
->3503  6-07-88  1:20p       308 C:\WABAMUN\MINES\HIGHVS\ATS\NRF
->3504  6-08-88  2:04p      4064 C:\WABAMUN\MINES\HIGHVS\ATS\AAT
->3505  6-07-88  1:20p      1024 C:\WABAMUN\MINES\HIGHVS\ATS\CNX
->3506  2-10-89  8:26a      6656 C:\WABAMUN\MINES\HIGHVS\ATS\ARC
->3507  2-10-89  8:26a      1536 C:\WABAMUN\MINES\HIGHVS\ATS\ARX
->3508  2-10-89  8:26a      5120 C:\WABAMUN\MINES\HIGHVS\ATS\PAL
->3509  2-10-89  8:26a      1024 C:\WABAMUN\MINES\HIGHVS\ATS\PAX
->3510  6-22-88  9:08a     18240 C:\WABAMUN\MINES\HIGHVS\INFO\ARC.DR9
->3511  6-06-88 11:36a       432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC027.NIT
->3512  6-06-88 11:38a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC027.DAT
->3513  6-06-88 11:36a       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC026.NIT
->3514  6-06-88 11:38a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC026.DAT
->3515  6-06-88 11:38a      1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC025.NIT
->3516  6-06-88 11:38a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC025.DAT
->3517  6-06-88 11:38a      1296 C:\WABAMUN\MINES\HIGHVS\INFO\ARC024.NIT
->3518  6-06-88 11:38a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC024.DAT
->3519  6-06-88 10:48a       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC035.NIT
->3520  6-06-88 10:48a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC035.DA
->3521  6-08-88 11:10a       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC034.NI
->3522  6-08-88 11:10a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC034.DA
->3523  6-08-88 11:10a       432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC033.NI
->3524  6-08-88 11:10a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC033.DA
->3525  6-08-88 11:55a      1296 C:\WABAMUN\MINES\HIGHVS\INFO\ARC039.NI
->3526  6-08-88 11:55a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC039.DA
->3527  6-07-88 11:40a       432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC023.NI
->3528  6-07-88 11:42a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC023.DA
->3529  6-07-88 11:40a       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC022.NI
->3530  6-07-88 11:42a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC022.DA
->3531  6-07-88  1:26p      1152 C:\WABAMUN\MINES\HIGHVS\INFO\ARC021.NI
->3532  6-07-88  1:26p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC021.DA
->3533  6-07-88  1:26p       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC020.NI
->3534  6-07-88  1:26p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC020.DA
->3535  6-07-88  1:26p       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC019.NI
->3536  6-07-88  1:26p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC019.DA
->3537  6-07-88  1:26p       432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC018.NI
->3538  6-07-88  1:26p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC018.DA
->3539  6-07-88  1:27p      1152 C:\WABAMUN\MINES\HIGHVS\INFO\ARC016.NI
->3540  6-07-88  1:27p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC016.DA
->3541  6-07-88  1:27p       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC015.NI
->3542  6-07-88  1:27p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC015.DA
->3543  6-07-88 11:42a      1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC017.NI
->3544  6-07-88 11:42a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC017.DA
->3545  6-07-88  1:27p       432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC014.NI
->3546  6-07-88  1:27p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC014.DA
->3547  6-07-88  1:28p      1152 C:\WABAMUN\MINES\HIGHVS\INFO\ARC013.NI
->3548  6-07-88  1:28p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC013.DA
->3549  6-07-88  1:28p       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC012.NI
->3550  6-07-88  1:28p        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC012.DA
->3551  6-06-88 10:52a       432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC031.NI
->3552  6-06-88 10:56a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC031.DA
->3553  6-06-88 10:52a       576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC030.NI
->3554  6-06-88 10:56a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC030.DAT
->3555  6-06-88 10:56a      1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC029.NIT
->3556  6-06-88 10:56a        80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC029.DAT
->3557  6-06-88 10:56a      1296 C:\WABAMUN\MINES\HIGHVS\INFO\ARC028.NIT
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->3558  6-06-88 10:56a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC028.DAT
->3559  6-07-88 11:42a    1296 C:\WABAMUN\MINES\HIGHVS\INFO\ARC011.NIT
->3560  6-07-88 11:42a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC011.DAT
->3561  6-07-88  1:28p     432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC010.NIT
->3562  6-07-88  1:28p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC010.DAT
->3563  6-07-88  1:28p    1152 C:\WABAMUN\MINES\HIGHVS\INFO\ARC009.NIT
->3564  6-07-88  1:28p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC009.DAT
->3565  6-07-88  1:28p     576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC008.NIT
->3566  6-07-88  1:28p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC008.DAT
->3567  6-08-88 11:55a    1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC038.NIT
->3568  6-08-88 11:55a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC038.DAT
->3569  6-08-88 11:55a     576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC037.NIT
->3570  6-08-88 11:55a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC037.DAT
->3571  6-08-88 11:55a     432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC032.NIT
->3572  6-08-88 11:55a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC032.DAT
->3573  6-14-88 11:18a     432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC047.NIT
->3574  6-22-88  8:49a    1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC046.NIT
->3575  6-07-88  1:28p     432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC003.NIT
->3576  6-07-88  1:28p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC003.DAT
->3577  6-07-88  1:29p    1152 C:\WABAMUN\MINES\HIGHVS\INFO\ARC002.NIT
->3578  6-07-88  1:29p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC002.DAT
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->3580  6-07-88  1:29p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC001.DAT
->3581  6-07-88  1:29p     432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC000.NIT
->3582  6-07-88  1:29p      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC000.DAT
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->3584  6-08-88 11:10a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC036.DAT
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->3586  6-22-88  8:49a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC046.DAT
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->3588  6-14-88 11:18a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC045.DAT
->3589  6-14-88 11:19a    1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC044.NIT
->3590  6-14-88 11:19a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC044.DAT
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->3592  6-22-88  8:49a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC043.DAT
->3593  6-22-88  8:49a     576 C:\WABAMUN\MINES\HIGHVS\INFO\ARC042.NIT
->3594  6-22-88  8:49a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC042.DAT
->3595  6-22-88  8:49a     432 C:\WABAMUN\MINES\HIGHVS\INFO\ARC041.NIT
->3596  6-22-88  8:49a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC041.DAT
->3597  6-22-88  9:08a    1008 C:\WABAMUN\MINES\HIGHVS\INFO\ARC040.NIT
->3598  6-22-88  9:08a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC040.DAT
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->3600  6-22-88  9:08a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC007.DAT
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->3602  6-22-88  9:08a      80 C:\WABAMUN\MINES\HIGHVS\INFO\ARC006.DAT
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->3607  6-08-88 11:10a     791 C:\WABAMUN\MINES\HIGHVS\BND\LOG
->3608  6-06-88 10:42a      24 C:\WABAMUN\MINES\HIGHVS\BND\TOL
->3609  6-08-88 11:10a     512 C:\WABAMUN\MINES\HIGHVS\BND\LAB
->3610  6-08-88 11:10a      56 C:\WABAMUN\MINES\HIGHVS\BND\NRF
->3611  6-08-88 11:10a     512 C:\WABAMUN\MINES\HIGHVS\BND\CNT
->3612  6-15-88  7:54a    1280 C:\WABAMUN\MINES\HIGHVS\BND\ARC
->3613  6-15-88  7:54a     512 C:\WABAMUN\MINES\HIGHVS\BND\ARX
->3614  6-08-88 11:10a     512 C:\WABAMUN\MINES\HIGHVS\BND\CNX
->3615  6-08-88 11:10a      32 C:\WABAMUN\MINES\HIGHVS\BND\PAT
->3616  6-14-88 10:37a     768 C:\WABAMUN\MINES\HIGHVS\BND\PAL
->3617  6-14-88 10:37a     512 C:\WABAMUN\MINES\HIGHVS\BND\PAX
->3618  6-08-88 11:10a      16 C:\WABAMUN\MINES\HIGHVS\BND\BND
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->3624  6-07-88 11:39a    6656 C:\WABAMUN\MINES\HIGHVS\DBED\LAB
->3625  6-07-88 11:39a    1172 C:\WABAMUN\MINES\HIGHVS\DBED\NRF
->3626  6-07-88 11:39a    5120 C:\WABAMUN\MINES\HIGHVS\DBED\CNT
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->3629  6-07-88 11:39a    2048 C:\WABAMUN\MINES\HIGHVS\DBED\CNX
->3630  6-07-88 11:39a    3104 C:\WABAMUN\MINES\HIGHVS\DBED\PRF
->3631 11-08-88  1:46p   15872 C:\WABAMUN\MINES\HIGHVS\DBED\PAL
->3632 11-08-88  1:46p    2048 C:\WABAMUN\MINES\HIGHVS\DBED\PAX
->3633  6-07-88 11:39a      16 C:\WABAMUN\MINES\HIGHVS\DBED\BND
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->3634   6-07-88  11:41a      6984 C:\WABAMUN\MINES\HIGHVS\DBED\PAT
->3635   6-07-88  11:40a     13520 C:\WABAMUN\MINES\HIGHVS\DBED\AAT
->3636   6-06-88  11:36a        16 C:\WABAMUN\MINES\HIGHVS\ISOLS\BND
->3637   4-28-88   3:57p        48 C:\WABAMUN\MINES\HIGHVS\ISOLS\TIC
->3638   6-06-88  11:26a        24 C:\WABAMUN\MINES\HIGHVS\ISOLS\TOL
->3639   6-06-88  11:38a      1500 C:\WABAMUN\MINES\HIGHVS\ISOLS\LOG
->3640   6-06-88  11:36a      5632 C:\WABAMUN\MINES\HIGHVS\ISOLS\LAB
->3641   6-06-88  11:36a      5904 C:\WABAMUN\MINES\HIGHVS\ISOLS\PAT
->3642   6-06-88  11:36a      7680 C:\WABAMUN\MINES\HIGHVS\ISOLS\CNT
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->3644   6-08-88   2:11p     12760 C:\WABAMUN\MINES\HIGHVS\ISOLS\AAT
->3645   6-06-88  11:36a      1792 C:\WABAMUN\MINES\HIGHVS\ISOLS\CNX
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->3647  10-27-88   9:35a      3072 C:\WABAMUN\MINES\HIGHVS\ISOLS\ARX
->3648  10-27-88   9:35a     14080 C:\WABAMUN\MINES\HIGHVS\ISOLS\PAL
->3649  10-27-88   9:35a      1792 C:\WABAMUN\MINES\HIGHVS\ISOLS\PAX
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->3653   6-08-88   2:05p      2648 C:\WABAMUN\MINES\HIGHVS\ISO2\LOG
->3654   6-08-88  11:53a      2048 C:\WABAMUN\MINES\HIGHVS\ISO2\LAB
->3655   6-08-88  11:53a      1800 C:\WABAMUN\MINES\HIGHVS\ISO2\PAT
->3656   6-08-88  11:53a      2560 C:\WABAMUN\MINES\HIGHVS\ISO2\CNT
->3657   6-08-88  11:53a       340 C:\WABAMUN\MINES\HIGHVS\ISO2\NRF
->3658   6-08-88   2:03p      4000 C:\WABAMUN\MINES\HIGHVS\ISO2\AAT
->3659   6-08-88  11:53a       768 C:\WABAMUN\MINES\HIGHVS\ISO2\CNX
->3660   2-09-89   5:01p     45824 C:\WABAMUN\MINES\HIGHVS\ISO2\ARC
->3661   2-09-89   5:01p      1280 C:\WABAMUN\MINES\HIGHVS\ISO2\ARX
->3662   2-09-89   5:01p      4608 C:\WABAMUN\MINES\HIGHVS\ISO2\PAL
->3663   2-09-89   5:01p       768 C:\WABAMUN\MINES\HIGHVS\ISO2\PAX
->3664   6-07-88   1:22p        16 C:\WABAMUN\MINES\HIGHVS\RIV\BND
->3665   3-03-88  11:24a        48 C:\WABAMUN\MINES\HIGHVS\RIV\TIC
->3666   6-07-88   1:21p        12 C:\WABAMUN\MINES\HIGHVS\RIV\TOL
->3667   6-07-88   1:27p       577 C:\WABAMUN\MINES\HIGHVS\RIV\LOG
->3668   2-10-89   8:26a      4864 C:\WABAMUN\MINES\HIGHVS\RIV\ARC
->3669   6-07-88   1:22p      1120 C:\WABAMUN\MINES\HIGHVS\RIV\AAT
->3670   2-10-89   8:26a       768 C:\WABAMUN\MINES\HIGHVS\RIV\ARX
->3671   6-07-88   1:22p       168 C:\WABAMUN\MINES\HIGHVS\RIV\NRF
->3672   6-07-88   1:23p        16 C:\WABAMUN\MINES\HIGHVS\LAK\BND
->3673   3-03-88   9:57a        48 C:\WABAMUN\MINES\HIGHVS\LAK\TIC
->3674   6-07-88   1:23p        12 C:\WABAMUN\MINES\HIGHVS\LAK\TOL
->3675   6-07-88   1:28p       719 C:\WABAMUN\MINES\HIGHVS\LAK\LOG
->3676   2-10-89   8:26a      1792 C:\WABAMUN\MINES\HIGHVS\LAK\ARC
->3677   6-07-88   1:23p       416 C:\WABAMUN\MINES\HIGHVS\LAK\AAT
->3678   2-10-89   8:26a       512 C:\WABAMUN\MINES\HIGHVS\LAK\ARX
->3679   6-07-88   1:23p        64 C:\WABAMUN\MINES\HIGHVS\LAK\NRF
->3680   6-06-88  10:52a        16 C:\WABAMUN\MINES\HIGHVS\ISO1\BND
->3681   4-06-88   8:07a        48 C:\WABAMUN\MINES\HIGHVS\ISO1\TIC
->3682   6-06-88  10:49a        24 C:\WABAMUN\MINES\HIGHVS\ISO1\TOL
->3683   6-08-88   2:05p      2058 C:\WABAMUN\MINES\HIGHVS\ISO1\LOG
->3684   6-06-88  10:52a      3072 C:\WABAMUN\MINES\HIGHVS\ISO1\LAB
->3685   6-06-88  10:52a      2880 C:\WABAMUN\MINES\HIGHVS\ISO1\PAT
->3686   6-06-88  10:52a      4096 C:\WABAMUN\MINES\HIGHVS\ISO1\CNT
->3687   6-06-88  10:51a       772 C:\WABAMUN\MINES\HIGHVS\ISO1\NRF
->3688   6-08-88  11:38a      8560 C:\WABAMUN\MINES\HIGHVS\ISO1\AAT
->3689   6-06-88  10:52a      1024 C:\WABAMUN\MINES\HIGHVS\ISO1\CNX
->3690   2-09-89   4:53p     40704 C:\WABAMUN\MINES\HIGHVS\ISO1\ARC
->3691   2-09-89   4:53p      2304 C:\WABAMUN\MINES\HIGHVS\ISO1\ARX
->3692   2-09-89   4:53p      8448 C:\WABAMUN\MINES\HIGHVS\ISO1\PAL
->3693   2-09-89   4:53p      1024 C:\WABAMUN\MINES\HIGHVS\ISO1\PAX
->3694   6-07-88   1:24p        16 C:\WABAMUN\MINES\HIGHVS\HWY\BND
->3695   3-03-88  11:10a        48 C:\WABAMUN\MINES\HIGHVS\HWY\TIC
->3696   6-07-88   1:23p        12 C:\WABAMUN\MINES\HIGHVS\HWY\TOL
->3697   6-07-88   1:28p       635 C:\WABAMUN\MINES\HIGHVS\HWY\LOG
->3698  11-08-88   1:42p      4352 C:\WABAMUN\MINES\HIGHVS\HWY\ARC
->3699   6-07-88   1:24p      2592 C:\WABAMUN\MINES\HIGHVS\HWY\AAT
->3700  11-08-88   1:42p      1024 C:\WABAMUN\MINES\HIGHVS\HWY\ARX
->3701   6-07-88   1:24p       320 C:\WABAMUN\MINES\HIGHVS\HWY\NRF
->3702   6-07-88   1:26p        16 C:\WABAMUN\MINES\HIGHVS\MDB\BND
->3703   3-03-88  10:54a        48 C:\WABAMUN\MINES\HIGHVS\MDB\TIC
->3704   6-07-88   1:26p        12 C:\WABAMUN\MINES\HIGHVS\MDB\TOL
->3705   6-07-88   1:29p       744 C:\WABAMUN\MINES\HIGHVS\MDB\LOG
->3706   6-09-88  11:37a       768 C:\WABAMUN\MINES\HIGHVS\MDB\ARC
->3707   6-07-88   1:26p        64 C:\WABAMUN\MINES\HIGHVS\MDB\AAT
->3708   6-09-88  11:37a       512 C:\WABAMUN\MINES\HIGHVS\MDB\ARX
->3709   6-07-88   1:26p        16 C:\WABAMUN\MINES\HIGHVS\MDB\NRF
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->3712  6-22-88   8:49a     942 C:\WABAMUN\MINES\HIGHVS\PERM\LOG
->3713  6-21-88   2:47p      24 C:\WABAMUN\MINES\HIGHVS\PERM\TOL
->3714  6-21-88   2:48p     512 C:\WABAMUN\MINES\HIGHVS\PERM\TXT
->3715  6-21-88   2:48p     512 C:\WABAMUN\MINES\HIGHVS\PERM\TXX
->3716  6-22-88   8:39a     512 C:\WABAMUN\MINES\HIGHVS\PERM\LAB
->3717  6-22-88   8:39a       4 C:\WABAMUN\MINES\HIGHVS\PERM\NRF
->3718  6-22-88   8:39a     512 C:\WABAMUN\MINES\HIGHVS\PERM\CNT
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->3720  2-10-89   8:22a     512 C:\WABAMUN\MINES\HIGHVS\PERM\ARX
->3721  6-22-88   8:39a     512 C:\WABAMUN\MINES\HIGHVS\PERM\CNX
->3722  6-22-88   8:39a      32 C:\WABAMUN\MINES\HIGHVS\PERM\PRF
->3723  2-10-89   8:22a     512 C:\WABAMUN\MINES\HIGHVS\PERM\PAL
->3724  2-10-89   8:22a     512 C:\WABAMUN\MINES\HIGHVS\PERM\PAX
->3725  6-22-88   8:39a      16 C:\WABAMUN\MINES\HIGHVS\PERM\BND
->3726  6-22-88   8:39a      48 C:\WABAMUN\MINES\HIGHVS\PERM\PAT
->3727  5-12-88   3:42p      48 C:\WABAMUN\MINES\HIGHVS\LIC\TIC
->3728  6-22-88   9:05a      28 C:\WABAMUN\MINES\HIGHVS\LIC\AAT
->3729  6-22-88   9:08a     921 C:\WABAMUN\MINES\HIGHVS\LIC\LOG
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->3732  6-21-88   2:53p     512 C:\WABAMUN\MINES\HIGHVS\LIC\TXX
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->3734  6-22-88   9:01a       4 C:\WABAMUN\MINES\HIGHVS\LIC\NRF
->3735  6-22-88   9:01a     512 C:\WABAMUN\MINES\HIGHVS\LIC\CNT
->3736  2-10-89   8:22a     512 C:\WABAMUN\MINES\HIGHVS\LIC\ARC
->3737  2-10-89   8:22a     512 C:\WABAMUN\MINES\HIGHVS\LIC\ARX
->3738  6-22-88   9:01a     512 C:\WABAMUN\MINES\HIGHVS\LIC\CNX
->3739  6-22-88   9:01a      32 C:\WABAMUN\MINES\HIGHVS\LIC\PRF
->3740  2-10-89   8:22a     512 C:\WABAMUN\MINES\HIGHVS\LIC\PAL
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->3743  6-22-88   9:02a      44 C:\WABAMUN\MINES\HIGHVS\LIC\PAT
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->3745  4-07-88   8:32a      48 C:\WABAMUN\MINES\HIGHVS\STAT\TIC
->3746  6-14-88  11:19a     589 C:\WABAMUN\MINES\HIGHVS\STAT\LOG
->3747  6-14-88  11:23a    6800 C:\WABAMUN\MINES\HIGHVS\STAT\PAT
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->3753 10-11-88   3:07p      74 C:\WABAMUN\MINES\WHITE\PRINTER.SML
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->3755  3-03-89   4:39p    6354 C:\WABAMUN\MINES\WHITE\MANUAL.SML
->3756  2-08-89  11:37a      24 C:\WABAMUN\MINES\WHITE\LOG.TIM
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->3758 10-14-88  11:42a     137 C:\WABAMUN\MINES\WHITE\FMS.KEY
->3759 10-14-88   1:33p     187 C:\WABAMUN\MINES\WHITE\ISO3.KEY
->3760  2-08-89  11:37a     226 C:\WABAMUN\MINES\WHITE\FORT1
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->3765  3-23-88   3:54p    3072 C:\WABAMUN\MINES\WHITE\ISO3\LAB
->3766  3-23-88   3:54p     676 C:\WABAMUN\MINES\WHITE\ISO3\NRF
->3767  3-23-88   3:54p    2304 C:\WABAMUN\MINES\WHITE\ISO3\CNT
->3768  2-08-89   4:02p   36352 C:\WABAMUN\MINES\WHITE\ISO3\ARC
->3769  2-08-89   4:02p    2048 C:\WABAMUN\MINES\WHITE\ISO3\ARX
->3770  3-23-88   3:54p    1024 C:\WABAMUN\MINES\WHITE\ISO3\CNX
->3771  3-23-88   3:54p    1248 C:\WABAMUN\MINES\WHITE\ISO3\PRF
->3772  2-08-89   4:02p    7936 C:\WABAMUN\MINES\WHITE\ISO3\PAL
->3773  2-08-89   4:02p    1024 C:\WABAMUN\MINES\WHITE\ISO3\PAX
->3774  3-23-88   3:54p      16 C:\WABAMUN\MINES\WHITE\ISO3\BND
->3775  3-23-88   3:57p    2808 C:\WABAMUN\MINES\WHITE\ISO3\PAT
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->3777  6-02-88   8:14a     432 C:\WABAMUN\MINES\WHITE\INFO\ARC000.NIT
->3778  6-02-88   8:14a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC000.DAT
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->3782  6-02-88   8:14a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC002.DAT
->3783  6-02-88   8:14a    1008 C:\WABAMUN\MINES\WHITE\INFO\ARC003.NIT
->3784  6-02-88   8:14a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC003.DAT
->3785  6-02-88   8:14a     432 C:\WABAMUN\MINES\WHITE\INFO\ARC004.NIT
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->3786  6-02-88   8:14a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC004.DAT
->3787  6-02-88   8:14a     576 C:\WABAMUN\MINES\WHITE\INFO\ARC005.NIT
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->3790  6-02-88   8:14a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC006.DAT
->3791  6-02-88   8:14a    1296 C:\WABAMUN\MINES\WHITE\INFO\ARC007.NIT
->3792  6-02-88   8:14a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC007.DAT
->3793  6-02-88   8:15a     432 C:\WABAMUN\MINES\WHITE\INFO\ARC008.NIT
->3794  6-02-88   8:15a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC008.DAT
->3795  6-02-88   8:15a     576 C:\WABAMUN\MINES\WHITE\INFO\ARC009.NIT
->3796  6-02-88   8:15a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC009.DAT
->3797  6-02-88   8:15a    1008 C:\WABAMUN\MINES\WHITE\INFO\ARC010.NIT
->3798  6-02-88   8:15a      80 C:\WABAMUN\MINES\WHITE\INFO\ARC010.DAT
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->3861  6-09-88   1:58p     576 C:\WABAMUN\MINES\WHITE\INFO\ARC042.NIT
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->3887   3-24-88   8:00a      1184 C:\WABAMUN\MINES\WHITE\SCTJ\PRF
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->3889  10-27-88   1:30p      1024 C:\WABAMUN\MINES\WHITE\SCTJ\PAX
->3890   3-24-88   8:00a        16 C:\WABAMUN\MINES\WHITE\SCTJ\BND
->3891   3-24-88   8:00a      2664 C:\WABAMUN\MINES\WHITE\SCTJ\PAT
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->3894   6-02-88   8:15a      2062 C:\WABAMUN\MINES\WHITE\FMS\LOG
->3895   3-21-88  11:29a        24 C:\WABAMUN\MINES\WHITE\FMS\TOL
->3896   3-23-88   4:39p      2816 C:\WABAMUN\MINES\WHITE\FMS\LAB
->3897   3-23-88   4:39p       696 C:\WABAMUN\MINES\WHITE\FMS\NRF
->3898   3-23-88   4:39p      2304 C:\WABAMUN\MINES\WHITE\FMS\CNT
->3899   2-08-89   3:52p     59136 C:\WABAMUN\MINES\WHITE\FMS\ARC
->3900   2-08-89   3:52p      1792 C:\WABAMUN\MINES\WHITE\FMS\ARX
->3901   3-23-88   4:39p      1024 C:\WABAMUN\MINES\WHITE\FMS\CNX
->3902   3-23-88   4:39p      1136 C:\WABAMUN\MINES\WHITE\FMS\PRF
->3903   2-08-89   3:52p      7424 C:\WABAMUN\MINES\WHITE\FMS\PAL
->3904   2-08-89   3:52p      1024 C:\WABAMUN\MINES\WHITE\FMS\PAX
->3905   3-23-88   4:39p        16 C:\WABAMUN\MINES\WHITE\FMS\BND
->3906   3-23-88   4:39p      2556 C:\WABAMUN\MINES\WHITE\FMS\PAT
->3907   5-12-88   3:48p        48 C:\WABAMUN\MINES\WHITE\MINED\TIC
->3908   6-22-88   8:23a        56 C:\WABAMUN\MINES\WHITE\MINED\AAT
->3909   6-22-88   8:25a       585 C:\WABAMUN\MINES\WHITE\MINED\LOG
->3910   6-21-88   2:42p        24 C:\WABAMUN\MINES\WHITE\MINED\TOL
->3911   6-21-88   2:43p       512 C:\WABAMUN\MINES\WHITE\MINED\TXT
->3912   6-21-88   2:43p       512 C:\WABAMUN\MINES\WHITE\MINED\TXX
->3913   6-22-88   8:22a       512 C:\WABAMUN\MINES\WHITE\MINED\LAB
->3914   6-22-88   8:22a         8 C:\WABAMUN\MINES\WHITE\MINED\NRF
->3915   6-22-88   8:22a       512 C:\WABAMUN\MINES\WHITE\MINED\CNT
->3916   2-08-89  11:48a      1536 C:\WABAMUN\MINES\WHITE\MINED\ARC
->3917   2-08-89  11:48a       512 C:\WABAMUN\MINES\WHITE\MINED\ARX
->3918   6-22-88   8:22a       512 C:\WABAMUN\MINES\WHITE\MINED\CNX
->3919   6-22-88   8:22a        48 C:\WABAMUN\MINES\WHITE\MINED\PAT
->3920   2-08-89  11:48a       512 C:\WABAMUN\MINES\WHITE\MINED\PAL
->3921   2-08-89  11:48a       512 C:\WABAMUN\MINES\WHITE\MINED\PAX
->3922   6-22-88   8:22a        16 C:\WABAMUN\MINES\WHITE\MINED\BND
->3923   6-14-88  11:15a        16 C:\WABAMUN\MINES\WHITE\STAT\BND
->3924   4-07-88   8:32a        48 C:\WABAMUN\MINES\WHITE\STAT\TIC
->3925   6-14-88  11:15a       588 C:\WABAMUN\MINES\WHITE\STAT\LOG
->3926   6-14-88  11:16a        50 C:\WABAMUN\MINES\WHITE\STAT\PAT
->3927   6-14-88  10:38a       512 C:\WABAMUN\MINES\WHITE\STAT\TXT
->3928   6-14-88  10:38a       512 C:\WABAMUN\MINES\WHITE\STAT\TXX
->3929   6-14-88  11:15a        16 C:\WABAMUN\MINES\WHITE\STAT\PRF
->3930   2-08-89   3:59p       512 C:\WABAMUN\MINES\WHITE\STAT\LAB
->3931   5-12-88   3:50p        48 C:\WABAMUN\MINES\WHITE\PERM\TIC
->3932   6-22-88   8:37a        28 C:\WABAMUN\MINES\WHITE\PERM\AAT
->3933   6-22-88   8:42a       941 C:\WABAMUN\MINES\WHITE\PERM\LOG
->3934   6-21-88   2:45p        24 C:\WABAMUN\MINES\WHITE\PERM\TOL
->3935   6-21-88   2:46p       512 C:\WABAMUN\MINES\WHITE\PERM\TXT
->3936   6-21-88   2:46p       512 C:\WABAMUN\MINES\WHITE\PERM\TXX
->3937   6-22-88   8:37a       512 C:\WABAMUN\MINES\WHITE\PERM\LAB
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->3938  6-22-88   8:37a      4 C:\WABAMUN\MINES\WHITE\PERM\NRF
->3939  6-22-88   8:37a    512 C:\WABAMUN\MINES\WHITE\PERM\CNT
->3940  2-08-89   4:00p    512 C:\WABAMUN\MINES\WHITE\PERM\ARC
->3941  2-08-89   4:00p    512 C:\WABAMUN\MINES\WHITE\PERM\ARX
->3942  6-22-88   8:37a    512 C:\WABAMUN\MINES\WHITE\PERM\CNX
->3943  6-22-88   8:37a     32 C:\WABAMUN\MINES\WHITE\PERM\PRF
->3944  2-08-89   4:00p    512 C:\WABAMUN\MINES\WHITE\PERM\PAL
->3945  2-08-89   4:00p    512 C:\WABAMUN\MINES\WHITE\PERM\PAX
->3946  6-22-88   8:37a     16 C:\WABAMUN\MINES\WHITE\PERM\BND
->3947  6-22-88   8:37a     48 C:\WABAMUN\MINES\WHITE\PERM\PAT
->3948  6-07-88   2:22p     48 C:\WABAMUN\MINES\WHITE\BND\TIC
->3949  6-07-88   2:24p     28 C:\WABAMUN\MINES\WHITE\BND\AAT
->3950  6-09-88   1:47p    158 C:\WABAMUN\MINES\WHITE\BND\LOG
->3951  6-09-88   1:47p    512 C:\WABAMUN\MINES\WHITE\BND\LAB
->3952  6-07-88   2:24p      4 C:\WABAMUN\MINES\WHITE\BND\NRF
->3953  6-07-88   2:24p    512 C:\WABAMUN\MINES\WHITE\BND\CNT
->3954  6-14-88  10:38a    768 C:\WABAMUN\MINES\WHITE\BND\ARC
->3955  6-14-88  10:38a    512 C:\WABAMUN\MINES\WHITE\BND\ARX
->3956  6-07-88   2:24p    512 C:\WABAMUN\MINES\WHITE\BND\CNX
->3957  6-07-88   2:24p     32 C:\WABAMUN\MINES\WHITE\BND\PAT
->3958  6-14-88  10:38a    512 C:\WABAMUN\MINES\WHITE\BND\PAL
->3959  6-14-88  10:38a    512 C:\WABAMUN\MINES\WHITE\BND\PAX
->3960  6-07-88   2:24p     16 C:\WABAMUN\MINES\WHITE\BND\BND
->3961  5-12-88   3:42p     48 C:\WABAMUN\MINES\WHITE\LIC\TIC
->3962  6-22-88   9:04a     28 C:\WABAMUN\MINES\WHITE\LIC\AAT
->3963  6-22-88   9:07a    920 C:\WABAMUN\MINES\WHITE\LIC\LOG
->3964  6-21-88   2:51p     24 C:\WABAMUN\MINES\WHITE\LIC\TOL
->3965  6-21-88   2:51p    512 C:\WABAMUN\MINES\WHITE\LIC\TXT
->3966  6-21-88   2:51p    512 C:\WABAMUN\MINES\WHITE\LIC\TXX
->3967  6-22-88   8:59a    512 C:\WABAMUN\MINES\WHITE\LIC\LAB
->3968  6-22-88   8:59a      4 C:\WABAMUN\MINES\WHITE\LIC\NRF
->3969  6-22-88   8:59a    512 C:\WABAMUN\MINES\WHITE\LIC\CNT
->3970  2-08-89  11:48a    768 C:\WABAMUN\MINES\WHITE\LIC\ARC
->3971  2-08-89  11:48a    512 C.\WABAMUN\MINES\WHITE\LIC\ARX
->3972  6-22-88   8:59a    512 C:\WABAMUN\MINES\WHITE\LIC\CNX
->3973  6-22-88   8:59a     32 C:\WABAMUN\MINES\WHITE\LIC\PRF
->3974  2-08-89  11:48a    512 C:\WABAMUN\MINES\WHITE\LIC\PAL
->3975  2-08-89  11:48a    512 C:\WABAMUN\MINES\WHITE\LIC\PAX
->3976  6-22-88   8:59a     16 C:\WABAMUN\MINES\WHITE\LIC\BND
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->3978  6-09-88   1:57p     16 C:\WABAMUN\MINES\WHITE\RIV\BND
->3979  3-03-88  11:24a     48 C:\WABAMUN\MINES\WHITE\RIV\TIC
->3980  6-09-88   1:56p     12 C:\WABAMUN\MINES\WHITE\RIV\TOL
->3981  6-09-88   1:57p    585 C:\WABAMUN\MINES\WHITE\RIV\LOG
->3982  2-08-89   4:08p   1024 C:\WABAMUN\MINES\WHITE\RIV\ARC
->3983  6-09-88   1:57p    160 C:\WABAMUN\MINES\WHITE\RIV\AAT
->3984  2-08-89   4:08p    512 C:\WABAMUN\MINES\WHITE\RIV\ARX
->3985  6-09-88   1:57p     28 C:\WABAMUN\MINES\WHITE\RIV\NRF
->3986  6-09-88   1:52p     16 C:\WABAMUN\MINES\WHITE\ATS\BND
->3987  3-03-88   2:28p     48 C:\WABAMUN\MINES\WHITE\ATS\TIC
->3988  6-09-88   1:51p     24 C:\WABAMUN\MINES\WHITE\ATS\TOL
->3989  6-09-88   1:52p   1144 C:\WABAMUN\MINES\WHITE\ATS\LOG
->3990  6-09-88   1:52p   1280 C:\WABAMUN\MINES\WHITE\ATS\LAB
->3991  6-09-88   1:52p    400 C:\WABAMUN\MINES\WHITE\ATS\PAT
->3992  6-09-88   1:52p   1536 C:\WABAMUN\MINES\WHITE\ATS\CNT
->3993  6-09-88   1:52p    128 C:\WABAMUN\MINES\WHITE\ATS\NRF
->3994  6-09-88   1:54p   1760 C:\WABAMUN\MINES\WHITE\ATS\AAT
->3995  6-09-88   1:52p    768 C:\WABAMUN\MINES\WHITE\ATS\CNX
->3996  2-08-89   4:08p   3328 C:\WABAMUN\MINES\WHITE\ATS\ARC
->3997  2-08-89   4:08p   1024 C:\WABAMUN\MINES\WHITE\ATS\ARX
->3998  2-08-89   4:08p   2560 C:\WABAMUN\MINES\WHITE\ATS\PAL
->3999  2-08-89   4:08p    768 C:\WABAMUN\MINES\WHITE\ATS\PAX
->4000  6-09-88   1:58p     16 C:\WABAMUN\MINES\WHITE\LAK\BND
->4001  3-03-88   9:57a     48 C:\WABAMUN\MINES\WHITE\LAK\TIC
->4002  6-09-88   1:57p     12 C:\WABAMUN\MINES\WHITE\LAK\TOL
->4003  6-09-88   1:58p    727 C:\WABAMUN\MINES\WHITE\LAK\LOG
->4004  2-08-89   4:08p   1024 C:\WABAMUN\MINES\WHITE\LAK\ARC
->4005  6-09-88   1:57p     96 C:\WABAMUN\MINES\WHITE\LAK\AAT
->4006  2-08-89   4:08p    512 C:\WABAMUN\MINES\WHITE\LAK\ARX
->4007  6-09-88   1:57p     16 C:\WABAMUN\MINES\WHITE\LAK\NRF
->4008  6-09-88   1:58p     16 C:\WABAMUN\MINES\WHITE\HWY\BND
->4009  3-03-88  11:10a     48 C:\WABAMUN\MINES\WHITE\HWY\TIC
->4010  6-09-88   1:58p     12 C:\WABAMUN\MINES\WHITE\HWY\TOL
->4011  6-09-88   1:58p    643 C:\WABAMUN\MINES\WHITE\HWY\LOG
->4012  2-08-89   4:08p   4352 C:\WABAMUN\MINES\WHITE\HWY\ARC
->4013  6-09-88   1:58p   2304 C:\WABAMUN\MINES\WHITE\HWY\AAT
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->4014  2-08-89   4:08p      1024 C:\WABAMUN\MINES\WHITE\HWY\ARX
->4015  6-09-88   1:58p       280 C:\WABAMUN\MINES\WHITE\HWY\NRF
->4016  6-09-88   2:00p        16 C:\WABAMUN\MINES\WHITE\SET\BND
->4017  3-03-88   9:38a        48 C:\WABAMUN\MINES\WHITE\SET\TIC
->4018  6-09-88   1:59p        12 C:\WABAMUN\MINES\WHITE\SET\TOL
->4019  6-09-88   2:00p       858 C:\WABAMUN\MINES\WHITE\SET\LOG
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->4021  6-09-88   2:00p        32 C:\WABAMUN\MINES\WHITE\SET\AAT
->4022  6-09-88   2:02p       512 C:\WABAMUN\MINES\WHITE\SET\ARX
->4023  6-09-88   1:59p         8 C:\WABAMUN\MINES\WHITE\SET\NRF
->4024  6-09-88   2:00p        16 C:\WABAMUN\MINES\WHITE\MDB\BND
->4025  3-03-88  10:54a        48 C:\WABAMUN\MINES\WHITE\MDB\TIC
->4026  6-09-88   2:00p        12 C:\WABAMUN\MINES\WHITE\MDB\TOL
->4027  6-09-88   2:00p       752 C:\WABAMUN\MINES\WHITE\MDB\LOG
->4028  2-08-89   4:08p       512 C:\WABAMUN\MINES\WHITE\MDB\ARC
->4029  6-09-88   2:00p        64 C:\WABAMUN\MINES\WHITE\MDB\AAT
->4030  2-08-89   4:08p       512 C:\WABAMUN\MINES\WHITE\MDB\ARX
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->4032  2-16-89  11:08a      2014 C:\WABAMUN\MINES\GENE\LOG
->4033  3-03-89   4:37p     12901 C:\WABAMUN\MINES\GENE\MANUAL.SML
->4034 10-14-88   8:30a        99 C:\WABAMUN\MINES\GENE\HSC.KEY
->4035  9-14-88   8:27a       143 C:\WABAMUN\MINES\GENE\OTC.KEY
->4036  3-03-89   2:04p     12899 C:\WABAMUN\MINES\GENE\MANUAL.~SM
->4037  9-28-88  10:38a        56 C:\WABAMUN\MINES\GENE\PRINTER.~SM
->4038 10-11-88   3:07p        74 C:\WABAMUN\MINES\GENE\PRINTER.SML
->4039 10-11-88   3:29p        86 C:\WABAMUN\MINES\GENE\DRILLH.KEY
->4040 10-14-88   9:30a       108 C:\WABAMUN\MINES\GENE\SCHS.KEY
->4041 10-14-88   8:31a       123 C:\WABAMUN\MINES\GENE\TUM.KEY
->4042 10-14-88   8:30a       107 C:\WABAMUN\MINES\GENE\TLM.KEY
->4043 10-14-88   9:04a       117 C:\WABAMUN\MINES\GENE\ACLM.KEY
->4044 10-14-88   9:05a       103 C:\WABAMUN\MINES\GENE\SCLM.KEY
->4045 10-27-88   2:35p       137 C:\WABAMUN\MINES\GENE\ACHS.KEY
->4046 10-14-88   9:32a     35720 C:\WABAMUN\MINES\GENE\INFO\ARC.DR9
->4047  6-13-88   9:02a       576 C:\WABAMUN\MINES\GENE\INFO\ARC058.NIT
->4048  6-13-88   9:02a        80 C:\WABAMUN\MINES\GENE\INFO\ARC058.DAT
->4049  6-13-88   9:02a       432 C:\WABAMUN\MINES\GENE\INFO\ARC077.NIT
->4050  6-13-88   9:02a        80 C:\WABAMUN\MINES\GENE\INFO\ARC077.DAT
->4051  6-13-88   9:02a       576 C:\WABAMUN\MINES\GENE\INFO\ARC076.NIT
->4052  6-13-88   9:02a        80 C:\WABAMUN\MINES\GENE\INFO\ARC076.DAT
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->4054  6-13-88   9:02a        80 C:\WABAMUN\MINES\GENE\INFO\ARC043.DAT
->4055  6-13-88   9:34a       576 C:\WABAMUN\MINES\GENE\INFO\ARC075.NIT
->4056  6-13-88   9:34a        80 C:\WABAMUN\MINES\GENE\INFO\ARC075.DAT
->4057  6-13-88   9:34a       432 C:\WABAMUN\MINES\GENE\INFO\ARC061.NIT
->4058  6-13-88   9:34a        80 C:\WABAMUN\MINES\GENE\INFO\ARC061.DAT
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->4060  6-13-88   9:34a        80 C:\WABAMUN\MINES\GENE\INFO\ARC057.DAT
->4061  6-13-88   9:34a      1152 C:\WABAMUN\MINES\GENE\INFO\ARC038.NIT
->4062  6-13-88   9:34a        80 C:\WABAMUN\MINES\GENE\INFO\ARC038.DAT
->4063  6-09-88   2:17p       432 C:\WABAMUN\MINES\GENE\INFO\ARC062.NIT
->4064  6-09-88   2:17p        80 C:\WABAMUN\MINES\GENE\INFO\ARC062.DAT
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->4066  6-13-88  10:05a        80 C:\WABAMUN\MINES\GENE\INFO\ARC056.DAT
->4067  6-13-88  10:05a       576 C:\WABAMUN\MINES\GENE\INFO\ARC051.NIT
->4068  6-13-88  10:05a        80 C:\WABAMUN\MINES\GENE\INFO\ARC051.DAT
->4069  6-14-88  11:10a       432 C:\WABAMUN\MINES\GENE\INFO\ARC050.NIT
->4070  6-22-88   8:51a      1008 C:\WABAMUN\MINES\GENE\INFO\ARC037.NIT
->4071  6-13-88  10:05a      1008 C:\WABAMUN\MINES\GENE\INFO\ARC048.NIT
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->4075  6-14-88  11:10a        80 C:\WABAMUN\MINES\GENE\INFO\ARC050.DAT
->4076  6-22-88   8:51a        80 C:\WABAMUN\MINES\GENE\INFO\ARC037.DAT
->4077  6-14-88  11:10a       576 C:\WABAMUN\MINES\GENE\INFO\ARC036.NIT
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->4082  6-22-88   8:51a        80 C:\WABAMUN\MINES\GENE\INFO\ARC034.DAT
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->4086  6-22-88   8:51a        80 C:\WABAMUN\MINES\GENE\INFO\ARC032.DAT
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->4088  6-22-88   9:10a        80 C:\WABAMUN\MINES\GENE\INFO\ARC031.DAT
->4089  6-22-88   9:10a       720 C:\WABAMUN\MINES\GENE\INFO\ARC030.NIT
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->4091  6-22-88  9:10a    576 C:\WABAMUN\MINES\GENE\INFO\ARC029.NIT
->4092  6-22-88  9:10a     80 C:\WABAMUN\MINES\GENE\INFO\ARC029.DAT
->4093  6-22-88  9:10a    432 C:\WABAMUN\MINES\GENE\INFO\ARC028.NIT
->4094  6-22-88  9:10a     80 C:\WABAMUN\MINES\GENE\INFO\ARC028.DAT
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->4096  6-22-88  9:14a     80 C:\WABAMUN\MINES\GENE\INFO\ARC027.DAT
->4097  6-22-88  9:14a    576 C:\WABAMUN\MINES\GENE\INFO\ARC026.NIT
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->4100  6-22-88  9:14a     80 C:\WABAMUN\MINES\GENE\INFO\ARC025.DAT
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->4103  6-22-88  9:16a    576 C:\WABAMUN\MINES\GENE\INFO\ARC023.NIT
->4104  6-22-88  9:16a     80 C:\WABAMUN\MINES\GENE\INFO\ARC023.DAT
->4105  6-22-88  9:16a    864 C:\WABAMUN\MINES\GENE\INFO\ARC022.NIT
->4106  6-22-88  9:16a     80 C:\WABAMUN\MINES\GENE\INFO\ARC022.DAT
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->4111  6-09-88  2:18p    432 C:\WABAMUN\MINES\GENE\INFO\ARC065.NIT
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->4122  6-13-88  8:58a     80 C:\WABAMUN\MINES\GENE\INFO\ARC053.DAT
->4123  6-13-88  8:58a   1296 C:\WABAMUN\MINES\GENE\INFO\ARC052.NIT
->4124  6-13-88  8:58a     80 C:\WABAMUN\MINES\GENE\INFO\ARC052.DAT
->4125  6-13-88  8:38a    432 C:\WABAMUN\MINES\GENE\INFO\ARC047.NIT
->4126  6-13-88  8:56a     80 C:\WABAMUN\MINES\GENE\INFO\ARC047.DAT
->4127  6-13-88  8:38a    576 C:\WABAMUN\MINES\GENE\INFO\ARC046.NIT
->4128  6-13-88  8:56a     80 C:\WABAMUN\MINES\GENE\INFO\ARC046.DAT
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->4130  6-09-88  2:18p     80 C:\WABAMUN\MINES\GENE\INFO\ARC041.DAT
->4131  6-09-88  2:18p    576 C:\WABAMUN\MINES\GENE\INFO\ARC040.NIT
->4132  6-09-88  2:18p     80 C:\WABAMUN\MINES\GENE\INFO\ARC040.DAT
->4133  6-09-88  2:14p    576 C:\WABAMUN\MINES\GENE\INFO\ARC064.NIT
->4134  6-09-88  2:14p     80 C:\WABAMUN\MINES\GENE\INFO\ARC064.DAT
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->4136  6-09-88  2:18p     80 C:\WABAMUN\MINES\GENE\INFO\ARC039.DAT
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->4138  6-09-88  2:20p     80 C:\WABAMUN\MINES\GENE\INFO\ARC066.DAT
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->4142  6-09-88  2:20p     80 C:\WABAMUN\MINES\GENE\INFO\ARC068.DAT
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->4144  6-09-88  2:20p     80 C:\WABAMUN\MINES\GENE\INFO\ARC069.DAT
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->4147  6-09-88  2:20p   1152 C:\WABAMUN\MINES\GENE\INFO\ARC071.NIT
->4148  6-09-88  2:20p     80 C:\WABAMUN\MINES\GENE\INFO\ARC071.DAT
->4149  6-09-88  2:21p    432 C:\WABAMUN\MINES\GENE\INFO\ARC072.NIT
->4150  6-09-88  2:21p     80 C:\WABAMUN\MINES\GENE\INFO\ARC072.DAT
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->4152  6-09-88  2:21p     80 C:\WABAMUN\MINES\GENE\INFO\ARC073.DAT
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->4154  6-09-88  2:21p     80 C:\WABAMUN\MINES\GENE\INFO\ARC074.DAT
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->4156  6-13-88  8:56a     80 C:\WABAMUN\MINES\GENE\INFO\ARC045.DAT
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->4160  6-13-88  8:56a     80 C:\WABAMUN\MINES\GENE\INFO\ARC008.DAT
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->4162  6-13-88  8:56a     80 C:\WABAMUN\MINES\GENE\INFO\ARC078.DAT
->4163  6-13-88  8:56a   1008 C:\WABAMUN\MINES\GENE\INFO\ARC079.NIT
->4164  6-13-88  8:56a     80 C:\WABAMUN\MINES\GENE\INFO\ARC079.DAT
->4165  6-13-88  8:56a   1296 C:\WABAMUN\MINES\GENE\INFO\ARC080.NIT
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->4168  6-13-88   8:57a        80 C:\WABAMUN\MINES\GENE\INFO\ARC081.DAT
->4169  6-13-88   8:41a       576 C:\WABAMUN\MINES\GENE\INFO\ARC082.NIT
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->4174  6-13-88   8:57a        80 C:\WABAMUN\MINES\GENE\INFO\ARC084.DAT
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->4176  6-13-88   8:58a        80 C:\WABAMUN\MINES\GENE\INFO\ARC085.DAT
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->4182  6-13-88   8:58a        80 C:\WABAMUN\MINES\GENE\INFO\ARC088.DAT
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->4192  6-13-88   8:53a        80 C:\WABAMUN\MINES\GENE\INFO\ARC093.DAT
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->4198  6-21-88   2:50p       512 C:\WABAMUN\MINES\GENE\PERM\TXX
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->4203  2-08-89   4:29p       512 C:\WABAMUN\MINES\GENE\PERM\ARX
->4204  6-22-88   8:41a       512 C:\WABAMUN\MINES\GENE\PERM\CNX
->4205  6-22-88   8:41a        48 C:\WABAMUN\MINES\GENE\PERM\PRF
->4206  2-08-89   4:29p       512 C:\WABAMUN\MINES\GENE\PERM\PAL
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->4208  6-22-88   8:41a        16 C:\WABAMUN\MINES\GENE\PERM\BND
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->4211  6-22-88   9:05a        28 C:\WABAMUN\MINES\GENE\LIC\AAT
->4212  6-22-88   9:10a       919 C:\WABAMUN\MINES\GENE\LIC\LOG
->4213  6-21-88   2:55p        24 C:\WABAMUN\MINES\GENE\LIC\TOL
->4214  6-21-88   2:55p       512 C:\WABAMUN\MINES\GENE\LIC\TXT
->4215  6-21-88   2:55p       512 C:\WABAMUN\MINES\GENE\LIC\TXX
->4216  6-22-88   9:03a       512 C:\WABAMUN\MINES\GENE\LIC\LAB
->4217  6-22-88   9:03a         4 C:\WABAMUN\MINES\GENE\LIC\NRF
->4218  6-22-88   9:03a       512 C:\WABAMUN\MINES\GENE\LIC\CNT
->4219  2-08-89   4:29p       512 C:\WABAMUN\MINES\GENE\LIC\ARC
->4220  2-08-89   4:29p       512 C:\WABAMUN\MINES\GENE\LIC\ARX
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->4222  6-22-88   9:03a        32 C:\WABAMUN\MINES\GENE\LIC\PRF
->4223  2-08-89   4:29p       512 C:\WABAMUN\MINES\GENE\LIC\PAL
->4224  2-08-89   4:29p       512 C:\WABAMUN\MINES\GENE\LIC\PAX
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->4226  6-22-88   9:03a        44 C:\WABAMUN\MINES\GENE\LIC\PAT
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->4228  4-07-88   8:32a        48 C:\WABAMUN\MINES\GENE\STAT\TIC
->4229  6-14-88  11:10a       587 C:\WABAMUN\MINES\GENE\STAT\LOG
->4230  6-14-88  11:17a       800 C:\WABAMUN\MINES\GENE\STAT\PAT
->4231  6-14-88  10:39a       512 C:\WABAMUN\MINES\GENE\STAT\TXT
->4232  6-14-88  10:39a       512 C:\WABAMUN\MINES\GENE\STAT\TXX
->4233  6-14-88  11:10a       256 C:\WABAMUN\MINES\GENE\STAT\PRF
->4234  2-08-89   4:29p      1024 C:\WABAMUN\MINES\GENE\STAT\LAB
->4235  6-21-88   2:58p        16 C:\WABAMUN\MINES\GENE\SURF\BND
->4236  5-12-88   4:33p        48 C:\WABAMUN\MINES\GENE\SURF\TIC
->4237  6-22-88   9:14a       654 C:\WABAMUN\MINES\GENE\SURF\LOG
->4238  2-08-89   4:30p       512 C:\WABAMUN\MINES\GENE\SURF\LAB
->4239  6-21-88   2:58p       512 C:\WABAMUN\MINES\GENE\SURF\TXT
->4240  6-21-88   2:58p        52 C:\WABAMUN\MINES\GENE\SURF\PAT
->4241  6-21-88   2:58p       512 C:\WABAMUN\MINES\GENE\SURF\TXX
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->4244  6-22-88   9:16a       705 C:\WABAMUN\MINES\GENE\UNCERT\LOG
->4245  6-21-88   3:01p       512 C:\WABAMUN\MINES\GENE\UNCERT\LAB
->4246  6-21-88   3:01p       512 C:\WABAMUN\MINES\GENE\UNCERT\TXT
->4247  6-21-88   3:00p        48 C:\WABAMUN\MINES\GENE\UNCERT\PAT
->4248  6-21-88   3:01p       512 C:\WABAMUN\MINES\GENE\UNCERT\TXX
->4249  2-21-89  12:07p     25088 C:\WABAMUN\MINES\GENE\MAP1\E0001.PLT
->4250  2-21-89  12:07p     32256 C:\WABAMUN\MINES\GENE\MAP1\E0002.PLT
->4251  4-27-88   9:07a        48 C:\WABAMUN\MINES\GENE\TUM\TIC
->4252  6-13-88   9:02a       772 C:\WABAMUN\MINES\GENE\TUM\LOG
->4253  6-13-88   8:27a        24 C:\WABAMUN\MINES\GENE\TUM\TOL
->4254  6-13-88   9:02a       512 C:\WABAMUN\MINES\GENE\TUM\LAB
->4255  6-13-88   9:02a       604 C:\WABAMUN\MINES\GENE\TUM\NRF
->4256  6-13-88   9:02a       768 C:\WABAMUN\MINES\GENE\TUM\CNT
->4257 11-23-88   9:56a     22528 C:\WABAMUN\MINES\GENE\TUM\ARC
->4258 11-23-88   9:56a      1536 C:\WABAMUN\MINES\GENE\TUM\ARX
->4259  6-13-88   9:02a       512 C:\WABAMUN\MINES\GENE\TUM\CNX
->4260  6-13-88   9:02a       272 C:\WABAMUN\MINES\GENE\TUM\PAT
->4261 11-23-88   9:56a      3840 C:\WABAMUN\MINES\GENE\TUM\PAL
->4262 11-23-88   9:56a       512 C:\WABAMUN\MINES\GENE\TUM\PAX
->4263  6-13-88   9:02a        16 C:\WABAMUN\MINES\GENE\TUM\BND
->4264  6-13-88   9:02a      3836 C:\WABAMUN\MINES\GENE\TUM\ARF
->4265  6-13-88   9:02a      4932 C:\WABAMUN\MINES\GENE\TUM\AAT
->4266  4-25-88   1:55p        48 C:\WABAMUN\MINES\GENE\HSC\TIC
->4267  6-13-88   8:54a      1030 C:\WABAMUN\MINES\GENE\HSC\LOG
->4268  6-13-88   8:25a        24 C:\WABAMUN\MINES\GENE\HSC\TOL
->4269  6-13-88   8:49a       512 C:\WABAMUN\MINES\GENE\HSC\LAB
->4270  6-13-88   8:49a       624 C:\WABAMUN\MINES\GENE\HSC\NRF
->4271  6-13-88   8:49a       768 C:\WABAMUN\MINES\GENE\HSC\CNT
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->4273  2-08-89   4:46p      1536 C:\WABAMUN\MINES\GENE\HSC\ARX
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->4275  6-13-88   8:49a       160 C:\WABAMUN\MINES\GENE\HSC\PAT
->4276  2-08-89   4:46p      3584 C:\WABAMUN\MINES\GENE\HSC\PAL
->4277  2-08-89   4:46p       512 C:\WABAMUN\MINES\GENE\HSC\PAX
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->4279  6-13-88   8:49a      3612 C:\WABAMUN\MINES\GENE\HSC\ARF
->4280  6-13-88   8:49a      4644 C:\WABAMUN\MINES\GENE\HSC\AAT
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->4282  6-13-88   9:34a      1075 C:\WABAMUN\MINES\GENE\TLM\LOG
->4283  6-13-88   8:29a        24 C:\WABAMUN\MINES\GENE\TLM\TOL
->4284  6-13-88   9:34a       512 C:\WABAMUN\MINES\GENE\TLM\LAB
->4285  6-13-88   9:34a       612 C:\WABAMUN\MINES\GENE\TLM\NRF
->4286  6-13-88   9:34a      1024 C:\WABAMUN\MINES\GENE\TLM\CNT
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->4288 11-08-88  11:11a      1536 C:\WABAMUN\MINES\GENE\TLM\ARX
->4289  6-13-88   9:34a       768 C:\WABAMUN\MINES\GENE\TLM\CNX
->4290  6-13-88   9:34a       512 C:\WABAMUN\MINES\GENE\TLM\PAT
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->4294  6-13-88   9:34a      4032 C:\WABAMUN\MINES\GENE\TLM\ARF
->4295  6-13-88   9:34a      5184 C:\WABAMUN\MINES\GENE\TLM\AAT
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->4297  4-27-88   1:23p        48 C:\WABAMUN\MINES\GENE\SCLM\TIC
->4298  6-13-88   8:33a        24 C:\WABAMUN\MINES\GENE\SCLM\TOL
->4299  6-13-88   8:58a       801 C:\WABAMUN\MINES\GENE\SCLM\LOG
->4300  6-13-88   8:34a      1280 C:\WABAMUN\MINES\GENE\SCLM\LAB
->4301  6-13-88   8:34a       936 C:\WABAMUN\MINES\GENE\SCLM\PAT
->4302  6-13-88   8:34a      1536 C:\WABAMUN\MINES\GENE\SCLM\CNT
->4303  6-13-88   8:34a       176 C:\WABAMUN\MINES\GENE\SCLM\NRF
->4304  6-13-88  10:58a      2320 C:\WABAMUN\MINES\GENE\SCLM\AAT
->4305  6-13-88   8:34a       768 C:\WABAMUN\MINES\GENE\SCLM\CNX
->4306  2-16-89  11:08a     18176 C:\WABAMUN\MINES\GENE\SCLM\ARC
->4307  2-16-89  11:08a      1024 C:\WABAMUN\MINES\GENE\SCLM\ARX
->4308  2-16-89  11:08a      2816 C:\WABAMUN\MINES\GENE\SCLM\PAL
->4309 10-27-88   2:10p       768 C:\WABAMUN\MINES\GENE\SCLM\PAX
->4310  4-27-88   3:03p        48 C:\WABAMUN\MINES\GENE\DCLM\TIC
->4311  6-13-88  10:05a      3136 C:\WABAMUN\MINES\GENE\DCLM\ARF
->4312  6-13-88  10:05a      1481 C:\WABAMUN\MINES\GENE\DCLM\LOG
->4313  6-13-88   8:35a        24 C:\WABAMUN\MINES\GENE\DCLM\TOL
->4314  6-13-88  10:05a      1792 C:\WABAMUN\MINES\GENE\DCLM\LAB
->4315  6-13-88  10:05a       328 C:\WABAMUN\MINES\GENE\DCLM\NRF
->4316  6-13-88  10:05a      1536 C:\WABAMUN\MINES\GENE\DCLM\CNT
->4317  6-13-88  10:06a     25600 C:\WABAMUN\MINES\GENE\DCLM\ARC
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->4318  6-13-88  10:06a      1280 C:\WABAMUN\MINES\GENE\DCLM\ARX
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->4321  6-13-88  10:05a      4352 C:\WABAMUN\MINES\GENE\DCLM\PAL
->4322  6-13-88  10:05a       768 C:\WABAMUN\MINES\GENE\DCLM\PAX
->4323  6-13-88  10:05a        16 C:\WABAMUN\MINES\GENE\DCLM\BND
->4324  6-13-88  10:05a      1476 C:\WABAMUN\MINES\GENE\DCLM\PAT
->4325  6-13-88  10:05a      4480 C:\WABAMUN\MINES\GENE\DCLM\AAT
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->4327  5-02-88   3:44p        48 C:\WABAMUN\MINES\GENE\ACHS\TIC
->4328  6-13-88   8:37a        24 C:\WABAMUN\MINES\GENE\ACHS\TOL
->4329  6-13-88   8:56a      1100 C:\WABAMUN\MINES\GENE\ACHS\LOG
->4330  6-13-88   8:38a      1280 C:\WABAMUN\MINES\GENE\ACHS\LAB
->4331  6-13-88   8:38a       792 C:\WABAMUN\MINES\GENE\ACHS\PAT
->4332  6-13-88   8:38a      1536 C:\WABAMUN\MINES\GENE\ACHS\CNT
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->4334  6-13-88  10:09a      2480 C:\WABAMUN\MINES\GENE\ACHS\AAT
->4335  6-13-88   8:38a       768 C:\WABAMUN\MINES\GENE\ACHS\CNX
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->4338  2-21-89  12.07p      2560 C:\WABAMUN\MINES\GENE\ACHS\PAL
->4339  2-21-89  12:07p       768 C:\WABAMUN\MINES\GENE\ACHS\PAX
->4340  6-09-88   2:18p        16 C:\WABAMUN\MINES\GENE\ATS\BND
->4341  3-03-88   2:28p        48 C:\WABAMUN\MINES\GENE\ATS\TIC
->4342  6-09-88   2:18p        24 C:\WABAMUN\MINES\GENE\ATS\TOL
->4343  6-09-88   2:26p      1179 C:\WABAMUN\MINES\GENE\ATS\LOG
->4344  6-09-88   2:18p      1536 C:\WABAMUN\MINES\GENE\ATS\LAB
->4345  6-09-88   2:18p       496 C:\WABAMUN\MINES\GENE\ATS\PAT
->4346  6-09-88   2:18p      1792 C:\WABAMUN\MINES\GENE\ATS\CNT
->4347  6-09-88   2:18p       164 C:\WABAMUN\MINES\GENE\ATS\NRF
->4348  6-09-88   2:26p      2240 C:\WABAMUN\MINES\GENE\ATS\AAT
->4349  6-09-88   2:18p       768 C:\WABAMUN\MINES\GENE\ATS\CNX
->4350  2-21-89  12:06p      4352 C:\WABAMUN\MINES\GENE\ATS\ARC
->4351  2-21-89  12:06p      1024 C:\WABAMUN\MINES\GENE\ATS\ARX
->4352  2-21-89  12:06p      3072 C:\WABAMUN\MINES\GENE\ATS\PAL
->4353  2-21-89  12:06p       768 C:\WABAMUN\MINES\GENE\ATS\PAX
->4354  4-25-88   1:55p        48 C:\WABAMUN\MINES\GENE\BND\TIC
->4355  6-09-88   2:16p        28 C:\WABAMUN\MINES\GENE\BND\ARF
->4356  6-09-88   2:17p       681 C:\WABAMUN\MINES\GENE\BND\LOG
->4357  6-09-88   2:13p        24 C:\WABAMUN\MINES\GENE\BND\TOL
->4358  6-09-88   2:16p       512 C:\WABAMUN\MINES\GENE\BND\LAB
->4359  6-09-88   2:16p         4 C:\WABAMUN\MINES\GENE\BND\NRF
->4360  6-09-88   2:16p       512 C:\WABAMUN\MINES\GENE\BND\CNT
->4361  6-14-88  10:39a      1024 C:\WABAMUN\MINES\GENE\BND\ARC
->4362  6-14-88  10:39a       512 C:\WABAMUN\MINES\GENE\BND\ARX
->4363  6-09-88   2:16p       512 C:\WABAMUN\MINES\GENE\BND\CNX
->4364  6-09-88   2:16p        32 C:\WABAMUN\MINES\GENE\BND\PAT
->4365  6-14-88  10:38a       512 C:\WABAMUN\MINES\GENE\BND\PAL
->4366  6-14-88  10:38a       512 C:\WABAMUN\MINES\GENE\BND\PAX
->4367  6-09-88   2:16p        16 C:\WABAMUN\MINES\GENE\BND\BND
->4368  6-09-88   2:17p        32 C:\WABAMUN\MINES\GENE\BND\AAT
->4369  6-09-88   2:20p        16 C:\WABAMUN\MINES\GENE\RIV\BND
->4370  3-03-88  11:24a        48 C:\WABAMUN\MINES\GENE\RIV\TIC
->4371  6-09-88   2:19p        12 C:\WABAMUN\MINES\GENE\RIV\TOL
->4372  6-09-88   2:20p       585 C:\WABAMUN\MINES\GENE\RIV\LOG
->4373  2-21-89  12:07p      1792 C:\WABAMUN\MINES\GENE\RIV\ARC
->4374  6-09-88   2:20p       384 C:\WABAMUN\MINES\GENE\RIV\AAT
->4375  2-21-89  12:07p       512 C:\WABAMUN\MINES\GENE\RIV\ARX
->4376  6-09-88   2:20p        60 C:\WABAMUN\MINES\GENE\RIV\NRF
->4377  6-09-88   2:20p        16 C:\WABAMUN\MINES\GENE\LAK\BND
->4378  3-03-88   9:57a        48 C:\WABAMUN\MINES\GENE\LAK\TIC
->4379  6-09-88   2:20p        12 C:\WABAMUN\MINES\GENE\LAK\TOL
->4380  6-09-88   2:20p       727 C:\WABAMUN\MINES\GENE\LAK\LOG
->4381  2-21-89  12:07p       768 C:\WABAMUN\MINES\GENE\LAK\ARC
->4382  6-09-88   2:20p        64 C:\WABAMUN\MINES\GENE\LAK\AAT
->4383  2-21-89  12:07p       512 C:\WABAMUN\MINES\GENE\LAK\ARX
->4384  6-09-88   2:20p         8 C:\WABAMUN\MINES\GENE\LAK\NRF
->4385  6-09-88   2:21p        16 C:\WABAMUN\MINES\GENE\HWY\BND
->4386  3-03-88  11:10a        48 C:\WABAMUN\MINES\GENE\HWY\TIC
->4387  6-09-88   2:21p        12 C:\WABAMUN\MINES\GENE\HWY\TOL
->4388  6-09-88   2:21p       643 C:\WABAMUN\MINES\GENE\HWY\LOG
->4389  7-12-88   4:08p      2048 C:\WABAMUN\MINES\GENE\HWY\ARC
->4390  6-09-88   2:21p       960 C:\WABAMUN\MINES\GENE\HWY\AAT
->4391  7-12-88   4:08p       768 C:\WABAMUN\MINES\GENE\HWY\ARX
->4392  6-09-88   2:21p       112 C:\WABAMUN\MINES\GENE\HWY\NRF
->4393  6-13-88   8:40a        16 C:\WABAMUN\MINES\GENE\ACLM\BND
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->4394   5-03-88   8:15a       48 C:\WABAMUN\MINES\GENE\ACLM\TIC
->4395   6-13-88   8:38a       24 C:\WABAMUN\MINES\GENE\ACLM\TOL
->4396   6-13-88   8:56a      856 C:\WABAMUN\MINES\GENE\ACLM\LOG
->4397   6-13-88   8:40a     1024 C:\WABAMUN\MINES\GENE\ACLM\LAB
->4398   6-13-88   8:39a     2268 C:\WABAMUN\MINES\GENE\ACLM\PAT
->4399   6-13-88   8:39a     1280 C:\WABAMUN\MINES\GENE\ACLM\CNT
->4400   6-13-88   8:39a      120 C:\WABAMUN\MINES\GENE\ACLM\NRF
->4401   6-13-88  10:13a     1520 C:\WABAMUN\MINES\GENE\ACLM\AAT
->4402   6-13-88   8:39a      512 C:\WABAMUN\MINES\GENE\ACLM\CNX
->4403   2-08-89   4:24p    15360 C:\WABAMUN\MINES\GENE\ACLM\ARC
->4404   2-08-89   4:24p      768 C:\WABAMUN\MINES\GENE\ACLM\ARX
->4405   2-08-89   4:24p     2048 C:\WABAMUN\MINES\GENE\ACLM\PAL
->4406   2-08-89   4:24p      512 C:\WABAMUN\MINES\GENE\ACLM\PAX
->4407   6-13-88   8:41a       16 C:\WABAMUN\MINES\GENE\SCHS\BND
->4408   5-03-88   9:46a       48 C:\WABAMUN\MINES\GENE\SCHS\TIC
->4409   6-13-88   8:40a       24 C:\WABAMUN\MINES\GENE\SCHS\TOL
->4410   6-13-88   8:57a      922 C:\WABAMUN\MINES\GENE\SCHS\LOG
->4411   6-13-88   8:41a     1024 C:\WABAMUN\MINES\GENE\SCHS\LAB
->4412   6-13-88   8:41a      648 C:\WABAMUN\MINES\GENE\SCHS\PAT
->4413   6-13-88   8:41a     1280 C:\WABAMUN\MINES\GENE\SCHS\CNT
->4414   6-13-88   8:41a      156 C:\WABAMUN\MINES\GENE\SCHS\NRF
->4415   6-13-88  10:55a     2160 C:\WABAMUN\MINES\GENE\SCHS\AAT
->4416   6-13-88   8:41a      512 C:\WABAMUN\MINES\GENE\SCHS\CNX
->4417  10-27-88   2:08p    13824 C:\WABAMUN\MINES\GENE\SCHS\ARC
->4418  10-27-88   2:08p     1024 C:\WABAMUN\MINES\GENE\SCHS\ARX
->4419  10-27-88   2:08p     2304 C:\WABAMUN\MINES\GENE\SCHS\PAL
->4420  10-27-88   2:08p      512 C:\WABAMUN\MINES\GENE\SCHS\PAX
->4421   6-13-88   8:44a       16 C:\WABAMUN\MINES\GENE\OTC\BND
->4422   5-04-88   8:20a       48 C:\WABAMUN\MINES\GENE\OTC\TIC
->4423   6-13-88   8:42a       24 C:\WABAMUN\MINES\GENE\OTC\TOL
->4424   6-13-88   8:58a      901 C:\WABAMUN\MINES\GENE\OTC\LOG
->4425   6-13-88   8:44a     2560 C:\WABAMUN\MINES\GENE\OTC\LAB
->4426   6-13-88   8:44a     2304 C:\WABAMUN\MINES\GENE\OTC\PAT
->4427   6-13-88   8:43a     3328 C:\WABAMUN\MINES\GENE\OTC\CNT
->4428   6-13-88   8:43a      400 C:\WABAMUN\MINES\GENE\OTC\NRF
->4429   6-13-88  11:00a     5080 C:\WABAMUN\MINES\GENE\OTC\AAT
->4430   6-13-88   8:43a     1024 C:\WABAMUN\MINES\GENE\OTC\CNX
->4431   2-08-89   4:10p    26368 C:\WABAMUN\MINES\GENE\OTC\ARC
->4432   2-08-89   4:10p     1536 C:\WABAMUN\MINES\GENE\OTC\ARX
->4433   2-08-89   4:10p     5632 C:\WABAMUN\MINES\GENE\OTC\PAL
->4434   2-08-89   4:10p     1024 C:\WABAMUN\MINES\GENE\OTC\PAX
->4435   6-13-88   8:45a       16 C:\WABAMUN\MINES\GENE\DRILLH\BND
->4436   4-26-88   8:13a       48 C:\WABAMUN\MINES\GENE\DRILLH\TIC
->4437   6-13-88   8:59a      494 C:\WABAMUN\MINES\GENE\DRILLH\LOG
->4438  11-08-88   1:12p     4864 C:\WABAMUN\MINES\GENE\DRILLH\LAB
->4439   6-13-88   8:45a     7000 C:\WABAMUN\MINES\GENE\DRILLH\PAT
->4440  10-24-88   1:41p      107 C:\WABAMUN\OR_DATA\ERCB\LOG
->4441   4-07-88   8:32a       48 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\TIC
->4442   4-10-88   1:32p       16 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\BND
->4443   6-13-88  11:28a      244 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\LOG
->4444   4-10-88   1:32p      512 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\ARC
->4445   4-10-88   1:32p      512 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\ARX
->4446   6-14-88   8:03a      512 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\TXT
->4447   6-14-88   8:03a      512 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\TXX
->4448   4-10-88   1:34p    24540 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\PAT
->4449   4-10-88   1:32p    19632 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\PRF
->4450  10-24-88   1:34p    39680 C:\WABAMUN\OR_DATA\ERCB\ERCB.PNT\LAB
->4451  10-24-88   1:31p    23180 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC.DR9
->4452   6-13-88  11:28a      720 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC000.NIT
->4453   6-13-88  11:28a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC000.DAT
->4454   6-13-88  11:28a      576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC001.NIT
->4455   6-13-88  11:28a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC001.DAT
->4456   6-13-88  11:28a      432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC002.NIT
->4457   6-13-88  11:28a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC002.DAT
->4458   6-13-88  11:33a      576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC003.NIT
->4459   6-13-88  11:33a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC003.DAT
->4460   6-13-88  11:33a      432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC004.NIT
->4461   6-13-88  11:33a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC004.DAT
->4462   6-13-88  11:33a      576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC005.NIT
->4463   6-13-88  11:33a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC005.DAT
->4464   6-13-88  11:34a      432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC006.NIT
->4465   6-13-88  11:34a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC006.DAT
->4466   6-13-88  11:34a      576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC007.NIT
->4467   6-13-88  11:34a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC007.DAT
->4468   6-13-88  11:34a      432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC008.NIT
->4469   6-13-88  11:34a       80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC008.DAT
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 ->4470  6-13-88   1:30p       576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC009.NIT
 ->4471  6-13-88   1:30p        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC009.DAT
 ->4472  6-13-88   1:30p       432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC010.NIT
 ->4473  6-13-88   1:30p        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC010.DAT
 ->4474  6-13-88  11:35a       576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC011.NIT
 ->4475  6-13-88  11:35a        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC011.DAT
 ->4476  6-13-88   1:28p       576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC012.NIT
 ->4477  6-13-88   1:28p        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC012.DAT
 ->4478  6-13-88   1:28p       432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC013.NIT
 ->4479  6-13-88   1:28p        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC013.DAT
 ->4480  6-13-88  11:36a       576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC014.NIT
 ->4481  6-13-88  11:36a        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC014.DAT
 ->4482  6-13-88   1:29p       576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC015.NIT
 ->4483  6-13-88   1:29p        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC015.DAT
 ->4484  6-13-88   1:29p       432 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC016.NIT
 ->4485  6-13-88   1:29p        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC016.DAT
 ->4486  6-13-88  11:36a       576 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC017.NIT
 ->4487  6-13-88  11:36a        80 C:\WABAMUN\OR_DATA\ERCB\INFO\ARC017.DAT
 ->4488  5-16-88  12:35p        24 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\LOG.TIM
 ->4489  5-12-88   3:48p        48 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\TIC
 ->4490  5-12-88   3:48p        16 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\BND
 ->4491  5-16-88  12:28p       142 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\LOG
 ->4492  6-13-88   1:14p     47872 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\ARC
 ->4493  6-13-88   1:14p      8448 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\ARX
 ->4494  6-13-88   1:14p       512 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\LAB
 ->4495  5-16-88  12:35p      3328 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\TXT
 ->4496  5-16-88  12:35p       768 C:\WABAMUN\OR_DATA\ERCB\MINEDOUT\TXX
 ->4497  5-12-88   3:42p        48 C:\WABAMUN\OR_DATA\ERCB\LICENCE\TIC
 ->4498  5-12-88   3:42p        16 C:\WABAMUN\OR_DATA\ERCB\LICENCE\BND
 ->4499  6-13-88  11:34a       299 C:\WABAMUN\OR_DATA\ERCB\LICENCE\LOG
 ->4500  7-14-88   1:04p      7936 C:\WABAMUN\OR_DATA\ERCB\LICENCE\ARC
 ->4501  7-14-88   1:04p      1792 C:\WABAMUN\OR_DATA\ERCB\LICENCE\ARX
 ->4502  5-16-88   1:05p       512 C:\WABAMUN\OR_DATA\ERCB\LICENCE\LAB
 ->4503  5-16-88   1:05p      1536 C:\WABAMUN\OR_DATA\ERCB\LICENCE\TXT
 ->4504  5-16-88   1:05p       512 C:\WABAMUN\OR_DATA\ERCB\LICENCE\TXX
 ->4505  5-12-88   3:50p        48 C:\WABAMUN\OR_DATA\ERCB\PERMITS\TIC
 ->4506  5-12-88   3:50p        16 C:\WABAMUN\OR_DATA\ERCB\PERMITS\BND
 ->4507  6-13-88  11:34a       335 C:\WABAMUN\OR_DATA\ERCB\PERMITS\LOG
 ->4508  8-11-88   4:50p     11008 C:\WABAMUN\OR_DATA\ERCB\PERMITS\ARC
 ->4509  8-11-88   4:50p      2304 C:\WABAMUN\OR_DATA\ERCB\PERMITS\ARX
 ->4510  5-16-88   1:21p       512 C:\WABAMUN\OR_DATA\ERCB\PERMITS\LAB
 ->4511  5-16-88   1:21p      2816 C:\WABAMUN\OR_DATA\ERCB\PERMITS\TXT
 ->4512  5-16-88   1:21p       512 C:\WABAMUN\OR_DATA\ERCB\PERMITS\TXX
 ->4513  5-12-88   4:33p        48 C:\WABAMUN\OR_DATA\ERCB\SURFACE\TIC
 ->4514  6-13-88   1:30p        16 C:\WABAMUN\OR_DATA\ERCB\SURFACE\BND
 ->4515  6-13-88   1:30p       377 C:\WABAMUN\OR_DATA\ERCB\SURFACE\LOG
 ->4516  6-13-88   1:30p       512 C:\WABAMUN\OR_DATA\ERCB\SURFACE\ARC
 ->4517  6-13-88   1:30p       512 C:\WABAMUN\OR_DATA\ERCB\SURFACE\ARX
 ->4518  6-13-88   1:32p      2048 C:\WABAMUN\OR_DATA\ERCB\SURFACE\TXT
 ->4519  6-13-88   1:32p       512 C:\WABAMUN\OR_DATA\ERCB\SURFACE\TXX
 ->4520  6-13-88   1:30p       224 C:\WABAMUN\OR_DATA\ERCB\SURFACE\PAT
 ->4521  6-13-88   1:45p      1024 C:\WABAMUN\OR_DATA\ERCB\SURFACE\LAB
 ->4522  5-12-88   4:35p        48 C:\WABAMUN\OR_DATA\ERCB\UNDER\TIC
 ->4523  6-13-88   1:27p        16 C:\WABAMUN\OR_DATA\ERCB\UNDER\BND
 ->4524  6-13-88   1:28p       353 C:\WABAMUN\OR_DATA\ERCB\UNDER\LOG
 ->4525  6-13-88   1:27p       512 C:\WABAMUN\OR_DATA\ERCB\UNDER\ARC
 ->4526  6-13-88   1:27p       512 C:\WABAMUN\OR_DATA\ERCB\UNDER\ARX
 ->4527  6-13-88   1:28p      4352 C:\WABAMUN\OR_DATA\ERCB\UNDER\TXT
 ->4528  6-13-88   1:28p       768 C:\WABAMUN\OR_DATA\ERCB\UNDER\TXX
 ->4529  6-13-88   1:27p       624 C:\WABAMUN\OR_DATA\ERCB\UNDER\PAT
 ->4530  6-13-88   1:44p      1792 C:\WABAMUN\OR_DATA\ERCB\UNDER\LAB
 ->4531  5-12-88   4:36p        48 C:\WABAMUN\OR_DATA\ERCB\UNCERT\TIC
 ->4532  6-13-88   1:29p        16 C:\WABAMUN\OR_DATA\ERCB\UNCERT\BND
 ->4533  6-13-88   1:29p       363 C:\WABAMUN\OR_DATA\ERCB\UNCERT\LOG
 ->4534  6-13-88   1:29p       512 C:\WABAMUN\OR_DATA\ERCB\UNCERT\ARC
 ->4535  6-13-88   1:29p       512 C:\WABAMUN\OR_DATA\ERCB\UNCERT\ARX
 ->4536  6-13-88   1:30p       512 C:\WABAMUN\OR_DATA\ERCB\UNCERT\TXT
 ->4537  6-13-88   1:30p       512 C:\WABAMUN\OR_DATA\ERCB\UNCERT\TXX
 ->4538  6-13-88   1:29p       608 C:\WABAMUN\OR_DATA\ERCB\UNCERT\PAT
 ->4539  6-13-88   1:44p      1792 C:\WABAMUN\OR_DATA\ERCB\UNCERT\LAB
 ->4540  2-17-87   1:31a    517561 C:\WABAMUN\OR_DATA\ABSM\83GATS.ASC
 ->4541  2-08-87  12:19a    312305 C:\WABAMUN\OR_DATA\ABSM\83GLAK.ASC
 ->4542  2-08-87  12:24a     64138 C:\WABAMUN\OR_DATA\ABSM\83GMDB.ASC
 ->4543  2-12-87   1:22p    374225 C:\WABAMUN\OR_DATA\ABSM\83GHWY.ASC
 ->4544  2-12-87   1:22p     48307 C:\WABAMUN\OR_DATA\ABSM\83GSET.ASC
 ->4545  2-08-87   2:27a   1127587 C:\WABAMUN\OR_DATA\ABSM\83GRIV.ASC
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->4546  2-17-89   2:33p       270 C:\WABAMUN\OR_DATA\ABSM\LOG
->4547  2-17-87   1:31a    517561 C:\WABAMUN\OR_DATA\ABSM\83GATS1.ASC
->4548  3-04-88   9:04a        16 C:\WABAMUN\OR_DATA\ABSM\ATS\BND
->4549  3-03-88   2:28p        48 C:\WABAMUN\OR_DATA\ABSM\ATS\TIC
->4550  6-13-88  11:22a       461 C:\WABAMUN\OR_DATA\ABSM\ATS\LOG
->4551  3-04-88   8:50a        12 C:\WABAMUN\OR_DATA\ABSM\ATS\TOL
->4552  2-17-89   2:31p    554240 C:\WABAMUN\OR_DATA\ABSM\ATS\ARC
->4553  3-04-88   9:04a    369152 C:\WABAMUN\OR_DATA\ABSM\ATS\AAT
->4554  2-17-89   2:31p     92672 C:\WABAMUN\OR_DATA\ABSM\ATS\ARX
->4555  3-04-88   9:02a     25136 C:\WABAMUN\OR_DATA\ABSM\ATS\NRF
->4556  6-13-88  11:26a     10640 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC.DR9
->4557  6-13-88  11:22a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC000.NIT
->4558  6-13-88  11:22a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC000.DAT
->4559  6-13-88  11:22a       576 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC001.NIT
->4560  6-13-88  11:22a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC001.DAT
->4561  6-13-88  11:22a       432 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC002.NIT
->4562  6-13-88  11:22a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC002.DAT
->4563  6-13-88  11:23a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC003.NIT
->4564  6-13-88  11:23a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC003.DAT
->4565  6-13-88  11:23a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC004.NIT
->4566  6-13-88  11:23a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC004.DAT
->4567  6-13-88  11:23a      1440 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC005.NIT
->4568  6-13-88  11:23a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC005.DAT
->4569  6-13-88  11:23a       576 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC006.NIT
->4570  6-13-88  11:23a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC006.DAT
->4571  6-13-88  11:23a       432 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC007.NIT
->4572  6-13-88  11:23a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC007.DAT
->4573  6-13-88  11:24a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC008.NIT
->4574  6-13-88  11:24a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC008.DAT
->4575  6-13-88  11:24a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC009.NIT
->4576  6-13-88  11:24a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC009.DAT
->4577  6-13-88  11:24a      1440 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC010.NIT
->4578  6-13-88  11:24a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC010.DAT
->4579  6-13-88  11:24a       576 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC011.NIT
->4580  6-13-88  11:24a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC011.DAT
->4581  6-13-88  11:24a       432 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC012.NIT
->4582  6-13-88  11:24a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC012.DAT
->4583  6-13-88  11:25a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC013.NIT
->4584  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC013.DA
->4585  6-13-88  11:25a       576 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC014.NI
->4586  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC014.DA
->4587  6-13-88  11:25a      1440 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC015.NI
->4588  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC015.DA
->4589  6-13-88  11:25a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC016.NI
->4590  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC016.DA
->4591  6-13-88  11:25a       432 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC017.NI
->4592  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC017.DA
->4593  6-13-88  11:25a      1440 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC018.NI
->4594  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC018.DA
->4595  6-13-88  11:25a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC019.NI
->4596  6-13-88  11:25a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC019.DA
->4597  6-13-88  11:26a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC020.NI
->4598  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC020.DA
->4599  6-13-88  11:26a       576 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC021.NI
->4600  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC021.DA
->4601  6-13-88  11:26a       432 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC022.NI
->4602  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC022.DA
->4603  6-13-88  11:26a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC023.NI
->4604  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC023.DAT
->4605  6-13-88  11:26a      1440 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC024.NIT
->4606  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC024.DAT
->4607  6-13-88  11:26a      1152 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC025.NIT
->4608  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC025.DAT
->4609  6-13-88  11:26a       576 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC026.NIT
->4610  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC026.DAT
->4611  6-13-88  11:26a       432 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC027.NIT
->4612  6-13-88  11:26a        80 C:\WABAMUN\OR_DATA\ABSM\INFO\ARC027.DAT
->4613  3-03-88  11:37a        16 C:\WABAMUN\OR_DATA\ABSM\MDB\BND
->4614  3-03-88  10:54a        48 C:\WABAMUN\OR_DATA\ABSM\MDB\TIC
->4615  6-13-88  11:23a       442 C:\WABAMUN\OR_DATA\ABSM\MDB\LOG
->4616  3-03-88  10:48a     10496 C:\WABAMUN\OR_DATA\ABSM\MDB\GAT
->4617  3-03-88  10:48a      6560 C:\WABAMUN\OR_DATA\ABSM\MDB\PTN
->4618  3-03-88  10:48a        82 C:\WABAMUN\OR_DATA\ABSM\MDB\SIF
->4619  3-03-88  11:37a      4592 C:\WABAMUN\OR_DATA\ABSM\MDB\ARF
->4620  8-17-88   3:31p     24064 C:\WABAMUN\OR_DATA\ABSM\MDB\ARC
->4621  8-17-88   3:31p      1792 C:\WABAMUN\OR_DATA\ABSM\MDB\ARX
```

```
->4622  3-03-88 11:40a      5248 C:\WABAMUN\OR_DATA\ABSM\MDB\AAT
->4623  3-03-88 11:29a     86112 C:\WABAMUN\OR_DATA\ABSM\RIV\AAT
->4624  3-03-88 11:24a        16 C:\WABAMUN\OR_DATA\ABSM\RIV\BND
->4625  3-03-88 11:24a        48 C:\WABAMUN\OR_DATA\ABSM\RIV\TIC
->4626  6-13-88 11:24a       259 C:\WABAMUN\OR_DATA\ABSM\RIV\LOG
->4627  3-03-88 11:19a    172224 C:\WABAMUN\OR_DATA\ABSM\RIV\GAT
->4628  3-03-88 11:19a    107640 C:\WABAMUN\OR_DATA\ABSM\RIV\PTN
->4629  8-17-88  3:31p    421632 C:\WABAMUN\OR_DATA\ABSM\RIV\ARC
->4630  3-03-88 11:14a        82 C:\WABAMUN\OR_DATA\ABSM\RIV\SIF
->4631  8-17-88  3:31p     22016 C:\WABAMUN\OR_DATA\ABSM\RIV\ARX
->4632  8-11-88  4:33p       471 C:\WABAMUN\OR_DATA\ABSM\LAK\LOG
->4633  3-03-88 11:36a        16 C:\WABAMUN\OR_DATA\ABSM\LAK\BND
->4634  3-03-88  9:57a        48 C:\WABAMUN\OR_DATA\ABSM\LAK\TIC
->4635  3-03-88 11:36a     21448 C:\WABAMUN\OR_DATA\ABSM\LAK\ARF
->4636  3-03-88  9:52a     49024 C:\WABAMUN\OR_DATA\ABSM\LAK\GAT
->4637  3-03-88  9:52a     30640 C:\WABAMUN\OR_DATA\ABSM\LAK\PTN
->4638  3-03-88  9:50a        82 C:\WABAMUN\OR_DATA\ABSM\LAK\SIF
->4639  8-17-88  3:29p    117760 C:\WABAMUN\OR_DATA\ABSM\LAK\ARC
->4640  3-03-88 11:43a     24512 C:\WABAMUN\OR_DATA\ABSM\LAK\AAT
->4641  8-17-88  3:29p      6656 C:\WABAMUN\OR_DATA\ABSM\LAK\ARX
->4642  6-13-88 11:26a       298 C:\WABAMUN\OR_DATA\ABSM\HWY\LOG
->4643  3-03-88 11:38a        16 C:\WABAMUN\OR_DATA\ABSM\HWY\BND
->4644  3-03-88 11:10a        48 C:\WABAMUN\OR_DATA\ABSM\HWY\TIC
->4645  3-03-88 11:42a    196512 C:\WABAMUN\OR_DATA\ABSM\HWY\AAT
->4646  3-03-88 11:06a    393024 C:\WABAMUN\OR_DATA\ABSM\HWY\GAT
->4647  3-03-88 11:06a    245640 C:\WABAMUN\OR_DATA\ABSM\HWY\PTN
->4648  3-03-88 11:02a        82 C:\WABAMUN\OR_DATA\ABSM\HWY\SIF
->4649  3-03-88 11:38a    171948 C:\WABAMUN\OR_DATA\ABSM\HWY\ARF
->4650  8-17-88  3:30p    418304 C:\WABAMUN\OR_DATA\ABSM\HWY\ARC
->4651  8-17-88  3:30p     49664 C:\WABAMUN\OR_DATA\ABSM\HWY\ARX
->4652  3-03-88 11:30a        16 C:\WABAMUN\OR_DATA\ABSM\SET\BND
->4653  3-03-88  9:38a        48 C:\WABAMUN\OR_DATA\ABSM\SET\TIC
->4654  6-13-88 11:26a       387 C:\WABAMUN\OR_DATA\ABSM\SET\LOG
->4655  3-03-88  9:11a     27712 C:\WABAMUN\OR_DATA\ABSM\SET\GAT
->4656  3-03-88  9:11a     17320 C:\WABAMUN\OR_DATA\ABSM\SET\PTN
->4657  3-03-88 11:31a     13856 C:\WABAMUN\OR_DATA\ABSM\SET\AAT
->4658  3-03-88  9:10a        82 C:\WABAMUN\OR_DATA\ABSM\SET\SIF
->4659  3-03-88 11:30a     12124 C:\WABAMUN\OR_DATA\ABSM\SET\ARF
->4660  7-14-88  1:00p     96512 C:\WABAMUN\OR_DATA\ABSM\SET\ARC
->4661  7-14-88  1:00p      3840 C:\WABAMUN\OR_DATA\ABSM\SET\ARX
```

APPENDIX 7

APPENDIX 7

THE SIMPLE MACRO LANGUAGE FILES
MENU SYSTEM FOR THE COAL GSIS DEMO

FILE--> PROJ1\QLTAB.SML

```
&REM ***************************************************************
&REM THIS PROGRAM WILL DRAW A MAP OF ALBERTA IN 10TM AND WILL ALLOW USERS
&REM TO QUERRY COAL QUALITY INFO AND PRODUCE PLOTS ANYTIME DURING THE PROCESS.
&REM FILE NAME QLTAB.SML
&REM D.CHAO 14.08.1988
&REM ***************************************************************
&LABEL START
&SETVAR 20 0
&LABEL MENU
MAPEX ALBERTA ERCBOLT RIVER CITY SUBCROPS
MAPLIMITS PAGE
PAGESIZE 9.6 5.6
LINEC 1
BOX 0 0 9.6 5.6
LINEC 2
ARCS NTS
LINEC 9
ARCS ALBERTA
LINEC 6
ARCS RIVER
TEXTFONT 0
TEXTCOLOR 1
POINTMARKERS CITY 9
POINTMARKERS CITY 17
TEXTSIZE .09 .06
MOVE 1.1 3.5
TEXT 'PEACE RIVER'
MOVE 0.6 3.1
TEXT 'GRANDE PRAIRIE'
MOVE 2.15 2.9
TEXT 'ATHABASCA'
MOVE 1.5 2.6
TEXT 'WHITECOURT'
MOVE 2.7 2.7
TEXT 'BONNYVILLE'
MOVE 2.1 2.3
TEXT 'EDMONTON'
MOVE 1 2.2
TEXT 'HINTON'
MOVE 1.2 2
TEXT 'WETASKIWIN'
MOVE 2.2 2.1
TEXT 'CAMROSE'
MOVE 3 2.2
TEXT 'LLOYDMINSTER'
MOVE 2.1 1.75
TEXT 'RED DEER'
MOVE 2 1.2
TEXT 'CALGARY'
MOVE 2.5 0.9
TEXT 'MEDICINE HAT'
MOVE 2 0.4
TEXT 'LETHBRIDGE'
TEXTSIZE .1 .075
MOVE 1.6 2.25
TEXT '83G'
TEXTSIZE .2 .15
MOVE 4.2 4.5
TEXT 'PROVINCE OF ALBERTA'
MOVE 4.2 4.0
TEXTSIZE .1 .1
TEXT '1. PROVINCAL QUERIES'
MOVE 4.2 3.7
TEXT '2. 83G'
MOVE 4.2 3.4
TEXT '3. WABAMUN AREAS'
MOVE 4.2 3.1
TEXT '4. HIGHVALE AREAS'
MOVE 4.2 2.8
```

```
TEXT '5. GENESEE AREAS'
MOVE 4.2 2.5
TEXT '6. WHITEWOOD AREAS'
MOVE 4.2 2.2
TEXT '7. NORTH HIGHVALE'
MOVE 4.2 1.9
TEXT '8. SOUTH HIGHVALE'
MOVE 4.2 1.6
TEXT '9. EXIT'
&LABEL MENU1
&ASK 1 " PLEASE ENTER YOUR CHOICE" 10
&GOTO TASK1 &IF &EQ %1 1
&GOTO 83G &IF &EQ %1 2
&GOTO WABAMUN &IF &EQ %1 3
&GOTO HIGHVALE &IF &EQ %1 4
&GOTO GENESEE &IF &EQ %1 5
&GOTO WHITEWOOD &IF &EQ %1 6
&GOTO HIGHVN &IF &EQ %1 7
&GOTO HIGHVS &IF &EQ %1 8
&GOTO EXIT &IF &EQ %1 9
&GOTO MENU1

&LABEL TASK1
CLEAR
&SETVAR 20 1
&SETVAR 21 0
MAP MAP1
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ALBERTA
LINEC 6
ARCS RIVER
LINEC 5
RESEL SUBCROPS ARCS CLASS = 1
ARCS SUBCROPS
CLEARSEL
LINEC 10
RESEL SUBCROPS ARCS CLASS = 2
ARCS SUBCROPS
CLEARSEL
LINEC 13
RESEL SUBCROPS ARCS CLASS = 3
ARCS SUBCROPS
CLEARSEL
TEXTFONT 0
TEXTCOLOR 1
MOVE 4 4.5
TEXTSIZE .2 .15
TEXT 'PROVINCE OF ALBERTA'
TEXTSIZE .15 .1
MOVE 4.5 4.1
TEXT 'COAL QUALITY DATA'
KEYBOX .5 .25
KEYSEPARATION .15 .2
TEXTSIZE .1 .075
MARKERSIZE .15
KEYPOSITION 4.5 3.9
KEYMARKER ABQLT.KEY NOBOX
TEXTFONT 6
TEXTCOLOR 2
TEXTSIZE .1 .07
MOVE 3.5 0.5
TEXT 'COAL GEOLOGY GROUP'
MOVE 3.5 0.25
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.75
TEXT ' ALBERTA'
MOVE 8.7 0.5
TEXT 'RESEARCH'
MOVE 8.7 0.25
TEXT ' COUNCIL'
MEND
LINEC 1
&LABEL TASK2
&TYPE " 8-PRINT, 9-EXIT, 10-TTY"
&ASK 2 " PLEASE ENTER ITEM NUMBER"
&GOTO TASK2 &IF &NR %2 1 9
```

```
&GOTO EXIT2 &IF &EQ %2 9
&GOTO TTY &IF &EQ %2 10
&GOTO PRINTER &IF &EQ %2 8
&GOTO ITEM%2

&LABEL TTY
&TTY
&JUMP TASK2

&LABEL ITEM1
MBEGIN
RESEL ERCBOLT POINTS PROX GT 0.0
MARKERSYMBOL 1
POINTS ERCBOLT
MEND
&LABEL CALLZOOM
&QUERY 3   " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO TASK2 &IF &EQ %4 Y
MDELETE
MFRESH
&GOTO TASK2

&LABEL ITEM2
MBEGIN
RESEL ERCBOLT POINTS ULT GT 0.0
MARKERSYMBOL 2
POINTS ERCBOLT
MEND
&QUERY 3 " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY WITH THE NEXT ONE" &F
&GOTO TASK2 &IF &EQ %4 Y
MDELETE
MFRESH
&GOTO TASK2

&LABEL ITEM3
MBEGIN
RESEL ERCBOLT POINTS CHEM GT 0.0
MARKERSYMBOL 3
POINTS ERCBOLT
MEND
&QUERY 3 " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO TASK2 &IF &EQ %4 Y
MDELETE
MFRESH
&GOTO TASK2

&LABEL ITEM4
MBEGIN
RESEL ERCBOLT POINTS FUSION GT 0.0
MARKERSYMBOL 4
POINTS ERCBOLT
MEND
&QUERY 3 " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO TASK2 &IF &EQ %4 Y
MDELETE
&GOTO TASK2

&LABEL ITEM5
MBEGIN
RESEL ERCBOLT POINTS TRACE GT 0.0
MARKERSYMBOL 50
POINTS ERCBOLT
MEND
&QUERY 3 " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO TASK2 &IF &EQ %4 Y
```

```
MDELETE
MFRESH
&GOTO TASK2

&LABEL ITEM6
MBEGIN
RESEL ERCBOLT POINTS PHYSICS GT 0.0
MARKERSYMBOL 51
POINTS ERCBOLT
MEND
&QUERY 3 " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO TASK2 &IF &EQ %4 Y
MDELETE
MFRESH
&GOTO TASK2

&LABEL ITEM7
MBEGIN
RESEL ERCBOLT POINTS COAK GT 0.0
MARKERSYMBOL 52
POINTS ERCBOLT
MEND
&QUERY 3 " ZOOM IN " &F
&GOTO ZOOM &IF &EQ %3 Y
&QUERY 4 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO TASK2 &IF &EQ %4 Y
MDELETE
MFRESH
&GOTO TASK2

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS ERCBOLT
&LABEL ASK
&TYPE "1-REVIEW INFORMATION FOR ALL THE POINTS "
&ASK 3 "2-REVIEW EACH INDIVIDUAL POINT, 3-EXIT, 4-ZOOM IN " 5
&GOTO MAPEX &IF &EQ %3 1
&GOTO ASK1 &IF &EQ %3 2
&GOTO QUIT &IF &EQ %3 3
&GOTO ZOOM &IF &EQ %3 4
&JUMP ASK

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2

&LABEL MAPEX
RESEL ERCBOLT POINTS MAPEX
LIST ERCBOLT POINTS CODE-ERCB CODE-ARC
&LABEL ASK2
&ASK 4 "1-REVIEW EACH INDIVIDUAL POINT, 2-ZOOM IN, 3-EXIT" 4
&GOTO IDEN1 &IF &EQ %4 1
&GOTO ZOOM &IF &EQ %4 2
&GOTO QUIT &IF &EQ %4 3
&JUMP ASK2

&LABEL ASK1
&ASK 3 "1-ERCB AND ARC CODES, 2-EXIT, 3-ZOOM IN" 4
&GOTO IDEN1 &IF &EQ %3 1
&GOTO QUIT &IF &EQ %3 2
&GOTO ZOOM &IF &EQ %3 3
&GOTO ASK1

&LABEL IDEN1
IDENTIFY ERCBOLT POINTS * CODE-ERCB CODE-ARC
&JUMP ASK1

&LABEL QUIT
MDELETE
CLEAR
```

```
CLEARSEL
&SETVAR 21 0
MAPEX ALBERTA ERCBOLT
PAGESIZE 9.6 5.6
MAPANGLE -1.5
MFRESH
&GOTO CALL%2

&LABEL CALL1
RESEL ERCBOLT POINTS PROX GT 0.0
&JUMP CALLZOOM

&LABEL CALL2
RESEL ERCBOLT POINTS ULT GT 0.0
&JUMP CALLZOOM

&LABEL CALL3
RESEL ERCBOLT POINTS CHEM GT 0.0
&JUMP CALLZOOM

&LABEL CALL4
RESEL ERCBOLT POINTS FUSION GT 0.0
&JUMP CALLZOOM

&LABEL CALL5
RESEL ERCBOLT POINTS TRACE GT 0.0
&JUMP CALLZOOM

&LABEL CALL6
RESEL ERCBOLT POINTS PHYSICS GT 0.0
&JUMP CALLZOOM

&LABEL CALL7
RESEL ERCBOLT POINTS COAK GT 0.0
&JUMP CALLZOOM

&LABEL 83G
&GOTO KILL3 &IF &EQ %20 1
MAP END
&RUN 83G.SML

&LABEL WABAMUN
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL HIGHVALE
&SETVAR 7 "HIGHVA"
&GOTO KILL &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVA"
&RUN MANUAL.SML


&LABEL GENESEE
&SETVAR 7 "GENE"
&GOTO KILL &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\GENE"
&RUN MANUAL.SML

&LABEL WHITEWOOD
&SETVAR 7 "WHITE"
&GOTO KILL &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\WHITE"
&RUN MANUAL.SML

&LABEL HIGHVN
&SETVAR 7 "HIGHVN"
&GOTO KILL &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVN"
&RUN MANUAL.SML

&LABEL HIGHVS
&SETVAR 7 "HIGHVS"
&GOTO KILL &IF &EQ %20 1
```

```
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVS"
&RUN MANUAL.SML

&LABEL PRINTER
&RUN PRINTER.SML
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP TASK1

&LABEL EXIT
MAP END
QUIT

&LABEL EXIT2
MAP END
KILLMAP MAP1
&SETVAR 20 0
CLEAR
&JUMP MENU

&LABEL KILL
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\%7"
&RUN MANUAL.SML

&LABEL KILL2
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL KILL3
MAP END
KILLMAP MAP1
CLEAR
&RUN 83G.SML
```

FILE-> PROJ1\83G.SML

```
&REM ****************************************************
&REM THIS MANUAL WILL DISPLAY 83G REGIONAL COVERAGES
&REM COVERAGES INCLUDE 1.WABAMUN\OR_DATA\ABSM ATS,RIV,
&REM LAK,HWY,SET AND MDB 2. 83G_NW,83G_NE,83G_SE,83G_SW
&REM AND 83G
&REM USERS CAN PRODUCE PLOTS ANYTIME DURING THE PROCESS
&REM BY D.CHAO  AUG.17,1988
&REM ****************************************************
&LABEL START
MAPLIMIT PAGE
PAGESIZE 9.6 5.6
MAPEX ATS 83G_SW 83G_SE 83G_NW 83G_NE 83G
MAP MAP1
&LABEL MENU1
CLEAR
MBEGIN
MAPANGLE -1.5
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
TEXTCOLOR 1
TEXTFONT 0
MOVE 6.5 4
TEXTSIZE .12 .08
TEXT 'ALBERTA TOWNSHIP SURVEY'
MOVE 6.5 3.5
TEXT 'GRID FOR 83G'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE 0.1 0.3
TEXT 'COAL GEOLOGY GROUP'
MOVE 0.1 0.15
TEXT 'ALBERTA GEOLOGICAL SURVEY'
```

```
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
MEND
&LABEL MENU2
&TYPE "1-RIVERS, 2-LAKES, 3-HIGHWAYS, 4-RESERVES,PARK BOUNDARIES & RAILWAYS"
&TYPE "5-COUNTY BOUNDARIES, 6-COAL DISPOSITIONS, 7-WABAMUN AREA, 8-MAIN MENU"
&TYPE "9-PRINTER, 10-EXIT , 11-TTY"
&ASK 1 " PLEASE ENTER YOUR CHOICE " 12
&GOTO RIVER &IF &EQ %1 1
&GOTO LAKE &IF &EQ %1 2
&GOTO HWYS &IF &EQ %1 3
&GOTO SETS &IF &EQ %1 4
&GOTO MDBS &IF &EQ %1 5
&GOTO COAL &IF &EQ %1 6
&GOTO WAB &IF &EQ %1 7
&GOTO OLTAB &IF &EQ %1 8
&GOTO PRINTER &IF &EQ %1 9
&GOTO EXIT &IF &EQ %1 10
&GOTO TTY &IF &EQ %1 11
&GOTO MENU2

&LABEL TTY
MAP END
&TTY
&JUMP MENU2

&LABEL OLTAB
MAP END
KILLMAP MAP1
&SETVAR 3 "OLTAB"
CLEAR
&RUN %3

&LABEL RIVER
MBEGIN
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL LAKE
MBEGIN
LINESYMBOL 8
ARCS LAK
MEND
&JUMP OVERLAY

&LABEL HWYS
MBEGIN
LINEC 2
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL SETS
MBEGIN
LINEC 13
ARCS SET
MEND
&JUMP OVERLAY

&LABEL MDBS
MBEGIN
LINEC 11
ARCS MDB
MEND
&JUMP OVERLAY

&LABEL COAL
MBEGIN
TEXTCOLOR 1
TEXTFONT 0
TEXTSIZE .1 .07
KEYSEPARATION .2 .2
KEYPOSITION 6.5 2.5
```

```
KEYBOX  2  2
KEYSHADE 83G_KEY
&LABEL SEL
RESEL 83G_SW POLYS USERS = 1
POLYGONSHADES 83G_SW 70
CLEARSEL
RESEL 83G_SE POLYS USERS = 1
POLYGONSHADES 83G_SE 70
CLEARSEL
RESEL 83G_NW POLYS USERS = 1
POLYGONSHADES 83G_NW 70
CLEARSEL
RESEL 83G_NE POLYS USERS = 1
POLYGONSHADES 83G_NE 70
CLEARSEL
RESEL 83G_SW POLYS USERS = 2
POLYGONSHADES 83G_SW 3
CLEARSEL
RESEL 83G_SE POLYS USERS = 2
POLYGONSHADES 83G_SE 3
CLEARSEL
RESEL 83G_NW POLYS USERS = 2
POLYGONSHADES 83G_NW 3
CLEARSEL
RESEL 83G_NE POLYS USERS = 2
POLYGONSHADES 83G_NE 3
CLEARSEL
RESEL 83G_SE POLYS USERS = 3
POLYGONSHADES 83G_SE 2
CLEARSEL
RESEL 83G_SW POLYS USERS = 3
POLYGONSHADES 83G_SW 2
CLEARSEL
RESEL 83G_NE POLYS USERS = 3
POLYGONSHADES 83G_NE 2
CLEARSEL
RESEL 83G_NW POLYS USERS = 3
POLYGONSHADES 83G_NW 2
CLEARSEL
RESEL 83G_SW POLYS USERS = 4
POLYGONSHADES 83G_SW 4
CLEARSEL
RESEL 83G_SE POLYS USERS = 4
POLYGONSHADES 83G_SE 4
CLEARSEL
RESEL 83G_NE POLYS USERS = 4
POLYGONSHADES 83G_NE 4
CLEARSEL
RESEL 83G_NW POLYS USERS = 4
POLYGONSHADES 83G_NW 4
CLEARSEL
LINEC 5
ARCS 83G_SE
ARCS 83G_SW
ARCS 83G_NE
ARCS 83G_NW
MEND
&QUERY 2 "ZOOM IN" &F
&GOTO ZOOM2 &IF &EQ %2 Y
&GOTO OVERLAY &IF &EQ %2 N

&LABEL WAB
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL ZOOM2
MAPEX *
CLEAR
LINEC 1
POLYS 83G
&LABEL IDENT
&TYPE "1-REVIEW ALL THE POLYGONS, 2-REVIEW EACH POLYGON, 3-EXIT"
&ASK 8 "PLEASE ENTER YOUR CHOICE" 4
&GOTO MAPEX &IF &EQ %8 1
&GOTO IDENT1 &IF &EQ %8 2
&GOTO NONE &IF &EQ %8 3
```

```
&JUMP IDENT
&LABEL IDENT1
IDENTIFY 83G POLYS * DISPOSITION  COMPANY
&JUMP IDENT

&LABEL MAPEX
RESEL 83G POLYS MAPEX
LIST 83G POLYS DISPOSITION COMPANY
CLEARSEL
&JUMP IDENT

&LABEL NONE
MDELETE
CLEAR
PAGESIZE 9.6 5.6
MAPEX 83G 83G_NE 83G_NW 83G_SE 83G_SW ATS
MFRESH
MAPANGLE -1.5
&REM MBEGIN
&REM LINEC 1
&REM BOX 0 0 9.6 5.6
&REM LINEC 9
&REM ARCS ATS
&REM LINEC 5
&REM ARCS 83G_SW
&REM ARCS 83G_SE
&REM ARCS 83G_NE
&REM ARCS 83G_NW
&REM TEXTCOLOR 1
&REM TEXTFONT 0
&REM MOVE 6.5 4
&REM TEXTSIZE .12 .08
&REM TEXT 'ALBERTA TOWNSHIP SURVEY'
&REM MOVE 6.5 3.5
&REM TEXT 'GRID FOR 83G'
&REM TEXTCOLOR 2
&REM TEXTFONT 8
&REM TEXTSIZE .1 .07
&REM MOVE 0.5 0.3
&REM TEXT 'COAL GEOLOGY GROUP'
&REM MOVE 0.5 0.15
&REM TEXT 'ALBERTA GEOLOGICAL SURVEY'
&REM MOVE 8.7 0.6
&REM TEXT 'ALBERTA'
&REM MOVE 8.7 0.4
&REM TEXT 'RESEARCH'
&REM MOVE 8.7 0.2
&REM TEXT 'COUNCIL'
&REM MEND
&QUERY 5 "ZOOM IN " &F
&GOTO ZOOM2 &IF &EQ %5 Y
&JUMP OVERLAY

&LABEL EXIT
MAP END
KILLMAP MAP1
QUIT

&LABEL OVERLAY
&QUERY 5 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU2 &IF &EQ %5 Y
MSEL ALL
MDELETE
&GOTO MENU1

&LABEL PRINTER
&RUN PRINTER.SML
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&GOTO START
```

FILE-> WABAMUN\SAREA\MANUAL.SML

```
&REM*****************************************************
&REM THIS MANUAL WILL DISPLAY THE ATS,RIVER,LAKES,HWY.SET
&REM MDB,STAT,LIENCE,PERMIT AND MINED AREAS AT THE WABAMUN
&REM AREA
```

```
&REM WRITTEN BY : D.CHAO  AUG.18,88
&REM ************************************************
PAGESIZE 9.6 5.6
MAPLIMITS PAGE
&LABEL MENU1
&SETVAR 20 0
CLEAR
MAPEX TWPS ATS RIV LAK HWY SET LIC STAT PERM MINED OILBUF
MAPANGLE -1.5
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
LINEC 2
ARCS TWPS
TEXTCOLOR 1
TEXTFONT 0
MOVE 0.8 4.5
TEXTSIZE 0.08 0.06
TEXT '5 53 5'
MOVE 2.1 4.5
TEXT '5 53 4'
MOVE 0.8 3.25
TEXT '5 52 5'
MOVE 2.1 3.25
TEXT '5 52 4'
MOVE 0.8 2
TEXT '5 51 5'
MOVE 2.1 2
TEXT '5 51 4'
MOVE 2.1 0.8
TEXT '5 50 4'
MOVE 3.3 0.8
TEXT '5 50 3'
MOVE 2.3 2.8
TEXTSIZE .07 .05
TEXT '* HIGHVALE'
MOVE 1.9 4.9
TEXT '* WHITEWOOD'
MOVE 4 1.2
TEXT '* GENESEE'
TEXTCOLOR 1
MOVE 4.5 5
TEXTSIZE .2 .15
TEXT ' WABAMUN AREA '
TEXTSIZE .12 .09
MOVE 4.8 4.5
TEXT '1. WABAMUN REGIONAL QUERIES'
MOVE 4.8 4.2
TEXT '2. HIGHVALE AREA'
MOVE 4.8 3.9
TEXT '3. WHITEWOOD AREA'
MOVE 4.8 3.6
TEXT '4. GENESEE AREA'
MOVE 4.8 3.3
TEXT '5. 5 53 4'
MOVE 4.8 3.0
TEXT '6. 5 53 5'
MOVE 4.8 2.7
TEXT '7. 5 52 4'
MOVE 4.8 2.4
TEXT '8. 5 52 5'
MOVE 4.8 2.1
TEXT '9. 5 51 4'
MOVE 4.8 1.8
TEXT '10. 5 51 5'
MOVE 4.8 1.5
TEXT '11. 5 50 4'
MOVE 4.8 1.2
TEXT '12. 5 50 3'
MOVE 4.8 0.9
TEXT '13. 83G MENU'
MOVE 4.8 0.6
TEXT '14. MAIN MENU'
MOVE 4.8 0.3
```

```
TEXT '15  EXIT'
&LABEL MENU2
&ASK 1 "17  TTY  PLEASE ENTER YOUR CHOICE " 18
&GOTO TASK &IF &EQ %1 1
&GOTO WHITEWOOD &IF &EQ %1 3
&GOTO HIGHVALE &IF &EQ %1 2
&GOTO GENESEE &IF &EQ %1 4
&GOTO T5355 &IF &EQ %1 6
&GOTO T5345 &IF &EQ %1 5
&GOTO T5245 &IF &EQ %1 7
&GOTO T5255 &IF &EQ %1 8
&GOTO T5145 &IF &EQ %1 9
&GOTO T5155 &IF &EQ %1 10
&GOTO T5045 &IF &EQ %1 11
&GOTO T5035 &IF &EQ %1 12
&GOTO 83GS &IF &EQ %1 13
&GOTO MAIN &IF &EQ %1 14
&GOTO EXIT &IF &EQ %1 15
&GOTO PRINTER &IF &EQ %1 16
&GOTO TTY &IF &EQ %1 17
&GOTO MENU2

&LABEL TTY
MAP END
&TTY
&JUMP MENU2

&LABEL TASK
&SETVAR 20 1
&SETVAR 21 0
MAP MAP1
&LABEL TASK2
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .2 .16
MOVE 4.5 5
TEXT 'WABAMUN AREA'
TEXTFONT 8
TEXTCOLOR 2
TEXTSIZE .1 .07
MOVE 4.5 0.4
TEXT 'COAL GEOLOGY GROUP'
MOVE 4.5 0.2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
MEND
TEXTCOLOR 1
TEXTFONT 0
&LABEL MENU3
&TYPE "1-HWY, 2-WELL STATUS, 3-PERMIT AREAS  4-MINED AREAS,"
&TYPE "5-LICENCE AREAS, 6-OIL WELL BUFFERS  7-UNDERGROUND MINES,"
&TYPE "8-SURFACE MINES, 9-PRINTER, 10-EXIT, 11-TTY"
&ASK 2 "PLEASE ENTER YOUR CHOICE " 12
&GOTO HWYS &IF &EQ %2 1
&GOTO STATS &IF &EQ %2 2
&GOTO PERMS &IF &EQ %2 3
&GOTO MINES &IF &EQ %2 4
&GOTO LICS &IF &EQ %2 5
&GOTO BUFFER &IF &EQ %2 6
&GOTO UNDER &IF &EQ %2 7
&GOTO SURF &IF &EQ %2 8
&GOTO PRINTER &IF &EQ %2 9
&GOTO RETURN &IF &EQ %2 10
&GOTO TTY &IF &EQ %2 11
&GOTO MENU3
```

```
&LABEL HWYS
MBEGIN
LINEC 2
ARCS HWY
MEND
&GOTO OVERLAY

&LABEL STATS
MBEGIN
POINTMARKERS STAT 89
MEND
&LABEL QUERY1
&QUERY 6 "WOULD YOU LIKE TO REVIEW INFORMATION OF ANY WELLS" &F
&GOTO OVERLAY &IF &EQ %6 N
&QUERY 7 "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %7 Y
&LABEL IDENT2
&ASK 8 "1 - WELL ID AND DESCRIPTION, 2-EXIT" 3
&GOTO ID &IF &EQ %8 1
&GOTO OVERLAY &IF &EQ %8 2
&JUMP IDENT2
&LABEL ID
IDENTIFY S_STAT POINTS * WELL_ID DESCRIPTION
&JUMP IDENT2

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
MARKERSYMBOL 89
POINTS STAT
&LABEL ZOOMASK
&TYPE "1-REVIEW INFORMATION FOR ALL WELLS, "
&ASK 8 "2-REVIEW INFORMATION FOR EACH WELL, 3-EXIT " 4
&GOTO MAPEX &IF &EQ %8 1
&GOTO ASK1 &IF &EQ %8 2
&GOTO QUIT &IF &EQ %8 3
&JUMP ZOOMASK

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2

&LABEL MAPEX
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID DESCRIPTION
&LABEL MAPEXASK
&ASK 9 "1-REVIEW INFORMATION FOR EACH WELL, 2-ZOOM IN, 3-EXIT " 4
&GOTO ASK1 &IF &EQ %9 1
&GOTO ZOOM &IF &EQ %9 2
&GOTO QUIT &IF &EQ %9 3
&JUMP MAPEXASK

&LABEL ASK1
&ASK 8 "1-WELL ID & DESCRIPTION, 2-EXIT, 3-ZOOM IN" 4
&GOTO QUIT &IF &EQ %8 2
&GOTO ID2 &IF &EQ %8 1
&GOTO ZOOM &IF &EQ %8 3
&GOTO ASK1

&LABEL ID2
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&JUMP ASK1

&LABEL QUIT
MDELETE
CLEAR
CLEARSEL
MAPEX ATS STAT PERM MINED LIC UNDER SURF
PAGESIZE 9.6 5.6
MFRESH
&SETVAR 21 0
&JUMP QUERY1

&LABEL PERMS
MBEGIN
```

```
LINEC 1
POLYGONSHADES PERM 70
ARCS PERM
MEND
&LABEL PERM2
&TYPE "1-PERMIT NUMBER FOR ALL THE POLYGONS,"
&ASK 4 "2-PERMIT NUMBER FOR EACH POLYGON, 3-EXIT" 4
&GOTO PERM1 &IF &EQ %4 2
&GOTO MAPEX2 &IF &EQ %4 1
&GOTO OVERLAY &IF &EQ %4 3
&GOTO PERM2
&LABEL PERM1
IDENTIFY PERM POLYS * PERM_NUM
&JUMP PERM2
&LABEL MAPEX2
RESEL PERM POLYS MAPEX
LIST PERM POLYS PERM_NUM
CLEARSEL
&JUMP PERM2

&LABEL MINES
MBEGIN
LINEC 1
POLYGONSHADES MINED 2
ARCS MINED
MEND
&GOTO MENU3

&LABEL LICS
MBEGIN
LINEC 1
POLYGONSHADES LIC 4
ARCS LIC
MEND
&LABEL LIC2
&TYPE "1-LICENCE NUMBER FOR ALL THE POLYGONS,"
&ASK 5 "2-LICENCE NUMBER FOR EACH POLYGON, 3-EXIT " 4
&GOTO LIC1 &IF &EQ %5 2
&GOTO LIC3 &IF &EQ %5 1
&GOTO OVERLAY &IF &EQ %5 3
&GOTO LIC2
&LABEL LIC1
IDENTIFY LIC POLYS * LIC_NUM
&JUMP LIC2
&LABEL LIC3
RESEL LIC POLYS MAPEX
LIST LIC POLYS LIC_NUM
CLEARSEL
&JUMP LIC2

&LABEL WHITEWOOD
&SETVAR 15 "WHITE"
&GOTO KILL4 &IF &EQ %20 1
MAP END
CLEAR
&SYSTEM "CD C:\WABAMUN\MINES\WHITE"
&RUN MANUAL.SML
&GOTO MENU1

&LABEL HIGHVALE
&SETVAR 15 "HIGHVA"
&GOTO KILL4 &IF &EQ %20 1
CLEAR
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVA"
&RUN MANUAL.SML

&LABEL GENESEE
&SETVAR 15 "GENE"
&GOTO KILL4 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\MINES\GENE"
&RUN MANUAL.SML
&GOTO MENU1

&LABEL BUFFER
MBEGIN
TEXTSIZE .1 .07
MOVE 4 4.7
```

```
TEXT 'OIL & GAS WELLS WITH 400m BUFFERS'
POLYGONSHADES OILBUF 4
MEND
&GOTO MENU3

&LABEL UNDER
MBEGIN
POINTMARKERS UNDER 85
MEND
&LABEL UNDER2
&TYPE "1-ID & STATUS FOR ALL THE MINES."
&ASK 8 "2-ID & STATUS FOR EACH MINE, 3-EXIT" 4
&GOTO UNDER1 &IF &EQ %8 1
&GOTO UNDER3 &IF &EQ %8 2
&GOTO OVERLAY &IF &EQ %8 3
&GOTO UNDER2
&LABEL UNDER1
RESEL UNDER POINTS MAPEX
LIST UNDER POINTS MINE# LOC.
CLEARSEL
&JUMP UNDER2
&LABEL UNDER3
IDENTIFY UNDER POINTS * MINE# LOC.
&JUMP UNDER2

&LABEL SURF
MBEGIN
POINTMARKERS SURF 87
MEND
&LABEL SURF2
&TYPE "1-ID & STATUS FOR ALL THE MINES."
&ASK 8 "2-ID & STATUS FOR EACH MINE, 3-EXIT" 4
&GOTO SURF1 &IF &EQ %8 1
&GOTO SURF3 &IF &EQ %8 2
&GOTO OVERLAY &IF &EQ %8 3
&GOTO SURF2
&LABEL SURF1
RESEL SURF POINTS MAPEX
LIST SURF POINTS MINE# LOC.
CLEARSEL
&JUMP SURF2
&LABEL SURF3
IDENTIFY SURF POINTS * MINE# LOC.
&JUMP SURF2

&LABEL 83GS
&SETVAR 17 "83G"
&GOTO KILL3 &IF &EQ %20 1
CLEAR
MAP END
&SYSTEM "CD C:\PROJ1"
&RUN 83G.SML

&LABEL MAIN
CLEAR
&SETVAR 17 "OLTAB"
&GOTO KILL3 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL T5355
CLEAR
&SETVAR 16 "T5355"
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\TWPS\T5355"
&RUN MANUAL.SML

&LABEL T5345
CLEAR
&SETVAR 16 "T5345"
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\TWPS\T5345"
&RUN MANUAL.SML

&LABEL T5255
CLEAR
```

```
&SETVAR 16 "T5255"
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\TWPS\T5255"
&RUN MANUAL.SML

&LABEL T5245
CLEAR
&SETVAR 16 "T5245"
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\TWPS\T5245"
&RUN MANUAL.SML

&LABEL T5155
CLEAR
&SETVAR 16 "T5155"
&GOTO KILL2 &IF &EQ %20 1
&SYSTEM "CD C:\WABAMUN\TWPS\T5155"
&RUN MANUAL.SML

&LABEL T5145
CLEAR
&SETVAR 16 "T5145"
&GOTO KILL2 &IF &EQ %20 1
&SYSTEM "CD C:\WABAMUN\TWPS\T5145"
&RUN MANUAL.SML

&LABEL T5045
CLEAR
&SETVAR 16 "T5045"
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\TWPS\T5045"
&RUN MANUAL.SML

&LABEL T5035
CLEAR
&SETVAR 16 "T5035"
&GOTO KILL2 &IF &EQ %20 1
MAP END
&SYSTEM "CD C:\WABAMUN\TWPS\T5035"
&RUN MANUAL.SML

&LABEL PRINTER
&RUN PRINTER SML
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&ASK 12 "1-NEW MAP, 2-EXIT"
&GOTO TASK &IF &EQ %12 1
&GOTO MENU1

&LABEL OVERLAY
&QUERY 13 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU3 &IF &EQ %13 Y
MDELETE
MFRESH
&GOTO MENU3

&LABEL EXIT
MAP END
KILLMAP MAP1
0

&LABEL RETURN
MAP END
KILLMAP MAP1
&JUMP MENU1

&LABEL KILL
MAP END
KILLMAP MAP1
&RUN %15

&LABEL KILL2
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\TWPS\%16"
```

```
&RUN MANUAL.SML

&LABEL KILL3
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN %17.SML

&LABEL KILL4
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\MINES\%15"
&RUN MANUAL.SML
```

FILE -> WABAMUN\MINES\HIGHVA\MANUAL.SML

```
&REM ************************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE COVERAGES OF HIGHVALE.
&REM USERS CAN PRODUCE PLOTS ANYTIME DURING THE PROCESS.
&REM WRITTEN BY D. CHAO  AUG.19 ,1988
&REM ************************************************************
&LABEL START
MAPLIMITS PAGE
PAGESIZE 9.6 5.6
MAPEX ATS STAT ISO1 ISO2 MINED PERM LIC LAK UNDER SURF
MAP MAP1
&LABEL MENU
CLEAR
MAPANGLE -1.5
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
MOVE 5 4.7
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .2 .15
TEXT 'HIGHVALE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE 0.1 0.2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 0.1 0.4
TEXT 'COAL GEOLOGY GROUP'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
MEND
TEXTFONT 0
TEXTCOLOR 1
&LABEL MENU1
&TYPE "1-HIGHVALE SEAM 1, 2-HIGHVALE SEAM 2, 3-MINED AREAS, 4-LICENCED AREAS,"
&TYPE "5-UNDERGROUND MINES, 6-SURFACE MINES, 7-PERMIT AREAS, 8-WELL STATUS,"
&TYPE "9-MORE INFORMATION ON HIGHVALE, 10-HIGHVALE NORTH, 11-HIGHVALE SOUTH,"
&TYPE "12-WABAMUN MENU, 13-83G MENU, 14-MAIN MENU, 15-PRINTER, 16-EXIT."
&ASK 1 "17-TTY.  PLEASE ENTER YOUR CHOICE " 18
&GOTO S1 &IF &EQ %1 1
&GOTO S2 &IF &EQ %1 2
&GOTO MINED &IF &EQ %1 3
&GOTO PERM &IF &EQ %1 7
&GOTO LIC &IF &EQ %1 4
&GOTO UNDER &IF &EQ %1 5
&GOTO SURF &IF &EQ %1 6
&GOTO STAT &IF &EQ %1 8
&GOTO MORE &IF &EQ %1 9
&GOTO HIGHVN &IF &EQ %1 10
&GOTO HIGHVS &IF &EQ %1 11
&GOTO WAB &IF &EQ %1 12
```

```
&GOTO 83G &IF &EQ %1 13
&GOTO MAIN &IF &EQ %1 14
&GOTO PRINTER &IF &EQ %1 15
&GOTO FINISH &IF &EQ %1 16
&GOTO TTY &IF &EQ %1 17
&GOTO MENU1

&LABEL TTY
MAP END
&TTY
&JUMP MENU1

&LABEL S1
MSEL ALL
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .2 .15
MOVE 5 4.7
TEXT 'HIGHVALE AREA'

TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE 0.1 0.2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 0.1 0.4
TEXT 'COAL GEOLOGY GROUP'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
MEND
MBEGIN
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .1 .07
MOVE 5 4.4
TEXT 'ISOPACH OF COAL SEAM 1'
TEXTSIZE 0.08 0.07
KEYSEPARATION 1 .1
KEYPOSITION 6.0 2.2
KEYBOX .2 .2
KEYSHADE ISO1_KEY
RESEL ISO1 POLYS VMAX LE 2.8
POLYGONSHADES ISO1 31
CLEARSEL
RESEL ISO1 POLYS VMAX GT 2.8 AND VMAX LE 3.2
POLYGONSHADES ISO1 95
CLEARSEL
RESEL ISO1 POLYS VMAX GT 3.2 AND VMAX LE 3.4
POLYGONSHADES ISO1 3
CLEARSEL
RESEL ISO1 POLYS VMAX GT 3.4 AND VMAX LE 3.6
POLYGONSHADES ISO1 30
CLEARSEL
RESEL ISO1 POLYS VMAX GT 3.6 AND VMAX LE 3.8
POLYGONSHADES ISO1 94
CLEARSEL
RESEL ISO1 POLYS VMAX GT 3.8
POLYGONSHADES ISO1 2
CLEARSEL
LINEC 1
ARCS ISO1
MEND
&JUMP OVERLAY

&LABEL S2
MSEL ALL
CLEAR
MDELETE
```

```
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .2 .15
MOVE 5 4.7
TEXT 'HIGHVALE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE 0.1 0.2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 0.1 0.4
TEXT 'COAL GEOLOGY GROUP'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
MEND
MBEGIN
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .1 .07
MOVE 5 4.4
TEXT 'ISOPACH OF COAL SEAM 2'
TEXTSIZE 0.08 0.07
KEYSEPARATION .1 .1
KEYPOSITION 6 3.4
KEYBOX .2 .2
KEYSHADE ISO2.KEY
RESEL ISO2 POLYS CLASS = 1
POLYGONSHADES ISO2 42
CLEARSEL
RESEL ISO2 POLYS CLASS = 2
POLYGONSHADES ISO2 58
CLEARSEL
RESEL ISO2 POLYS CLASS = 3
POLYGONSHADES ISO2 2
CLEARSEL
RESEL ISO2 POLYS CLASS = 4
POLYGONSHADES ISO2 43
CLEARSEL
RESEL ISO2 POLYS CLASS = 5
POLYGONSHADES ISO2 59
CLEARSEL
RESEL ISO2 POLYS CLASS = 6
POLYGONSHADES ISO2 3
CLEARSEL
RESEL ISO2 POLYS CLASS = 7
POLYGONSHADES ISO2 44
CLEARSEL
RESEL ISO2 POLYS CLASS = 8
POLYGONSHADES ISO2 60
CLEARSEL
RESEL ISO2 POLYS CLASS = 9
POLYGONSHADES ISO2 4
CLEARSEL
LINEC 1
ARCS ISO2
MEND
&JUMP OVERLAY

&LABEL MINED
MBEGIN
POLYGONSHADES MINED 4
LINEC 1
ARCS MINED
MOVE 1.5 4.4
TEXTSIZE .09 .07
TEXT 'PIT 03'
MEND
&REM QUERY 10 "REVIEW A DETAIL STUDY ON PIT 03 " &F
&REM GOTO PIT03 &IF &EQ %10 Y
```

```
&JUMP OVERLAY

&LABEL PIT03
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PIT03"
&RUN MANUAL.SML

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 98
LINEC 1
ARCS PERM
TEXTCOLOR 1
MOVE 0.5 4.5
TEXTSIZE .09 .06
TEXT 'PERM#: C77-20'
MEND
&JUMP OVERLAY

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 52
LINEC 1
ARCS LIC
TEXTSIZE .1 .07
POLYGONTEXT LIC LIC_NUM
MEND
&LABEL ASK
&TYPE "1-LICENCE NUMBER FOR EACH POLYGON'"
&ASK 2 "2-LICENCE NUMBER FOR EACH POLYGON, 3-EXIT" 4
&GOTO MAPEX &IF &EQ %2 1
&GOTO IDENT &IF &EQ %2 2
&GOTO OVERLAY &IF &EQ %2 3
&JUMP ASK
&LABEL MAPEX
RESEL LIC POLYS MAPEX
LIST LIC POLYS LIC_NUM
CLEARSEL
&JUMP ASK
&LABEL IDENT
IDENTIFY LIC POLYS * LIC_NUM
&JUMP ASK

&LABEL UNDER
MBEGIN
POINTMARKERS UNDER 85
TEXTSIZE .1 .07
MEND
&LABEL ASK2
&ASK 3 "1-STATUS OF ALL THE MINES, 2-STATUS OF EACH MINE, 3-EXIT " 4
&GOTO MINE2 &IF &EQ %3 1
&GOTO MINE1 &IF &EQ %3 2
&GOTO OVERLAY &IF &EQ %3 3
&JUMP ASK2
&LABEL MINE1
IDENTIFY UNDER POINTS * MINE# LOC.
&JUMP ASK2
&LABEL MINE2
RESEL UNDER POINTS MAPEX
LIST UNDER POINTS MINE# LOC.
CLEARSEL
&JUMP ASK2

&LABEL SURF
MBEGIN
POINTMARKERS SURF 87
MEND
&LABEL ASK3
&ASK 4 "1-STATUS OF ALL THE MINES, 2-STATUS OF EACH MINE, 3-EXIT " 4
&GOTO ALLSURF &IF &EQ %4 1
&GOTO SURF1 &IF &EQ %4 2
&GOTO OVERLAY &IF &EQ %4 3
&GOTO ASK3
&LABEL ALLSURF
RESEL SURF POINTS MAPEX
LIST SURF POINTS MINE# LOC.
CLEARSEL
&JUMP ASK3
```

```
&LABEL SURF1
IDENTIFY SURF POINTS * MINE# LOC.
&JUMP ASK3

&LABEL STAT
&SETVAR 21 0
MBEGIN
MARKERSYMBOL 89
POINTS STAT
MEND
&LABEL SEL
&TYPE "1-REVIEW ALL THE WELLS, 2-REVIEW EACH WELL, "
&ASK 10 "3-ZOOM IN, 4-ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5-EXIT " 6
&GOTO GROUP &IF &EQ %10 1
&GOTO ID &IF &EQ %10 2
&GOTO ZOOM &IF &EQ %10 3
&GOTO ZOOMOUT &IF &EQ %10 4
&GOTO OVERLAY &IF &EQ %10 5
&JUMP SEL

&LABEL GROUP
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID DESCRIPTION
&JUMP SEL

&LABEL ID
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&JUMP SEL

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS STAT
&JUMP SEL

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2

&LABEL ZOOMOUT
MDELETE
CLEAR
CLEARSEL
&SETVAR 21 0
PAGESIZE 9.6 5.6
MAPEX ATS STAT ISO1 ISO2 MINED PERM LIC LAK UNDER SURF
MFRESH
&JUMP SEL

&LABEL MORE
MAP END
KILLMAP MAP1
CLEAR
&RUN HV2.SML

&LABEL HIGHVN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVN"
CLEAR
&RUN MANUAL.SML

&LABEL HIGHVS
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVS"
CLEAR
&RUN MANUAL.SML

&LABEL WAB
KILLMAP MAP1
MAP END
&SYSTEM "CD C:\WABAMUN\SAREA"
CLEAR
&RUN MANUAL.SML
```

```
&LABEL 83G
KILLMAP MAP1
MAP END
&SYSTEM "CD C:\PROJ1"
CLEAR
&RUN 83G.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
CLEAR
&RUN OLTAB.SML

&LABEL FINISH
MAP END
KILLMAP MAP1
QUIT

&LABEL OVERLAY
&QUERY 5 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %5 Y
MDELETE
MFRESH
&JUMP MENU1

&LABEL PRINTER
&RUN PRINTER.SML
CLEAR
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP START
```

FILE -> WABAMUN\MINES\HIGHVA\HV2.SML

```
&REM ****************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS ,FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 ,1988.
&REM ****************************************************
&LABEL START
PAGESIZE 9.6 5.6
CLEAR
MAPEX ATS LAK OVB SMPCD HVPNT
MAP MAP1
MAPANGLE -1.5
&LABEL MENU
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTCOLOR 1
TEXTFONT 0
MOVE 5.5 4.7
TEXTSIZE .2 .15
TEXT 'HIGHVALE AREA'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE 0.1 0.07
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
MEND
TEXTCOLOR 1
TEXTFONT 0
&LABEL MENU1
```

```
&TYPE "1-COAL DRILLHOLE LOCATIONS, 2-CUMULATIVE STRATIGRAPHIC OVERBURDEN,"
&TYPE "3-TYPES OF ANALYSIS PERFORMED, 4-COAL QUALITY FOR SEAM 1,"
&TYPE "5-COAL QUALITY FOR SEAM 2, 6-COAL QUALITY FOR SEAM 3,"
&TYPE "7-COAL QUALITY FOR SEAM 4, 8-COAL QUALITY FOR SEAM 5,"
&TYPE "9-COAL QUALITY FOR SEAM 6, 10-PRINTER, 11-HIGHVALE MAIN MENU, "
&TYPE "12 - WABAMUN MENU, 13 - 83G MENU, 14-MAIN MENU, 15 -EXIT "
&ASK 1 "16-TTY.  PLEASE ENTER YOUR CHOICE" 17
&GOTO DRILLHOLE &IF &EQ %1 1
&GOTO ANALYSIS &IF &EQ %1 3
&GOTO STRAT &IF &EQ %1 2
&GOTO S1 &IF &EQ %1 4
&GOTO S2 &IF &EQ %1 5
&GOTO S3 &IF &EQ %1 6
&GOTO S4 &IF &EQ %1 7
&GOTO S5 &IF &EQ %1 8
&GOTO S6 &IF &EQ %1 9
&GOTO PRINTER &IF &EQ %1 10
&GOTO HIGHVALE &IF &EQ %1 11
&GOTO WABAMUN &IF &EQ %1 12
&GOTO 83G &IF &EQ %1 13
&GOTO MAIN &IF &EQ %1 14
&GOTO EXIT &IF &EQ %1 15
&GOTO TTY &IF &EQ %1 16
&GOTO MENU1

&LABEL TTY
MAP END
&TTY
&JUMP MENU1

&LABEL DRILLHOLE
&SETVAR 4 "QUERY1"
MBEGIN
MARKERSYMBOL 89
POINTS HVPNT
MEND
&LABEL QUERY1
&SETVAR 21 0
&QUERY 2 "ZOOM IN " &F
&GOTO ZOOM1 &IF &EQ %2 Y
&LABEL HERE
&TYPE "1-INFO ON ALL HOLES, 2-INFO ON EACH HOLE, 3-ZOOM IN, "
&TYPE "4-ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5-EXIT "
&ASK 3 "PLEASE ENTER YOUR CHOICE " 6
&GOTO MAPEX &IF &EQ %3 1
&GOTO BOTH &IF &EQ %3 2
&GOTO ZOOM1 &IF &EQ %3 3
&GOTO ZOOMOUT &IF &EQ %3 4
&GOTO OVERLAY &IF &EQ %3 5
&JUMP HERE

&LABEL ZOOM1
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE1 &IF &NE %21 1
&LABEL ZOOMIN
CLEAR
POINTS HVPNT
&JUMP HERE

&LABEL DELETE1
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOMIN

&LABEL MAPEX
RESEL HVPNT POINTS MAPEX
LIST HVPNT POINTS HV-CODE EAST NORTH
&JUMP HERE

&LABEL BOTH
IDENTIFY HVPNT POINTS * HV-CODE EAST NORTH
&JUMP HERE

&LABEL STRAT
&SETVAR 22 0
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOT"
```

```
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .2 .15
MOVE 5.5 4.7
TEXT 'HIGHVALE AREA'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE 0.1 0.07
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .13 .1
MOVE 5.5 4.4
TEXT 'CUMULATIVE STRATIGRAPHIC'
MOVE 5.5 4.2
TEXT 'OVERBURDEN'
TEXTSIZE .1 .07
KEYPOSITION 5.5 4.0
KEYSEPARATION .1 .1
KEYBOX .1 .1
KEYMARKER STRAT.KEY NOBOX
MEND
&LABEL START1
&TYPE "STRATIGRAPHIC CODES : MAJOR UNITS - 10,20,30,35,36,40,60,"
&TYPE " SUB UNITS - 80,46,47,48,61,62,63,635,64,65,89  0 - QUIT"
&ASK 4 "ENTER UNIT NUMBER" &F
&GOTO OVERLAY &IF &EQ %4 0
&GOTO %4

&LABEL 10
MBEGIN
RESEL OVB POINTS STR-10 GT 0.0
MARKERSYMBOL 59
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK10
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK10
&LABEL IDENT
IDENTIFY OVB POINTS * STR-10 HV-CODE NORTH EAST
&GOTO ASK10

&LABEL 20
MBEGIN
RESEL OVB POINTS STR-20 GT 0.0
MARKERSYMBOL 79
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK20
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
```

```
&GOTO IDENT20 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK20
&LABEL IDENT20
IDENTIFY OVB POINTS * STR-20 HV-CODE NORTH EAST
&JUMP ASK20

&LABEL 30
MBEGIN
RESEL OVB POINTS STR-30 GT 0.0
MARKERSYMBOL 77
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK30
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT30 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK30
&LABEL IDENT30
IDENTIFY OVB POINTS * STR-30 HV-CODE NORTH EAST
&JUMP ASK30

&LABEL 35
MBEGIN
RESEL OVB POINTS STR-35 GT 0.0
MARKERSYMBOL 75
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK35
&ASK 8 "1-CODE & COORDINATES, 2-EXIT ,3-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY) " 4
&GOTO IDENT35 &IF &EQ %8 1
&GOTO OVERLAY3 &IF &EQ %8 2
&GOTO ZOOMOUT2 &IF &EQ %8 3
&JUMP ASK35
&LABEL IDENT35
IDENTIFY OVB POINTS * STR-35 HV-CODE NORTH EAST
&JUMP ASK35

&LABEL 36
MBEGIN
RESEL OVB POINTS STR-36 GT 0.0
MARKERSYMBOL 73
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK36
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT36 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK36
&LABEL IDENT36
IDENTIFY OVB POINTS * STR-36 HV-CODE NORTH EAST
&JUMP ASK36

&LABEL 40
MBEGIN
RESEL OVB POINTS STR-40 GT 0.0
MARKERSYMBOL 47
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK40
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
```

```
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT40 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK40
&LABEL IDENT40
IDENTIFY OVB POINTS * STR-40 HV-CODE NORTH EAST
&JUMP ASK40

&LABEL 60
MBEGIN
RESEL OVB POINTS STR-60 GT 0.0
MARKERSYMBOL 45
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK60
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT60 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK60
&LABEL IDENT60
IDENTIFY OVB POINTS * STR-60 HV-CODE NORTH EAST
&JUMP ASK60

&LABEL 80
MBEGIN
RESEL OVB POINTS STR-80 GT 0.0
MARKERSYMBOL 30
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK80
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT80 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK80
&LABEL IDENT80
IDENTIFY OVB POINTS * STR-80 HV-CODE NORTH EAST
&JUMP ASK80

&LABEL 46
MBEGIN
RESEL OVB POINTS STR-46 GT 0.0
MARKERSYMBOL 29
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK46
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT46 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK46
&LABEL IDENT46
IDENTIFY OVB POINTS * STR-46 HV-CODE NORTH EAST
&JUMP ASK46

&LABEL 47
MBEGIN
RESEL OVB POINTS STR-47 GT 0.0
MARKERSYMBOL 28
POINTS OVB
```

```
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK47
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT47 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK47
&LABEL IDENT47
IDENTIFY OVB POINTS * STR-47 HV-CODE NORTH EAST
&JUMP ASK47

&LABEL 48
MBEGIN
RESEL OVB POINTS STR-48 GT 0.0
MARKERSYMBOL 27
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK48
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT48 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK48
&LABEL IDENT48
IDENTIFY OVB POINTS * STR-48 HV-CODE NORTH EAST
&JUMP ASK48

&LABEL 61
MBEGIN
RESEL OVB POINTS STR-61 GT 0.0
MARKERSYMBOL 25
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK61
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT61 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK61
&LABEL IDENT61
IDENTIFY OVB POINTS * STR-61 HV-CODE NORTH EAST
&JUMP ASK61

&LABEL 62
MBEGIN
RESEL OVB POINTS STR-62 GT 0.0
MARKERSYMBOL 20
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK62
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT62 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK62
&LABEL IDENT62
IDENTIFY OVB POINTS * STR-62 HV-CODE NORTH EAST
&JUMP ASK62
```

```
&LABEL 63
MBEGIN
RESEL OVB POINTS STR-63 GT 0.0
MARKERSYMBOL 19
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK63
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT63 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK63
&LABEL IDENT63
IDENTIFY OVB POINTS * STR-63 HV-CODE NORTH EAST
&JUMP ASK63

&LABEL 635
MBEGIN
RESEL OVB POINTS STR-635 GT 0.0
MARKERSYMBOL 17
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK635
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT635 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK635
&LABEL IDENT635
IDENTIFY OVB POINTS * STR-635 HV-CODE NORTH EAST
&JUMP ASK635

&LABEL 64
MBEGIN
RESEL OVB POINTS STR-64 GT 0.0
MARKERSYMBOL 4
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK64
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT64 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK64
&LABEL IDENT64
IDENTIFY OVB POINTS * STR-64 HV-CODE NORTH EAST
&JUMP ASK64

&LABEL 65
MBEGIN
RESEL OVB POINTS STR-65 GT 0.0
MARKERSYMBOL 3
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK65
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE ,3-ZOOM IN,"
&ASK 8 "4-ZOOM OUT (FOR ZOOMED-IN IMAGE ONLY), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT65 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
```

```
&JUMP ASK65
&LABEL IDENT65
IDENTIFY OVB POINTS * STR-65 HV-CODE NORTH EAST
&JUMP ASK65

&LABEL 89
MBEGIN
RESEL OVB POINTS STR-89 GT 0.0
MARKERSYMBOL 1
POINTS OVB
MEND
&QUERY 5  "ZOOM IN " &F
&GOTO ZOOM &IF &EQ %5 Y
&LABEL ASK89
&TYPE "1-REVIEW INFO ON ALL HOLES. 2-REVIEW INFO ON EACH HOLE .3-ZOOM IN."
&ASK 8 "4-ZOOM OUT (EXIT FOR ZOOMED-IN IMAGE), 5-EXIT " 6
&GOTO MAPEX1 &IF &EQ %8 1
&GOTO IDENT89 &IF &EQ %8 2
&GOTO ZOOM &IF &EQ %8 3
&GOTO ZOOMOUT2 &IF &EQ %8 4
&GOTO OVERLAY3 &IF &EQ %8 5
&JUMP ASK89
&LABEL IDENT89
IDENTIFY OVB POINTS * STR-89 HV-CODE NORTH EAST
&JUMP ASK89

&LABEL ZOOM
&CALCVAR 22 %22 + 1
MAPEX *
&GOTO DELETE2 &IF &NE %22 1
&LABEL ZOOMIN2
CLEAR
POINTS OVB
&JUMP ASK%4

&LABEL DELETE2
&CALCVAR 22 %22 - 1
MDELETE
&JUMP ZOOMIN2

&LABEL MAPEX1
RESEL OVB POINTS MAPEX
LIST OVB POINTS STR-%4 HV-CODE NORTH EAST
&JUMP ASK%4

&LABEL OVERLAY3
&QUERY 12 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO START1 &IF &EQ %12 Y
MDELETE
MFRESH
&JUMP START1

&LABEL OVERLAY
CLEARSEL
&QUERY 15 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
&GOTO MENU1 &IF &EQ %15 Y
MDELETE
MFRESH
&JUMP MENU1

&LABEL ANALYSIS
&SETVAR 4 "SMPCD"
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTCOLOR 1
MOVE 5.5 4.7
TEXTSIZE .2 .15
TEXT 'HIGHVALE AREA'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE 0.1 0.07
```

```
MOVE  1  4
TEXT 'COAL GEOLOGY GROUP'
MOVE  1  .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7  .6
TEXT ' ALBERTA'
MOVE 8.7  .4
TEXT 'RESEARCH'
MOVE 8.7  .2
TEXT ' COUNCIL'
TEXTCOLOR  1
TEXTFONT  0
MEND
MBEGIN
MOVE 5.3  4.4
TEXTSIZE  .12  .09
TEXT 'TYPES OF ANALYSIS PERFORMED :'
TEXTSIZE  .1  .07
MOVE 5.5  4.1
TEXT 'C - COMPOSITE SAMPLE'
MOVE 5.5  3.8
TEXT 'G - GROSS SUB-UNIT SAMPLE'
MOVE 5.5  3.5
TEXT 'D - DETAIL SAMPLE'
MOVE 5.5  3.2
TEXT 'N - SAMPLE TYPE C,G,D WITHOUT'
MOVE 5.9  3.0
TEXT 'SEAM CODE'
MOVE 5.5  2.7
TEXT 'Q - QUIT'
MEND
&SETVAR 20  72
&LABEL RESPONSE
&SETVAR 23  0
&TYPE "C-COMPOSITE SAMPLE, G-GROSS SUB-UNIT SAMPLE, D-DETAIL SAMPLE,"
&TYPE "N-SAMPLE WITHOUT SEAM CODE, Q-QUIT"
&RESPONSE 8 "PLEASE ENTER YOUR CHOICE " &F
&GOTO  NOCODE &IF &EQ %8 "N"
&GOTO  OVERLAY &IF &EQ %8 "Q"
&LABEL ASK2
&ASK  9 "SELECT COAL SEAM (1-6)   0 - EXIT" 7
&GOTO  RESPONSE &IF &EQ %9  0
&GOTO  SEAMS &IF &RN %9  1  6
&JUMP  ASK2

&LABEL SEAMS
MBEGIN
MOVE 5.3  4.4
TEXTSIZE  .12  .09
TEXT 'TYPES OF ANALYSIS PERFORMED '
RESEL SMPCD POINTS S%9_%8 = 1
&TYPE "*****************************"
&TYPE "* DISPLAYING TYPE %8 SEAM %9 *"
&TYPE "*****************************"
&CALCVAR  20  %20 + 1
MARKERSYMBOL  %20
POINTS  SMPCD
MEND
&QUERY  2  "ZOOM IN "  &F
&GOTO  ZOOM2  &IF &EQ %2  Y
&LABEL CONT
&TYPE "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE, 3-ZOOM-IN "
&TYPE "4-ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5-EXIT "
&ASK  12  "ENTER YOUR CHOICE "  6
&GOTO  MAPEX2  &IF &EQ %12  1
&GOTO  3  &IF &EQ %12  2
&GOTO  ZOOM2  &IF &EQ %12  3
&GOTO  OVERLAY2  &IF &EQ %12  5
&GOTO  ZOOMOUT  &IF &EQ %12  4
&JUMP  CONT

&LABEL SMPCD
RESEL SMPCD POINTS S%9_%8 = 1
&JUMP  CONT

&LABEL ZOOM2
&CALCVAR  23  %23 + 1
MAPEX *
&GOTO  DELETE3  &IF &NE %23  1
```

```
&LABEL ZOOMIN3
CLEAR
POINTS SMPCD
&JUMP CONT

&LABEL DELETE3
&CALCVAR 23 %23 - 1
MDELETE
&JUMP ZOOMIN3

&LABEL MAPEX2
RESEL SMPCD POINTS MAPEX
LIST SMPCD POINTS HV-CODE NORTH EAST
&JUMP CONT

&LABEL 3
IDENTIFY SMPCD POINTS * HV-CODE NORTH EAST
&QUERY 13 "CONTINUE TO SELECT" &F
&GOTO 3 &IF &EQ %13 Y
&JUMP CONT

&LABEL NOCODE
&SETVAR 4 "NOCODE"
&RESPONSE 11 "WHICH SAMPLE TYPE (C,G,D) ? Q - QUIT" Q
&GOTO OVERLAY2 &IF &EQ %11 "Q"
RESEL SMPCD POINTS NOCODE_%11 = 1
MARKERSYMBOL %20
POINTS SMPCD
&JUMP CONT

&REM LABEL ASK3
&REM ASK 12 "1-REVIEW INFO ON ALL HOLES, 2-REVIEW INFO ON EACH HOLE, 3-EXIT" 4
&REM GOTO MAPEX3 &IF &EQ %12 1
&REM GOTO NOCODE1 &IF &EQ %12 2
&REM CLEARSEL
&REM GOTO NOCODE &IF &EQ %12 3
&REM JUMP ASK3

&LABEL MAPEX3
RESEL SMPCD POINTS MAPEX
LIST SMPCD POINTS HV-CODE NORTH EAST
&JUMP ASK3

&LABEL NOCODE1
IDENTIFY SMPCD POINTS * HV-CODE NORTH EAST
&QUERY 13 "CONTINUE TO SELECT" &F
&GOTO NOCODE1 &IF &EQ %13 Y
&JUMP ASK3

&LABEL OVERLAY2
CLEARSEL
&QUERY 12 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO RESPONSE &IF &EQ %12 Y
MDELETE
MFRESH
&JUMP RESPONSE

&LABEL ZOOMOUT
CLEAR
MDELETE
CLEARSEL
MAPEX ATS OVB SMPCD LAK HVPNT
PAGESIZE 9.6 5.6
MFRESH
&SETVAR 23 0
&JUMP %4

&LABEL ZOOMOUT2
CLEAR
MDELETE
CLEARSEL
MAPEX ATS OVB SMPCD LAK HVPNT
PAGESIZE 9.6 5.6
MFRESH
&SETVAR 22 0
&JUMP SEL%4

&LABEL SEL10
RESEL OVB POINTS STR-10 GT 0.0
```

```
&JUMP ASK%4

&LABEL SEL20
RESEL OVB POINTS STR-20 GT 0.0
&JUMP ASK%4

&LABEL SEL30
RESEL OVB POINTS STR-30 GT 0.0
&JUMP ASK%4

&LABEL SEL35
RESEL OVB POINTS STR-35 GT 0.0
&JUMP ASK%4

&LABEL SEL36
RESEL OVB POINTS STR-36 GT 0.0
&JUMP ASK%4

&LABEL SEL40
RESEL OVB POINTS STR-40 GT 0.0
&JUMP ASK%4

&LABEL SEL60
RESEL OVB POINTS STR-60 GT 0.0
&JUMP ASK%4

&LABEL SEL80
RESEL OVB POINTS STR-80 GT 0.0
&JUMP ASK%4

&LABEL SEL46
RESEL OVB POINTS STR-46 GT 0.0
&JUMP ASK%4

&LABEL SEL47
RESEL OVB POINTS STR-47 GT 0.0
&JUMP ASK%4

&LABEL SEL48
RESEL OVB POINTS STR-48 GT 0.0
&JUMP ASK%4

&LABEL SEL61
RESEL OVB POINTS STR-61 GT 0.0
&JUMP ASK%4

&LABEL SEL62
RESEL OVB POINTS STR-62 GT 0.0
&JUMP ASK%4

&LABEL SEL63
RESEL OVB POINTS STR-63 GT 0.0
&JUMP ASK%4

&LABEL SEL635
RESEL OVB POINTS STR-635 GT 0.0
&JUMP ASK%4

&LABEL SEL64
RESEL OVB POINTS STR-64 GT 0.0
&JUMP ASK%4

&LABEL SEL65
RESEL OVB POINTS STR-65 GT 0.0
&JUMP ASK%4

&LABEL SEL89
RESEL OVB POINTS STR-89 GT 0.0
&JUMP ASK%4

&LABEL S1
MAP END
KILLMAP MAP1
&SETVAR 20 "SEAM1"
&RUN %20
&GOTO START

&LABEL S2
MAP END
```

```
KILLMAP MAP1
&SETVAR 20 "SEAM2"
&RUN %20
&GOTO START

&LABEL S3
KILLMAP MAP1
MAP END
&SETVAR 20 "SEAM3"
&RUN %20
&GOTO START

&LABEL S4
KILLMAP MAP1
MAP END
&SETVAR 20 "SEAM4"
&RUN %20
&GOTO START

&LABEL S5
MAP END
KILLMAP MAP1
&SETVAR 20 "SEAM5"
&RUN %20
&GOTO START

&LABEL S6
MAP END
KILLMAP MAP1
&SETVAR 20 "SEAM6"
&RUN %20
&GOTO START

&LABEL HIGHVALE
MAP END
KILLMAP MAP1
CLEAR
&SETVAR 20 "MANUAL"
&RUN %20

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL 83G
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN 83G.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN QLTAB.SML

&LABEL EXIT
MAP END
KILLMAP MAP1
Q

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP START
```

FILE -> WABAMUN\MINES\HIGHVA\SEAM 1.SML

```
&REM ************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
```

```
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS .FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 ,1988
&REM ************************************************
PAGESIZE 9.6 5.6
MAPEX ATS LAK SEAM1
&LABEL SEAM1
CLEAR
MAP MAP1
MAPANGLE -1.5
&LABEL SEAM
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .15 .12
MOVE 5.5 4.5
TEXT 'HIGHVALE MINES'
TEXTSIZE .1 .07
MOVE 5.5 4.2
TEXT 'COAL SEAM 1'
KEYPOSITION 5.5 3.6
KEYSEPARATION .2 .15
KEYBOX .09 .09
TEXTSIZE .1 .07
KEYMARKER SEAM.KEY NOBOX
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL OVLAY
&TYPE "13 - EXIT, 14-PRINTER, 15-TTY "
&ASK 16 "PLEASE ENTER YOUR CHOICE " 16
&GOTO H2O &IF &EQ %16 1
&GOTO VOLM &IF &EQ %16 2
&GOTO ASH &IF &EQ %16 3
&GOTO FXC &IF &EQ %16 4
&GOTO SUL &IF &EQ %16 5
&GOTO CAL &IF &EQ %16 6
&GOTO H2O1 &IF &EQ %16 7
&GOTO VOLM1 &IF &EQ %16 8
&GOTO ASH1 &IF &EQ %16 9
&GOTO FXC1 &IF &EQ %16 10
&GOTO SUL1 &IF &EQ %16 11
&GOTO CAL1 &IF &EQ %16 12
&GOTO EXIT &IF &EQ %16 13
&GOTO PRINTER &IF &EQ %16 14
&GOTO TTY &IF &EQ %16 15
&GOTO OVLAY

&LABEL TTY
MAP END
&TTY
&JUMP OVLAY

&LABEL H2O
&SETVAR 21 0
&SETVAR 3 "H2O"
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM1 POINTS RCDC-H2O GT 0.0
MARKERSYMBOL 1
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
```

```
&SETVAR 4 "SEL1"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL1
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX &IF &EQ %17 1
&GOTO A1 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL1

&LABEL MAPEX
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE RCDC-H2O
&JUMP SEL1

&LABEL A1
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A1 &IF &EQ %18 Y
&JUMP SEL1

&LABEL H2O1
&SETVAR 21 0
&SETVAR 3 "H2O"
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM1 POINTS ADJC-H2O GT 0.0
MARKERSYMBOL 71
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL2"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL2
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX2 &IF &EQ %17 1
&GOTO A2 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL2

&LABEL MAPEX2
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE ADJC-H2O
&JUMP SEL2

&LABEL A2
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE ADJC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A2 &IF &EQ %18 Y
&JUMP SEL2

&LABEL VOLM
MBEGIN
&SETVAR 21 0
&SETVAR 3 "VLT"
&SETVAR 10 "RCDC"
RESEL SEAM1 POINTS RCDC-VLT GT 0.0
MARKERSYMBOL 2
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL3"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL3
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX3 &IF &EQ %17 1
&GOTO A3 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
```

```
&JUMP SEL3

&LABEL MAPEX3
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE RCDC-VLT
&JUMP SEL3

&LABEL A3
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A3 &IF &EQ %18 Y
&JUMP SEL3

&LABEL VOLM1
&SETVAR 21 0
&SETVAR 3 "VLT"
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM1 POINTS ADJC-VLT GT 0.0
MARKERSYMBOL 72
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL4"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL4
&TYPE "1 - REVIEW INFO ON ALL HOLES. 2 - REVIEW INFO ONB EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX4 &IF &EQ %17 1
&GOTO A4 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL4

&LABEL MAPEX4
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE ADJC-VLT
&JUMP SEL4

&LABEL A4
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE ADJC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A4 &IF &EQ %18 Y
&JUMP SEL4

&LABEL ASH
&SETVAR 21 0
&SETVAR 3 "ASH"
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM1 POINTS RCDC-ASH GT 0.0
MARKERSYMBOL 3
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL5"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL5
&TYPE "1 - REVIEW INFO ON ALL HOLES. 2 - REVIEW INFO ONB EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX5 &IF &EQ %17 1
&GOTO A5 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL5

&LABEL MAPEX5
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE RCDC-ASH
&JUMP SEL5

&LABEL A5
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A5 &IF &EQ %18 Y
```

```
&JUMP SEL5

&LABEL ASH1
MBEGIN
&SETVAR 21 0
&SETVAR 3 "ASH"
&SETVAR 10 "ADJC"
RESEL SEAM1 POINTS ADJC-ASH GT 0.0
MARKERSYMBOL 89
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL6"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL6
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE ADJC-ASH
&JUMP SEL6
&LABEL O6
IDENTIFY SEAM1 POINTS * ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO O6 &IF &EQ %18 Y
&JUMP SEL6
&LABEL A6
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A6 &IF &EQ %18 Y
&JUMP SEL6

&LABEL FXC
&SETVAR 21 0
&SETVAR 3 "FXC"
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM1 POINTS RCDC-FXC GT 0.0
MARKERSYMBOL 4
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL7"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL7
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX7 &IF &EQ %17 1
&GOTO A7 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL7

&LABEL MAPEX7
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE RCDC-FXC
&JUMP SEL7

&LABEL A7
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A7 &IF &EQ %18 Y
&JUMP SEL7

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
&RETURN
```

```
&LABEL FXC1
&SETVAR 21 0
&SETVAR 3 "FXC"
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM1 POINTS ADJC-FXC GT 0.0
MARKERSYMBOL 90
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL8"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL8
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX8 &IF &EQ %17 1
&GOTO A8 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL8

&LABEL MAPEX8
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE ADJC-FXC
&JUMP SEL8

&LABEL A8
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE ADJC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A8 &IF &EQ %18 Y
&JUMP SEL8

&LABEL SUL
&SETVAR 21 0
&SETVAR 3 "S"
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM1 POINTS RCDC-S GT 0.0
MARKERSYMBOL 69
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL9"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL9
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX9 &IF &EQ %17 1
&GOTO A9 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL9

&LABEL MAPEX9
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE RCDC-S
&JUMP SEL9
&LABEL Q9
IDENTIFY SEAM1 POINTS * RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO Q9 &IF &EQ %18 Y
&JUMP SEL9
&LABEL A9
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A9 &IF &EQ %18 Y
&JUMP SEL9

&LABEL SUL1
&SETVAR 21 0
&SETVAR 3 "S"
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM1 POINTS ADJC-S GT 0.0
MARKERSYMBOL 91
```

```
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL10"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL10
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX10 &IF &EQ %17 1
&GOTO A10 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL1

&LABEL MAPEX10
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE ADJC-S
&JUMP SEL10

&LABEL A10
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE ADJC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A10 &IF &EQ %18 Y
&JUMP SEL10

&LABEL CAL
&SETVAR 21 0
&SETVAR 3 "CAL"
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM1 POINTS RCDC-CAL GT 0.0
MARKERSYMBOL 70
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL11"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL11
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX11 &IF &EQ %17 1
&GOTO A11 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL11

&LABEL MAPEX11
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE RCDC-CAL
&JUMP SEL11
&LABEL Q11
IDENTIFY SEAM1 POINTS * RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO Q11 &IF &EQ %18 Y
&JUMP SEL11
&LABEL A11
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A11 &IF &EQ %18 Y
&JUMP SEL11

&LABEL CAL1
&SETVAR 21 0
&SETVAR 3 "CAL"
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM1 POINTS ADJC-CAL GT 0.0
MARKERSYMBOL 92
POINTS SEAM1
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL12"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL12
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ONB EACH HOLE."
```

```
&TYPE '3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY). 5 - EXIT'
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX12 &IF &EQ %17 1
&GOTO A12 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL12

&LABEL MAPEX12
RESEL SEAM1 POINTS MAPEX
LIST SEAM1 POINTS NORTH EAST HV-CODE ADJC-CAL
&JUMP SEL12

&LABEL A12
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE ADJC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A12 &IF &EQ %18 Y
&JUMP SEL12

&LABEL DISPLAY
&QUERY 19 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO OVLAY &IF &EQ %19 Y
MDELETE
MFRESH
&JUMP OVLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP SEAM1

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS SEAM1
&JUMP %4

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2

&LABEL ZOOMOUT
MDELETE
CLEARSEL
MAPEX ATS SEAM1
PAGESIZE 9.6 5.6
MFRESH
RESEL SEAM1 POINTS %10-%3 GT 0.0
&SETVAR 21 0
&JUMP %4
```

FILE -> WABAMUN\MINES\HIGHVA\SEAM 2.SML

```
&REM ***************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS .FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 .1988
&REM ***************************************************
PAGESIZE 9.6 5.6
MAPEX ATS LAK SEAM2
&LABEL SEAM2
CLEAR
MAP MAP1
MAPANGLE -1.5
&LABEL SEAM
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
```

```
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .15 .12
MOVE 5.5 4.5
TEXT 'HIGHVALE MINES'
TEXTSIZE .1 .07
MOVE 5.5 4.2
TEXT 'COAL SEAM 2'
KEYPOSITION 5.5 3.6
KEYSEPARATION .2 .15
KEYBOX .09 .09
TEXTSIZE .1 .07
KEYMARKER SEAM.KEY NOBOX
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL OVLAY
&TYPE "13 - EXIT, 14-PRINTER, 15-TTY "
&ASK 16 "PLEASE ENTER YOUR CHOICE " 16
&GOTO H2O &IF &EQ %16 1
&GOTO VOLM &IF &EQ %16 2
&GOTO ASH &IF &EQ %16 3
&GOTO FXC &IF &EQ %16 4
&GOTO SUL &IF &EQ %16 5
&GOTO CAL &IF &EQ %16 6
&GOTO H2O1 &IF &EQ %16 7
&GOTO VOLM1 &IF &EQ %16 8
&GOTO ASH1 &IF &EQ %16 9
&GOTO FXC1 &IF &EQ %16 10
&GOTO SUL1 &IF &EQ %16 11
&GOTO CAL1 &IF &EQ %16 12
&GOTO EXIT &IF &EQ %16 13
&GOTO PRINTER &IF &EQ %16 14
&GOTO TTY &IF &EQ %16 15
&GOTO OVLAY

&LABEL TTY
MAP END
&TTY
&JUMP OVLAY


&LABEL H2O
&SETVAR 3 "H2O"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS RCDC-H2O GT 0.0
MARKERSYMBOL 1
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL1"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL1
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY),"
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX &IF &EQ %17 1
&GOTO A1 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL1
```

```
&LABEL MAPEX
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE RCDC-H2O
&JUMP SEL1

&LABEL A1
IDENTIFY SEAM1 POINTS * NORTH EAST HV-CODE RCDC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A1 &IF &EQ %18 Y
&JUMP SEL1

&LABEL H2O1
&SETVAR 3 "H2O"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS ADJC-H2O GT 0.0
MARKERSYMBOL 71
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL2"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL2
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY)."
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX2 &IF &EQ %17 1
&GOTO A2 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL2

&LABEL MAPEX2
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE ADJC-H2O
&JUMP SEL2
&LABEL A2
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE ADJC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A2 &IF &EQ %18 Y
&JUMP SEL2

&LABEL VOLM
MBEGIN
&SETVAR 3 "VLT"
&SETVAR 10 "RCDC"
&SETVAR 21 0
RESEL SEAM2 POINTS RCDC-VLT GT 0.0
MARKERSYMBOL 2
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL3"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL3
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY)."
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX3 &IF &EQ %17 1
&GOTO A3 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL3

&LABEL MAPEX3
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE RCDC-VLT
&JUMP SEL3
&LABEL A3
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE RCDC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A3 &IF &EQ %18 Y
&JUMP SEL3
```

```
&LABEL VOLM1
&SETVAR 3 "VLT"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS ADJC-VLT GT 0.0
MARKERSYMBOL 72
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL4"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL4
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY),"
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX4 &IF &EQ %17 1
&GOTO A4 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL4

&LABEL MAPEX4
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE ADJC-VLT
&JUMP SEL4
&LABEL A4
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE ADJC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A4 &IF &EQ %18 Y
&JUMP SEL4

&LABEL ASH
&SETVAR 3 "ASH"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS RCDC-ASH GT 0.0
MARKERSYMBOL 3
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL5"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL5
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY )."
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE RCDC-ASH
&JUMP SEL6
&LABEL A5
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE RCDC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A5 &IF &EQ %18 Y
&JUMP SEL5

&LABEL ASH1
MBEGIN
&SETVAR 3 "ASH"
&SETVAR 10 "ADJC"
&SETVAR 21 0
RESEL SEAM2 POINTS ADJC-ASH GT 0.0
MARKERSYMBOL 89
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL6"
```

```
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL6
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY),"
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE ADJC-ASH
&JUMP SEL6
&LABEL A6
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A6 &IF &EQ %18 Y
&JUMP SEL6

&LABEL FXC
&SETVAR 3 "FXC"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS RCDC-FXC GT 0.0
MARKERSYMBOL 4
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL7"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL7
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY)."
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX7 &IF &EQ %17 1
&GOTO A7 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL7

&LABEL MAPEX7
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE RCDC-FXC
&JUMP SEL7
&LABEL A7
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE RCDC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A7 &IF &EQ %18 Y
&JUMP SEL7

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
&RETURN

&LABEL FXC1
&SETVAR 3 "FXC"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS ADJC-FXC GT 0.0
MARKERSYMBOL 90
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL8"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL8
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY),"
&TYPE "5 - EXIT"
```

```
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX8 &IF &EQ %17 1
&GOTO A8 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL8

&LABEL MAPEX8
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE ADJC-FXC
&JUMP SEL8
&LABEL A8
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE ADJC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A8 &IF &EQ %18 Y
&JUMP SEL8

&LABEL SUL
&SETVAR 3 "S"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS RCDC-S GT 0.0
MARKERSYMBOL 69
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL9"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL9
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY)."
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX9 &IF &EQ %17 1
&GOTO A9 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL9

&LABEL MAPEX9
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE RCDC-S
&JUMP SEL9
&LABEL A9
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A9 &IF &EQ %18 Y
&JUMP SEL9

&LABEL SUL1
&SETVAR 3 "S"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS ADJC-S GT 0.0
MARKERSYMBOL 91
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL10"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL10
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY)."
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX10 &IF &EQ %17 1
&GOTO A10 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL10

&LABEL MAPEX10
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE ADJC-S
```

```
&JUMP SEL10
&LABEL A10
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE ADJC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A10 &IF &EQ %18 Y
&JUMP SEL10

&LABEL CAL
&SETVAR 3 "CAL"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS RCDC-CAL GT 0.0
MARKERSYMBOL 70
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL11"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL11
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY),"
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX11 &IF &EQ %17 1
&GOTO A11 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL11

&LABEL MAPEX11
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE RCDC-CAL
&JUMP SEL11
&LABEL A11
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A11 &IF &EQ %18 Y
&JUMP SEL11

&LABEL CAL1
&SETVAR 3 "CAL"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM2 POINTS ADJC-CAL GT 0.0
MARKERSYMBOL 92
POINTS SEAM2
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL12"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL12
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY),"
&TYPE "5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX12 &IF &EQ %17 1
&GOTO A12 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL12

&LABEL MAPEX12
RESEL SEAM2 POINTS MAPEX
LIST SEAM2 POINTS NORTH EAST HV-CODE ADJC-CAL
&JUMP SEL12
&LABEL A12
IDENTIFY SEAM2 POINTS * NORTH EAST HV-CODE ADJC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A12 &IF &EQ %18 Y
&JUMP SEL12

&LABEL DISPLAY
&QUERY 19 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO OVLAY &IF &EQ %19 Y
```

```
MDELETE
MFRESH
&JUMP OVLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP SEAM2

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS SEAM2
&JUMP %4

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2

&LABEL ZOOMOUT
MDELETE
MAPEX ATS SEAM2
CLEARSEL
PAGESIZE 9.6 5.6
MFRESH
RESEL SEAM2 POINTS %10-%3 GT 0.0
&SETVAR 21 0
&JUMP %4
```

FILE -> WABAMUN\MINES\HIGHVA\SEAM 3.SML

```
&REM ****************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS ,FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 ,1988.
&REM ****************************************************
PAGESIZE 9.6 5.6
MAPEX ATS LAK SEAM3
&LABEL SEAM3
CLEAR
MAP MAP1
MAPANGLE -1.5
&LABEL SEAM
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .15 .12
MOVE 5.5 4.5
TEXT 'HIGHVALE MINES'
TEXTSIZE .1 .07
MOVE 5.5 4.2
TEXT 'COAL SEAM 3'
KEYPOSITION 5.5 3.6
KEYSEPARATION .2 .15
KEYBOX .09 .09
TEXTSIZE .1 .07
KEYMARKER SEAM.KEY NOBOX
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
```

```
TEXT 'RESEARCH'
MOVE 8 7  2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL OVLAY
&TYPE "13 - EXIT, 14-PRINTER, 15-TTY "
&ASK 16 "PLEASE ENTER YOUR CHOICE " 16
&GOTO H2O &IF &EQ %16 1
&GOTO VOLM &IF &EQ %16 2
&GOTO ASH &IF &EQ %16 3
&GOTO FXC &IF &EQ %16 4
&GOTO SUL &IF &EQ %16 5
&GOTO CAL &IF &EQ %16 6
&GOTO H2O1 &IF &EQ %16 7
&GOTO VOLM1 &IF &EQ %16 8
&GOTO ASH1 &IF &EQ %16 9
&GOTO FXC1 &IF &EQ %16 10
&GOTO SUL1 &IF &EQ %16 11
&GOTO CAL1 &IF &EQ %16 12
&GOTO EXIT &IF &EQ %16 13
&GOTO PRINTER &IF &EQ %16 14
&GOTO TTY &IF &EQ %16 15
&GOTO OVLAY

&LABEL TTY
MAP END
&TTY
&JUMP OVLAY


&LABEL H2O
&SETVAR 3 "H2O"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM3 POINTS RCDC-H2O GT 0.0
MARKERSYMBOL 1
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL1"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL1
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX &IF &EQ %17 1
&GOTO A1 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL1

&LABEL MAPEX
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE RCDC-H2O
&JUMP SEL1

&LABEL A1
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE RCDC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A1 &IF &EQ %18 Y
&JUMP SEL1

&LABEL H2O1
&SETVAR 3 "H2O"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM3 POINTS ADJC-H2O GT 0.0
MARKERSYMBOL 71
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL2"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL2
```

```
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX2 &IF &EQ %17 1
&GOTO A2 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL2

&LABEL MAPEX2
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE ADJC-H2O
&JUMP SEL2

&LABEL A2
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE ADJC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A2 &IF &EQ %18 Y
&JUMP SEL2

&LABEL VOLM
MBEGIN
&SETVAR 3 "VLT"
&SETVAR 21 0
&SETVAR 10 "RCDC"
RESEL SEAM3 POINTS RCDC-VLT GT 0.0
MARKERSYMBOL 2
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL3"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL3
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX3 &IF &EQ %17 1
&GOTO A3 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL3

&LABEL MAPEX3
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE RCDC-VLT
&JUMP SEL3

&LABEL A3
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE RCDC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A3 &IF &EQ %18 Y
&JUMP SEL3

&LABEL VOLM1
&SETVAR 21 0
&SETVAR 10 "ADJC"
&SETVAR 3 "VLT"
MBEGIN
RESEL SEAM3 POINTS ADJC-VLT GT 0.0
MARKERSYMBOL 72
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL4"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL4
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX4 &IF &EQ %17 1
&GOTO A4 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL4

&LABEL MAPEX4
```

```
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE ADJC-VLT
&JUMP SEL4

&LABEL A4
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE ADJC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A4 &IF &EQ %18 Y
&JUMP SEL4

&LABEL ASH
&SETVAR 3 "ASH"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM3 POINTS RCDC-ASH GT 0.0
MARKERSYMBOL 3
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL5"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL5
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX5 &IF &EQ %17 1
&GOTO A5 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL5

&LABEL MAPEX5
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE RCDC-ASH
&JUMP SEL5

&LABEL A5
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE RCDC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A5 &IF &EQ %18 Y
&JUMP SEL5

&LABEL ASH1
MBEGIN
&SETVAR 3 "ASH"
&SETVAR 21 0
&SETVAR 10 "ADJC"
RESEL SEAM3 POINTS ADJC-ASH GT 0.0
MARKERSYMBOL 89
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL6"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL6
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE ADJC-ASH
&JUMP SEL6

&LABEL A6
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A6 &IF &EQ %18 Y
&JUMP SEL6

&LABEL FXC
```

```
&SETVAR 3 "FXC"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM3 POINTS RCDC-FXC GT 0.0
MARKERSYMBOL 4
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL7"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL7
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE RCDC-FXC
&JUMP SEL6

&LABEL A7
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE RCDC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A7 &IF &EQ %18 Y
&JUMP SEL7

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
&RETURN

&LABEL FXC1
&SETVAR 3 "FXC"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM3 POINTS ADJC-FXC GT 0.0
MARKERSYMBOL 90
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL8"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL8
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX8 &IF &EQ %17 1
&GOTO A8 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL8

&LABEL MAPEX8
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE ADJC-FXC
&JUMP SEL8

&LABEL A8
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE ADJC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A8 &IF &EQ %18 Y
&JUMP SEL8

&LABEL SUL
&SETVAR 3 "S"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM3 POINTS RCDC-S GT 0.0
```

```
MARKERSYMBOL 69
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL9"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL9
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX9 &IF &EQ %17 1
&GOTO A9 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL9

&LABEL MAPEX9
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE RCDC-S
&JUMP SEL9

&LABEL A9
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A9 &IF &EQ %18 Y
&JUMP SEL9

&LABEL SUL1
&SETVAR 3 "S"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM3 POINTS ADJC-S GT 0.0
MARKERSYMBOL 91
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL10"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL10
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX10 &IF &EQ %17 1
&GOTO A10 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL10

&LABEL MAPEX10
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE ADJC-S
&JUMP SEL10

&LABEL A10
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE ADJC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A10 &IF &EQ %18 Y
&JUMP SEL10

&LABEL CAL
&SETVAR 3 "CAL"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM3 POINTS RCDC-CAL GT 0.0
MARKERSYMBOL 70
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL11"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL11
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX11 &IF &EQ %17 1
```

```
&GOTO A11 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL11

&LABEL MAPEX11
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE RCDC-CAL
&JUMP SEL11

&LABEL A11
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A11 &IF &EQ %18 Y
&JUMP SEL11

&LABEL CAL1
&SETVAR 3 "CAL"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM3 POINTS ADJC-CAL GT 0.0
MARKERSYMBOL 12
POINTS SEAM3
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL12"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL12
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX12 &IF &EQ %17 1
&GOTO A12 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL12

&LABEL MAPEX12
RESEL SEAM3 POINTS MAPEX
LIST SEAM3 POINTS NORTH EAST HV-CODE ADJC-CAL
&JUMP SEL12

&LABEL A12
IDENTIFY SEAM3 POINTS * NORTH EAST HV-CODE ADJC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A12 &IF &EQ %18 Y
&JUMP SEL12

&LABEL DISPLAY
&QUERY 19 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO OVLAY &IF &EQ %19 Y
MDELETE
MFRESH
&JUMP OVLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP SEAM3

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS SEAM3
&JUMP %4

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2
```

```
&LABEL ZOOMOUT
MDELETE
MAPEX ATS SEAM3
CLEARSEL
PAGESIZE 9.6 5.6
MFRESH
RESEL SEAM3 POINTS %10-%3 GT 0.0
&SETVAR 21 0
&JUMP %4
```

FILE -> WABAMUN\MINES\HIGHVA\SEAM 4.SML

```
&REM ************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS ,FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 ,1988.
&REM ************************************************
PAGESIZE 9.6 5.6
MAPEX ATS LAK SEAM4
&LABEL SEAM4
CLEAR
MAP MAP1
MAPANGLE -1.5
&LABEL SEAM
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .15 .12
MOVE 5.5 4.5
TEXT 'HIGHVALE MINES'
TEXTSIZE .1 .07
MOVE 5.5 4.2
TEXT 'COAL SEAM 4'
KEYPOSITION 5.5 3.6
KEYSEPARATION .2 .15
KEYBOX .09 .09
TEXTSIZE .1 .07
KEYMARKER SEAM.KEY NOBOX
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE 1 4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL OVLAY
&TYPE "13 - EXIT, 14-PRINTER, 15-TTY "
&ASK 16 "PLEASE ENTER YOUR CHOICE " 16
&GOTO H2O &IF &EQ %16 1
&GOTO VOLM &IF &EQ %16 2
&GOTO ASH &IF &EQ %16 3
&GOTO FXC &IF &EQ %16 4
&GOTO SUL &IF &EQ %16 5
&GOTO CAL &IF &EQ %16 6
&GOTO H2O1 &IF &EQ %16 7
&GOTO VOLM1 &IF &EQ %16 8
&GOTO ASH1 &IF &EQ %16 9
&GOTO FXC1 &IF &EQ %16 10
&GOTO SUL1 &IF &EQ %16 11
&GOTO CAL1 &IF &EQ %16 12
&GOTO EXIT &IF &EQ %16 13
&GOTO PRINTER &IF &EQ %16 14
&GOTO TTY &IF &EQ %16 15
&GOTO OVLAY
```

```
&LABEL TTY
MAP END
&TTY
&JUMP OVLAY

&LABEL H2O
&SETVAR 3 "H2O"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM4 POINTS RCDC-H2O GT 0.0
MARKERSYMBOL 1
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL1"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL1
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX &IF &EQ %17 1
&GOTO A1 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL1

&LABEL MAPEX
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE RCDC-H2O
&JUMP SEL1

&LABEL A1
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE RCDC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A1 &IF &EQ %18 Y
&JUMP SEL1

&LABEL H2O1
&SETVAR 3 "H2O"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM4 POINTS ADJC-H2O GT 0.0
MARKERSYMBOL 71
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL2"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL2
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX2 &IF &EQ %17 1
&GOTO A2 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL2

&LABEL MAPEX2
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE ADJC-H2O
&JUMP SEL2

&LABEL A2
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE ADJC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A2 &IF &EQ %18 Y
&JUMP SEL2

&LABEL VOLM
MBEGIN
&SETVAR 3 "VLT"
&SETVAR 21 0
&SETVAR 10 "RCDC"
RESEL SEAM4 POINTS RCDC-VLT GT 0.0
```

```
MARKERSYMBOL 2
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL3"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL3
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX3 &IF &EQ %17 1
&GOTO A3 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL3

&LABEL MAPEX3
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE RCDC-VLT
&JUMP SEL3

&LABEL A3
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE RCDC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A3 &IF &EQ %18 Y
&JUMP SEL3

&LABEL VOLM1
&SETVAR 3 "VLT"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM4 POINTS ADJC-VLT GT 0.0
MARKERSYMBOL 72
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL4"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL4
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX4 &IF &EQ %17 1
&GOTO A4 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL4

&LABEL MAPEX4
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE ADJC-VLT
&JUMP SEL4

&LABEL A4
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE ADJC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A4 &IF &EQ %18 Y
&JUMP SEL4

&LABEL ASH
&SETVAR 3 "ASH"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM4 POINTS RCDC-ASH GT 0.0
MARKERSYMBOL 3
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL5"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL5
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX5 &IF &EQ %17 1
```

```
&GOTO A5 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL5

&LABEL MAPEX5
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE RCDC-ASH
&JUMP SEL5

&LABEL A5
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE RCDC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A5 &IF &EQ %18 Y
&JUMP SEL5

&LABEL ASH1
MBEGIN
&SETVAR 3 "ASH"
&SETVAR 21 0
&SETVAR 10 "ADJC"
RESEL SEAM4 POINTS ADJC-ASH GT 0.0
MARKERSYMBOL 89
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL6"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL6
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE ADJC-ASH
&JUMP SEL6

&LABEL A6
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A6 &IF &EQ %18 Y
&JUMP SEL6

&LABEL FXC
&SETVAR 3 "FXC"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM4 POINTS RCDC-FXC GT 0.0
MARKERSYMBOL 4
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL7"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL7
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX7 &IF &EQ %17 1
&GOTO A7 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL7

&LABEL MAPEX7
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE RCDC-FXC
&JUMP SEL7
```

```
&LABEL A7
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE RCDC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A7 &IF &EQ %18 Y
&JUMP SEL7

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
&RETURN

&LABEL FXC1
&SETVAR 3 "FXC"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM4 POINTS ADJC-FXC GT 0.0
MARKERSYMBOL 90
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL8"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL8
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX8 &IF &EQ %17 1
&GOTO A8 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL8

&LABEL MAPEX8
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE ADJC-FXC
&JUMP SEL8

&LABEL A8
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE ADJC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A8 &IF &EQ %18 Y
&JUMP SEL8

&LABEL SUL
&SETVAR 3 "S"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM4 POINTS RCDC-S GT 0.0
MARKERSYMBOL 69
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL9"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL9
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX9 &IF &EQ %17 1
&GOTO A9 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL9

&LABEL MAPEX9
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE RCDC-S
&JUMP SEL9

&LABEL A9
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A9 &IF &EQ %18 Y
&JUMP SEL9
```

```
&LABEL SUL1
&SETVAR 3 "S"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM4 POINTS ADJC-S GT 0.0
MARKERSYMBOL 91
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL10"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL10
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX10 &IF &EQ %17 1
&GOTO A10 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL10

&LABEL MAPEX10
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE ADJC-S
&JUMP SEL10

&LABEL A10
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE ADJC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A10 &IF &EQ %18 Y
&JUMP SEL10

&LABEL CAL
&SETVAR 3 "CAL"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM4 POINTS RCDC-CAL GT 0.0
MARKERSYMBOL 70
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL11"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL11
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX11 &IF &EQ %17 1
&GOTO A11 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL11

&LABEL MAPEX11
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE RCDC-CAL
&JUMP SEL11

&LABEL A11
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A11 &IF &EQ %18 Y
&JUMP SEL11

&LABEL CAL1
&SETVAR 3 "CAL"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM4 POINTS ADJC-CAL GT 0.0
MARKERSYMBOL 92
POINTS SEAM4
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL12"
```

```
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL12
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX12 &IF &EQ %17 1
&GOTO A12 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL12

&LABEL MAPEX12
RESEL SEAM4 POINTS MAPEX
LIST SEAM4 POINTS NORTH EAST HV-CODE ADJC-CAL
&JUMP SEL12

&LABEL A12
IDENTIFY SEAM4 POINTS * NORTH EAST HV-CODE ADJC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A12 &IF &EQ %18 Y
&JUMP SEL12

&LABEL DISPLAY
&QUERY 19 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO OVLAY &IF &EQ %19 Y
MDELETE
MFRESH
&JUMP OVLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP SEAM4

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS SEAM4
&JUMP %4

&LABEL DELETE
&CALCVAR 21 %21 + 1
MDELETE
&JUMP ZOOM2

&LABEL ZOOMOUT
MDELETE
CLEARSEL
MAPEX ATS SEAM4
PAGESIZE 9.6 5.6
MFRESH
RESEL SEAM4 POINTS %10-%3 GT 0.0
&SETVAR 21 0
&JUMP %4
```

FILE -> WABAMUN\MINES\HIGHVA\SEAM 5.SML

```
&REM ************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS .FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 ,1988.
&REM ************************************************
PAGESIZE 9.6 5.6
MAPEX ATS LAK SEAM5
&LABEL SEAM5
CLEAR
MAP MAP1
MAPANGLE -1.5
&LABEL SEAM
MBEGIN
```

```
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .15 .12
MOVE 5.5 4.5
TEXT 'HIGHVALE MINES'
TEXTSIZE .1 .07
MOVE 5.5 4.2
TEXT 'COAL SEAM 5'
KEYPOSITION 5.5 3.6
KEYSEPARATION .2 .15
KEYBOX .09 .09
TEXTSIZE .1 .07
KEYMARKER SEAM.KEY NOBOX
TEXTFONT 8
TEXTSIZE 0.1 0.07
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL OVLAY
&TYPE "13 - EXIT, 14-PRINTER, 15-TTY "
&ASK 16 "PLEASE ENTER YOUR CHOICE " 16
&GOTO H20 &IF &EQ %16 1
&GOTO VOLM &IF &EQ %16 2
&GOTO ASH &IF &EQ %16 3
&GOTO FXC &IF &EQ %16 4
&GOTO SUL &IF &EQ %16 5
&GOTO CAL &IF &EQ %16 6
&GOTO H201 &IF &EQ %16 7
&GOTO VOLM1 &IF &EQ %16 8
&GOTO ASH1 &IF &EQ %16 9
&GOTO FXC1 &IF &EQ %16 10
&GOTO SUL1 &IF &EQ %16 11
&GOTO CAL1 &IF &EQ %16 12
&GOTO EXIT &IF &EQ %16 13
&GOTO PRINTER &IF &EQ %16 14
&GOTO TTY &IF &EQ %16 15
&GOTO OVLAY

&LABEL TTY
MAP END
&TTY
&JUMP OVLAY

&LABEL H20
&SETVAR 3 "H20"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM5 POINTS RCDC-H20 GT 0.0
MARKERSYMBOL 1
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL1"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL1
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX &IF &EQ %17 1
&GOTO A1 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
```

```
&JUMP SEL1

&LABEL MAPEX
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE RCDC-H2O
&JUMP SEL1

&LABEL A1
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE RCDC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A1 &IF &EQ %18 Y
&JUMP SEL1

&LABEL H2O1
&SETVAR 3 "H2O"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM5 POINTS ADJC-H2O GT 0.0
MARKERSYMBOL 71
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL2"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL2
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX2 &IF &EQ %17 1
&GOTO A2 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL2

&LABEL MAPEX2
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE ADJC-H2O
&JUMP SEL2

&LABEL A2
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE ADJC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A2 &IF &EQ %18 Y
&JUMP SEL2

&LABEL VOLM
MBEGIN
&SETVAR 3 "VLT"
&SETVAR 21 0
&SETVAR 10 "RCDC"
RESEL SEAM5 POINTS RCDC-VLT GT 0.0
MARKERSYMBOL 2
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL3"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL3
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX3 &IF &EQ %17 1
&GOTO A3 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL3

&LABEL MAPEX3
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE RCDC-VLT
&JUMP SEL3

&LABEL A3
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE RCDC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A3 &IF &EQ %18 Y
```

```
&JUMP SEL3

&LABEL VOLM1
&SETVAR 3 "VLT"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM5 POINTS ADJC-VLT GT 0.0
MARKERSYMBOL 72
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL4"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL4
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX4 &IF &EQ %17 1
&GOTO A4 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL4

&LABEL MAPEX4
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE ADJC-VLT
&JUMP SEL4

&LABEL A4
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE ADJC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A4 &IF &EQ %18 Y
&JUMP SEL4

&LABEL ASH
&SETVAR 3 "ASH"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM5 POINTS RCDC-ASH GT 0.0
MARKERSYMBOL 3
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL5"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL5
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX5 &IF &EQ %17 1
&GOTO A5 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL5

&LABEL MAPEX5
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE RCDC-ASH
&JUMP SEL5

&LABEL A5
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE RCDC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A5 &IF &EQ %18 Y
&JUMP SEL5

&LABEL ASH1
MBEGIN
&SETVAR 3 "ASH"
&SETVAR 21 0
&SETVAR 10 "ADJC"
RESEL SEAM5 POINTS ADJC-ASH GT 0.0
MARKERSYMBOL 89
POINTS SEAM5
MEND
```

```
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL6"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL6
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE ADJC-ASH
&JUMP SEL6

&LABEL A6
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A6 &IF &EQ %18 Y
&JUMP SEL6

&LABEL FXC
&SETVAR 3 "FXC"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM5 POINTS RCDC-FXC GT 0.0
MARKERSYMBOL 4
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL7"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL7
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX7 &IF &EQ %17 1
&GOTO A7 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL7

&LABEL MAPEX7
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE RCDC-FXC
&JUMP SEL7

&LABEL A7
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE RCDC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A7 &IF &EQ %18 Y
&JUMP SEL7

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
&RETURN

&LABEL FXC1
&SETVAR 3 "FXC"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM5 POINTS ADJC-FXC GT 0.0
MARKERSYMBOL 90
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL8"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL8
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
```

```
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX8 &IF &EQ %17 1
&GOTO A8 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL8

&LABEL MAPEX8
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE ADJC-FXC
&JUMP SEL8

&LABEL A8
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE ADJC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A8 &IF &EQ %18 Y
&JUMP SEL8

&LABEL SUL
&SETVAR 3 "S"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM5 POINTS RCDC-S GT 0.0
MARKERSYMBOL 69
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL9"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL9
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX9 &IF &EQ %17 1
&GOTO A9 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL9

&LABEL MAPEX9
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE RCDC-S
&JUMP SEL9

&LABEL A9
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A9 &IF &EQ %18 Y
&JUMP SEL9

&LABEL SUL1
&SETVAR 3 "S"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM5 POINTS ADJC-S GT 0.0
MARKERSYMBOL 91
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL10"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL10
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX10 &IF &EQ %17 1
&GOTO A10 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL10

&LABEL MAPEX10
RESEL SEAM5 POINTS MAPEX
```

```
LIST SEAM5 POINTS NORTH EAST HV-CODE ADJC-S
&JUMP SEL10

&LABEL A10
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE ADJC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A10 &IF &EQ %18 Y
&JUMP SEL10

&LABEL CAL
&SETVAR 3 "CAL"
&SETVAR 21 0
&SETVAR 10 "RCDC"
MBEGIN
RESEL SEAM5 POINTS RCDC-CAL GT 0.0
MARKERSYMBOL 70
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL11"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL11
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX11 &IF &EQ %17 1
&GOTO A11 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL11

&LABEL MAPEX11
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE RCDC-CAL
&JUMP SEL11

&LABEL A11
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A11 &IF &EQ %18 Y
&JUMP SEL11

&LABEL CAL1
&SETVAR 3 "CAL"
&SETVAR 21 0
&SETVAR 10 "ADJC"
MBEGIN
RESEL SEAM5 POINTS ADJC-CAL GT 0.0
MARKERSYMBOL 92
POINTS SEAM5
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL12"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL12
&TYPE "1 - REVIEW INFO ON ALL HOLES, 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX12 &IF &EQ %17 1
&GOTO A12 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL12

&LABEL MAPEX12
RESEL SEAM5 POINTS MAPEX
LIST SEAM5 POINTS NORTH EAST HV-CODE ADJC-CAL
&JUMP SEL12

&LABEL A12
IDENTIFY SEAM5 POINTS * NORTH EAST HV-CODE ADJC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A12 &IF &EQ %18 Y
&JUMP SEL12

&LABEL DISPLAY
&QUERY 19 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
```

```
CLEARSEL
&GOTO OVLAY &IF &EQ %19 Y
MDELETE
MFRESH
&JUMP OVLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP SEAM5

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS SEAM5
&JUMP %4

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2

&LABEL ZOOMOUT
MDELETE
CLEARSEL
MAPEX ATS SEAM5
PAGESIZE 9.6 5.6
MFRESH
RESEL SEAM5 POINTS %10-%3 GT 0.0
&SETVAR 21 0
&JUMP %4
```

FILE -> WABAMUN\MINES\HIGHVA\SEAM 6.SML

```
&REM ************************************************
&REM THIS MANUAL WILL DISPLAY ALL THE STRATIGRAPHIC CODES
&REM AND DESCRIPTIONS AS WELL AS MINERAL CONTENTS FROM
&REM SEAM1 TO SEAM6 AND TYPE OF ANALYSIS ,FOR HIGHVALE MINES
&REM WRITTEN BY D. CHAO ON AUG. 24 ,1988.
&REM ************************************************
PAGESIZE 9.6 5.6
MAPEX ATS LAK SEAM6
&LABEL SEAM6
CLEAR
MAP MAP1
MAPANGLE -1.5
&LABEL SEAM
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
TEXTSIZE .15 .12
MOVE 5.5 4.5
TEXT 'HIGHVALE MINES'
TEXTSIZE .1 .07
MOVE 5.5 4.2
TEXT 'COAL SEAM 6'
KEYPOSITION 5.5 3.6
KEYSEPARATION 2 .15
KEYBOX .09 .09
TEXTSIZE .1 .07
KEYMARKER SEAM.KEY NOBOX
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
```

```
MOVE 8.7  4
TEXT 'RESEARCH'
MOVE 8.7  .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL OVLAY
&TYPE "13 - EXIT, 14-PRINTER, 15-TTY "
&ASK 16 "PLEASE ENTER YOUR CHOICE " 16
&GOTO H2O &IF &EQ %16 1
&GOTO VOLM &IF &EQ %16 2
&GOTO ASH &IF &EQ %16 3
&GOTO FXC &IF &EQ %16 4
&GOTO SUL &IF &EQ %16 5
&GOTO CAL &IF &EQ %16 6
&GOTO H2O1 &IF &EQ %16 7
&GOTO VOLM1 &IF &EQ %16 8
&GOTO ASH1 &IF &EQ %16 9
&GOTO FXC1 &IF &EQ %16 10
&GOTO SUL1 &IF &EQ %16 11
&GOTO CAL1 &IF &EQ %16 12
&GOTO EXIT &IF &EQ %16 13
&GOTO PRINTER &IF &EQ %16 14
&GOTO TTY &IF &EQ %16 15
&GOTO OVLAY

&LABEL TTY
MAP END
&TTY
&JUMP OVLAY

&LABEL H2O
&SETVAR 3 "H2O"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS RCDC-H2O GT 0.0
MARKERSYMBOL 1
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL1"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL1
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX &IF &EQ %17 1
&GOTO A1 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL1

&LABEL MAPEX
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE RCDC-H2O
&JUMP SEL1

&LABEL A1
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE RCDC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A1 &IF &EQ %18 Y
&JUMP SEL1

&LABEL H2O1
&SETVAR 3 "H2O"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS ADJC-H2O GT 0.0
MARKERSYMBOL 71
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL2"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL2
```

```
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX2 &IF &EQ %17 1
&GOTO A2 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL2

&LABEL MAPEX2
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE ADJC-H2O
&JUMP SEL2

&LABEL A2
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE ADJC-H2O
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A2 &IF &EQ %18 Y
&JUMP SEL2

&LABEL VOLM
MBEGIN
&SETVAR 3 "VLT"
&SETVAR 10 "RCDC"
&SETVAR 21 0
RESEL SEAM6 POINTS RCDC-VLT GT 0.0
MARKERSYMBOL 2
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL3"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL3
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX3 &IF &EQ %17 1
&GOTO A3 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL3

&LABEL MAPEX3
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE RCDC-VLT
&JUMP SEL3

&LABEL A3
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE RCDC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A3 &IF &EQ %18 Y
&JUMP SEL3

&LABEL VOLM1
&SETVAR 3 "VLT"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS ADJC-VLT GT 0.0
MARKERSYMBOL 72
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL4"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL4
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX4 &IF &EQ %17 1
&GOTO A4 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL4

&LABEL MAPEX4
```

```
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE ADJC-VLT
&JUMP SEL4

&LABEL A4
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE ADJC-VLT
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A4 &IF &EQ %18 Y
&JUMP SEL4

&LABEL ASH
&SETVAR 3 "ASH"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS RCDC-ASH GT 0.0
MARKERSYMBOL 3
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL5"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL5
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX5 &IF &EQ %17 1
&GOTO A5 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL5

&LABEL MAPEX5
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE RCDC-ASH
&JUMP SEL5

&LABEL A5
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE RCDC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A5 &IF &EQ %18 Y
&JUMP SEL5

&LABEL ASH1
MBEGIN
&SETVAR 3 "ASH"
&SETVAR 10 "ADJC"
&SETVAR 21 0
RESEL SEAM6 POINTS ADJC-ASH GT 0.0
MARKERSYMBOL 89
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL6"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL6
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX6 &IF &EQ %17 1
&GOTO A6 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL6

&LABEL MAPEX6
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE ADJC-ASH
&JUMP SEL6

&LABEL A6
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE ADJC-ASH
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A6 &IF &EQ %18 Y
&JUMP SEL6

&LABEL FXC
```

```
&SETVAR 3 "FXC"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS RCDC-FXC GT 0.0
MARKERSYMBOL 4
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL7"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL7
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX7 &IF &EQ %17 1
&GOTO A7 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL7

&LABEL MAPEX7
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE RCDC-FXC
&JUMP SEL7

&LABEL A7
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE RCDC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A7 &IF &EQ %18 Y
&JUMP SEL7

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
&RETURN

&LABEL FXC1
&SETVAR 3 "FXC"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS ADJC-FXC GT 0.0
MARKERSYMBOL 90
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL8"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL8
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE."
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX8 &IF &EQ %17 1
&GOTO A8 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL8

&LABEL MAPEX8
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE ADJC-FXC
&JUMP SEL8

&LABEL A8
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE ADJC-FXC
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A8 &IF &EQ %18 Y
&JUMP SEL8

&LABEL SUL
&SETVAR 3 "S"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS RCDC-S GT 0.0
```

```
MARKERSYMBOL 69
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL9"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL9
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX9 &IF &EQ %17 1
&GOTO A9 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL9

&LABEL MAPEX9
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE RCDC-S
&JUMP SEL9

&LABEL A9
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE RCDC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A9 &IF &EQ %18 Y
&JUMP SEL9

&LABEL SUL1
&SETVAR 3 "S"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS ADJC-S GT 0.0
MARKERSYMBOL 91
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL10"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL10
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX10 &IF &EQ %17 1
&GOTO A10 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL10

&LABEL MAPEX10
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE ADJC-S
&JUMP SEL10

&LABEL A10
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE ADJC-S
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A10 &IF &EQ %18 Y
&JUMP SEL10

&LABEL CAL
&SETVAR 3 "CAL"
&SETVAR 10 "RCDC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS RCDC-CAL GT 0.0
MARKERSYMBOL 70
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL11"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL11
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX11 &IF &EQ %17 1
```

```
&GOTO A11 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL11

&LABEL MAPEX11
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE RCDC-CAL
&JUMP SEL11

&LABEL A11
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE RCDC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A11 &IF &EQ %18 Y
&JUMP SEL11

&LABEL CAL1
&SETVAR 3 "CAL"
&SETVAR 10 "ADJC"
&SETVAR 21 0
MBEGIN
RESEL SEAM6 POINTS ADJC-CAL GT 0.0
MARKERSYMBOL 92
POINTS SEAM6
MEND
&QUERY 1 "ZOOM IN " &F
&SETVAR 4 "SEL12"
&GOTO ZOOM &IF &EQ %1 Y
&LABEL SEL12
&TYPE "1 - REVIEW INFO ON ALL HOLES , 2 - REVIEW INFO ON EACH HOLE,"
&TYPE "3 - ZOOM IN, 4 - ZOOM OUT(EXIT FOR ZOOMED-IN DISPLAY ONLY), 5 - EXIT"
&ASK 17 "PLEASE ENTER YOUR SELECTION " 6
&GOTO MAPEX12 &IF &EQ %17 1
&GOTO A12 &IF &EQ %17 2
&GOTO ZOOM &IF &EQ %17 3
&GOTO DISPLAY &IF &EQ %17 5
&GOTO ZOOMOUT &IF &EQ %17 4
&JUMP SEL12

&LABEL MAPEX12
RESEL SEAM6 POINTS MAPEX
LIST SEAM6 POINTS NORTH EAST HV-CODE ADJC-CAL
&JUMP SEL12

&LABEL A12
IDENTIFY SEAM6 POINTS * NORTH EAST HV-CODE ADJC-CAL
&QUERY 18 "CONTINUE TO SELECT" &F
&GOTO A12 &IF &EQ %18 Y
&JUMP SEL12

&LABEL DISPLAY
&QUERY 19 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
CLEARSEL
&GOTO OVLAY &IF &EQ %19 Y
MDELETE
MFRESH
&JUMP OVLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP SEAM6

&LABEL ZOOM
&CALCVAR 21 %21 + 1
MAPEX *
&GOTO DELETE &IF &NE %21 1
&LABEL ZOOM2
CLEAR
POINTS SEAM6
&JUMP %4

&LABEL DELETE
&CALCVAR 21 %21 - 1
MDELETE
&JUMP ZOOM2
```

```
&LABEL ZOOMOUT
MDELETE
CLEARSEL
MAPEX ATS SEAM6
PAGESIZE 9.6 5.6
MFRESH
RESEL SEAM6 POINTS %10-%3 GT 0.0
&SETVAR 21 0
&JUMP %4
```

FILE -> WABAMUN\MINES\HIGHVN\MANUAL.SML

```
&REM ************************************************************
&REM THIS MENU WILL DISPLAY THE COAL SEAM 1, GEOLOGICAL MAP
&REM LICENCED AREAS, PERMITED AREAS, ERCB SURFACE MINES LOCATIONS,
&REM AND ERCB UNDERGROUND MINES LOCATIONS OF THE NORTH HIGHVALE
&REM AREA.
&REM WRITTEN BY D.CHAO   SEPT.1,88
&REM ************************************************************
PAGESIZE 9.6 5.6
&LABEL START
TEXTCOLOR 1
TEXTFONT 0
CLEAR
MAPEX ISO1 GEOL LIC UNDER MINED PERM ATS STAT ISO2 SC1 SURF
MAP MAP1
&LABEL MENU1
MAPANGLE -1.5
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 2.5
TEXTSIZE .15 .12
TEXT 'NORTHERN'
MOVE 6.5 2.2
TEXT 'HIGHVALE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL ASK
&TYPE "1-SURFACE MINE , 2-UNDERGROUND MINE , 3-GEOLOGICAL MAP,"
&TYPE "4-LICENCED AREAS, 5-MINED AREAS, 6-PERMITED AREAS, 7-COAL SEAM 1,"
&TYPE "8-COAL SEAM 2, 9-STRUCTURAL CONTOUR SEAM 1,"
&TYPE "10-OIL & GAS WELL LOCATIONS, 11-HIGHVALE MENU, 12-MAIN MENU,"
&TYPE "13-WABAMUN MENU, 14-83G MENU, 15-HIGHVALE SOUTH MENU, 16-PRINTER,"
&ASK 1 "17-EXIT, 18-TTY.    PLEASE ENTER YOUR CHOICE" 19
&GOTO SURFACE &IF &EQ %1 1
&GOTO UNDER &IF &EQ %1 2
&GOTO GEOL &IF &EQ %1 3
&GOTO LIC &IF &EQ %1 4
&GOTO MINED &IF &EQ %1 5
&GOTO PERM &IF &EQ %1 6
&GOTO SEAM1 &IF &EQ %1 7
&GOTO SEAM2 &IF &EQ %1 8
&GOTO SC1 &IF &EQ %1 9
&GOTO STAT &IF &EQ %1 10
&GOTO HIGHVALE &IF &EQ %1 11
&GOTO MAIN &IF &EQ %1 12
&GOTO WABAMUN &IF &EQ %1 13
```

```
&GOTO 83G &IF &EQ %1 14
&GOTO HIGHVS &IF &EQ %1 15
&GOTO PRINTER &IF &EQ %1 16
&GOTO EXIT &IF &EQ %1 17
&GOTO TTY &IF &EQ %1 18
&GOTO ASK

&LABEL TTY
MAP END
&TTY
&JUMP ASK

&LABEL SURFACE
MBEGIN
MARKERSYMBOL 85
POINTS SURF
MEND
&LABEL ASK2
&ASK 2 "1-STATUS OF ALL THE MINES, 2-STATUS OF EACH MINE, 3-EXIT" 4
&GOTO ALLSTATUS &IF &EQ %2 1
&GOTO STATUS &IF &EQ %2 2
&GOTO OVERLAY &IF &EQ %2 3
&JUMP ASK2
&LABEL ALLSTATUS
RESEL SURF POINTS MAPEX
LIST SURF POINTS MINE# LOC.
CLEARSEL
&JUMP ASK2
&LABEL STATUS
IDENTIFY SURF POINTS * MINE# LOC.
&JUMP ASK2

&LABEL OVERLAY
&QUERY 3 "OVERLAY THIS COVERAGE ONTO THE NEXT ONE" &F
&GOTO ASK &IF &EQ %3 Y
MDELETE
MFRESH
&JUMP ASK

&LABEL UNDER
MBEGIN
MARKERSYMBOL 87
POINTS UNDER
MEND
&LABEL ASK3
&ASK 4 "1-STATUS OF THE MINES, 2-STATUS OF EACH MINE, 3-EXIT" 4
&GOTO ALLUNDER &IF &EQ %4 1
&GOTO UNDER &IF &EQ %4 2
&GOTO OVERLAY &IF &EQ %4 3
&JUMP ASK3
&LABEL ALLUNDER
RESEL UNDER POINTS MAPEX
LIST UNDER POINTS MINE# LOC.
CLEARSEL
&JUMP ASK3
&LABEL UNDER
IDENTIFY UNDER POINTS * MINE# LOC.
&JUMP ASK3

&LABEL GEOL
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOT "
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 2.5
TEXTSIZE .15 .12
TEXT 'NORTHERN'
MOVE 6.5 2.25
TEXT 'HIGHVALE'
TEXTFONT 8
```

```
TEXTSIZE .1 .07
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
MEND
MBEGIN
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .09 .06
MOVE 6.5 2.0
TEXT 'GEOLOGICAL FORMATION'
KEYPOSITION 0.3 2.0
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE GEOL.KEY
RESEL GEOL POLYS LEVEL = 35
POLYGONSHADES GEOL 42
CLEARSEL
RESEL GEOL POLYS LEVEL = 40
POLYGONSHADES GEOL 46
CLEARSEL
RESEL GEOL POLYS LEVEL = 60
POLYGONSHADES GEOL 43
CLEARSEL
RESEL GEOL POLYS LEVEL = 80
POLYGONSHADES GEOL 47
CLEARSEL
RESEL GEOL POLYS LEVEL = 100
POLYGONSHADES GEOL 3
CLEARSEL
LINEC 1
ARCS GEOL
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL LIC
MEBGIN
POLYGONSHADES LIC 90
LINEC 1
ARCS LIC
MOVE 6.3 0.9
TEXT 'LIC#:C82-63'
MOVE 4.9 3.2
TEXT 'LIC#:C82-47'
MOVE 2.0 2.8
TEXT 'LIC#:C81-10'
MOVE 0.5 4.2
TEXT 'LIC#:C82-78'
MEND
&JUMP OVERLAY

&LABEL MINED
MBEGIN
POLYGONSHADES MINED 48
LINEC 1
ARCS MINED
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 30
LINEC 1
ARCS PERM
MOVE 1.7 3
TEXT 'PERM#:C77-20'
MBEGIN
```

```
&JUMP OVERLAY

&LABEL SEAM1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 2.5
TEXTSIZE .15 .12
TEXT 'NORTHERN'
MOVE 6.5 2.25
TEXT 'HIGHVALE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
MEND
MBEGIN
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .09 .06
MOVE 6.5 2.0
TEXT 'COAL SEAM 1'
KEYPOSITION 0.4 1.8
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE ISO1A.KEY
KEYPOSITION 1.5 1.8
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE ISO1B.KEY
RESEL ISO1 POLYS CLASS = 4
POLYGONSHADES ISO1 46
CLEARSEL
RESEL ISO1 POLYS CLASS = 5 OR CLASS = 6
POLYGONSHADES ISO1 2
CLEARSEL
RESEL ISO1 POLYS CLASS = 7 OR CLASS = 8
POLYGONSHADES ISO1 43
CLEARSEL
RESEL ISO1 POLYS CLASS = 9 OR CLASS = 10
POLYGONSHADES ISO1 47
CLEARSEL
RESEL ISO1 POLYS CLASS = 11 OR CLASS = 12
POLYGONSHADES ISO1 3
CLEARSEL
RESEL ISO1 POLYS CLASS = 13 OR CLASS = 14
POLYGONSHADES ISO1 44
CLEARSEL
RESEL ISO1 POLYS CLASS = 15 OR CLASS = 16
POLYGONSHADES ISO1 48
CLEARSEL
RESEL ISO1 POLYS CLASS = 17
POLYGONSHADES ISO1 4
CLEARSEL
LINEC 1
ARCS ISO1
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
```

```
MEND
&JUMP OVERLAY

&LABEL SEAM2
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 2.5
TEXTSIZE .15 .12
TEXT 'NORTHERN'
MOVE 6.5 2.25
TEXT 'HIGHVALE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
MEND
MBEGIN
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .09 .06
MOVE 6.5 2.0
TEXT 'COAL SEAM 2'
KEYPOSITION 0.4 1.95
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE ISO2A.KEY
KEYPOSITION 1.5 1.95
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE ISO2B.KEY
RESEL ISO2 POLYS CLASS = 1
POLYGONSHADES ISO2 42
CLEARSEL
RESEL ISO2 POLYS CLASS = 2
POLYGONSHADES ISO2 46
CLEARSEL
RESEL ISO2 POLYS CLASS = 3
POLYGONSHADES ISO2 2
CLEARSEL
RESEL ISO2 POLYS CLASS = 4
POLYGONSHADES ISO2 43
CLEARSEL
RESEL ISO2 POLYS CLASS = 5
POLYGONSHADES ISO2 47
CLEARSEL
RESEL ISO2 POLYS CLASS = 6
POLYGONSHADES ISO2 3
CLEARSEL
RESEL ISO2 POLYS CLASS = 7
POLYGONSHADES ISO2 44
CLEARSEL
RESEL ISO2 POLYS CLASS = 8
POLYGONSHADES ISO2 48
CLEARSEL
RESEL ISO2 POLYS CLASS = 9
POLYGONSHADES ISO2 4
CLEARSEL
LINEC 1
ARCS ISO2
```

```
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL SC1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 2.5
TEXTSIZE .15 .12
TEXT 'NORTHERN'
MOVE 6.5 2.25
TEXT 'HIGHVALE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE .1 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
MEND
MBEGIN
TEXTFONT 0
TEXTCOLOR 1
TEXTSIZE .09 .06
MOVE 6.5 2.0
TEXT 'STRUCTURAL CONTOUR SEAM 1'
KEYPOSITION 0.4 1.8
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE SC1A.KEY
KEYPOSITION 1.5 1.8
KEYSEPARATION 0.15 0.15
KEYBOX 0.15 0.15
KEYSHADE SC1B.KEY
RESEL SC1 POLYS CLASS = 1 OR CLASS = 2
POLYGONSHADES SC1 42
CLEARSEL
RESEL SC1 POLYS CLASS = 3 OR CLASS = 4
POLYGONSHADES SC1 46
CLEARSEL
RESEL SC1 POLYS CLASS = 5 OR CLASS = 6
POLYGONSHADES SC1 2
CLEARSEL
RESEL SC1 POLYS CLASS = 7 OR CLASS = 8
POLYGONSHADES SC1 43
CLEARSEL
RESEL SC1 POLYS CLASS = 9 OR CLASS = 10
POLYGONSHADES SC1 47
CLEARSEL
RESEL SC1 POLYS CLASS = 11 OR CLASS = 12
POLYGONSHADES SC1 3
CLEARSEL
RESEL SC1 POLYS CLASS = 13 OR CLASS = 14
POLYGONSHADES SC1 48
CLEARSEL
RESEL SC1 POLYS CLASS = 15 OR CLASS = 16
POLYGONSHADES SC1 4
CLEARSEL
LINEC 1
```

```
ARCS SC1
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL STAT
MARKERSYMBOL 89
POINTS STAT
&LABEL ASK4
&TYPE "1-ID & STATUS OF ALL THE WELLS, 2-ID & STATUS OF EACH WELL,"
&ASK 9 "3-EXIT " 4
&GOTO ALL &IF &EQ %9 1
&GOTO STAT1 &IF &EQ %9 2
&GOTO OVERLAY &IF &EQ %9 3
&JUMP ASK4
&LABEL ALL
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID DESCRIPTION
CLEARSEL
&JUMP ASK4
&LABEL STAT1
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&JUMP ASK4

&LABEL HIGHVALE
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVA"
&RUN MANUAL.SML

&LABEL HIGHVS
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVS
&RUN MANUAL.SML

&LABEL MAIN
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL WABAMUN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL 83G
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN 83G.SML

&LABEL EXIT
MAP END
KILLMAP MAP1
0

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP START
```

FILE -> WABAMUN\MINES\HIGHVS\MANUAL.SML

```
&REM ************************************************************
&REM THIS MENU WILL DISPLAY THE ISOPACH OF COAL SEAM 1, ISOPACH OF THE
&REM BASE OF DISTURBED BEDROCK, ISOPACH OF LOWER SHALES, LICENCED AREAS,
&REM PERMETED AREAS AND OIL & GAS WELL LOCATIONS OF SOUTH HIGHVALE.
```

```
&REM WRITTEN BY D.CHAO  SEPT 2, 1988
&REM ************************************************************
PAGESIZE 9.6 5.6
&LABEL START
CLEAR
TEXTCOLOR 1
TEXTFONT 0
MAPEX ATS ISOLS ISO1 ISO2 DBED STAT LIC PERM
MAP MAP1
MAPANGLE -1.5
&LABEL MENU1
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2  17
MOVE 4 5.0
TEXT 'SOUTHERN HIGHVALE'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE 4.7 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE 4.7 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL MENU2
&TYPE "1-ISOPACH OF THE LOWER SHALE, 2-COAL SEAM 1, 3-COAL SEAM 2, "
&TYPE "4-BASE OF DISTURBED BEDROCK, 5-PERMIT AREAS, 6-LICENCE AREAS,"
&TYPE "7-OIL & GAS WELL LOCATIONS, 8-HWYS, 9-PRINTER, 10-HIGHVALE MENU."
&TYPE "11-WABAMUN MENU, 12-83G MENU, 13-HIGHVALE NORTH MENU, 14-MAIN MENU."
&ASK 1 "15-EXIT, 16-TTY.    PLEASE ENTER YOUR CHOICE" 17
&GOTO ISOLS &IF &EQ %1 1
&GOTO ISO1 &IF &EQ %1 2
&GOTO ISO2 &IF &EQ %1 3
&GOTO DBED &IF &EQ %1 4
&GOTO PERM &IF &EQ %1 5
&GOTO LIC &IF &EQ %1 6
&GOTO STAT &IF &EQ %1 7
&GOTO HWY &IF &EQ %1 8
&GOTO PRINTER &IF &EQ %1 9
&GOTO HIGHVALE &IF &EQ %1 10
&GOTO WABAMUN &IF &EQ %1 11
&GOTO 83G &IF &EQ %1 12
&GOTO HIGHVN &IF &EQ %1 13
&GOTO MAIN &IF &EQ %1 14
&GOTO EXIT &IF &EQ %1 15
&GOTO TTY &IF &EQ %1 16
&JUMP MENU2

&LABEL TTY
MAP END
&TTY
&JUMP MENU2

&LABEL ISOLS
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
```

```
LINEC 6
ARCS RIV
TEXTSIZE .2 17
MOVE 4 5
TEXT 'SOUTHERN HIGHVALE'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE 4.7 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE 4.7 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
MOVE 4.1 4.7
TEXTSIZE .1 .07
TEXT 'ISOPACH OF THE LOWER SHALE'
KEYPOSITION 4.8 3.0
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE ISOLS1.KEY
KEYPOSITION 7.1 3.0
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE ISOLS2.KEY
RESEL ISOLS POLYS CLASS = 1
POLYGONSHADES ISOLS 30
CLEARSEL
RESEL ISOLS POLYS CLASS = 2
POLYGONSHADES ISOLS 34
CLEARSEL
RESEL ISOLS POLYS CLASS = 3
POLYGONSHADES ISOLS 70
CLEARSEL
RESEL ISOLS POLYS CLASS = 4
POLYGONSHADES ISOLS 50
CLEARSEL
RESEL ISOLS POLYS CLASS = 5
POLYGONSHADES ISOLS 2
CLEARSEL
RESEL ISOLS POLYS CLASS = 6
POLYGONSHADES ISOLS 31
CLEARSEL
RESEL ISOLS POLYS CLASS = 7
POLYGONSHADES ISOLS 35
CLEARSEL
RESEL ISOLS POLYS CLASS = 8
POLYGONSHADES ISOLS 71
CLEARSEL
RESEL ISOLS POLYS CLASS = 9
POLYGONSHADES ISOLS 51
CLEARSEL
RESEL ISOLS POLYS CLASS = 10
POLYGONSHADES ISOLS 3
CLEARSEL
RESEL ISOLS POLYS CLASS = 11
POLYGONSHADES ISOLS 36
CLEARSEL
RESEL ISOLS POLYS CLASS = 12
POLYGONSHADES ISOLS 72
CLEARSEL
RESEL ISOLS POLYS CLASS = 13
POLYGONSHADES ISOLS 52
CLEARSEL
RESEL ISOLS POLYS CLASS = 14
POLYGONSHADES ISOLS 4
CLEARSEL
LINEC 1
ARCS ISOLS
LINESYMBOL 7
ARCS LAK
```

```
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY2

&LABEL OVERLAY2
&QUERY 2 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU2 &IF &EQ %2 Y
MDELETE
MFRESH
&JUMP MENU2

&LABEL ISO1
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2 .17
MOVE 4 5
TEXT 'SOUTHERN HIGHVALE'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE 4.7 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE 4.7 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
MOVE 5 4.7
TEXTSIZE 1 .07
TEXT 'COAL SEAM 1'
KEYPOSITION 6 3.7
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE ISO1.KEY
RESEL ISO1 POLYS CLASS = 1
POLYGONSHADES ISO1 30
CLEARSEL
RESEL ISO1 POLYS CLASS = 2
POLYGONSHADES ISO1 30
CLEARSEL
RESEL ISO1 POLYS CLASS = 3
POLYGONSHADES ISO1 34
CLEARSEL
RESEL ISO1 POLYS CLASS = 4
POLYGONSHADES ISO1 34
CLEARSEL
RESEL ISO1 POLYS CLASS = 5
POLYGONSHADES ISO1 2
CLEARSEL
RESEL ISO1 POLYS CLASS = 6
POLYGONSHADES ISO1 2
CLEARSEL
RESEL ISO1 POLYS CLASS = 7
POLYGONSHADES ISO1 31
CLEARSEL
RESEL ISO1 POLYS CLASS = 8
POLYGONSHADES ISO1 31
CLEARSEL
RESEL ISO1 POLYS CLASS = 9
POLYGONSHADES ISO1 35
CLEARSEL
```

```
RESEL ISO1 POLYS CLASS = 10
POLYGONSHADES ISO1 35
CLEARSEL
RESEL ISO1 POLYS CLASS = 11
POLYGONSHADES ISO1 3
CLEARSEL
RESEL ISO1 POLYS CLASS = 12
POLYGONSHADES ISO1 3
CLEARSEL
RESEL ISO1 POLYS CLASS = 13
POLYGONSHADES ISO1 32
CLEARSEL
RESEL ISO1 POLYS CLASS = 14
POLYGONSHADES ISO1 32
CLEARSEL
RESEL ISO1 POLYS CLASS = 15
POLYGONSHADES ISO1 36
CLEARSEL
RESEL ISO1 POLYS CLASS = 16
POLYGONSHADES ISO1 36
CLEARSEL
RESEL ISO1 POLYS CLASS = 17
POLYGONSHADES ISO1 4
CLEARSEL
LINEC 1
ARCS ISO1
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY2

&LABEL ISO2
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2 .17
MOVE 4 5
TEXT 'SOUTHERN HIGHVALE'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE 4.7 .4
TEXT 'COAL GEOLOGY GROUP'
MOVE 4.7 .2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
MOVE 5 4.7
TEXTSIZE .1 .07
TEXT 'COAL SEAM 2'
KEYPOSITION 6 3.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE ISO2.KEY
RESEL ISO2 POLYS CLASS = 1
POLYGONSHADES ISO2 30
CLEARSEL
RESEL ISO2 POLYS CLASS = 2
POLYGONSHADES ISO2 34
CLEARSEL
```

```
RESEL ISO2 POLYS CLASS = 3
POLYGONSHADES ISO2 2
CLEARSEL
RESEL ISO2 POLYS CLASS = 4
POLYGONSHADES ISO2 31
CLEARSEL
RESEL ISO2 POLYS CLASS = 5
POLYGONSHADES ISO2 35
CLEARSEL
RESEL ISO2 POLYS CLASS = 6
POLYGONSHADES ISO2 3
CLEARSEL
RESEL ISO2 POLYS CLASS = 7
POLYGONSHADES ISO2 32
CLEARSEL
RESEL ISO2 POLYS CLASS = 8
POLYGONSHADES ISO2 36
CLEARSEL
RESEL ISO2 POLYS CLASS = 9
POLYGONSHADES ISO2 4
CLEARSEL
LINEC 1
ARCS ISO2
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY2

&LABEL DBED
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2 .17
MOVE 4 5
TEXT 'SOUTHERN HIGHVALE'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE 4.7 4
TEXT 'COAL GEOLOGY GROUP'
MOVE 4.7 2
TEXT 'ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 0.6
TEXT ' ALBERTA'
MOVE 8.7 0.4
TEXT 'RESEARCH'
MOVE 8.7 0.2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
MOVE 4.0 4.7
TEXTSIZE .1 .07
TEXT 'ISOPACH-SURFACE TO TOP LITHOLOGY'
MOVE 4.0 4.5
TEXT '(BASE OF THE DISTURBED BEDROCK)'
KEYPOSITION 6 3.9
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE DBED.KEY
RESEL DBED POLYS CLASS = 1
POLYGONSHADES DBED 30
CLEARSEL
RESEL DBED POLYS CLASS = 2
POLYGONSHADES DBED 34
CLEARSEL
RESEL DBED POLYS CLASS = 3
```

```
POLYGONSHADES DBED 70
CLEARSEL
RESEL DBED POLYS CLASS = 4
POLYGONSHADES DBED 2
CLEARSEL
RESEL DBED POLYS CLASS = 5
POLYGONSHADES DBED 31
CLEARSEL
RESEL DBED POLYS CLASS = 6
POLYGONSHADES DBED 35
CLEARSEL
RESEL DBED POLYS CLASS = 7
POLYGONSHADES DBED 71
CLEARSEL
RESEL DBED POLYS CLASS = 8
POLYGONSHADES DBED 3
CLEARSEL
RESEL DBED POLYS CLASS = 9
POLYGONSHADES DBED 36
CLEARSEL
RESEL DBED POLYS CLASS = 10
POLYGONSHADES DBED 72
CLEARSEL
RESEL DBED POLYS CLASS = 11
POLYGONSHADES DBED 4
CLEARSEL
LINEC 1
ARCS DBED
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&GOTO OVERLAY2


&LABEL PERM
MBEGIN
POLYGONSHADES PERM 91
LINEC 1
ARCS PERM
MOVE 2 2
TEXTSIZE 1 .07
TEXT 'PERMIT#:C77-20'
MEND
&GOTO OVERLAY2

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 78
LINEC 1
ARCS LIC
MOVE 0.9 5.35
TEXT 'LIC#:C83-63'
MEND
&GOTO OVERLAY2

&LABEL STAT
MBEGIN
MARKERSYMBOL 89
POINTS STAT
MEND
&LABEL ASK
&ASK 3 "1-STATUS OF ALL THE WELLS, 2-STATUS OF EACH WELL, 3-EXIT " 4
&GOTO STAT2 &IF &EQ %3 1
&GOTO STAT1 &IF &EQ %3 2
&GOTO OVERLAY2 &IF &EQ %3 3
&JUMP ASK
&LABEL STAT2
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID DESCRIPTION
CLEARSEL
&JUMP ASK
&LABEL STAT1
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&JUMP ASK

&LABEL HWY
MBEGIN
```

```
LINEC 5
ARCS HWY
MEND
&JUMP OVERLAY2

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP START

&LABEL HIGHVALE
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVA"
&RUN MANUAL.SML

&LABEL HIGHVN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVN"
&RUN MANUAL.SML

&LABEL WABAMUN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL 83G
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN 83G.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL EXIT
MAP END
KILLMAP MAP1
0
```

FILE -> WABAMUN\MINES\GENE\MANUAL.SML

```
&REM ************************************************************
&REM GENESEE COVERAGE INCLUDES PERMITED AREAS ,LICENCED AREAS,
&REM DRILLHOLES, OVERBURDEN THICKNESS, ASH CONTOURS-HIGH SEAM,
&REM SULPHUR CONTOURS-HIGH SEAM, WELLS STAT, ERCB COAL SURFACE
&REM MINE LOCATIONS, LAKES AND RIVERS
&REM WRITTEN BY D. CHAO ON AUG 29, 1988
&REM ************************************************************
PAGESIZE 9.6 5.6
MAPEX ATS DRILLH OTC SURF LIC STAT PERM ACHS SCHS DCLM HSC TLM TUM SCLM ACLM
&LABEL START
MAP MAP1
&LABEL MENU
CLEAR
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
MAPLIMITS 0 0 7 5
MAPANGLE -1.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE 0.15 0.12
MOVE 6.5 4.5
```

```
TEXT 'GENESEE AREA'
TEXTSIZE  1  07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL ASK
&TYPE "1-PERMITED AREAS, 2-WELLS STAT, 3-DRILLHOLES, 4-SURFACE MINE LOC.(ERCB)"
&TYPE "5-OVERBURDEN THICKNESS, 6-ASH CONTOURS(HIGH SEAM) 7-ASH CONTOURS(LOW "
&TYPE "SEAM), 8-SULPHUR CONTOURS(HIGH SEAM), 9-SULPHUR CONTOUR(LOW SEAM),"
&TYPE "10-LICENCE AREAS, 11-TOP OF HIGH SEAM CONTOURS, 12-TOP OF UPPER MAIN,"
&TYPE "13-TOP OF LOWER MAIN CONTOURS, 14-DEPTH OF COVER TO LOWER MAIN,"
&TYPE "15-WABAMUN MENU, 16-PRINTER, 17-MAIN MENU, 18-EXIT, 19-TTY"
&ASK 1 "ENTER YOUR CHOICE " 20
&GOTO PERM &IF &EQ %1 1
&GOTO STAT &IF &EQ %1 2
&GOTO DRILLH &IF &EQ %1 3
&GOTO SURF &IF &EQ %1 4
&GOTO OTC &IF &EQ %1 5
&GOTO ACHS &IF &EQ %1 6
&GOTO ACLS &IF &EQ %1 7
&GOTO SCHS &IF &EQ %1 8
&GOTO SCLM &IF &EQ %1 9
&GOTO LIC &IF &EQ %1 10
&GOTO HSC &IF &EQ %1 11
&GOTO TUM &IF &EQ %1 12
&GOTO TLM &IF &EQ %1 13
&GOTO DCLM &IF &EQ %1 14
&GOTO WABAMUN &IF &EQ %1 15
&GOTO PRINTER &IF &EQ %1 16
&GOTO MAIN &IF &EQ %1 17
&GOTO EXIT &IF &EQ %1 18
&GOTO TTY &IF &EQ %1 19
&GOTO ASK

&LABEL TTY
MAP END
&TTY
&JUMP ASK


&LABEL PERM
MBEGIN
POLYGONSHADES PERM 30
LINEC 1
ARCS PERM
TEXTSIZE .1 .07
MOVE 3 3
TEXT 'PERMIT#:C80-14'
MOVE 2.8 4
TEXT '--- PERMIT#:C83-25'
MEND
&GOTO OVERLAY

&LABEL OVERLAY
&QUERY 2 "OVERLAY THIS DISPLAY ONTO THE NEXT COVERAGE" &F
&GOTO ASK &IF &EQ %2 Y
MDELETE
MFRESH
&GOTO ASK

&LABEL STAT
MBEGIN
MARKERSIZE .2
POINTMARKERS STAT 89
MEND
&LABEL STAT1
&ASK 4 "1-WELL ID, 2-WELL DESCRIPTION, 3-BOTH, 4-NONE" 5
&GOTO WELLID &IF &EQ %4 1
&GOTO WELLDES &IF &EQ %4 2
```

```
&GOTO BOTH &IF &EQ %4 3
&GOTO OVERLAY &IF &EQ %4 4
&JUMP STAT1
&LABEL WELLID
IDENTIFY STAT POINTS * WELL_ID
&JUMP STAT1
&LABEL WELLDES
IDENTIFY STAT POINTS * DESCRIPTION
&JUMP STAT1
&LABEL BOTH
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&JUMP STAT1

&LABEL DRILLH
MBEGIN
TEXTSIZE .1 .07
MOVE 6.5 4.2
TEXT 'DRILLHOLE TYPES & LOCATIONS'
KEYPOSITION 6.5 2
KEYBOX .15 .15
TEXTSIZE .09 .06
KEYSEPARATION .15 .15
KEYMARKER DRILLH.KEY NOBOX
MARKERSIZE .2
RESEL DRILLH POINTS TYPE = 1
MARKERSYMBOL 90
POINTS DRILLH
CLEARSEL
RESEL DRILLH POINTS TYPE = 2
MARKERSYMBOL 91
POINTS DRILLH
CLEARSEL
RESEL DRILLH POINTS TYPE = 3
MARKERSYMBOL 92
POINTS DRILLH
CLEARSEL
MEND
&JUMP OVERLAY

&LABEL SURF
POINTMARKERS SURF 86
&LABEL SURF1
&ASK 2 "1-MINE NUMBER & LOCATION, 2-EXIT" 3
&GOTO MINE# &IF &EQ %2 1
&GOTO OVERLAY &IF &EQ %2 2
&JUMP SURF1
&LABEL MINE#
IDENTIFY SURF POINTS * MINE# LOC.
&JUMP SURF1

&LABEL OTC
MSEL ALL
&TYPE "ANSWER <Y> TO AVOID UNCLEAR PLOTS"
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 4.5
TEXTSIZE .15 .12
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
```

```
TEXTFONT 0
MEND
MBEGIN
MOVE 6.5 4.2
TEXT 'OVERBURDEN THICKNESS'
KEYPOSITION 6.5 3.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE OTC.KEY
RESEL OTC POLYS CLASS = 1
POLYGONSHADES OTC 30
CLEARSEL
RESEL OTC POLYS CLASS = 2
POLYGONSHADES OTC 54
CLEARSEL
RESEL OTC POLYS CLASS = 3
POLYGONSHADES OTC 2
CLEARSEL
RESEL OTC POLYS CLASS = 4
POLYGONSHADES OTC 31
CLEARSEL
RESEL OTC POLYS CLASS = 5
POLYGONSHADES OTC 55
CLEARSEL
RESEL OTC POLYS CLASS = 6
POLYGONSHADES OTC 3
CLEARSEL
RESEL OTC POLYS CLASS = 7
POLYGONSHADES OTC 56
CLEARSEL
RESEL OTC POLYS CLASS = 8
POLYGONSHADES OTC 4
CLEARSEL
LINEC 1
ARCS OTC
LINEC 6
ARCS RIV
LINESYMBOL 7
ARCS LAK
MEND
&JUMP OVERLAY

&LABEL ACHS
CLEAR
MSEL ALL
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.5 4.2
TEXT 'ASH - HIGH SEAM'
KEYPOSITION 6.5 3.3
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE ACHS.KEY
```

```
LINEC 1
RESEL ACHS POLYS CLASS = 1
POLYGONSHADES ACHS 30
CLEARSEL
RESEL ACHS POLYS CLASS = 2
POLYGONSHADES ACHS 34
CLEARSEL
RESEL ACHS POLYS CLASS = 3
POLYGONSHADES ACHS 2
CLEARSEL
RESEL ACHS POLYS CLASS = 4
POLYGONSHADES ACHS 31
CLEARSEL
RESEL ACHS POLYS CLASS = 5
POLYGONSHADES ACHS 35
CLEARSEL
RESEL ACHS POLYS CLASS = 6
POLYGONSHADES ACHS 3
CLEARSEL
RESEL ACHS POLYS CLASS = 7
POLYGONSHADES ACHS 36
CLEARSEL
RESEL ACHS POLYS CLASS = 8
POLYGONSHADES ACHS 4
CLEARSEL
LINEC 1
ARCS ACHS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL ACLS
CLEAR
MSEL ALL
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.5 4.2
TEXT 'ASH - LOW MAIN'
KEYPOSITION 6.5 2.8
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE ACLM.KEY
RESEL ACLM POLYS CLASS = 1
POLYGONSHADES ACLM 34
CLEARSEL
RESEL ACLM POLYS CLASS = 2
POLYGONSHADES ACLM 2
CLEARSEL
RESEL ACLM POLYS CLASS = 3
POLYGONSHADES ACLM 35
```

```
CLEARSEL
RESEL ACLM POLYS CLASS = 4
POLYGONSHADES ACLM 3
CLEARSEL
RESEL ACLM POLYS CLASS = 5
POLYGONSHADES ACLM 36
CLEARSEL
RESEL ACLM POLYS CLASS = 6
POLYGONSHADES ACLM 4
CLEARSEL
LINEC 1
ARCS ACLM
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL SCLM
CLEAR
MSEL ALL
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 2
ARCS RIV
TEXTSIZE .15 .12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.5 4.2
TEXT 'SULPHUR - LOW MAIN'
KEYPOSITION 6.5 2.2
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE SCLM.KEY
RESEL SCLM POLYS CLASS = 1
POLYGONSHADES SCLM 34
CLEARSEL
RESEL SCLM POLYS CLASS = 2
POLYGONSHADES SCLM 2
CLEARSEL
RESEL SCLM POLYS CLASS = 3
POLYGONSHADES SCLM 35
CLEARSEL
RESEL SCLM POLYS CLASS = 4
POLYGONSHADES SCLM 3
CLEARSEL
RESEL SCLM POLYS CLASS = 5
POLYGONSHADES SCLM 4
CLEARSEL
LINEC 1
ARCS SCLM
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY
```

```
&LABEL SCHS
MSELECT ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.5 4.2
TEXT 'SULPHUR - HIGH SEAM'
KEYPOSITION 6.5 2.8
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE SCHS.KEY
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
RESEL SCHS POLYS CLASS = 1
POLYGONSHADES SCHS 44
CLEARSEL
RESEL SCHS POLYS CLASS = 2
POLYGONSHADES SCHS 2
CLEARSEL
RESEL SCHS POLYS CLASS = 3
POLYGONSHADES SCHS 45
CLEARSEL
RESEL SCHS POLYS CLASS = 4
POLYGONSHADES SCHS 3
CLEARSEL
RESEL SCHS POLYS CLASS = 5
POLYGONSHADES SCHS 46
CLEARSEL
RESEL SCHS POLYS CLASS = 6
POLYGONSHADES SCHS 4
CLEARSEL
LINEC 1
ARCS SCHS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL HSC
MSELECT ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
```

```
LINEC 6
ARCS RIV
TEXTSIZE .15  12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.15 4.2
TEXT 'TOP OF THE HIGHEST SEAM CONTOURS'
KEYPOSITION 6.5 3.0
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYLINE HSC.KEY NOBOX
RESEL HSC ARCS VALUE = 101
LINESYMBOL 1
ARCS HSC
CLEARSEL
RESEL HSC ARCS VALUE GE 700 AND VALUE LE 709
LINESYMBOL 2
ARCS HSC
CLEARSEL
RESEL HSC ARCS VALUE GE 710 AND VALUE LE 719
LINESYMBOL 6
ARCS HSC
CLEARSEL
RESEL HSC ARCS VALUE GE 720 AND VALUE LE 729
LINESYMBOL 3
ARCS HSC
CLEARSEL
RESEL HSC ARCS VALUE GE 730 AND VALUE LE 739
LINESYMBOL 7
ARCS HSC
CLEARSEL
RESEL HSC ARCS VALUE GE 740 AND VALUE LE 749
LINESYMBOL 4
ARCS HSC
CLEARSEL
RESEL HSC ARCS VALUE GE 750
LINESYMBOL 8
ARCS HSC
CLEARSEL
LINEC 6
ARCS RIV
LINESYMBOL 7
ARCS LAK
MEND
&JUMP OVERLAY

&LABEL TLM
MSELECT ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
```

```
TEXTCOLOR 2
MOVE 1 1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.15 4.2
TEXT 'TOP OF THE LOWER MAIN CONTOURS'
KEYPOSITION 6.5 3.0
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYLINE TLM.KEY NOBOX
RESEL TLM ARCS VALUE = 101
LINESYMBOL 1
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 695 AND VALUE LE 700
LINESYMBOL 2
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 701 AND VALUE LE 705
LINESYMBOL 6
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 706 AND VALUE LE 710
LINESYMBOL 3
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 711 AND VALUE LE 715
LINESYMBOL 7
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 716 AND VALUE LE 720
LINESYMBOL 4
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 721 AND VALUE LE 725
LINESYMBOL 8
ARCS TLM
CLEARSEL
RESEL TLM ARCS VALUE GE 726 AND VALUE LE 730
LINESYMBOL 12
ARCS TLM
CLEARSEL
LINEC 6
ARCS RIV
LINESYMBOL 7
ARCS LAK
MEND
&JUMP OVERLAY

&LABEL TUM
MSELECT ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .12
MOVE 6.5 4.5
TEXT 'GENESEE AREA'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
```

```
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.15 4.2
TEXT 'TOP OF THE UPPER MAIN CONTOURS'
KEYPOSITION 6.5 3.0
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYLINE TUM.KEY NOBOX
RESEL TUM ARCS VALUE = 101
LINESYMBOL 1
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 700 AND VALUE LE 705
LINESYMBOL 2
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 706 AND VALUE LE 710
LINESYMBOL 6
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 711 AND VALUE LE 715
LINESYMBOL 10
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 716 AND VALUE LE 720
LINESYMBOL 3
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 721 AND VALUE LE 725
LINESYMBOL 7
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 726 AND VALUE LE 730
LINESYMBOL 11
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 731 AND VALUE LE 735
LINESYMBOL 4
ARCS TUM
CLEARSEL
RESEL TUM ARCS VALUE GE 736 AND VALUE LE 740
LINESYMBOL 8
ARCS TUM
CLEARSEL
LINEC 6
ARCS RIV
LINESYMBOL 7
ARCS LAK
MEND
&JUMP OVERLAY

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 80
LINEC 1
ARCS LIC
&LABEL LIC1
MOVE 3 3.8
TEXTSIZE .1 .07
TEXT 'LIC #:C82-2'
MEND
&JUMP OVERLAY

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL PRINTER
```

```
MAP END
&SETVAR 15 "PRINTER"
&RUN %15
DISPLAY 4 2 3
KILLMAP MAP1
&GOTO START

&LABEL MAIN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN QLTAB

&LABEL EXIT
MAP END
KILLMAP MAP1
Q
```

FILE -> WABAMUN\MINES\WHITE\MANUAL.SML

```
&REM ********************************************************
&REM THIS MENU INCLUDES PERMITED AREAS, MINED AREAS, ISOPACH
&REM OF OVERBURDEN TO FIRST MINEABLE SEAM, LICENCED AREAS,
&REM AND OIL & GAS WELLS STAT
&REM WRITTEN BY D. CHAO ON AUG 30, 1988
&REM ********************************************************
PAGESIZE 9.6 5.6
&LABEL START
CLEAR
MAPEX ATS LIC PERM MINED STAT ISO3 FMS SCT3
MAP MAP1
&LABEL MENU1
MBEGIN
MAPANGLE -1.5
MAPLIMITS 0 0 7 5
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MOVE 2.8 4.6
TEXTCOLOR 1
TEXTSIZE .2 .2
TEXT 'WHITEWOOD AREAS'
TEXTSIZE .1 07
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL MENU2
&TYPE "1-LICENCED AREAS, 2-PERMITED AREAS, 3-MINED AREAS,"
&TYPE "4-OVERBURDEN THINKNESS TO THE 1ST MINEABLE SEAM, 5-OIL & GAS WELLS"
&TYPE "LOCATIONS, 6-ISOPACH OF SEAM 3, 7-STRUCTURAL CONTOURS (TOP OF SEAM 3),"
&TYPE "8-HWY, 9-COUNTY BOUNDARIES, 10-PRINTER, 11-WABAMUN MENU, "
&TYPE "12-HIGHVALE MENU, 13-83G MENU, 14-MAIN MENU, 15-EXIT"
&ASK 1 "16-TTY.  PLEASE ENTER YOUR CHOICE" 17
&GOTO LIC &IF &EQ %1 1
&GOTO PERM &IF &EQ %1 2
&GOTO MINED &IF &EQ %1 3
&GOTO OTC &IF &EQ %1 4
&GOTO STAT &IF &EQ %1 5
&GOTO ISO3 &IF &EQ %1 6
&GOTO SCT3 &IF &EQ %1 7
&GOTO HWY &IF &EQ %1 8
&GOTO CB &IF &EQ %1 9
&GOTO PRINTER &IF &EQ %1 10
```

```
&GOTO WABAMUN &IF &EQ %1 11
&GOTO HIGHVALE &IF &EQ %1 12
&GOTO B3G &IF &EQ %1 13
&GOTO MAIN &IF &EQ %1 14
&GOTO EXIT &IF &EQ %1 15
&GOTO TTY &IF &EQ %1 16
&GOTO MENU2

&LABEL TTY
MAP END
&TTY
&JUMP MENU2

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 67
LINEC 1
ARCS LIC
TEXTSIZE .1 .07
MOVE 4.5 2
TEXT 'LIC#:C83-30'
MEND
&GOTO OVERLAY

&LABEL OVERLAY
&QUERY 2 "OVERLAY THIS COVERAGE ONTO THE NEXT ONE" &F
&GOTO MENU2 &IF &EQ %2 Y
MDELETE
MFRESH
&GOTO MENU2

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 46
LINEC 1
ARCS PERM
TEXTSIZE .1 .07
MOVE 3.5 2.5
TEXTCOLOR 1
TEXT 'PERMIT #:C78-16'
MEND
&GOTO OVERLAY

&LABEL MINED
MBEGIN
POLYGONSHADES MINED 32
LINEC 1
ARCS MINED
MEND
&GOTO OVERLAY

&LABEL OTC
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2 .2
MOVE 2.8 4.6
TEXT 'WHITEWOOD AREA'
TEXTSIZE .1 .07
MOVE 2.6 4.3
TEXT 'ISOPACH OF OVERBURDEN TO THE 1ST MINEABLE SEAM'
TEXTSIZE .1 .07
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
```

```
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
KEYPOSITION 7.2 2.8
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE FMS.KEY
RESEL FMS POLYS CLASS = 1
POLYGONSHADES FMS 42
CLEARSEL
RESEL FMS POLYS CLASS = 2
POLYGONSHADES FMS 34
CLEARSEL
RESEL FMS POLYS CLASS = 3
POLYGONSHADES FMS 2
CLEARSEL
RESEL FMS POLYS CLASS = 4
POLYGONSHADES FMS 35
CLEARSEL
RESEL FMS POLYS CLASS = 5
POLYGONSHADES FMS 3
CLEARSEL
RESEL FMS POLYS CLASS = 6
POLYGONSHADES FMS 36
CLEARSEL
RESEL FMS POLYS CLASS = 7
POLYGONSHADES FMS 4
CLEARSEL
LINEC 1
ARCS FMS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&GOTO OVERLAY

&LABEL ISO3
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2 .2
MOVE 2.8 4.6
TEXT 'WHITEWOOD AREA'
TEXTSIZE .1 .07
MOVE 3.3 4.3
TEXT 'ISOPACH OF SEAM 3'
TEXTSIZE .1 .07
TEXTCOLOR 2
TEXTFONT 8
MOVE 1 1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
KEYPOSITION 7.2 3.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
```

```
KEYSHADE ISO3.KEY
RESEL ISO3 POLYS CLASS = 1
POLYGONSHADES ISO3 30
CLEARSEL
RESEL ISO3 POLYS CLASS = 2
POLYGONSHADES ISO3 34
CLEARSEL
RESEL ISO3 POLYS CLASS = 3
POLYGONSHADES ISO3 2
CLEARSEL
RESEL ISO3 POLYS CLASS = 4
POLYGONSHADES ISO3 31
CLEARSEL
RESEL ISO3 POLYS CLASS = 5
POLYGONSHADES ISO3 35
CLEARSEL
RESEL ISO3 POLYS CLASS = 6
POLYGONSHADES ISO3 3
CLEARSEL
RESEL ISO3 POLYS CLASS = 7
POLYGONSHADES ISO3 32
CLEARSEL
RESEL ISO3 POLYS CLASS = 8
POLYGONSHADES ISO3 36
CLEARSEL
RESEL ISO3 POLYS CLASS = 9
POLYGONSHADES ISO3 4
CLEARSEL
LINEC 1
ARCS ISO3
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL SCT3
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .2 .2
MOVE 2.8 4.6
TEXT 'WHITEWOOD AREA'
TEXTSIZE .1 .07
MOVE 2.9 4.3
TEXT 'STRUCTURAL CONTOURS : TOP OF SEAM 3'
TEXTSIZE .1 .07
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
KEYPOSITION 7.2 2.2
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE SCT3.KEY
RESEL SCT3 POLYS CLASS = 1
POLYGONSHADES SCT3 34
CLEARSEL
```

```
RESEL SCT3 POLYS CLASS = 2
POLYGONSHADES SCT3 2
CLEARSEL
RESEL SCT3 POLYS CLASS = 3
POLYGONSHADES SCT3 35
CLEARSEL
RESEL SCT3 POLYS CLASS = 4
POLYGONSHADES SCT3 3
CLEARSEL
RESEL SCT3 POLYS CLASS = 5
POLYGONSHADES SCT3 4
CLEARSEL
LINEC 1
ARCS SCT3
LINESYMBOL 7
ARCS LAK
LINEC 6
ARCS RIV
MEND
&JUMP OVERLAY

&LABEL STAT
MBEGIN
POINTMARKERS STAT 89
MOVE 4.5 0.6
TEXTSIZE .1 .07
TEXT 'WELL ID:83689'
MOVE 4.5 0.4
TEXT 'STATUS:ABANDONED'
MEND
&GOTO OVERLAY

&LABEL HWY
MBEGIN
LINEC 2
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL CB
MBEGIN
LINEC 5
ARCS MDB
MEND
&JUMP OVERLAY

&LABEL PRINTER
MAP END
&RUN PRINTER.SML
KILLMAP MAP1
DISPLAY 4 2 3
&JUMP START

&LABEL MAIN
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN QLTAB.SML

&LABEL WABAMUN
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL HIGHVALE
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\MINES\HIGHVA"
&RUN MANUAL.SML

&LABEL 83G
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN 83G.SML

&LABEL EXIT
```

```
MAP END
KILLMAP MAP1
Q
```

FILE -> WABAMUN\TWPS\T5345\MANUAL.SML

```
&REM ••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••
&REM THIS MENU INCLUDES ALL THE COVERAGES IN THE T5345 DIRECTORY. USERS
&REM CAN PRODUCE ANY HARDCOPIES ANYTIME THEY WISH DURING THE PROCESS.
&REM WRITTEN BY D. CHAO   SEPT 15,1988
&REM ••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX WISO3 WFMS WSCT3 ATS
&LABEL MENU
CLEAR
LINEC 1
BOX 0 0 9.6 5.6
MBEGIN
MAPANGLE -1.5
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 53 4'
TEXTSIZE .1 .07
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL MENU1
&TYPE "1-HWY, 2-WHITE. COAL SEAM 3, 3-WHITE. OVERBURDEN ISOPACH,"
&TYPE "4-WHITE. STRUCTURAL SEAMS, 5-MINED AREAS, 6-LICENCED, 7-PERMITED"
&TYPE "8-ERCB COAL MINES,  9-WELL STAT, 10-PRINTER, 11-WABAMUN MENU,"
&ASK 1 "12-MAIN MENU, 13-EXIT, 14-TTY.  PLEASE ENTER YOUR CHOICE " 15
&GOTO HWY &IF &EQ %1 1
&GOTO SEAM3 &IF &EQ %1 2
&GOTO OTC &IF &EQ %1 3
&GOTO SSEAM &IF &EQ %1 4
&GOTO MINED &IF &EQ %1 5
&GOTO LIC &IF &EQ %1 6
&GOTO PERM &IF &EQ %1 7
&GOTO COAL &IF &EQ %1 8
&GOTO STAT &IF &EQ %1 9
&GOTO PRINTER &IF &EQ %1 10
&GOTO WABAMUN &IF &EQ %1 11
&GOTO MAIN &IF &EQ %1 12
&GOTO EXIT &IF &EQ %1 13
&GOTO TTY &IF &EQ %1 14
&GOTO MENU1

&LABEL TTY
&TTY
&JUMP MENU1

&LABEL HWY
MBEGIN
LINEC 5
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL SEAM3
```

```
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP 53 4'
TEXTSIZE .1 .07
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'WHITEWOOD MINE:'
MOVE 6 4.5
TEXT 'ISOPACH OF SEAM 3'
TEXTSIZE .1 .08
KEYPOSITION 6 3.5
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE WISO3.KEY
RESEL WISO3 POLYS CLASS = 1
POLYGONSHADES WISO3 30
CLEARSEL
RESEL WISO3 POLYS CLASS = 2
POLYGONSHADES WISO3 54
CLEARSEL
RESEL WISO3 POLYS CLASS = 3
POLYGONSHADES WISO3 2
CLEARSEL
RESEL WISO3 POLYS CLASS = 4
POLYGONSHADES WISO3 31
CLEARSEL
RESEL WISO3 POLYS CLASS = 5
POLYGONSHADES WISO3 55
CLEARSEL
RESEL WISO3 POLYS CLASS = 6
POLYGONSHADES WISO3 3
CLEARSEL
RESEL WISO3 POLYS CLASS = 7
POLYGONSHADES WISO3 32
CLEARSEL
RESEL WISO3 POLYS CLASS = 8
POLYGONSHADES WISO3 56
CLEARSEL
RESEL WISO3 POLYS CLASS = 9
POLYGONSHADES WISO3 4
CLEARSEL
LINEC 1
ARCS WISO3
MEND
&JUMP OVERLAY

&LABEL OTC
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
```

```
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 4'
TEXTSIZE .1 .07
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'WHITEWOOD MINE:'
MOVE 6 4.5
TEXTSIZE .1 .08
TEXT 'ISOPACH OF OVERBURDEN TO'
MOVE 6 4.3
TEXT 'FIRST MINEABLE SEAM
KEYPOSITION 6 2.5
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE WFMS.KEY
RESEL WFMS POLYS CLASS = 1
POLYGONSHADES WFMS 30
CLEARSEL
RESEL WFMS POLYS CLASS = 2
POLYGONSHADES WFMS 2
CLEARSEL
RESEL WFMS POLYS CLASS = 3
POLYGONSHADES WFMS 31
CLEARSEL
RESEL WFMS POLYS CLASS = 4
POLYGONSHADES WFMS 3
CLEARSEL
RESEL WFMS POLYS CLASS = 5
POLYGONSHADES WFMS 32
CLEARSEL
RESEL WFMS POLYS CLASS = 6
POLYGONSHADES WFMS 4
CLEARSEL
LINEC 1
ARCS WFMS
MEND
&JUMP OVERLAY

&LABEL SSEAM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 4'
TEXTSIZE .1 .07
```

```
TEXTCOLOR 2
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'WHITEWOOD MINE'
MOVE 6 4.5
TEXTSIZE .1 .09
TEXT 'STRUCTURAL CONTOUR:'
MOVE 6 4.3
TEXT 'TOP OF SEAM 3'
KEYPOSITION 6 2
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE WSCT3.KEY
RESEL WSCT3 POLYS CLASS = 1
POLYGONSHADES WSCT3 30
CLEARSEL
RESEL WSCT3 POLYS CLASS = 2
POLYGONSHADES WSCT3 2
CLEARSEL
RESEL WSCT3 POLYS CLASS = 3
POLYGONSHADES WSCT3 31
CLEARSEL
RESEL WSCT3 POLYS CLASS = 4
POLYGONSHADES WSCT3 3
CLEARSEL
RESEL WSCT3 POLYS CLASS = 5
POLYGONSHADES WSCT3 32
CLEARSEL
LINEC 1
ARCS WSCT3
MEND
&JUMP OVERLAY

&LABEL MINED
MBEGIN
POLYGONSHADES MINED 42
LINEC 1
ARCS MINED
MEND
&JUMP OVERLAY

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 7
LINEC 1
ARCS LIC
TEXTSIZE .09 .07
MOVE 1.8 3.5
TEXT 'LIC#:C83-30'
MOVE 4.1 2.9
TEXT 'LIC#:C83-29'
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 18
LINEC 1
ARCS PERM
TEXTSIZE .09 .07
MOVE 2.0 1.5
TEXT 'PERM#:C78-16'
MEND
&JUMP OVERLAY

&LABEL COAL
```

```
MBEGIN
POINTMARKERS UNDER 85
POINTMARKERS SURF 87
TEXTSIZE .07 .05
MOVE 0.5 1.3
TEXT 'UNDERGROUND MINE'
MOVE 0.5 1.1
TEXT 'MINE#:774, LOC:UNCERT'
MOVE 2.7 0.8
TEXT 'UNDERGROUND MINE'
MOVE 2.7 0.6
TEXT 'MINE#:260, LOC:UNCERT'
MOVE 3.7 2.1
TEXT 'UNDERGROUND MINE'
MOVE 3.7 2.0
TEXT 'MINE#:412, LOC:UNCERT'
MOVE 4.4 2.6
TEXT 'UNDERGROUND MINE'
MOVE 4.4 2.4
TEXT 'MINE#:263, LOC:UNCERT'
MOVE 3.5 1.6
TEXT 'SURFACE MINE'
MOVE 3.5 1.4
TEXT 'MINE#:1645, LOC:UNCERT'
MEND
&JUMP OVERLAY

&LABEL STAT
MBEGIN
POINTMARKERS STAT 89
TEXTSIZE .07 .05
MOVE 4.0 4.6
TEXT 'LOCATION/UNCERTAIN STATUS'
MOVE 1.8 2
TEXT 'WELL ID:83609'
MOVE 1.7 1.8
TEXT 'STATUS:ABANDONED'
MEND
&JUMP OVERLAY

&LABEL PRINTER
&SETVAR 10 "PRINTER"
&RUN %10
MAP END
DISPLAY 4 2 3
KILLMAP MAP1
&LABEL ASK2
&ASK 11 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT " 5
&GOTO NAME &IF &EQ %11 1
&GOTO WABAMUN &IF &EQ %11 2
&GOTO MAIN &IF &EQ %11 3
&GOTO EXIT &IF &EQ %11 4
&GOTO ASK2

&LABEL WABAMUN
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL OVERLAY
&QUERY 12 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %12 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL EXIT
MAP END
KILLMAP MAP1
Q
```

FILE -> WABAMUN\TWPS\T5355\MANUAL.SML

```
&REM ************************************************************
&REM THIS MENU IS A COMBINATION OF THE SML AND MAP COMPOSITION
&REM OPERATE CAN PRODUCE ANY HARDCOPIES OF ANY DISPLAYS OR OVERLAYS
&REM ANYTIME DURING THE PROCESS.
&REM WRITTEN BY D.CHAO  SEPT 14, 1988.
&REM ************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS RIV HWY HISO1 HISO2 HNGEOL WISO3 WFMS WSCT3 HNSC1 STAT
MAPANGLE -1.5
&LABEL MENU
CLEAR
MBEGIN
LINEC 1
BOX 0 0 9.5 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL MENU1
&TYPE "1-HWY, 2-HV. MINE SEAM 1, 3-HV. MINE SEAM 2, 4-HV. GEOLOGICAL MAP"
&TYPE "5-HV. STRUCTURAL SEAM 1, 6-WHITE. OVERBURDEN ISOPACH, 7-WHITEWOOD"
&TYPE "STRUCTURAL SEAMS, 8-WELL STAT, 9-ERCB COAL, 10-PRINTER, 11-WABAMUN MENU"
&LABEL ASK
&ASK 1 "12-TTY  ENTER YOUR CHOICE" 13
&GOTO HWY &IF &EQ %1 1
&GOTO SEAM1 &IF &EQ %1 2
&GOTO SEAM2 &IF &EQ %1 3
&GOTO GEOL &IF &EQ %1 4
&GOTO HVSSEAM &IF &EQ %1 5
&GOTO OTC &IF &EQ %1 6
&GOTO WHSSEAM &IF &EQ %1 7
&GOTO STAT &IF &EQ %1 8
&GOTO COAL &IF &EQ %1 9
&GOTO PRINTER &IF &EQ %1 10
&GOTO WABAMUN &IF &EQ %1 11
&GOTO TTY &IF &EQ %1 12
&GOTO ASK

&LABEL TTY
&TTY
&JUMP ASK

&LABEL HWY
MBEGIN
LINEC 2
ARCS HWY
MEND
&QUERY 2 "OVERLAY HWY WITH THE NEXT DISPLAY" &F
&GOTO MENU1 &IF &EQ %2 Y
&QUERY 4 "SEND TO PRINTER" &F
&GOTO PRINTER &IF &EQ %4 Y
&TYPE "DELETE YOUR HIGHWAYS ?"
MDELETE
MFRESH
&GOTO ASK
```

```
&LABEL SEAM1
MSEL ALL
CLEAR
&TYPE "ENTER <YES> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'HIGHVALE MINE SEAM 1'
TEXTSIZE .13 .11
KEYPOSITION 6 1.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE HISO1.KEY
RESEL HISO1 POLYS CLASS = 9
POLYGONSHADES HISO1 2
CLEARSEL
RESEL HISO1 POLYS CLASS = 13
POLYGONSHADES HISO1 3
CLEARSEL
RESEL HISO1 POLYS CLASS = 14
POLYGONSHADES HISO1 4
CLEARSEL
RESEL HISO1 POLYS CLASS = 15
POLYGONSHADES HISO1 1
CLEARSEL
LINEC 1
ARCS HISO1
MEND
&JUMP OVERLAY

&LABEL SEAM2
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
```

```
TEXT ' ALBERTA'
MOVE 8.7  4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'HIGHVALE MINE SEAM 2'
TEXTSIZE .13 .11
KEYPOSITION 6 2
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE HISO2.KEY
RESEL HISO2 POLYS CLASS = 0
POLYGONSHADES HISO2 66
CLEARSEL
RESEL HISO2 POLYS CLASS = 1
POLYGONSHADES HISO2 2
CLEARSEL
RESEL HISO2 POLYS CLASS = 2
POLYGONSHADES HISO2 67
CLEARSEL
RESEL HISO2 POLYS CLASS = 4
POLYGONSHADES HISO2 68
CLEARSEL
RESEL HISO2 POLYS CLASS = 5
POLYGONSHADES HISO2 4
CLEARSEL
LINEC 1
ARCS HISO2
MEND
&JUMP OVERLAY

&LABEL GEOL
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7  .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'GEOLOGICAL MAP OF'
MOVE 6 4.5
TEXT 'HIGHVALE MINE NORTH'
TEXTSIZE .13 .11
KEYPOSITION 6 1.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE GEO.KEY
```

```
RESEL HNGEOL POLYS LEVEL = 100
POLYGONSHADES HNGEOL 2
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 80
POLYGONSHADES HNGEOL 3
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 40
POLYGONSHADES HNGEOL 4
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 60
POLYGONSHADES HNGEOL 1
CLEARSEL
LINEC 1
ARCS HNGEOL
MEND
&JUMP OVERLAY

&LABEL HVSSEAM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'HIGHVALE MINE NORTH:'
TEXTSIZE .11 .09
MOVE 5.8 4.5
TEXT 'STRUCTURAL CONTOUR SEAM 1'
TEXTSIZE .13 .11
KEYPOSITION 6 2.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE HNSC1.KEY
RESEL HNSC1 POLYS CLASS = 3
POLYGONSHADES HNSC1 42
CLEARSEL
RESEL HNSC1 POLYS CLASS = 4
POLYGONSHADES HNSC1 54
CLEARSEL
RESEL HNSC1 POLYS CLASS = 5
POLYGONSHADES HNSC1 2
CLEARSEL
RESEL HNSC1 POLYS CLASS = 6
POLYGONSHADES HNSC1 43
CLEARSEL
RESEL HNSC1 POLYS CLASS = 7
POLYGONSHADES HNSC1 55
CLEARSEL
RESEL HNSC1 POLYS CLASS = 8
POLYGONSHADES HNSC1 3
CLEARSEL
RESEL HNSC1 POLYS CLASS = 9
```

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POLYGONSHADES HNSC1 44
CLEARSEL
RESEL HNSC1 POLYS CLASS = 10
POLYGONSHADES HNSC1 56
CLEARSEL
LINEC 1
ARCS HNSC1
MEND
&JUMP OVERLAY

&LABEL OTC
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6 4.7
TEXT 'WHITEWOOD MINE'
TEXTSIZE .1 .08
MOVE 6 4.5
TEXT 'ISOPACH OF OVERBURDEN TO'
MOVE 6 4.3
TEXT 'FIRST MINEABLE SEAM'
TEXTSIZE .13 .11
KEYPOSITION 6 2.0
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE WFMS.KEY
RESEL WFMS POLYS CLASS = 3
POLYGONSHADES WFMS 42
CLEARSEL
RESEL WFMS POLYS CLASS = 4
POLYGONSHADES WFMS 2
CLEARSEL
RESEL WFMS POLYS CLASS = 5
POLYGONSHADES WFMS 43
CLEARSEL
RESEL WFMS POLYS CLASS = 6
POLYGONSHADES WFMS 3
CLEARSEL
RESEL WFMS POLYS CLASS = 7
POLYGONSHADES WFMS 44
CLEARSEL
LINEC 1
ARCS WFMS
MEND
&JUMP OVERLAY

&LABEL WHSSEAM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOT"
```

```
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 53 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .13 .11
MOVE 6.2 4.7
TEXT 'WHITEWOOD MINE'
MOVE 6.0 4.5
TEXTSIZE .1 .09
TEXT 'STRUCTURAL CONTOUR'
MOVE 6.0 4.3
TEXT 'TOP OF SEAM 3'
TEXTSIZE .13 .11
KEYPOSITION 6 1.5
KEYSEPARATION .15 .15
KEYBOX .15 .15
KEYSHADE WSCT3.KEY
RESEL WSCT3 POLYS CLASS = 2
POLYGONSHADES WSCT3 2
CLEARSEL
RESEL WSCT3 POLYS CLASS = 3
POLYGONSHADES WSCT3 3
CLEARSEL
RESEL WSCT3 POLYS CLASS = 4
POLYGONSHADES WSCT3 4
CLEARSEL
LINEC 1
ARCS WSCT3
MEND
&JUMP OVERLAY

&LABEL STAT
MBEGIN
TEXTSIZE .12 .09
MOVE 6.0 4
TEXT 'ABANDONED OIL WELLS'
POINTMARKERS STAT 91
MEND
&LABEL ASK1
&ASK 6 "1-ID OF ALL THE WELLS, 2-ID OF EACH WELL , 3-EXIT" 4
&GOTO OVERLAY &IF &EQ %6 3
&GOTO ALLWELL &IF &EQ %6 1
IDENTIFY STAT POINTS * WELL_ID
&GOTO ASK1
&LABEL ALLWELL
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID
CLEARSEL
&JUMP ASK1

&LABEL COAL
MBEGIN
POINTMARKERS SURF 86
POINTMARKERS UNDER 87
TEXTSIZE .07 .06
```

```
MOVE 0.8 4.6
TEXT 'SURFACE MINE'
MOVE 0.8 4.4
TEXT 'MINE# 1630'
MOVE 0.8 4.2
TEXT 'LOC: UNCERTAIN'
MOVE 2.9 4.4
TEXT 'UNDERGOUND MINE'
MOVE 2.9 4.2
TEXT 'MINE# 1123'
MOVE 2.9 4.0
TEXT 'LOC: CORRECT'
MOVE 1.9 0.9
TEXT 'UNDERGROUND MINE'
MOVE 1.9 0.7
TEXT 'MINE# 1412'
MOVE 1.9 0.5
TEXT 'LOC: UNCERTAIN'
MEND
&JUMP OVERLAY

&LABEL PRINTER
&SETVAR 10 "PRINTER"
&RUN %10
MAP END
DISPLAY 4 2 3
KILLMAP MAP1
&LABEL ASK2
&ASK 11 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU" 4
&GOTO NAME &IF &EQ %11 1
&GOTO WABAMUN &IF &EQ %11 2
&GOTO MAIN &IF &EQ %11 3
&GOTO ASK2

&LABEL WABAMUN
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
CLEAR
MAP END
KILLMAP MAP1
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL OVERLAY
&QUERY 12 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
&GOTO MENU1 &IF &EQ %12 Y
MDELETE
MFRESH
&GOTO MENU1
```

FILE -> WABAMUN\TWPS\T5245\MANUAL.SML

```
&REM ************************************************************
&REM THIS MENU WILL DISPLAY ALL THE COVERAGES IN THE T5245 DIRECTORY.
&REM USERS CAN PRODUCE ANY PRINTOUTS ANYTIME DURING THE PROCESS.
&REM THIS MANUAL IS CALLED BY THE WABAMUN AND THE MAIN MENU.
&REM WRITTEN BY D.CHAO    SEPT 19,1988.
&REM ************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS HISO1 HISO2 HNGEOL HNSC1 STAT HSDBED HSLS
&LABEL MENU
CLEAR
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
MAPANGLE -1.5
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
```

```
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL MENU1
&TYPE "1-HWY, 2-HV. MINE SEAM 1, 3-HV. MINE SEAM 2, 4-HV. GEOLOGICAL MAP,"
&TYPE "5-HV. STRUCTURAL CONTOUR SEAM 1, 6-HV. SOUTH:LOWER SHALE,
&TYPE "7-HV. SOUTH:BASE OF DISTURBED BEDROCK, 8-PERMIT AREAS, 9-SURFACE MINES,"
&TYPE "10-LICENCED AREAS, 11-WELL STATUS, 12-MINED AREAS, 13-PRINTER, "
&TYPE "14-WABAMUN MENU, 15-MAIN MENU, 16-EXIT, 17-TTY."
&ASK 1 "PLEASE ENTER YOUR CHOICE " 18
&GOTO HWY &IF &EQ %1 1
&GOTO SEAM1 &IF &EQ %1 2
&GOTO SEAM2 &IF &EQ %1 3
&GOTO GEOL &IF &EQ %1 4
&GOTO SC1 &IF &EQ %1 5
&GOTO HSLS &IF &EQ %1 6
&GOTO BBED &IF &EQ %1 7
&GOTO PERM &IF &EQ %1 8
&GOTO SURF &IF &EQ %1 9
&GOTO LIC &IF &EQ %1 10
&GOTO STAT &IF &EQ %1 11
&GOTO MINED &IF &EQ %1 12
&GOTO PRINTER &IF &EQ %1 13
&GOTO WABAMUN &IF &EQ %1 14
&GOTO MAIN &IF &EQ %1 15
&GOTO EXIT &IF &EQ %1 16
&GOTO TTY &IF &EQ %1 17
&GOTO MENU1

&LABEL TTY
&TTY
&JUMP MENU1

&LABEL HWY
MBEGIN
LINEC 6
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL SEAM1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
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MOVE 8.7  4
TEXT 'RESEARCH'
MOVE 8.7  2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE: COAL SEAM 1'
KEYPOSITION 6 4.0
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HISO1.KEY
RESEL HISO1 POLYS CLASS = 4
POLYGONSHADES HISO1 8
CLEARSEL
RESEL HISO1 POLYS CLASS = 5
POLYGONSHADES HISO1 66
CLEARSEL
RESEL HISO1 POLYS CLASS = 6
POLYGONSHADES HISO1 78
CLEARSEL
RESEL HISO1 POLYS CLASS = 7
POLYGONSHADES HISO1 2
CLEARSEL
RESEL HISO1 POLYS CLASS = 8
POLYGONSHADES HISO1 9
CLEARSEL
RESEL HISO1 POLYS CLASS = 9
POLYGONSHADES HISO1 67
CLEARSEL
RESEL HISO1 POLYS CLASS = 10
POLYGONSHADES HISO1 79
CLEARSEL
RESEL HISO1 POLYS CLASS = 11
POLYGONSHADES HISO1 3
CLEARSEL
RESEL HISO1 POLYS CLASS = 12
POLYGONSHADES HISO1 10
CLEARSEL
RESEL HISO1 POLYS CLASS = 13
POLYGONSHADES HISO1 68
CLEARSEL
RESEL HISO1 POLYS CLASS = 14
POLYGONSHADES HISO1 80
CLEARSEL
RESEL HISO1 POLYS CLASS = 15
POLYGONSHADES HISO1 4
CLEARSEL
LINEC 1
ARCS HISO1
MEND
&JUMP OVERLAY

&LABEL SEAM2
MSEL ALL
CLEAR
&TYPE "ENTER <Y> FOR THE FOLLOWING REQUESTS TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
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```
MOVE 8.7 6
TEXT ' ALBERTA'
MOVE 8.7 4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE: COAL SEAM 2'
KEYPOSITION 6 1.8
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HISO2.KEY
RESEL HISO2 POLYS CLASS = 3
POLYGONSHADES HISO2 42
CLEARSEL
RESEL HISO2 POLYS CLASS = 4
POLYGONSHADES HISO2 46
CLEARSEL
RESEL HISO2 POLYS CLASS = 5
POLYGONSHADES HISO2 70
CLEARSEL
RESEL HISO2 POLYS CLASS = 6
POLYGONSHADES HISO2 2
CLEARSEL
LINEC 1
ARCS HISO2
MEND
&JUMP OVERLAY

&LABEL GEOL
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP.5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'NORTH HIGHVALE MINE:'
MOVE 6 4.6
TEXT 'GEOLOGICAL MAP'
KEYPOSITION 6 2.3
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HNGEOL.KEY
RESEL HNGEOL POLYS LEVEL = 100
POLYGONSHADES HNGEOL 66
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CLEARSEL
RESEL HNGEOL POLYS LEVEL = 80
POLYGONSHADES HNGEOL 42
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 60
POLYGONSHADES HNGEOL 3
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 40
POLYGONSHADES HNGEOL 2
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 35
POLYGONSHADES HNGEOL 67
CLEARSEL
LINEC 1
ARCS HNGEOL
MEND
&JUMP OVERLAY

&LABEL SC1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> FOR THE FOLLOWING REQUESTS TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'NORTH HIGHVALE:'
MOVE 5.8 4.6
TEXT 'STRUCTURAL CONTOUR SEAM 1'
KEYPOSITION 6 4.2
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HNSC1.KEY
RESEL HNSC1 POLYS CLASS = 3
POLYGONSHADES HNSC1 42
CLEARSEL
RESEL HNSC1 POLYS CLASS = 4
POLYGONSHADES HNSC1 46
CLEARSEL
RESEL HNSC1 POLYS CLASS = 5
POLYGONSHADES HNSC1 50
CLEARSEL
RESEL HNSC1 POLYS CLASS = 6
POLYGONSHADES HNSC1 2
CLEARSEL
RESEL HNSC1 POLYS CLASS = 7
POLYGONSHADES HNSC1 43
CLEARSEL
RESEL HNSC1 POLYS CLASS = 8
POLYGONSHADES HNSC1 47
CLEARSEL
RESEL HNSC1 POLYS CLASS = 9
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POLYGONSHADES HNSC1 51
CLEARSEL
RESEL HNSC1 POLYS CLASS = 10
POLYGONSHADES HNSC1 3
CLEARSEL
RESEL HNSC1 POLYS CLASS = 11
POLYGONSHADES HNSC1 44
CLEARSEL
RESEL HNSC1 POLYS CLASS = 12
POLYGONSHADES HNSC1 48
CLEARSEL
RESEL HNSC1 POLYS CLASS = 13
POLYGONSHADES HNSC1 52
CLEARSEL
RESEL HNSC1 POLYS CLASS = 14
POLYGONSHADES HNSC1 4
CLEARSEL
RESEL HNSC1 POLYS CLASS = 15
POLYGONSHADES HNSC1 41
CLEARSEL
RESEL HNSC1 POLYS CLASS = 16
POLYGONSHADES HNSC1 45
CLEARSEL
LINEC 1
ARCS HNSC1
MEND
&JUMP OVERLAY

&LABEL BBED
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE 1 1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'SOUTH HIGHVALE MINE:'
MOVE 5.6 4.6
TEXTSIZE .1 .08
TEXT 'ISOPACH SURFACE TO TOP LITHOLOGY'
MOVE 5.6 4.4
TEXT '500 (BASE OF DISTURBED BEDROCK)'
KEYPOSITION 6.0 2.0
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE HSDBED.KEY
RESEL HSDBED POLYS CLASS = 1
POLYGONSHADES HSDBED 42
CLEARSEL
RESEL HSDBED POLYS CLASS = 2
POLYGONSHADES HSDBED 46
CLEARSEL
RESEL HSDBED POLYS CLASS = 3
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```
POLYGONSHADES HSDBED 2
CLEARSEL
RESEL HSDBED POLYS CLASS = 4
POLYGONSHADES HSDBED 47
CLEARSEL
RESEL HSDBED POLYS CLASS = 5
POLYGONSHADES HSDBED 3
CLEARSEL
LINEC 1
ARCS HSDBED
MEND
&JUMP OVERLAY

&LABEL HSLS
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 4'
TEXTCOLOR 2
TEXTSIZE .1 .07
TEXTFONT 8
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'SOUTH HIGHVALE:'
MOVE 5.8 4.6
TEXTSIZE .1 .08
TEXT 'ISOPACH OF THE LOWER SHALE '
MOVE 5.8 4.4
TEXT '(UNIT 80)'
KEYPOSITION 6.0 2.5
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE HSLS.KEY
RESEL HSLS POLYS CLASS = 2
POLYGONSHADES HSLS 34
CLEARSEL
RESEL HSLS POLYS CLASS = 3
POLYGONSHADES HSLS 2
CLEARSEL
RESEL HSLS POLYS CLASS = 4
POLYGONSHADES HSLS 35
CLEARSEL
RESEL HSLS POLYS CLASS = 5
POLYGONSHADES HSLS 3
CLEARSEL
RESEL HSLS POLYS CLASS = 6
POLYGONSHADES HSLS 36
CLEARSEL
RESEL HSLS POLYS CLASS = 7
POLYGONSHADES HSLS 4
CLEARSEL
LINEC 1
ARCS HSLS
MEND
&JUMP OVERLAY
```

```
&LABEL MINED
MBEGIN
POLYGONSHADES MINED 6
LINEC 1
ARCS MINED
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 31
LINEC 1
ARCS PERM
TEXTSIZE .11 .09
MOVE 1.5 0.5
TEXT 'PERM#:C77-20'
MEND
&JUMP OVERLAY

&LABEL SURF
MBEGIN
POINTMARKERS SURF 85
POINTMARKER UNDER 86
TEXTSIZE .09 .065
MOVE 2 1.5
TEXT 'SURFACE MINE:1715'
MOVE 2 1.35
TEXT 'LOCATION:CORRECT'
MOVE 1.2 3.55
TEXT 'SURFACE MINE:1592'
MOVE 1.2 3.4
TEXT 'LOCATION:UNCERTAIN'
MOVE 0.6 4.2
TEXT 'SURFACE MINE:424'
MOVE 0.6 4.05
TEXT 'LOCATION:UNCERTAIN'
MOVE 1.9 3.9
TEXT 'UNDERGROUND MINE:319'
MOVE 1.9 3.75
TEXT 'LOCATION:UNCERTAIN'
MEND
&JUMP OVERLAY

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 20
LINEC 1
ARCS LIC
TEXTSIZE .11 .09
MOVE 0.6 3
TEXT 'LIC# C82-47'
MOVE 0.6 2.8
TEXT 'LIC# C82-63'
MEND
&JUMP OVERLAY

&LABEL STAT
MBEGIN
POINTMARKERS STAT 89
&LABEL ASK2
&ASK 3 "1-ALL THE WELL ID & STATUS, 2-INDIVIDUAL WELL ID & STATUS, 3-EXIT" 4
&GOTO ALL &IF &EQ %3 1
&GOTO OVERLAY &IF &EQ %3 3
&GOTO IDENT &IF &EQ %3 2
&GOTO ASK2
&LABEL ALL
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID DESCRIPTION
CLEARSEL
&JUMP ASK2
&LABEL IDENT
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&GOTO ASK2

&LABEL PRINTER
CLEAR
&SETVAR 5 "PRINTER"
&RUN %5
MAP END
```

```
KILLMAP MAP1
DISPLAY 4 2 3
&LABEL ASK3
&ASK 6 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT" 5
&GOTO NAME &IF &EQ %6 1
&GOTO WABAMUN &IF &EQ %6 2
&GOTO MAIN &IF &EQ %6 3
&GOTO EXIT &IF &EQ %6 4
&GOTO ASK3

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL OVERLAY
&QUERY 7 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %7 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
Q
```

FILE -> WABAMUN\TWPS\T5255\MANUAL.SML

```
&REM ********************************************************************
&REM THIS MENU WILL DISPLAY ALL THE COVERAGES IN THE T5255 DIRECTORY.
&REM USERS CAN PRODUCE ANY PRINTOUTS ANYTIME DURING THE PROCESS.
&REM THIS MANUAL IS CALLED BY THE WABAMUN AND THE MAIN MENU.
&REM WRITTEN BY D.CHAO    SEPT 19,1988.
&REM ********************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS HISO1 HISO2 HNGEOL HNSC1 STAT
&LABEL MENU
CLEAR
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
MAPANGLE -1.5 .
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
```

```
TEXTFONT 0
MEND
&LABEL MENU1
&TYPE "1-HWY, 2-HV. MINE SEAM 1, 3-HV. MINE SEAM 2, 4-HV. GEOLOGICAL MAP,"
&TYPE "5-HV. STRUCTURAL CONTOUR SEAM 1, 6-PERMIT AREAS, 7-SURFACE MINES,"
&TYPE "8-LICENCED AREAS, 9-WELL STATUS, 10-PRINTER, 11-WABAMUN MENU, 12-MAIN"
&ASK 1 "MENU, 13-EXIT, 14-TTY.  PLEASE ENTER YOUR CHOICE " 15
&GOTO HWY &IF &EQ %1 1
&GOTO SEAM1 &IF &EQ %1 2
&GOTO SEAM2 &IF &EQ %1 3
&GOTO GEOL &IF &EQ %1 4
&GOTO SC1 &IF &EQ %1 5
&GOTO PERM &IF &EQ %1 6
&GOTO SURF &IF &EQ %1 7
&GOTO LIC &IF &EQ %1 8
&GOTO STAT &IF &EQ %1 9
&GOTO PRINTER &IF &EQ %1 10
&GOTO WABAMUN &IF &EQ %1 11
&GOTO MAIN &IF &EQ %1 12
&GOTO EXIT &IF &EQ %1 13
&GOTO TTY &IF &EQ %1 14
&GOTO MENU1

&LABEL TTY
&TTY
&JUMP MENU1

&LABEL HWY
MBEGIN
LINEC 2
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL SEAM1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE COAL SEAM 1'
KEYPOSITION 6 4.0
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HISO1.KEY
RESEL HISO1 POLYS CLASS = 5
POLYGONSHADES HISO1 18
CLEARSEL
RESEL HISO1 POLYS CLASS = 6
POLYGONSHADES HISO1 66
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```
CLEARSEL
RESEL HISO1 POLYS CLASS = 7
POLYGONSHADES HISO1 70
CLEARSEL
RESEL HISO1 POLYS CLASS = 8
POLYGONSHADES HISO1 2
CLEARSEL
RESEL HISO1 POLYS CLASS = 9
POLYGONSHADES HISO1 19
CLEARSEL
RESEL HISO1 POLYS CLASS = 10
POLYGONSHADES HISO1 67
CLEARSEL
RESEL HISO1 POLYS CLASS = 11
POLYGONSHADES HISO1 71
CLEARSEL
RESEL HISO1 POLYS CLASS = 12
POLYGONSHADES HISO1 3
CLEARSEL
RESEL HISO1 POLYS CLASS = 13
POLYGONSHADES HISO1 20
CLEARSEL
RESEL HISO1 POLYS CLASS = 14
POLYGONSHADES HISO1 68
CLEARSEL
RESEL HISO1 POLYS CLASS = 15
POLYGONSHADES HISO1 72
CLEARSEL
RESEL HISO1 POLYS CLASS = 16
POLYGONSHADES HISO1 4
CLEARSEL
RESEL HISO1 POLYS CLASS = 17
POLYGONSHADES HISO1 1
CLEARSEL
LINEC 1
ARCS HISO1
MEND
&JUMP OVERLAY

&LABEL SEAM2
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS LAK
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE COAL SEAM 2'
KEYPOSITION 6 1.8
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HISO2.KEY
```

```
RESEL HISO2 POLYS CLASS = 2
POLYGONSHADES HISO2 66
CLEARSEL
RESEL HISO2 POLYS CLASS = 3
POLYGONSHADES HISO2 2
CLEARSEL
RESEL HISO2 POLYS CLASS = 4
POLYGONSHADES HISO2 67
CLEARSEL
RESEL HISO2 POLYS CLASS = 5
POLYGONSHADES HISO2 3
CLEARSEL
RESEL HISO2 POLYS CLASS = 6
POLYGONSHADES HISO2 4
CLEARSEL
LINEC 1
ARCS HISO2
MEND
&JUMP OVERLAY

&LABEL GEOL
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 12
ARCS RIV
LINEC 6
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 52 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'NORTH HIGHVALE MINE:'
MOVE 6 4.6
TEXT 'GEOLOGICAL MAP'
KEYPOSITION 6 2.3
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HNGEOL.KEY
RESEL HNGEOL POLYS LEVEL = 100
POLYGONSHADES HNGEOL 66
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 80
POLYGONSHADES HNGEOL 2
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 60
POLYGONSHADES HNGEOL 67
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 40
POLYGONSHADES HNGEOL 3
CLEARSEL
RESEL HNGEOL POLYS LEVEL = 35
CLEARSEL
LINEC 1
ARCS HNGEOL
MEND
```

```
&JUMP OVERLAY

&LABEL SC1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP 5 52 5'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'NORTH HIGHVALE:'
MOVE 5.8 4.6
TEXT 'STRUCTURAL CONTOUR SEAM 1'
KEYPOSITION 6 3.5
KEYSEPARATION .15 .15
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HNSC1.KEY
RESEL HNSC1 POLYS CLASS = 1
POLYGONSHADES HNSC1 18
CLEARSEL
RESEL HNSC1 POLYS CLASS = 2
POLYGONSHADES HNSC1 66
CLEARSEL
RESEL HNSC1 POLYS CLASS = 3
POLYGONSHADES HNSC1 70
CLEARSEL
RESEL HNSC1 POLYS CLASS = 4
POLYGONSHADES HNSC1 2
CLEARSEL
RESEL HNSC1 POLYS CLASS = 5
POLYGONSHADES HNSC1 19
CLEARSEL
RESEL HNSC1 POLYS CLASS = 6
POLYGONSHADES HNSC1 67
CLEARSEL
RESEL HNSC1 POLYS CLASS = 7
POLYGONSHADES HNSC1 71
CLEARSEL
RESEL HNSC1 POLYS CLASS = 8
POLYGONSHADES HNSC1 3
CLEARSEL
RESEL HNSC1 POLYS CLASS = 9
POLYGONSHADES HNSC1 68
CLEARSEL
RESEL HNSC1 POLYS CLASS = 10
POLYGONSHADES HNSC1 72
CLEARSEL
RESEL HNSC1 POLYS CLASS = 11
POLYGONSHADES HNSC1 4
CLEARSEL
LINEC 1
ARCS HNSC1
```

```
MEND
&JUMP OVERLAY

&LABEL MINE
MBEGIN
POLYGONSHADES MINED 6
LINEC 1
ARCS MINED
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 19
LINEC 1
ARCS PERM
TEXTSIZE .11 .09
MOVE 3.9 4
TEXT 'PERM#:C77-20'
MEND
&JUMP OVERLAY

&LABEL SURF
MBEGIN
POINTMARKERS SURF 85
TEXTSIZE .09 .07
MOVE 2 5.1
TEXT 'SURFACE MINE ID:1683'
MOVE 2 4.9
TEXT 'LOCATION:CORRECT'
MEND
&JUMP OVERLAY

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 20
LINEC 1
ARCS LIC
TEXTSIZE .11 .09
MOVE 0.5 4.6
TEXT 'LIC#.C82-70'
MOVE 2.2 3
TEXT 'LIC#:C81-10'
MEND
&JUMP OVERLAY

&LABEL STAT
MBEGIN
POINTMARKERS STAT 89
&LABEL ASK2
&ASK 3 "1-ALL WELL ID & STATUS, 2-INDIVIDUAL WELL ID & STATUS, 3-EXIT" 4
&GOTO ALL &IF &EQ %3 1
&GOTO OVERLAY &IF &EQ %3 3
&GOTO IDENT &IF &EQ %3 2
&GOTO ASK2
&LABEL ALL
RESEL STAT POINTS MAPEX
LIST STAT POINTS WELL_ID DESCRIPTION
CLEARSEL
&JUMP ASK2
&LABEL IDENT
IDENTIFY STAT POINTS * WELL_ID DESCRIPTION
&GOTO ASK2

&LABEL PRINTER
CLEAR
&SETVAR 5 "PRINTER"
&RUN %5
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&LABEL ASK3
&ASK 6 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT" 5
&GOTO NAME &IF &EQ %6 1
&GOTO WABAMUN &IF &EQ %6 2
&GOTO MAIN &IF &EQ %6 3
&GOTO EXIT &IF &EQ %6 4
&GOTO ASK3
```

```
&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN QLTAB.SML

&LABEL OVERLAY
&QUERY 7 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %7 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
Q
```

FILE -> WABAMUN\TWPS\T5145\MANUAL.SML

```
&REM ********************************************************************
&REM THIS MENU WILL DISPLAY ALL THE COVERAGES IN THE T5145 DIRECTORY.
&REM USERS CAN PRODUCE ANY PRINTOUTS ANYTIME DURING THE PROCESS.
&REM THIS MANUAL IS CALLED BY THE WABAMUN AND THE MAIN MENU.
&REM WRITTEN BY D.CHAO    SEPT 19,1988.
&REM ********************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS HISO1 HISO2 STAT HSDBED HSLS
&LABEL MENU
CLEAR
LINEC 1
BOX 0 0 9.6 5.6
MBEGIN
MAPANGLE -1.5
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL MENU1
&TYPE "1-HV. MINE SEAM 1, 2-HV. MINE SEAM 2, 3-HV. SOUTH:BASE OF DISTURBED"
&TYPE "BEDROCK, 4-HV. SOUTH:LOWER SHALE, 5-PERMIT AREAS, 6-OIL & GAS WELLS"
&TYPE "STATUS, 7-PRINTER, 8-WABAMUN MENU, 9-MAIN MENU, 10-EXIT, 11-TTY"
&ASK 1 "PLEASE ENTER YOUR CHOICE " 12
&GOTO SEAM1 &IF &EQ %1 1
&GOTO SEAM2 &IF &EQ %1 2
&GOTO HSLS &IF &EQ %1 4
&GOTO BBED &IF &EQ %1 3
&GOTO PERM &IF &EQ %1 5
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&GOTO STAT &IF &EQ %1 6
&GOTO PRINTER &IF &EQ %1 7
&GOTO WABAMUN &IF &EQ %1 8
&GOTO MAIN &IF &EQ %1 9
&GOTO EXIT &IF &EQ %1 10
&GOTO TTY &IF &EQ %1 11
&GOTO MENU1

&LABEL TTY
&TTY
&JUMP MENU1

&LABEL SEAM1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE COAL SEAM 1'
KEYPOSITION 6 4.3
KEYSEPARATION .12 .12
TEXTSIZE .09 .06
KEYBOX .13 .13
KEYSHADE HISO1.KEY
RESEL HISO1 POLYS CLASS = 1
POLYGONSHADES HISO1 18
CLEARSEL
RESEL HISO1 POLYS CLASS = 2
POLYGONSHADES HISO1 34
CLEARSEL
RESEL HISO1 POLYS CLASS = 3
POLYGONSHADES HISO1 70
CLEARSEL
RESEL HISO1 POLYS CLASS = 4
POLYGONSHADES HISO1 2
CLEARSEL
RESEL HISO1 POLYS CLASS = 5
POLYGONSHADES HISO1 19
CLEARSEL
RESEL HISO1 POLYS CLASS = 6
POLYGONSHADES HISO1 35
CLEARSEL
RESEL HISO1 POLYS CLASS = 7
POLYGONSHADES HISO1 71
CLEARSEL
RESEL HISO1 POLYS CLASS = 8
POLYGONSHADES HISO1 3
CLEARSEL
RESEL HISO1 POLYS CLASS = 9
POLYGONSHADES HISO1 20
CLEARSEL
RESEL HISO1 POLYS CLASS = 10
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POLYGONSHADES HISO1 36
CLEARSEL
RESEL HISO1 POLYS CLASS = 11
POLYGONSHADES HISO1 72
CLEARSEL
RESEL HISO1 POLYS CLASS = 12
POLYGONSHADES HISO1 4
CLEARSEL
RESEL HISO1 POLYS CLASS = 13
POLYGONSHADES HISO1 5
CLEARSEL
RESEL HISO1 POLYS CLASS = 14
POLYGONSHADES HISO1 17
CLEARSEL
RESEL HISO1 POLYS CLASS = 15
POLYGONSHADES HISO1 33
CLEARSEL
RESEL HISO1 POLYS CLASS = 16
POLYGONSHADES HISO1 69
CLEARSEL
RESEL HISO1 POLYS CLASS = 17
POLYGONSHADES HISO1 1
CLEARSEL
LINEC 1
ARCS HISO1
MEND
&JUMP OVERLAY

&LABEL SEAM2
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 4'
TEXTSIZE 1 07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE: COAL SEAM 2'
KEYPOSITION 6 2.4
KEYSEPARATION .15 .15
TEXTSIZE 1 .08
KEYBOX .15 .15
KEYSHADE HISO2.KEY
RESEL HISO2 POLYS CLASS = 3
POLYGONSHADES HISO2 18
CLEARSEL
RESEL HISO2 POLYS CLASS = 4
POLYGONSHADES HISO2 34
CLEARSEL
RESEL HISO2 POLYS CLASS = 5
POLYGONSHADES HISO2 2
CLEARSEL
RESEL HISO2 POLYS CLASS = 6
POLYGONSHADES HISO2 19
CLEARSEL
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RESEL HISO2 POLYS CLASS = 7
POLYGONSHADES HISO2 35
CLEARSEL
RESEL HISO2 POLYS CLASS = 8
POLYGONSHADES HISO2 3
CLEARSEL
RESEL HISO2 POLYS CLASS = 9
POLYGONSHADES HISO2 4
CLEARSEL
LINEC 1
ARCS HISO2
MEND
&JUMP OVERLAY


&LABEL BBED
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS LAK
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'SOUTH HIGHVALE MINE'
MOVE 5.6 4.6
TEXTSIZE .1 .08
TEXT 'ISOPACH SURFACE TO TOP LITHOLOGY'
MOVE 5.6 4.4
TEXT '500 (BASE OF DISTURBED BEDROCK)'
KEYPOSITION 6.0 4.0
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE HSDBED.KEY
RESEL HSDBED POLYS CLASS = 1
POLYGONSHADES HSDBED 18
CLEARSEL
RESEL HSDBED POLYS CLASS = 2
POLYGONSHADES HSDBED 34
CLEARSEL
RESEL HSDBED POLYS CLASS = 3
POLYGONSHADES HSDBED 70
CLEARSEL
RESEL HSDBED POLYS CLASS = 4
POLYGONSHADES HSDBED 2
CLEARSEL
RESEL HSDBED POLYS CLASS = 5
POLYGONSHADES HSDBED 19
CLEARSEL
RESEL HSDBED POLYS CLASS = 6
POLYGONSHADES HSDBED 35
CLEARSEL
RESEL HSDBED POLYS CLASS = 7
POLYGONSHADES HSDBED 71
CLEARSEL
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RESEL HSDBED POLYS CLASS = 8
POLYGONSHADES HSDBED 3
CLEARSEL
RESEL HSDBED POLYS CLASS = 9
POLYGONSHADES HSDBED 36
CLEARSEL
RESEL HSDBED POLYS CLASS = 10
POLYGONSHADES HSDBED 72
CLEARSEL
RESEL HSDBED POLYS CLASS = 11
POLYGONSHADES HSDBED 4
CLEARSEL
LINEC 1
ARCS HSDBED
MEND
&JUMP OVERLAY

&LABEL HSLS
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS LAK
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'SOUTH HIGHVALE:'
MOVE 5.8 4.6
TEXTSIZE .1 .08
TEXT 'ISOPACH OF THE LOWER SHALE '
MOVE 5.8 4.4
TEXT '(UNIT 80)'
KEYPOSITION 6.0 3.6
KEYSEPARATION .12 .12
KEYBOX .15 .15
KEYSHADE HSLS.KEY
RESEL HSLS POLYS CLASS = 1
POLYGONSHADES HSLS 18
CLEARSEL
RESEL HSLS POLYS CLASS = 2
POLYGONSHADES HSLS 34
CLEARSEL
RESEL HSLS POLYS CLASS = 3
POLYGONSHADES HSLS 70
CLEARSEL
RESEL HSLS POLYS CLASS = 4
POLYGONSHADES HSLS 2
CLEARSEL
RESEL HSLS POLYS CLASS = 5
POLYGONSHADES HSLS 19
CLEARSEL
RESEL HSLS POLYS CLASS = 6
POLYGONSHADES HSLS 35
CLEARSEL
RESEL HSLS POLYS CLASS = 7
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POLYGONSHADES HSLS 71
CLEARSEL
RESEL HSLS POLYS CLASS = 8
POLYGONSHADES HSLS 3
CLEARSEL
RESEL HSLS POLYS CLASS = 9
POLYGONSHADES HSLS 20
CLEARSEL
RESEL HSLS POLYS CLASS = 10
POLYGONSHADES HSLS 36
CLEARSEL
RESEL HSLS POLYS CLASS = 11
POLYGONSHADES HSLS 70
CLEARSEL
RESEL HSLS POLYS CLASS = 12
POLYGONSHADES HSLS 4
CLEARSEL
LINEC 1
ARCS HSLS
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 31
LINEC 1
ARCS PERM
TEXTSIZE .1 .07
MOVE 3.8 1.5
TEXT 'PERM#:C77-20'
MEND
&JUMP OVERLAY

&LABEL STAT
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS LAK
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6.5 4.8
TEXT 'SOUTH HIGHVALE'
MOVE 6.5 4.6
TEXTSIZE .1 .07
TEXT 'OIL & GAS WELL STATUS '
KEYPOSITION 6 2.4
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYMARKER STAT.KEY NOBOX
&LABEL ASK6
CLEARSEL
&ASK 6 "8-EXIT.   PLEASE ENTER YOUR CHOICE " 9
&GOTO STAT1 &IF &EQ %6 1
&GOTO STAT2 &IF &EQ %6 2
&GOTO STAT3 &IF &EQ %6 3
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&GOTO STAT5 &IF &EQ %6 4
&GOTO STAT6 &IF &EQ %6 5
&GOTO STAT7 &IF &EQ %6 6
&GOTO STAT8 &IF &EQ %6 7
&GOTO QUIT &IF &EQ %6 8
&GOTO ASK6
&LABEL STAT1
RESEL STAT POINTS STAT = 1
POINTMARKERS STAT 45
&JUMP ID
&LABEL STAT2
RESEL STAT POINTS STAT = 2
POINTMARKERS STAT 46
&JUMP ID
&LABEL STAT3
RESEL STAT POINTS STAT = 3
POINTMARKERS STAT 47
&JUMP ID
&LABEL STAT5
RESEL STAT POINTS STAT = 5
POINTMARKERS STAT 89
&JUMP ID
&LABEL STAT6
RESEL STAT POINTS STAT = 6
POINTMARKERS STAT 90
&JUMP ID
&LABEL STAT7
RESEL STAT POINTS STAT = 7
POINTMARKERS STAT 91
&JUMP ID
&LABEL STAT8
RESEL STAT POINTS STAT = 8
POINTMARKERS STAT 92
&JUMP ID
&LABEL QUIT
&JUMP OVERLAY

&LABEL ID
&ASK 8 "1-ID OF ALL THE WELLS, 2-ID OF EACH WELL, 3-EXIT " 4
&GOTO ALL &IF &EQ %8 1
&GOTO EACH &IF &EQ %8 2
&GOTO ASK6 &IF &EQ %8 3
&JUMP ID
&LABEL EACH
IDENTIFY STAT POINTS * WELL_ID
&JUMP ID
&LABEL ALL
LIST STAT POINTS WELL_ID
&JUMP ID

&LABEL PRINTER
CLEAR
&SETVAR 5 "PRINTER"
&RUN %5
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&LABEL ASK3
&ASK 6 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT" 5
&GOTO NAME &IF &EQ %6 1
&GOTO WABAMUN &IF &EQ %6 2
&GOTO MAIN &IF &EQ %6 3
&GOTO EXIT &IF &EQ %6 4
&GOTO ASK3

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML
```

```
&LABEL OVERLAY
&QUERY 7 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %7 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
Q
```

FILE -> WABAMUN\TWPS\T5155\MANUAL.SML

```
&REM ************************************************************
&REM THIS MENU WILL DISPLAY ALL THE COVERAGES IN THE T5155 DIRECTORY.
&REM USERS CAN PRODUCE ANY PLOTS ANYTIME DURING THE PROCESS.
&REM WRITTEN BY DENNIS K. CHAO     SEPT 26,1988.
&REM ************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS STAT
&LABEL MENU
CLEAR
LINEC 1
BOX 0 0 9.6 5.6
MBEGIN
MAPANGLE -1.5
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 51 5'
TEXTCOLOR 2
TEXTFONT 8
TEXTSIZE .1 .07
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL MENU1
&TYPE "1-HWY, 2-WELL STATUS, 3-PRINTER, 4-WABAMUN MENU, 5-MAIN MENU"
&ASK 1 "6-EXIT, 7-TTY.   PLEASE ENTER YOU CHOICE " 8
&GOTO HWY &IF &EQ %1 1
&GOTO STAT &IF &EQ %1 2
&GOTO PRINTER &IF &EQ %1 3
&GOTO WABAMUN &IF &EQ %1 4
&GOTO MAIN &IF &EQ %1 5
&GOTO EXIT &IF &EQ %1 6
&GOTO TTY &IF &EQ %1 7
&GOTO MENU1

&LABEL TTY
&TTY
&JUMP MENU1

&LABEL HWY
MBEGIN
LINEC 5
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL STAT
MBEGIN
POINTMARKERS STAT 91
MOVE 5.8 4.7
```

```
TEXTSIZE  12  1
TEXT 'ABANDONED OIL & GAS WELLS'
TEXTSIZE  .1  .08
MOVE 3 0.5
TEXT 'ID: 80833'
MOVE 4.7 1.7
TEXT 'ID: 80834'
MOVE 4.3 2.5
TEXT 'ID: 80835'
MOVE 3.2 4.7
TEXT 'ID: 80837'
MOVE 1.5 2.5
TEXT 'ID: 80836'
MEND
&JUMP OVERLAY

&LABEL OVERLAY
&QUERY 3 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE" &F
&GOTO MENU1 &IF &EQ %3 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL PRINTER
&SETVAR 4 "PRINTER"
&RUN %4
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&LABEL ASK1
&ASK 5 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT" 5
&GOTO NAME &IF &EQ %5 1
&GOTO WABAMUN &IF &EQ %5 2
&GOTO MAIN &IF &EQ %5 3
&GOTO EXIT &IF &EQ %5 4
&GOTO ASK1

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL EXIT
MAP END
KILLMAP MAP1
CLEAR
Q
```

FILE -> WABAMUN\TWPS\T5045\MANUAL.SML.SML

```
&REM ************************************************************
&REM THIS MENU WILL DISPLAY ALL THE COVERAGES IN THE T5045 DIRECTORY.
&REM USERS CAN PRODUCE ANY PRINTOUTS ANYTIME DURING THE PROCESS.
&REM THIS MANUAL IS CALLED BY THE WABAMUN AND THE MAIN MENU.
&REM WRITTEN BY D.CHAO    SEPT 19,1988.
&REM ************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS HISO1 HISO2 STAT HSOBED HSLS
&LABEL MENU
CLEAR
LINEC 1
BOX 0 0 9.6 5.6
MBEGIN
MAPANGLE -1.5
LINEC 9
ARCS ATS
LINEC 6
```

```
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
&LABEL MENU1
&TYPE "1-HV. MINE SEAM 1, 2-HV. MINE SEAM 2, 3-HV. SOUTH:BASE OF DISTURBED"
&TYPE "BEDROCK, 4-HV. SOUTH:LOWER SHALE, 5-PERMIT AREAS, 6-OIL & GAS WELLS"
&TYPE "STATUS, 7-HWY, 8-PRINTER, 9-WABAMUN MENU, 10-MAIN MENU, 11-EXIT "
&ASK 1 "12-TTY.  PLEASE ENTER YOUR CHOICE " 13
&GOTO SEAM1 &IF &EQ %1 1
&GOTO SEAM2 &IF &EQ %1 2
&GOTO HSLS &IF &EQ %1 4
&GOTO BBED &IF &EQ %1 3
&GOTO PERM &IF &EQ %1 5
&GOTO STAT &IF &EQ %1 6
&GOTO HWY &IF &EQ %1 7
&GOTO PRINTER &IF &EQ %1 8
&GOTO WABAMUN &IF &EQ %1 9
&GOTO MAIN &IF &EQ %1 10
&GOTO EXIT &IF &EQ %1 11
&GOTO TTY &IF &EQ %1 12
&GOTO MENU1

&LABEL TTY
&TTY
&JUMP MENU1

&LABEL SEAM1
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE: COAL SEAM 1'
KEYPOSITION 6 3
```

```
KEYSEPARATION .12 .12
TEXTSIZE .09 .06
KEYBOX .13 .13
KEYSHADE HISO1.KEY
RESEL HISO1 POLYS CLASS = 4
POLYGONSHADES HISO1 18
CLEARSEL
RESEL HISO1 POLYS CLASS = 5
POLYGONSHADES HISO1 34
CLEARSEL
RESEL HISO1 POLYS CLASS = 6
POLYGONSHADES HISO1 70
CLEARSEL
RESEL HISO1 POLYS CLASS = 7
POLYGONSHADES HISO1 2
CLEARSEL
RESEL HISO1 POLYS CLASS = 8
POLYGONSHADES HISO1 19
CLEARSEL
RESEL HISO1 POLYS CLASS = 9
POLYGONSHADES HISO1 35
CLEARSEL
RESEL HISO1 POLYS CLASS = 10
POLYGONSHADES HISO1 71
CLEARSEL
RESEL HISO1 POLYS CLASS = 11
POLYGONSHADES HISO1 3
CLEARSEL
RESEL HISO1 POLYS CLASS = 12
POLYGONSHADES HISO1 36
CLEARSEL
RESEL HISO1 POLYS CLASS = 13
POLYGONSHADES HISO1 72
CLEARSEL
RESEL HISO1 POLYS CLASS = 14
POLYGONSHADES HISO1 4
CLEARSEL
LINEC 1
ARCS HISO1
MEND
&JUMP OVERLAY

&LABEL SEAM2
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'HIGHVALE: COAL SEAM 2'
KEYPOSITION 6 2.5
KEYSEPARATION .15 .15
```

```
TEXTSIZE .1 .08
KEYBOX .15 .15
KEYSHADE HISO2.KEY
RESEL HISO2 POLYS CLASS = 3
POLYGONSHADES HISO2 18
CLEARSEL
RESEL HISO2 POLYS CLASS = 4
POLYGONSHADES HISO2 34
CLEARSEL
RESEL HISO2 POLYS CLASS = 5
POLYGONSHADES HISO2 2
CLEARSEL
RESEL HISO2 POLYS CLASS = 6
POLYGONSHADES HISO2 19
CLEARSEL
RESEL HISO2 POLYS CLASS = 7
POLYGONSHADES HISO2 35
CLEARSEL
RESEL HISO2 POLYS CLASS = 8
POLYGONSHADES HISO2 3
CLEARSEL
RESEL HISO2 POLYS CLASS = 9
POLYGONSHADES HISO2 4
CLEARSEL
LINEC 1
ARCS HISO2
MEND
&JUMP OVERLAY


&LABEL BBED
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'SOUTH HIGHVALE MINE:'
MOVE 5.6 4.6
TEXTSIZE .1 .08
TEXT 'ISOPACH SURFACE TO TOP LITHOLOGY'
MOVE 5.6 4.4
TEXT '500 (BASE OF DISTURBED BEDROCK)'
KEYPOSITION 6.0 2.5
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE HSDBED.KEY
RESEL HSDBED POLYS CLASS = 1
POLYGONSHADES HSDBED 42
CLEARSEL
RESEL HSDBED POLYS CLASS = 2
POLYGONSHADES HSDBED 70
```

```
CLEARSEL
RESEL HSDBED POLYS CLASS = 3
POLYGONSHADES HSDBED 2
CLEARSEL
RESEL HSDBED POLYS CLASS = 4
POLYGONSHADES HSDBED 43
CLEARSEL
RESEL HSDBED POLYS CLASS = 5
POLYGONSHADES HSDBED 71
CLEARSEL
RESEL HSDBED POLYS CLASS = 6
POLYGONSHADES HSDBED 3
CLEARSEL
LINEC 1
ARCS HSDBED
MEND
&JUMP OVERLAY

&LABEL HSLS
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 .1
MOVE 6 4.8
TEXT 'SOUTH HIGHVALE:'
MOVE 5.8 4.6
TEXTSIZE .1 .08
TEXT 'ISOPACH OF THE LOWER SHALE '
MOVE 5.8 4.4
TEXT '(UNIT 80)'
KEYPOSITION 6.0 2.0
KEYSEPARATION .12 .12
KEYBOX .15 .15
KEYSHADE HSLS.KEY
RESEL HSLS POLYS CLASS = 2
POLYGONSHADES HSLS 42
CLEARSEL
RESEL HSLS POLYS CLASS = 3
POLYGONSHADES HSLS 70
CLEARSEL
RESEL HSLS POLYS CLASS = 4
POLYGONSHADES HSLS 2
CLEARSEL
RESEL HSLS POLYS CLASS = 5
POLYGONSHADES HSLS 43
CLEARSEL
RESEL HSLS POLYS CLASS = 6
POLYGONSHADES HSLS 71
CLEARSEL
RESEL HSLS POLYS CLASS = 7
POLYGONSHADES HSLS 3
```

```
CLEARSEL
LINEC 1
ARCS HSLS
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 31
LINEC 1
ARCS PERM
TEXTSIZE .1 .07
MOVE 3.2 5
TEXT 'PERM#:C77-20'
MEND
&JUMP OVERLAY

&LABEL STAT
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 4'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTFONT 0
TEXTCOLOR 1
MEND
MBEGIN
TEXTSIZE .12 1
MOVE 6.5 4.8
TEXT 'SOUTH HIGHVALE'
MOVE 6.5 4.6
TEXTSIZE .1 .07
TEXT 'OIL & GAS WELL STATUS '
KEYPOSITION 6 2.4
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYMARKER STAT.KEY NOBOX
&LABEL ASK6
CLEARSEL
&ASK 6 "8-EXIT.    PLEASE ENTER YOUR CHOICE " 9
&GOTO STAT1 &IF &EQ %6 1
&GOTO STAT2 &IF &EQ %6 2
&GOTO STAT3 &IF &EQ %6 3
&GOTO STAT5 &IF &EQ %6 4
&GOTO STAT6 &IF &EQ %6 5
&GOTO STAT7 &IF &EQ %6 6
&GOTO STAT8 &IF &EQ %6 7
&GOTO QUIT &IF &EQ %6 8
&GOTO ASK6
&LABEL STAT1
RESEL STAT POINTS STAT = 1
POINTMARKERS STAT 45
&JUMP ID
&LABEL STAT2
RESEL STAT POINTS STAT = 2
POINTMARKERS STAT 46
&JUMP ID
&LABEL STAT3
```

```
RESEL STAT POINTS STAT = 3
POINTMARKERS STAT 47
&JUMP ID
&LABEL STAT5
RESEL STAT POINTS STAT = 5
POINTMARKERS STAT 89
&JUMP ID
&LABEL STAT6
RESEL STAT POINTS STAT = 6
POINTMARKERS STAT 90
&JUMP ID
&LABEL STAT7
RESEL STAT POINTS STAT = 7
POINTMARKERS STAT 91
&JUMP ID
&LABEL STAT8
RESEL STAT POINTS STAT = 8
POINTMARKERS STAT 92
&JUMP ID
&LABEL QUIT
&JUMP OVERLAY

&LABEL ID
&ASK 8 "1-ID OF ALL THE WELLS, 2-ID OF EACH WELL, 3-EXIT " 4
&GOTO ASK6 &IF &EQ %8 3
&GOTO ALL &IF &EQ %8 1
&GOTO EACH &IF &EQ %8 2
&JUMP ID
&LABEL EACH
IDENTIFY STAT POINTS * WELL_ID
&GOTO ID
&LABEL ALL
LIST STAT POINTS WELL_ID
&JUMP ID

&LABEL PRINTER
CLEAR
&SETVAR 5 "PRINTER"
&RUN %5
MAP END
KILLMAP MAP1
DISPLAY 4 2 2
&LABEL ASK3
&ASK 6 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT" 5
&GOTO NAME &IF &EQ %6 1
&GOTO WABAMUN &IF &EQ %6 2
&GOTO MAIN &IF &EQ %6 3
&GOTO EXIT &IF &EQ %6 4
&GOTO ASK3

&LABEL HWY
MBEGIN
LINEC 2
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN QLTAB.SML

&LABEL OVERLAY
&QUERY 7 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %7 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL EXIT
```

```
MAP END
KILLMAP MAP1
CLEAR
0
```

FILE -> WABAMUN\TWPS\T5035\MANUAL.SML

```
&REM ************************************************************
&REM THIS MENU WILL DISPLAY ALL THE COVERAGES IN THE T5035 DIRECTORY.
&REM USERS CAN PRODUCE ANY PRINTOUTS ANYTIME DURING THE PROCESS.
&REM THIS MANUAL IS CALLED BY THE WABAMUN AND THE MAIN MENU.
&REM WRITTEN BY D.CHAO    SEPT 27,1988.
&REM ************************************************************
&LABEL NAME
PAGESIZE 9.6 5.6
MAP MAP1
MAPEX ATS STAT GDRILLH GSCLM GDCLM GACHS GACLM GSCHS GOTC
&LABEL MENU
CLEAR
LINEC 1
BOX 0 0 9.6 5.6
MBEGIN
MAPANGLE -1.5
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
&LABEL MENU1
&TYPE "1-TOP OF HIGHEST SEAM CONTOUR, 2-DRILLHOLE DISTRIBUTION, 3-TOP OF UPPER"
&TYPE "MAIN, 4-SULPHUR (LOWER MAIN), 5-SULPHUR (HIGH SEAM), 6-ASH (HIGH SEAM)"
&TYPE "7-ASH (LOWER MAIN), 8-TOP OF LOWER MAIN CONTOUR, 9-DEPTH OF COVER TO"
&TYPE "LOWER MAIN, 10-OVERBURDEN THINKNESS, 11-LICENCED AREAS, 12-PERMIT AREA"
&TYPE "13-HWY, 14-MINE DISTRIBUTIONS, 15-WELL STATUS, 16-PRINTER"
&TYPE "17-WABAMUN MENU, 18-MAIN MENU, 19-EXIT, 20-TTY"
&ASK 1 "PLEASE ENTER YOUR CHOICE " 20
&GOTO GHSC &IF &EQ %1 1
&GOTO GDRILLH &IF &EQ %1 2
&GOTO GTUM &IF &EQ %1 3
&GOTO GSCLM &IF &EQ %1 4
&GOTO GSCHS &IF &EQ %1 5
&GOTO GACHS &IF &EQ %1 6
&GOTO GACLM &IF &EQ %1 7
&GOTO GTLM &IF &EQ %1 8
&GOTO GDCLM &IF &EQ %1 9
&GOTO GOTC &IF &EQ %1 10
&GOTO LIC &IF &EQ %1 11
&GOTO PERM &IF &EQ %1 12
&GOTO HWY &IF &EQ %1 13
&GOTO MINE &IF &EQ %1 14
&GOTO STAT &IF &EQ %1 15
&GOTO PRINTER &IF &EQ %1 16
&GOTO WABAMUN &IF &EQ %1 17
&GOTO MAIN &IF &EQ %1 18
&GOTO EXIT &IF &EQ %1 19
&GOTO TTY &IF &EQ %1 20
&GOTO MENU1
```

```
&LABEL TTY
&TTY
&JUMP MENU1

&LABEL GHSC
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .1 .07
MOVE 5.8 4.5
TEXT 'TOP OF THE HIGHEST SEAM CONTOUR'
LINEC 10
ARCS GHSC
MEND
&JUMP OVERLAY

&LABEL GTUM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
```

```
MBEGIN
TEXTSIZE .1 .07
MOVE 6.2 4.5
TEXT 'TOP OF UPPER MAIN'
LINEC 15
ARCS GTUM
MEND
&JUMP OVERLAY

&LABEL GTLM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOT"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
TEXTSIZE .15 .13
MOVE 6.5 5
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .1 .07
MOVE 5.8 4.5
TEXT 'TOP OF LOWER MAIN CONTOURS'
LINEC 10
ARCS GTLM
MEND
&JUMP OVERLAY

&LABEL GDRILLH
MBEGIN
TEXTSIZE .1 .07
KEYPOSITION 6 4.2
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYMARKER GDRILLH.KEY NOBOX
&LABEL ASK10
&ASK 10  " 5-EXIT " 6
&GOTO TYPE1 &IF &EQ %10 1
&GOTO TYPE2 &IF &EQ %10 2
&GOTO TYPE3 &IF &EQ %10 3
&GOTO TYPE4 &IF &EQ %10 4
&GOTO OVERLAY &IF &EQ %10 5
&JUMP ASK10
&LABEL TYPE1
RESEL GDRILLH POINTS TYPE = 1
POINTMARKERS GDRILLH 89
CLEARSEL
&JUMP ASK10
&LABEL TYPE2
RESEL GDRILLH POINTS TYPE = 2
POINTMARKERS GDRILLH 90
CLEARSEL
&JUMP ASK10
&LABEL TYPE3
RESEL GDRILLH POINTS TYPE = 3
POINTMARKERS GDRILLH 91
```

```
CLEARSEL
&JUMP ASK10
&LABEL TYPE4
RESEL GDRILLH POINTS TYPE = 4
POINTMARKERS GDRILLH 92
CLEARSEL
&JUMP ASK10
MEND

&LABEL GSCLM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
TEXTSIZE .1 .07
MOVE 6.2 4.5
TEXT 'SULPHUR (LOWER MAIN)'
KEYPOSITION 6 2
KEYSEPARATION .15 .15
TEXTSIZE .1 .07
KEYBOX .2 .2
KEYSHADE GSCLM.KEY
RESEL GSCLM POLYS CLASS = 1
POLYGONSHADES GSCLM 34
CLEARSEL
RESEL GSCLM POLYS CLASS = 2
POLYGONSHADES GSCLM 70
CLEARSEL
RESEL GSCLM POLYS CLASS = 3
POLYGONSHADES GSCLM 2
CLEARSEL
RESEL GSCLM POLYS CLASS = 4
POLYGONSHADES GSCLM 71
CLEARSEL
RESEL GSCLM POLYS CLASS = 5
POLYGONSHADES GSCLM 3
CLEARSEL
LINEC 1
ARCS GSCLM
MEND
&JUMP OVERLAY

&LABEL GSCHS
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
```

```
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.2 4.5
TEXTSIZE .1 .07
TEXT 'SULPHUR (HIGH SEAM)'
KEYPOSITION 6.0 2.4
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYSHADE GSCHS.KEY
RESEL GSCHS POLYS CLASS = 1
POLYGONSHADES GSCHS 46
CLEARSEL
RESEL GSCHS POLYS CLASS = 2
POLYGONSHADES GSCHS 70
CLEARSEL
RESEL GSCHS POLYS CLASS = 3
POLYGONSHADES GSCHS 2
CLEARSEL
RESEL GSCHS POLYS CLASS = 4
POLYGONSHADES GSCHS 47
CLEARSEL
RESEL GSCHS POLYS CLASS = 5
POLYGONSHADES GSCHS 71
CLEARSEL
RESEL GSCHS POLYS CLASS = 6
POLYGONSHADES GSCHS 3
CLEARSEL
LINEC 1
ARCS GSCHS
MEND
&JUMP OVERLAY

&LABEL GACHS
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
```

```
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.2 4.5
TEXTSIZE .1 .07
TEXT 'ASH (HIGH SEAM)'
KEYPOSITION 6.0 2.4
KEYSEPARATION .12 .12
KEYBOX .2 .2
KEYSHADE GACHS.KEY
RESEL GACHS POLYS CLASS = 1
POLYGONSHADES GACHS 18
CLEARSEL
RESEL GACHS POLYS CLASS = 2
POLYGONSHADES GACHS 46
CLEARSEL
RESEL GACHS POLYS CLASS = 3
POLYGONSHADES GACHS 70
CLEARSEL
RESEL GACHS POLYS CLASS = 4
POLYGONSHADES GACHS 2
CLEARSEL
RESEL GACHS POLYS CLASS = 5
POLYGONSHADES GACHS 47
CLEARSEL
RESEL GACHS POLYS CLASS = 6
POLYGONSHADES GACHS 71
CLEARSEL
RESEL GACHS POLYS CLASS = 7
POLYGONSHADES GACHS 3
CLEARSEL
LINEC 1
ARCS GACHS
MEND
&JUMP OVERLAY

&LABEL GACLM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.2 4.5
```

```
TEXTSIZE .1 .07
TEXT 'ASH (LOWER MAIN)'
KEYPOSITION 6.0 2.4
KEYSEPARATION .12 .12
KEYBOX .2 .2
KEYSHADE GACLM.KEY
RESEL GACLM POLYS CLASS = 1
POLYGONSHADES GACLM 46
CLEARSEL
RESEL GACLM POLYS CLASS = 2
POLYGONSHADES GACLM 70
CLEARSEL
RESEL GACLM POLYS CLASS = 3
POLYGONSHADES GACLM 2
CLEARSEL
RESEL GACLM POLYS CLASS = 4
POLYGONSHADES GACLM 47
CLEARSEL
RESEL GACLM POLYS CLASS = 5
POLYGONSHADES GACLM 71
CLEARSEL
RESEL GACLM POLYS CLASS = 6
POLYGONSHADES GACLM 3
CLEARSEL
LINEC 1
ARCS GACLM
MEND
&JUMP OVERLAY

&LABEL GDCLM
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LIMEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP 5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.0 4.5
TEXTSIZE .1 .07
TEXT 'DEPTH OF COVER TO LOWER MAIN'
KEYPOSITION 6.0 2.8
KEYSEPARATION .12 .12
KEYBOX .15 .15
KEYSHADE GDCLM.KEY
RESEL GDCLM POLYS CLASS = 1
POLYGONSHADES GDCLM 18
CLEARSEL
RESEL GDCLM POLYS CLASS = 2
POLYGONSHADES GDCLM 46
CLEARSEL
RESEL GDCLM POLYS CLASS = 3
POLYGONSHADES GDCLM 70
CLEARSEL
```

```
RESEL GDCLM POLYS CLASS = 4
POLYGONSHADES GDCLM 2
CLEARSEL
RESEL GDCLM POLYS CLASS = 5
POLYGONSHADES GDCLM 47
CLEARSEL
RESEL GDCLM POLYS CLASS = 6
POLYGONSHADES GDCLM 71
CLEARSEL
RESEL GDCLM POLYS CLASS = 7
POLYGONSHADES GDCLM 3
CLEARSEL
RESEL GDCLM POLYS CLASS = 8
POLYGONSHADES GDCLM 48
CLEARSEL
RESEL GDCLM POLYS CLASS = 9
POLYGONSHADES GDCLM 72
CLEARSEL
RESEL GDCLM POLYS CLASS = 10
POLYGONSHADES GDCLM 4
CLEARSEL
LINEC 1
ARCS GDCLM
MEND
&JUMP OVERLAY

&LABEL GOTC
MSEL ALL
CLEAR
&TYPE "ENTER <Y> TO AVOID UNCLEAR PLOTS"
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.2 4.5
TEXTSIZE .1 .07
TEXT 'OVERBURDEN THICKNESS'
KEYPOSITION 6.0 2.4
KEYSEPARATION .12 .12
KEYBOX .2 .2
KEYSHADE GOTC.KEY
RESEL GOTC POLYS CLASS = 1
POLYGONSHADES GOTC 18
CLEARSEL
RESEL GOTC POLYS CLASS = 2
POLYGONSHADES GOTC 46
CLEARSEL
RESEL GOTC POLYS CLASS = 3
POLYGONSHADES GOTC 70
CLEARSEL
RESEL GOTC POLYS CLASS = 4
POLYGONSHADES GOTC 2
CLEARSEL
```

```
RESEL GOTC POLYS CLASS = 5
POLYGONSHADES GOTC 47
CLEARSEL
RESEL GOTC POLYS CLASS = 6
POLYGONSHADES GOTC 71
CLEARSEL
RESEL GOTC POLYS CLASS = 7
POLYGONSHADES GOTC 3
CLEARSEL
LINEC 1
ARCS GOTC
MEND
&JUMP OVERLAY

&LABEL PERM
MBEGIN
POLYGONSHADES PERM 32
LINEC 1
ARCS PERM
TEXTSIZE .1 .07
MOVE 3 4
TEXT 'PERM#:C80-14'
MOVE 3.0 2.8
TEXT 'PERM#:C83-25'
MEND
&JUMP OVERLAY

&LABEL LIC
MBEGIN
POLYGONSHADES LIC 42
LINEC 1
ARCS LIC
TEXTSIZE .1 .07
MOVE 3 3.2
TEXT 'LIC#:C82-2'
MEND
&JUMP OVERLAY

&LABEL STAT
MSEL ALL
CLEAR
MDELETE
MBEGIN
LINEC 1
BOX 0 0 9.6 5.6
LINEC 9
ARCS ATS
LINEC 6
ARCS RIV
LINEC 12
ARCS LAK
MOVE 6.5 5
TEXTSIZE .15 .13
TEXT 'TWP:5 50 3'
MOVE 6.2 4.7
TEXT 'GENESEE MINE'
TEXTSIZE .1 .07
TEXTFONT 8
TEXTCOLOR 2
MOVE .1 .1
TEXT 'COAL GEOLOGY GROUP, ALBERTA GEOLOGICAL SURVEY'
MOVE 8.7 .6
TEXT ' ALBERTA'
MOVE 8.7 .4
TEXT 'RESEARCH'
MOVE 8.7 .2
TEXT ' COUNCIL'
TEXTCOLOR 1
TEXTFONT 0
MEND
MBEGIN
MOVE 6.2 4.5
TEXTSIZE .1 .07
TEXT 'OIL & GAS WELL STATUS '
KEYPOSITION 6 2.4
KEYSEPARATION .15 .15
KEYBOX .2 .2
KEYMARKER STAT.KEY NOBOX
&LABEL ASK6
```

```
CLEARSEL
&ASK 6 "8-EXIT.    PLEASE ENTER YOUR CHOICE " 9
&GOTO STAT1 &IF &EQ %6 1
&GOTO STAT2 &IF &EQ %6 2
&GOTO STAT3 &IF &EQ %6 3
&GOTO STAT5 &IF &EQ %6 4
&GOTO STAT6 &IF &EQ %6 5
&GOTO STAT7 &IF &EQ %6 6
&GOTO STAT8 &IF &EQ %6 7
&GOTO QUIT &IF &EQ %6 8
&GOTO ASK6
&LABEL STAT1
RESEL STAT POINTS STAT = 1
POINTMARKERS STAT 45
&JUMP ID
&LABEL STAT2
RESEL STAT POINTS STAT = 2
POINTMARKERS STAT 46
&JUMP ID
&LABEL STAT3
RESEL STAT POINTS STAT = 3
POINTMARKERS STAT 47
&JUMP ID
&LABEL STAT5
RESEL STAT POINTS STAT = 5
POINTMARKERS STAT 89
&JUMP ID
&LABEL STAT6
RESEL STAT POINTS STAT = 6
POINTMARKERS STAT 90
&JUMP ID
&LABEL STAT7
RESEL STAT POINTS STAT = 7
POINTMARKERS STAT 91
&JUMP ID
&LABEL STAT8
RESEL STAT POINTS STAT = 8
POINTMARKERS STAT 92
&JUMP ID

&LABEL QUIT
&JUMP OVERLAY

&LABEL ID
&ASK 8 "1-ID OF ALL THE WELLS, 2-ID OF EACH WELL, 3-EXIT " 4
&GOTO ALL &IF &EQ %8 1
&GOTO ASK6 &IF &EQ %8 3
&GOTO EACH &IF &EQ %8 2
&JUMP ID
&LABEL EACH
IDENTIFY STAT POINTS * WELL_ID
&GOTO ID
&LABEL ALL
LIST STAT POINTS WELL_ID
&JUMP ID

&LABEL MINE
MBEGIN
POINTMARKERS SURF 85
TEXTSIZE .08 .05
MOVE 4.2 3.3
TEXT 'SURFACE MINE#:1788'
MOVE 4.2 3.15
TEXT 'LOC:UNCERTAIN'
MOVE 2.8 2.8
TEXT 'SURFACE MINE#:1595'
MOVE 2.8 2.65
TEXT 'LOC:UNCERTAIN'
MEND
&JUMP OVERLAY

&LABEL HWY
MBEGIN
LINEC 2
ARCS HWY
MEND
&JUMP OVERLAY

&LABEL PRINTER
```

```
CLEAR
&SETVAR 5 "PRINTER"
&RUN %5
MAP END
KILLMAP MAP1
DISPLAY 4 2 3
&LABEL ASK3
&ASK 6 "1-NEW MAP, 2-WABAMUN MENU, 3-MAIN MENU, 4-EXIT" 5
&GOTO NAME &IF &EQ %6 1
&GOTO WABAMUN &IF &EQ %6 2
&GOTO MAIN &IF &EQ %6 3
&GOTO EXIT &IF &EQ %6 4
&GOTO ASK3

&LABEL WABAMUN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\WABAMUN\SAREA"
&RUN MANUAL.SML

&LABEL MAIN
MAP END
KILLMAP MAP1
CLEAR
&SYSTEM "CD C:\PROJ1"
&RUN OLTAB.SML

&LABEL OVERLAY
&QUERY 7 "OVERLAY THIS DISPLAY ONTO THE NEXT ONE " &F
&GOTO MENU1 &IF &EQ %7 Y
MDELETE
MFRESH
&GOTO MENU1

&LABEL EXIT
MAP END
KILLMAP MAP1
Q
```

FILE -> SAME PROGRAM FOR ALL DIRECTORIES

```
DISPLAY 1
PAGESIZE 9.6 5.6
PLOT MAP1
MAP
&RETURN
```