LOCKHEED MARTIN ENERGY RESEARCH LIBRARIES
3 4456 0513426 2

ARCH LIBRARY
COLLECTION

277

OAK RIDGE NATIONAL LABORATORY

operated by

UNION CARBIDE CORPORATION
NUCLEAR DIVISION

for the

U.S. ATOMIC ENERGY COMMISSION

ORNL-TM-1974

INFLUENCE OF SITE FACTORS ON VEGETATION PRODUCTIVITY: A REVIEW AND SUMMARIZATION OF MODELS, DATA, AND REFERENCES

G. M. Van Dyne, R. G. Wright, and J. F. Dollar

OAK RIDGE NATIONAL LABORATORY
CENTRAL RESEARCH LIBRARY
DOCUMENT COLLECTION
LIBRARY LOAN COPY
DO NOT TRANSFER TO ANOTHER PERSON
If you wish someone else to see this document, send in name with document and the library will arrange a loan.

NOTICE This document contains information of a preliminary nature and was prepared primarily for internal use at the Oak Ridge National Laboratory. It is subject to revision or correction and therefore does not represent a final report.

LEGAL NOTICE

This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:

A. Makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or

B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission, or employee of such contractor, to the extent that such employee or contractor of the Commission, or employee of such contractor prepares, disseminates, or provides access to, any information pursuant to his employment or contract with the Commission, or his employment with such contractor.

ORNL-TM-1974

Contract No. W-7405-eng-26

HEALTH PHYSICS DIVISION

INFLUENCE OF SITE FACTORS ON VEGETATION PRODUCTIVITY: A REVIEW AND SUMMARIZATION OF MODELS, DATA, AND REFERENCES

G. M. Van Dyne, R. G. Wright, and J. F. Dollar

FINAL TECHNICAL REPORT FY-1966--SUBCONTRACT NO. 2765

MARCH 1968

OAK RIDGE NATIONAL LABORATORY
Oak Ridge, Tennessee
operated by
UNION CARBIDE CORPORATION
for the
U. S. ATOMIC ENERGY COMMISSION

LOCKHEED MARTIN ENERGY RESEARCH LIBRARIES

3 4456 0513426 2

CONTENTS

Introduction 1

Objectives 3

Mathematical Models in Soil-Site Relationship Studies 4

Tabular Summary of Site Factor Studies 7

Data Summarization 13

Literature on Site Factor Studies 13

Summary 14

Literature Cited 15

Appendix A 17

Appendix B 221

Primary References 223

Secondary References 231

INFLUENCE OF SITE FACTORS ON VEGETATION PRODUCTIVITY: A REVIEW AND SUMMARIZATION OF MODELS, DATA, AND REFERENCES

G. M. Van Dyne, R. G. Wright, and J. F. Dollar

INTRODUCTION

Among the uncertainties that exist regarding the biological and environmental consequences of thermonuclear war are the short-term and long-term effects of such war on the different plant communities that cover the North American continent and which constitute the bulk of our renewable biological resources. Post-attack recovery is a problem of major concern to civil defense workers and the situation is succinctly summarized as follows (Panel D group of Project Harbor, Miller et al. 1964:

> "There is still uncertainty about the immediate and long-term ecological impact of a nuclear attack. Limited knowledge suggests that degradation of the landscape would be in part a function of the size and nature of attack, and in part due to the resulting interaction between organisms. That vast areas might be involved is a distinct possibility. However, at the present time there are insufficient data on this problem, making it difficult to predict events except in the most general qualitative fashion."

Some attention has been given to predicting the effect of such an attack on our economic structure and its recovery (Winter 1963) or to some biological problems related to man's food supply and intensive agriculture (Nicholson 1964). Some physical factors of the environment have been studied intensively to evaluate their relationship to man's environment, for example the fallout threat (Callahan et al. 1960), the probability of and conditions necessary for widespread fire (Chandler et al. 1963), possible weather and climatic modification (Ayres 1964c), and some interrelations of physical factors (Lord 1964b).

Mitchell (1960) surveyed many of the expected ecological problems influencing postwar recuperation and Ayres (1963) has reviewed special aspects of environment following nuclear war, especially those directly affecting human health and food supply. Most of these studies have

been concerned, however, with immediate, or, at most, short-term effects. The influence of environmental insults on natural and seminatural plant and animal communities has received less attention, especially the delayed and long continuing effects.

Life history data have been used by Lord (1963b) in considering possible postattack problems with nondomestic animals. Historical examples of animal outbreaks, such as the rabbit problem in Australia, have been considered by Ingersoll (1964). Although attempts have been made to consider the entire ecosystem's response to insults (e.g., Lord 1964a), it has been possible to consider only a limited number of hypothetical situations, and only by such methods as the use of scenarios (Ayres 1964a) in illustrating some possible consequences of environmental insults. These approaches have been valuable in helping to obtain a general perspective of the problem even though they were often only synthetic examples. The trend toward a more quantitative analysis of these environmental problems has been suggested by the initial development of mathematical models for estimating cycles in animal populations (see Vincent in Lord 1963a) and the application of input-output analysis to a homeostatic system (Ayres 1964b).

The above references are indicative of our state of knowledge concerning the expected response of ecosystems to environmental insults. They provide a wealth of ideas and insights into the problem and suggest much can now be accomplished by utilizing our knowledge of ecosystems and ecosystem processes (incomplete as it may be) in developing models to predict the consequences of environmental insults on ecosystems. Our current state of knowledge and tools will allow exploration of a wider variety of situations and will allow us to obtain some idea of the average and extreme responses of ecosystems to environmental insults.

The philosophy underlying the current research, which builds upon the preceding studies, is (1) that existing data on, and our knowledge of natural, and seminatural ecosystems can be successfully utilized with recently developed tools and techniques to develop realistic models to describe ecosystems on a landscape scale, (2) that these data, knowledge, tools, and techniques can be used in making realistic predictions of

ecosystem responses to environmental insults, and (3) that with knowledge of the average and extreme predicted responses we can evaluate alternative repair strategies for optimizing the recovery rate or stability of ecosystems.

OBJECTIVES

The major long-term objective of this research is to develop accurate simulation models and to use these models to explore the consequences of various types of insults due to thermonuclear war to grassland, shrub, and forest ecosystems on a regional scale and to evaluate the influences of various strategies employed to minimize ecological imbalances. The development of accurate simulation models requires, however, the study of many subproblems which must be combined eventually in explaining variations in ecosystems in space and time.

The purpose of the work reported herein was to begin a thorough study of the influence of site factors on vegetation productivity, that is, to determine in an analytical sense the spatial variation in vegetation productivity.

Specific objectives were (1) to review and examine types of mathematical models which have been used in predicting vegetation productivity as a function of edaphic, climatic, and physiographic parameters; (2) to summarize in a tabular manner information from the literature, or from unpublished research, on the types of site variables and the types of estimates of vegetation productivity that have been reported for individual species productivity; (3) to locate, collect, and prepare for computer analysis individual plot data on dependent productivity measurements and independent site factors; and (4) to provide a preliminary bibliography of site factor studies.

The work reported herein must be considered only an initial step in the development of complex but realistic simulation models. Further phases of study will be reported in succeeding reports and will include the study of and incorporation of responses of communities to radiation, fire damage, and remedial treatments such as fertilization, mechanical renovation, reseeding, and plant control measures.

MATHEMATICAL MODELS IN SOIL-SITE RELATIONSHIP STUDIES

Direct measurement of annual productivity of a community generally is not undertaken for forested communities, but gross productivity often is measured in herbaceous communities. Net productivity measurements are sufficient for most practical purposes, but for theoretical considerations it is necessary also to estimate respiration in order to determine gross productivity. Most of the productivity-soil relationship literature is concerned with forest communities. Forest harvest productivity may be obtained by determining gross volume of wood produced per acre per year over a normal "rotation" or life span of these species invloved. Gross productivity data are especially scarce for forests, and estimates are contingent upon several variables in addition to site factors such as genetic traits, age or rotation, history of the stand, and stand density. Height of free-growing trees of a given species and age often are used as a measure of productivity of the site. Height of free-growing trees corrected to a specified standard age commonly is termed site index and is used as a measure of site quality. Generally, the standard age for site index measurements is 50 years for most eastern and southern species and 100 years for many western or longer-lived species. A more complete discussion of the applicability of site index as a measure of productivity is given by Spurr (1964).

The most common procedure for analyzing site productivity relations in recent years has been by multiple regression analysis. For many of the older studies, and for some of the recent ones, however, computer facilities were not available to examine productivity and site relations by this useful but laborious technique. In some instances it is evident there was a lack of communication between the biometrician advising on the analyses, the computer technologists conducting the analyses, and the biologist originating the problem, collecting the data, and interpreting the results.

In almost all studies the dependent variable has been some measure of plant growth such as height growth, site index, basal diameter growth,

basal area growth rate, density or frequency of species, summer wood percentage, annual production, and so forth. The independent variables are numerous and varied and will be discussed further below.

With few exceptions, the literature pertaining to the study of the relationships between site index and soil, climatic, and topographic properties includes one basic model, the standard multiple regression equation:

$$Y_i = b_o + \sum_j b_j X_{ij} + e_i$$

In this equation Y_i is the dependent variable for the ith plot, b_j is the partial regression coefficient, and X_{ij} is an independent variable. A variety of forms of this general equation have been used in the studies reported in the literature.

Eight different forms of dependent variables have been utilized in the literature investigated. These included six basic measurements plus two logarithmic forms. Site index or logarithm of site index was utilized in 50 equations, height or logarithm of height of tree species in 52 equations, and the remainder of 116 equations reported included, in order of decreasing importance, cubic foot growth, basal area, diameter at breast height, and periodic growth as dependent variables (Table 1).

No interaction or curvilinearity was evaluated in 53 of the 116 equations. Curvilinearity was included in at least one independent variable in 61 of the equation. By far and large the most frequently encountered curvilinear effect was the recriprocal of age. Interaction terms were included in only 2 of the 116 equations evaluated.

A summary of equations reporting site index (S_i) or logarithm of site index (Log S_i) as the dependent variable are given in Table 1. In many studies included in Table 1 a larger number of independent variables were measured than are reported. Many variables were eliminated by the authors of the articles due to difficulty to measure or inappropriateness of the particular parameter. More frequently, however, the variable was eliminated because it did not appear to have a significant relationship to the dependent variable based upon a preliminary inspection of a scatter diagram.

Table 1. Site Index (SI) or Logarithm of Site Index (Log SI) As a Dependent Variable

	Number of Curvilinear Variables	Dependent Variable	Number of Independent Variables										
			1	2	3	4	5	6	7	8	9	10	Total
No Curvilinearity No Interaction		SI	11	7	4	2	2	-	1	-	-	1	28
		log SI	-	1	3	3	1	-	-	-	-	-	8
With Curvilinearity	1		-	2	4	1	-	-	-	-	-	-	7
	2		-	-	-	-	1	-	-	-	-	-	1
	3	SI	-	-	-	-	-	2	-	-	-	-	2
	1		-	-	-	1	-	-	-	-	-	-	1
	2	log SI	-	-	1	1	-	-	-	-	-	-	2
With Two-Variable Interaction		SI	-	-	-	-	-	1	-	-	-	-	1
													50

Height as dependent variable is summarized in Table 2, and other dependent variables are listed in Table 3.

Inspection of these summaries of models and of the variables analyzed in each particular study suggest that, for predictive purposes, a more thorough examination of models should be undertaken. Most investigators have relied upon examination of scatter diagrams to determine whether or not to include the particular variable in the analysis. However, it is well known that the effects of any given variable may not be shown clearly in a simple scatter diagram because of interacting or conflicting influences of the other independent variables. Furthermore, it is logical that many site variables have interacting influences on plant growth. The data summarized in Tables 1 through 3 show that most published models do not include interacting effects.

TABULAR SUMMARY OF SITE FACTOR STUDIES

Literature concerning site factor studies is summarized in Table 4 in which the author, number of plots investigated, species concerned, and dependent variable evaluated are given with a listing of independent variables which have been investigated in each particular study. The independent variables are grouped as soil factors, climatic or climatic-related factors, biotic factors, and physiographic or topographic factors. In some instances a single author has grouped a variety of species together in the analyses, but where possible, we have separated individual species and summarized site variables independently. This gives a better estimate of the actual number of plots involved in different studies. The numbers of plots involved have varied from less than 10 in several studies to several hundred in other studies. Areas involved in the sampling may be a given experiment station or portion thereof in some instances to locations in several states in other cases. The majority of the data in Table 4 are for individual tree species productivity-soil relationships. In a few instances data are given on shrub productivity (e.g., Medin) or in a few instances the dependent variable was some measure of vegetation pattern (e.g., Patten).

Table 2. Height (H) and Logarithm of Height (Log H) As a Dependent Variable

	Number of Curvilinear Variables	Dependent Variable	Number of Independent Variables										
			1	2	3	4	5	6	7	8	9	10	Total
No Interaction		H	1	1	-	-	-	-	-	-	-	-	2
No Curvilinearity		log H	2	1	2	1	1	-	1	-	-	1	9
With Curvilinearity	1	H	-	-	-	-	2	-	-	1	-	-	3
	1		-	5	5	5	4	1	-	2	5	2	29
	2	log H	-	2	2	-	-	-	1	-	-	-	5
	3		-	-	-	-	2	-	-	1	-	-	3
	4		-	-	-	-	-	1	-	-	-	-	1
													52

Table 3. Five-Year, Cubic Foot Volume Growth (5 YR), Diameter Breast Height (DBH), Basal Area (BA), and Periodic Radial Growth (PRG) As Dependent Variables

	Number of Curvilinear Variables	Dependent Variable	Number of Independent Variables										
			1	2	3	4	5	6	7	8	9	10	Total
No Interaction No Curvilinearity		5 YR	-	2	1	-	-	-	-	1	-	-	4
		DBH	-	-	-	1	-	-	-	-	-	-	1
		BA	-	-	-	-	-	1	-	-	-	-	1
With Curvilinearity	1		-	-	-	-	-	-	-	1	-	-	1
	2	5YR	-	1	-	-	1	-	-	-	-	-	2
	4		-	-	-	-	-	-	-	1	-	-	1
	1	BA	-	1	-	-	-	-	-	1	-	-	2
	4	PRG	-	-	-	-	-	1	-	-	-	-	1
With Two-Variable Interaction		5 YR	-	-	1	-	-	-	-	-	-	-	1
													14

The ten most frequently utilized variables found in Table 4, are listed as the following in descending order:

Variable	Percentage of Total
Age	34
Distance to ridge or stream	30
Calcium (ppm)	29
Thickness A, B, or C horizon	26
Percent clay	23
Depth of surface soil	23
Elevation	21
Position on slope	20
Precipitation average year or month	19
Organic matter in A and B horizons	19

The number of independent variables used by a single author varies widely with as few as one, and a maximum of 22, utilized in the studies presented in Table 4. The average number of independent variables used in all studies is slightly more than eight.

A summary of the footnotes found in Table 4 follows:

A------A horizon
B------B horizon
C------C horizon
D------A + B + C horizon
E------A2 and B horizon
F------A2 horizon
G------B2 horizon
H------A2 + B2 horizon
I------A + B2 horizon
J------B1 horizon
K------A1 horizon

TABLE 4. TABULAR SUMMARY OF DATA SHOWING RELATIONSHIPS OF SITE FACTORS TO VEGETATION PRODUCTIVITY. DATA ARE GIVEN IN APPENDIX A. AN "X" IN THE BODY OF THE TABLE SPECIFIES THAT DATA ARE AVAILABLE CONCERNING THAT VARIABLE; OTHER LETTERS ARE DESCRIBED IN THE TEXT AND REFER TO SOIL HORIZON(S) FOR WHICH THE DATA APPLY. COLUMNS, FROM LEFT TO RIGHT, REFER TO AUTHOR, NUMBER OF PLOTS, SPECIES OR VEGETATION TYPE, DEPENDENT VARIABLE, AND INDEPENDENT VARIABLES.

AUTHOR	NO. OF PLOTS	SPECIES OR VEGETATION TYPE	DEPENDENT VARIABLE
AIRD PL	070	JAPANESE LARCH	SITE INDEX
ALLEN JC	102	SHORTLEAF PINE	HEIGHT SITE INDEX BASAL AREA
ALLEN JC	118	LOBLOLLY PINE	HEIGHT SITE INDEX BASAL AREA
APPLEQUIST MR	052	SWAMP BLACKGUM	HEIGHT SITE INDEX
APPLEQUIST MR	014	TUPELOGUM	HEIGHT SITE INDEX
AREND JL	086	UPLAND OAKS	SITE INDEX HEIGHT
ATKINSON AF	005	MONTEREY PINE	HEIGHT DBH
AUTEN JT	135	BLACK LOCUST	SITE INDEX
AUTEN JT	120	BLACK WALNUT	SITE INDEX
AUTEN JT	077	YELLOW POPLAR	SITE INDEX HEIGHT
AYYAD	079	PRAIRIE SLOPES	DENSITY FREQUENCY OF SPECIES
BALDWIN HI	063	SPRUCE FIR	DENSITY OF SEEDLINGS
BARNES BL	296	SLASH PINE	HEIGHT SITE INDEX GROWTH
BEAUFAIT WR	183	WILLOW OAK	HEIGHT SITE INDEX
BERG WA	040	PONDEROSA PINE	HEIGHT SITE INDEX BASAL AREA DIAM
CARMEAN WH	139	BLACK OAK	SITE INDEX HEIGHT
CARMEAN WH	165	WHITE OAK	SITE INDEX HEIGHT
CARMEAN WH	113	SCARLET OAK	SITE INDEX HEIGHT
CARMEAN WH	090	CHESTNUT OAK	SITE INDEX HEIGHT
CARMEAN WH	155	DOUGLAS FIR	SITE INDEX HEIGHT
CARMEAN WH	240	OAK	SITE INDEX HEIGHT
CARVELL KL	069	BLACK CHERRY	BASAL AREA GROWTH RATE
CASE JM	335	LOBLOLLY PINE	SITE INDEX
CASE JM	023	LONG LEAF PINE	SITE INDEX
CASE JM	318	SHORT LEAF PINE	SITE INDEX
CASE JM	026	VIRGINIA PINE	SITE INDEX
CASE	175	LOBLOLLY PINE	SITE INDEX
CASE	108	SHORTLEAF PINE	SITE INDEX
CASE	213	LOBLOLLY PINEE	SITE INDEX
CASE	115	SHORTLEAF PINE	SITE INDEX
CASE	051	LONGLEAF PINE	SITE INDEX
CASE	013	SLASH PINE	SITE INDEX
CASE	059	SLASH	SITE INDEX
CASE	129	LONGLEAF	SITE INDEX
CASE	333	LOBLOLLY PINE	SITE INDEX
CASE	114	VIRGINIA PINE	SITE INDEX
CASE	050	WHITE PINE	SITE INDEX
CASE	276	SHORTLEAF PINE	SITE INDEX
CASE	562	LOBLOLLY PINE	SITE INDEX
CASE	354	LONGLEAF PINE	SITE INDEX
CASE	055	SHORTLEAF PINE	SITE INDEX
CASE	014	SLASH PINE	SITE INDEX
CASE	059	POND PINE	SITE INDEX
CASE	290	LOBLOLLY PINE	SITE INDEX
CASE	267	SHORTLEAF PINE	SITE INDEX
CASE	052	LONGLEAF PINE	SITE INDEX
CAYFORD JH	150	WHITE SPRUCE	HEIGHT GROWTH
CHANDLER RF	014	SHORTLEAF PINE	GROWTH SITE INDEX
CHANDLER RF	014	LOBLOLLY PINE	GROWTH SITE INDEX
CHROSCIEWIEZ Z	003	JACK PINE	SITE INDEX
COILE TS	068	SHORTLEAF PINE	SITE INDEX
COILE TS	088	SHORTLEAF PINE	SITE INDEX
COILE TS	073	LOBLOLLY PINE	SITE INDEX
COOLEY JH	103	PAPER BIRCH	SITE INDEX
COOPER WE	035	LOBLOLLY PINE	SITE INDEX
COPELAND OL	038	WESTERN WHITE PINE	SITE INDEX
COX GS	250	PONDEROSA PINE	SITE INDEX HEIGHT DIAMETER
CUMMING KJ	008	DESERT GRASSLAND	YIELD DENSITY COMPOSITION
CUMMING KJ	008	OAK WOODLAND	YIELD DENSITY COMPOSITION
CURTIS RO	004	YELLOW BIRCH	HEIGHT
CURTIS RO	012	WHITE ASH	HEIGHT
CURTIS RO	010	WHITE BIRCH	HEIGHT
CURTIS RO	031	SUGAR MAPLE	HEIGHT
CZAPOWSKYJ M	014	WHITE PINE	HEIGHT
DAHL E	057	SCOTCH PINE	HEIGHT
DAVIS DD	062	BLACK CHERRY	HEIGHT GROWTH
DELLA-BIANCA L	267	POPLAR SHORTLE PINE	HEIGHT
DELLA-BIANCA L	195	OAKS	HEIGHT
DICKENSON JE	030	SLASH PINE	HEIGHT GROWTH
DINGLE RW	028	SHORTLEAF PINE	HEIGHT GROWTH
DOOLITTLE WT	110	SCARLET OAK BL OAK	SITE INDEX
DUFFY PJB	108	LODGEPOLE PINE	HEIGHT DIAMETER BASAL AREA
FORBISTALL F	005	DOUGLAS FIR	SITE CLASS HEIGHT
FORBISTALL F	005	RED ALDER	SITE CLASS HEIGHT
FORBISTALL F	005	WEST RED CED	SITE CLASS HEIGHT
FOSTER RW	172	WHITE PINE	SITE INDEX
GAHAN	070	WHITE+RED OAK	HEIGHT
GAISER RN	202	LOBLOLLY PINE	SITE INDEX HEIGHT
GESSEL SP	186	DOUGLAS FIR	SITE INDEX
GILMORE	061	SHORTLEAF PINE	GROWTH YIELD
GILMORE	051	LOBLOLLY PINE	GROWTH YIELD

TABLE 4. (CONTINUED)

OGGANS JF	113 LORLOLLY PINE	HEIGHT	
OGGANS JF	113 SLASH PINE	HEIGHT	
OGGANS JF	069 SLASH PINE	HEIGHT	
OGGANS JF	044 LORLOLLY PINE	HEIGHT	
OGGANS JF	040 LONGLEAF PINE	HEIGHT	
ORDON AG	031 ASH	SITE INDEX GROWTH HEIGHT DBH	
RIFFITH BG	088 DOUGLAS FIR	SITE INDEX GROWTH	
ARMS WR	002 SLASH PINE	DIAMETER GROWTH	
FBR FA	064 SOUTHERN RED OAK	SITE INDEX	
FBR FA	054 WHITE OAK	SITE INDEX	
FBR FA	031 TULIP POPLAR	SITE INDEX	
FBR FA	070 SWEET GUM	SITE INDEX	
FBR FA	021 CHERRY BARK OAK	SITE INDEX	
ILL WW	148 DOUGLAS FIR	SITE INDEX	
OLMES JRB	077 LODGEPOLE PINE	HEIGHT GROWTH	
OLTRY	040 PONDEROSA PINE	SITE INDEX	
ISCH R	073 WHITE PINE	HEIGHT BASAL AREA	
ISCH B	080 WHITE PINE	HEIGHT GROWTH	
KE AF	018 NORTHERN RED OAK	SITE INDEX HEIGHT	
KE AF	057 YELLOW POPLAR	SITE INDEX HEIGHT	
KE AF	023 PITCH PINE	SITE INDEX HEIGHT	
KE AF	050 WHITE OAK	HEIGHT	
KE AF	043 BLACK OAK	SITE INDEX HEIGHT	
KE AF	045 SCARLET OAK	SITE INDEX HEIGHT	
KE AF	025 CHESTNUT OAK	SITE INDEX HEIGHT	
KE AF	041 WHITE PINE	HEIGHT	
KE AF	050 SHORTLEAF PINE	HEIGHT	
KE AF	037 VIRGINIA PINE	HEIGHT	
ACKSON DS	093 SLASH PINE	HEIGHT SUMMERWOOD PERCENTAGE	
AMESON JS	023 JACK PINE	HEIGHT GROWTH	
ORMANIK P	061 SHORTLEAF PINE	SITE INDEX	
ORMANIK P	059 VIRGINIA PINE	SITE INDEX	
ORMANIK P	044 LORLOLLY PINE	SITE INDEX	
IERAL	014 MCKEE HYBRID POPLAR	HEIGHT GROWTH	
EMMON PF	078 DOUGLAS FIR	HEIGHT PRODUCTIVITY	
INNARTZ NF	109 LORLOLLY PINE	SITE INDEX HEIGHT	
INNARTZ NF	058 LONGLEAF PINE	SITE INDEX HEIGHT	
INNARTZ NF	042 SLASH PINE	SITE INDEX HEIGHT	
OCKE SS	060 UPLAND OAK	GROWTH YIELD	
INT HA	074 OAKS	HEIGHT DBH	
ADER DL	047 RED PINE	GROWTH HEIGHT DIAMETER	
OLCURKIN DC	045 WHITE OAK	SITE INDEX HEIGHT	
OOMA AL	125 OAK	SITE INDEX HEIGHT DBH	
ODIN DE	126 MOUNTAIN MOHOGANY	ANNUAL PRODUCTION	
EYSO D	036 ASPEN	SITE INDEX	
ILLER FW	108 LORLOLLY PINE	SITE INDEX	
ASH AJ	003 SHORTLEAF PINE	SITE INDEX	
TSHIZAWA M	92 LARIX	SITE INDEX	
ATTEN DT	026 LODGEPOLE PINE	VEGETATIONAL PATTERN	
ATTEN DT	067 LODGEPOLESPRUCEFIR	VEGETATIONAL PATTERN	
ATTEN DT	024 SPRUCE FIR	VEGETATIONAL PATTERN	
ATTEN DT	019 DOUGLAS FIR	VEGETATIONAL PATTERN	
ATTEN DT	004 LIMBER WH BARK PINE	VEGETATIONAL PATTERN	
ATTEN DT	015 GRASSLAND	VEGETATIONAL PATTERN	
ATTEN DT	031 SAGEBRUSH	VEGETATIONAL PATTERN	
AWLINKS HF	018 JACK PINE	SITE INDEX	
HILLIPS JJ	025 SWEET GUM	SITE INDEX	
HILLIPS JJ	044 YELLOW POPLAR	SITE INDEX	
IAM AN	500 DOUGLAS FIR	SITE INDEX HEIGHT	
IAM AN	025 WESTERN HEMLOCK	SITE INDEX HEIGHT	
IAM AN	004 RED ALDER	SITE INDEX HEIGHT	
W C	127 SLASH PINE	SITE INDEX	
ALLEY GW	110 OAKS	SITE INDEX	
OECKLER J	030 QUAKING ASPEN	SITE INDEX	
ARRENT RF	005 DOUGLAS FIR	SITE INDEX	
IMBLE GR	070 UPLAND OAKS	SITE INDEX	
IMBLE GR	063 OAK	SITE INDEX	
YON CP	036 YELLOW POPLAR	HEIGHT GROWTH	
IGT	014 QUAKING ASPEN	GROWTH	
LKER N	041 WESTERN CATALPA	HEIGHT DIAMETER	
RING RH	029 CALIF COAST REDWOOD		
ITE DP	002 RED PINE	GROWTH	
N ECK WA	027 RED PINE	HEIGHT	
NNEY HW	022 OAK	SITE INDEX	
UNG HF	014 WHITE PINE	SITE INDEX	
UNGBERG CT	072 MIXED OAK	SITE INDEX GROWTH RATE	
HNER R	207 LORLOLLY PINE	SITE INDEX HEIGHT	
NKE PJ	841 PONDEROSA PINE	SITE INDEX	
NKE PJ	841 DOUGLAS FIR	SITE INDEX	

DATA SUMMARIZATION

Individual plot data were sought from agencies, investigators, and universities for relating site factors to various indirect measures of vegetation productivity. In many instances the original data are no longer available. Many data were discarded after analyses. In other instances the original data are not available because the investigator is still planning on making analyses or is using the data in his professional work. Data which were available and which were decodable have been summarized and tabulated for subsequent analyses.

These data are appended and referenced by published papers, and in some instances, by different tree species. Preliminary summarization is made of these data to give the mean, maximum, minimum, and coefficient of variation for each of the variables. In some instances we have tabulated more data than was utilized or reported in the final analyses by the individual investigators. For description of the method of measurement or presentation of the different variables one should refer to the original articles noted herein.

The data are presented at this stage for preliminary checking and examination by the contributors, for subsequent analyses, and for preliminary coding prior to summarizing the data on a dimensionless basis for subsequent analyses.

LITERATURE ON SITE FACTOR STUDIES

For purposes of this report, literature concerning site factor studies is divided into two categories--primary references and secondary references. Primary references are those relating to the citations in Table 4. Secondary references include studies not summarized in Table 4, but those studies related in entirety or in part to the problem of the site factor relationships to vegetation productivity.

Especially for the second category, the listing appended herein can only be considered a preliminary bibliography. There is a diverse literature concerning relationships of site factors to productivity and this literature is scattered through a wide variety of experiment station reports and bulletins, scientific journal articles, and, in some instances, unpublished files of investigators.

The literature cited section refers only to specific references mentioned in the text of this report.

SUMMARY

This report summarizes models, data, and references concerning the influence of site factors on indirect measures of vegetation productivity. The information presented herein is a necessary first step in a comprehensive modeling and analysis of the subject. Study of the data and models as reported herein has suggested several interesting lines of investigation upon which to proceed.

A first step in examining mathematical models will be to re-analyze the data as presented by the individual investigators as a check on accuracy of our summarization of data. Furthermore, it will now be possible in many instances to include a greater variety of independent variables in the analyses due to the availability of large, high-speed digital computers. Additionally, many realistically important interaction terms now may be included in the analyses. Stepwise regression, with logical choice of the independent variables, will be utilized as a means of screening independent variables for analyses.

A second major step in the analyses will be to convert the data to a dimensionless or relative scale within each study. For example, it will be possible to represent the data for each individual plot for each variable as a precentage of the mean value for that variable. By this manner, we can eliminate the wide extremes of actual values of such independent variables as elevation, soil depths, and so forth and organize the data in a manner for comparative analyses.

Different sets of data can be grouped for comparative analyses to determine the relative importance of different site factors on the measures of vegetation productivity. Subdivision will be made by species or by regional areas where there are large amounts of data available. The original plot data are being placed on magnetic tape for subsequent recall and analyses.

Further search is being made of the literature concerning site factor influences on productivity with emphasis on coding references according to various subtopics or independent and dependent variables, species, and regional localities.

LITERATURE CITED

Ayres, R. U. 1963. Special aspects of environment resulting from kinds of nuclear wars. Hudson Institute Inc., multilith, 238 pp.

_____. 1964a. Special aspects of environment resulting from various kinds of nuclear wars: Part II. The use of scenarios for evaluating postattack disutilities. Hudson Institute Inc., multilith, 106 pp.

_____. 1964b. Special aspects of environment resulting from various kinds of nuclear wars: Part II, Annex III. Application of input-output analysis to a homeostatic ecosystem. Hudson Institute Inc., multilith, 26 pp.

_____. 1964c. Special aspects of environment resulting from various kinds of nuclear wars: Part II, Annex IV. Effects of thermonuclear war on weather and climate. Hudson Institute Inc., multilith, 27 pp.

Callahan, E. D., L. Rosenblum, J. D. Kaplan, and D. R. Batten. 1960. The probable fallout threat over the continental United States. Technical Operations Inc., Report No. TO-B60-13., multilith, 198 pp. (Prepared for Office of Civil and Defense Mobilization. Contract No. CDM-SR-59-33).

Chandler, C. C., T. G. Storey, and C. D. Tangren. 1963. Prediction of fire spread following nuclear explosions. Pacific Southwest For. and Rng. Exp. Sta. Res. Pap. 5.

Ingersoll, J. M. 1964. Special aspects of environment resulting from various kinds of nuclear wars: Part II, Appendix 1 and 2. Historical examples of ecological disaster (II). Hudson Institute Inc., multilith, 30 pp.

Lord, R. D. 1963a. Description of a natural ecosystem for prediction of consequences of a nuclear war. TAB Preliminary Working Memorandum No. 5. Multilith 45 pp. (Appendix 1, A mathematical model for estimating cycles in animal propulations by A. R. Vincent, 1964, multilith 11 pp.; Appendix 2, Life histories (Hamilton, 1943) of mammals in Tables 1 through 23 by R. D. Lord 1964, multilith 23 pp.)

_____. 1963b. Postattack problems with nondomestic mammals. TAB Preliminary Working Memorandum No. 6. Multilith 15 pp.

_____. 1964a. The recovery of disturbed ecosystems. TAB Preliminary Working Memorandum No. 7. Multilith 4 pp.

_____. 1964b. A literature review of the postattack biological aspects of fire, soil, and water. TAB Preliminary Working Memorandum No. 9. Multilith 8 pp.

Miller, C. F. (chairman, et al.) 1964. Project Harbor--Report of Panel on Postattack Recovery Program. Nat. Acad. Sci., Nat. Res. Coun. multilith 213 pp.

Mitchell, H. H. 1960. Ecological problems and postwar recuperation: An addendum to the civil defense study. The Rand Corporation (US Air Force Project RAND). Processed 35 pp.

Nicholson, K. J. 1964. A selected bibliography on food and agriculture with reference to the postattack environment. TAB Preliminary Working Memorandum No. 13. Multilith 15 pp.

Spurr, S. H. 1964. Forest ecology. Ronald Press, Inc., New York. 352 pp.

Winter, S. G., Jr. 1963. Economic viability after thermonuclear war: the limits of feasible production. Rand Corporation Memorandum RM-3436-PR. Multilith 221 pp.

APPENDIX A

ALLEN, J.C.
LOBLOLLY PINE
1960 NORTHWEST ALABAMA

SI = SITE INDEX
HT = AVERAGE HEIGHT
SDS = SOIL DEPTH, SURFACE
SIS = PERCENT SILT OF SURFACE
SAB = PERCENT SAND OF SUBSOIL
CLB = PERCENT CLAY OF SUBSOIL
BA = BASAL AREA
AGE = AVERAGE AGE
SDA = SOIL DEPTH OF A HORIZON
SAS = PERCENT SAND OF SURFACE
CLS = PERCENT CLAY OF SURFACE
SIB = PERCENT SILT OF SUBSOIL
SL = PERCENT SLOPE
DAG = DATA GROUP

	SI	AGE	HT	SDA	SDS	SAS	SIS	CLS	SAB	SIB	CLB	SL	BA	DAG
101	41	38	43	0	3	38.5	42.5	19.0	32.5	35.0	32.5	8	80	1
103	71	46	82	1	5	56.5	28.5	15.0	47.0	20.0	33.0	7	130	1
105	56	29	49	0	2	62.0	29.0	9.0	39.5	34.5	26.0	8	120	1
108	77	26	43	3	7	42.0	34.0	24.0	45.0	28.5	26.5	0	100	1
111	68	24	51	0	9	61.5	24.5	14.0	62.0	14.0	24.0	17	140	1
112	59	24	45	0	7	61.5	21.0	17.5	48.5	21.5	30.0	21	100	1
113	61	35	61	2	16	68.5	20.0	11.5	60.0	13.0	27.0	19	160	1
114	58	36	59	1	10	49.0	35.5	15.5	39.5	30.5	30.0	7	100	1
116	63	28	54	1	3	59.5	29.0	11.5	41.5	25.5	33.0	6	-0	1
117	72	31	66	0	1	61.0	29.0	10.0	52.0	22.5	25.5	4	80	1
118	57	32	55	1	3	61.0	27.0	12.0	49.5	20.0	30.5	6	110	1
119	63	35	63	1	3	55.5	30.5	14.0	43.5	20.0	36.5	10	120	1
120	65	21	43	0	10	68.0	20.5	11.5	53.0	17.5	29.5	3	70	1
203	70	26	57	1	6	22.0	57.5	20.5	24.5	46.5	29.0	2	150	1
204	86	43	96	2	12	31.5	45.0	23.5	36.0	36.0	28.0	1	180	1
205	52	23	38	1	6	42.0	34.0	24.0	32.5	37.5	30.0	15	75	1
208	82	44	92	3	10	54.0	26.0	20.0	68.0	3.5	28.0	15	170	1
209	67	36	68	2	14	42.0	39.0	19.0	35.5	35.0	29.5	20	130	1
301	57	40	62	2	12	65.0	22.0	13.0	49.5	26.5	24.0	7	100	1
303	61	34	60	3	10	58.0	24.0	18.0	19.0	25.0	56.0	10	90	1
304	69	40	75	3	22	50.5	36.5	13.0	42.5	32.0	25.5	0	90	1
305	71	30	64	0	3	34.0	43.0	23.0	24.5	50.0	25.5	1	120	1
306	57	26	44	0	4	49.0	33.0	18.0	32.0	40.0	28.0	13	140	1
307	55	30	50	0	8	69.0	15.0	16.0	36.5	34.0	29.5	7	90	1
309	57	33	55	0	6	50.0	33.5	16.5	44.0	35.5	20.5	16	150	1
310	56	27	47	0	5	57.0	28.5	14.5	45.0	33.5	21.5	3	130	1
312	68	40	74	2	14	59.5	24.5	16.0	43.5	13.0	43.5	2	190	1
314	64	24	48	1	4	55.5	29.5	15.0	54.0	27.5	18.5	24	70	1
315	55	31	51	1	9	38.0	43.5	18.5	30.5	36.0	33.5	11	100	1
316	59	26	48	0	4	60.0	25.0	15.0	51.0	21.5	27.5	5	80	1
318	60	24	45	0	7	62.0	24.5	13.5	47.5	26.5	26.0	7	70	1
323	69	26	56	2	12	50.0	32.5	17.5	38.0	35.5	26.5	10	110	1
324	47	22	33	0	6	53.5	28.0	18.5	42.5	29.5	28.0	2	90	1
402	65	23	47	0	5	44.0	40.0	16.0	28.5	40.0	31.5	3	160	1
410	52	24	39	0	1	32.0	47.0	21.0	20.0	48.0	32.0	3	90	1
415	62	32	59	0	2	28.0	46.0	26.0	15.0	41.0	44.0	12	100	1
417	87	26	71	0	13	42.0	41.0	17.0	43.5	36.5	20.0	1	190	1
426	67	38	71	0	3	25.0	51.0	24.0	14.0	48.0	38.0	12	90	1
501	60	24	46	0	1	39.5	47.0	13.5	23.0	50.0	27.0	12	160	1
503	41	38	43	0	1	33.5	45.0	21.5	34.0	35.0	31.0	9	90	1
511	64	25	50	0	5	25.5	55.0	19.5	16.0	53.0	31.0	23	-0	1
512	61	30	55	0	2	35.0	45.5	19.5	24.0	46.5	29.5	4	160	1
513	54	36	55	0	2	45.0	37.0	18.0	29.5	39.0	31.5	9	140	1
515	45	33	43	0	4	52.5	35.5	12.0	45.0	33.5	21.5	8	100	1
525	51	42	56	1	6	31.5	39.5	29.0	30.5	22.5	47.0	5	50	1
527	66	34	65	0	4	22.0	47.0	31.0	14.5	44.0	41.5	4	70	1
603	52	27	43	1	10	37.5	47.0	15.5	26.0	40.0	34.0	3	70	1
604	50	27	42	1	10	41.5	43.5	15.0	25.0	34.5	40.5	9	110	1
606	60	22	42	0	7	35.0	48.0	17.0	19.5	41.0	39.5	9	170	1
607	63	23	46	0	5	60.0	29.5	10.5	38.0	24.5	37.5	11	150	1
617	71	23	52	1	6	34.5	45.5	20.0	28.5	44.0	27.5	6	150	1
621	59	28	51	0	4	27.0	49.0	24.0	22.0	48.0	30.0	5	-0	1
701	78	19	42	0	5	62.0	26.0	12.0	43.0	27.0	30.0	16	110	1
702	56	31	52	0	6	66.5	23.0	10.5	54.0	20.5	25.5	8	90	1
705	79	33	76	1	8	65.0	22.0	13.0	57.0	11.5	31.5	8	140	1
708	59	34	58	0	1	41.5	38.0	20.5	36.0	35.5	28.5	7	190	1
709	88	26	72	0	7	53.0	32.5	14.5	50.0	26.5	23.5	0	90	1
710	59	22	41	0	1	51.5	35.5	13.0	49.5	26.0	24.5	14	100	1
711	70	27	58	0	1	46.0	43.0	11.0	31.0	40.5	28.5	2	170	1
714	66	19	39	0	1	50.0	30.0	20.0	49.0	17.5	33.5	0	200	1
715	55	34	54	0	2	32.0	52.0	16.0	31.0	33.5	35.5	8	100	1
718	65	20	61	0	3	48.0	36.0	16.0	36.0	36.0	28.0	20	70	1
719	81	24	66	0	4	24.0	58.5	17.5	37.0	36.0	27.0	4	170	1
721	58	23	42	0	1	50.0	36.5	13.5	46.0	31.5	22.5	5	150	1
722	70	32	66	0	2	61.5	27.0	11.5	57.0	12.0	31.0	25	200	1
725	48	40	52	0	1	45.5	43.5	11.0	29.0	37.5	33.5	5	110	1
801	56	42	62	2	11	41.0	41.0	18.0	31.5	38.5	30.0	8	70	1
803	67	22	47	1	12	42.0	40.5	17.5	33.0	34.0	33.0	15	80	1
806	57	23	41	1	13	64.0	24.0	12.0	48.5	21.0	30.5	15	150	1
807	51	25	40	0	7	24.0	57.0	19.0	24.0	31.0	45.0	2	130	1
808	78	37	80	2	12	47.0	34.0	19.0	42.0	32.0	26.0	12	150	1
809	74	44	84	2	12	58.0	28.5	13.5	44.0	25.0	31.0	12	150	1

A11	65	23	47	0	6	48.5	37.5	14.0	34.0	27.0	39.0	10	140	1
A12	62	25	49	1	14	67.5	19.5	13.0	50.0	19.5	30.5	5	170	1
A13	52	26	42	1	6	56.0	29.0	15.0	50.0	22.5	27.5	8	140	1
A14	67	40	72	1	6	26.0	43.0	31.0	24.0	20.5	55.5	2	110	1
A15	57	55	72	2	6	25.0	48.5	26.5	23.5	33.5	43.0	0	160	1
A16	71	54	88	2	8	33.5	50.0	16.5	30.0	46.0	24.0	1	165	1
A17	60	24	45	2	9	42.0	43.0	15.0	41.0	36.0	24.0	1	170	1
A18	62	22	43	0	3	43.0	35.5	21.5	31.0	35.5	33.5	6	160	1
A19	58	21	38	0	6	58.5	27.5	14.0	39.5	31.0	29.5	8	170	1
A20	57	28	49	0	5	35.0	41.0	24.0	24.0	42.5	33.5	6	150	1
A21	69	26	56	0	3	30.5	39.5	30.0	31.0	18.5	50.5	8	170	1
A22	68	26	55	1	12	68.5	17.5	14.0	50.5	22.5	27.0	26	160	1
A23	59	21	39	0	5	40.5	42.0	17.5	27.0	40.0	33.0	5	165	1
A24	56	25	44	1	4	38.5	40.0	21.5	27.0	29.0	44.0	5	150	1
A25	56	25	44	1	7	45.5	37.5	17.0	52.5	16.0	31.5	10	160	1
901	61	30	55	0	4	37.5	43.5	19.0	31.0	36.5	32.5	14	160	1
902	66	25	52	1	7	68.5	20.5	11.0	51.5	23.5	25.0	10	120	1
903	69	25	54	3	12	35.0	47.0	18.0	30.5	40.0	29.5	10	150	1
904	62	25	49	1	10	63.5	26.0	10.5	46.5	29.0	24.5	13	130	1
905	85	28	73	4	18	71.5	18.5	10.0	68.5	17.5	14.0	15	110	1
906	67	54	83	4	17	74.5	16.0	9.5	59.0	10.0	31.0	12	150	1
908	53	37	55	2	9	59.0	24.0	17.0	49.5	24.5	26.0	23	130	1
910	56	26	45	0	6	49.0	35.0	16.0	37.5	31.0	31.5	20	120	1
911	59	32	56	0	4	42.5	42.5	15.0	29.5	43.5	27.0	4	120	1
912	70	27	58	2	8	45.0	39.0	16.0	41.5	32.5	26.0	10	120	1
914	57	23	41	0	4	60.5	22.5	17.0	26.0	31.0	43.0	20	180	1
915	60	33	58	1	7	33.0	44.0	23.0	18.0	43.0	39.0	8	130	1
916	59	37	61	1	6	63.5	26.0	10.5	51.0	23.0	26.0	10	160	1
917	53	59	68	0	4	53.0	33.5	13.5	38.0	30.0	32.0	4	70	1
918	73	24	55	3	13	51.5	33.0	15.5	41.0	37.5	21.5	8	170	1
919	69	24	52	0	5	53.5	27.5	19.0	45.0	27.5	27.5	6	90	1
920	60	30	54	2	13	75.0	14.5	10.5	47.0	22.0	31.0	15	130	1
921	59	26	48	6	9	68.5	21.0	10.5	42.5	26.0	31.5	10	170	1
922	68	43	77	3	24	42.5	37.0	20.5	38.5	34.0	27.5	4	200	1
923	58	23	42	0	6	54.5	29.0	16.5	39.5	32.0	28.5	18	80	1
924	67	31	62	3	13	44.5	36.0	19.5	35.5	35.5	29.0	6	120	1
925	58	31	54	1	11	76.0	16.0	8.0	58.0	15.5	26.5	9	110	1
104	75	36	76	2	-0	64.0	24.0	12.0	57.0	26.0	17.0	0	170	3
106	62	28	53	0	-0	37.5	36.5	26.0	51.5	28.5	20.0	4	90	3
115	62	41	67	0	-0	61.5	16.0	22.5	76.0	6.0	18.0	5	80	3
302	50	22	35	2	-0	80.0	10.0	10.0	0.	0.	0.	12	90	3
319	53	29	47	0	-0	24.0	40.5	35.5	28.5	39.5	32.0	8	120	3
810	57	23	41	1	-0	51.0	29.5	19.5	41.5	27.0	31.0	10	170	3
907	76	54	94	4	-0	79.5	12.0	8.5	58.0	23.0	19.0	4	170	3
913	86	21	57	0	-0	73.0	15.5	11.5	64.5	20.5	15.0	1	90	3
AVG	63	30	55	2	7	49.2	33.9	16.8	39.4	30.4	30.2	9	128	1
CVR	15	28	24	58	65	29.0	31.7	31.1	32.3	33.2	24.3	65	29	45
MAX	88	59	96	6	24	80.0	58.5	35.5	76.0	53.0	56.0	26	200	3
MIN	41	19	33	1	1	22.0	10.0	8.0	14.0	3.5	14.0	1	50	1
TOT	117	117	117	57	109	117.0	117.0	117.0	116.0	116.0	116.0	111	114	117

ALLEN, J.C.
SHORTLEAF PINE
1960 NORTHWEST ALABAMA

SI = SITE INDEX
HT = AVERAGE HEIGHT
SDS = SOIL DEPTH, SURFACE
SIS = PERCENT SILT OF SURFACE
SAB = PERCENT SAND OF SUBSOIL
CLB = PERCENT CLAY OF SUBSOIL
BA = BASAL AREA
AGE = AVERAGE AGE
SDA = SOIL DEPTH OF A HORIZON
SAS = PERCENT SAND OF SURFACE
CLS = PERCENT CLAY OF SURFACE
SIB = PERCENT SILT OF SUBSOIL
SL = PERCENT SLOPE
DAG = DATA GROUP

	SI	AGE	HT	SDA	SDS	SAS	SIS	CLS	SAB	SIB	CLB	SL	BA	DAG
101	39	36	40	0	3	38.5	42.5	19.0	32.5	35.0	32.5	8	80	2
102	54	45	61	2	10	52.5	33.5	14.0	58.5	7.5	34.0	10	160	2
107	55	47	63	2	7	46.0	36.5	17.5	40.5	33.0	26.5	18	80	2
109	60	47	68	0	1	53.0	33.0	14.0	39.5	34.0	26.5	8	110	2
110	52	34	51	1	7	33.5	49.0	17.5	33.5	38.5	28.0	2	120	2
113	52	35	52	2	6	68.5	20.0	11.5	60.0	13.0	27.0	19	160	2
118	55	33	53	1	3	61.0	27.0	12.0	49.5	20.0	30.5	6	110	2
121	54	47	61	1	8	40.5	46.5	13.0	30.0	41.0	29.0	5	150	2
201	49	41	53	4	11	30.0	46.0	24.0	25.0	45.0	30.0	5	130	2
202	48	45	54	4	9	48.0	36.0	16.0	43.0	36.0	21.0	15	120	2
206	59	49	69	6	21	70.0	18.5	11.5	59.5	10.5	30.0	20	110	2
207	54	52	64	2	18	69.5	19.0	11.5	60.5	14.5	25.0	20	135	2
210	51	57	62	3	18	72.0	15.0	13.0	50.0	4.5	45.5	10	130	2
308	45	24	36	0	20	38.0	35.0	27.0	40.5	36.5	23.0	9	100	2
309	48	37	50	0	6	50.0	33.5	16.5	44.0	35.5	20.5	16	150	2
311	51	24	40	0	9	57.0	31.0	12.0	41.5	26.5	32.0	3	90	2
313	40	28	35	2	9	55.5	27.5	17.0	35.5	17.5	47.0	8	90	2
315	52	30	48	1	9	38.0	43.5	18.5	30.5	36.0	33.5	11	100	2
320	48	25	39	0	5	48.5	33.5	18.0	23.5	29.5	47.0	6	120	2
321	57	27	49	0	1	75.0	13.0	12.0	62.0	12.0	26.0	8	100	2
322	46	26	39	0	5	55.0	29.5	15.5	34.5	32.5	33.0	3	140	2
401	53	50	62	0	1	17.0	56.0	27.0	17.0	52.0	31.0	6	140	2
404	47	41	51	0	1	49.0	38.0	13.0	29.0	51.5	19.5	29	110	2
405	57	29	50	0	3	43.0	39.0	18.0	35.0	42.0	23.0	5	110	2
406	46	44	52	1	6	27.0	54.5	18.5	17.5	44.5	38.0	13	110	2
407	40	27	34	2	8	42.0	41.0	17.0	30.0	39.0	31.0	7	70	2
408	57	23	44	1	8	44.0	36.0	20.0	28.5	41.0	30.5	7	130	2
409	62	38	64	1	3	41.0	42.5	16.5	24.0	46.0	30.0	10	120	2
411	47	49	54	0	2	44.0	37.0	19.0	26.0	41.5	32.5	6	120	2
412	47	27	40	0	6	35.5	43.5	21.0	33.0	37.5	29.5	6	90	2
413	68	46	77	1	8	22.0	55.5	22.5	21.5	45.0	33.5	8	120	2
414	60	38	62	2	8	34.5	46.0	19.5	25.0	44.0	31.0	7	170	2
416	55	46	62	2	10	35.5	49.5	15.0	27.0	51.5	21.5	12	90	2
418	45	27	39	1	6	28.5	55.5	16.0	23.0	42.0	35.0	5	90	2
419	62	47	70	1	9	20.0	61.0	19.0	11.0	57.0	32.0	13	130	2
420	59	25	48	1	6	48.0	36.0	16.0	59.0	26.0	15.0	6	160	2
421	47	31	44	0	3	33.0	42.5	24.5	20.5	50.0	29.5	9	70	2
422	50	25	41	0	3	23.5	55.5	21.0	17.0	50.5	32.5	5	130	2
423	50	24	47	0	1	49.0	30.0	21.0	42.5	27.0	30.5	6	100	2
424	48	24	38	0	5	27.5	46.0	26.5	31.0	38.5	30.5	9	100	2
425	53	22	39	0	3	26.0	53.0	21.0	14.0	49.5	36.5	12	130	2
426	60	37	62	0	3	25.0	51.0	24.0	14.0	48.0	38.0	12	90	2
502	50	55	60	2	15	50.0	32.5	17.5	33.5	27.0	39.5	18	100	2
503	43	37	44	0	1	33.5	45.0	21.5	34.0	35.0	31.0	9	70	2
504	57	40	61	2	6	37.0	46.5	16.5	31.5	41.5	27.0	3	100	2
505	52	35	52	1	3	33.5	53.0	13.5	27.0	48.0	25.0	14	80	2
506	53	36	54	3	8	27.5	54.0	18.5	28.0	36.5	35.5	2	80	2
507	56	34	55	1	2	35.5	40.0	24.5	28.0	36.5	35.5	15	90	2
508	48	31	44	0	5	29.5	55.0	15.5	21.5	46.0	32.5	5	120	2
509	41	32	39	1	4	42.0	43.0	15.0	27.0	35.5	37.5	2	120	2
510	48	29	43	2	7	42.5	43.5	14.0	37.0	42.0	21.0	16	80	2
514	63	50	73	2	12	36.5	47.5	16.0	28.0	40.5	31.5	8	100	2
515	43	37	43	0	4	52.5	35.5	12.0	45.0	33.5	21.5	8	100	2
516	40	51	47	1	5	48.0	37.0	15.0	31.0	33.5	35.5	5	80	2
517	49	25	41	1	6	38.0	44.5	17.5	32.5	42.0	25.5	10	100	2
518	57	50	66	1	3	23.0	47.0	30.0	12.0	48.5	39.5	13	140	2
519	55	32	52	1	4	52.5	31.0	16.5	39.0	33.0	28.0	14	170	2
520	50	40	53	2	8	44.5	39.5	16.0	30.5	37.5	32.0	4	110	2
521	50	43	59	1	8	26.0	56.0	18.0	21.0	53.5	25.5	14	100	2
522	40	38	42	1	4	52.5	32.5	15.0	47.0	33.5	19.5	18	110	2
523	41	39	43	2	9	37.5	43.5	19.0	23.5	37.5	39.0	11	120	2
524	48	42	51	1	13	44.0	39.0	17.0	38.0	28.0	34.0	3	70	2
526	58	53	69	2	5	36.0	45.0	19.0	17.0	43.5	39.5	8	80	2
527	62	36	63	0	4	22.0	47.0	31.0	14.5	44.0	41.5	4	70	2
601	55	49	63	2	12	55.0	30.5	14.5	36.0	11.0	53.0	11	110	2
602	37	41	40	1	5	45.5	39.5	15.0	37.0	11.0	52.0	3	90	2
608	49	36	50	0	6	19.5	62.5	18.0	12.0	51.0	37.0	10	130	2
609	54	36	54	0	6	24.5	53.5	22.0	19.0	48.5	32.5	8	90	2
610	50	28	44	0	5	29.5	50.5	20.0	26.0	45.5	28.5	4	150	2
611	48	42	52	1	5	29.5	53.5	17.0	21.5	45.0	33.5	1	130	2
612	47	51	55	2	9	41.0	42.0	17.0	25.5	33.5	41.0	3	150	2
613	37	44	41	1	12	68.0	19.0	13.0	59.0	11.5	29.5	2	90	2

614	49	38	51	1	10	38.0	45.0	17.0	28.0	40.0	32.0	4	90	2
615	54	49	56	1	6	38.0	48.0	14.0	26.0	42.5	31.5	5	110	2
616	52	33	50	0	3	34.0	53.5	12.5	17.0	50.5	32.5	6	100	2
618	55	28	48	0	5	24.0	55.5	20.5	21.0	47.0	32.0	3	100	2
619	49	28	43	0	4	48.0	35.0	17.0	29.0	37.0	34.0	2	80	2
620	62	28	54	1	4	19.5	62.0	18.5	14.0	52.5	33.5	6	130	2
701	57	20	39	0	5	62.0	26.0	12.0	43.0	27.0	30.0	16	110	2
703	62	38	64	1	13	48.0	37.0	15.0	36.0	35.0	29.0	10	110	2
704	58	37	59	2	10	56.5	29.5	14.0	56.0	24.5	19.5	6	110	2
706	56	50	65	1	4	71.0	14.5	14.5	75.0	8.0	17.0	14	190	2
707	54	43	48	1	4	74.0	16.0	10.0	53.0	15.5	31.5	18	150	2
710	55	22	42	0	1	51.5	35.5	13.0	49.5	26.0	24.5	14	100	2
712	53	43	58	0	2	54.5	33.0	12.5	32.0	39.0	29.0	4	130	2
713	50	31	47	0	1	48.5	41.5	10.0	49.0	26.0	25.0	10	140	2
716	51	45	57	0	4	31.0	55.5	13.5	31.5	40.0	28.5	5	120	2
717	57	28	50	0	1	32.5	51.5	16.0	26.5	43.0	30.5	11	100	2
720	48	57	59	1	5	66.0	25.0	9.0	51.0	20.5	28.5	14	90	2
722	61	33	59	0	2	61.5	27.0	11.5	57.0	12.0	31.0	25	200	2
723	52	35	52	1	5	36.5	49.5	14.0	42.0	30.5	27.5	10	90	2
724	45	39	49	0	1	59.0	30.5	10.5	43.0	17.0	40.0	18	100	2
725	36	40	38	0	1	45.5	43.5	11.0	29.0	37.5	33.5	5	110	2
803	54	23	40	1	12	42.0	40.5	17.5	33.0	34.0	33.0	15	80	2
804	44	34	44	2	12	43.0	42.0	15.0	25.0	43.5	31.5	8	80	2
805	46	32	44	2	14	69.5	21.0	9.5	42.0	23.5	34.5	10	140	2
909	42	36	43	0	3	62.0	27.0	11.0	41.5	28.5	30.0	11	90	2
910	46	26	39	0	6	49.0	35.0	16.0	37.5	31.0	31.5	20	120	2
106	56	27	48	0	-0	37.5	36.5	26.0	51.5	28.5	20.0	4	90	4
115	50	60	62	0	-0	59.5	29.0	11.5	76.0	6.0	18.0	5	80	4
319	46	28	41	0	-0	24.0	40.5	35.5	28.5	39.5	32.0	8	120	4
902	38	35	38	2	-0	23.0	54.5	22.5	21.5	50.5	28.0	2	70	4
AVG	51	37	51	2	6	42.9	40.1	17.0	34.2	34.8	31.0	9	111	2
CVR	13	25	19	58	68	33.3	28.5	28.6	40.7	36.0	22.1	60	24	19
MAX	68	60	77	6	21	75.0	62.5	35.5	76.0	57.0	53.0	29	200	4
MIN	36	20	34	1	1	17.0	13.0	9.0	11.0	4.5	15.0	1	70	2
TOT	102	102	102	59	98	102.0	102.0	102.0	102.0	102.0	102.0	102	101	102

APPLEQUIST
SWAMP BLACKGUM

HT-HEIGHT
AGE-AGE
SI-SITE INDEX
SANF-PERCENT SAND
SLT-PERCENT SILT
CLA-PERCENT CLAY
TEX-TEXTURE
IGN-LOSS ON IGNITION SURFACE
SUR-PH SURFACESOIL
LPH-PH LEAST PERMEABLE HORIZON
BUV-BUFFER CAPACITY

		HHT	AGE	SI	SAN	SLT	CLA	TEX	IGN	SUR	LPH	BUF
01	1	77.00	63.00	63.80	35.00	20.00	45.00	5.00	6.26	4.10	4.20	.21
02	1	84.00	70.00	74.70	38.00	19.00	43.00	5.00	10.88	4.00	4.00	.43
03	1	86.00	52.00	84.50	29.00	17.00	54.00	5.00	26.94	4.10	4.20	1.69
08	1	80.00	85.00	67.80	52.00	21.00	27.00	3.00	34.23	3.70	4.20	1.49
13	1	82.00	83.00	69.80	35.00	9.00	56.00	5.00	23.31	4.60	4.70	1.91
18	1	89.00	85.00	75.00	52.00	13.00	35.00	2.00	18.15	3.70	4.10	1.02
24	1	84.00	144.00	64.30	74.00	7.00	19.00	1.00	61.43	4.60	4.70	2.91
25	1	90.00	128.00	70.40	46.00	13.00	41.00	2.00	28.74	5.20	6.70	2.43
32	1	81.00	105.00	65.20	45.00	29.00	26.00	6.00	36.20	3.60	3.60	1.65
33	1	80.00	106.00	64.80	40.00	14.00	46.00	5.00	23.52	4.10	4.30	1.41
34	1	70.00	100.00	57.40	22.00	19.00	59.00	5.00	21.85	4.10	4.30	1.02
35	1	78.00	93.00	64.70	13.00	19.00	68.00	5.00	27.56	4.80	4.50	1.94
36	1	83.00	101.00	67.60	52.00	12.00	36.00	2.00	69.85	4.40	3.90	3.32
38	1	72.00	81.00	61.90	62.00	5.00	33.00	3.00	22.26	4.10	3.80	1.36
39	1	95.00	94.00	78.70	56.00	9.00	35.00	2.00	64.67	3.90	3.90	3.00
40	1	79.00	108.00	63.90	30.00	13.00	57.00	5.00	68.38	5.00	6.80	3.55
41	1	95.00	100.00	77.40	32.00	10.00	58.00	5.00	36.30	5.20	7.40	2.76
42	1	91.00	96.00	75.20	52.00	11.00	37.00	2.00	48.52	4.50	7.10	2.31
44	1	81.00	129.00	63.00	56.00	14.00	30.00	3.00	61.74	4.50	4.80	2.71
46	1	99.00	89.00	83.20	48.00	12.00	40.00	2.00	54.48	4.10	3.80	2.25
47	1	96.00	99.00	78.40	30.00	20.00	50.00	5.00	39.34	4.40	4.10	1.98
50	1	75.00	98.00	61.80	51.00	14.00	35.00	2.00	35.89	4.70	6.20	2.25
52	1	85.00	149.00	64.80	20.00	23.00	57.00	5.00	32.19	4.40	4.30	2.21
54	1	80.00	98.00	67.30	67.00	9.00	24.00	3.00	18.59	4.90	3.50	1.45
55	1	81.00	92.00	66.90	37.00	20.00	43.00	5.00	20.51	4.20	3.80	1.91
56	1	72.00	112.00	57.80	54.00	15.00	31.00	3.00	12.38	4.20	3.70	.93
60	1	81.00	105.00	65.20	74.00	6.00	20.00	1.00	9.74	3.80	3.90	1.02
05	2	68.00	66.00	61.70	53.00	15.00	32.00	3.00	4.84	3.80	4.00	0.
06	2	68.00	82.00	58.10	62.00	11.00	27.00	3.00	58.30	4.20	4.00	3.05
07	2	51.00	75.00	44.20	72.00	10.00	18.00	1.00	5.45	3.80	4.00	0.
10	2	90.00	102.00	73.40	51.00	15.00	34.00	3.00	31.81	3.60	3.90	1.84
19	2	81.00	116.00	64.20	81.00	12.00	7.00	4.00	18.19	3.80	4.20	.43
23	2	76.00	111.00	60.50	67.00	6.00	27.00	3.00	23.02	4.40	4.00	1.24
29	2	73.00	101.00	59.40	77.00	15.00	8.00	1.00	5.99	3.90	4.40	.63
30	2	56.00	80.00	57.20	55.00	22.00	23.00	3.00	10.02	4.00	4.00	.63
49	2	82.00	93.00	68.00	66.00	13.00	21.00	3.00	9.66	4.60	4.30	1.06
57	2	78.00	106.00	63.00	71.00	16.00	13.00	1.00	25.94	3.70	3.90	1.28
58	2	74.00	78.00	63.70	63.00	15.00	22.00	3.00	4.54	3.60	3.40	.63
11	3	72.00	62.00	66.50	61.00	10.00	29.00	3.00	22.94	3.50	3.70	1.72
12	3	65.00	57.00	61.80	42.00	14.00	44.00	5.00	29.36	3.80	3.70	2.12
20	3	72.00	76.00	62.80	75.00	3.00	22.00	3.00	54.19	3.80	4.20	2.34
22	3	62.00	75.00	54.30	65.00	8.00	27.00	3.00	31.31	3.80	3.60	2.18
31	3	69.00	42.00	75.00	34.00	15.00	51.00	5.00	37.20	4.00	3.80	1.68
51	3	75.00	81.00	64.20	69.00	8.00	23.00	3.00	84.78	3.60	3.90	1.84
09	4	81.00	97.00	67.00	64.00	16.00	20.00	3.00	21.22	3.40	3.90	.73
14	4	95.00	140.00	73.70	56.00	17.00	27.00	3.00	89.93	3.70	3.70	1.69
15	4	91.00	86.00	76.50	50.00	23.00	27.00	3.00	85.40	3.60	3.70	2.31
16	4	87.00	80.00	74.40	65.00	8.00	27.00	3.00	56.89	3.90	3.80	3.18
17	4	86.00	83.00	73.10	59.00	14.00	27.00	3.00	90.39	3.60	3.60	1.98
04	5	68.00	69.00	61.00	61.00	12.00	27.00	3.00	6.72	3.60	3.80	.15
28	5	89.00	112.00	71.00	20.00	16.00	64.00	5.00	25.68	4.20	4.10	1.68
59	5	83.00	95.00	68.90	50.00	11.00	39.00	2.00	13.46	4.10	3.90	1.53
24	1	85.00	134.00	68.00	74.00	7.00	19.00	1.00	61.43	4.60	4.70	2.91
26	1	80.00	57.00	76.60	42.00	18.00	40.00	5.00	14.62	5.00	5.70	1.15
37	1	97.00	108.00	80.20	54.00	9.00	37.00	2.00	22.75	4.80	7.10	1.84
41	1	94.00	97.00	79.00	32.00	10.00	58.00	5.00	36.30	5.20	7.40	2.76
42	1	93.00	96.00	78.80	52.00	11.00	37.00	2.00	48.52	4.50	7.10	2.31
43	1	80.00	60.00	75.70	63.00	6.00	31.00	3.00	37.56	4.30	4.50	1.87
44	1	84.00	129.00	68.10	56.00	14.00	30.00	3.00	61.74	4.50	4.80	2.71
45	1	86.00	89.00	73.40	57.00	11.00	32.00	3.00	60.13	4.50	4.30	2.71
46	1	93.00	90.00	79.90	48.00	12.00	40.00	2.00	54.48	4.10	3.80	2.25
47	1	96.00	99.00	81.10	30.00	20.00	50.00	5.00	39.34	4.40	4.10	1.98
48	1	87.00	93.00	73.90	15.00	22.00	63.00	5.00	44.12	4.40	5.00	2.25
50	1	79.00	100.00	66.60	51.00	14.00	35.00	2.00	35.89	4.70	6.20	2.25
52	1	87.00	150.00	68.70	20.00	23.00	57.00	5.00	32.19	4.40	4.30	2.21
53	1	84.00	59.00	79.40	48.00	19.00	33.00	3.00	11.95	4.10	3.60	1.02
21	5	85.00	59.00	80.80	23.00	13.00	64.00	5.00	24.85	4.40	4.50	1.84
27	5	107.00	119.00	87.10	18.00	18.00	64.00	5.00	27.42	4.30	4.00	1.69
AVG		81.84	93.51	69.06	49.62	13.90	36.49	3.35	34.92	4.19	4.46	1.83
CVR		12.10	25.07	11.81	34.34	37.20	40.19	40.82	63.41	10.77	23.41	42.84
MAX		107.00	150.00	87.10	81.00	29.00	68.00	6.00	90.39	5.20	7.40	3.55
MIN		51.00	42.00	44.20	13.00	3.00	7.00	1.00	4.54	3.40	3.40	.15
TOT		68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	66.00

AREND. J.L. AND O. JULANDER
1948. ARKANSAS OZARKS
OAK SITES

SI=SITE INDEX OT= TOPPED TREES IN CROWN CLASS

IN= INTERMEDIATE TREES IN CROWN CLASS CD= DOMINANT AND CODIMINANT

OT= TOPPED TREES BASAL AREA IN= INTERMEDIATE TREES BASAL AREA

CD= CO AND DOMINANT TREES BASAL AREA DB= DBH

AG= AGE GV= GROSS VOLUME

OT= TOPPED TREES REFFERING TO ANNUAL GROWTH

OT= OTHER TREES REFFERING TO ANNUAL GROWTH

							SI	OT	IN	CD	OT	IN	CD	DB	AG	GV	OT	OH
01	HUNT	A	E	NB	02	D	70	145	290	160	7	38	102	10.8	60.0	3206.0	12.0	108.0
77	NIXA	L	E	LS	10	D	60	20	20	140	7	7	135	13.3	65.0	3781.0	4.0	112.0
86	NIXA	L	N	LS	02	D	40	0	40	200	0	12	136	11.2	55.0	3539.0	0.	108.0
56	BODI	L	NE	LS	25	D	60	65	60	85	9	19	99	14.6	75.0	3257.0	4.0	96.0
19	NIXA	L	N	LS	05	D	70	135	65	80	22	18	72	12.9	75.0	2820.0	12.0	60.0
58	BAXT	L	E	LS	02	D	60	150	70	105	8	16	67	10.9	70.0	2490.0	6.0	61.0
37	NIXA	L	NE	LS	20	D	60	25	45	170	3	24	50	7.3	65.0	1667.0	1.0	65.0
34	NIXA	L	N	LS	12	D	60	50	40	125	6	9	62	9.5	65.0	1725.0	8.0	48.0
85	NIXA	L	N	LS	35	D	60	10	60	35	2	11	54	16.8	70.0	1510.0	1.0	51.0
97	HUNT	A	E	NB	02	D	60	75	50	75	17	19	47	10.7	60.0	2358.0	9.0	48.0
33	BODI	L	NE	LS	30	D	70	95	60	100	6	11	50	9.6	55.0	1569.0	4.0	44.0
59	NIXA	L	E	LS	04	D	55	95	55	110	15	28	86	12.0	65.0	2822.0	7.0	70.0
57	NIXA	L	E	LS	18	D	55	70	45	125	8	13	80	10.8	60.0	2147.0	3.0	54.0
09	HECT	S	E	LS	35	D	55	140	70	160	20	21	75	9.3	60.0	1879.0	7.0	50.0
74	NIXA	L	N	MS	30	D	55	40	40	100	6	12	76	11.8	70.0	1979.0	2.0	48.0
61	NIXA	L	N	MS	15	D	55	40	60	85	11	33	57	11.1	70.0	2178.0	6.0	46.0
10	HECT	S	E	LS	40	D	45	40	145	220	6	56	71	7.7	60.0	2404.0	2.0	60.0
82	POTT	SH	NW	LS	15	D	40	20	45	105	4	12	77	11.6	90.0	1747.0	4.0	37.0
75	POTT	SH	NW	LS	20	D	35	0	25	95	0	3	82	12.6	70.0	1448.0	0.	29.0
94	POTT	SH	NW	LS	12	D	35	25	20	160	11	8	79	9.5	100.0	1810.0	4.0	30.0
71	HUNT	A	NE	NB	03	D	70	40	65	105	6	14	94	12.8	80.0	2729.0	6.0	123.0
38	BAXT	L	NE	LS	10	D	60	105	135	45	6	37	44	13.4	65.0	1927.0	4.0	94.0
6	NIXA	L	N	LS	04	D	70	45	103	81	8	30	50	10.6	55.0	1692.0	3.0	79.0
48	BAXT	L	SW	LS	25	D	65	70	70	50	8	24	65	15.4	65.0	2901.0	6.0	62.0
78	NIXA	L	E	LS	01	D	75	50	35	85	2	2	96	14.4	60.0	2408.0	3.0	62.0
64	BODI	L	N	MS	20	D	60	30	100	60	10	26	52	12.6	70.0	1999.0	14.0	75.0
54	NIXA	L	N	LS	12	D	65	150	75	70	14	21	61	12.7	65.0	2688.0	10.0	70.0
24	BODI	L	N	LS	35	D	70	145	65	150	16	11	74	9.5	50.0	2237.0	10.0	73.0
53	BAXT	L	N	LS	25	D	70	310	95	75	19	13	48	10.9	50.0	1657.0	15.0	57.0
76	NIXA	L	NW	LS	07	D	70	20	15	125	3	1	81	10.9	60.0	1851.0	1.0	56.0
39	NIXA	L	NE	US	10	D	70	135	40	55	14	7	45	12.2	65.0	1590.0	10.0	55.0
36	CHRT	L-S	E	MS	20	D	65	115	65	50	13	17	40	12.1	55.0	1305.0	14.0	52.0
44	BAXT	L	NW	MS	15	D	75	105	65	100	10	8	69	11.3	50.0	2173.0	5.0	50.0
47	BAXT	L	NW	CV	30	D	65	35	25	90	3	7	55	10.6	60.0	1552.0	1.0	49.0
49	BAXT	L	NE	R	03	D	70	5	40	50	2	28	69	15.9	70.0	3157.0	1.0	68.0
21	NIXA	L	NE	US	20	D	70	220	40	50	14	22	73	16.4	73.0	2941.0	7.0	59.0
50	BAXT	L	NE	R	02	D	65	10	40	45	4	22	66	16.4	75.0	2286.0	3.0	53.0
46	BAXT	L	W	MS	05	D	70	130	40	80	8	12	48	10.5	55.0	1307.0	4.0	44.0
26	BAXT	L	NW	LS	07	D	65	245	75	60	17	17	21	8.0	60.0	1117.0	8.0	37.0
22	NIXA	L	NE	US	04	D	60	225	75	120	12	30	80	11.1	85.0	3348.0	3.0	55.0
60	BAXT	L	NW	MS	05	D	55	115	55	110	8	17	83	11.8	70.0	2562.0	4.0	54.0
20	TAIR	L	SW	R	02	D	50	80	20	75	4	12	101	15.7	90.0	2535.0	2.0	43.0
65	POTT	SH-S	SW	MS	15	D	55	25	100	70	10	21	75	14.0	76.0	2028.0	1.0	41.0
51	NIXA	L	SW	R	06	D	60	25	25	65	3	8	72	14.2	65.0	2100.0	1.0	43.0
83	NIXA	L	W	US	05	D	50	35	45	105	7	10	75	11.4	65.0	1719.0	3.0	37.0
31	POTT	SH-S	NE	MS	08	D	60	15	10	65	3	1	73	14.3	72.0	1995.0	1.0	36.0
08	POTT	SH-S	W	US	25	S	40	75	30	80	9	21	90	14.3	90.0	2517.0	3.0	38.0
32	BODI	L	S	US	20	S	45	25	45	70	2	19	46	11.0	65.0	1215.0	1.0	28.0
67	NIXA	L	N	US	10	S	45	0	15	60	0	5	57	13.2	66.0	1252.0	0.	24.0
29	POTT	SH	NE	US	04	S	40	15	0	50	5	0	72	16.2	65.0	1910.0	1.0	26.0
13	NIXA	L	N	R	07	S	45	0	10	55	0	4	52	13.2	67.0	1162.0	0.	20.0
25	NIXA	L	SE	R	05	S	45	60	35	55	4	7	36	10.9	60.0	813.0	3.0	17.0
69	POTT	SH-L	W	US	10	D	40	150	135	245	9	13	66	7.0	58.0	1082.0	4.0	32.0
81	POTT	SH-L	W	US	25	D	40	80	55	90	9	10	74	12.3	75.0	1505.0	4.0	27.0
88	POTT	SH-L	W	US	05	D	40	30	40	90	9	17	63	11.3	60.0	1138.0	2.0	25.0
90	POTT	SH-S	W	US	12	D	35	45	185	80	7	21	52	10.9	90.0	1143.0	2.0	27.0
42	POTT	SH-S	W	US	20	D	35	250	200	180	10	20	48	7.0	58.0	917.0	4.0	25.0
27	NIXA	L	SW	R	03	D	40	5	115	155	0	9	59	8.3	60.0	970.0	0.	24.0
30	POTT	SH-S	E	US	10	D	40	50	45	90	1	7	56	10.7	65.0	1120.0	1.0	24.0
68	NIXA	L	SW	US	05	D	40	110	95	80	7	7	52	10.9	60.0	830.0	5.0	24.0
79	NIXA	L	W	US	03	D	40	25	15	80	6	5	52	10.9	60.0	1074.0	4.0	25.0
72	POTT	SH-S	SE	US	10	D	35	10	30	110	1	4	54	9.5	65.0	1840.0	1.0	21.0
35	CHRT	L-S	S	US	15	D	35	5	40	90	1	16	74	12.3	65.0	1496.0	-0.	25.0
62	ENDF	SH-S		R	02	S	35	40	40	125	3	7	76	10.5	75.0	1287.0	-0.	24.0
73	POTT	SH	S	US	20	S	30	65	75	115	10	16	61	9.9	100.0	1080.0	3.0	20.0
91	POTT	SH-S	SW	US	05	S	30	75	105	90	9	19	61	11.1	85.0	1239.0	3.0	19.0
92	POTT	SH-S	W	US	08	S	30	120	100	140	17	21	63	9.1	85.0	1252.0	5.0	19.0
89	POTT	SH	W	US	12	S	35	70	130	115	6	15	73	10.9	120.0	1521.0	2.0	18.0
93	POTT	SH-S	NE	MS	08	S	35	20	125	95	1	24	44	9.2	85.0	1028.0	-0.	21.0
28	POTT	SH-S	S	US	15	S	30	5	10	135	0	0	67	9.5	75.0	881.0	-0.	12.0
87	HECT	S	S	US	07	D	30	40	50	90	3	13	42	9.2	95.0	809.0	1.0	17.0
63	POTT	SH	S	US	15	S	35	35	75	60	3	11	35	10.4	80.0	643.0	1.0	11.0
66	POTT	SH	SW	US	10	S	30	35	40	70	3	4	40	10.2	100.0	590.0	1.0	9.0
40	ALLE COL	L-S	NW	LS	45	D	55	120	85	105	13	17	97	13.0	60.0	2715.0	12.0	76.0

	96	MURR COL S-L	E	LS	06	D	55	10	60	130	2	22	91	11.3	65.0	2919.0	0.	70.0
	99	MURR COL S-L	N	LS	15	D	55	25	50	100	6	19	62	10.7	65.0	2209.0	3.0	46.0
	98	MURR COL S-L	E	LS	02	D	55	25	55	85	4	18	59	11.3	65.0	2115.0	1.0	41.0
	95	MURR COL S-L	E	LS	02	D	45	50	30	190	10	14	122	10.9	60.0	3354.0	5.0	70.0
	83	ALLE COL L-S	N	LS	20	D	85	125	90	95	2	5	128	15.7	50.0	3488.0	6.0	94.0
	43	ALLE COL L-S	NW	CV	15	D	75	90	65	125	9	19	95	11.8	50.0	2643.0	14.0	89.0
	45	ALLE COL L-S	NW	CV	30	D	70	180	45	115	13	13	97	12.4	60.0	2624.0	8.0	87.0
	84	ALLE COL L-S	N	LS	15	D	65	235	55	95	13	14	85	12.8	60.0	2840.0	8.0	81.0
	70	ALLE COL L-S	NE	CV	10	D	85	150	40	80	12	12	70	12.7	50.0	2744.0	10.0	82.0
	55	ALLE COL L-S	NE	CV	10	D	85	160	60	80	11	15	70	12.7	50.0	2741.0	8.0	75.0
	52	ALLE COL L-S	N	LS	25	D	70	150	45	85	10	12	67	12.0	55.0	2428.0	8.0	69.0
	41	ALLE COL L-S	W	LS	20	D	65	105	75	95	9	12	60	10.9	60.0	1622.0	5.0	70.0
AVG							64	81	64	99	8	15	69	11.6	68.0	1964.5	4.9	50.0
CVR							27	83	70	41	61	59	31	18.7	19.7	39.4	75.6	52.0
MAX							85	310	290	245	22	56	136	16.8	120.0	3781.0	15.0	123.0
MIN							30	5	10	35	1	1	21	7.0	50.0	590.0	1.0	9.0
TOT							86	82	85	86	80	84	86	86.0	86.0	86.0	76.0	86.0

BERG, W.A. AND LEON, L. D.
PONDEROSA PINE
1964, S.E. MONTANA

SS=SOIL SERIES

SL=SLOPE

AG=AGE

HT=HEIGHT

DI=DIAMETER

SI=SITE INDEX.

	SS	SL	AG	HT	DI	SI
1	2.0	3.0	73.0	55.0	11.6	67.0
2	1.0	18.0	72.0	50.0	9.4	62.0
3	4.0	23.0	74.0	49.0	9.1	60.0
4	2.0	10.0	71.0	58.0	11.7	71.0
5	2.0	14.0	66.0	52.0	10.3	68.0
6	3.0	14.0	68.0	62.0	10.4	79.0
7	3.0	8.0	71.0	57.0	11.1	70.0
8	2.0	6.0	78.0	69.0	11.9	80.0
9	2.0	6.0	74.0	68.0	11.7	82.0
10	2.0	2.0	74.0	69.0	12.9	84.0
11	3.0	-0.	68.0	63.0	12.1	80.0
12	1.0	45.0	69.0	53.0	10.8	67.0
13	8.0	-0.	86.0	51.0	11.8	56.0
14	5.0	40.0	79.0	56.0	9.7	64.0
15	1.0	38.0	86.0	64.0	11.1	70.0
16	1.0	35.0	107.0	75.0	13.7	72.0
17	9.0	62.0	78.0	42.0	9.6	50.0
18	5.0	15.0	61.0	46.0	9.0	64.0
19	9.0	20.0	78.0	42.0	9.3	50.0
20	6.0	15.0	79.0	52.0	10.8	60.0
21	6.0	30.0	57.0	39.0	8.3	59.0
22	1.0	17.0	64.0	43.0	7.9	59.0
23	7.0	18.0	72.0	38.0	10.3	48.0
24	6.0	45.0	82.0	71.0	11.2	80.0
25	5.0	10.0	61.0	45.0	7.8	63.0
26	9.0	25.0	67.0	40.0	7.1	53.0
27	9.0	30.0	87.0	48.0	7.7	52.0
28	1.0	43.0	80.0	57.0	10.8	66.0
29	5.0	6.0	73.0	57.0	10.5	69.0
30	2.0	7.0	75.0	69.0	14.7	82.0
31	6.0	50.0	76.0	58.0	10.3	69.0
32	7.0	17.0	75.0	48.0	11.4	58.0
33	7.0	13.0	71.0	44.0	9.9	56.0
34	7.0	14.0	78.0	44.0	8.4	52.0
35	7.0	34.0	75.0	46.0	10.4	56.0
36	9.0	24.0	79.0	43.0	8.4	50.0
37	5.0	5.0	73.0	57.0	10.5	69.0
38	9.0	13.0	80.0	42.0	7.7	49.0
39	9.0	28.0	73.0	43.0	8.5	49.0
40	7.0	40.0	74.0	44.0	8.9	54.0
AVG	4.9	22.2	74.6	52.7	10.2	63.7
CVR	58.8	67.7	11.3	19.1	16.7	16.8
MAX	9.0	62.0	107.0	75.0	14.7	84.0
MIN	1.0	2.0	57.0	38.0	7.1	48.0
TOT	40.0	38.0	40.0	40.0	40.0	40.0

FIRST CARD NOT PROCESSED 187 19 58.2 68 0-05 1 G 1 2 05-015 1 Y1 1 2 15 4 YR 2 2

P 000000 RA 006765 FL 041001 EM 070000

A0	002656	X0	7777777777777000000	B0	000000
A1	002702	X1	0000100000000524002	B1	000001
A2	002632	X2	0000000000000001021	B2	040215
A3	002640	X3	0000000000000002656	B3	000000
A4	000021	X4	0000000000000000023	B4	000000
A5	040147	X5	0000000000000000011	B5	000002
A6	002632	X6	0200000021020000 1021	B6	000000
A7	000001	X7	0002000000000000000	B7	000054

CARMEAN
DOUGLAS FIR

ASI - AVERAGE SITE INDEX

AH - AVERAGE HEIGHT

AA - AVERAGE AGE

A - ASPECT

SP - SLOPE POSITION

SST - SLOPE STEEPNESS

E - ELEVATION

TP - TOTAL PRECIPITATION

AG - PER CENT GRAVEL A2

BG - PER CENT GRAVEL B

C1G - PER CENT GRAVEL C1

C2G - PER CENT GRAVEL C2

					ASI	AH	AA	A	SP	SST	E	TP	AG	BG	C1G	C2G
1	001	1	1	159	159	102	44	9	1	15	800	61	.1	0.	0.	0.
1	007	1	1	172	172	169	95	272	2	42	1300	67	5.8	1.5	22.7	.9
1	009	1	1	185	185	138	56	244	1	55	750	80	12.2	6.2	24.2	22.8
1	010	1	1	221	221	142	44	108	2	45	450	78	10.8	6.6	6.4	23.7
1	011	1	1	178	178	92	34	174	1	25	850	79	2.8	2.8	.1	0.
1	013	1	1	183	183	114	42	258	2	42	460	71	.8	4.3	1.1	11.7
1	014	1	1	168	168	70	28	293	2	50	800	63	1.4	.2	.5	0.
1	015	1	1	156	156	93	40	135	1	0	1750	103	20.3	35.2	12.3	36.3
1	016	1	1	162	162	115	51	243	1	65	500	120	15.8	8.6	9.8	15.0
1	018	1	1	205	205	150	54	352	2	19	200	74	5.0	3.2	2.3	8.3
1	026	1	1	189	189	132	51	287	2	75	100	79	65.8	53.1	44.7	44.7
1	046	1	1	199	199	142	52	225	1	19	720	58	31.0	14.4	13.9	26.9
1	074	1	1	179	179	118	46	128	2	4	260	64	15.2	1.5	2.4	5.5
1	079	1	1	199	199	153	58	327	2	13	380	65	38.0	21.1	22.0	46.0
1	080	1	1	191	191	133	50	278	1	11	575	65	39.6	30.0	41.7	69.9
1	082	1	1	188	188	133	51	225	2	9	320	60	19.5	12.9	13.3	14.4
1	084	1	1	128	128	101	62	338	1	73	700	56	54.7	59.4	57.5	63.7
1	086	1	1	129	129	102	62	98	2	49	1700	54	29.7	29.7	9.5	7.7
1	088	1	1	148	148	116	61	241	1	19	740	53	55.6	25.7	8.7	19.1
1	091	1	1	146	146	107	54	225	1	51	200	52	41.5	29.9	27.3	13.9
1	092	1	1	153	153	109	51	143	1	23	440	59	43.1	36.3	48.2	60.1
1	093	1	1	117	117	96	65	162	1	58	1800	55	55.8	35.0	41.0	59.5
1	094	1	1	115	115	118	108	185	2	53	1700	55	64.6	35.2	25.8	40.2
1	096	1	1	174	174	120	49	324	2	24	850	58	50.0	25.4	19.0	2.2
1	130	1	1	130	130	94	53	173	2	54	850	71	79.1	72.7	77.4	79.8
1	145	1	1	164	164	143	74	95	2	18	980	60	34.3	23.2	5.6	1.6
1	006	1	2	144	144	136	87	252	2	65	1380	67	34.8	44.9	0.	45.6
1	012	1	2	180	180	138	58	331	2	36	200	65	32.3	24.8	0.	23.0
1	034	1	3	186	186	133	52	126	2	6	160	115	30.6	18.5	24.1	17.3
1	035	1	3	173	173	106	41	249	2	21	60	95	2.6	1.2	11.0	9.2
1	036	1	3	184	184	113	41	171	2	21	120	100	7.8	6.2	0.	.8
1	039	1	3	190	190	131	49	70	1	5	320	85	14.2	8.6	10.4	41.1
1	042	1	3	208	208	151	54	311	2	27	260	67	1.2	0.	0.	0.
1	043	1	3	187	187	133	52	174	2	19	280	67	7.3	3.6	.9	11.6
1	047	1	3	179	179	122	48	247	2	32	80	75	49.4	33.6	23.4	39.4
1	051	1	3	170	170	107	43	151	1	28	190	108	36.1	21.5	24.6	27.7
1	056	1	3	188	188	133	52	102	2	42	160	82	34.1	19.5	0.	7.2
1	059	1	3	186	186	129	50	272	2	23	500	128	2.9	3.5	3.2	1.8
1	060	1	3	211	211	107	33	4	1	27	360	100	1.6	2.8	1.5	3.7
1	052	1	4	185	185	143	59	135	3	0	130	130	.4	6.9	.1	.6
1	057	1	4	187	187	131	51	135	3	0	120	120	32.5	35.8	0.	37.8
1	003	1	1	191	191	148	59	229	2	50	250	85	1.4	0.	3.1	1.8
1	041	1	6	200	200	122	41	135	3	0	240	83	0.	0.	0.	0.
1	131	1	6	192	192	125	45	235	2	3	460	135	23.7	11.4	8.5	.1
1	002	2	5	187	187	142	58	206	1	42	250	120	8.1	3.0	0.	13.7
1	004	2	5	186	186	119	44	217	2	6	750	118	.6	1.6	1.1	13.0
1	005	2	5	182	182	129	52	266	1	38	100	90	21.2	26.1	0.	23.0
1	008	2	5	196	196	126	44	223	2	33	730	118	19.0	21.1	16.1	50.0
1	019	2	5	200	200	154	59	290	2	21	130	72	0.	0.	0.	3.8
1	022	2	5	185	185	126	48	135	1	0	375	118	5.4	4.6	11.5	5.7
1	023	2	5	167	167	115	49	135	1	0	520	120	37.4	22.9	13.6	44.3
1	024	2	5	171	171	118	49	194	2	49	420	120	15.3	4.4	4.4	3.5
1	025	2	5	185	185	174	84	254	2	64	370	93	25.0	26.3	32.8	42.5
1	027	2	5	196	196	125	44	100	3	3	290	92	0.	0.	0.	.7
1	033	2	5	173	173	108	42	213	3	2	70	80	0.	.1	.1	.2
1	037	2	5	187	187	136	54	276	1	51	120	82	1.7	.1	0.	1.3
1	038	2	5	150	150	105	50	206	1	45	250	82	23.5	28.0	28.6	53.8
1	148	2	5	174	174	152	75	123	1	15	600	69	1.4	.7	.5	.1
1	153	2	5	180	180	140	60	13	2	12	700	60	.3	1.7	.1	20.9
1	154	2	5	183	183	110	40	184	1	45	220	54	4.7	5.7	3.0	.7
1	155	2	5	195	195	190	93	42	1	42	350	92	37.1	32.0	30.9	0.
1	061	2	5	193	193	187	92	187	2	25	200	85	23.2	21.3	35.8	30.9
1	126	2	5	180	180	96	35	321	2	9	450	130	26.1	17.2	16.4	42.3
1	028	2	7	184	184	140	58	135	1	0	300	80	.2	0.	.1	.2
1	053	2	7	183	183	119	45	135	1	0	550	75	5.8	2.3	0.	.9
1	054	2	7	184	184	114	42	315	1	45	520	75	1.9	.1	5.6	.2
1	055	2	7	188	188	86	30	135	3	0	290	75	.1	.1	.1	0.
1	058	2	7	190	190	130	49	302	1	64	240	70	25.0	8.4	21.4	66.8
1	133	3	8	88	88	65	55	135	1	0	740	100	60.6	55.1	60.0	58.8
1	067	3	9	115	115	95	66	141	2	6	160	56	39.3	34.7	23.4	7.2
1	068	3	9	123	123	97	62	230	2	6	160	55	44.6	44.3	49.3	0.
1	072	3	9	144	144	98	48	320	2	10	220	55	53.5	53.0	48.2	37.1
1	075	3	9	122	122	83	48	268	2	19	120	55	54.9	54.3	55.8	62.1
1	081	3	9	141	141	94	47	85	2	5	80	54	44.1	46.7	47.8	0.
1	089	3	9	154	154	106	48	280	1	11	250	48	46.2	47.2	48.8	49.1

1	098	3	9	113	113	85	56	92	2	9	80	49	54.2	46.8	30.1	39.5
1	099	3	9	102	102	90	75	145	1	4	320	49	73.1	64.0	62.2	63.8
1	102	3	9	82	82	69	69	215	1	7	520	62	73.6	71.7	76.6	0.
1	105	3	9	126	126	97	59	135	1	0	220	60	54.2	50.7	58.2	0.
1	112	3	9	113	113	94	67	142	2	7	240	72	62.5	58.0	71.0	0.
1	113	3	9	79	79	67	70	135	1	0	520	74	62.0	62.0	58.8	75.8
1	116	3	9	98	98	81	66	135	3	0	500	75	67.4	65.2	71.7	73.3
1	104	3	10	175	175	130	56	288	1	15	120	49	44.3	46.0	0.	0.
1	134	3	10	134	134	120	78	131	1	20	100	50	57.2	55.9	45.0	50.3
1	114	3	11	182	182	131	53	356	2	25	100	62	55.8	46.1	48.5	0.
1	132	3	11	150	150	95	43	187	1	5	260	70	54.2	54.1	49.4	55.2
1	071	3	12	175	175	140	63	135	3	0	160	55	21.6	19.2	10.3	9.6
1	078	3	12	169	169	112	46	135	3	0	220	52	61.1	38.8	35.2	0.
1	087	3	12	146	146	111	57	135	3	0	170	52	18.8	10.3	.3	0.
1	135	3	12	149	149	111	54	236	2	6	100	56	38.1	37.1	24.4	34.8
1	020	3	13	196	196	146	56	135	3	0	90	120	17.8	16.0	23.4	54.0
1	021	3	13	193	193	132	49	135	3	0	300	118	18.9	10.5	11.5	45.9
1	048	3	13	187	187	179	90	135	3	0	200	127	17.4	36.8	0.	85.8
1	029	3	14	152	152	113	55	135	3	0	90	68	56.3	72.8	0.	76.7
1	032	3	14	154	154	109	51	220	3	2	50	68	62.6	73.7	77.7	78.7
1	040	3	14	113	113	77	48	135	3	0	440	120	62.6	63.8	0.	78.9
1	044	3	14	132	132	90	48	135	3	0	160	70	50.5	60.8	0.	74.3
1	064	3	14	160	160	99	41	135	3	0	210	65	70.4	62.9	65.2	73.1
1	065	3	14	165	165	118	52	135	3	0	360	70	49.3	45.7	40.5	71.0
1	103	3	14	151	151	105	49	280	2	3	100	62	58.7	67.3	63.7	73.4
1	115	3	14	171	171	137	63	360	2	7	60	73	38.5	66.6	73.6	76.3
1	066	3	15	132	132	95	53	135	3	0	200	52	44.9	46.0	48.9	53.2
1	069	3	15	142	142	110	63	313	2	20	110	58	41.3	38.3	0.	49.3
1	136	3	16	174	174	121	49	135	3	0	270	85	65.8	46.5	55.6	76.4
1	085	3	17	80	80	63	61	135	2	0	800	53	71.0	54.1	75.5	72.3
1	127	3	18	178	178	131	55	135	3	0	410	122	24.7	12.7	11.4	80.3
1	073	3	19	159	159	116	54	135	3	0	80	65	54.7	58.4	58.3	73.6
1	111	3	19	107	107	81	56	135	3	0	220	75	54.6	69.0	79.2	78.5
1	124	3	19	112	112	74	46	135	3	0	210	69	0.	47.7	74.8	69.2
1	117	3	20	95	95	70	55	135	3	0	280	72	57.5	62.8	68.9	70.9
1	123	3	20	130	130	89	48	135	3	0	330	76	51.5	45.4	53.6	59.5
1	143	4	21	147	147	106	53	135	3	0	160	56	2.8	1.4	1.0	19.3
1	097	4	22	171	171	113	46	280	1	4	300	52	13.6	15.5	14.7	14.1
1	110	4	22	105	105	99	87	271	1	8	280	56	46.6	40.2	31.6	59.9
1	118	4	22	156	156	90	38	111	2	12	100	51	15.0	15.6	14.5	10.7
1	120	4	23	161	161	110	48	278	2	16	420	68	28.5	35.5	22.5	36.5
1	122	4	23	92	92	62	47	135	3	0	320	75	38.3	35.2	40.6	56.2
1	076	4	24	172	172	119	49	135	3	0	180	52	0.	0.	0.	0.
1	090	4	24	190	190	143	56	135	3	0	190	48	4.6	2.6	2.7	.1
1	152	4	24	156	156	122	60	135	3	0	140	49	6.0	5.1	2.9	67.6
1	077	4	25	147	147	114	60	298	3	1	160	52	2.2	1.7	.8	0.
1	083	4	25	166	166	111	47	228	2	8	140	51	5.8	1.8	.3	0.
1	100	4	26	170	170	126	55	135	3	0	80	59	3.5	30.4	43.9	62.0
1	137	4	26	189	189	167	76	135	3	0	20	68	7.7	51.6	56.9	75.5
1	121	4	27	175	175	122	50	135	3	0	30	75	10.2	3.6	30.5	39.2
1	030	4	28	190	190	147	59	135	3	0	50	66	0.	0.	0.	1.9
1	031	4	28	170	170	102	40	51	2	10	60	67	22.8	35.9	11.8	45.5
1	045	4	28	183	183	125	49	135	3	0	38	67	0.	0.	0.	0.
1	049	4	28	197	197	99	33	135	3	0	175	89	.3	0.	0.	15.9
1	063	4	29	188	188	119	44	135	3	0	140	67	.1	0.	0.	0.
1	017	5	30	133	133	102	59	245	2	53	75	62	23.8	24.3	0.	8.6
1	050	5	31	184	184	133	53	135	3	0	400	135	16.3	13.0	0.	16.7
1	101	5	32	186	186	132	52	109	1	10	100	62	24.5	17.2	10.4	13.1
1	070	5	33	168	168	136	65	308	3	30	60	58	6.2	4.8	0.	2.8
1	095	5	33	136	136	102	56	0	3	0	80	53	41.5	35.2	36.5	9.3
1	106	5	33	126	126	104	67	320	2	6	30	49	29.5	23.9	0.	2.9
1	108	5	33	114	114	102	77	135	3	0	85	50	16.8	14.1	4.9	4.2
1	107	5	34	134	134	92	48	135	3	0	140	60	43.3	48.2	46.7	39.1
1	119	5	34	186	186	134	53	135	3	0	120	59	34.5	33.6	14.4	2.6
1	128	5	34	189	189	141	56	327	2	7	120	65	36.0	19.1	14.1	8.6
1	129	5	33	122	122	85	50	265	1	7	80	58	16.1	16.1	0.	4.7
1	139	5	35	172	172	163	88	135	3	0	460	46	0.	.6	.1	.3
1	147	5	36	137	137	93	48	135	3	0	370	68	5.5	3.0	4.4	8.2
1	125	5	37	145	145	96	46	135	3	0	80	62	0.	2.7	0.	0.
1	146	5	37	145	145	141	93	135	3	0	260	65	10.1	7.3	.8	1.5
1	151	5	38	133	133	92	49	70	2	4	390	68	1.0	.4	.2	.1
1	150	5	39	169	169	126	56	217	2	6	480	80	2.9	11.3	11.9	1.0
1	140	5	40	133	133	99	55	135	3	0	350	40	.1	.1	.1	2.2
1	149	5	41	146	146	108	55	135	3	0	300	43	0.	13.4	14.7	1.2
1	141	5	42	141	141	140	100	135	3	0	340	41	0.	.1	.1	0.
1	138	5	43	161	161	119	55	182	2	5	460	46	20.8	16.9	0.	.7
1	142	5	43	113	113	92	64	135	3	0	450	50	34.6	28.0	.1	.3
1	144	5	43	175	175	167	89	135	3	0	420	52	38.8	27.5	.6	1.2
1	062	5	44	195	195	192	93	135	3	0	160	85	.9	.3	10.3	2.0
AVG					161	117	56	184	2	24	347	73	28.9	26.8	26.0	31.2
CVR					19	22	26	43	38	81	96	31	76.7	81.4	92.6	89.4
MAX					221	192	108	360	3	75	1800	135	79.1	73.7	79.2	85.8
MIN					79	62	28	4	1	1	20	40	.1	.1	.1	.1
TOT					154	154	154	153	154	94	154	154	142.0	142.0	122.0	131.0

CARMEAN
DOUGLAS FIR

DA2 - DEPTH A2

DA2B - DEPTH A2+B

DA8C - DEPTH A2 +B + C

MEA2 - MOISTURE EQUIVALENT A2

MEB - MOISTURE EQUIVALENT B

MEC1 - MOISTURE EQUIVALENT C1

MEC2 - MOISTURE EQUIVALENT C2

CB - COMPACTION OF B

		DA2	DA2B	DABC	MEA2	MEB	MEC1	MEC2	CB
2	001	10.8	22.0	22.0	37.4	35.2	35.2	33.0	1
2	007	6.6	20.2	34.2	35.9	35.5	31.4	26.9	1
2	009	3.9	10.9	26.5	46.0	43.3	39.8	37.7	2
2	010	6.5	15.9	41.1	42.8	41.8	35.2	33.3	2
2	011	7.2	19.0	30.0	47.4	41.6	35.9	31.2	2
2	013	8.1	19.1	40.0	39.3	35.1	33.4	31.8	2
2	014	8.1	15.5	29.5	40.0	35.5	30.1	30.6	1
2	015	8.4	15.9	37.8	51.7	51.5	40.4	41.4	2
2	016	7.4	16.7	40.8	40.8	39.1	37.7	31.7	2
2	018	10.0	19.3	39.2	42.0	36.9	33.8	33.2	2
2	026	6.6	17.6	27.2	70.5	47.5	41.5	36.8	2
2	046	11.1	20.0	24.2	45.4	38.2	34.5	34.2	2
2	074	6.5	15.6	27.8	38.1	35.9	32.4	32.1	2
2	079	6.8	14.4	27.5	35.2	34.2	32.5	25.2	2
2	080	5.8	15.4	25.8	39.1	38.0	35.2	37.1	2
2	082	7.0	14.8	28.1	38.5	33.8	31.8	30.6	2
2	084	5.2	17.6	23.8	32.8	32.9	33.8	29.4	2
2	086	0.	10.1	21.2	0.	36.5	35.6	32.9	2
2	088	6.5	15.9	26.2	37.0	33.1	35.4	36.2	2
2	091	6.0	15.0	26.6	19.4	17.5	18.3	23.5	2
2	092	6.4	15.5	28.6	26.6	23.0	21.9	24.0	2
2	093	5.7	13.1	18.5	40.5	38.1	35.9	34.1	2
2	094	5.4	13.8	25.4	39.7	35.0	33.3	32.0	1
2	096	5.0	11.9	24.0	33.2	32.0	30.3	31.7	2
2	130	6.8	19.4	27.5	37.4	32.2	34.0	31.9	2
2	145	5.3	15.5	22.6	32.7	31.3	28.7	24.8	1
2	006	6.6	20.1	20.1	64.5	53.6	0.	41.9	2
2	012	7.4	10.6	12.0	27.6	21.6	0.	20.1	1
2	034	7.4	18.6	27.4	46.5	40.0	34.8	32.4	2
2	035	6.1	14.2	23.8	46.6	44.3	40.8	39.2	1
2	036	5.8	13.0	25.0	44.1	42.0	42.5	42.8	2
2	039	9.4	16.1	31.6	39.2	36.0	33.9	30.4	2
2	042	6.1	14.9	26.0	40.0	38.1	34.6	30.2	2
2	043	4.2	9.8	21.1	39.8	36.5	31.6	34.0	2
2	047	3.2	10.8	20.2	55.3	47.3	42.7	34.4	1
2	051	8.1	16.1	25.9	44.2	41.9	41.3	38.7	2
2	056	5.5	11.8	20.0	46.0	43.0	0.	39.0	1
2	059	6.9	14.5	27.4	47.7	45.0	41.0	35.6	2
2	060	8.4	15.2	30.0	44.0	42.8	42.2	38.3	2
2	052	5.0	12.1	21.1	47.0	43.8	39.2	37.6	1
2	057	9.4	16.1	20.0	52.0	48.5	0.	47.7	1
2	003	4.9	0.	28.4	38.8	31.5	31.5	27.4	2
2	041	9.9	18.7	37.0	55.7	55.0	56.2	52.3	2
2	131	6.1	14.2	30.8	48.6	44.4	41.6	42.3	2
2	002	7.0	19.0	30.0	37.9	36.0	0.	33.8	2
2	006	8.5	0.	27.6	49.2	49.2	41.8	43.4	2
2	005	6.1	14.5	30.0	45.8	42.6	0.	41.1	2
2	008	6.9	19.1	32.0	50.9	47.9	43.5	46.3	2
2	019	6.2	17.1	36.6	39.4	35.7	28.4	28.8	2
2	022	5.3	15.2	26.9	45.4	44.3	39.1	32.9	2
2	023	3.0	12.2	22.2	52.7	49.1	50.7	35.9	2
2	024	5.9	14.8	31.6	48.3	50.2	47.9	39.3	2
2	025	5.1	17.8	26.6	47.8	39.9	39.7	41.4	2
2	027	6.0	16.8	27.8	53.0	50.8	43.6	34.8	2
2	033	7.0	14.0	21.6	40.9	42.7	41.5	34.1	1
2	037	5.5	17.2	28.8	37.2	34.5	32.3	30.3	1
2	038	4.9	11.8	22.1	44.9	42.6	40.3	42.3	2
2	148	5.9	14.1	23.9	31.9	29.4	29.5	30.2	1
2	153	5.7	15.0	23.8	40.5	39.0	39.1	35.7	1
2	154	5.4	13.4	22.6	27.9	25.4	21.3	22.0	2
2	155	6.6	15.9	39.6	43.2	41.5	39.6	0.	2
2	061	5.8	20.1	30.5	48.7	45.4	45.1	42.0	2
2	126	5.5	18.6	27.9	50.1	46.5	44.2	47.0	2
2	028	8.4	15.9	25.0	38.4	36.5	31.4	26.6	2
2	053	6.8	18.8	25.0	46.1	43.1	0.	34.4	2
2	054	6.8	15.8	25.0	38.9	35.1	31.0	26.3	2
2	055	5.9	15.0	27.4	42.7	41.3	36.8	31.2	1
2	058	6.4	15.5	25.4	39.0	35.1	32.5	30.4	2
2	133	6.0	14.5	28.5	27.0	21.6	20.7	15.0	2
2	067	5.5	17.8	28.8	17.9	15.4	14.5	11.9	2
2	068	4.6	17.1	32.8	19.4	15.9	14.9	0.	2
2	072	8.9	18.6	29.2	21.9	17.3	20.4	25.2	2
2	075	6.9	18.9	30.9	13.9	12.1	10.1	9.1	2
2	081	6.5	15.0	36.0	25.5	19.2	18.1	0.	2
2	089	7.6	16.2	24.2	25.6	22.9	21.7	20.6	2
2	098	5.4	15.9	27.4	21.1	17.5	18.8	18.5	2
2	099	6.1	16.2	30.0	22.0	14.9	12.1	13.3	2
2	102	6.4	15.8	24.6	26.7	23.0	22.2	0.	2
2	105	5.8	15.4	30.5	24.0	19.5	17.4	0.	2

2	112	6.9	15.1	29.1	19.1	15.2	13.2	0.	2
2	113	14.2	14.2	23.6	24.2	24.2	22.1	18.0	2
2	116	7.2	15.0	21.2	25.8	22.3	20.4	18.8	2
2	104	6.4	17.8	39.2	21.9	18.3	0.	0.	2
2	134	6.4	17.5	37.6	20.5	17.2	18.7	15.4	2
2	114	8.1	18.6	23.4	31.3	28.3	22.3	0.	2
2	132	6.0	16.8	34.4	35.1	29.0	26.9	21.6	2
2	071	5.1	17.6	28.8	27.2	26.1	23.4	22.3	2
2	078	8.0	16.8	30.2	26.8	23.2	21.7	0.	2
2	087	7.8	17.6	33.0	22.0	20.1	16.5	17.8	2
2	135	6.2	14.4	32.5	22.3	20.0	18.4	16.0	2
2	020	8.9	18.9	37.6	48.7	45.1	41.1	28.2	2
2	021	8.6	17.7	29.8	46.7	40.0	35.4	24.7	2
2	048	13.2	23.5	23.5	12.7	8.8	0.	6.7	2
2	029	8.6	14.4	14.4	43.3	32.1	0.	8.8	2
2	032	8.5	17.2	32.7	38.7	32.9	18.1	15.9	2
2	040	9.5	20.2	20.2	27.2	18.9	0.	11.1	2
2	044	5.0	15.0	15.0	46.0	37.5	0.	13.0	2
2	064	8.9	17.5	29.1	34.0	30.7	24.5	15.8	2
2	065	7.6	18.0	22.0	26.3	22.5	19.1	10.6	2
2	103	6.5	15.5	23.6	29.1	21.7	18.9	14.2	2
2	115	7.0	15.6	22.9	23.0	17.3	14.8	7.8	2
2	066	7.1	17.8	29.5	20.2	16.7	15.7	13.4	2
2	069	7.6	20.2	20.2	12.3	10.7	0.	5.7	2
2	136	6.7	14.2	27.4	29.4	24.8	15.3	14.9	2
2	085	8.2	14.6	17.9	17.8	14.8	10.9	8.2	2
2	127	5.9	17.9	33.0	57.8	51.8	51.6	24.9	2
2	073	6.5	16.9	31.4	35.4	28.6	25.2	9.1	2
2	111	8.7	11.9	16.8	32.0	27.6	17.0	11.3	2
2	124	25.5	14.1	25.5	36.8	36.8	17.1	8.1	2
2	117	6.5	18.2	24.6	26.8	21.7	18.3	8.1	2
2	123	6.6	14.2	26.9	21.6	17.2	13.9	7.0	2
2	143	6.5	14.5	22.4	26.9	24.4	24.4	21.0	2
2	097	5.6	21.5	33.6	16.1	9.1	7.3	3.8	2
2	110	6.0	18.8	23.6	11.3	8.7	10.5	4.6	2
2	118	7.8	17.4	23.4	12.9	10.3	7.9	6.8	2
2	120	5.9	15.0	26.6	16.9	13.8	12.8	9.2	2
2	122	6.4	18.6	34.2	18.1	14.2	10.3	6.3	2
2	076	6.0	20.4	41.4	13.2	11.8	12.0	10.2	2
2	090	6.9	19.9	52.0	19.3	16.7	15.8	17.2	2
2	152	5.4	16.0	34.6	23.9	19.5	16.3	9.2	2
2	077	8.2	16.6	25.8	12.0	10.4	8.6	6.8	2
2	083	5.8	16.9	33.4	15.0	11.1	8.5	8.9	2
2	100	5.4	13.5	33.0	21.3	10.0	9.7	7.1	2
2	137	6.5	11.6	38.2	23.4	11.9	20.3	15.4	2
2	121	6.0	17.1	32.6	18.5	13.2	5.3	5.1	2
2	030	9.7	16.2	43.8	24.8	23.7	22.3	20.8	2
2	031	12.6	19.8	30.1	29.0	18.0	13.4	11.5	2
2	045	11.5	18.8	30.6	27.4	24.8	23.1	16.6	2
2	049	9.2	17.2	45.0	36.9	31.8	19.0	10.3	2
2	063	6.2	15.2	29.1	29.2	27.4	24.2	16.1	2
2	017	2.2	3.7	8.0	28.2	22.8	0.	19.8	3
2	050	2.8	6.0	10.0	48.7	38.1	0.	35.4	3
2	101	4.9	15.8	26.2	41.8	36.3	35.0	31.8	2
2	070	7.9	14.9	14.9	22.6	20.3	0.	25.1	3
2	095	3.0	10.9	13.0	46.3	41.3	37.0	35.3	3
2	106	6.6	15.6	15.6	32.6	31.9	0.	33.0	3
2	108	13.0	13.0	14.5	35.7	37.1	35.7	34.3	3
2	107	7.0	14.9	23.0	25.4	23.3	22.7	21.3	1
2	109	9.4	15.0	17.0	40.1	27.6	0.	29.8	1
2	119	5.0	13.8	21.5	37.1	32.7	32.1	31.2	2
2	128	5.1	17.1	23.9	36.4	26.6	25.6	33.4	2
2	129	0.	11.8	18.0	0.	37.1	0.	30.5	3
2	139	0.	8.8	26.1	31.5	31.5	25.1	27.5	1
2	147	5.8	14.1	25.0	35.2	32.0	33.3	30.2	1
2	125	0.	6.2	12.2	0.	33.7	0.	24.7	3
2	146	6.5	13.2	17.4	34.4	31.7	29.6	34.1	3
2	151	5.7	11.8	22.1	34.4	30.7	29.9	33.3	3
2	150	5.2	12.0	23.5	30.2	28.9	29.8	30.0	1
2	140	0.	7.4	15.8	0.	33.2	29.1	31.0	3
2	149	0.	8.4	15.5	0.	30.1	29.1	27.6	3
2	141	0.	6.5	13.8	0.	33.5	28.0	28.0	3
2	138	5.9	18.0	24.4	32.2	26.1	0.	23.6	1
2	142	6.4	13.6	22.5	31.3	28.2	26.6	29.0	1
2	144	6.0	15.2	27.1	33.5	30.2	25.7	26.5	2
2	062	3.4	15.0	25.1	46.0	44.1	43.0	43.3	1
AVG		6.9	15.5	26.7	34.5	30.8	28.1	25.8	2
CVR		35.5	20.6	26.7	34.0	37.0	39.4	44.4	25
MAX		25.5	23.5	52.0	70.5	55.0	56.2	52.3	3
MIN		2.2	3.7	8.0	11.3	8.7	5.3	3.8	1
TOT		148.0	153.0	155.0	149.0	155.0	134.0	146.0	155

CARMEAN
TEST RUN CARD ONE
BLACK OAK IMPERFECTLY DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

	SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUVLID 067A SICL	44	56.4	87.8	3.40	11.3	49.0	39.7	8.1	25.5	66.4	4.8	19.8
1QUVLID 081A SIL	64	80.6	81.8	4.20	31.4	36.0	32.6	21.2	34.9	43.9	20.6	33.0
1QUVLID 089B SIL	52	64.6	81.6	4.50	14.6	61.3	24.1	13.2	54.6	32.2	13.0	35.6
1QUVLID 090A SIL	45	56.7	79.4	4.00	11.8	51.2	37.0	10.2	41.8	48.0	16.7	34.0
1QUVLID 092C SIL	70	55.4	36.6	4.10	15.3	52.1	32.6	19.6	48.0	32.4	20.0	33.8
1QUVLID 094D SIC	56	31.1	24.0	1.90	9.3	40.4	50.3	1.9	26.4	71.7	8.0	29.1
1QUVLID 095C SICL	43	57.9	108.2	2.00	13.9	38.1	48.0	6.2	28.8	65.0	8.7	29.6
1QUVLID 096C SIL	64	47.6	33.2	3.90	21.3	53.9	24.8	21.5	33.6	44.9	16.8	29.4
1QUVLID 099B SIL	66	51.5	35.5	4.50	13.3	53.8	32.9	13.1	44.5	42.4	12.9	36.4
1QUVLID 103A SIL	74	78.8	55.6	5.30	11.2	55.8	33.0	9.7	41.8	48.5	9.5	32.5
1QUVLID 105D SIL	64	60.4	45.8	3.20	6.5	58.1	35.4	4.1	38.3	57.6	2.5	26.1
1QUVLID 108D SIL	68	70.0	52.8	4.25	9.1	59.4	31.5	10.1	48.3	41.6	11.3	30.7
1QUVLID 110N SIL	58	52.2	43.0	3.00	5.4	55.4	39.2	5.4	37.6	57.0	.8	34.8
1QUVLID 111A SIL	53	64.0	72.4	1.30	30.0	43.2	26.8	28.4	39.8	31.8	40.1	24.2
1QUVLID 116D SIL	54	62.6	64.8	5.50	14.6	59.0	26.4	10.7	43.8	45.5	8.5	26.3
1QUVLID 120D SIL	75	86.7	64.7	6.80	9.8	50.9	39.3	11.9	39.7	48.4	12.7	37.7
1QUVLID 122D SIL	64	72.3	61.3	4.10	12.8	52.9	34.3	10.7	44.8	44.5	10.6	43.5
1QUVLID 123P SIL	74	83.4	61.8	8.10	7.1	54.1	38.8	4.6	45.7	49.7	5.5	40.7
1QUVLID 124D SIL	59	66.4	60.6	3.60	10.8	45.2	44.0	8.6	37.0	54.4	10.0	38.4
1QUVLID 126D SICL	66	51.2	34.6	3.70	10.0	45.8	44.2	2.2	33.2	64.6	4.2	32.3
1QUVLID 127A SIL	57	71.8	84.4	3.40	13.4	58.3	28.3	15.7	46.7	37.6	24.7	28.4
1QUVLID 130D SICL	68	91.8	111.2	3.60	30.2	36.9	32.9	15.8	51.1	33.1	16.5	35.2
1QUVLID 134A SICL	50	63.2	86.2	2.10	11.6	61.5	26.9	10.3	43.3	46.4	6.1	32.6
1QUVLID 135A SIL	63	82.5	88.2	4.75	15.1	47.9	37.0	15.1	40.8	44.1	12.2	32.1
1QUVLID 137K CL	51	56.2	58.2	2.90	23.3	40.1	36.6	13.3	31.0	55.7	7.7	26.1
1QUVLID 145A SIL	67	77.1	65.8	4.60	14.4	54.4	31.2	10.9	43.2	45.9	13.4	30.8
1QUVLID 150B SIL	77	65.6	39.6	4.80	14.6	57.5	27.9	12.9	54.1	33.0	12.0	40.0
1QUVLID 151A SIL	59	64.6	57.2	2.60	16.1	48.9	35.0	11.2	38.4	50.4	12.0	36.8
1QUVLID 161A SIL	54	66.2	74.4	3.00	8.2	66.2	25.6	6.9	63.7	29.4	4.9	48.2
1QUVLID 162A SIL	70	77.5	59.0	6.00	7.9	52.0	40.1	4.4	36.5	59.1	4.5	22.8
1QUVLID 163A SIL	75	63.9	40.6	3.00	11.9	63.0	25.1	8.3	55.0	36.7	6.5	43.7
1QUVLID 017D SICL	58	62.6	56.8	2.60	18.7	41.7	39.6	6.7	30.5	62.8	3.1	37.4
1QUVLID 020D SIC	62	70.6	63.0	3.40	8.0	47.9	44.1	3.1	32.6	64.3	6.2	34.8
1QUVLID 021D SICL	68	81.6	71.0	2.80	12.2	49.0	38.8	5.5	42.4	52.1	6.3	30.3
1QUVLID 168A CL	45	53.8	84.8	2.70	21.5	49.0	29.5	13.1	43.6	43.3	8.1	34.6
1QUVLID 174B SICL	62	68.3	59.2	3.70	12.3	60.2	27.5	8.9	57.6	33.5	4.4	22.2
1QUVLID 180D SICL	51	65.6	92.6	2.80	12.0	59.2	28.8	6.4	58.9	34.7	3.3	32.5
1QUVLID 183A CL	61	74.0	74.5	2.20	25.7	46.5	27.8	19.7	47.1	33.2	16.1	26.2
1QUVLID 186D C	77	98.9	92.5	8.20	16.9	38.3	44.8	11.0	38.8	50.2	9.7	38.6
1QUVLID 188D C	72	49.6	29.6	2.10	14.2	39.7	46.1	6.9	37.6	55.5	5.9	24.8
1QUVLID 218D SICL	68	60.2	41.8	2.50	19.9	47.7	32.4	10.4	41.7	47.9	7.8	23.2
1QUVLID 223A L	56	62.0	58.8	2.20	32.0	41.4	26.6	20.1	39.4	40.5	7.7	26.5
1QUVLID 065B	60	65.0	57.4	5.00	9.7	63.3	27.0	9.0	53.2	37.8	11.4	37.9
AVG	61	66.1	63.5	3.77	14.9	50.8	34.3	10.9	42.2	46.9	10.4	32.4
CVR	15	19.5	33.1	40.43	45.9	15.9	20.5	52.8	20.7	23.5	67.1	19.4
MAX	77	98.9	111.2	8.20	32.0	66.2	50.3	28.4	63.7	71.7	40.1	48.2
MIN	43	31.1	24.0	1.30	5.4	36.0	24.1	1.9	25.5	29.4	.8	19.8
TOT	43	43.0	43.0	43.00	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0

CARMEAN
TEST RUN CARD TWO
BLACK OAK IMPERFECTLY DRAINED

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUVLID 067	75.4	1.9	3.6	1.5	28.4	30.0	31.4	18.6	12.3	135	12	0.	0.	0.
2QUVLID 081	45.4	5.8	13.8	22.8	27.3	22.1	17.9	9.3	13.1	355	16	0.	0.	0.
2QUVLID 089	51.4	.5	.3	20.0	23.6	21.7	26.2	13.6	16.6	135	0	0.	0.	0.
2QUVLID 090	49.3	9.6	6.9	17.0	26.6	26.5	25.8	14.5	15.8	135	0	0.	0.	0.
2QUVLID 092	46.2	4.6	9.0	12.8	25.7	22.4	23.6	10.2	13.3	325	26	3.0	7.0	43.0
2QUVLID 094	62.9	5.3	.9	5.8	34.0	31.8	25.9	14.9	13.8	135	0	0.	0.	0.
2QUVLID 095	61.7	8.7	4.6	7.6	31.7	27.8	26.0	12.9	9.9	135	0	0.	0.	0.
2QUVLID 096	53.8	10.3	6.9	7.7	24.8	21.0	22.7	11.1	14.6	270	20	1.0	10.0	10.0
2QUVLID 099	50.7	8.5	12.5	20.0	28.6	25.1	24.6	11.7	11.1	247	33	5.0	6.0	83.0
2QUVLID 103	58.0	4.5	4.3	3.4	28.5	25.1	26.3	14.9	13.3	135	0	0.	0.	0.
2QUVLID 105	71.4	.6	.1	.6	28.7	31.0	36.5	23.3	13.4	135	0	0.	0.	0.
2QUVLID 108	58.0	4.4	3.8	3.6	25.6	24.7	27.9	15.9	10.9	218	12	10.0	16.0	63.0
2QUVLID 110	64.4	1.1	1.3	1.3	32.4	28.0	28.2	14.2	11.2	135	0	0.	0.	0.
2QUVLID 111	35.7	7.9	10.0	14.3	25.4	22.2	19.0	10.3	6.8	200	17	3.0	8.0	38.0
2QUVLID 116	65.2	7.2	4.3	3.8	24.2	23.6	26.9	14.6	14.1	264	14	2.0	7.0	29.0
2QUVLID 120	49.6	11.9	8.8	12.0	28.6	24.6	25.1	13.1	15.6	145	21	5.0	6.0	83.0
2QUVLID 122	45.9	9.9	10.3	5.8	27.9	25.7	26.0	9.5	12.5	173	22	3.0	10.0	30.0
2QUVLID 123	53.8	1.3	1.8	3.7	30.3	28.5	29.9	12.9	14.6	254	5	7.0	8.0	88.0
2QUVLID 124	51.6	4.6	10.2	7.3	32.5	25.4	24.4	15.7	12.6	240	18	1.0	8.0	13.0
2QUVLID 126	63.5	3.2	.2	.4	27.3	30.2	29.8	17.5	14.6	220	13	5.0	8.0	63.0
2QUVLID 127	46.9	.3	.4	1.4	23.5	22.7	22.7	11.8	15.8	135	0	0.	0.	0.
2QUVLID 130	48.3	17.8	9.6	6.0	24.8	21.5	23.4	15.2	12.3	150	29	4.0	10.0	40.0
2QUVLID 134	61.3	7.5	10.8	10.3	28.4	24.8	27.0	15.0	16.0	135	0	0.	0.	0.
2QUVLID 135	55.7	7.1	20.7	15.4	30.9	24.8	25.2	14.3	15.5	35	26	1.0	11.0	9.0
2QUVLID 137	66.2	15.8	12.4	12.5	27.7	24.6	24.8	15.8	9.9	150	29	1.0	5.0	20.0
2QUVLID 145	55.8	10.6	10.2	.4	29.3	26.6	23.0	12.8	13.9	234	19	3.0	5.0	60.0
2QUVLID 150	48.0	9.6	23.3	17.3	26.8	21.7	25.1	13.0	18.3	225	20	2.0	8.0	25.0
2QUVLID 151	51.2	14.4	8.3	17.7	31.2	26.5	24.7	11.8	14.0	296	29	1.0	7.0	14.0
2QUVLID 161	46.9	6.1	9.1	3.2	27.4	22.3	25.8	13.0	15.0	232	14	2.0	8.0	25.0
2QUVLID 162	72.7	18.8	5.9	12.7	31.6	28.4	28.8	18.7	13.5	108	25	5.0	9.0	56.0
2QUVLID 163	49.8	8.4	11.8	8.5	27.5	23.4	25.0	14.4	16.3	197	18	7.5	10.0	75.0
2QUVLID 017	59.5	9.5	6.9	4.3	25.1	26.9	19.6	9.5	11.4	180	23	3.0	9.0	33.0
2QUVLID 020	59.0	10.0	10.0	3.6	28.3	30.9	27.5	13.5	15.0	278	28	1.5	3.0	50.0
2QUVLID 021	63.4	7.3	9.9	9.8	29.3	27.0	30.1	15.0	12.8	273	27	1.5	7.0	21.0
2QUVLID 168	57.3	12.2	8.4	7.8	24.0	22.4	23.0	8.8	11.3	135	0	0.	0.	0.
2QUVLID 174	73.4	1.0	1.2	.2	26.2	22.5	27.0	12.5	13.6	135	0	0.	0.	0.
2QUVLID 180	64.2	3.3	3.7	9.8	26.9	25.1	27.8	12.6	10.9	163	18	2.0	4.0	50.0
2QUVLID 183	57.7	1.3	.8	4.1	24.2	22.1	25.4	10.7	16.4	135	0	0.	0.	0.
2QUVLID 186	51.7	8.4	11.3	16.4	30.9	24.1	28.0	14.9	15.4	26	37	5.0	12.0	42.0
2QUVLID 188	69.3	4.3	10.2	5.1	29.3	28.9	25.7	9.1	13.6	160	15	2.5	6.5	38.0
2QUVLID 218	69.0	5.4	3.4	1.3	27.6	25.2	31.4	15.3	10.1	265	14	4.0	7.0	57.0
2QUVLID 223	65.8	24.5	29.3	26.6	23.8	25.8	26.9	11.1	12.6	215	26	2.0	5.0	40.0
2QUVLID 065	50.7	4.4	7.0	10.3	25.1	22.2	37.0	23.6	16.9	135	0	0.	0.	0.
AVG	57.2	7.4	7.9	8.7	27.7	25.3	26.3	13.7	13.5	186	21	3.3	7.9	42.8
CVR	15.8	71.1	78.2	77.5	9.7	11.5	14.2	23.7	17.0	38	35	67.1	33.7	53.2
MAX	75.4	24.5	29.3	26.6	34.0	31.8	37.0	23.6	18.3	355	37	10.0	16.0	88.0
MIN	35.7	.3	.1	.2	23.5	21.0	17.9	8.8	6.8	26	5	1.0	3.0	9.0
TOT	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43	30	28.0	28.0	28.0

CARMEAN
TEST RUN CARD ONE
BLACK OAK WELL DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

		SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUVLWD 069G	SIL	65	83.7	87.6	6.60	21.5	53.4	25.1	22.4	44.9	32.7	22.4	22.9
1QUVLWD 071F	SIL	64	72.5	62.0	2.30	32.0	48.5	19.5	27.1	44.5	28.4	22.7	28.9
1QUVLWD 077F	SIL	59	54.4	43.4	3.00	15.8	58.6	25.6	16.6	48.1	35.3	15.6	43.0
1QUVLWD 078G	SIL	61	78.0	89.0	5.00	12.6	55.3	32.1	10.0	53.0	37.0	14.9	46.2
1QUVLWD 080F	SIL	72	56.1	35.0	4.70	41.1	34.5	24.4	35.2	42.6	22.2	42.5	30.9
1QUVLWD 082G	SIL	73	84.9	65.3	6.40	15.7	59.4	24.9	14.6	52.7	32.7	32.1	33.5
1QUVLWD 083H	SIL	87	109.9	84.2	9.90	21.4	53.9	24.7	25.9	44.3	29.8	30.2	39.1
1QUVLWD 084F	GRL	59	68.8	65.8	6.80	26.0	53.9	20.1	26.0	51.3	22.7	30.0	46.1
1QUVLWD 085F	GRL	74	61.1	38.0	5.90	29.3	51.5	19.2	30.8	47.5	21.7	32.4	42.7
1QUVLWD 086F	SAL	80	62.8	35.8	9.50	40.6	37.6	21.8	39.0	37.4	23.6	39.0	35.4
1QUVLWD 087F	CSAL	43	53.6	82.2	6.90	56.6	23.8	19.6	52.0	24.3	23.7	52.4	23.7
1QUVLWD 088F	SAL	77	58.5	33.8	3.70	38.6	42.0	19.4	34.7	40.5	24.8	17.6	29.7
1QUVLWD 091G	SIL	75	55.6	32.6	6.50	11.1	65.5	23.4	9.9	61.4	28.7	17.7	50.3
1QUVLWD 093G	SIL	72	72.0	49.6	6.10	28.9	42.4	28.7	28.3	39.1	32.6	26.1	37.0
1QUVLWD 097F	SAL	86	107.0	79.8	14.10	60.1	23.3	16.6	57.9	21.8	20.3	57.9	21.8
1QUVLWD 098F	SIL	80	93.5	66.2	5.00	30.6	42.9	26.5	26.1	41.7	32.2	21.1	32.5
1QUVLWD 100F	SAL	97	105.8	58.7	7.70	46.9	35.7	17.4	46.8	32.0	21.2	53.2	23.7
1QUVLWD 104F	L	83	66.2	35.6	6.30	41.7	31.7	26.6	40.4	31.6	28.0	33.6	29.7
1QUVLWD 106G	SIL	71	75.2	55.0	5.60	11.7	60.5	27.8	13.1	53.7	33.2	15.0	43.0
1QUVLWD 107F	L	70	71.4	51.4	6.90	40.3	41.9	17.8	48.5	33.7	17.8	48.5	33.7
1QVVLWD 109G	SIL	78	79.4	51.0	5.10	14.0	50.3	35.7	14.1	48.1	37.8	15.7	45.6
1QUVLWD 112G	L	72	52.2	31.8	5.00	14.6	57.8	27.6	13.1	45.7	41.2	25.8	27.2
1QUVLWD 113F	SAL	60	76.2	83.8	6.30	39.2	35.7	25.1	40.2	31.6	28.2	30.2	30.7
1QUVLWD 114F	SICL	48	59.0	76.8	2.50	19.9	50.6	29.5	17.7	40.8	41.5	12.3	44.0
1QUVLWD 115G	SIL	69	64.5	45.8	7.60	17.9	55.4	26.7	14.7	52.9	32.4	40.0	23.6
1QUVLWD 117F	SIL	77	78.0	51.0	8.20	14.2	55.8	30.0	16.5	41.0	42.5	19.8	32.3
1QUVLWD 118F	SIL	78	67.4	39.8	4.25	27.8	42.5	29.7	28.5	40.5	31.0	18.5	40.1
1QUVLWD 119J	SIL	76	71.0	45.3	8.60	8.9	61.4	29.7	8.7	55.6	35.7	12.0	49.7
1QUVLWD 121G	CSIL	90	82.8	43.2	7.20	8.6	59.1	32.3	11.5	51.8	36.7	17.4	44.5
1QUVLWD 125F	SOL	82	94.9	67.1	8.60	40.4	35.3	24.3	36.3	35.3	28.4	39.8	31.8
1QUVLWD 128F	SOL	75	69.2	44.4	7.40	45.9	28.9	25.2	44.7	27.0	28.3	54.2	22.3
1QUVLWD 129F	SIL	55	61.6	61.2	7.10	15.2	61.1	23.7	17.2	46.6	36.2	20.2	33.3
1QUVLWD 131J	SIL	87	96.3	57.8	7.00	16.3	59.9	23.8	14.4	49.8	35.8	13.8	51.9
1QUVLWD 132F	SIL	76	66.8	42.2	3.20	17.0	54.9	28.1	22.0	44.9	33.1	17.3	30.8
1QUVLWD 133F	SIL	74	90.8	73.8	3.90	13.6	48.7	37.7	13.9	43.1	43.0	20.1	37.6
1QUVLWD 136F	SIL	48	54.2	60.3	1.60	20.8	53.2	26.0	18.3	49.7	32.0	20.3	39.7
1QUVLWD 138F	SIL	61	65.1	56.0	2.90	17.7	49.0	33.3	19.4	46.5	34.1	17.7	36.8
1QUVLWD 139F	L	74	43.0	24.3	4.60	18.6	56.1	25.3	19.1	50.3	30.6	28.3	33.9
1QUVLWD 141G	SAL	82	76.7	45.0	9.00	39.9	39.0	21.1	36.9	34.5	28.6	38.9	29.4
1QUVLWD 142G	SAL	84	79.4	46.2	.90	31.5	39.3	29.2	26.7	34.1	39.2	23.0	30.7
1QUVLWD 143G	SIL	72	77.0	57.0	5.40	35.1	45.1	19.8	31.2	39.5	29.3	30.8	34.8
1QUVLWD 144F	SIL	74	88.6	70.8	4.90	28.8	44.8	26.4	23.4	35.0	41.6	17.9	31.2
1QUVLWD 146G	SIL	75	83.8	61.8	6.50	17.5	58.0	24.5	17.5	51.0	31.5	29.0	40.6
1QUVLWD 147G	SIL	67	74.0	60.4	5.50	18.6	58.8	22.6	18.4	49.6	32.0	35.1	36.0
1QUVLWD 148F	SAL	82	103.2	82.6	9.70	52.5	26.9	20.6	53.2	24.4	22.4	49.4	22.9
1QUVLWD 149F	SIL	75	58.9	35.6	6.30	11.6	59.7	28.7	12.6	53.0	34.4	17.6	40.9
1QUVLWD 152F	GSIL	70	93.7	114.9	3.70	13.0	65.9	21.1	12.6	58.4	29.0	14.7	54.7
1QUVLWD 153F	SIL	70	56.9	36.8	4.10	8.7	68.4	22.9	6.7	68.2	25.1	10.0	53.6
1QUVLWD 154G	SIL	65	74.6	62.4	5.40	6.2	70.0	23.8	6.0	63.0	31.0	14.3	50.1
1QUVLWD 156F	SAL	70	53.0	34.2	4.40	45.4	32.9	21.7	31.1	30.9	38.0	7.8	30.8
1QUVLWD 157G	SIL	73	68.8	46.8	3.60	9.7	62.4	27.9	11.2	54.9	33.9	9.9	41.7
1QUVLWD 158F	L	86	98.3	65.0	6.70	31.1	39.2	29.7	28.9	37.6	33.5	23.0	36.3
1QUVLWD 159F	SIL	76	97.3	90.8	4.90	10.5	63.3	26.2	9.2	58.1	32.7	9.4	54.8
1QUVLWD 160F	SIL	61	51.2	38.6	5.70	11.0	63.6	25.4	13.4	55.1	31.5	21.3	50.0
1QUVLWD 164F	SIL	87	80.6	43.6	9.80	11.7	62.3	26.0	11.9	58.2	29.9	16.8	55.4
1QUVLWD 165F	L	74	83.4	61.2	6.10	28.7	42.2	29.1	27.6	40.5	31.9	24.9	38.7
1QUVLWD 166F	SIL	79	100.0	86.6	7.10	12.8	45.6	41.6	12.6	40.6	46.8	13.4	38.5
1QUVLWD 155F	SIL	83	100.6	72.2	6.50	32.2	38.8	29.0	33.9	36.6	29.5	40.9	25.6
1QUVLWD 027F	L	63	74.5	68.0	5.70	35.0	39.9	25.1	28.7	34.9	36.4	27.8	33.9
1QUVLWD 029F	GL	58	48.2	38.0	3.30	29.3	39.8	30.9	29.0	37.6	33.4	36.8	33.2
1QUVLWD 033G	L	69	63.8	45.0	4.20	30.3	45.4	24.3	32.6	42.8	24.6	46.5	29.4
1QUVLWD 036G	L	79	83.5	55.0	4.20	26.8	48.7	24.5	24.9	47.8	27.3	34.9	33.0
1QUVLWD 051F	CL	58	53.4	45.0	2.70	29.5	40.9	29.6	23.5	37.8	38.7	21.9	29.6
1QUVLWD 063F	SIL	58	75.5	93.2	3.00	13.7	59.3	27.0	11.2	53.4	35.4	33.0	31.5
1QUVLWD 064G	SICL	58	69.5	70.2	3.50	5.9	66.2	27.9	4.0	52.4	43.6	.1	27.4
1QUVLWD 065G	SIL	60	65.0	57.4	5.00	9.7	63.3	27.0	9.0	53.2	37.8	11.4	37.9
1QUVLWD 032F	SILD	65	74.4	62.6	5.00	35.4	38.7	25.9	34.8	37.8	27.4	33.1	34.4
1QUVLWD 024F	L	63	71.0	60.2	4.90	34.5	38.9	26.6	30.9	37.2	31.9	24.2	32.7
1QUVLWD 167F	L	50	64.8	94.6	3.60	50.6	28.3	21.1	53.0	25.5	21.5	54.9	18.4
1QUVLWD 171F	SIC	49	54.1	57.8	2.30	12.5	46.0	41.5	11.1	45.9	43.0	13.6	41.4
1QUVLWD 172G	SICL	75	51.8	29.2	4.50	19.1	49.4	31.5	18.2	49.5	32.3	18.5	27.4
1QUVLWD 173G	SICL	68	74.2	57.4	5.60	13.2	52.5	34.3	11.8	56.6	31.6	6.6	56.3
1QUVLWD 182F	SACL	77	92.4	73.2	8.80	53.0	22.8	24.2	50.9	25.3	23.8	35.0	27.4
1QUVLWD 184F	CL	58	69.9	72.6	2.20	23.2	42.7	34.1	12.1	46.5	41.4	10.0	36.2
1QUVLWD 185F	L	74	83.3	61.8	4.20	45.2	32.6	22.2	37.8	38.0	24.2	43.7	25.6

1QUVLWD 187G	SICL	82	44.7	20.4	2.70	11.6	61.2	27.2	7.7	58.5	33.8	8.6	36.4
1QUVLWD 190F	SAL	73	64.4	41.6	4.90	55.1	28.3	16.6	48.3	35.0	16.7	27.9	41.5
1QUVLWD 195F	SIL	66	51.9	36.0	2.40	16.3	59.3	24.4	11.4	61.2	27.4	12.1	46.7
1QUVLWD 199G	SICL	71	47.7	29.0	3.90	17.1	45.2	37.7	6.9	42.0	51.1	5.8	27.8
1QUVLWD 200F	CL	78	99.7	89.0	7.40	26.8	38.1	35.1	20.4	40.6	39.0	26.3	33.6
1QUVLWD 123	SIL	74	83.4	61.8	8.10	7.1	54.1	38.8	4.6	45.7	49.7	5.5	40.7
1QUVLWD 186D	C	77	98.9	92.5	8.20	16.9	38.3	44.8	11.0	38.8	50.2	9.7	38.6
1QUVLWD 203F	SICL	71	49.2	30.0	3.20	14.3	57.2	28.5	9.6	55.9	34.5	10.9	33.0
1QUVLWD 204G	SICL	67	66.6	50.2	3.30	13.3	57.8	28.9	6.8	59.3	33.9	5.2	41.1
1QUVLWD 207F	L	73	91.4	82.2	5.00	45.5	30.6	23.9	45.1	33.8	21.1	49.2	26.3
1QUVLWD 208G	SIL	69	64.1	45.4	2.90	13.3	64.9	21.8	8.0	55.9	36.1	11.3	53.8
1QUVLWD 210F	SAL	61	42.4	30.4	2.30	52.7	27.6	19.7	38.4	28.4	33.2	20.8	43.1
1QUVLWD 211F	SICL	72	83.0	65.0	2.60	15.9	53.6	30.5	12.5	55.1	32.4	12.9	38.6
1QUVLWD 212F	L	67	74.2	59.0	2.80	42.4	35.3	22.3	35.7	38.4	25.9	25.5	33.0
1QUVLWD 214F	SACL	80	67.9	38.6	8.80	49.3	26.8	23.9	44.8	29.7	25.5	41.0	30.6
1QUVLWD 219F	SICL	79	78.5	49.4	4.90	7.4	56.5	36.1	8.6	57.5	33.9	15.8	50.3
1QUVLWD 221G	SIL	73	78.8	56.2	3.30	9.3	66.2	23.4	4.6	70.0	25.4	6.7	52.2
1QUVLWD 222G	SICL	62	47.9	35.2	2.80	13.4	50.9	35.7	11.8	51.4	36.8	30.1	37.9
1QUVLWD 226G	SICL	65	58.9	43.4	2.70	7.9	55.9	36.2	5.2	54.0	40.8	5.7	47.8
1QUVLWD 229F	CL	56	65.8	66.8	3.20	25.2	43.1	31.7	21.9	44.7	33.4	10.5	38.0
1QUVLWD 233F		89	89.0	50.2	4.60	18.8	52.1	29.1	12.0	55.5	32.5	11.0	53.5
AVG		71	72.7	56.6	5.28	25.0	48.1	26.9	22.9	44.8	32.3	24.0	36.9
CVR		14	22.4	33.5	42.98	56.9	25.0	21.1	60.0	23.2	21.7	56.3	24.5
MAX		97	109.9	114.9	14.10	60.1	70.0	44.8	57.9	70.0	51.1	57.9	56.3
MIN		43	42.4	20.4	.90	5.9	22.8	16.6	4.0	21.8	16.7	.1	18.4
TOT		96	96.0	96.0	96.00	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

CARMEAN
TEST RUN CARD TWO
BLACK OAK WELL DRAINED

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUVLWD 069	32.7	.6	3.3	3.3	20.9	18.9	18.9	8.3	24.8	135	4	0.	0.	0.
2QUVLWD 071	48.4	13.8	15.3	6.2	22.8	18.4	20.8	7.5	17.9	225	19	1.0	13.0	8.0
2QUVLWD 077	41.4	18.0	31.8	54.3	28.8	21.8	21.0	9.5	11.4	262	24	1.0	9.0	11.0
2QUVLWD 078	38.9	1.9	1.0	2.0	26.1	23.8	24.8	10.9	18.1	212	15	12.0	16.0	75.0
2QUVLWD 080	26.6	2.6	5.6	5.9	19.8	16.2	14.6	7.3	12.1	279	34	2.0	5.0	40.0
2QUVLWD 082	34.4	.8	.4	.8	22.6	20.3	19.0	8.7	16.4	190	10	3.0	5.0	60.0
2QUVLWD 083	30.7	3.4	4.4	21.2	22.6	20.0	18.1	7.1	17.9	135	0	0.	0.	100.0
2QUVLWD 084	23.9	37.5	42.5	46.3	21.5	17.8	16.3	6.6	16.4	270	33	7.0	9.0	78.0
2QUVLWD 085	24.9	33.5	41.7	48.2	20.0	16.6	15.2	6.8	14.1	225	40	8.0	10.0	80.0
2QUVLWD 086	25.6	4.8	5.1	3.8	18.9	16.5	17.1	7.2	17.5	270	17	6.0	7.0	80.0
2QUVLWD 087	23.9	11.1	40.9	46.4	14.0	14.1	11.8	5.4	16.8	260	52	1.0	5.0	20.0
2QUVLWD 088	52.7	25.8	35.8	20.7	20.2	16.5	23.0	11.5	14.8	210	31	1.0	5.0	20.0
2QUVLWD 091	32.0	.6	1.4	7.9	26.8	21.7	22.6	10.4	13.3	135	0	0.	0.	0.
2QUVLWD 093	36.9	9.9	14.4	12.8	24.2	21.4	22.7	15.7	16.7	310	20	6.0	8.0	75.0
2QUVLWD 097	20.3	.6	1.8	1.8	11.2	12.3	12.3	6.1	13.3	115	34	1.5	3.0	50.0
2QUVLWD 098	46.4	8.7	11.5	9.1	23.4	17.3	21.4	11.1	14.4	265	33	4.0	8.0	50.0
2QUVLWD 100	23.1	5.1	4.2	5.4	17.8	17.7	13.9	7.0	17.3	110	40	2.0	4.0	50.0
2QUVLWD 104	36.7	17.4	20.1	17.0	21.2	18.0	19.5	9.5	13.3	180	36	5.0	8.0	40.0
2QUVLWD 106	42.0	2.1	2.5	12.2	25.1	22.7	24.2	13.9	13.5	312	18	1.0	4.0	25.0
2QUVLWD 107	17.8	21.2	41.4	41.4	19.6	14.2	14.2	7.0	6.8	210	43	2.0	3.0	66.0
2QUVLWD 109	38.7	11.7	12.5	27.0	28.4	23.8	22.8	10.0	11.8	72	35	1.0	5.0	20.0
2QUVLWD 112	47.0	.7	5.8	24.2	22.4	21.6	22.2	12.5	16.2	185	17	1.0	3.0	33.0
2QUVLWD 113	39.1	9.9	21.7	28.8	18.6	17.2	19.6	8.4	15.4	182	29	3.0	5.0	60.0
2QUVLWD 114	43.7	19.1	37.0	24.7	27.7	25.6	22.3	10.0	16.3	182	30	1.0	4.0	25.0
2QUVLWD 115	36.4	.4	1.7	5.7	24.8	23.1	21.0	10.1	16.4	135	0	0.	0.	0.
2QUVLWD 117	47.9	13.1	13.2	23.1	27.1	24.1	25.8	11.5	11.5	285	28	2.5	4.0	63.0
2QUVLWD 118	41.4	18.3	20.0	35.4	24.2	20.5	22.8	9.8	13.8	169	28	5.0	9.0	56.0
2QUVLWD 119	38.3	0.	0.	0.	26.9	23.9	24.6	11.7	16.2	135	0	0.	0.	0.
2QUVLWD 121	38.1	1.5	3.6	3.9	26.0	23.2	22.2	16.4	15.2	275	11	2.0	3.0	66.0
2QUVLWD 125	28.4	8.1	5.8	16.6	21.0	18.3	17.6	6.2	14.5	260	25	6.0	12.0	50.0
2QUVLWD 128	23.5	18.1	16.0	33.8	17.1	17.7	13.4	6.1	15.8	293	59	3.0	6.0	50.0
2QUVLWD 129	46.5	3.6	11.6	9.9	22.6	21.2	23.1	11.7	16.0	197	10	1.0	8.0	13.0
2QUVLWD 131	34.3	.2	.7	.4	24.5	22.7	22.6	11.6	21.0	220	15	2.5	3.0	8.3
2QUVLWD 132	51.9	7.4	17.6	9.8	25.9	21.0	25.0	15.6	17.0	180	39	2.0	3.0	66.0
2QUVLWD 133	42.3	11.0	12.1	8.9	29.4	22.8	21.9	11.3	14.5	80	28	2.0	3.0	66.0
2QUVLWD 136	40.0	20.7	40.4	43.4	26.0	23.5	20.5	10.4	9.3	260	40	1.0	6.0	17.0
2QUVLWD 138	45.5	16.0	20.7	23.8	26.0	21.8	22.5	12.2	9.9	300	25	3.0	7.0	43.0
2QUVLWD 139	37.8	2.1	3.0	14.4	22.4	22.5	19.7	11.0	12.9	215	19	.5	9.0	10.0
2QUVLWD 141	31.7	1.7	3.1	1.4	17.9	17.0	18.8	9.7	15.9	260	30	2.0	10.0	20.0
2QUVLWD 142	46.3	11.2	4.8	13.6	21.7	22.0	23.0	11.0	17.3	330	22	5.0	8.0	63.0
2QUVLWD 143	34.4	3.5	4.9	14.3	21.3	18.1	19.8	9.8	16.4	270	16	4.0	6.0	66.0
2QUVLWD 144	50.9	20.7	20.2	21.6	25.1	23.5	24.4	11.8	12.3	278	28	5.0	10.0	50.0
2QUVLWD 146	30.4	.4	.2	1.8	23.9	21.7	19.7	9.7	15.3	135	0	0.	0.	0.
2QUVLWD 147	28.9	.2	.1	6.9	24.6	21.4	18.4	8.2	15.8	135	0	0.	0.	0.
2QUVLWD 148	27.7	5.2	1.9	2.1	14.9	14.9	16.5	8.2	21.9	10	19	6.5	8.0	81.0
2QUVLWD 149	41.5	4.4	16.3	25.2	25.2	22.6	23.7	11.3	14.8	10	25	1.0	4.5	22.0
2QUVLWD 152	30.6	34.8	39.4	35.2	24.7	19.3	18.5	7.8	14.9	220	43	2.0	4.0	50.0
2QUVLWD 153	36.4	5.9	22.7	16.3	22.1	19.9	20.6	9.3	11.2	275	28	1.5	10.0	15.0
2QUVLWD 154	35.6	6.0	2.4	12.5	22.0	21.0	21.6	10.0	13.1	125	24	3.0	4.0	75.0
2QUVLWD 156	61.4	1.9	2.5	5.1	16.2	17.9	27.8	14.7	13.3	125	17	1.0	6.0	17.0
2QUVLWD 157	48.4	12.3	9.8	5.3	28.3	22.7	27.9	13.5	10.5	135	0	0.	0.	0.
2QUVLWD 158	40.7	13.3	15.1	14.1	24.2	20.4	20.9	10.0	15.6	75	26	3.0	5.0	60.0
2QUVLWD 159	35.8	23.0	19.5	14.1	25.7	20.9	21.8	9.7	17.1	125	35	3.0	5.0	60.0
2QUVLWD 160	28.7	11.6	18.0	13.4	25.7	22.2	18.7	8.0	16.2	135	0	0.	0.	0.
2QUVLWD 164	27.8	23.4	38.5	31.8	26.8	21.9	19.9	9.2	18.4	35	22	7.0	9.0	78.0
2QUVLWD 165	36.4	15.0	8.2	19.8	23.5	19.6	19.8	8.0	16.4	60	50	3.0	30.0	7.0
2QUVLWD 166	48.1	17.1	15.6	22.5	29.9	24.2	22.8	10.6	17.4	85	16	5.5	8.0	69.0
2QUVLWD 155	33.5	21.8	22.6	14.6	23.6	19.3	17.8	7.7	12.7	37	29	2.0	3.0	66.0
2QUVLWD 027	38.3	12.6	11.2	10.9	20.1	19.5	20.3	7.9	20.5	150	25	3.5	9.0	47.0
2QUVLWD 029	30.0	15.9	23.6	16.8	22.2	19.7	16.0	4.7	8.1	130	62	2.0	7.0	29.0
2QUVLWD 033	23.8	8.2	11.9	5.7	22.8	19.5	14.2	6.1	12.9	260	26	5.5	7.0	79.0
2QUVLWD 036	32.1	7.5	7.2	8.0	21.3	19.2	18.3	9.3	14.2	240	14	6.0	7.0	86.0
2QUVLWD 051	48.5	15.6	12.6	9.6	23.0	21.4	23.9	9.3	14.1	220	14	6.0	9.0	66.0
2QUVLWD 053	35.5	8.1	12.7	39.0	26.8	21.6	17.7	7.6	14.3	135	0	0.	0.	0.
2QUVLWD 064	72.5	.4	.4	.3	25.3	23.4	29.0	15.7	18.5	135	0	0.	0.	0.
2QUVLWD 065	50.7	4.4	7.0	10.3	25.1	22.2	31.0	23.6	15.9	135	0	0.	0.	0.
2QUVLWD 032	32.5	22.4	12.5	6.8	20.8	16.9	18.0	6.9	14.3	135	36	6.5	9.0	72.0
2QUVLWD 024	43.1	13.2	11.1	6.2	20.9	19.5	21.9	8.5	15.1	300	23	6.0	8.0	75.0
2QUVLWD 167	26.7	2.7	2.3	.3	17.9	14.4	13.6	5.4	16.8	135	0	0.	0.	0.
2QUVLWD 171	45.0	25.7	33.6	28.8	31.5	24.3	21.4	5.6	9.8	234	31	2.0	6.0	33.0
2QUVLWD 172	54.1	2.2	1.6	2.9	29.0	23.5	25.3	10.9	11.7	134	12	1.0	4.0	25.0
2QUVLWD 173	37.1	7.5	4.6	.6	30.7	24.2	25.4	10.9	13.2	128	19	4.0	6.0	66.0
2QUVLWD 182	37.6	14.6	15.0	19.7	16.0	14.4	19.2	7.8	15.2	46	25	5.5	7.0	79.0

2QUVLWD 184	53.8	15.8	24.0	26.3	28.2	31.2	29.9	13.9	13.3	222	30	4.5	7.0	64.0
2QUVLWD 185	30.7	5.4	6.2	26.8	19.7	24.2	21.6	11.7	13.7	283	28	1.3	2.5	50.0
2QUVLWD 187	55.0	.2	.1	9.8	25.7	31.4	31.9	15.6	14.6	275	12	4.0	6.0	66.0
2QUVLWD 190	30.6	7.2	3.8	9.4	14.8	14.4	16.9	5.8	11.9	500	36	3.5	5.0	70.0
2QUVLWD 195	41.2	8.5	38.2	27.4	24.8	22.0	19.7	6.8	12.2	135	0	0.	0.	0.
2QUVLWD 199	66.4	5.6	4.7	6.9	30.0	26.3	29.1	12.3	13.5	246	16	3.0	10.0	30.0
2QUVLWD 200	40.1	8.0	9.0	18.0	26.5	21.6	19.8	7.6	15.0	0	43	3.5	5.0	70.0
2QUVLWD 123	53.8	1.3	1.8	3.7	30.3	28.5	29.9	12.9	14.6	254	5	2.0	8.0	25.0
2QUVLWD 186	51.7	8.4	11.3	16.4	30.9	24.1	28.0	14.9	15.4	26	37	5.0	12.0	42.0
2QUVLWD 203	56.1	31.1	17.3	12.2	27.4	22.3	27.6	11.3	12.1	172	16	-0.	-0.	33.0
2QUVLWD 204	53.7	26.2	6.4	17.3	28.0	24.0	27.8	11.3	14.4	274	17	0.	0.	33.0
2QUVLWD 207	24.5	6.8	20.4	12.2	19.1	14.9	13.8	6.4	14.9	33	23	0.	0.	57.0
2QUVLWD 208	34.9	1.9	16.4	32.0	26.4	21.6	21.0	9.0	14.0	233	29	0.	0.	33.0
2QUVLWD 210	36.1	11.3	19.9	57.6	17.5	17.6	16.9	6.7	13.3	269	29	0.	0.	15.0
2QUVLWD 211	48.5	15.6	14.6	12.8	25.9	22.1	24.4	9.5	14.6	190	18	0.	0.	62.0
2QUVLWD 212	41.5	34.6	56.3	40.4	21.3	17.6	19.9	7.2	10.4	135	0	0.	0.	0.
2QUVLWD 214	28.4	29.8	37.1	21.8	19.2	15.7	16.3	6.5	13.5	78	18	0.	0.	68.0
2QUVLWD 219	33.9	34.7	47.2	53.8	32.9	25.7	20.9	7.3	15.2	156	32	0.	0.	83.0
2QUVLWD 221	41.1	2.7	3.2	20.3	27.9	22.7	24.8	9.2	14.1	288	21	0.	0.	38.0
2QUVLWD 222	21.0	7.0	14.0	53.0	30.5	27.6	18.2	6.1	12.2	294	59	0.	0.	50.0
2QUVLWD 226	46.5	8.1	3.7	1.2	31.8	26.3	26.4	9.8	10.7	148	17	0.	0.	50.0
2QUVLWD 229	51.5	18.7	33.8	40.8	27.2	23.8	23.1	7.5	10.4	170	23	0.	-0.	14.0
2QUVLWD 233	35.5	28.2	36.7	37.2	23.6	18.6	19.0	4.8	13.2	89	30	0.	0.	87.0
AVG	38.7	11.5	15.0	18.1	23.7	20.8	21.1	9.6	14.5	187	27	3.4	7.0	49.6
CVR	27.1	83.9	89.2	80.5	18.3	17.4	20.5	32.0	19.6	46	44	65.9	56.3	47.8
MAX	72.5	37.5	56.3	57.6	32.9	31.4	31.9	23.6	24.8	500	62	12.0	30.0	100.0
MIN	17.8	.2	.1	.3	11.2	12.3	11.8	4.7	6.8	10	4	.5	2.5	7.0
TOT	96.0	95.0	95.0	95.0	96.0	96.0	96.0	96.0	96.0	95	82	68.0	68.0	82.0

CARMEAN
TEST RUN CARD ONE
CHESTNUT OAK WELL DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

		SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUPRWD 197F	LSA	78	97.2	80.0	5.80	67.2	16.1	16.7	65.5	17.8	16.7	48.9	18.9
1QUPRWD 195F	SIL	65	53.3	37.8	2.40	16.3	59.3	24.4	11.4	61.2	27.4	12.1	46.7
1QUPRWD 175F	GRL	57	73.5	96.2	3.90	31.2	46.9	21.9	26.1	52.7	21.2	39.8	38.2
1QUPRWD 187G	SICL	82	46.0	20.8	2.70	11.6	61.2	27.2	7.7	58.5	33.8	8.6	36.4
1QUPRWD 199F	SICL	68	45.2	29.0	3.90	17.1	45.2	37.7	6.9	42.0	51.1	5.8	27.8
1QUPRWD 203F	SICL	78	54.8	30.2	3.20	14.3	57.2	28.5	9.6	55.9	34.5	10.9	33.0
1QUPRWD 210F	SAL	62	40.2	28.0	2.30	52.7	27.6	19.7	38.4	28.4	33.2	20.8	43.1
1QUPRWD 212F	L	62	69.7	61.5	2.80	42.4	35.3	22.3	35.7	38.4	25.9	25.5	33.0
1QUPRWD 215F	L	68	84.8	79.6	7.80	59.0	21.7	19.3	56.2	24.3	19.5	62.6	17.2
1QUPRWD 216F	SIL	70	81.3	66.2	6.30	26.3	39.2	34.5	22.6	43.2	34.4	24.9	34.3
1QUPRWD 217F	SAL	71	64.1	43.0	4.10	47.9	34.7	17.4	48.4	34.2	17.4	59.5	25.4
1QUPRWD 221G	SIL	67	72.8	57.0	3.30	93.0	66.2	24.5	4.6	70.0	25.4	6.7	52.2
1QUPRWD 222G	SICL	59	45.9	35.8	2.80	13.4	50.9	35.7	11.8	51.4	36.8	30.1	37.9
1QUPRWD 227F	SIL	56	57.1	51.6	2.10	11.5	52.4	36.1	3.8	47.4	48.8	1.8	38.8
1QUPRWD 230F	SIL	61	77.4	84.4	3.00	15.4	56.2	28.4	13.6	55.4	31.0	13.6	50.2
1QUPRWD 232F	SIL	72	67.3	45.0	4.10	13.2	51.0	35.8	14.7	43.7	41.7	17.5	43.2
1QUPRWD 065G	SIL	54	60.5	60.2	5.00	9.7	63.3	27.0	9.0	53.2	37.8	11.4	37.9
1QUPRWD 239F	SIL	70	89.8	87.0	5.00	13.0	55.2	31.8	13.7	55.5	30.8	10.3	48.1
1QUPRWD 241F	SIL	79	103.5	94.4	7.60	22.6	46.0	31.4	17.5	53.6	28.9	15.5	51.8
1QUPRWD 242F	SIL	57	55.1	45.8	5.50	22.3	37.7	40.0	11.9	49.9	38.2	8.7	47.9
1QUPRWD 245G	SIL	64	57.6	43.4	4.40	22.2	51.3	26.5	21.5	50.4	28.1	23.3	42.8
1QUPRWD 031F	L	58	53.4	44.2	2.00	44.4	31.2	24.4	46.6	28.7	24.7	55.9	21.4
1QUPRWD 0V1G	SIL	74	52.6	31.2	3.40	29.0	42.3	28.7	26.7	39.6	33.7	28.7	27.3
1QUPRWD 0V5G	SIL	66	48.2	31.2	2.50	21.4	55.1	23.5	17.7	53.9	28.4	19.6	33.2
1QUPRWD 0V6G	SIL	73	50.5	30.4	2.30	40.2	40.0	19.8	37.8	37.5	24.7	36.9	31.5
1QUPRWD 0V7G	SIL	65	46.0	31.6	2.50	20.2	53.7	26.1	19.3	47.9	32.8	40.3	23.2
1QUPRWD V12F	SIL	70	51.0	32.0	3.30	23.0	44.9	32.1	21.3	47.1	31.6	35.2	32.8
1QUPRWD 247F	SICL	61	61.9	51.3	1.70	32.0	43.3	24.7	31.3	39.8	28.9	10.1	41.2
1QUPRWD 248F	L	59	76.0	90.0	4.40	42.1	35.7	22.2	37.5	38.4	24.1	42.0	32.5
1QUPRWD 254F	SSIL	64	80.5	82.4	2.80	24.1	52.6	23.3	18.0	58.4	23.6	28.1	46.9
1QUPRWD 256F	SIL	37	48.1	77.6	1.90	21.4	53.9	24.7	13.2	52.1	34.7	11.8	37.8
1QUPRWD 0M3F	SSIL	63	71.5	64.6	3.00	24.2	45.4	30.4	13.2	45.1	41.7	6.0	37.6
1QUPRWD 0M8F	SIL	56	65.4	63.6	3.00	18.0	53.3	28.7	12.1	57.5	30.4	7.2	38.8
1QUPRWD M11F	SIL	64	72.6	62.8	3.30	16.2	57.6	26.2	11.9	57.9	30.2	9.9	43.2
1QUPRWD 069G	SIL	69	84.9	76.7	6.60	21.5	53.4	25.1	22.4	44.9	32.7	22.4	44.9
1QUPRWD 071F	SIL	59	67.8	64.3	2.30	32.0	48.5	19.5	27.1	44.5	28.4	22.7	28.9
1QUPRWD 072F	SL	60	73.9	75.4	6.70	43.5	33.5	23.0	40.4	33.0	26.6	25.1	34.3
1QUPRWD 073F	SIL	65	73.9	62.4	4.40	20.3	48.6	31.1	21.7	44.0	34.3	16.6	37.1
1QUPRWD 087F	CSAL	44	55.1	81.8	6.90	56.6	23.8	19.6	52.0	24.3	23.7	52.4	23.7
1QUPRWD 088F	SAL	71	52.6	32.6	3.70	38.6	42.0	19.4	34.7	40.5	24.8	17.6	29.7
1QUPRWD 091G	SIL	71	55.8	35.6	6.50	11.1	65.5	23.4	9.9	61.4	28.7	17.7	50.3
1QUPRWD 100F	SAL	85	99.1	58.3	7.70	46.9	35.7	17.4	46.8	32.0	21.2	53.2	23.7
1QUPRWD 104F	L	77	61.6	35.8	6.30	41.7	31.7	26.6	40.4	31.6	28.0	33.6	29.7
1QUPRWD 112G	L	75	54.0	31.4	5.00	14.6	57.8	27.6	13.1	45.7	41.2	25.8	27.2
1QUPRWD 114F	SICL	43	54.5	80.5	2.50	19.9	50.6	29.5	17.7	40.8	41.5	12.3	44.0
1QUPRWD 115G	SIL	68	63.3	45.0	7.60	17.9	55.4	26.7	14.7	52.9	32.4	40.0	23.6
1QUPRWD 138F	SIL	61	62.1	50.8	2.90	17.7	49.0	33.3	19.4	46.5	34.1	17.7	36.8
1QUPRWD 139F	L	68	42.2	26.2	4.60	18.6	56.1	25.3	19.1	50.3	30.6	28.3	33.9
1QUPRWD 141G	SAL	82	78.3	46.2	9.00	39.9	39.0	21.1	36.9	34.5	28.6	38.9	29.4
1QUPRWD 142F	SAL	76	71.8	45.8	9.00	31.5	39.3	29.2	26.7	34.1	39.2	23.0	30.7
1QUPRWD 148F	SAL	84	104.4	79.6	9.70	52.5	26.9	20.6	53.2	24.4	22.4	49.4	22.9
1QUPRWD 153F	SIL	72	57.9	36.6	4.10	8.7	68.4	22.9	6.7	68.2	25.1	10.0	53.6
1QUPRWD 154G	SIL	63	65.5	53.4	5.40	6.2	70.0	23.8	6.0	63.0	31.0	14.3	50.1
1QUPRWD 155F		71	85.8	73.0	6.50	32.2	38.8	29.0	33.9	36.6	29.5	40.9	25.6
1QUPRWD 156F	SAL	80	56.5	29.8	4.40	45.4	32.9	21.7	31.1	30.9	38.0	7.8	30.8
1QUPRWD 160F	SIL	61	52.8	40.8	5.70	11.0	63.6	25.4	13.4	55.1	31.5	21.3	50.0
1QUPRWD 164F	SIL	85	80.7	45.0	9.80	11.7	62.3	26.0	11.9	58.2	29.9	16.8	55.4
1QUPRWD 166F	SIL	71	89.6	85.0	7.10	12.8	45.6	41.6	12.6	40.6	46.8	13.4	38.5
1QUPRWD 167F	L	47	61.5	93.8	3.60	50.6	28.3	21.1	53.0	25.5	21.5	54.9	18.4
1QUPRWD 063F	SIL	58	73.3	85.3	3.00	13.7	59.3	27.0	11.2	53.4	35.4	33.0	31.5
1QUPRWD 064G	SICL	54	66.2	75.4	3.50	5.9	66.2	27.9	4.0	52.4	43.6	.1	27.4
1QUPRWD 172G	SICL	73	51.4	30.2	4.50	19.1	49.4	31.5	18.2	49.5	32.3	10.5	27.4
AVG		66	65.7	55.6	4.57	27.8	47.2	26.4	23.5	45.3	31.2	24.4	35.7
CVR		16	23.7	38.8	46.04	61.7	26.4	21.2	64.4	25.8	23.4	65.0	27.3
MAX		89	104.4	96.2	9.80	93.0	70.0	41.6	65.5	70.0	51.1	62.6	55.4
MIN		37	40.2	20.8	1.70	5.9	16.1	16.7	3.8	17.8	16.7	.1	17.2
TOT		62	62.0	62.0	62.00	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0

CARMEAN
TEST RUN CARD TWO
CHESTNUT OAK WELL DRAINED

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUPRWD 172	54.1	2.2	1.6	2.9	29.0	23.5	25.3	10.8	11.7	134	12	1.0	4.0	25.0
2QUPRWD 175	22.0	23.7	17.3	30.1	25.7	17.6	14.4	5.0	0.	135	0	0.	0.	0.
2QUPRWD 187	55.0	.2	.1	9.8	25.7	31.4	31.9	15.6	14.6	275	12	4.0	6.0	66.0
2QUPRWD 195	41.2	8.5	38.2	27.4	24.8	22.0	19.7	6.8	12.2	135	0	0.	0.	0.
2QUPRWD 197	32.2	5.3	2.1	15.6	12.7	11.2	16.0	6.5	11.4	338	17	2.0	9.0	22.0
2QUPRWD 198	48.6	.1	0.	8.3	27.2	21.5	24.3	10.0	11.2	135	5	0.	0.	0.
2QUPRWD 199	66.4	5.6	4.7	6.9	30.0	26.3	29.1	12.3	13.5	246	16	3.0	10.0	30.0
2QUPRWD 203	56.1	31.1	17.3	12.2	27.4	22.3	27.6	11.3	12.1	172	16	0.	0.	33.0
2QUPRWD 210	36.1	11.3	19.9	57.6	17.5	17.6	16.9	6.7	13.3	269	29	0.	0.	15.0
2QUPRWD 212	41.5	34.6	56.3	40.4	21.3	17.6	19.9	7.2	10.4	135	0	0.	0.	0.
2QUPRWD 215	20.2	14.6	14.7	31.0	16.8	12.6	11.8	5.2	16.4	353	12	1.5	7.0	21.0
2QUPRWD 216	40.8	5.9	8.4	23.7	24.6	23.1	21.0	7.7	14.2	310	32	4.0	7.0	57.0
2QUPRWD 217	15.0	17.9	20.5	31.8	16.7	13.7	10.1	4.4	12.6	284	29	2.0	5.5	36.0
2QUPRWD 221	41.1	2.7	3.2	20.3	27.9	22.7	24.8	9.2	14.1	288	21	0.	0.	38.0
2QUPRWD 222	32.0	7.0	14.0	53.0	30.5	27.6	18.2	6.1	12.2	294	59	0.	0.	50.0
2QUPRWD 227	59.4	18.3	11.2	17.7	31.0	27.9	32.6	10.9	5.5	135	10	0.	0.	0.
2QUPRWD 230	36.2	29.4	31.7	28.7	25.1	22.1	20.4	6.4	11.6	262	38	1.5	8.0	19.0
2QUPRWD 232	39.3	20.8	10.1	45.1	24.8	20.9	19.4	6.6	12.2	321	33	1.5	5.5	27.0
2QUPRWD 065	50.7	4.4	7.0	10.3	25.1	22.2	37.0	23.6	16.9	135	0	0.	0.	0.
2QUPRWD 239	41.6	20.0	40.2	50.5	26.2	21.0	21.6	7.1	12.4	155	37	3.0	6.0	50.0
2QUPRWD 241	32.7	40.8	52.4	56.3	24.5	20.1	19.1	0.	15.6	345	42	4.0	6.5	62.0
2QUPRWD 242	43.4	42.4	38.0	51.9	27.1	22.9	18.6	0.	13.4	305	46	1.0	6.0	17.0
2QUPRWD 245	33.9	15.3	35.6	40.8	22.1	19.6	18.7	7.1	13.4	216	18	1.0	6.5	15.0
2QUPRWD 031	22.7	15.5	40.6	27.3	18.8	16.2	11.4	4.2	11.9	268	34	1.0	3.5	29.0
2QUPRWD 0V1	44.0	9.4	9.7	25.8	29.1	24.0	19.6	4.1	13.1	335	15	0.	0.	0.
2QUPRWD 0V5	47.2	10.2	1.9	15.6	19.3	17.6	19.9	0.	13.9	213	18	1.0	3.5	29.0
2QUPRWD 0V6	31.6	6.8	12.7	49.6	24.6	20.4	19.4	7.2	12.8	245	20	1.0	3.5	29.0
2QUPRWD 0V7	36.5	9.7	4.8	10.0	20.5	18.9	14.8	0.	13.3	260	17	1.0	3.5	29.0
2QUPRWD V12	32.0	19.2	20.5	38.0	25.6	22.2	16.8	5.5	11.3	135	20	0.	0.	0.
2QUPRWD 247	48.7	19.1	17.0	12.1	26.8	19.3	24.2	0.	14.4	229	29	3.0	5.5	55.0
2QUPRWD 248	25.5	9.7	42.6	66.8	18.2	16.2	13.0	0.	13.7	268	41	2.0	6.5	31.0
2QUPRWD 254	25.0	41.4	60.7	64.7	26.0	19.2	16.9	7.4	13.2	135	15	0.	0.	0.
2QUPRWD 256	50.4	45.5	52.2	39.7	20.4	19.8	21.5	0.	14.9	208	38	1.0	9.0	11.0
2QUPRWD 0M3	56.4	23.1	23.1	22.8	28.8	25.8	24.7	9.1	13.3	124	22	7.0	23.0	30.0
2QUPRWD 0M8	54.0	29.4	37.2	25.4	27.8	22.1	22.6	0.	12.4	170	29	8.0	17.0	47.0
2QUPRWD M11	46.9	11.7	11.2	16.2	26.1	22.0	23.1	0.	13.0	130	21	9.5	15.5	61.0
2QUPRWD 069	32.7	.6	3.3	3.3	20.9	18.9	18.9	8.3	24.8	135	4	0.	0.	0.
2QUPRWD 071	48.4	13.8	15.3	6.2	22.8	18.4	20.8	7.5	17.9	225	19	1.0	13.0	8.0
2QUPRWD 072	40.6	16.2	14.0	24.8	20.0	18.3	20.1	7.9	12.2	225	33	3.0	8.0	38.0
2QUPRWD 073	46.3	13.0	22.4	44.3	27.9	22.0	19.4	8.5	0.	334	39	2.0	10.0	20.0
2QUPRWD 087	23.9	11.1	40.9	46.4	14.0	14.1	11.8	5.4	16.8	260	52	1.0	5.0	20.0
2QUPRWD 088	52.7	25.8	35.8	20.7	20.2	16.5	23.0	11.5	14.8	210	31	1.0	5.0	20.0
2QUPRWD 091	32.0	.6	1.4	7.9	26.8	21.7	22.6	10.4	13.3	135	0	0.	0.	0.
2QUPRWD 100	23.1	5.1	4.2	5.4	17.8	14.7	13.9	7.0	17.3	110	40	2.0	4.0	50.0
2QUPRWD 104	36.7	17.4	20.1	17.0	21.2	18.0	19.5	9.5	13.3	180	36	5.0	8.0	63.0
2QUPRWD 112	47.0	6.9	5.8	24.2	22.4	21.6	22.2	12.5	16.2	185	17	1.0	3.0	33.0
2QUPRWD 114	43.7	19.1	37.0	24.7	27.7	25.6	22.3	10.0	16.3	182	30	1.0	4.0	25.0
2QUPRWD 115	36.4	.4	1.7	5.7	24.8	23.1	21.0	10.1	16.4	135	0	0.	0.	0.
2QUPRWD 138	45.5	16.0	20.7	23.8	26.0	21.8	22.5	12.2	9.9	300	25	3.0	7.0	43.0
2QUPRWD 139	37.8	2.1	3.0	14.4	22.4	22.5	19.7	11.0	12.9	215	19	.5	9.0	6.0
2QUPRWD 141	31.7	1.7	3.1	1.4	17.9	17.0	18.8	9.7	15.9	260	30	2.0	10.0	20.0
2QUPRWD 142	46.3	11.2	4.8	13.6	21.7	22.0	23.0	11.0	17.3	330	22	5.0	8.0	63.0
2QUPRWD 148	27.7	5.2	1.9	2.1	14.9	14.9	16.5	8.2	21.9	100	19	6.5	8.0	81.0
2QUPRWD 153	36.4	5.9	22.7	16.3	22.1	19.9	20.6	9.3	11.2	275	28	1.5	10.0	15.0
2QUPRWD 154	35.6	6.0	2.4	12.5	22.0	21.0	21.6	10.0	13.1	225	24	3.0	4.0	75.0
2QUPRWD 155	33.5	21.8	22.6	14.6	23.6	19.3	17.8	7.7	12.7	37	29	1.0	3.0	33.0
2QUPRWD 156	61.4	1.9	2.5	5.1	16.2	17.9	27.8	14.7	13.3	125	17	1.0	6.0	17.0
2QUPRWD 160	28.7	11.6	18.0	13.4	25.7	22.2	18.7	8.0	16.2	135	0	0.	0.	0.
2QUPRWD 164	27.8	23.4	35.5	31.8	26.8	21.9	19.9	9.2	18.4	35	22	7.0	9.0	78.0
2QUPRWD 166	48.1	17.1	15.6	22.5	29.9	24.2	22.8	10.6	17.4	85	16	5.5	8.0	69.0
2QUPRWD 167	26.7	2.7	2.3	.3	17.9	14.4	13.6	5.4	10.8	135	0	0.	0.	0.
2QUPRWD 063	35.5	8.1	12.7	39.0	26.8	21.6	17.7	7.4	14.3	135	0	0.	0.	0.
2QUPRWD 064	72.5	.4	.4	.3	25.3	23.4	29.0	15.7	18.5	135	0	0.	0.	0.
AVG	40.0	13.9	18.5	24.3	23.5	20.4	20.5	8.9	14.0	205	26	2.7	7.4	36.4
CVR	29.5	81.6	86.8	71.0	18.7	18.5	24.9	37.9	20.8	39	45	81.5	53.0	54.9
MAX	72.5	45.5	60.7	66.8	31.0	31.4	37.0	23.6	24.8	353	59	9.5	23.0	81.0
MIN	15.0	.1	.1	.3	12.7	11.2	10.1	4.1	5.5	35	4	.5	3.0	6.0
TOT	63.0	63.0	62.0	63.0	63.0	63.0	63.0	54.0	61.0	63	53	43.0	43.0	47.0

CARMEAN
TEST RUN CARD ONE
CHESTNUT OAK IMPERFECTLY DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

	SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUPRIP 067A SICL	45	58.9	91.7	3.40	11.3	49.0	39.7	8.1	25.5	66.4	4.8	19.8
1QUPRIP 081A SICL	67	82.0	75.2	4.20	31.4	36.0	32.6	21.2	34.9	43.9	20.6	33.0
1QUPRIP 089B SIL	55	69.6	85.8	4.50	14.6	61.3	24.1	13.2	54.6	32.2	13.0	35.6
1QUPRIP 096C SUL	66	49.4	33.4	3.90	21.3	53.9	24.8	21.5	33.6	44.9	16.8	29.4
1QUPRIP 099B SIL	66	53.8	36.2	4.50	13.3	53.8	32.9	13.1	44.5	42.4	12.9	36.4
1QUPRIP 108D SIL	69	72.0	54.0	4.25	9.1	59.4	31.5	10.1	48.3	41.6	11.3	30.7
1QUPRIP 111A SIL	54	65.4	74.6	1.30	30.0	43.2	26.8	28.4	39.8	31.8	40.1	24.0
1QUPRIP 116D SIL	52	59.0	62.4	5.50	14.6	59.0	26.4	10.7	43.8	45.5	8.5	26.3
1QUPRIP 126D SICL	72	52.4	32.2	3.70	10.0	45.8	44.2	2.2	33.2	64.6	4.2	32.3
1QUPRIP 127A SIL	57	71.5	83.8	34.00	13.4	58.3	28.3	15.7	46.7	37.6	24.7	28.4
1QUPRIP 134A SICL	48	61.6	87.0	2.10	11.6	61.5	26.9	10.3	43.3	46.4	6.1	32.6
1QUPRIP 135A SIL	57	72.2	85.0	4.70	15.1	47.9	37.0	15.1	40.8	44.1	12.2	32.1
1QUPRIP 137K CL	49	56.8	66.4	2.90	23.3	40.1	36.6	13.3	31.0	55.7	7.7	26.1
1QUPRIP 161A SIL	55	64.4	67.6	3.00	8.2	66.2	25.6	6.9	63.7	29.4	4.9	48.2
1QUPRIP 162A SIL	66	70.6	56.6	6.00	7.9	52.0	40.1	4.4	36.5	59.1	4.5	22.8
1QUPRIP 168A CL	48	60.0	82.0	2.70	21.5	49.0	29.5	13.1	43.6	43.3	8.1	34.6
1QUPRIP 169C	44	56.9	88.8	3.10	24.8	46.7	28.5	14.4	37.9	47.7	10.8	31.7
1QUPRIP 183A CL	59	72.0	77.8	2.20	25.7	46.5	27.8	19.7	47.1	33.2	16.1	26.2
1QUPRIP 220A SIL	58	70.7	76.4	3.00	11.2	49.5	39.3	4.2	44.7	51.1	3.3	42.9
1QUPRIP 223A L	50	55.0	59.0	2.20	32.0	41.1	26.6	20.1	39.4	40.5	7.7	26.5
1QUPRIP 235L	48	46.7	48.0	2.90	12.1	37.0	50.0	4.8	29.6	65.6	3.2	30.8
1QUPRIP 0M4E SSIL	63	71.0	61.4	3.10	18.6	47.4	34.0	9.9	44.2	45.9	2.0	38.2
1QUPRIP 0M5E SIL	57	66.4	63.4	3.10	9.3	40.4	50.3	3.2	35.1	61.4	.4	31.9
1QUPRIP 0M7E SIL	55	62.7	64.2	2.60	15.5	50.0	34.5	8.6	43.4	48.0	6.5	35.7
1QUPRIP 0M9E SIL	68	73.7	55.7	3.00	14.1	42.9	43.0	6.5	44.5	49.0	3.9	41.2
1QUPRIP M10E SIL	60	63.7	56.4	2.90	13.0	49.4	37.6	6.5	16.1	47.4	.1	27.5
AVG	57	63.8	66.3	4.57	16.6	49.5	33.8	11.7	40.2	46.9	9.8	31.7
CVR	14	13.5	25.7	133.51	43.9	16.0	22.4	55.8	23.3	22.0	88.7	20.2
MAX	72	82.0	91.7	34.00	32.0	66.2	50.3	28.4	63.7	66.4	40.1	48.2
MIN	44	46.7	32.2	1.30	7.9	36.0	24.1	2.2	16.1	29.4	.1	19.8
TOT	26	26.0	26.0	26.00	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0

CARMEAN
TEST RUN CARD TWO
CHESTNUT OAK IMPERFECTLY DRAINED

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUPRIP 067	75.4	1.9	3.6	1.5	28.4	30.0	31.4	18.6	12.3	135	12	0.	0.	0.
2QUPRIP 081	46.4	5.8	13.8	22.8	27.3	22.1	17.9	9.3	13.1	135	16	0.	0.	0.
2QUPRIP 089	51.4	.5	.3	2.0	23.6	21.7	26.1	13.6	16.6	135	-0	0.	0.	0.
2QUPRIP 096	53.8	10.3	5.9	7.7	24.8	21.0	22.7	11.1	14.6	270	20	1.0	10.0	10.0
2QUPRIP 099	.7	8.5	12.5	20.0	28.6	25.1	24.6	11.7	11.1	247	33	5.0	6.0	83.0
2QUPRIP 108	58.0	4.4	3.8	3.6	25.6	24.7	27.9	15.9	10.9	218	12	10.0	16.0	63.0
2QUPRIP 111	35.7	7.9	10.0	14.3	25.4	22.2	19.0	10.3	6.8	200	17	3.0	8.0	38.0
2QUPRIP 116	65.2	7.2	4.3	3.8	24.2	23.6	26.9	14.6	14.1	264	14	2.0	7.0	29.0
2QUPRIP 126	63.5	3.2	.2	.4	27.3	30.2	29.8	17.5	14.6	220	13	5.0	8.0	63.0
2QUPRIP 127	46.9	.3	.4	1.4	23.5	22.7	22.7	11.8	15.8	135	0	0.	0.	0.
2QUPRIP 134	61.3	7.5	10.8	10.3	28.4	24.8	27.0	15.0	16.0	135	0	0.	0.	0.
2QUPRIP 135	55.7	7.1	20.7	15.4	30.9	24.8	25.2	14.3	15.5	35	26	1.0	11.0	9.0
2QUPRIP 137	66.2	15.8	12.4	12.5	27.7	24.6	24.8	15.8	9.9	150	29	1.0	5.0	20.0
2QUPRIP 161	46.9	6.1	9.1	3.2	27.4	22.3	25.8	13.0	15.0	232	14	2.0	8.0	25.0
2QUPRIP 162	72.7	18.8	5.9	12.7	31.6	28.4	28.8	18.7	13.5	108	25	5.0	9.0	56.0
2QUPRIP 168	57.3	12.2	8.4	7.8	24.0	22.4	23.0	8.8	11.3	135	0	0.	0.	0.
2QUPRIP 169	57.5	8.1	6.1	4.3	23.1	24.2	25.6	10.4	13.3	135	20	0.	0.	0.
2QUPRIP 183	57.7	1.3	.8	4.1	24.2	22.1	25.4	10.7	16.4	135	0	0.	0.	0.
2QUPRIP 220	53.8	12.1	2.9	39.8	29.5	24.3	22.9	9.9	13.2	135	33	0.	0.	0.
2QUPRIP 223	65.8	14.5	29.3	26.6	23.8	25.8	26.9	11.1	12.6	215	26	2.0	5.0	40.0
2QUPRIP 235	66.0	10.0	17.7	40.8	32.2	31.3	26.8	-0.	13.8	135	0	0.	0.	0.
2QUPRIP 0M4	59.8	26.6	17.5	44.7	27.6	22.9	23.7	-0.	12.3	123	33	9.0	20.5	47.0
2QUPRIP 0M5	67.7	11.9	27.5	50.3	33.8	28.3	26.7	-0.	11.8	114	18	13.5	20.5	66.0
2QUPRIP 0M7	57.8	19.4	31.3	41.2	29.0	26.0	25.0	-0.	12.6	152	15	11.0	17.0	65.0
2QUPRIP 0M9	54.9	5.5	6.0	14.6	32.2	27.0	25.3	-0.	10.8	106	14	7.0	14.0	50.0
2QUPRIP M10	72.4	2.6	4.8	29.5	29.7	26.0	28.3	-0.	10.8	116	15	11.0	16.0	69.0
AVG	56.6	8.8	10.3	16.7	27.5	24.9	25.4	13.1	13.0	158	20	5.5	11.3	45.8
CVR	25.8	72.2	87.2	92.3	11.3	11.3	11.7	23.4	17.5	36	37	75.8	46.7	48.9
MAX	75.4	26.6	31.3	50.3	33.8	31.3	31.4	18.7	16.6	270	33	13.5	20.5	83.0
MIN	.7	.3	.2	.4	23.1	21.0	17.9	8.8	6.8	35	12	1.0	5.0	9.0
TOT	26.0	26.0	26.0	26.0	26.0	26.0	26.0	20.0	26.0	26	20	16.0	16.0	16.0

CARMEAN
TEST RUN CARD ONE
SCARLET OAK WELL DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

	SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUCOWD 068F SAL	65	78.5	71.4	5.00	38.4	39.2	22.5	42.3	27.0	30.6	42.3	27.0
1QUCOWD 071F SIL	62	71.7	66.0	2.30	32.0	48.5	19.5	27.1	44.5	28.4	22.7	28.9
1QUCOWD 072F SL	68	85.5	83.4	6.70	43.5	33.5	23.0	40.4	33.0	26.6	25.1	34.3
1QUCOWD 078G SIL	63	78.6	80.8	5.00	12.6	55.3	32.1	10.0	53.0	37.0	14.9	48.2
1QUCOWD 080F SIL	72	54.2	33.8	4.70	41.1	34.5	24.4	35.2	42.6	22.2	42.5	30.9
1QUCOWD 082G SIL	75	86.3	64.3	6.40	15.7	59.4	24.9	14.6	52.7	32.7	32.1	33.5
1QUCOWD 084F GRL	70	80.3	64.4	6.80	26.0	53.9	20.1	26.0	51.3	22.7	30.0	46.1
1QUCOWD 085F GL	80	66.4	38.0	5.90	29.3	51.5	19.2	30.8	47.5	21.7	32.4	42.7
1QUCOWD 093G SIL	80	76.5	46.8	6.10	28.9	42.4	28.7	28.3	39.1	32.6	26.1	37.0
1QUCOWD 104F L	82	65.6	35.2	6.30	41.7	31.7	26.6	40.4	31.6	28.0	33.6	29.7
1QUCOWD 106G SIL	70	75.1	55.3	5.60	11.7	60.5	27.8	13.1	53.7	33.2	15.0	43.0
1QUCOWD 107F L	66	67.5	51.8	6.90	40.3	41.9	17.8	48.5	33.7	17.8	48.5	33.7
1QUCOWD 109G SIL	83	83.8	51.3	5.10	14.0	50.3	35.7	14.1	48.1	37.8	15.7	45.6
1QUCOWD 112G S	71	51.6	32.2	5.00	14.6	57.8	27.6	13.1	45.7	41.2	25.8	27.2
1QUCOWD 115G SIL	68	61.4	43.2	7.60	17.9	55.1	26.7	14.7	52.9	32.4	40.0	23.6
1QUCOWD 117F SIL	75	75.8	51.0	6.20	14.2	55.8	30.0	16.5	41.0	42.5	19.8	32.3
1QUCOWD 118F SIL	75	64.4	39.8	4.25	27.8	42.5	29.7	28.5	40.5	31.0	18.5	40.1
1QUCOWD 119J SIL	82	74.7	43.0	8.60	8.9	61.4	29.7	8.7	55.6	35.7	12.0	49.7
1QUCOWD 129F SIL	59	66.3	60.0	7.10	15.2	61.1	23.7	17.2	46.6	36.2	20.2	33.3
1QUCOWD 138F SIL	62	64.9	53.8	2.90	77.7	49.0	33.3	19.4	46.5	34.1	17.7	36.8
1QUCOWD 139F L	72	44.2	25.4	4.60	18.6	56.1	25.3	19.1	50.3	30.6	28.3	33.9
1QUCOWD 141G SAL	82	77.1	45.2	9.00	39.9	39.0	21.1	36.9	34.5	28.6	38.9	29.4
1QUCOWD 142G SAL	82	79.1	46.8	9.00	31.5	39.3	29.2	26.7	34.1	39.2	23.0	30.7
1QUCOWD 143G SIL	68	76.0	60.2	5.40	35.1	45.1	19.8	31.2	39.5	29.3	30.8	34.8
1QUCOWD 144F SIL	71	86.4	73.8	4.90	28.8	44.8	26.4	23.4	35.0	41.6	17.9	31.2
1QUCOWD 153F SIL	69	54.7	36.6	4.10	8.7	68.4	22.9	6.7	68.2	25.1	10.0	53.6
1QUCOWD 154G SIL	65	72.8	61.8	5.40	6.2	70.0	23.8	6.0	63.0	31.0	14.3	50.1
1QUCOWD 156F SAL	74	52.7	31.0	4.40	45.4	32.9	21.7	31.1	30.9	38.0	7.8	30.8
1QUCOWD 157G SIL	69	65.2	45.8	3.60	9.7	62.4	27.9	11.2	54.9	33.9	9.9	14.7
1QUCOWD 160F SIL	63	52.2	38.2	5.70	11.0	63.6	25.4	13.4	55.1	31.5	21.3	50.0
1QUCOWD 164F SIL	84	81.5	46.4	9.80	11.7	62.3	26.0	11.9	38.2	29.9	16.8	55.4
1QUCOWD 027F L	61	71.3	67.3	5.70	35.0	39.9	25.1	28.7	34.9	36.4	27.8	33.9
1QUCOWD 033G L	74	64.2	40.7	4.20	30.3	45.4	24.3	32.6	42.8	24.6	46.5	29.7
1QUCOWD 036G L	85	84.5	48.7	4.20	26.8	48.7	24.5	24.9	47.8	27.0	34.9	33.0
1QUCOWD 064G SICL	59	66.2	62.0	3.50	5.9	66.2	27.9	4.0	52.4	43.6	.1	27.4
1QUCOWD 172G SICL	75	49.0	27.2	4.50	19.1	49.4	31.5	18.2	49.5	32.3	18.5	27.4
1QUCOWD 184F CL	60	74.2	76.5	2.20	23.2	42.7	34.1	12.1	46.5	41.4	10.0	36.2
1QUCOWD 187G SICL	85	47.6	20.8	2.70	11.6	61.2	27.2	7.7	58.5	33.8	8.6	36.4
1QUCOWD 190F SAL	82	74.8	43.4	4.90	55.1	28.3	16.6	48.3	35.0	16.7	27.9	41.5
1QUCOWD 194F SIL	77	83.2	57.0	5.10	12.9	46.6	40.5	6.6	48.2	45.2	6.3	41.0
1QUCOWD 195F SIL	68	55.0	37.4	2.40	16.3	59.3	24.4	11.4	61.2	27.4	12.1	46.7
1QUCOWD 198G SIL	63	68.6	57.0	2.60	17.9	57.5	24.6	11.1	60.7	28.2	9.5	41.9
1QUCOWD 199G SICL	69	46.9	29.4	3.90	17.1	45.2	37.7	6.9	42.0	51.1	5.8	27.8
1QUCOWD 203F SICL	74	52.6	30.8	3.20	14.3	57.2	28.5	9.6	55.9	34.5	10.9	33.0
1QUCOWD 204G SICL	67	66.3	49.8	3.30	13.3	57.8	28.9	6.8	59.3	33.9	5.2	41.1
1QUCOWD 208G SIL	75	66.7	42.0	2.90	13.3	64.9	21.8	8.0	55.9	36.1	11.3	53.8
1QUCOWD 210F SAL	61	42.0	30.2	2.30	52.7	27.6	17.7	38.4	28.4	33.2	20.8	43.1
1QUCOWD 211F SICL	68	78.4	64.6	2.60	16.9	53.6	30.5	12.5	55.1	32.4	12.9	38.6
1QUCOWD 214F SACL	81	71.2	40.6	8.80	49.0	26.8	23.9	44.8	29.7	25.5	41.0	30.6
1QUCOWD 219F SICL	75	74.3	48.8	4.90	7.4	56.5	36.1	8.6	57.5	33.9	15.8	50.3
1QUCOWD 221G SIL	70	75.6	56.0	3.30	9.3	66.2	24.5	4.5	70.0	25.4	5.7	52.2
1QUCOWD 222G SICL	64	480.8	341.4	20.80	130.4	50.9	35.7	11.8	51.4	36.8	30.1	37.9
1QUCOWD 226G SICL	72	650.1	431.2	20.70	70.9	55.9	36.2	5.2	54.0	40.8	5.7	47.8
1QUCOWD 233F SIL	89	88.7	49.6	4.60	18.8	52.1	29.7	12.0	55.5	32.5	11.6	53.5
1QUCOWD 237F L	87	89.9	52.2	7.50	50.2	33.7	16.1	47.1	34.6	18.0	27.9	40.6
1QUCOWD 238F SIL	67	79.1	65.6	4.00	18.6	51.4	30.0	17.3	49.9	32.8	18.8	46.5
1QUCOWD 243F SIL	82	93.2	64.0	6.00	30.8	42.5	26.7	27.7	43.6	28.7	31.4	35.2
1QUCOWD 244F SSIL	68	85.5	77.4	7.20	30.6	43.0	26.4	27.8	45.5	26.7	35.2	35.1
1QUCOWD 245G SIL	66	60.0	43.6	4.40	22.2	51.5	26.5	21.5	50.4	28.1	23.3	42.8
1QUCOWD 247F SICL	58	630.1	561.6	10.70	320.0	43.3	24.7	31.3	39.8	28.9	10.1	41.2
1QUCOWD 031F L	69	63.6	44.2	2.00	44.4	31.2	24.4	46.6	28.7	24.7	55.9	21.4
1QUCOWD 0V1G SIL	69	48.8	31.4	3.40	29.0	42.3	28.7	26.7	39.6	33.7	28.7	27.3
1QUCOWD 0V4G SIL	72	51.6	31.2	2.60	24.0	51.2	24.8	21.2	50.2	28.6	33.6	30.9
1QUCOWD 0V5G SIL	72	50.2	30.2	2.50	21.4	55.1	23.5	17.7	53.9	28.4	19.6	33.2
1QUCOWD 0V6G SIL	72	51.2	31.4	2.30	40.2	40.0	19.8	37.8	37.5	24.7	36.9	31.5
1QUCOWD 0V7G SIL	66	48.4	31.6	2.50	20.2	53.7	26.1	19.3	47.9	32.8	40.3	23.2
1QUCOWD V10G SIL	74	53.7	32.0	3.40	13.0	58.8	30.2	8.4	57.5	34.1	18.5	33.8
1QUCOWD 252F SSL	84	71.2	38.6	4.90	45.8	34.8	19.4	42.8	34.1	23.1	43.2	25.6
AVG	72	90.9	65.6	5.40	32.0	49.4	26.3	21.7	46.4	31.6	22.8	36.9
CVR	11	120.3	130.3	62.23	127.1	21.8	19.6	59.2	21.8	20.9	55.2	24.2
MAX	89	650.1	561.6	20.80	320.0	70.0	40.5	48.5	70.0	51.1	55.9	55.4
MIN	58	42.0	20.8	2.00	5.9	26.8	16.1	4.0	27.0	16.7	.1	14.7
TOT	68	68.0	68.0	68.00	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

CARMEAN
SCARLET OAK WELL DRAINED
TEST RUN CARD TWO

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUCOWD 068	30.6	1.8	7.6	7.6	20.8	0.	18.0	12.1	31.0	225	32	2.0	6.0	50.0
2QUCOWD 071	48.4	13.8	15.3	6.2	22.8	18.4	20.8	7.5	17.9	225	19	1.0	13.0	8.0
2QUCOWD 072	40.6	16.2	14.0	24.8	20.0	18.3	20.1	7.9	12.2	225	33	3.0	8.0	38.0
2QUCOWD 078	38.9	1.9	1.0	2.0	26.1	23.8	24.8	10.9	18.1	212	15	12.0	16.0	75.0
2QUCOWD 080	26.6	2.6	5.4	5.9	19.8	16.2	14.6	7.3	12.1	279	34	2.0	5.0	40.0
2QUCOWD 082	34.4	.8	.4	.8	22.6	20.3	19.0	8.7	16.4	190	10	3.0	5.0	60.0
2QUCOWD 084	23.9	37.5	42.5	46.3	21.5	17.8	16.3	6.6	16.4	270	33	7.0	9.0	78.0
2QUCOWD 085	24.9	33.5	41.7	48.2	20.0	16.6	15.2	6.8	14.1	225	40	8.0	10.0	80.0
2QUCOWD 093	36.9	9.9	14.4	12.8	24.2	21.4	22.7	15.7	16.7	310	20	6.0	8.0	75.0
2QUCOWD 104	36.7	17.4	20.1	17.0	21.2	18.0	19.5	9.5	13.3	180	36	5.0	8.0	63.0
2QUCOWD 106	42.0	2.1	2.5	12.2	25.1	22.7	24.2	13.9	13.5	312	18	1.0	4.0	25.0
2QUCOWD 107	17.8	21.2	41.4	41.4	19.6	14.2	14.2	7.0	6.8	210	43	2.0	3.0	66.0
2QUCOWD 109	38.7	11.7	12.5	27.0	28.4	23.8	22.8	10.0	11.8	72	35	1.0	5.0	20.0
2QUCOWD 112	47.0	.1	5.8	24.2	22.4	21.6	22.2	12.5	16.2	185	17	1.0	3.0	33.0
2QUCOWD 115	36.4	.4	1.7	5.7	24.8	23.1	21.0	10.1	16.4	135	0	0.	0.	0.
2QUCOWD 117	47.9	13.1	13.2	23.1	27.1	24.1	25.8	11.5	11.5	285	28	2.5	4.0	63.0
2QUCOWD 118	41.4	18.3	20.0	35.4	24.2	20.5	22.8	9.8	13.8	169	28	5.0	9.0	56.0
2QUCOWD 119	38.3	0.	0.	0.	26.9	23.9	24.6	11.7	16.2	135	0	0.	0.	0.
2QUCOWD 129	46.5	3.6	11.6	9.9	22.6	21.2	23.1	11.7	16.0	197	10	1.0	8.0	13.0
2QUCOWD 138	45.5	16.0	20.7	23.8	26.0	21.8	22.5	12.2	9.9	300	25	3.0	7.0	43.0
2QUCOWD 139	37.8	2.1	3.0	14.4	22.4	22.5	19.7	11.0	12.9	215	19	.5	9.0	6.0
2QUCOWD 141	31.7	1.7	3.1	1.4	17.9	17.0	18.8	9.7	15.9	260	30	2.0	10.0	20.0
2QUCOWD 142	46.3	11.2	4.8	13.6	21.7	22.0	23.0	11.0	17.3	330	22	5.0	8.0	63.0
2QUCOWD 143	34.4	3.5	4.9	14.3	21.3	18.1	19.8	9.8	16.4	270	16	4.0	6.0	66.0
2QUCOWD 144	50.9	20.7	20.2	21.6	25.2	23.5	24.4	11.8	12.3	278	28	5.0	10.0	50.0
2QUCOWD 153	36.4	5.9	22.7	16.3	22.1	19.9	20.6	9.3	11.2	275	28	1.5	10.0	15.0
2QUCOWD 154	35.6	6.0	2.4	12.5	22.0	21.0	21.6	10.0	13.1	225	24	3.0	4.0	75.0
2QUCOWD 156	61.4	1.9	2.5	5.1	16.2	17.9	27.8	14.7	13.3	125	17	1.0	6.0	17.0
2QUCOWD 157	48.4	12.3	9.8	5.3	28.3	22.7	27.9	13.5	10.5	135	0	0.	0.	0.
2QUCOWD 160	28.7	11.6	18.0	13.4	25.7	22.2	18.7	8.0	16.2	135	0	0.	0.	0.
2QUCOWD 164	27.8	23.4	35.5	31.8	26.8	21.9	19.9	9.2	18.4	35	22	7.0	9.0	78.0
2QUCOWD 027	38.3	12.6	11.2	10.9	20.1	19.5	20.3	7.9	20.5	150	25	3.5	9.0	39.0
2QUCOWD 033	23.8	8.2	11.9	5.7	22.8	19.5	14.2	6.1	12.9	260	26	5.5	7.0	79.0
2QUCOWD 036	32.1	7.5	7.2	8.0	21.3	19.2	18.3	9.3	14.2	240	14	6.0	7.0	86.0
2QUCOWD 064	72.5	.4	.4	.3	25.3	23.4	29.0	15.7	18.5	135	0	0.	0.	0.
2QUCOWD 172	54.1	2.2	1.6	2.9	29.0	23.5	25.3	10.8	11.7	134	12	1.0	4.0	25.0
2QUCOWD 184	53.8	15.8	24.0	26.3	28.2	31.2	29.9	13.9	13.3	222	30	4.5	7.0	64.0
2QUCOWD 187	55.0	.2	.1	9.8	25.7	31.4	31.9	15.6	14.6	275	12	4.0	6.0	66.0
2QUCOWD 190	30.6	7.2	3.8	9.4	14.8	14.4	16.9	5.8	11.9	200	36	3.5	5.0	70.0
2QUCOWD 194	52.7	13.4	34.8	31.0	32.3	26.7	24.0	6.4	13.1	57	33	2.0	5.5	36.0
2QUCOWD 195	41.2	8.5	38.2	27.4	24.8	22.0	19.7	6.8	12.2	135	0	0.	0.	0.
2QUCOWD 198	48.6	.5	0.	8.3	27.2	21.5	24.3	10.0	11.2	135	0	0.	0.	0.
2QUCOWD 199	66.4	5.6	4.7	6.9	30.0	26.3	29.1	12.3	13.5	246	16	3.0	10.0	30.0
2QUCOWD 203	56.1	31.1	17.3	12.1	27.4	22.3	27.6	11.3	12.1	172	16	0.	0.	33.0
2QUCOWD 204	53.7	26.2	6.4	17.3	28.0	24.0	27.8	11.3	14.4	274	17	0.	0.	33.0
2QUCOWD 208	34.9	1.9	16.4	32.0	26.4	21.6	21.0	9.3	14.0	233	29	0.	0.	33.0
2QUCOWD 210	36.1	11.3	19.9	57.6	17.5	17.6	16.9	6.7	13.3	269	29	0.	0.	15.0
2QUCOWD 211	48.5	15.6	14.6	12.8	25.9	22.1	24.4	9.5	14.6	190	18	0.	0.	62.0
2QUCOWD 214	28.4	29.8	37.1	21.8	19.2	15.7	16.3	6.5	13.5	78	18	0.	0.	68.0
2QUCOWD 219	33.9	34.7	47.2	53.8	32.9	25.7	20.9	7.3	15.2	156	32	0.	0.	83.0
2QUCOWD 221	41.1	2.7	3.2	20.3	27.9	22.7	24.8	9.2	14.1	288	21	0.	0.	38.0
2QUCOWD 222	32.0	7.0	14.0	53.0	30.5	27.6	18.2	6.1	12.2	294	59	0.	0.	50.0
2QUCOWD 226	46.5	8.1	3.7	1.2	31.8	26.3	26.4	9.8	10.7	148	17	0.	0.	50.0
2QUCOWD 227	59.4	18.3	11.2	17.7	35.5	31.0	27.9	10.9	8.5	135	0	0.	0.	0.
2QUCOWD 233	35.5	28.2	36.7	37.2	23.6	18.6	19.0	4.8	13.2	89	30	0.	0.	87.0
2QUCOWD 237	31.5	1.6	1.7	4.6	14.3	13.8	19.4	-0.	14.5	221	27	1.5	4.5	33.0
2QUCOWD 238	34.7	51.5	36.6	44.7	27.4	22.1	21.0	0.	12.1	295	19	2.5	5.0	50.0
2QUCOWD 243	32.4	65.2	43.6	34.6	21.5	19.1	25.6	13.5	15.3	222	25	3.0	7.5	40.0
2QUCOWD 244	29.7	25.8	36.2	43.2	22.5	18.9	16.6	6.2	14.6	259	25	2.5	8.5	2.9
2QUCOWD 245	33.9	15.3	35.6	40.8	22.1	19.6	18.7	7.1	13.4	216	18	1.0	6.5	15.0
2QUCOWD 247	48.7	19.1	17.0	12.1	26.8	19.3	24.2	0.	14.4	229	29	3.0	4.5	67.0
2QUCOWD 031	22.7	15.5	40.6	27.3	18.8	16.2	11.4	4.2	11.9	268	34	1.0	3.5	29.0
2QUCOWD 0V1	44.0	9.4	9.7	25.8	29.1	24.0	19.6	4.1	13.1	135	15	0.	0.	0.
2QUCOWD 0V4	35.5	4.7	20.2	42.4	22.1	19.5	17.8	0.	13.8	201	21	1.0	4.5	22.0
2QUCOWD 0V5	47.2	10.2	1.9	15.6	19.3	17.6	19.9	0.	13.9	213	18	1.0	3.5	29.0
2QUCOWD 0V6	31.6	6.8	12.7	49.6	24.6	20.4	19.4	7.2	12.8	245	20	1.0	3.5	29.0
2QUCOWD 0V7	36.5	9.7	4.8	10.0	20.5	18.9	14.8	0.	13.3	260	17	1.0	3.5	29.0
2QUCOWD V10	55.7	8.4	4.1	11.5	34.2	22.7	26.5	10.5	12.8	242	14	1.0	4.5	22.0
2QUCOWD V11	33.5	2.5	3.2	7.7	20.7	20.9	17.3	6.0	13.4	173	16	2.0	45.0	44.0
2QUCOWD V12	32.0	19.2	20.4	38.0	25.6	22.2	16.8	5.5	11.3	135	0	0.	0.	0.
2QUCOWD V13	49.6	17.1	11.5	57.0	28.6	24.1	20.8	4.7	11.2	330	19	.5	2.5	20.0
2QUCOWD V14	54.9	10.2	21.7	13.4	25.5	23.8	23.4	0.	12.0	300	24	4.0	7.5	53.0
2QUCOWD V16	36.1	5.2	5.1	8.0	23.8	22.5	21.5	0.	12.1	265	23	4.0	7.0	57.0

2QUCOWD 252	31.2	39.3	17.1	18.3	19.3	16.5	16.4	6.9	12.2	239	29	2.5	6.0	42.0
2QUCOWD 254	25.0	41.4	60.7	64.7	26.0	19.2	16.9	7.4	13.2	135	15	0.	0.	0.
2QUCOWD 255	42.2	12.3	18.2	20.1	23.8	15.1	20.7	7.3	13.8	124	34	3.0	8.5	35.0
2QUCOWD 259	32.8	43.6	51.2	71.2	30.9	20.7	18.2	0.	14.7	135	4	0.	0.	0.
2QUCOWD 0M3	56.4	23.1	23.1	22.7	28.8	25.8	24.7	9.1	13.3	124	22	7.0	23.0	30.0
2QUCOWD M11	46.7	11.7	11.2	16.2	26.1	22.0	23.1	0.	13.0	130	21	9.5	15.5	6.1
AVG	40.3	13.9	16.8	21.9	24.4	21.2	21.3	9.3	13.9	206	24	3.2	7.8	44.4
CVR	26.9	92.9	86.3	76.7	17.7	17.2	19.7	30.8	21.5	34	38	75.4	79.3	51.3
MAX	72.5	65.2	60.7	71.2	35.5	31.4	31.9	15.7	31.0	330	59	12.0	45.0	87.0
MIN	17.8	.1	.1	.3	14.3	13.8	11.4	4.1	6.8	35	4	.5	2.5	2.9
TOT	79.0	78.0	77.0	78.0	79.0	78.0	79.0	69.0	79.0	79	70	56.0	56.0	67.0

CARMEAN
TEST RUN CARD ONE
SCARLET OAK IMPERFECTLY DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

	SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUCOID 067A SICL	46	59.4	89.4	3.40	11.3	49.0	39.7	8.1	25.5	66.4	4.8	19.8
1QUCOID 089B SIL	51	64.6	82.4	4.50	14.6	61.3	24.1	13.2	54.6	32.2	13.0	35.6
1QUCOID 099B SIL	68	54.9	37.2	4.50	13.3	53.8	32.9	13.1	44.5	42.4	12.9	36.4
1QUCOID 105D SIL	63	59.4	45.2	3.20	6.5	58.1	35.4	4.1	38.3	57.6	2.5	26.1
1QUCOID 108D SIL	65	67.9	53.2	4.25	9.1	59.4	31.5	10.1	48.3	41.6	11.3	30.7
1QUCOID 110 SIL	60	55.2	43.8	3.00	5.4	55.4	39.2	5.4	37.6	57.0	.8	34.8
1QUCOID 116D SIL	51	58.8	64.2	5.50	14.6	59.0	26.4	10.7	43.8	45.5	8.5	26.3
1QUCOID 126D SICL	64	46.6	32.6	3.70	10.0	45.8	44.2	2.2	33.2	64.6	4.2	32.3
1QUCOID 137K CL	52	59.4	62.8	2.90	23.3	40.1	36.6	13.3	31.0	55.7	7.7	26.1
1QUCOID 145A SIL	64	73.3	63.2	4.60	14.4	54.4	31.2	10.9	43.2	45.9	13.4	30.8
1QUCOID 150B SIL	68	63.4	45.4	4.80	14.6	57.5	27.9	12.9	54.1	33.0	12.0	40.0
1QUCOID 161A SIL	56	66.9	69.4	3.00	8.2	66.2	25.6	6.9	63.7	29.4	4.9	48.2
1QUCOID 163A SIL	65	53.7	38.2	3.00	11.9	63.0	25.1	8.3	55.0	36.7	6.5	43.7
1QUCOID 188D C	67	45.5	29.6	2.10	14.2	39.7	46.1	6.9	37.6	55.5	5.9	24.8
1QUCOID 017C SICL	59	56.2	48.0	2.60	18.7	41.7	39.6	6.7	30.5	62.8	3.1	37.4
1QUCOID 020D SIC	54	61.7	62.5	3.40	8.0	47.9	44.1	3.1	32.6	64.3	6.2	34.8
1QUCOID 021D SICL	63	70.9	62.5	2.80	12.2	49.0	38.8	5.5	42.4	52.1	6.3	30.3
1QUCOID 183A CL	62	77.0	80.5	2.20	25.7	46.5	27.8	19.7	47.1	33.2	16.1	26.2
1QUCOID 218D SICL	61	53.6	41.2	2.50	19.9	49.7	32.4	10.4	41.7	47.9	7.8	23.2
1QUCOID 223A L	52	57.5	59.8	2.20	32.0	41.4	26.6	20.1	39.4	40.5	7.7	26.5
1QUCOID 234L	72	66.6	44.6	2.70	15.0	46.2	38.8	11.2	46.6	42.2	5.8	40.1
1QUCOID 236D SIL	65	58.5	43.4	3.60	14.8	47.9	37.3	12.7	47.6	39.7	17.2	32.4
1QUCOID 246C SIL	69	83.9	70.6	4.20	39.1	36.0	24.9	29.7	41.3	29.0	35.0	32.7
1QUCOID 0V3A SIL	73	52.9	31.2	3.10	33.6	40.5	25.9	29.0	39.7	31.3	33.0	24.6
1QUCOID 0V8A SICL	69	50.0	32.2	3.20	15.6	50.7	33.7	14.2	49.1	36.7	15.1	27.8
1QUCOID 0V9A SICL	68	49.2	31.8	2.90	21.9	42.1	36.0	17.2	41.6	41.2	7.7	23.2
1QUCOID V15A SIL	67	51.9	35.4	11.00	17.3	49.5	33.2	14.9	46.0	39.1	9.9	30.2
1QUCOID 0M5E SIL	56	65.8	64.0	3.10	9.3	40.4	50.3	3.2	35.1	61.7	.4	31.9
1QUCOID 0M6E SIL	57	65.5	63.0	2.60	9.8	39.1	91.1	1.3	32.8	65.9	0.	30.5
1QUCOID 0M7E SIL	56	66.4	64.6	2.60	15.5	50.0	34.5	8.6	43.4	48.0	6.5	35.7
1QUCOID 0M9E SIL	70	75.9	55.4	3.00	14.1	42.9	43.0	6.5	44.5	49.0	3.9	41.9
1QUCOID M10E SIL	70	69.7	55.8	2.90	13.0	49.4	37.6	6.5	46.1	47.4	.1	27.5
1QUCOID M16E SIL	69	79.6	64.6	11.60	12.5	48.4	39.1	7.7	47.1	45.2	3.5	36.7
1QUCOID 261L SIL	68	76.3	61.8	13.20	13.2	27.1	59.7	3.2	21.8	75.0	5.1	27.2
AVG	62	62.3	53.8	4.05	15.7	48.5	37.1	10.5	42.0	47.5	9.1	31.7
CVR	11	15.7	29.4	64.83	48.5	17.5	33.5	64.1	20.7	25.8	86.3	20.5
MAX	73	83.9	89.4	13.20	39.1	66.2	91.1	29.7	63.7	75.0	35.0	48.2
MIN	46	45.5	29.6	2.10	5.4	27.1	24.1	1.3	21.8	29.0	.1	19.8
TOT	34	34.0	34.0	34.00	34.0	34.0	34.0	34.0	34.0	34.0	33.0	34.0

CARMEAN
TEST RUN CARD TWO
SCARLET OAK IMPERFECTLY DRAINED

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUCOID 067	75.4	1.9	3.6	1.5	28.4	30.0	31.4	18.6	12.3	135	12	0.	0.	0.
2QUCOID 089	51.4	.5	.3	2.0	23.6	21.7	26.2	13.6	16.6	135	0	0.	0.	0.
2QUCOID 099	50.7	8.5	12.5	20.0	28.6	25.1	24.6	11.7	11.1	247	33	5.0	6.0	83.0
2QUCOID 105	71.4	.6	1.3	.6	28.7	31.0	36.5	23.3	13.4	135	0	0.	0.	0.
2QUCOID 108	58.0	4.4	3.8	3.6	25.6	24.7	27.9	15.9	10.9	218	12	10.0	16.0	63.0
2QUCOID 110	64.4	1.1	1.3	1.3	32.4	28.0	28.2	14.2	11.2	135	0	0.	0.	0.
2QUCOID 116	65.2	7.2	4.3	3.8	24.2	23.6	26.9	14.6	14.1	264	14	2.0	7.0	29.0
2QUCOID 126	63.5	3.2	.2	.4	27.3	30.2	29.8	17.5	14.6	220	13	5.0	8.0	63.0
2QUCOID 137	66.2	15.8	12.4	12.5	27.7	24.6	24.8	15.8	9.9	150	29	1.0	5.0	20.0
2QUCOID 145	55.8	10.6	10.2	.4	29.3	26.6	23.0	12.8	13.9	234	19	3.0	5.0	60.0
2QUCOID 150	48.0	9.6	23.3	17.3	26.8	21.7	25.1	13.0	18.3	225	20	2.0	8.0	25.0
2QUCOID 161	46.9	6.1	9.1	3.2	27.4	22.3	25.8	13.0	15.0	232	14	2.0	8.0	25.0
2QUCOID 163	49.8	8.4	11.8	8.5	27.5	23.4	25.0	14.4	16.3	197	18	7.5	10.0	75.0
2QUCOID 188	69.3	4.3	10.2	5.1	29.9	28.9	25.7	9.1	13.6	160	15	2.5	6.5	38.0
2QUCOID 017	59.5	9.5	9.6	4.3	25.1	26.9	19.6	9.5	11.4	180	23	3.0	9.0	33.0
2QUCOID 020	59.8	10.0	10.0	3.6	28.3	30.9	27.5	13.5	15.0	278	28	1.5	3.0	50.0
2QUCOID 021	63.4	7.3	9.9	9.8	29.3	27.0	30.1	15.0	12.8	273	27	1.5	7.0	21.0
2QUCOID 183	57.7	1.3	.8	4.1	24.2	22.1	25.4	10.7	16.4	135	0	0.	0.	0.
2QUCOID 218	69.0	5.4	3.4	1.3	27.6	25.2	31.4	15.3	10.1	265	14	4.0	7.0	57.0
2QUCOID 223	65.8	24.5	29.3	26.6	23.8	25.8	26.9	11.1	12.6	215	26	2.0	5.0	40.0
2QUCOID 234	54.1	9.0	69.0	10.0	25.8	24.6	25.1	7.7	10.7	183	21	2.0	9.0	22.0
2QUCOID 236	50.4	9.6	13.1	36.9	30.5	23.6	22.3	8.6	11.0	16	35	4.0	8.0	50.0
2QUCOID 246	32.3	9.7	10.4	18.3	19.0	17.5	18.0	7.7	11.5	177	13	4.0	12.0	33.0
2QUCOID 0V3	42.6	4.2	8.7	14.0	30.0	23.1	23.4	10.1	13.2	70	16	1.0	4.0	25.0
2QUCOID 0V8	57.1	5.9	25.8	26.3	28.3	23.0	20.7	6.1	10.8	311	18	1.0	3.0	33.0
2QUCOID 0V9	69.1	15.3	20.8	20.5	28.2	23.4	29.7	13.0	11.4	200	15	1.0	2.5	40.0
2QUCOID V15	59.9	8.3	9.8	25.7	25.7	22.1	24.4	-0.	11.0	265	24	3.0	6.0	50.0
2QUCOID 0M5	67.7	11.9	27.5	50.3	33.8	28.3	26.7	-0.	11.8	114	18	13.5	20.5	67.0
2QUCOID 0M6	69.5	12.4	17.1	53.8	35.1	30.2	27.2	-0.	11.9	140	16	13.0	20.5	63.0
2QUCOID 0M7	57.8	19.4	31.3	41.2	29.0	26.0	25.0	-0.	12.6	152	15	11.0	17.0	65.0
2QUCOID 0M9	54.9	5.5	6.0	14.6	32.2	27.0	25.3	-0.	10.8	106	14	7.0	14.0	50.0
2QUCOID M10	72.4	2.6	4.8	29.5	29.7	26.0	28.3	-0.	10.8	116	15	11.0	16.0	69.0
2QUCOID M16	59.8	5.2	4.7	12.0	32.7	26.3	26.7	-0.	11.6	116	16	2.0	16.0	13.0
2QUCOID 261	67.7	3.8	9.2	48.6	35.2	30.3	24.0	-0.	13.2	135	25	0.	0.	0.
AVG	59.6	7.7	12.5	15.6	28.2	25.6	26.1	12.9	12.7	180	19	4.5	9.3	45.1
DVR	15.9	59.5	104.8	99.7	12.1	12.5	13.5	29.4	16.4	37	33	85.8	56.5	42.7
MAX	75.4	24.5	69.0	53.8	35.2	31.0	36.5	23.3	18.3	311	35	13.5	20.5	83.0
MIN	32.3	.5	.2	.4	19.0	17.5	18.0	6.1	9.9	16	12	1.0	2.5	13.0
TOT	34.0	34.0	34.0	34.0	34.0	34.0	34.0	26.0	34.0	34	30	28.0	28.0	28.0

CARMEAN
TEST RUN CARD ONE
WHITE OAK WELL DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

	SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUALWD 071F SIL	59	67.1	63.8	2.30	32.0	48.5	19.5	27.1	44.5	28.4	22.7	28.9
1QUVLWD 072F SIL	61	77.5	88.6	6.70	43.5	33.5	23.0	40.4	33.0	26.6	25.1	34.3
1QUALWD 074F SAL	70	83.5	70.8	6.50	50.8	28.1	21.1	47.8	25.0	27.2	41.1	25.2
1QUALWD 077F SIL	60	54.4	42.8	3.00	15.8	58.6	25.6	16.6	48.1	35.3	15.6	43.0
1QUALWD 079F SIL	75	92.4	76.6	3.40	33.1	42.2	24.7	31.8	42.3	25.9	32.6	32.8
1QUALWD 080F SIL	70	54.9	35.6	4.70	41.1	34.5	24.4	35.2	42.6	22.2	42.5	30.9
1QUALWD 085F GL	66	58.6	42.0	5.90	29.3	51.5	19.2	30.8	47.5	21.7	32.4	42.7
1QUALWD 086F SAL	77	63.6	37.4	9.50	40.6	37.6	21.8	39.0	37.4	23.6	39.0	35.4
1QUALWD 087F SAL	44	54.5	78.6	6.90	56.6	23.8	19.6	52.0	24.3	23.7	52.4	23.7
1QUALWD 088F SAL	75	51.4	29.0	3.70	36.6	42.0	19.4	34.7	40.5	24.8	17.6	29.7
1QUALWD 093G SIL	70	71.0	51.6	6.10	28.9	42.4	28.7	28.3	39.1	32.6	26.1	37.0
1QUALWD 104F L	78	59.0	35.2	6.30	41.7	31.7	26.6	40.4	31.6	28.0	33.6	29.7
1QUALWD 107F L	59	59.7	51.2	6.90	40.3	41.9	17.8	48.5	33.7	17.8	48.5	33.7
1QUALWD 109G SIL	78	80.2	51.8	5.10	14.0	50.3	35.7	14.1	48.1	37.8	15.7	45.6
1QUALWD 113F SAL	61	74.4	74.0	6.30	39.2	35.7	25.1	40.2	31.6	28.2	30.2	30.7
1QUALWD 117F SIL	70	71.7	52.4	6.20	14.2	55.8	30.0	16.5	41.0	42.5	19.8	32.3
1QUALWD 119G SIL	69	63.8	44.8	8.60	89.0	61.4	29.7	8.7	55.6	35.7	12.0	49.7
1QUALWD 121G CSIL	78	73.3	45.5	7.20	8.6	59.1	32.3	11.5	51.8	36.7	17.4	44.5
1QUALWD 128F SAL	69	62.4	43.6	7.40	45.9	28.9	25.2	44.7	27.0	28.3	54.2	22.3
1QUALWD 132F SIL	75	66.0	41.6	3.20	17.0	54.9	28.1	22.0	44.9	33.1	17.3	30.8
1QUALWD 136F SIL	46	53.8	67.4	1.60	20.8	53.2	26.0	18.3	49.7	32.0	20.3	39.7
1QUALWD 138F SIL	59	63.2	55.2	2.90	17.7	49.0	33.3	19.4	46.5	34.1	17.7	36.8
1QUALWD 139F L	68	41.6	25.8	4.60	18.6	56.1	25.3	19.1	50.3	30.6	28.3	33.9
1QUALWD 142G SAL	79	75.8	46.5	9.00	31.5	39.3	29.2	26.7	34.1	39.2	23.0	30.7
1QUALWD 143G SIL	66	70.8	56.2	5.40	35.1	45.1	19.8	31.2	39.5	29.3	30.8	34.8
1QUALWD 144F SIL	66	82.2	80.2	4.90	28.8	44.8	26.4	23.4	35.0	41.6	17.9	31.2
1QUALWD 146G SIL	71	78.0	58.4	6.50	17.5	58.0	24.5	17.5	51.0	31.5	29.0	40.6
1QUALWD 147G SIL	66	73.6	60.8	5.50	18.6	58.8	22.6	18.4	49.6	32.0	35.1	36.0
1QUALWD 156F SAL	75	53.2	31.0	4.40	45.4	32.9	21.7	31.1	30.9	38.0	7.8	30.8
1QUALWD 157G SIL	68	62.8	44.7	3.60	9.7	62.4	27.9	11.2	54.9	33.9	9.9	41.7
1QUALWD 158F L	81	93.9	66.0	6.70	31.1	39.2	29.7	28.9	37.6	33.5	23.0	36.3
1QUALWD 159F SIL	71	91.2	90.0	4.90	10.5	63.3	26.2	9.2	58.1	32.7	9.4	54.8
1QUALWD 165F L	73	80.8	59.3	6.10	28.7	42.2	29.1	27.6	40.5	31.9	24.9	38.7
1QUALWD 166F SIL	75	95.2	85.8	7.10	12.8	45.6	41.6	12.6	40.6	46.8	13.4	38.5
1QUALWD 027F L	59	66.5	61.5	5.70	35.0	39.9	25.1	28.7	34.9	36.4	27.8	33.9
1QUALWD 029F CL	59	39.0	29.2	3.30	29.3	39.8	30.7	29.0	37.6	33.4	36.8	33.2
1QUALWD 033G L	64	56.5	42.2	4.20	30.3	45.4	24.3	32.6	42.8	24.6	46.5	29.7
1QUALWD 123D SAL	75	82.0	58.8	8.10	7.1	54.1	38.8	4.6	45.7	49.7	5.5	40.7
1QUALWD 036G L	78	80.4	52.8	4.20	26.8	48.7	24.5	24.9	47.8	27.3	34.9	33.0
1QUALWD 051F CL	58	49.0	39.8	2.70	29.5	40.9	29.6	23.5	37.8	38.7	21.9	29.6
1QUALWD 063F SIL	61	79.7	95.7	3.00	13.7	59.3	27.0	11.2	53.4	35.4	33.0	31.5
1QUALWD 064G SICL	54	62.0	62.5	3.50	5.9	66.2	27.9	4.0	52.4	43.6	.1	27.4
1QUALWD 032F SIL	60	64.8	56.0	5.00	35.4	38.7	25.9	34.8	37.8	27.4	33.1	34.4
1QUALWD 015G SIL	56	63.0	60.0	5.70	33.7	43.9	22.4	34.0	43.1	22.9	45.6	30.8
1QUALWD 061F	72	71.2	49.7	6.40	30.8	39.2	30.0	26.3	40.7	33.0	13.5	40.2
1QUALWD 171F SIC	49	54.3	59.2	2.30	12.5	46.0	4.5	11.1	45.9	43.0	13.6	41.4
1QUALWD 172G SICL	74	50.5	29.0	4.50	19.1	49.4	31.5	18.2	49.5	32.3	18.5	27.4
1QUALWD 173G SICL	71	78.3	59.0	5.60	13.2	52.5	34.3	11.8	56.6	31.6	6.6	56.3
1QUALWD 176F	75	93.5	82.8	7.70	23.2	51.0	25.8	21.0	51.6	27.4	38.7	33.8
1QUALWD 177H L	76	93.8	78.8	5.50	42.7	33.4	23.9	48.1	27.6	24.3	70.6	13.5
1QUALWD 178F	77	95.1	80.4	7.10	30.3	43.6	26.1	32.6	41.3	26.1	41.4	34.2
1QUALWD 179H L	69	86.8	82.2	7.50	39.7	35.3	25.0	49.3	29.2	21.5	59.1	23.2
1QUALWD 181F SIL	69	78.4	62.6	3.60	35.5	30.4	34.1	26.7	35.0	38.3	23.6	32.7
1QUALWD 182F SACL	74	89.4	72.7	8.80	53.0	22.8	24.2	50.9	25.3	23.8	35.0	27.4
1QUALWD 184F CL	56	68.3	77.2	2.20	23.2	42.7	34.1	12.1	46.5	41.4	10.0	36.2
1QUALWD 185F L	72	84.5	67.0	4.20	45.2	32.6	22.2	37.8	38.0	24.2	43.7	25.6
1QUALWD 187G SICL	76	40.4	20.4	2.70	11.6	61.2	27.2	7.7	58.5	33.8	8.6	36.4
1QUALWD 189G SIL	64	77.3	74.0	4.00	18.6	53.3	28.1	17.2	53.4	29.4	20.4	41.7
1QUALWD 190F SSIL	69	64.1	45.6	4.90	55.1	28.3	16.6	48.3	35.0	16.7	27.9	41.5
1QUALWD 191F SICL	75	92.0	78.2	6.20	10.3	53.5	36.2	5.6	55.7	38.7	11.6	50.3
1QUALWD 192F SICL	76	83.6	58.4	5.90	17.0	52.5	30.5	9.5	56.4	34.1	17.4	47.5
1QUALWD 193F SIL	70	75.3	535.8	7.00	16.8	58.8	24.4	13.5	61.3	25.2	17.0	58.3
1QUALWD 194F SIL	70	80.0	66.0	5.10	12.9	46.6	40.5	6.6	48.2	45.2	6.3	41.0
1QUALWD 195F SIL	63	51.3	37.4	2.40	16.3	59.3	23.2	11.4	61.2	27.4	12.1	46.7
1QUALWD 196H SIL	90	109.1	72.8	7.10	18.7	63.1	18.2	17.4	59.4	23.2	13.5	57.5
1QUALWD 197F LSA	77	95.1	79.8	5.80	67.2	16.1	16.7	65.5	17.8	16.7	48.9	18.9
1QUALWD 198G SIL	55	59.5	57.2	2.60	17.9	57.5	24.6	11.1	60.7	28.2	9.5	41.9
1QUALWD 199G SICL	69	44.1	27.0	3.90	17.1	45.2	37.7	6.9	42.0	51.1	5.8	27.8
1QUALWD 201F L	80	96.9	75.2	5.70	39.1	32.0	28.9	31.7	38.3	30.0	23.6	30.2
1QUALWD 202F SIL	67	65.7	48.6	5.90	28.0	39.7	32.3	24.2	41.8	34.0	18.5	41.3
1QUALWD 203F SICL	70	46.8	29.0	3.20	14.3	57.2	28.5	9.6	55.9	34.5	10.9	33.0
1QUALWD 204G SICL	60	61.3	52.0	3.30	13.3	57.8	28.9	6.8	59.3	33.9	5.2	41.1
1QUALWD 206F CL	79	99.6	83.8	6.60	22.9	37.2	39.9	19.2	38.0	42.8	20.0	35.4
1QUALWD 207F L	69	86.4	82.8	5.00	45.5	30.6	23.9	45.1	33.8	21.1	49.2	26.3
1QUALWD 208G SIL	63	60.9	47.5	2.90	13.3	64.9	21.8	8.0	55.9	36.1	11.3	53.8

1QUALWD	024F	SIL	61	66.2	56.4	4.90	34.5	38.9	26.6	30.9	37.2	31.9	24.2	32.7
1QUALWD	065G	SIL	55	57.4	53.8	5.00	9.7	63.3	27.0	9.0	53.2	37.8	11.4	37.9
1QUALWD	211F	SICL	73	84.3	64.6	2.60	15.9	53.9	30.5	12.5	55.1	32.4	12.9	38.6
1QUALWD	214F	SACL	78	67.0	39.6	8.80	49.3	26.8	23.9	44.8	29.7	25.5	41.0	30.6
1QUALWD	215F	L	78	96.8	80.8	7.80	59.0	21.7	19.3	56.2	24.3	19.5	62.6	17.2
1QUALWD	216F	SIL	70	82.3	66.8	6.30	26.3	39.2	34.5	22.4	43.2	34.4	24.9	34.3
1QUALWD	219F	SICL	75	74.4	49.2	4.90	74.0	56.5	36.1	8.6	57.5	33.9	15.8	50.3
1QUALWD	221G	SIL	67	73.3	57.8	3.30	9.3	66.2	24.5	4.6	70.0	25.4	6.7	52.2
1QUALWD	222G	SICL	64	48.0	34.2	2.80	13.4	50.9	35.7	11.8	51.4	36.8	30.1	37.9
1QUALWD	225F	L	83	97.2	67.4	5.20	10.8	59.9	29.3	9.0	59.3	31.7	16.7	54.6
1QUALWD	226G	SICL	64	57.2	42.6	2.70	7.9	55.9	36.2	5.2	54.0	40.8	5.7	47.8
1QUALWD	227F	SIL	58	59.5	51.4	2.10	11.5	52.4	36.1	3.8	47.4	48.8	1.8	38.8
1QUALWD	228F	SIL	72	83.7	67.0	4.30	10.1	68.0	21.9	8.0	49.9	42.1	8.7	44.1
1QUALWD	229F	CL	63	72.9	66.2	3.20	25.2	43.1	31.7	21.9	44.7	33.4	10.5	38.0
1QUALWD	233F	SIL	83	84.4	50.6	4.60	18.8	52.1	29.1	12.0	55.5	32.5	11.0	53.5
1QUALWD	239F	SIL	67	87.3	87.8	5.00	13.0	55.2	31.8	13.7	55.5	30.8	10.3	48.1
1QUALWD	240F	SSIL	76	94.6	82.0	5.60	14.0	54.2	31.8	9.8	58.5	31.7	15.0	53.9
1QUALWD	242F	SIL	60	57.8	46.8	5.50	22.3	37.7	40.0	11.9	49.9	38.2	8.7	47.9
1QUALWD	031F	L	57	53.5	46.0	2.00	44.4	31.2	24.4	46.6	28.7	24.7	55.9	21.4
1QUALWD	055F	L	63	48.6	57.2	5.00	37.9	35.3	26.8	33.3	38.2	28.5	32.1	34.4
1QUALWD	057F	SIL	57	69.4	77.0	2.00	31.2	34.7	34.1	31.6	33.2	35.2	37.1	29.6
1QUALWD	0V1G	SIL	72	49.9	30.2	3.40	29.0	42.3	28.7	26.7	39.6	33.7	28.7	27.3
1QUALWD	0V5G	SIL	66	46.8	30.4	2.50	21.4	55.1	23.5	17.7	53.9	28.4	19.6	33.2
1QUALWD	V10G	SIL	70	50.6	32.2	3.40	13.0	56.8	30.2	8.4	57.5	34.1	10.5	33.8
1QUALWD	V11G	SIL	71	51.8	32.2	4.20	21.7	48.9	29.4	19.5	46.6	33.9	21.9	44.6
1QUALWD	V12F	SIL	67	49.9	32.8	3.30	23.0	44.9	32.1	21.3	47.1	31.6	35.2	32.8
1QUALWD	247F	SICL	55	59.2	56.5	1.70	32.0	43.3	24.7	31.3	39.8	28.9	10.1	41.2
1QUALWD	250F	SSIL	73	65.8	43.2	5.30	20.2	41.5	38.3	21.0	45.1	33.9	22.5	40.5
1QUALWD	251F	SL	76	52.2	29.4	5.40	49.8	22.6	27.6	49.7	26.4	23.9	44.7	30.5
1QUALWD	252F	STL	75	64.7	40.2	4.90	45.8	34.8	19.4	42.8	34.1	23.1	43.2	25.6
1QUALWD	253F	SIL	68	85.2	81.2	5.40	18.0	49.8	32.2	15.2	53.2	31.6	15.8	51.7
1QUALWD	255F	L	77	75.1	49.3	8.20	44.0	32.6	23.4	37.5	36.5	21.0	28.2	30.6
1QUALWD	257F	SSIL	62	59.1	48.0	4.80	37.0	29.8	33.2	37.4	29.5	33.1	31.4	31.6
1QUALWD	259I	SSIL	68	61.9	43.6	4.10	24.3	44.1	31.6	21.2	47.8	31.0	20.3	46.9
1QUALWD	0M1F	SSIL	71	83.8	68.2	3.90	16.4	53.3	30.3	13.3	54.6	32.1	13.6	48.2
1QUALWD	0M2F	SSIL	67	76.9	63.0	3.80	17.3	44.5	38.2	12.2	47.5	40.3	12.4	47.4
1QUALWD	0M3F	SSIL	63	71.8	64.4	3.00	24.2	45.4	30.4	13.2	45.1	41.7	6.0	37.6
1QUALWD	044R	L	68	85.0	82.6	7.50	55.0	23.4	21.6	56.1	22.4	21.5	68.4	15.0
1QUALWD	043F	L	60	73.2	72.2	6.00	40.4	30.7	28.9	34.7	36.6	28.7	33.9	35.2
AVG			68	70.4	61.0	4.96	28.0	45.3	27.7	24.1	44.0	31.8	24.5	36.8
CVR			12	21.9	79.0	36.92	55.3	25.7	21.7	59.4	23.8	22.2	61.8	25.3
MAX			90	109.1	535.8	9.50	89.0	68.0	41.6	65.5	70.0	51.1	70.6	58.3
MIN			44	39.0	20.4	1.60	5.9	16.1	4.5	3.8	17.8	16.7	.1	13.5
TOT			114	114.0	114.0	114.00	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0

CARMEAN
WHITE OAK WELL DRAINED
TEST RUN CARD TWO

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
QUALWD 250	37.0	28.5	42.7	41.3	27.3	22.8	19.3	7.1	12.6	265	50	3.0	11.0	27.0
2QUALWD 044	16.6	0.	.3	.3	16.0	14.6	9.4	0.	18.2	135	-0	0.	0.	100.0
2QUALWD 117	47.9	13.1	13.2	23.1	27.1	24.1	25.8	11.5	11.5	285	28	2.5	4.0	63.0
2QUALWD 119	38.3	0.	0.	0.	26.9	23.9	24.6	11.7	16.2	135	3	0.	0.	0.
2QUALWD 121	38.1	1.5	3.6	3.9	26.0	23.2	22.2	16.4	15.2	275	11	2.0	3.0	66.0
2QUALWD 128	23.5	18.1	16.0	33.8	17.1	17.7	13.4	6.1	15.8	293	59	3.0	6.0	50.0
2QUALWD 132	51.9	7.4	17.6	9.8	25.9	21.0	25.0	15.6	17.0	180	39	2.0	3.0	66.0
2QUALWD 136	40.0	20.7	40.4	43.4	26.0	23.5	20.5	10.4	9.0	260	40	1.0	6.0	17.0
2QUALWD 138	45.5	16.0	20.7	23.8	26.0	21.8	22.5	12.2	9.9	300	25	3.0	7.0	43.0
2QUALWD 139	37.8	2.1	3.0	14.4	22.4	22.5	19.7	11.0	12.9	215	19	.5	9.0	6.0
2QUALWD 142	46.3	11.2	4.8	13.6	21.7	22.0	23.0	11.0	17.3	330	22	5.0	8.0	40.0
2QUALWD 143	34.4	3.5	4.9	14.3	21.3	18.1	19.8	9.8	16.4	270	16	4.0	6.0	66.0
2QUALWD 144	50.9	20.7	20.2	21.6	25.2	23.5	24.4	11.8	12.3	278	28	5.0	10.0	50.0
2QUALWD 146	30.4	.4	.2	1.8	23.9	21.7	19.7	9.7	15.3	135	8	0.	0.	0.
2QUALWD 147	28.9	.2	.1	6.9	24.6	21.4	18.4	8.2	15.8	135	5	0.	0.	0.
2QUALWD 071	48.4	13.8	15.3	6.2	22.8	18.4	20.8	7.5	17.9	225	19	1.0	13.0	8.0
2QUALWD 072	40.6	16.2	14.0	24.8	20.0	18.3	20.1	7.9	12.2	225	33	3.0	8.0	38.0
2QUALWD 074	33.7	28.2	23.9	27.2	16.6	14.9	16.9	7.6	13.8	340	27	5.0	10.0	50.0
2QUALWD 077	41.4	18.0	31.8	54.3	28.8	21.3	21.0	9.5	11.4	262	24	1.0	19.0	5.0
2QUALWD 079	34.6	6.9	11.8	14.3	21.4	18.0	18.2	8.5	11.4	281	13	3.0	8.0	38.0
2QUALWD 080	26.6	2.6	5.4	5.9	19.8	16.2	14.6	7.3	12.1	279	34	2.0	5.0	40.0
2QUALWD 085	24.9	33.5	41.7	48.2	20.0	16.6	15.2	6.8	14.1	225	40	8.0	10.0	80.0
2QUALWD 086	25.6	4.8	5.1	3.8	18.9	16.5	17.1	7.2	17.5	270	17	6.0	7.0	86.0
2QUALWD 087	23.9	11.1	40.9	46.4	14.0	14.1	11.8	5.4	16.8	260	52	1.0	5.0	20.0
2QUALWD 088	52.7	25.8	35.8	20.7	20.2	16.5	23.0	11.5	14.8	210	31	1.0	5.0	20.0
2QUALWD 093	36.9	9.9	14.4	12.8	24.2	21.4	22.7	15.7	16.7	310	20	6.0	8.0	75.0
2QUALWD 104	36.7	17.4	20.1	17.0	21.2	18.0	19.5	9.5	13.3	180	36	5.0	8.0	63.0
2QUALWD 107	17.8	21.2	41.4	41.4	19.6	14.2	14.2	7.0	6.8	210	43	2.0	3.0	66.0
2QUALWD 109	38.7	11.7	12.5	27.0	28.4	23.8	22.8	10.0	11.8	72	35	1.0	5.0	20.0
2QUALWD 113	39.1	9.9	21.7	28.8	18.6	17.2	19.6	8.4	15.4	182	29	3.0	5.0	60.0
2QUALWD 156	61.4	1.9	2.5	5.1	16.2	17.9	27.8	14.7	13.3	125	17	1.0	6.0	17.0
2QUALWD 157	48.4	12.3	9.8	5.3	28.3	22.7	27.9	13.5	10.5	135	3	0.	0.	0.
2QUALWD 158	40.7	13.3	15.1	14.4	24.2	20.4	20.9	10.0	15.6	75	26	3.0	5.0	60.0
2QUALWD 159	35.8	23.0	18.5	14.1	25.7	20.9	21.8	9.7	17.1	125	35	3.0	5.0	60.0
2QUALWD 165	36.4	15.0	8.2	19.8	23.5	19.6	19.8	8.0	16.4	60	50	2.0	30.0	7.0
2QUALWD 166	48.1	17.1	15.6	22.5	29.9	24.2	22.8	10.6	17.4	85	16	5.5	8.0	69.0
2QUALWD 027	38.3	12.6	11.2	10.9	20.1	19.5	20.3	7.9	20.5	150	25	3.5	9.0	39.0
2QUALWD 029	30.0	15.9	23.6	16.8	22.2	19.7	16.0	4.7	8.1	130	62	2.0	7.0	29.0
2QUALWD 033	23.8	8.2	11.9	5.7	22.8	19.5	14.2	6.1	12.9	260	26	5.5	7.0	79.0
2QUALWD 123	53.8	1.3	1.8	3.7	30.3	28.5	29.9	12.9	14.6	254	5	5.0	8.0	25.0
2QUALWD 036	32.1	7.5	7.2	8.0	21.3	19.2	18.3	9.3	14.2	240	14	6.0	7.0	86.0
2QUALWD 051	48.5	15.6	12.6	9.6	23.0	21.4	23.9	9.3	14.1	220	14	6.0	9.0	66.0
2QUALWD 063	35.5	8.1	12.7	39.0	26.8	21.6	17.7	7.4	14.3	135	3	0.	0.	0.
2QUALWD 064	72.5	.4	.4	.3	25.3	23.4	29.0	15.7	18.5	135	3	0.	0.	0.
2QUALWD 032	32.5	22.4	12.5	6.8	20.8	16.9	18.0	6.9	14.3	135	36	6.5	9.0	72.0
2QUALWD 015	23.6	7.0	4.8	16.5	21.5	18.0	15.2	5.7	13.8	265	25	1.0	14.0	7.0
2QUALWD 061	46.3	2.5	1.8	6.6	22.4	19.8	25.8	6.6	23.1	90	18	3.0	10.0	30.0
2QUALWD 171	45.0	25.7	33.6	58.8	31.5	24.3	21.4	5.6	9.8	234	31	2.0	6.0	33.0
2QUALWD 172	54.1	2.2	1.6	2.9	29.0	23.5	25.3	10.8	11.7	134	12	1.0	4.0	25.0
2QUALWD 173	37.1	7.5	4.6	.6	30.7	24.2	25.4	10.9	13.2	128	19	4.0	6.0	66.0
2QUALWD 176	27.5	.6	.2	65.3	24.5	21.8	18.9	7.7	16.7	5	15	1.0	10.0	10.0
2QUALWD 177	15.9	.7	1.3	12.4	19.6	15.0	8.5	3.1	16.8	135	0	0.	0.	100.0
2QUALWD 178	24.4	7.3	8.3	13.7	21.7	18.5	17.1	6.2	15.2	108	46	2.0	8.0	25.0
2QUALWD 179	17.7	0.	0.	.4	23.0	16.4	13.4	5.0	16.1	135	0	0.	0.	100.0
2QUALWD 181	43.7	9.7	20.5	21.8	23.8	22.2	20.6	7.3	13.4	255	30	4.0	8.0	50.0
2QUALWD 182	37.6	14.6	15.0	19.7	16.0	14.4	19.2	7.8	15.2	46	25	5.5	7.0	79.0
2QUALWD 184	53.8	15.8	24.0	26.3	28.2	31.2	29.9	13.9	13.3	222	30	4.5	7.0	64.0
2QUALWD 185	30.7	5.4	6.2	26.8	19.7	24.2	21.6	11.7	13.7	283	28	1.3	2.2	58.0
2QUALWD 187	55.0	.2	.1	10.8	25.7	31.4	31.9	15.6	14.6	275	12	4.0	6.0	66.0
2QUALWD 189	37.9	2.4	1.5	10.4	25.1	21.7	20.8	7.6	12.9	25	11	4.0	14.0	29.0
2QUALWD 190	30.6	7.2	4.1	10.2	14.8	14.4	16.9	5.8	11.9	200	36	3.5	5.0	70.0
2QUALWD 191	38.1	26.2	22.9	56.2	29.7	25.5	21.9	5.9	13.1	245	8	4.0	12.0	33.0
2QUALWD 192	35.1	16.5	18.8	37.1	26.8	25.1	21.7	7.3	14.1	250	17	4.0	15.0	27.0
2QUALWD 193	24.7	70.4	56.7	67.2	28.3	22.9	18.5	6.5	15.2	318	31	3.0	11.0	27.0
2QUALWD 194	52.7	13.4	34.8	31.0	32.3	26.7	24.0	6.4	13.1	57	33	2.0	5.5	36.0
2QUALWD 195	41.2	8.5	41.6	29.8	24.8	22.0	19.7	6.8	12.2	135	0	0.	0.	0.
2QUALWD 196	29.0	8.3	31.8	34.4	18.0	19.3	19.0	5.9	15.1	135	0	0.	0.	100.0
2QUALWD 197	32.2	5.3	2.1	15.6	12.7	11.2	16.0	6.5	11.4	338	17	2.0	9.0	22.0
2QUALWD 198	48.6	.1	0.	8.3	26.2	21.5	24.3	10.0	11.2	135	5	0.	0.	0.
2QUALWD 199	66.4	5.6	5.1	7.8	30.0	26.3	29.1	12.3	13.5	246	16	3.0	10.0	30.0
2QUALWD 201	46.2	6.7	7.3	15.3	23.6	17.9	21.4	9.9	14.3	44	22	3.0	7.5	40.0
2QUALWD 202	40.2	15.1	18.8	31.8	24.4	21.4	22.6	7.5	15.2	260	29	1.0	4.0	25.0
2QUALWD 203	56.1	31.1	17.3	12.2	27.4	22.3	27.6	11.3	12.1	172	16	0.	0.	33.0

2QUALWD 204	53.7	26.2	6.4	17.3	28.0	24.0	27.8	11.3	14.4	274	17	0.	0.	33.0
2QUALWD 206	44.6	16.4	9.6	16.7	29.9	25.2	23.3	8.7	13.4	180	29	1.0	16.0	7.0
2QUALWD 207	24.5	6.8	20.4	12.2	19.1	14.9	13.8	6.4	14.9	33	23	0.	0.	57.0
2QUALWD 208	34.9	1.9	16.4	32.0	26.4	21.6	21.0	9.0	14.0	233	29	0.	0.	33.0
2QUALWD 024	43.1	13.2	11.1	6.2	20.9	19.5	21.9	8.5	16.1	300	23	6.0	8.0	75.0
2QUALWD 06S	50.7	4.4	7.0	10.3	25.1	22.2	31.0	23.6	16.9	135	7	0.	0.	0.
2QUALWD 211	48.5	15.6	14.6	12.8	25.9	22.1	24.4	9.5	14.6	190	18	0.	0.	62.0
2QUALWD 214	28.4	29.8	37.1	21.8	19.2	15.7	16.3	6.5	13.5	78	18	0.	0.	68.0
2QUALWD 215	20.2	14.6	14.7	31.0	16.8	12.6	11.8	5.2	16.4	353	12	1.5	7.0	21.0
2QUALWD 216	40.8	5.9	8.4	23.7	24.6	23.1	21.0	7.7	14.2	310	32	4.0	7.0	57.0
2QUALWD 219	33.9	34.7	47.2	53.8	32.9	25.7	20.9	7.3	15.2	156	32	0.	0.	83.0
2QUALWD 221	41.1	2.7	3.2	20.3	27.9	22.7	24.8	9.2	14.1	288	21	0.	0.	38.0
2QUALWD 222	32.0	7.0	14.0	53.0	30.5	27.6	18.2	6.1	12.2	294	59	0.	0.	50.0
2QUALWD 225	28.7	29.8	19.4	50.2	32.0	24.0	19.4	7.2	14.5	19	27	2.0	4.5	44.0
2QUALWD 226	46.5	8.1	3.7	12.0	31.8	26.3	26.4	9.8	10.7	148	17	0.	0.	50.0
2QUALWD 227	59.4	18.3	11.2	17.7	31.0	27.9	32.6	10.9	8.5	135	10	0.	0.	0.
2QUALWD 228	47.2	15.6	18.1	20.9	32.5	26.8	24.7	8.8	14.0	87	20	1.5	10.0	15.0
2QUALWD 229	51.5	18.7	33.8	40.8	27.2	23.8	23.1	7.5	10.4	170	23	0.	0.	14.0
2QUALWD 233	35.5	28.2	26.7	37.2	23.6	18.6	19.0	4.8	13.2	89	30	0.	0.	87.0
2QUALWD 239	41.6	20.0	40.2	50.5	26.2	21.0	21.6	7.1	12.4	155	37	3.0	6.0	50.0
2QUALWD 240	31.1	52.5	39.2	60.6	36.0	22.9	18.8	4.8	12.7	324	40	1.5	6.0	25.0
2QUALWD 242	43.4	42.4	38.0	51.9	27.1	22.9	18.6	0.	13.4	305	46	1.0	6.0	17.0
2QUALWD 031	22.7	15.5	40.6	27.3	18.8	16.2	11.4	4.2	11.9	268	34	1.0	3.5	29.0
2QUALWD 055	33.5	22.9	21.9	49.9	19.2	16.7	15.9	0.	13.4	245	32	5.0	8.0	63.0
2QUALWD 057	33.3	9.1	9.6	39.5	23.2	20.1	14.9	0.	11.0	211	48	3.5	8.0	44.0
2QUALWD 0V1	44.0	9.4	9.7	25.8	29.1	24.0	19.6	4.1	13.1	135	15	0.	0.	0.
2QUALWD 015	47.2	10.2	1.9	15.6	19.3	17.6	19.9	0.	13.9	213	18	1.0	3.5	29.0
2QUALWD V10	55.7	8.4	4.1	11.5	34.2	22.7	26.5	10.5	12.8	242	14	1.0	4.5	22.0
2QUALWD V11	33.5	2.5	3.2	7.7	20.7	21.0	17.3	6.6	13.4	173	16	2.0	4.5	44.0
2QUALWD V12	32.0	19.2	20.4	38.0	25.6	22.2	16.8	5.5	11.3	135	20	0.	0.	0.
2QUALWD 247	48.7	19.1	17.0	12.1	26.8	19.3	24.2	0.	14.4	229	29	3.0	5.5	55.0
2QUALWD 251	28.4	57.9	63.6	65.0	24.9	17.9	15.2	6.3	15.9	163	59	1.0	2.5	40.0
2QUALWD 252	31.2	39.3	17.1	18.3	19.3	16.5	16.4	6.9	12.2	239	29	2.5	6.0	42.0
2QUALWD 253	32.5	41.8	50.5	43.5	30.0	21.0	18.3	0.	12.2	197	28	1.0	14.0	7.0
2QUALWD 255	41.2	12.3	18.2	20.1	23.8	15.1	20.7	7.3	13.8	124	34	3.0	8.5	35.0
2QUALWD 257	37.0	53.2	39.0	48.2	24.9	18.9	17.6	0.	13.7	259	24	2.5	11.0	23.0
2QUALWD 259	32.8	43.6	51.2	71.2	30.9	20.7	18.2	0.	14.7	135	4	0.	0.	0.
2QUALWD 0M1	38.2	20.8	28.2	25.6	30.4	23.7	23.8	10.7	11.4	137	23	5.0	10.5	57.0
2QUALWD 0M2	40.2	22.5	30.8	41.7	31.4	24.3	24.3	8.8	11.9	126	31	7.0	23.0	30.0
2QUALWD 0M3	56.4	23.1	23.1	22.8	28.8	25.8	24.7	9.1	13.3	124	22	7.0	23.0	30.0
2QUALWD 043	30.9	5.4	3.0	2.7	21.1	17.4	18.4	0.	14.9	137	33	1.5	9.5	16.0
AVG	38.7	15.4	17.7	23.9	24.5	20.9	20.7	8.8	13.9	192	25	3.1	8.2	44.6
CVR	28.3	84.9	81.8	73.1	19.5	18.5	22.7	36.0	17.5	43	52	59.6	56.0	54.6
MAX	72.5	70.4	63.6	71.2	36.0	31.4	32.6	23.6	23.1	353	62	8.0	30.0	100.0
MIN	15.9	.1	.1	.3	12.7	11.2	8.5	3.1	6.8	5	3	.5	2.2	5.0
TOT	114.0	111.0	111.0	113.0	114.0	114.0	114.0	104.0	114.0	114	109	85.0	85.0	101.0

CARMEAN
TEST RUN CARD ONE
WHITE OAK IMPERFECTLY DRAINED

SI-SITE INDEX
HT-AVERAGE HEIGHT
AGE-AGE
DEPA-DEPTH A HORIZON
SAND-SAND PERCENT A HORIZON
SILT-SILT PERCENT A HORIZON
CLAY-CLAY PERCENT A HORIZON
SAND-SAND PERCENT B HORIZON
SILT-SILT PERCENT B HORIZON
CLAY-CLAY PERCENT B HORIZON
SAND-SAND PERCENT C HORIZON
SILT-SILT PERCENT C HORIZON

	SI	HT	AGE	DEPA	SAND	SILT	CLAY	SAND	SILT	CLAY	SAND	SILT
1QUALID 066A SICL	58	78.0	113.6	4.10	6.8	40.4	52.8	9.1	31.9	58.9	9.3	37.6
1QUALID 067A	46	59.4	89.4	3.40	11.3	49.0	39.7	8.1	25.5	66.1	4.8	19.8
1QUALID 089B SIL	51	64.6	82.4	4.50	14.6	61.3	24.1	13.2	54.6	32.2	13.0	35.6
1QUALID 090A SIL	44	53.2	73.2	4.00	11.8	51.2	37.0	10.2	41.8	48.0	16.7	34.0
1QUALID 094D SIC	54	30.2	24.0	1.90	9.3	40.4	50.3	1.9	26.4	71.7	8.0	29.1
1QUALID 096C SIL	65	50.4	35.6	3.90	21.3	53.9	24.8	21.5	33.6	44.9	16.8	29.4
1QUALID 108D SIL	65	67.8	53.2	4.25	9.1	59.4	31.5	10.1	48.3	41.6	11.3	30.7
1QUALID 110N SIL	60	55.2	43.8	3.00	5.4	55.4	39.2	5.4	37.6	57.0	.8	34.8
1QUALID 116D SIL	51	58.8	64.2	5.50	14.6	59.0	26.4	10.7	43.8	45.5	8.5	26.3
1QUALID 124D SIL	60	66.2	59.4	3.60	10.8	45.2	44.0	8.6	37.0	54.4	10.0	38.4
1QUALID 126D SICL	64	46.6	32.6	3.70	10.0	45.8	44.2	2.2	33.2	64.6	4.2	32.3
1QUALID 127A SIL	57	72.0	87.4	34.00	13.4	58.3	28.3	15.7	46.7	37.6	24.7	28.4
1QUALID 130D SUCL	65	87.0	110.6	3.60	30.2	36.9	32.9	15.8	51.1	33.1	16.5	35.2
1QUALID 137K CL	52	59.4	62.8	29.00	23.3	40.1	36.6	13.3	31.0	55.7	7.7	26.1
1QUALID 150B SIL	68	63.4	45.4	4.80	14.6	57.5	27.9	12.9	54.1	33.0	12.0	40.0
1QUALID 151A SIL	59	65.4	59.2	2.60	16.1	48.9	35.0	11.2	38.4	50.4	12.0	36.8
1QUALID 161A SIL	56	66.3	69.4	3.00	8.2	66.2	25.6	6.9	63.7	29.4	4.9	48.2
1QUALID 162A SIL	70	77.1	58.0	6.00	7.9	52.0	40.1	4.4	36.5	59.1	4.5	22.8
1QUALID 163A SIL	65	53.7	38.2	3.00	11.9	63.0	25.1	8.3	55.0	36.7	6.5	43.7
1QUALID 169C	47	61.7	96.3	3.10	24.8	46.7	28.5	14.4	37.9	47.7	10.8	31.7
1QUALID 017A SICL	59	56.2	48.0	26.00	18.7	41.7	39.6	6.7	30.5	62.8	3.1	37.4
1QUALID 174B SICL	63	71.6	62.8	37.00	12.3	60.2	27.5	8.9	57.6	33.5	4.4	22.2
1QUALID 180D SICL	51	66.3	93.4	2.80	12.0	59.2	28.8	6.4	58.9	34.7	3.3	32.5
1QUALID 183A CL	62	77.0	80.5	2.20	25.7	46.5	27.8	19.7	47.1	33.2	16.1	26.2
1QUALID 186D C	78	101.1	92.7	8.20	16.9	38.3	44.8	11.0	38.8	50.2	9.7	38.6
1QUALID 188D SICL	67	45.5	29.6	2.10	14.2	39.7	46.1	6.9	37.6	55.5	5.9	24.8
1QUALID 205D SIC	80	81.0	51.3	4.60	11.2	45.0	43.8	9.2	42.9	47.9	10.6	32.6
1QUALID 213A SIL	64	68.3	55.8	2.90	11.8	49.0	39.2	10.2	51.1	38.7	13.3	39.0
1QUALID 218D SICL	61	53.6	41.2	2.50	19.9	47.7	32.4	10.4	41.7	47.9	7.8	23.2
1QUALID 220A SIL	61	74.1	75.0	3.00	11.2	49.5	39.3	4.2	44.7	51.1	3.3	42.9
1QUALID 223A SIL	52	57.5	59.8	2.20	32.0	41.4	26.6	20.1	39.4	40.5	7.7	26.5
1QUALID 224D SIL	72	87.2	72.6	4.60	13.3	44.1	42.6	13.4	42.2	44.4	13.1	38.4
1QUALID 209E	70	76.0	57.2	3.90	6.5	56.0	37.5	5.4	52.1	42.5	3.3	39.8
1QUALID 020D SCL	54	61.7	62.5	3.40	8.0	47.9	44.1	3.1	32.6	64.3	6.2	34.8
1QUALID 021D	63	70.7	62.5	2.80	12.2	49.0	38.8	5.5	42.4	52.1	6.3	30.3
1QUALID 231D SICL	70	80.1	64.0	5.60	11.2	52.9	35.9	8.7	46.7	44.6	6.2	28.7
1QUALID 234L	72	66.6	44.6	2.70	15.0	46.2	38.8	11.2	46.6	42.2	5.8	40.1
1QUALID 236D SIL	65	58.5	43.4	3.60	14.8	47.9	37.3	12.7	47.6	39.7	17.2	32.4
1QUALID 246C SIL	69	83.0	70.6	4.20	39.1	36.0	24.9	29.7	41.3	29.0	35.0	32.7
1QUALID 0V3A SIL	73	52.0	31.2	3.10	33.6	40.5	25.9	29.0	39.7	31.3	33.0	24.6
1QUALID 0V8A SICL	69	50.0	32.2	3.20	15.6	50.7	33.7	14.2	49.1	36.7	15.1	27.8
1QUALID 0V9A SICL	68	49.2	31.8	2.90	21.9	42.1	36.0	17.2	41.6	41.2	7.7	23.2
1QUALID 249K SIL	68	71.2	52.2	4.00	13.2	48.2	38.6	9.6	46.9	43.5	6.9	30.0
1QUALID 258D SSIL	73	92.3	83.2	5.30	36.4	37.0	26.6	32.1	37.2	30.7	14.3	32.4
1QUALID 0M4F SSIL	62	70.7	64.4	3.10	18.6	47.4	34.0	9.9	44.2	45.9	2.0	38.2
1QUALID 0M5E SIL	56	65.8	64.0	3.10	9.3	40.4	50.3	3.2	35.1	61.7	.4	31.9
1QUALID 0M6E SIL	57	65.5	63.6	2.60	9.8	39.1	51.1	1.3	32.8	65.9	0.	30.5
1QUALID 0M7E SIL	56	66.4	64.6	2.60	15.5	50.0	34.5	8.6	43.4	48.0	6.5	35.7
1QUALID 0M9E SIL	70	75.0	55.4	3.00	14.1	42.9	43.0	6.5	44.5	49.0	3.9	41.2
1QUALID M10E SIL	70	69.7	55.8	2.90	13.0	49.4	37.6	6.5	46.1	47.4	.1	27.5
AVG	62	66.0	61.3	5.82	15.6	48.3	36.0	10.9	42.6	46.5	9.6	32.5
CVR	13	19.8	33.8	134.49	49.8	15.6	21.6	62.0	19.6	23.7	75.3	19.4
MAX	80	101.1	113.6	37.00	39.1	66.2	52.8	32.1	63.7	71.7	35.0	48.2
MIN	44	30.2	24.0	1.90	5.4	36.0	24.1	1.3	25.5	29.0	.1	19.8
TOT	50	50.0	50.0	50.00	50.0	50.0	50.0	50.0	50.0	50.0	49.0	50.0

C&RMEAN
TEST RUN CARD TWO
WHITE OAK IMPERFECTLY DRAINED

CLAY-CLAY PERCENT C HORIZON
GRVA-GRAVEL PERCENT A HORIZON
GRVB-GRAVEL PERCENT B HORIZON
GRVC-GRAVEL PERCENT C HORIZON
MEQA-MOISTURE EQUIVALENT A HORIZON
MEQB-MOISTURE EQUIVALENT B HORIZON
MEQC-MOISTURE EQUIVALENT C HORIZON
IVWC-IVW C HORIZON
DEPC-DEPTH C HORIZON
ASPT-ASPECT (DEGREES)
SLOP-SLOPE(PERCENT)
DSRD-DISTANCE FROM RIDGE
LSLO-LENGTH SLOPE
DTRD-PERCENT DIST. FROM RIDGE

	CLAY	GRVA	GRVB	GRVC	MEQA	MEQB	MEQC	IWVC	DEPC	ASPT	SLOP	DSRD	LSLO	DTRD
2QUALID 066	53.1	.3	8.7	14.3	35.1	24.8	21.3	12.1	18.8	180	17	1.0	2.0	50.0
2QUALID 067	75.4	1.9	3.6	1.5	28.4	30.0	31.4	18.6	12.3	135	12	0.	0.	0.
2QUALID 089	51.4	.5	.3	2.0	23.6	21.7	26.2	13.6	16.6	135	0	0.	0.	0.
2QUALID 090	49.3	9.6	6.9	17.0	26.6	26.5	25.8	14.5	15.8	135	20	0.	0.	0.
2QUALID 094	62.9	5.3	.9	5.8	34.0	31.8	25.9	14.9	13.8	135	5	0.	0.	0.
2QUALID 096	53.8	10.3	6.9	7.7	24.8	21.0	22.7	11.1	14.6	270	20	1.0	10.0	10.0
2QUALID 108	58.0	4.4	3.8	3.6	25.6	24.7	27.9	13.9	10.9	218	12	10.0	16.0	63.0
2QUALID 110	64.4	1.1	1.3	1.3	32.4	28.0	28.2	14.2	11.2	135	5	0.	0.	0.
2QUALID 116	65.2	7.2	4.3	3.8	24.2	23.6	26.9	14.6	14.1	264	14	2.0	7.0	29.0
2QUALID 124	51.6	4.6	10.2	7.3	32.5	26.4	24.4	15.7	12.6	240	18	1.0	8.0	13.0
2QUALID 126	63.5	3.2	.2	.4	27.3	30.2	29.8	17.5	14.6	220	13	5.0	8.0	63.0
2QUALID 127	46.9	.3	.4	1.4	23.5	11.7	22.7	22.8	15.8	135	0	0.	0.	0.
2QUALID 130	48.3	17.8	9.6	6.0	24.8	21.5	23.1	15.2	12.3	150	29	4.0	10.0	40.0
2QUALID 137	66.2	15.8	12.4	12.5	27.7	24.6	24.8	15.8	9.9	150	29	1.0	5.0	20.0
2QUALID 150	48.0	9.6	23.3	17.3	26.8	21.7	25.1	13.0	18.3	225	20	2.0	8.0	25.0
2QUALID 151	51.2	14.4	8.3	17.7	31.2	28.5	24.7	11.8	14.0	296	29	1.0	7.0	14.0
2QUALID 161	46.9	6.1	9.1	3.2	27.4	22.3	25.8	13.0	15.0	232	14	2.0	8.0	25.0
2QUALID 162	72.7	18.8	5.9	12.7	31.6	28.4	28.8	18.7	13.5	108	25	5.0	9.0	56.0
2QUALID 163	49.8	8.4	11.8	8.5	27.5	23.4	25.0	14.4	16.3	197	18	7.5	10.0	75.0
2QUALID 169	57.5	8.1	6.1	4.3	23.1	24.2	25.6	10.4	13.3	273	20	1.0	2.3	43.0
2QUALID 017	59.5	9.5	6.9	4.3	25.1	26.9	19.6	9.5	11.4	180	23	3.0	9.0	33.0
2QUALID 174	73.4	1.0	1.2	.2	26.2	22.5	27.0	12.5	13.6	135	5	0.	0.	0.
2QUALID 180	64.2	3.3	3.7	9.8	28.9	25.1	27.8	12.6	10.9	163	18	2.0	4.0	50.0
2QUALID 183	57.7	1.3	.8	4.1	24.4	22.1	25.4	10.7	16.4	135	5	0.	0.	0.
2QUALID 186	51.7	8.4	11.3	16.4	30.9	24.1	28.0	14.9	15.4	26	37	5.0	12.0	42.0
2QUALID 188	69.3	4.3	10.2	5.1	29.3	28.9	25.7	9.1	13.6	160	15	2.5	6.5	38.0
2QUALID 205	56.8	9.5	19.0	8.3	30.9	26.3	28.7	13.3	14.2	62	15	2.5	7.0	36.0
2QUALID 213	47.7	12.5	8.5	14.2	29.5	25.3	23.9	8.7	10.4	213	20	3.0	6.0	50.0
2QUALID 218	69.0	5.4	3.4	1.3	27.6	25.2	31.4	15.3	10.1	265	14	4.0	7.0	57.0
2QUALID 220	53.8	12.1	2.9	39.8	29.5	24.3	22.9	9.9	13.2	124	33	1.0	8.0	13.0
2QUALID 223	65.8	24.5	29.3	26.6	23.8	25.8	26.9	11.1	12.6	215	26	2.0	5.0	40.0
2QUALID 224	48.6	10.1	21.8	14.7	31.7	26.5	23.8	9.5	14.4	353	31	6.0	10.0	60.0
2QUALID 209	56.9	9.0	9.3	16.3	30.3	26.1	26.1	11.6	14.0	271	39	1.0	7.0	14.0
2QUALID 020	59.0	.4	.2	3.6	28.3	30.9	27.5	13.5	15.0	278	28	.5	3.0	17.0
2QUALID 021	63.4	7.3	.9	1.5	29.3	27.0	30.1	15.0	12.8	273	27	.5	7.0	7.0
2QUALID 231	65.1	17.4	16.1	.8	26.0	22.6	27.7	12.1	14.8	281	27	2.0	6.5	31.0
2QUALID 234	54.1	9.0	6.9	10.0	25.8	24.6	25.1	7.7	10.7	183	21	2.0	9.0	22.0
2QUALID 236	50.4	9.6	13.1	36.9	30.5	23.6	22.3	8.6	11.0	16	35	4.0	8.0	50.0
2QUALID 246	32.3	9.7	10.4	18.3	19.0	17.5	18.0	7.7	11.5	177	13	4.0	12.0	33.0
2QUALID 0V3	42.4	4.2	8.7	14.0	30.0	23.1	23.4	10.1	13.2	70	16	1.0	4.0	25.0
2QUALID 0V8	57.1	5.9	25.8	26.3	28.3	23.0	20.7	6.1	10.8	311	18	1.0	3.0	33.0
2QUALID 0V9	69.1	15.3	20.8	20.5	28.2	23.4	29.7	13.0	11.4	200	15	1.0	2.5	40.0
2QUALID 249	63.1	38.8	30.8	11.1	29.1	25.8	32.1	14.8	11.2	279	22	2.0	4.0	50.0
2QUALID 258	53.3	60.8	37.0	12.4	25.8	17.8	21.1	-0.	14.9	120	27	1.0	13.0	8.0
2QUALID 0M4	59.8	26.6	17.5	44.7	27.6	22.9	23.7	-0.	12.3	123	33	9.0	20.5	44.0
2QUALID 0M5	67.7	11.9	27.5	50.3	33.8	28.3	26.7	-0.	11.8	114	18	13.5	20.5	66.0
2QUALID 0M6	69.5	12.4	17.1	53.8	35.1	30.2	27.2	-0.	11.9	140	16	13.0	20.5	63.0
2QUALID 0M7	57.8	19.4	31.3	41.2	29.0	26.0	25.0	-0.	12.6	152	15	11.0	17.0	65.0
2QUALID 0M9	54.9	5.5	6.6	14.6	32.2	27.0	26.3	-0.	10.8	106	14	7.0	14.0	50.0
2QUALID M10	72.4	2.6	4.8	29.5	29.7	26.0	28.3	-0.	10.8	116	15	11.0	16.0	69.0
AVG	59.0	10.3	10.8	14.0	28.2	24.8	25.7	12.9	13.2	181	20	3.8	8.9	38.9
CVR	15.6	101.3	87.5	97.2	11.9	14.3	11.7	25.7	16.0	42	42	94.8	55.4	48.6
MAX	75.4	60.8	37.0	53.8	35.1	31.8	32.1	22.8	18.8	353	39	13.5	20.5	75.0
MIN	32.3	.3	.2	.2	19.0	11.7	18.0	6.1	9.9	16	5	.5	2.0	7.0
TOT	50.0	50.0	50.0	50.0	50.0	50.0	50.0	43.0	50.0	50	48	42.0	42.0	42.0

CASE.UM
LOBLOLLY PINE

SN=SOIL TYPE
SL=POSITION ON SLOPE
AR=ANNUAL RAINFALL
LU=PREVIOUS LAND USE
AG=AGE
TR=NUMBER TREES MEASURED
DU=DENSITY UNDERSTORY

ST=SURFACE THICKNESS
FF=FROST FREE DAYS
WR=RAINFALL WARM SEASON
HT=HEIGHT
DB=DBH (INCHES)
SK=STOCKING

			SN	ST	SL	FF	AR	WR	LU	HT	AG	DB	TR	SK	DU
0027	78	ALMO	1	8	-0	230	48	24	1	73	43	15	3	1	2
0016	81	ALMO	1	8	-0	230	47	24	1	81	50	20	3	2	3
0156	77	ALMO	1	15	-0	230	47	23	1	74	46	13	4	1	3
0124	97	BEAU	1	10	2	230	54	24	1	95	48	18	3	1	2
0177	92	BEAU	5	14	3	252	46	22	2	95	54	17	2	1	3
0170	83	BEAU	5	5	-0	230	52	26	1	70	35	14	3	3	3
0215	89	BEAU	5	8	-0	230	56	25	1	92	55	19	3	2	2
0044	90	BEAU	5	24	-0	230	54	25	1	81	39	20	2	3	2
0073	102	BEAU	5	10	-0	230	46	22	1	82	31	15	3	1	1
0097	90	BEAU	5	10	2	237	50	23	2	88	47	16	3	2	3
0129	85	BEAU	5	6	2	230	52	27	1	71	34	17	3	1	3
0133	87	BEAU	5	8	2	245	52	27	1	71	33	18	3	2	3
0059	87	BEAU	5	5	2	230	27	25	1	86	49	16	3	1	2
0045	99	BEAU	6	8	2	230	54	26	1	81	35	15	3	1	2
0127	100	BIRB	1	-0	-0	245	55	27	1	86	35	17	3	1	1
0180	60	BINN	9	4	2	245	50	26	1	50	33	10	3	3	3
0179	64	BINN	9	4	2	245	50	26	1	53	33	12	3	3	3
0178	57	BINN	9	4	2	245	50	26	1	50	37	11	3	3	2
0207	55	BINN	9	3	2	230	52	26	1	44	32	10	3	2	4
0145	82	BOSW	5	5	2	237	46	23	2	72	37	15	3	2	3
0191	81	BOSW	5	3	2	237	48	23	1	75	41	17	3	2	2
0094	70	BOSW	5	12	2	230	50	24	1	54	29	14	3	3	3
0064	79	BOSW	5	12	2	230	47	23	1	69	37	18	3	3	1
0074	78	BOSW	5	9	2	237	46	22	1	64	33	14	4	1	2
0061	73	BOSW	2	4	2	237	48	23	0	68	42	13	3	1	3
0084	61	BOSW	4	12	1	237	46	22	1	63	55	18	1	1	3
A121	87	BOWI	1	8	2	230	54	24	1	92	58	18	3	1	2
0010	89	BOWI	1	5	-0	252	57	26	1	72	32	13	3	3	3
0124	81	BOWI	5	6	2	245	55	27	1	68	34	11	3	1	3
0191	75	CADD	1	5	-0	230	58	25	1	67	39	12	3	2	3
0027	81	CADD	1	10	2	230	56	25	1	81	51	17	3	2	3
0127	97	CADD	1	34	-0	245	55	27	1	87	39	17	4	1	1
A120	91	CADD	1	30	-0	245	55	27	1	86	44	16	3	1	1
0151	77	CADD	5	5	-0	252	52	26	1	60	30	11	3	2	3
0017	87	CADD	5	4	2	230	56	25	1	79	40	14	3	1	2
0013	85	CADD	5	6	2	230	52	24	1	72	35	14	4	1	2
0153	88	CADD	5	10	2	230	47	24	2	72	33	14	3	1	2
0049	93	CAHA	2	5	-0	230	54	26	1	78	34	13	3	1	1
0081	91	CAHA	2	10	2	230	48	23	1	74	32	13	3	1	3
0058	94	CAHA	2	14	3	230	48	24	2	77	32	13	3	1	2
0170	102	CAHA	3	12	2	230	50	24	2	104	52	19	3	1	2
0128	97	CAHA	3	15	-0	237	54	26	1	87	39	18	4	1	1
0127	66	CUTH	2	3	1	230	53	24	1	63	46	13	3	1	2
0128	77	CUTH	2	2	2	230	53	24	1	72	43	17	3	2	2
0042	73	CUTH	2	6	2	230	49	24	1	63	37	13	3	2	2
0003	82	DOUG	2	9	1	230	46	22	1	81	48	17	3	1	3
0002	83	DOUG	2	8	1	230	46	22	1	82	48	16	1	1	3
0201	77	EUST	6	-0	2	230	48	24	1	66	36	14	3	2	3
0056	88	EUST	6	14	2	230	57	25	1	85	44	14	3	1	2
0060	85	GILE	3	16	1	230	48	24	1	73	36	14	3	2	4
A156	74	GORE	1	4	2	230	47	23	1	72	47	15	2	2	3
0107	82	GORE	1	3	2	252	56	27	1	76	42	13	3	1	3
B156	69	GORE	5	7	2	230	54	29	1	67	47	16	3	3	4
0048	71	GORE	5	2	2	230	54	26	1	68	46	13	3	2	1
0043	81	GORE	5	4	2	230	54	25	1	80	19	14	3	2	2
0189	76	HORT	5	6	2	230	47	24	1	73	45	16	3	2	2
0176	78	HUNT	9	4	2	256	50	26	1	73	42	15	3	2	3
0171	98	LUKA	1	5	-0	230	50	24	1	98	51	18	3	1	2
0108	105	LUKA	1	8	-0	230	50	23	1	103	47	17	3	1	2
0189	109	LUKA	5	-0	-0	230	58	25	1	77	26	15	3	2	2
A100	98	LUKA	1	-0	-0	230	50	24	1	87	39	16	4	2	2
0123	90	KALM	5	10	-0	245	55	27	1	84	42	15	3	2	2
0054	94	KALM	5	7	-0	230	56	27	1	69	27	15	3	3	3
0076	89	KALM	2	10	2	230	46	22	1	74	33	13	3	1	2
0175	77	KIRV	3	8	1	230	46	22	2	66	36	12	3	1	3
0138	75	KIRV	4	6	2	230	47	24	1	78	57	16	3	1	3
0050	80	KIRV	4	9	1	230	49	24	11	66	33	15	3	2	4
0092	62	KISA	9	3	2	230	52	25	1	47	28	11	3	2	2
0211	51	KISA	-0	1	2	230	50	24	1	37	28	10	3	3	3
0093	65	KISA	-0	6	2	230	51	25	1	53	32	13	2	3	3
0115	79	LAKE	6	-0	1	237	48	23	1	66	34	14	3	2	3
0046	82	LAKE	6	-0	1	230	49	24	2	64	30	12	3	2	0
0104	83	LAKE	6	-0	2	230	50	24	1	67	32	13	3	2	2
0066	75	LAKE	7	-0	1	237	48	23	1	69	42	13	3	-0	-0

0072	69	LAKE	7	-0	2	237	48	23	1	63	10	14	2	2	2
0194	71	LAKE	7	-0	2	237	48	23	1	61	36	12	3	2	3
0188	74	LEXI	1	4	2	230	58	25	1	54	27	11	3	2	3
0117	75	MASH	1	10	-0	230	54	24	1	72	46	15	3	1	3
0119	81	MASH	1	10	-0	230	54	24	1	78	46	15	3	1	2
0011	80	MASH	1	5	-0	230	57	26	1	74	41	14	5	2	3
0133	73	MASH	5	12	-0	230	51	24	1	72	49	16	3	2	1
0022	99	MANT	1	-0	-0	237	48	23	1	89	9	15	2	2	1
0053	81	MYAT	-0	18	-0	230	56	27	1	77	44	14	3	1	1
0040	82	MYAT	1	10	-0	230	49	24	1	85	57	18	3	2	2
0160	84	MYAT	1	4	-0	230	51	24	1	83	49	16	3	1	2
0023	74	MYAT	1	4	-0	237	48	23	1	73	47	15	1	2	1
0166	79	MYAT	1	5	-0	230	50	24	1	84	58	17	3	1	3
0110	94	MYAT	3	20	-0	230	50	23	1	75	31	13	3	1	2
0109	98	MYAT	5	20	-0	230	50	23	2	76	29	14	3	1	2
0141	76	NACO	4	6	2	230	47	24	1	73	46	13	4	2	2
0068	59	NATC	9	4	2	237	48	23	1	54	42	13	3	2	3
0102	87	NORF	3	9	2	230	50	23	1	75	36	14	3	1	3
0201	98	NORF	3	-0	2	230	50	26	1	91	42	14	3	2	3
A104	91	NORF	3	10	2	230	50	24	1	74	32	15	3	1	3
*121	82	OBER	1	17	-0	245	55	27	1	73	38	14	3	1	3
8120	109	OCHL	1	-0	-0	230	50	24	1	99	41	17	3	1	2
0080	99	OCHL	5	-0	-0	230	48	23	1	89	39	15	3	2	1
0134	108	OCHL	5	-0	-0	245	54	27	1	84	30	15	3	1	2
0107	100	OCHL	2	8	-0	230	50	23	1	105	56	19	3	1	2
0056	106	OCHL	2	14	-0	230	48	24	2	90	35	14	3	1	3
0183	103	OCHL	2	-0	-0	230	46	22	1	95	42	17	3	1	3
0095	96	OCHL	2	-0	-0	237	50	23	1	84	37	19	3	1	3
8106	86	OORA	2	10	3	230	50	23	2	85	50	16	3	1	2
0153	79	OORA	3	8	2	230	47	24	1	71	38	15	3	2	2
0200	83	OORA	3	26	1	230	48	24	2	70	34	13	3	1	3
0018	81	ORAN	2	8	2	230	47	24	1	86	60	19	5	3	3
0023	96	ORAN	6	7	2	230	56	25	1	79	33	17	3	2	2
0025	89	ORAN	6	6	2	230	56	25	1	72	32	14	3	1	3
0057	77	PHEB	5	5	-0	230	57	25	1	71	42	14	3	2	2
0183	79	PROV	1	5	2	230	58	25	1	79	51	19	3	2	3
0182	78	PROV	1	18	1	230	58	25	1	55	26	11	3	2	2
0014	84	REDH	2	10	2	230	47	24	2	62	27	12	2	2	3
0173	86	RUST	2	5	1	230	50	24	1	83	46	17	3	1	2
0010	90	RUST	2	10	3	230	47	24	1	73	32	14	3	2	3
0078	88	RUST	2	14	2	230	47	23	1	70	31	16	3	2	3
0037	88	RUST	2	18	2	230	48	24	2	88	51	20	3	1	2
0137	88	RUST	2	10	2	237	50	23	2	77	37	15	3	1	3
A115	88	RUST	2	6	2	230	56	26	1	88	50	15	3	1	1
0126	90	RUST	2	8	2	245	55	27	1	71	30	15	3	2	3
0039	88	RUST	2	6	2	230	57	26	1	74	34	14	3	1	4
0034	80	RUST	2	6	1	230	54	25	1	67	34	13	3	2	3
0046	92	RUST	2	9	2	230	54	26	1	76	33	16	3	1	2
0033	91	RUST	3	7	2	230	52	25	1	93	53	19	3	2	3
0037	96	RUST	3	10	2	230	54	25	1	94	48	20	3	2	2
0067	84	RUST	3	14	1	237	48	23	1	68	32	14	4	2	3
0074	90	RUST	3	15	2	230	46	22	1	80	38	15	3	1	1
0050	91	RUST	3	11	2	230	54	26	1	75	33	16	3	1	1
0051	81	RUST	3	10	2	230	56	26	1	69	35	14	3	2	4
0112	84	RUST	3	10	2	230	50	23	2	75	39	14	3	1	2
0029	84	RUST	3	6	2	230	54	25	1	78	43	15	3	1	3
0039	99	RUST	3	20	3	230	48	24	2	80	31	16	3	2	3
B100	92	RUST	3	16	2	230	50	23	2	69	28	14	3	2	3
0202	87	RUST	6	26	2	230	48	24	1	80	42	16	3	1	3
0199	89	RUST	6	24	2	245	50	26	1	66	27	11	3	1	4
0065	84	RUST	6	16	2	237	48	23	1	89	60	16	3	1	3
0045	95	RUST	6	24	2	230	19	24	2	76	31	16	3	2	4
0070	91	RUST	6	5	2	237	48	23	2	72	30	15	3	2	3
0113	94	RUST	6	24	2	230	49	23	2	97	55	20	3	2	3
0225	94	SARE	1	12	-0	230	47	24	1	93	49	18	3	2	3
0147	77	SAVA	2	7	2	230	47	24	2	77	51	18	3	2	2
0025	76	SAWY	5	9	2	237	46	22	1	78	54	16	3	1	3
0169	84	SAWY	5	3	2	230	52	24	2	84	50	17	3	1	2
0085	80	SAWY	5	8	2	237	46	22	1	83	55	14	1	1	3
0032	76	SAWY	2	4	2	230	52	24	1	59	30	13	3	2	2
0051	84	SAWY	2	5	2	230	48	24	2	68	32	14	3	2	3
0050	81	SAWY	2	7	2	230	48	24	2	67	33	14	3	2	3
0078	87	SHUB	5	10	3	237	46	22	1	80	41	16	3	1	2
0084	88	SHUB	5	6	2	230	48	24	1	78	38	13	3	1	3
0213	82	SHUB	2	8	2	230	57	25	1	81	48	14	3	1	2
0087	92	SHUB	2	5	2	230	49	24	1	82	38	17	3	1	3
0081	82	SHUB	2	8	2	230	46	22	2	68	33	15	3	1	2
0082	85	SHUB	2	8	2	237	46	22	2	70	33	13	4	2	3
0091	81	SHUB	2	10	2	230	50	23	2	74	40	15	3	1	3
0048	80	SHUB	2	8	2	230	49	24	1	70	37	16	3	2	4
0036	78	SHUB	2	3	2	230	49	23	2	62	31	12	3	2	3
0089	88	SHUB	2	4	3	230	50	23	2	84	45	16	3	1	3
0011	80	SHUB	2	6	3	230	47	24	2	73	40	14	3	1	3
0009	73	SHUB	2	6	2	230	47	24	2	67	42	13	3	1	3
0099	87	SHUB	2	10	2	237	50	23	2	87	52	18	3	2	3
0102	86	SHUB	3	5	2	230	50	24	1	84	51	16	3	1	3
0092	73	SHUB	4	10	2	230	50	23	1	70	46	17	3	1	4
0034	73	SHUB	4	12	1	230	48	24	1	64	37	13	1	2	2
0184	79	SHUB	4	6	2	230	47	24	1	66	34	12	3	1	2
0174	94	STOU	1	6	-0	230	50	24	1	92	48	17	3	1	2
0024	91	STOU	1	12	-0	237	48	23	1	95	57	17	3	1	2
0057	97	STOU	1	14	3	230	48	24	2	77	31	14	3	2	2
0097	83	STOU	5	7	-0	230	50	24	1	62	28	16	3	3	2

0135	88	STOU	5	24	-0	245	54	27	1	73	33	14	3	1	1
0136	90	STOU	5	10	-0	237	50	23	1	89	48	16	3	1	2
0083	94	STOU	5	5	-0	230	48	23	1	77	33	15	3	2	3
0060	82	SUMM	1	5	-0	230	57	25	1	68	33	14	3	2	2
0063	75	SUMM	1	4	-0	230	57	25	1	61	32	12	3	1	3
0206	72	SUMM	5	14	-0	230	52	26	1	59	33	11	3	1	3
0164	81	SUMM	5	5	2	230	52	24	1	74	41	16	3	2	2
0030	76	SUMM	5	6	2	230	54	25	1	70	42	14	3	2	2
0087	76	SUMM	5	12	2	237	46	22	1	64	35	13	3	1	2
0148	74	SUMM	5	18	2	252	52	26	1	62	34	12	3	2	2
0096	83	SUMM	3	24	2	230	50	24	1	84	53	15	3	1	2
0202	85	SUMM	6	6	2	245	50	26	1	78	41	16	3	2	2
0119	56	SUMT	9	2	2	230	52	25	1	54	47	18	3	2	4
0216	60	SUMT	9	4	2	230	56	25	1	62	54	17	3	3	2
0089	54	SUMT	9	4	2	230	52	25	1	440	32	11	3	3	4
0118	66	SUMT	9	7	2	230	52	25	1	72	66	19	3	1	3
0196	68	SUSQ	9	1	2	237	46	22	1	62	40	14	3	1	3
0135	79	SUSQ	9	2	2	237	50	23	1	78	49	15	3	1	3
0190	70	SUSQ	-0	3	-0	237	48	23	1	63	39	14	3	2	2
0180	80	SUSQ	1	3	-0	230	46	22	1	78	46	18	3	1	3
0167	80	SUSQ	1	4	2	230	51	24	1	79	48	16	3	2	2
0178	72	SUSQ	5	4	2	230	46	22	2	53	31	13	3	2	3
0076	79	SUSQ	5	6	2	230	47	23	1	67	35	13	3	1	2
0203	68	SUSQ	5	2	2	230	52	26	1	53	30	11	3	3	4
0214	64	SUSQ	5	7	2	230	57	25	1	64	51	11	3	3	2
0209	73	SUSQ	5	7	2	230	50	24	1	71	47	16	3	2	2
0076	79	SUSQ	5	4	2	230	46	22	1	70	38	15	3	2	3
0195	74	SUSQ	2	4	2	237	46	22	1	58	30	13	3	2	2
0199	72	SUSQ	2	3	2	237	46	22	1	61	34	11	3	2	3
0052	73	SUSQ	2	10	2	230	48	24	2	65	38	13	3	2	2
0177	76	VATD	9	3	2	245	50	26	1	81	62	17	3	3	1
0162	76	VATD	9	3	2	245	50	24	1	73	47	15	3	2	2
0206	96	VTAN	2	14	2	230	47	24	2	100	56	17	1	2	3
0188	87	VTAN	2	10	2	230	47	24	1	82	43	16	2	2	3
0219	98	VTAN	3	14	2	230	47	24	2	101	53	16	1	2	3
0140	96	WETA	-0	-0	-0	252	52	27	1	79	33	14	3	1	2
0041	107	WETA	-0	-0	-0	230	54	25	1	89	34	18	3	3	1
0125	103	WETA	-0	-0	-0	237	53	24	1	87	34	13	3	1	2
0182	100	WETA	-0	-0	-0	230	46	22	1	97	46	19	3	1	2
0144	73	WRTG	8	5	-0	230	47	24	1	72	49	14	3	2	2
0005	69	WRTG	1	4	-0	230	46	22	1	78	76	18	3	2	3
8015	68	WRTG	1	6	-0	230	47	24	1	70	53	14	3	2	2
0159	71	WRTG	1	6	-0	230	47	23	1	70	49	15	3	2	3
0029	72	WRTG	1	8	-0	230	48	24	1	70	47	14	3	2	3
AVG			4	9	2	233	50	24	1	77	40	15	3	2	2
CVR			63	65	21	2	9	6	63	36	24	15	17	40	30
MAX			9	34	3	256	58	29	11	440	76	20	5	3	4
MIN			1	1	1	230	19	22	1	37	9	10	1	1	1
TOT			203	190	148	211	211	211	210	211	211	211	211	210	209

CASE, J. M.
LOBLOLLY PINE 1959
TABLE 3

SN-SOIL TYPE
SL-POSITION ON SLOPE
AR-ANNUAL RAINFALL
LU-PREVIOUS LAND USE
AG-AGE
TR-NUMBER TREES MEASURED
DU-DENSITY UNDERSTORY

ST-SURFACE THICKNESS
FF-FROST FREE DAYS
WR-RAINFALL WARM SEASON
HT-HEIGHT
DB-DBH (INCHES)
SK-STOCKING

			SN	ST	SL	FF	AR	WR	LU	HT	AG	DB	TR	SK	DU
0171	72	ACAD	1	5	2	252	53	28	1	54	31	11	3	3	3
0055	66	ACAD	5	4	2	230	54	27	1	52	33	11	4	2	4
0001	78	BOWI	4	6	1	230	56	26	1	74	44	13	3	1	3
0157	66	BOWI	5	6	2	245	54	27	1	53	35	11	3	3	3
0172	67	BOWI	5	6	2	252	53	28	1	51	31	11	3	1	4
0131	76	BOWI	5	6	2	245	52	27	1	68	40	12	3	1	4
0005	81	BOWI	5	6	2	230	56	26	1	76	44	11	3	2	2
0019	77	BOWI	5	6	2	230	56	25	1	68	39	11	3	1	4
0004	67	BOWI	5	6	2	230	56	26	1	62	43	12	3	1	4
0138	81	BOWI	5	12	2	252	52	27	1	75	43	12	3	1	4
0007	71	BOWI	5	6	1	230	57	26	1	66	44	12	3	2	4
0095	65	BOWI	2	7	2	230	50	24	1	56	38	12	3	3	3
0152	70	BOWI	2	4	2	252	52	26	1	81	68	13	3	1	3
0146	69	BOWI	2	8	2	252	52	26	1	65	45	11	3	2	4
0141	72	CADD	5	6	2	252	52	27	1	69	46	13	3	3	4
0150	61	CADD	5	50	-0	252	52	26	1	61	50	10	4	2	3
0196	71	EUST	6	15	2	245	50	26	1	55	32	12	3	3	4
0197	67	EUST	6	15	2	245	50	26	1	53	33	11	3	1	4
0198	71	EUST	6	16	2	245	50	26	1	56	33	12	3	2	4
0185	75	LEXI	1	5	2	230	58	25	1	58	32	14	3	3	3
0015	86	NORF	3	6	2	230	56	25	1	72	36	12	3	1	4
0014	76	ORAN	3	6	2	230	56	25	1	63	36	10	3	1	4
0020	75	ORAN	3	5	1	230	56	25	1	67	40	11	3	1	4
0196	68	RUST	6	5	2	245	50	26	1	54	33	11	3	1	4
0139	65	RUST	5	13	1	252	53	28	1	58	40	12	4	2	4
0142	76	RUST	5	14	2	252	52	27	1	66	38	13	3	1	4
0058	70	RUST	5	7	1	230	57	25	1	66	44	15	3	3	3
0016	79	RUST	2	7	2	230	56	25	1	66	36	12	3	1	3
0038	82	RUST	2	6	2	230	56	25	1	73	40	12	3	1	3
0143	71	RUST	2	14	-0	252	52	27	1	59	36	12	3	2	4
0125	82	RUST	2	8	2	245	55	27	1	70	37	14	3	2	3
0136	70	RUST	2	13	2	245	52	27	1	60	38	12	3	2	4
0190	78	RUST	2	7	2	230	58	25	1	61	33	10	3	1	3
0052	72	RUST	2	9	1	230	56	26	1	73	51	13	3	1	4
0132	65	RUST	3	11	2	245	52	27	1	56	38	12	3	2	4
0096	67	RUST	3	14	2	230	50	24	1	63	44	11	3	1	4
0035	74	RUST	3	9	2	230	54	25	1	68	43	13	3	2	3
0022	69	RUST	3	6	2	230	56	25	1	65	44	12	3	1	3
0013	74	RUST	3	14	2	230	57	26	1	64	38	13	3	3	3
0147	72	RUST	6	24	2	252	52	26	1	64	40	13	3	2	4
0105	72	SHUB	3	20	2	230	50	24	1	67	44	11	3	1	4
0091	47	SUMT	9	4	2	230	52	25	1	47	50	12	3	3	4
0204	60	SUSQ	9	2	2	230	52	26	1	47	33	10	3	3	4
0208	69	SUSQ	5	7	2	230	50	24	1	70	51	12	3	2	3
0145	77	BOWI	5	6	-0	252	52	26	1	62	34	12	3	2	3
0210	53	KISA	-0	2	2	230	50	24	1	42	34	10	3	3	3
0122	71	KALM	5	10	-0	245	55	27	1	72	51	12	3	2	3
0153	72	CADD	5	5	-0	252	52	26	1	79	60	11	3	1	4
0174	60	BEAU	5	5	-0	252	53	28	1	55	43	12	3	2	4
0144	77	BOWI	5	6	-0	252	52	27	1	65	36	13	3	2	4
0159	70	BEAU	1	5	-0	252	52	27	1	54	32	13	3	3	3
AVG			4	9	2	240	53	26	1	63	40	12	3	2	4
CVR			46	81	19	4	5	4	0	14	19	9	8	43	15
MAX			9	50	2	252	58	28	1	81	68	15	4	3	4
MIN			1	2	1	230	50	24	1	42	31	10	3	1	2
TOT			50	51	43	51	51	51	51	51	51	51	51	51	51

CASE, J. M.
LOBLOLLY
ARK. 1959 COASTAL PLAIN

STYP-SOIL TYPE
ST-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PROS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	ST	SLCL	EROS	ASP	PROS	FFD	ANN	GR	NTR	AVHT	AVAG
A002	ALMO	1	77	2	1	-0	-0	233	51	32	4	74	47
017	AMIT	2	74	2	1	360	1	229	52	35	2	68	44
A006	BTBR	5	92	1	1	-0	-0	217	50	32	2	85	40
B006	BTBR	1	90	1	1	-0	-0	225	52	33	2	84	43
008	BTBR	1	84	1	1	-0	-0	225	52	33	2	85	51
B002	BTBR	1	100	1	1	-0	-0	217	52	33	2	10	5055
007	BTBR	1	81	1	1	-0	-0	217	49	31	2	79	48
009	BTBR	1	93	1	1	-0	-0	217	49	31	2	74	31
010	BTBR	1	86	1	1	-0	-0	217	49	31	2	86	52
023	BOSW	2	80	3	2	90	2	236	48	29	2	81	51
006	BOSW	2	80	3	1	270	1	225	52	33	5	80	50
039	BOSW	2	79	2	1	-0	2	225	52	33	4	93	72
028	BOSW	2	78	5	1	90	1	236	48	29	2	71	40
029	BOSW	4	69	2	1	225	1	225	50	32	2	74	63
011	BOSW	4	78	4	1	180	2	225	50	32	2	63	32
036	BOSW	4	79	2	1	-0	2	236	52	32	3	81	58
024	BOWI	2	89	3	2	180	2	217	48	29	2	72	32
025	BOWI	2	78	3	2	225	1	217	48	29	2	65	34
A003	BOWI	2	78	2	1	90	3	225	48	29	2	74	45
010	BOWI	2	87	2	1	270	1	236	48	29	2	73	37
008	BOWI	2	94	3	1	180	2	236	51	32	4	85	52
014	BOWI	2	85	2	1	180	1	236	52	35	2	84	50
A016	BOWI	5	85	2	1	180	2	236	44	29	5	89	55
A015	BOWI	3	91	3	2	225	3	236	48	29	2	78	36
035	BOWI	6	81	3	2	225	1	224	48	29	2	83	53
B015	BOWI	6	79	3	2	90	3	224	51	30	2	72	40
031	CAHA	2	91	3	2	180	2	239	51	30	3	63	29
A001	CADD	5	74	1	1	180	3	235	52	35	3	72	47
C006	CADD	5	84	1	1	135	2	225	52	33	3	87	56
A033	CADD	5	85	1	1	180	-0	223	52	33	2	82	47
A013	CADD	5	89	1	1	-0	1	226	47	30	3	88	48
024	DOUG	2	76	2	2	180	1	226	44	29	6	66	37
023	DOUG	2	81	4	3	360	2	223	44	29	6	66	33
008	DOUG	5	80	2	2	225	3	224	47	30	2	67	34
004	FIST	7	78	2	1	360	3	224	50	30	2	76	47
031	FIST	7	78	3	1	180	1	224	50	30	2	65	35
032	FIST	7	71	2	1	315	1	223	50	30	2	48	24
003	FIST	7	78	5	1	360	1	241	52	31	2	77	48
044	FIST	7	79	4	1	225	1	224	52	31	3	64	32
A012	LUKA	2	88	1	1	-0	-0	236	48	29	2	89	53
B012	LUKA	2	83	1	1	-0	-0	231	52	32	4	84	40
009	LUKA	2	95	1	1	-0	-0	233	51	32	4	96	52
C012	LUKA	2	88	1	1	-0	-0	229	52	35	2	93	58
011	LUKA	2	85	1	1	-0	-0	229	52	35	2	78	40
D006	LUKA	5	83	1	1	-0	-0	227	49	32	4	69	35
019	LUKA	1	90	1	1	-0	-0	236	48	29	2	97	62
E006	LZAG	5	70	2	2	270	1	229	52	35	2	75	60
021	LZAG	1	78	1	1	-0	-0	229	52	35	2	73	45
032	KALM	2	79	1	1	-0	-0	224	50	30	2	61	29
D012	KTRV	2	73	2	1	90	1	224	51	30	2	62	35
020	KTRV	2	62	4	1	360	1	229	52	35	3	65	59
A005	LAKE	5	81	2	2	-0	-0	231	52	33	4	80	50
B013	LAKE	7	83	4	1	90	3	224	50	30	2	79	44
B033	LEAF	2	83	2	1	135	3	225	52	33	4	86	57
019	LEAF	1	79	2	1	270	1	229	52	35	2	73	42
020	MANT	2	92	1	1	-0	-0	236	48	29	2	91	50
013	MANT	2	104	1	1	-0	-0	236	48	29	2	93	39
027	MANT	2	90	1	1	-0	-0	229	48	29	2	83	43
C013	MANT	2	89	1	1	-0	-0	241	52	35	2	76	37
021	MANT	2	91	1	1	-0	-0	241	50	31	2	67	26
067	MANT	3	95	1	1	-0	-0	226	50	31	3	92	46
017	MANT	5	94	1	1	-0	-0	223	44	29	5	95	51
004	MANT	1	98	1	1	-0	-0	225	47	32	2	83	35
B005	MYAT	2	80	1	1	-0	-0	225	52	32	2	84	58
008	MYAT	2	76	1	1	-0	-0	225	52	32	4	77	51
028	MYAT	5	80	1	1	-0	-0	224	52	33	2	82	53
004	MYAT	5	82	1	1	-0	-0	217	51	32	2	84	54
B001	MYAT	5	80	1	1	-0	-0	217	52	33	2	81	52
B016	MYAT	5	76	1	1	-0	-0	228	50	32	4	75	47
001	MYAT	5	87	1	1	-0	-0	225	51	31	2	96	69
007	MYAT	5	80	1	1	180	2	225	52	32	4	69	38
008	MYAT	5	84	1	1	-0	2	217	52	32	3	87	57
041	MYAT	1	72	1	1	-0	-0	236	52	35	5	64	40
C001	NORF	2	79	3	2	90	3	231	48	29	2	79	50
C002	NORF	2	80	3	2	135	-0	241	52	33	4	62	30
041	NORF	2	78	3	1	315	2	241	49	31	5	63	32
008	NORF	2	85	3	2	45	1	241	52	31	2	71	34
035	NORF	2	77	2	1	90	1	224	51	30	2	63	33
036	NORF	2	92	2	1	180	1	224	51	30	2	84	39
005	NORF	7	81	2	1	360	3	224	51	30	2	67	33
008	NORF	7	81	2	2	360	3	241	52	31	2	67	33
E012	NORF	6	79	2	1	270	1	223	46	31	2	76	46
011	OCHL	2	96	1	1	-0	-0	231	52	33	4	84	37

019	OCHL	2	90	1	1	-0	-0	227	49	33	4	93	55
E006	OCHL	2	103	1	1	-0	-0	233	51	32	4	104	51
034	OCHL	1	96	1	1	-0	-0	225	52	33	4	98	52
022	OHER	2	79	1	1	-0	-0	217	49	31	4	82	55
023	OHER	2	94	1	1	-0	-0	217	49	31	4	91	62
007	OHER	2	83	1	1	-0	-0	225	52	33	4	84	52
037	OHER	2	82	1	1	-0	-0	217	50	32	5	78	46
002	OHER	2	73	1	1	-0	-0	229	49	29	3	74	51
019	OHER	2	77	1	1	-0	-0	224	50	30	2	69	42
D001	OHER	5	73	1	1	-0	-0	224	50	30	2	74	53
002	OHER	5	75	1	1	-0	-0	224	50	30	2	78	55
C005	OHER	5	80	1	1	-0	-0	217	49	31	2	67	34
014	OHER	5	82	1	1	-0	-0	217	49	31	2	74	41
011	OHER	5	85	1	1	-0	-0	217	50	32	2	78	48
003	OHER	5	75	1	1	-0	-0	217	50	32	2	76	49
004	OHER	5	86	1	1	-0	-0	217	50	32	2	65	28
053	OHER	5	78	1	1	-0	-0	217	50	32	2	74	44
037	OREN	2	81	2	2	90	1	241	50	30	2	68	34
039	OREN	2	87	2	1	270	1	224	50	30	2	71	33
018	OREN	2	76	2	1	270	1	224	52	35	2	75	50
025	OREN	5	80	2	1	270	2	229	52	33	2	76	44
040	OREN	5	88	3	1	90	2	225	52	33	4	98	71
R003	OFOR	2	91	2	1	180	1	225	44	29	2	95	56
F012	OFOR	2	90	2	1	360	1	226	44	29	2	80	38
022	OFOR	5	93	2	1	180	2	226	52	29	5	85	41
C015	OIST	2	85	4	2	270	3	231	52	33	4	76	39
008	OIST	2	77	2	2	90	1	217	50	32	2	63	33
007	OIST	2	88	2	2	90	3	217	50	32	2	68	30
G012	OIST	2	82	2	2	-0	1	225	52	33	5	84	53
E001	OIST	7	85	4	2	225	1	241	52	31	2	70	33
H012	SAFF	2	78	2	1	180	1	219	46	29	4	78	50
010	SAFF	2	82	2	1	180	1	219	46	29	4	89	62
009	SAFF	2	84	3	1	270	1	219	46	29	4	84	51
011	SAFF	2	77	1	1	-0	1	219	46	29	4	78	55
018	SAFF	4	70	2	2	-0	1	219	46	29	4	63	46
019	SAFF	4	72	5	1	270	1	219	46	29	5	72	51
D005	SAFF	4	80	3	1	180	2	219	46	29	3	85	57
017	SAFF	4	81	5	1	270	3	219	46	29	4	82	52
020	SAFF	4	86	3	1	270	3	219	46	29	3	88	52
021	SAFF	4	90	5	1	270	3	219	46	29	6	88	47
013	SAVA	2	80	2	1	45	2	225	52	33	2	81	53
029	SAVA	2	77	2	1	270	3	225	52	33	2	77	52
031	SAVA	2	76	2	1	-0	1	225	52	33	3	75	51
004	SAVA	2	75	2	1	315	3	217	51	32	2	76	53
036	SAVA	2	85	1	1	-0	-0	217	53	34	4	86	51
063	SAVA	2	76	2	1	-0	1	241	46	30	4	70	41
F001	SAVA	5	84	2	1	90	3	227	52	31	2	80	45
020	SAWY	2	80	2	1	360	2	217	49	31	4	88	66
039	SAWY	2	84	3	1	225	2	217	50	32	4	93	69
018	SAWY	2	88	2	1	270	2	233	51	32	2	95	63
017	SAWY	2	81	2	2	270	2	233	51	32	2	77	45
C003	SAWY	5	90	2	1	90	3	227	52	31	2	70	30
030	SAWY	5	82	2	1	-0	1	225	52	33	3	86	59
013	SAWY	5	79	2	1	315	2	217	50	32	2	81	55
009	SAWY	5	81	2	1	315	2	217	50	32	3	99	72
005	SAWY	5	89	2	1	270	3	225	52	33	2	97	65
011	SHOR	2	85	3	2	360	3	223	46	31	2	75	38
D013	SHOR	2	87	3	2	360	2	223	46	31	2	69	31
025	SHOR	2	73	3	1	180	1	224	50	30	2	66	42
046	SHOR	2	81	3	2	270	1	224	50	30	2	72	38
059	SHOR	4	83	3	1	315	1	241	52	32	2	86	55
002	STID	2	78	2	1	90	1	223	46	31	2	61	31
010	STOU	2	84	1	1	-0	-0	225	52	33	4	83	49
C016	STOU	2	81	2	2	270	2	231	52	32	5	79	47
014	STOU	5	75	1	1	-0	-0	225	52	33	2	68	41
027	STOU	5	88	1	1	360	3	225	52	33	2	88	51
034	STOU	5	86	1	1	180	1	217	50	32	2	80	42
020	STOU	5	76	1	1	-0	-0	224	50	30	3	72	46
022	STOU	5	77	1	1	-0	-0	224	50	30	2	65	35
018	STOU	5	80	1	1	-0	3	224	50	30	2	78	48
021	STOU	5	81	2	1	-0	-0	226	44	29	3	68	35
G001	SUSO	2	74	4	1	315	2	225	52	33	6	74	51
009	SUSO	5	73	3	1	225	2	225	52	33	3	82	72
007	SUSO	5	74	5	1	270	2	225	51	33	2	63	35
024	SUSO	5	79	6	1	360	2	225	52	32	2	86	68
I012	SUSO	5	71	2	1	270	2	217	49	31	2	76	60
D002	SUSO	5	68	2	1	315	2	217	50	32	2	63	44
014	SUSO	5	70	2	1	90	2	217	50	32	2	68	47
J012	SUSO	5	72	2	1	180	2	217	50	32	2	65	38
H001	SUSO	5	70	3	1	270	2	217	50	32	2	74	59
D003	SUSO	5	77	2	1	90	2	225	52	33	3	84	65
023	WILC	8	82	1	1	-0	-0	225	52	33	2	87	62
D015	WILC	8	82	1	1	-0	-0	225	52	33	3	86	57
D016	WILC	8	83	1	1	-0	-0	225	52	33	3	84	54
003	WILC	8	80	2	1	270	2	225	52	33	2	83	54
021	WILC	8	83	5	1	90	2	225	52	33	2	84	52
I001	WRIG	9	73	1	1	-0	-0	225	51	32	4	68	43
009	WRIG	1	77	1	1	-0	-0	233	46	31	2	73	44
003	WRIG	1	74	1	1	-0	-0	223	46	31	2	60	32
F013	WRIG	1	70	1	1	-0	-0	233	51	32	4	68	48
F016	WRIG	1	81	1	1	-0	-0	223	46	31	3	80	48
014	WRIG	1	81	1	1	-0	-0	226	44	29	7	81	51
AVG		3	82	2	1	221	2	226	50	31	3	77	75
CVR		57	8	56	33	42	43	3	5	5	40	14	503
MAX		9	104	6	3	360	3	241	53	35	7	104	5055
MIN		1	62	1	1	45	1	217	44	29	2	10	24
TOT		175	175	175	175	97	106	175	175	175	175	175	175

CASE. J. M.
LOBLOLLY PINE
GA. 1961 COASTAL PLAIN

SLCL-SLOPE CLASS
EROS-EROSION CLASS
STYP-SOIL TYPE
SI-SITE INDEX
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
083	BALD	11	88	1	1	0	7	257	53	34	4	83	43
084	BALD	5	97	1	1	0	7	257	53	34	4	90	45
087	BALD	5	90	1	1	0	7	257	53	34	4	90	49
068	BOSW	11	70	2	2	315	3	225	49	25	3	56	32
062	BOSW	16	86	6	4	270	2	233	50	25	4	82	44
063	BOSW	16	86	6	4	90	2	233	50	25	5	82	44
A064	BOSW	16	88	6	4	45	2	233	50	25	5	82	42
015	BRAD	11	72	3	4	45	2	220	46	22	5	61	35
284	BLAN	21	76	1	1	-0	-0	248	47	30	2	72	44
149	CAHA	22	77	1	1	0	7	268	50	28	3	65	35
086	COXV	11	88	1	1	0	7	257	53	34	4	83	44
082	EDIS	1	88	1	1	0	7	257	53	34	4	84	45
036	EDIS	1	94	1	1	0	7	250	47	30	5	94	51
A134	EULO	11	118	1	1	-0	-0	-0	-0	-0	12	91	35
004	EULO	11	91	1	1	-0	-0	-0	-0	-0	5	79	37
095	EULO	11	80	1	1	0	7	257	53	34	4	76	45
098	EULO	11	100	1	1	0	7	257	53	34	4	74	28
000	EULO	11	85	1	1	0	7	257	53	34	3	81	43
156	EULO	11	88	1	1	-0	-0	248	47	30	2	84	45
A304	FIST	23	90	1	1	-0	-0	239	45	27	1	97	61
300	FIST	23	82	1	1	-0	2	239	45	27	3	67	33
056	FIST	19	88	4	1	225	3	233	50	27	4	90	54
009	FIST	19	90	2	1	225	3	228	48	27	3	69	29
049	FAIR	11	81	1	1	0	7	257	53	34	4	61	28
288	FLIN	1	88	1	1	-0	-0	248	47	30	1	76	37
147	FLIN	1	83	2	1	225	7	249	50	29	3	72	36
148	FLIN	1	87	1	1	0	7	249	50	29	3	83	44
308	GRAD	11	85	1	1	-0	-0	239	45	27	3	90	57
416	GRAD	11	98	1	1	-0	-0	246	44	26	1	97	49
418	GRAD	11	89	1	1	-0	-0	246	44	26	1	96	53
311	GRAD	12	88	1	1	-0	-0	239	45	27	3	95	62
077	GILE	19	95	2	1	225	7	225	49	25	3	77	32
078	GILE	19	83	2	1	45	2	225	49	25	4	64	30
011	GALE	21	91	1	1	0	7	225	53	34	5	67	27
B064	GREE	11	75	2	2	135	2	225	49	25	4	66	46
038	GREE	11	80	2	2	180	7	249	50	29	5	60	28
B134	GREE	11	79	1	1	45	2	249	50	29	4	69	38
135	GREE	11	89	2	2	360	3	249	50	29	4	74	34
143	GREE	11	85	2	2	90	3	249	50	29	4	78	40
019	GREE	12	87	2	4	225	2	224	45	25	4	60	24
070	GREE	12	83	3	3	315	2	242	50	26	5	66	31
783	GOLD	19	96	1	1	135	3	247	49	31	4	82	35
059	HOFF	11	77	2	4	90	2	230	49	25	4	62	32
389	INDE	23	86	1	1	-0	-0	239	45	27	2	85	49
004	KALM	13	100	2	3	270	3	245	42	30	3	73	27
045	KLEJ	23	78	2	1	315	3	245	48	27	3	59	29
033	KLEJ	23	82	2	1	0	7	250	47	30	5	65	31
130	KLEJ	23	76	1	1	-0	-0	248	47	30	7	70	43
202	KLEJ	19	72	1	1	-0	-0	248	47	30	3	0	0
A061	LAKE	23	87	1	1	90	2	225	49	25	4	67	30
A305	LAKE	23	79	1	1	-0	-0	239	43	27	0	0	0
200	LAKE	23	90	2	1	-0	3	248	47	30	5	76	37
B061	LAKE	23	95	4	3	225	4	233	50	25	4	62	23
B305	LAKE	23	79	1	1	-0	-0	239	45	27	2	77	47
126	LAKE	23	94	1	1	-0	-0	248	47	30	4	94	50
422	LAKE	23	90	1	1	-0	-0	246	44	26	3	86	45
310	LAKE	23	80	2	1	-0	-0	239	45	27	4	80	50
070	LAKE	19	96	2	4	135	3	225	49	25	3	66	24
424	LEAF	11	104	1	1	-0	-0	239	44	26	3	86	33
317	ALLU	-0	76	2	2	-0	-0	247	43	23	1	72	45
072	LYNC	11	90	2	1	90	3	225	49	25	3	75	33
062	MAGN	11	80	2	2	225	2	225	48	25	4	57	27
027	NORF	19	90	2	1	180	3	240	42	30	3	72	29
B304	NORF	19	90	2	2	-0	4	239	45	27	2	0	0
302	NORF	19	73	2	2	-0	4	239	45	27	1	76	57
C305	NORF	11	76	2	2	-0	2	239	45	27	4	73	45
302	NORF	11	73	2	2	-0	4	239	45	27	1	0	0
014	ORAN	19	91	2	1	225	3	224	45	25	5	58	21
152	ORAN	11	83	2	1	225	7	249	50	29	3	73	37
017	ORAN	11	89	2	2	225	2	224	45	25	5	56	22
132	ORAN	11	83	2	2	45	3	249	50	29	4	66	31
151	ORAN	11	83	2	2	315	3	249	50	28	3	92	68
010	ORAN	11	89	3	3	315	3	228	48	27	3	59	24
066	ORAN	11	95	3	3	135	3	225	49	25	4	68	26
003	PLUM	23	115	1	1	90	4	257	53	34	5	74	23

181	PLUM	23	93	1	1	0	4	247	49	31	3	72	38
055	RUST	19	81	2	1	90	2	230	49	25	4	64	32
056	RUST	19	84	2	1	90	2	230	49	25	4	53	22
057	RUST	19	85	2	1	180	7	233	50	26	5	75	38
314	RUST	11	81	2	2	-0	2	239	45	27	1	84	55
059	VANC	11	78	2	2	45	2	233	50	25	5	62	31
060	VANC	11	71	2	2	135	2	233	50	25	5	57	31
058	VANC	11	84	6	3	90	3	233	50	26	5	72	35
096	VANC	19	90	2	4	90	3	245	42	30	3	65	27
080	VANC	19	69	2	5	180	3	225	49	25	4	56	36
020	VANC	19	84	3	6	180	2	240	45	25	5	67	33
145	WAHE	1	80	2	1	0	7	249	50	29	3	57	26
146	WAHE	1	82	2	1	0	7	249	50	29	3	72	37
035	WEST	1	87	2	1	0	3	250	47	30	5	76	37
138	WEST	1	90	2	1	-0	-0	-0	-0	-0	7	55	24
141	WEST	15	90	2	1	-0	-0	250	47	30	9	78	36
037	WEST	15	90	2	1	0	7	250	47	30	3	74	28
AVG		14	86	2	2	170	4	241	48	28	4	74	38
CVR		47	9	59	66	54	52	5	6	11	43	15	28
MAX		23	115	6	6	360	7	268	53	34	12	97	68
MIN		1	69	1	1	45	2	220	42	22	1	53	21
TOT		91	92	92	92	44	70	89	89	89	91	88	88

CASE, J. M.
LOBLOLLY PINE
GA. MOUNTAIN AREA 1961

STYP-SOIL TYPE
SI-SITE INDEX
SLOP-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLOP	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
114	APIS	1	83	2	2	315	2	202	54	28	2	55	27
115	APIS	2	78	5	3	45	2	192	54	27	2	50	25
012	ARMU	3	67	-0	-0	225	4	213	54	29	3	64	47
101	ARMU	3	61	4	5	135	4	213	54	29	2	57	44
108	COLB	4	60	2	1	135	4	202	54	28	1	50	36
105	COLB	4	84	2	1	225	2	202	54	28	2	85	48
109	COLB	4	71	2	1	225	3	202	54	28	1	65	40
027	FANN	1	110	4	2	135	3	201	59	31	1	94	43
031	FANN	1	73	3	3	45	3	205	61	31	1	45	22
043	FANN	5	70	4	1	135	2	191	71	36	1	61	35
044	FANN	5	80	4	1	135	2	191	71	36	1	60	30
045	FANN	5	75	4	1	135	2	191	71	36	1	61	38
005	FOLS	4	84	2	2	225	2	192	54	27	2	83	53
003	FOLS	6	90	-0	-0	45	3	192	54	27	3	86	45
006	FOLS	6	82	2	3	225	2	192	54	27	3	82	50
090	GREE	7	71	2	1	-0	4	217	54	29	4	65	41
054	HABE	1	80	3	1	225	2	214	59	32	1	72	42
057	HABE	1	72	3	1	225	2	214	59	32	1	71	48
035	HABE	8	75	3	1	45	2	214	59	32	1	61	32
040	HABE	8	72	4	1	225	3	214	59	32	1	62	35
041	HABE	8	81	5	1	225	3	191	71	36	1	69	34
065	HABE	8	90	5	1	135	3	191	71	36	1	82	45
046	HAYE	1	58	5	1	45	3	191	71	36	1	53	40
036	HAYE	1	65	5	2	315	3	191	71	36	1	51	30
013	JEFF	1	90	-0	-0	315	3	213	54	29	2	86	46
095	JEFF	1	90	2	1	-0	4	202	54	28	2	72	33
901	LINK	1	62	3	1	180	3	201	54	27	1	53	32
902	LINK	1	70	3	2	180	2	201	54	27	6	45	19
010	MONT	4	70	-0	-0	-0	2	213	54	29	2	73	58
010	MONT	4	89	-0	-0	135	-0	213	54	29	4	78	39
103	MONT	4	67	2	2	135	2	213	54	29	1	65	47
069	RABU	9	72	5	1	45	4	194	65	33	3	78	67
089	ROAN	4	80	1	1	-0	4	217	54	29	3	80	50
068	TALL	1	70	5	1	45	3	213	59	29	4	62	42
903	TELL	11	70	5	2	180	2	202	54	28	6	47	22
014	TUSQ	5	85	2	1	-0	2	201	59	31	1	90	58
053	TUSQ	5	79	4	1	225	2	191	71	36	1	65	35
056	TUSQ	5	80	4	1	135	2	191	71	36	1	62	31
AVG		4	76	3	2	164	3	202	59	31	2	67	40
CVR		68	14	38	60	50	29	5	12	11	49	20	27
MAX		11	110	6	5	315	4	217	71	36	6	94	67
MIN		1	58	1	1	45	2	191	54	27	1	45	19
TOT		38	38	33	33	33	37	38	38	38	38	38	38

CASE, J. M.
LOBLOLLY PINE
GA. 1961 PIEDMONT

STYP-SOIL TYPE

SI-SITE INDEX

SLOP-SLOPE CLASS

EROS-EROSION CLASS

ASP-ASPECT

PPOS-PLOT POSITION

FFDY-FROST FREE DAYS

ANN-ANNUAL PRECIPITATION

GR-PRECIPITATION IN GROWING SEASON

NOTR-NUMBER TREES MEASURED

AVHT-AVERAGE HEIGHT

AVAG-AVERAGE AGE

		STYP	SI	SLOP	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
A573	ALLU	-0	105	1	1	-0	-0	222	43	22	2	91	36
689	ALLU	-0	88	1	1	-0	-0	230	48	24	2	75	34
764	ALLU	-0	100	1	1	-0	-0	230	48	24	1	81	32
335	ALLU	-0	84	2	1	-0	3	242	44	24	3	70	34
333	ALLU	-0	90	2	1	-0	4	242	44	24	1	80	39
A007	APPL	11	88	2	2	135	3	226	49	24	4	65	28
B007	APPL	11	87	2	2	45	3	226	49	24	3	54	21
C007	APPL	11	78	2	2	45	3	215	49	24	3	67	36
024	APPL	11	79	2	2	-0	-0	217	47	24	4	60	29
022	APPL	11	82	3	2	-0	-0	217	47	24	4	60	27
023	APPL	11	86	3	2	-0	-0	217	47	24	5	82	44
D007	APPL	15	77	4	2	45	2	219	48	25	3	76	49
E007	APPL	15	89	2	2	315	2	217	50	25	3	69	30
016	APPL	15	85	2	2	225	2	217	50	25	3	65	29
A017	APPL	15	79	2	2	225	2	217	50	25	3	63	32
A005	CECI	11	75	2	1	45	3	217	50	25	3	87	91
008	CECI	11	78	2	1	45	3	217	50	25	3	90	91
B017	CECI	11	92	2	1	-0	-0	217	47	24	4	68	28
A012	CECI	11	95	2	1	270	2	230	47	24	5	60	22
689	CECI	11	76	2	1	-0	2	230	48	24	2	63	34
A001	CECI	11	92	2	1	-0	4	230	48	24	4	91	48
016	CECI	11	82	2	2	-0	-0	217	47	24	4	52	22
020	CECI	11	80	2	2	270	2	230	47	24	6	46	20
F007	CECI	11	77	2	2	45	2	220	47	24	4	66	35
027	CECI	11	85	2	2	45	4	217	50	25	3	60	22
B015	CECI	11	73	2	2	225	2	211	51	25	5	54	28
019	CECI	11	88	2	2	225	2	217	50	25	3	69	31
026	CECI	11	90	2	2	225	2	217	50	25	3	61	24
A620	CECI	11	72	2	2	-0	2	230	48	24	2	59	33
B001	CECI	11	92	2	2	-0	4	230	48	24	4	91	48
571	CECI	11	89	2	1	-0	2	222	43	22	1	98	68
060	CECI	11	73	3	2	45	2	230	47	24	6	51	25
G007	CECI	11	75	3	2	225	3	217	47	24	2	63	34
A018	CECI	11	78	3	2	225	3	217	50	25	3	63	32
C001	CECI	11	75	3	2	-0	3	242	44	24	3	75	52
589	CECI	11	71	3	2	-0	3	221	48	22	1	65	41
B620	CECI	11	81	3	2	-0	3	222	43	22	1	66	33
333	CECI	11	84	4	2	-0	3	242	44	24	2	74	39
028	CECI	11	88	5	2	45	2	230	47	24	7	63	27
B012	CECI	16	64	5	3	225	2	217	50	25	3	52	32
013	CECI	16	76	2	3	135	2	217	50	25	3	60	32
014	CECI	16	78	2	3	135	2	217	50	25	3	62	31
590	CECI	16	74	2	3	-0	2	221	48	26	2	59	32
576	CECI	16	66	2	3	-0	2	222	43	22	1	55	34
004	CECI	16	70	2	4	315	3	217	50	25	3	46	22
011	CECI	16	80	2	4	45	4	217	50	25	3	64	30
005	CECI	16	75	3	3	225	2	211	51	25	5	56	28
D001	CECI	16	83	3	3	45	3	217	50	25	2	55	24
041	CECI	16	70	3	3	45	3	217	48	25	3	58	36
051	CECI	16	84	3	3	180	4	230	47	24	6	67	57
C012	CECI	16	77	3	3	45	3	219	48	25	3	48	22
002	CECI	16	80	3	3	315	3	219	48	25	3	45	18
006	CECI	16	78	3	4	315	3	219	48	25	4	52	24
064	CECI	16	63	3	4	135	3	217	48	25	3	54	35
A697	CECI	16	76	4	3	-0	2	230	48	24	1	72	76
B697	CECI	16	73	4	3	-0	3	230	48	24	2	69	73
698	CECI	16	73	4	3	-0	3	230	48	24	2	66	73
002	CECI	16	80	4	3	-0	4	242	44	24	5	82	80
020	CECI	16	75	4	4	45	3	217	50	25	3	62	75
021	CECI	16	75	4	4	45	3	217	50	25	3	59	75
022	CECI	16	64	4	4	45	4	217	50	25	3	53	64
E001	CECI	16	75	5	3	45	3	217	50	25	2	53	75
584	CECI	16	79	5	3	-0	3	221	48	26	3	69	79
583	CECI	16	80	5	3	-0	3	222	43	22	1	75	80
071	CECI	16	68	5	4	315	2	230	47	24	5	50	68
H007	CECI	17	68	2	2	225	2	219	48	25	3	48	68
I007	CECI	15	63	3	2	45	2	219	48	25	3	49	63
078	CHEW	4	100	1	1	-0	4	194	64	32	2	81	100
680	COLE	11	75	2	2	-0	4	229	49	24	3	74	75
762	CONG	1	110	1	1	-0	4	230	48	24	2	119	110
006	DAVI	5	78	2	1	45	2	217	50	25	3	85	78
023	DAVI	5	78	2	1	45	2	217	50	25	3	80	78
694	DAVI	5	77	2	1	-0	3	230	50	24	2	60	77
575	DAVI	5	74	2	1	-0	2	222	43	22	4	64	74
J007	DAVI	5	87	2	1	135	2	217	47	24	2	66	87

068	DAVI	5	79	2	2	-0	-0	230	47	24	5	57	79
K007	DAVI	5	90	3	2	45	3	215	49	24	5	77	90
L007	DAVI	5	76	3	2	45	4	217	47	24	4	61	76
M007	DAVI	5	84	3	2	315	2	215	49	24	3	66	84
068	DAVI	5	76	3	2	135	2	230	47	24	4	57	76
N007	DAVI	12	82	2	3	225	3	217	47	24	4	70	82
O007	DAVI	12	75	2	3	135	2	215	49	24	3	60	75
P007	DAVI	12	80	3	3	135	2	217	47	24	4	58	80
R573	DAVI	12	75	3	3	45	3	217	50	25	3	52	75
C573	DAVI	12	85	5	3	-0	3	222	43	22	2	72	85
D573	DAVI	12	70	5	3	-0	2	222	43	22	1	60	70
007	FELA	5	70	3	2	225	4	220	47	24	4	57	70
052	FELA	5	77	3	2	90	8	230	47	24	8	63	77
025	FELA	5	72	3	4	180	2	230	47	24	5	74	72
A034	FELA	5	62	3	4	45	2	230	47	24	7	45	62
038	FELA	5	75	4	4	225	2	230	47	24	6	52	75
046	FELA	5	60	4	4	225	4	230	47	24	6	60	60
057	FELA	5	68	4	4	135	2	230	47	24	5	65	68
035	FELA	5	62	5	3	180	4	230	47	24	7	45	62
033	FNON	11	64	2	1	45	2	211	51	25	3	49	64
B034	FNON	11	63	2	1	45	3	211	51	25	3	60	63
036	FNON	11	60	2	3	225	3	211	51	25	3	50	60
691	FNON	11	73	3	2	-0	4	230	48	24	2	74	73
570	GERR	6	71	3	3	-0	3	222	43	22	3	63	71
F001	GOLD	6	68	5	3	-0	2	242	44	24	4	68	51
023	HELE	11	65	2	1	225	3	226	49	24	3	62	46
049	HELE	11	70	3	2	270	2	230	47	24	4	70	50
006	HELE	11	68	4	2	180	2	230	47	24	3	63	41
088	HELE	16	71	2	3	225	3	226	49	24	4	64	40
084	HELE	16	76	3	3	225	4	226	49	24	5	79	49
075	HELE	16	60	4	4	180	4	230	47	24	6	47	30
C005	IRED	1	73	2	1	225	4	211	51	25	4	51	26
D005	IRED	1	73	2	1	45	3	211	51	25	3	59	33
037	IRED	5	60	1	1	225	2	211	51	25	3	54	40
003	IRED	5	67	1	1	-0	-0	230	47	24	5	55	38
015	IRED	5	70	1	1	-0	-0	230	47	24	5	68	48
004	IRED	5	65	1	1	-0	-0	230	47	24	5	54	36
693	LLOY	11	71	1	2	-0	2	230	48	24	2	59	33
006	LLOY	11	85	2	1	-0	-0	219	48	25	5	55	23
007	LLOY	11	72	2	2	-0	-0	219	48	25	5	51	25
021	LLOY	11	86	2	1	-0	-0	217	47	24	4	58	24
745	LLOY	11	75	2	2	-0	3	230	48	24	3	56	37
063	LLOY	11	80	3	2	225	2	230	47	24	6	58	28
037	LLOY	11	93	3	2	135	2	230	47	24	6	57	25
067	LLOY	11	73	3	2	135	3	215	49	24	4	61	34
020	LLOY	11	78	3	2	-0	-0	217	47	24	5	75	49
010	LLOY	11	84	3	2	45	2	230	47	24	5	87	54
011	LLOY	11	86	3	2	315	4	230	47	24	5	74	41
703	LLOY	11	73	3	2	-0	3	230	48	24	2	62	34
009	LLOY	11	90	4	2	45	4	230	47	24	6	90	48
040	LLOY	11	80	4	2	135	2	230	47	24	6	61	28
Q007	LLOY	11	90	2	2	135	3	217	47	24	3	68	28
R007	LLOY	11	73	2	2	45	2	215	49	24	3	63	37
S007	LLOY	11	80	2	2	315	3	215	49	24	4	74	41
033	LLOY	12	72	2	3	225	2	230	47	24	5	50	26
003	LLOY	12	65	2	3	225	2	230	47	24	5	61	41
002	LLOY	12	85	2	3	-0	-0	230	47	24	4	65	29
T007	LLOY	12	74	3	3	225	3	217	47	24	3	62	34
U007	LLOY	12	78	3	3	135	3	215	49	24	3	56	35
G001	LLOY	12	80	3	3	-0	-0	230	47	24	4	65	33
E005	LLOY	12	75	3	3	45	2	230	47	24	6	70	42
016	LLOY	12	72	3	3	225	2	230	47	24	5	41	18
B018	LLOY	12	75	3	3	135	3	230	47	24	7	55	27
019	LLOY	12	65	3	3	225	3	230	47	24	6	48	27
024	LLOY	12	72	3	3	225	2	230	47	24	7	51	26
054	LLOY	12	64	3	3	180	2	230	47	24	6	63	49
062	LLOY	12	70	3	3	225	2	230	47	24	5	55	31
003	LLOY	12	76	3	3	-0	2	242	44	24	5	69	43
593	LLOY	12	74	3	3	-0	3	221	48	26	3	61	32
703	LLOY	12	72	3	3	-0	3	230	48	24	1	62	32
002	LLOY	12	62	4	3	45	2	230	47	24	8	58	42
059	LLOY	12	77	4	3	135	2	230	47	24	4	74	46
008	LLOY	12	75	4	4	45	2	230	47	24	6	76	52
051	LLOY	12	81	4	4	315	2	230	47	24	6	57	81
067	LLOY	12	67	4	4	315	4	230	47	24	5	50	67
H001	LLOY	12	86	5	3	360	4	230	47	24	8	81	86
031	LLOY	12	85	5	3	225	4	230	47	24	7	63	85
004	LLOY	12	82	5	4	-0	-0	230	47	24	6	76	82
V007	LLOY	12	79	5	4	-0	8	230	47	24	6	74	79
014	LLOY	12	82	5	4	45	2	230	47	24	5	75	82
027	LLOY	12	82	5	4	315	2	230	47	24	6	56	82
696	LLOY	5	95	1	1	-0	-0	230	48	24	2	75	95
024	LLOY	5	77	2	1	45	2	217	50	25	3	86	77
025	LLOY	5	74	2	1	45	2	217	50	25	3	83	74
699	LLOY	5	82	3	2	-0	3	230	48	24	2	73	82
332	LLOY	1	78	2	1	-0	3	242	44	24	3	65	78
336	LLOY	1	86	2	2	-0	2	242	44	24	5	76	86
332	LLOY	1	77	2	2	-0	3	242	44	24	2	65	34
332	LLOY	1	73	3	2	-0	3	242	44	24	3	61	34
W007	LOUI	19	78	4	2	315	2	219	48	25	3	50	22
334	LOUI	19	75	4	2	-0	2	242	44	24	3	70	41
334	LOUI	19	79	4	2	-0	3	242	44	24	3	74	43
037	LOUI	19	70	4	4	315	3	219	48	25	3	47	23

034	MECK	11	68	2	1	135	2	211	51	25	3	44	23
021	MECK	11	82	3	2	135	2	230	47	24	5	56	24
574	MECK	11	81	3	2	-0	2	222	43	22	4	67	33
022	MECK	11	75	3	4	135	4	230	47	24	6	76	53
003	MECK	1	66	3	3	225	2	219	48	25	4	54	34
X007	NASO	11	67	2	2	315	3	220	47	24	4	57	35
Y007	NASO	11	70	3	2	225	2	220	47	24	4	59	34
I001	ORAN	5	67	1	1	-0	4	230	48	24	5	60	39
005	ORAN	5	58	3	2	135	3	208	44	23	4	57	47
044	STAR	5	104	1	1	-0	9	230	47	24	5	100	45
030	VANC	11	78	2	1	315	3	219	48	25	4	60	29
Z007	VANC	11	73	2	1	45	2	233	47	25	5	58	31
C018	VANC	11	80	2	1	-0	-0	217	47	24	4	61	30
J001	VANC	11	67	2	2	-0	4	221	48	26	4	0	0
030	VANC	11	82	3	2	225	2	230	47	24	5	63	30
055	VANC	11	68	3	2	180	2	230	47	24	5	72	59
064	VANC	11	80	3	2	135	2	230	47	24	6	59	26
050	VANC	11	67	4	2	315	4	230	47	24	5	67	51
056	VANC	11	75	4	2	135	4	230	47	24	4	77	54
053	VANC	11	76	4	2	135	4	230	47	24	6	74	47
042	VANC	11	80	4	2	-0	-0	219	48	25	3	63	30
045	VANC	16	87	3	3	225	2	230	47	24	5	67	51
066	VANC	16	76	3	3	45	2	230	47	24	6	55	27
007	VANC	16	66	3	4	225	3	233	47	25	4	58	38
061	VANC	16	75	4	3	45	4	230	47	24	5	55	27
069	VANC	16	60	4	3	45	2	230	47	24	5	45	28
053	VANC	16	66	4	4	360	4	230	47	24	6	63	45
005	WTCK	16	75	3	2	135	2	211	51	25	4	52	25
582	WTCK	16	67	6	3	-0	2	222	43	22	1	65	47
042	WTLK	11	80	5	1	315	2	230	47	24	5	93	84
041	WTLK	11	80	5	2	225	2	230	47	24	8	58	27
048	WTLK	11	68	5	2	270	2	230	47	24	6	68	48
013	WTLK	11	79	5	2	45	2	230	47	24	6	79	50
086	WTLK	11	76	6	2	225	3	226	49	24	4	69	40
070	WTLK	11	79	6	3	45	2	230	47	24	5	52	28
AVG		11	77	3	2	163	3	225	48	24	4	64	48
CVR		37	12	39	40	60	38	4	5	4	40	19	45
MAX		19	110	6	4	360	9	242	64	32	8	119	110
MIN		1	58	1	1	45	2	194	43	22	1	41	18
TOT		198	203	203	203	133	181	203	203	203	203	202	202

CASE. J. M.
LOBLOLLY PINE
1961 S. CAROLINA LOWER COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
236	KLEJ	2	-0	1	1	47	32	245	-0	-0	-0
261	KLEJ	2	74	1	1	49	36	259	1	52	74
283	KLEJ	2	-0	1	1	48	36	256	-0	-0	-0
292	KLEJ	2	-0	1	1	48	36	255	-0	-0	-0
295	KLEJ	2	-0	1	1	49	37	258	-0	-0	-0
266	KLEJ	2	-0	1	1	48	34	256	-0	-0	-0
217	KLEJ	2	-0	1	1	50	35	236	-0	-0	-0
218	KLEJ	2	-0	1	1	50	35	236	-0	-0	-0
018	KLEJ	2	-0	1	1	47	32	230	-0	-0	-0
259	KLEJ	2	-0	1	1	48	34	257	-0	-0	-0
274	KLEJ	11	71	1	1	49	36	259	1	62	71
641	KLEJ	11	68	1	1	50	35	247	1	60	68
642	KLEJ	11	80	1	1	51	38	269	1	30	80
644	KLEJ	11	-0	1	1	51	38	268	-0	-0	-0
632	KLEJ	11	64	1	1	50	36	256	1	50	64
130	KLEJ	11	-0	1	1	48	38	268	-0	-0	-0
140	KLEJ	11	-0	1	1	48	37	259	-0	-0	-0
196	KLEJ	11	80	1	1	47	32	235	1	30	80
205	KLEJ	11	65	1	1	50	35	237	5	42	60
204	KLEJ	11	72	1	1	50	35	236	1	45	69
268	LAKE	11	62	1	1	48	35	256	1	37	55
417	LAKE	11	85	1	1	48	34	252	3	35	74
635	LAKE	11	70	1	1	50	36	259	3	37	61
006	LAKE	11	79	1	1	50	36	238	5	47	77
633	LAKE	11	67	1	1	50	36	237	1	50	67
040	LAKE	11	74	1	1	50	35	233	5	36	64
642	LAKE	11	66	1	1	51	38	269	2	36	56
346	LAKE	11	-0	1	1	48	32	251	-0	-0	-0
421	LAKE	11	-0	1	1	48	36	253	-0	-0	-0
124	LAKE	11	-0	1	1	48	37	260	-0	-0	-0
636	LAKE	11	-0	1	1	48	36	258	-0	-0	-0
642	LAKE	11	72	2	1	51	38	269	1	33	60
643	LAKE	11	70	2	1	51	38	268	3	39	63
0355	LAKE	11	-0	2	1	47	31	253	-0	-0	-0
0290	LAKE	11	90	2	1	48	38	255	5	37	76
0642	LAKE	11	67	3	1	51	38	269	1	33	55
0444	LAKE	11	85	2	1	47	31	251	2	30	65
0431	LAKE	11	84	2	1	48	33	251	5	34	70
E0091	LAKE	11	90	1	1	50	36	258	1	56	94
0126	LAKE	11	94	1	1	48	38	269	4	50	94
0506	LAKE	11	90	1	1	46	31	258	4	31	71
0286	LAKE	11	-0	1	1	48	35	254	-0	-0	-0
0292	LAKE	11	-0	1	1	48	36	255	-0	-0	-0
0420	LAKE	11	-0	2	1	47	36	252	-0	-0	-0
0422	LAKE	11	90	3	1	48	36	253	3	45	86
0423	LAKE	11	-0	3	1	47	36	253	-0	-0	-0
0848	LAKE	10	-0	1	1	47	32	252	-0	-0	-0
A0226	LEAF	8	91	1	1	50	36	270	2	47	89
B0226	LEAF	6	92	1	1	50	36	270	3	48	91
0182	LENO	2	87	1	1	50	37	265	6	48	85
0103	LEON	4	-0	1	1	49	38	276	-0	-0	-0
0071	LEON	4	-0	1	1	48	39	288	-0	-0	-0
0151	LEON	4	71	1	1	48	36	258	2	43	67
0039	LYNC	7	85	1	1	46	31	250	3	54	87
0349	LYNC	7	87	1	1	48	32	253	6	54	90
0529	LYNC	7	87	1	1	45	31	238	3	68	95
B0001	LYNC	7	-0	1	1	47	32	233	-0	-0	-0
0002	LYNC	7	-0	1	1	47	32	234	-0	-0	-0
0256	LYNC	7	-0	1	1	48	33	253	-0	-0	-0
0350	LYNC	7	-0	1	1	47	32	251	-0	-0	-0
0030	LYNC	2	81	1	1	48	34	257	1	65	89
0040	LYNC	2	80	1	1	46	31	250	2	39	71
0194	LYNC	2	89	1	1	47	32	235	2	33	74
0282	LYNC	2	77	1	1	48	36	256	1	45	74
0440	LYNC	2	82	1	1	47	31	251	2	58	86
0029	LYNC	2	-0	1	1	49	35	258	-0	-0	-0
0186	LYNC	2	-0	1	1	48	34	258	-0	-0	-0
0190	LYNC	2	-0	1	1	46	31	235	-0	-0	-0
0193	LYNC	2	-0	1	1	47	32	235	-0	-0	-0
0240	LYNC	2	-0	1	1	50	34	238	-0	-0	-0
0241	LYNC	2	-0	1	1	50	34	238	-0	-0	-0
0496	LYNC	2	-0	1	1	46	31	258	-0	-0	-0
0497	LYNC	2	-0	1	1	46	31	258	-0	-0	-0
0498	LYNC	2	-0	1	1	46	31	258	-0	-0	-0
0530	LYNC	2	-0	1	1	45	31	237	-0	-0	-0
0184	MARL	2	-0	1	1	48	34	258	-0	-0	-0
1019	MEGG	2	107	1	1	48	38	279	1	44	101

0108	MEGG	2	112	1	1	49	38	274	4	46	109
0105	MEGG	2	103	1	1	48	38	277	2	39	90
1031	MEGG	5	98	1	1	48	38	274	1	38	86
1032	MEGG	5	99	1	1	48	38	275	2	31	77
1033	MEGG	5	90	1	1	48	38	276	2	31	71
0109	MINE	-0	120	1	1	49	37	273	3	55	124
1024	MINE	-0	109	1	1	49	38	279	1	51	109
0230	MYAT	7	86	1	1	47	32	245	4	58	93
0850	MYAT	7	99	1	1	47	32	250	1	47	96
0287	MYAT	2	107	1	1	48	35	254	3	38	95
270	MYAT	2	-0	1	1	49	35	257	-0	-0	-0
176	NORF	7	-0	1	1	49	36	262	-0	-0	-0
421	NORF	7	-0	1	1	47	36	252	-0	-0	-0
391	NORF	7	83	2	1	46	31	252	5	47	81
030	NORF	10	77	1	1	48	34	257	3	63	84
176	NORF	10	-0	1	1	49	36	262	-0	-0	-0
281	NORF	10	-0	1	1	48	36	255	-0	-0	-0
187	NORF	10	71	1	1	49	37	264	3	57	74
091	NORF	10	-0	1	1	47	33	243	-0	-0	-0
028	ONA	10	-0	1	1	50	38	277	-0	-0	-0
027	ONA	10	67	1	1	50	38	277	3	66	73
175	ONA	10	62	1	1	50	38	285	2	65	68
219	ONA	10	82	1	1	50	35	238	1	47	80
131	ONA	10	-0	1	1	48	38	268	-0	-0	-0
139	ONA	10	-0	1	1	48	37	259	-0	-0	-0
206	ONA	10	-0	1	1	50	35	237	-0	-0	-0
A114	ONA	10	-0	1	1	48	37	260	-0	-0	-0
027	ONA	11	67	1	1	50	38	276	3	47	65
101	ONSL	7	81	1	1	49	37	262	5	46	79
451	ONSL	7	-0	1	1	47	32	245	-0	-0	-0
B114	ONSL	7	77	1	1	48	37	260	1	50	77
240	ONSL	7	-0	1	1	50	34	238	-0	-0	-0
136	ONSL	7	-0	1	1	48	38	264	-0	-0	-0
008	ONSL	7	74	1	1	50	35	238	4	45	71
104	PORT	7	-0	1	1	47	32	246	-0	-0	-0
070	PORT	7	96	1	1	47	32	251	2	55	100
350	PORT	7	-0	1	1	47	32	251	-0	-0	-0
071	PORT	7	-0	1	1	47	32	251	-0	-0	-0
B111	PORT	7	-0	1	1	48	37	267	-0	-0	-0
C114	PORT	7	-0	1	1	48	37	260	-0	-0	-0
195	PORT	7	93	1	1	48	32	236	2	31	74
238	PORT	7	94	1	1	49	34	245	4	43	87
280	PORT	7	97	1	1	48	36	255	5	47	95
352	PORT	7	105	1	1	47	32	253	1	49	104
435	PORT	7	103	1	1	48	33	251	1	30	80
495	PORT	7	99	1	1	46	31	258	1	37	86
500	PORT	7	104	1	1	46	31	258	3	33	86
122	PORT	7	103	1	1	48	35	256	3	31	82
193	PORT	7	-0	1	1	47	32	235	-0	-0	-0
049	PORT	1	-0	1	1	47	32	251	-0	-0	-0
732	PORT	1	100	1	1	47	32	251	2	57	105
014	PORT	1	111	1	1	47	32	230	1	60	119
188	PORT	1	96	1	1	50	38	264	4	51	97
847	PORT	1	108	1	1	48	32	253	1	35	89
352	PORT	1	102	1	1	47	32	253	2	52	103
097	PORT	1	-0	1	1	48	33	253	-0	-0	-0
031	PLUM	9	86	1	1	49	37	263	5	63	94
416	PLUM	9	97	1	1	48	34	252	1	43	91
032	PLUM	9	-0	1	1	46	31	258	-0	-0	-0
052	PLUM	9	-0	1	1	46	30	237	-0	-0	-0
040	PLUM	9	-0	1	1	50	35	233	-0	-0	-0
0114	PLUM	9	-0	1	1	48	37	260	-0	-0	-0
852	PLUM	11	100	1	1	47	32	250	1	52	102
851	PLUM	11	80	1	1	47	32	250	1	37	71
0189	RAIN	2	98	1	1	49	38	264	5	36	84
0416	RAIN	2	96	1	1	48	34	252	2	43	81
0418	RAIN	2	96	1	1	48	34	252	1	67	106
0123	RAIN	2	100	1	1	48	35	256	5	44	94
E0114	RAIN	2	-0	1	1	48	37	260	-0	-0	-0
0033	RUTL	10	100	1	1	50	37	286	2	37	87
0147	RUTL	10	95	1	1	48	33	234	6	40	86
0227	RUTL	10	95	1	1	47	32	247	1	35	78
0102	RUTL	10	-0	1	1	47	32	246	-0	-0	-0
0104	RUTL	10	-0	1	1	47	32	246	-0	-0	-0
0240	RUTL	9	91	1	1	50	34	238	2	49	90
F0114	RUTL	10	83	1	1	48	37	260	2	50	83
0214	RUTL	10	84	1	1	50	36	242	1	58	88
0518	RUTL	10	85	1	1	46	31	237	3	55	87
0285	RUTL	10	-0	1	1	48	35	254	-0	-0	-0
0366	RUTL	10	-0	1	1	47	33	225	-0	-0	-0
0294	RUTL	10	-0	1	1	48	36	254	-0	-0	-0
0189	RUTL	10	90	1	1	49	38	264	2	35	77
0162	SEAB	10	89	1	1	48	38	289	1	40	81
0169	SEAB	10	89	1	1	48	38	289	5	40	81
0171	SEAB	10	81	1	1	49	38	285	6	32	66
0034	SEAB	10	-0	1	1	50	37	286	-0	-0	-0
0164	SEAB	10	-0	1	1	48	38	287	-0	-0	-0
0170	SEAB	10	-0	1	1	49	38	285	-0	-0	-0
0791	SEAB	9	90	1	1	49	38	262	1	51	91
1011	STON	2	105	1	1	49	37	272	2	30	81
1021	STON	2	108	1	1	48	38	279	1	34	89
0024	STJO	11	-0	1	1	50	37	267	-0	-0	-0
0027	STJO	11	-0	1	1	50	38	277	-0	-0	-0

0221	STJO	11	-0	1	1	50	37	265	-0	-0	-0
0072	STJO	11	-0	1	1	48	39	288	-0	-0	-0
0175	STJO	9	66	1	1	49	38	285	1	68	73
0231	STLU	11	62	1	1	48	33	248	2	41	56
C0222	STLU	11	57	1	1	50	37	265	1	67	63
0262	STLU	11	-0	1	1	50	35	237	-0	-0	-0
0263	WAHA	6	91	1	1	49	35	258	5	66	100
0026	WAND	11	73	1	1	50	36	255	4	50	73
0032	WAND	11	69	1	1	50	38	278	5	47	67
0212	WAND	11	62	1	1	50	36	238	2	39	56
0090	WAND	11	-0	1	1	50	36	262	-0	-0	-0
0168	WAND	11	-0	1	1	48	38	295	-0	-0	-0
0792	WAND	11	84	1	1	49	38	262	1	50	84
0793	WAND	11	80	1	1	49	38	262	3	39	72
0032	WAND	11	-0	2	1	50	38	278	-0	-0	-0
0032	WAND	11	-0	3	1	50	38	278	-0	-0	-0
0276	WAND	11	89	1	1	49	37	260	1	42	82
0156	WAND	11	93	1	1	48	37	260	1	42	86
0020	WEST	7	-0	1	1	50	37	267	-0	-0	-0
0127	WEST	7	-0	1	1	48	38	277	-0	-0	-0
0112	WEST	2	97	1	1	48	37	260	5	34	82
0279	WEST	2	100	1	1	49	37	260	6	52	103
P2C6	WEST	2	110	1	1	48	37	263	1	37	97
AP2C7	WEST	2	93	1	1	48	37	263	1	42	87
BP2C7	WEST	2	112	1	1	48	37	263	1	35	96
0P4C7	WEST	2	114	1	1	48	37	261	1	35	97
0P4C1	WEST	2	111	1	1	48	37	259	1	42	104
0P5C1	WEST	2	110	1	1	48	37	262	1	43	103
0P6C6	WEST	2	88	1	1	48	37	263	1	51	88
0P5C5	WEST	2	107	1	1	48	37	263	1	35	90
0P1C1	WEST	2	94	1	1	48	37	258	1	33	77
0P1C3	WEST	2	119	1	1	48	37	259	1	36	102
0P1C8	WEST	2	106	1	1	48	37	261	1	48	104
0P3C9	WEST	2	110	1	1	48	37	263	1	37	97
P3C10	WEST	2	110	1	1	48	37	263	1	34	94
0P4C1	WEST	2	103	1	1	48	37	261	1	47	101
0P4C2	WEST	2	117	1	1	48	37	262	1	34	99
0P4C3	WEST	2	117	1	1	48	37	261	1	33	96
00186	WEST	2	115	1	1	49	37	260	2	35	98
00187	WEST	2	119	1	1	49	37	260	3	31	93
00188	WEST	2	100	1	1	49	37	260	1	66	110
01018	WEST	2	106	1	1	48	38	282	3	33	86
00733	WEST	2	104	1	1	48	39	281	3	34	88
00106	WEST	2	106	1	1	49	38	273	3	36	92
00023	WEST	2	79	1	1	50	37	267	4	40	72
00173	WEST	2	84	1	1	50	39	282	7	53	86
00174	WEST	2	90	1	1	50	38	280	5	61	97
00180	WEST	2	90	1	1	50	37	264	5	59	95
00214	WEST	2	89	1	1	50	36	242	5	58	88
00142	WEST	2	-0	1	1	48	38	269	-0	-0	-0
00159	WEST	2	-0	1	1	48	38	271	-0	-0	-0
00160	WEST	2	-0	1	1	48	38	271	-0	-0	-0
00141	WEST	2	90	1	1	48	38	263	9	36	78
00262	WEST	2	-0	1	1	50	35	237	-0	-0	-0
01517	WEST	2	95	1	1	48	38	273	2	40	86
01514	WEST	2	92	1	1	48	37	262	2	41	85
01516	WEST	2	90	1	1	48	38	273	3	51	91
00731	WEST	2	96	1	1	48	39	283	1	31	76
00726	WEST	2	90	1	1	48	39	283	2	33	75
00725	WEST	2	86	1	1	48	39	283	2	33	71
00720	WEST	2	98	1	1	48	39	283	2	41	89
00717	WEST	2	92	1	1	48	39	282	2	40	85
00710	WEST	2	89	1	1	48	39	283	2	44	84
00728	WEST	2	94	1	1	48	39	283	2	41	85
00796	WEST	2	80	1	1	49	38	262	1	47	78
00797	WEST	2	90	1	1	49	38	262	2	43	85
01016	WEST	2	94	1	1	49	38	283	1	32	76
00189	WEST	2	115	1	1	49	38	260	5	47	112
AVG		6	90	1	1	48	36	259	2	44	84
CVR		62	14	30	0	3	7	5	67	23	16
MAX		11	120	3	1	51	39	295	9	68	124
MIN		1	57	1	1	45	30	225	1	30	55
TOT		236	149	238	238	238	238	238	149	149	149

CASE, J. M.
LOBLOLLY PINE
1961 S. CAROLINA LOWER COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
00153	BAYB	1	98	1	1	48	36	259	5	33	79
01023	BAYB	1	123	1	1	49	38	279	1	63	133
00128	BAYB	1	107	1	1	48	38	276	7	42	100
00352	BAYB	1	110	1	1	47	32	253	2	51	111
00419	BAYB	1	97	1	1	47	36	252	2	46	93
00293	BAYB	1	-0	1	1	48	37	255	-0	-0	-0
A0P1C4	BLAD	2	110	1	1	48	37	260	1	30	85
0P1C7	BLAD	2	110	1	1	48	37	260	1	38	98
0P1C6	BLAD	2	110	1	1	48	37	260	1	37	96
0P1C9	BLAD	2	116	1	1	48	37	260	1	35	99
0P2C3	BLAD	2	99	1	1	48	37	262	1	48	97
0P3C8	BLAD	2	106	1	1	48	37	263	1	36	91
0P5C4	BLAD	2	98	1	1	48	37	263	1	58	104
0P6C9	BLAD	2	110	1	1	48	37	264	1	32	88
01012	BLAD	2	111	1	1	48	37	273	3	68	123
00120	BLAD	2	96	1	1	49	37	260	2	42	89
00157	BLAD	2	95	1	1	48	37	260	4	48	93
01034	BLAD	2	96	1	1	48	38	275	1	31	76
0P4C4	BLAD	2	97	1	1	48	37	261	1	56	101
00036	BLAD	1	93	1	1	48	37	260	1	60	100
00209	BLAD	1	102	1	1	48	35	237	1	60	109
A00117	BLAD	1	-0	1	1	50	37	264	-0	-0	-0
0P2C1	BLAD	3	94	1	1	48	37	262	1	48	93
0P1C5	BLAD	3	110	1	1	48	37	260	1	34	92
B0P1C4	BLAD	3	110	1	1	48	37	260	1	37	97
01511	BLAD	3	108	1	1	48	37	265	2	54	109
P1C10	BLAD	3	106	1	1	48	37	260	2	39	95
0P2C3	BLAD	3	123	1	1	48	37	262	1	33	104
P3C11	BLAD	3	93	1	1	48	37	263	1	35	80
0P4C5	BLAD	3	103	1	1	48	37	261	1	35	88
00272	BLAD	3	103	1	1	49	37	260	4	37	89
01510	BLAD	3	104	1	1	48	38	268	5	49	103
00718	BLAD	3	108	1	1	48	39	282	2	42	103
00732	BLAD	3	108	1	1	48	39	281	2	35	92
00158	BLAD	3	94	1	1	48	37	260	2	44	88
00159	BLAD	3	95	1	1	48	37	261	5	48	93
00727	BLAD	3	94	1	1	48	39	283	2	32	76
00116	BLAD	3	92	1	1	48	37	264	4	61	98
B00117	BLAD	3	95	1	1	48	37	264	3	40	90
00120	BLAD	3	89	1	1	48	37	260	1	41	82
00132	BLAD	3	88	1	1	48	38	277	10	33	72
00719	BLAD	3	94	1	1	48	39	282	1	55	97
00724	BLAD	3	80	1	1	48	39	283	2	41	74
00723	BLAD	3	85	1	1	48	39	282	3	31	67
00729	BLAD	3	95	1	1	48	39	283	2	38	85
00730	BLAD	3	95	1	1	48	39	283	3	32	77
00284	BLAN	4	76	1	1	48	36	256	2	44	72
00129	BLAN	4	-0	1	1	48	38	269	-0	-0	-0
00283	BLAN	4	-0	1	1	48	36	256	-0	-0	-0
00210	BLAN	4	68	2	1	50	35	236	4	56	71
00211	BLAN	4	75	2	1	50	35	236	5	48	73
00638	BLAN	4	-0	2	1	48	37	258	-0	-0	-0
00242	CARO	2	83	1	1	50	34	246	3	45	80
00262	CARO	2	85	2	1	49	36	259	5	37	74
A0178	CARO	2	-0	2	1	49	38	265	-0	-0	-0
A0368	CARO	2	70	2	1	47	33	222	3	33	58
B0178	CARO	2	-0	2	1	49	38	265	-0	-0	-0
B0368	CARO	5	68	2	3	47	33	222	2	38	59
0154	CHAR	2	-0	1	1	48	37	268	-0	-0	-0
0104	CHAR	2	79	1	1	48	38	276	5	34	66
0075	CHAR	2	70	1	1	48	39	284	5	36	60
0076	CHAR	2	-0	1	1	48	39	285	-0	-0	-0
0033	CHAR	2	-0	1	1	50	37	286	-0	-0	-0
1010	CHAR	2	96	1	1	49	37	273	1	64	105
3310	CHEW	2	90	1	1	48	33	233	1	33	73
1610	CHEW	6	104	1	1	47	32	227	5	32	83
0372	CHEW	6	90	1	1	47	33	227	5	51	91
0161	CONG	6	107	1	1	47	32	225	5	46	103
0426	CONG	6	120	1	1	47	34	250	2	30	93
0109	COXV	2	96	1	1	46	31	250	1	48	87
0176	COXV	2	85	1	1	49	36	242	2	56	89
0030	COXV	2	88	1	1	48	34	257	4	55	91
0038	COXV	2	91	1	1	50	35	238	3	36	79
0257	COXV	2	90	1	1	48	33	254	3	70	100
0258	COXV	2	88	1	1	48	34	255	4	44	83
0347	COXV	2	95	1	1	48	33	254	3	38	84
0495	COXV	2	96	1	1	46	31	258	4	33	80

0519	COXV	2	86	1	1	45	31	239	1	70	95
0199	COXV	2	-0	1	1	48	32	237	-0	-0	-0
0225	COXV	2	-0	1	1	50	36	270	-0	-0	-0
A0222	COXV	2	94	1	1	48	33	254	3	57	99
0244	COXV	2	92	1	1	47	33	239	5	51	93
0246	COXV	2	86	1	1	47	33	239	3	44	82
0388	COXV	2	92	1	1	46	31	232	5	40	84
0245	COXV	2	-0	1	1	47	33	240	-0	-0	-0
0250	COXV	2	-0	1	1	47	33	224	-0	-0	-0
0188	COXV	2	-0	1	1	50	38	264	-0	-0	-0
0039	COXV	1	87	1	1	50	35	239	2	44	83
0123	COXV	1	89	1	1	48	35	256	2	53	91
0095	COXV	1	93	1	1	50	35	239	3	50	93
A0041	COXV	1	87	1	1	50	35	234	7	41	80
0179	COXV	1	86	1	1	49	38	265	3	32	70
0197	COXV	1	91	1	1	48	32	237	5	37	80
0198	COXV	1	-0	1	1	48	32	237	-0	-0	-0
0009	COXV	1	87	1	1	50	35	237	3	40	79
0200	COXV	1	84	1	1	48	32	237	1	35	72
0434	COXV	1	-0	1	1	48	33	251	-0	-0	-0
0107	COXV	1	-0	1	1	47	32	252	-0	-0	-0
0347	COXV	1	95	1	1	48	33	254	4	38	84
0183	CRAV	2	87	1	1	49	36	262	5	53	89
0359	CRAV	2	77	1	1	47	33	223	5	40	70
0365	CRAV	2	-0	1	1	47	33	224	-0	-0	-0
0177	CRAV	2	-0	1	1	49	38	264	-0	-0	-0
0090	CRAV	2	-0	1	1	50	34	262	-0	-0	-0
0016	CRAV	2	80	1	1	48	33	226	1	62	86
0009	CRAV	2	81	1	1	50	35	237	3	43	76
0220	CRAV	2	83	1	1	50	34	235	2	58	87
B0222	CRAV	2	94	1	1	48	33	254	3	58	99
0224	CRAV	2	-0	1	1	49	34	257	-0	-0	-0
0247	CRAV	2	-0	1	1	48	33	253	-0	-0	-0
0361	CRAV	2	-0	1	1	47	33	222	-0	-0	-0
0095	CRAV	2	80	2	1	50	35	239	4	53	82
0189	DUNB	7	93	1	1	49	38	264	2	38	83
0068	DUNB	7	88	1	1	47	32	253	2	54	91
0030	DUNB	2	86	1	1	48	34	257	1	65	94
0221	DUNB	2	93	1	1	50	34	236	5	37	82
0367	DUNB	2	87	1	1	47	33	223	4	52	88
0504	DUNB	2	100	1	1	46	31	258	4	33	82
0449	DUNB	2	87	1	1	47	31	251	4	41	80
0185	DUNB	2	-0	1	1	48	34	258	-0	-0	-0
P5C3	EDIS	7	97	1	1	48	37	263	1	36	83
1515	EDIS	7	95	1	1	48	37	262	2	45	90
0165	EDIS	2	101	1	1	48	38	288	7	43	96
0277	EDIS	2	108	1	1	49	37	261	4	30	83
0113	EDIS	2	105	1	1	48	37	265	3	59	112
0033	EDIS	2	104	1	1	50	37	286	5	33	86
0715	EDIS	2	114	1	1	48	39	284	3	37	101
0093	EDIS	2	92	1	1	50	35	252	6	52	93
0096	EDIS	2	101	1	1	50	37	266	4	37	88
0119	EDIS	2	100	1	1	48	37	259	3	57	105
0020	EDIS	2	-0	1	1	50	37	267	-0	-0	-0
0216	EDIS	2	-0	1	1	50	36	242	-0	-0	-0
1014	EDIS	2	92	1	1	48	38	281	1	50	92
1020	EDIS	2	93	1	1	48	38	279	1	32	75
1022	EDIS	2	98	1	1	49	38	279	2	44	92
0184	EDIS	2	96	1	1	49	37	260	2	57	101
0185	EDIS	2	98	1	1	49	37	260	4	33	81
0077	EDIS	2	88	1	1	48	39	283	4	31	69
0079	EDIS	2	83	1	1	48	39	283	2	43	74
0131	EDIS	2	-0	1	1	48	38	268	-0	-0	-0
0721	EDIS	2	85	1	1	48	39	284	2	39	76
0722	EDIS	2	90	1	1	48	39	284	2	37	79
0734	EDIS	2	88	1	1	48	39	283	2	33	72
1512	EDIS	2	92	1	1	48	37	265	5	35	79
1516	EDIS	2	89	1	1	48	38	272	3	34	75
1518	EDIS	2	89	1	1	48	38	275	2	57	94
A0091	EULO	7	99	1	1	50	36	258	3	53	101
0209	EULO	7	83	2	1	50	35	237	3	56	87
0115	EULO	2	110	1	1	48	37	265	5	45	106
P1C2	EULO	2	108	1	1	48	37	260	1	38	96
P1C2	EULO	2	115	1	1	48	37	260	1	36	100
P2C2	EULO	2	107	1	1	48	37	260	1	35	91
P6C7	EULO	2	94	1	1	48	37	263	1	34	79
P6C8	EULO	2	93	1	1	48	37	264	1	35	79
0795	EULO	2	92	1	1	49	37	261	2	54	95
0275	EULO	2	-0	1	1	49	37	261	-0	-0	-0
0074	EDIS	2	91	1	1	48	39	283	5	37	79
0023	EDIS	2	80	1	1	50	37	267	2	38	71
B0041	EDIS	2	86	1	1	50	35	234	3	42	80
B0091	EDIS	2	93	1	1	50	36	258	3	58	97
0134	EDIS	2	107	1	1	48	38	281	12	35	91
0213	EULO	2	79	1	1	50	36	239	9	50	79
215	EULO	2	80	1	1	50	36	242	8	50	80
135	EULO	2	-0	1	1	48	38	281	-0	-0	-0
261	EULO	2	80	1	1	50	35	235	5	53	80
A021	EULO	2	-0	1	1	50	36	258	-0	-0	-0
092	EULO	2	-0	1	1	50	36	257	-0	-0	-0
021	EULO	2	-0	2	1	50	36	258	-0	-0	-0
093	EULO	2	94	2	1	50	35	252	2	49	94
022	EULO	2	-0	2	1	50	36	257	-0	-0	-0

B021	EULO	2	86	2	1	50	35	258	1	38	86
276	EULO	9	88	1	1	49	37	260	2	45	88
275	EULO	9	-0	1	1	49	37	261	-0	-0	-0
023	EULO	9	80	1	1	50	37	267	1	39	80
C021	EULO	9	78	1	1	50	36	258	2	38	78
022	EULO	9	-0	1	1	50	36	257	-0	-0	-0
156	EULO	9	88	1	1	48	37	260	2	45	81
078	EULO	9	71	1	1	48	39	283	1	34	70
713	EULO	9	80	1	1	48	39	284	3	43	80
107	EULO	9	95	1	1	49	38	273	2	45	95
444	EUST	4	85	2	1	47	31	251	2	30	85
431	EUST	4	84	2	1	48	33	251	5	34	84
C091	FAIR	2	90	1	1	50	36	258	1	56	90
073	FAIR	2	90	1	1	48	39	287	5	33	90
183	FAIR	2	84	1	1	49	37	260	4	56	84
102	FAIR	2	-0	1	1	49	37	276	-0	-0	-0
D091	FAIR	2	78	2	1	50	36	258	3	53	78
092	FAIR	2	-0	2	1	50	36	257	-0	-0	-0
022	FAIR	2	71	2	1	50	36	257	1	56	71
A288	FLIN	8	88	1	1	48	38	256	1	37	88
B288	FLIN	8	93	1	1	48	38	256	6	39	93
152	GOLD	7	-0	1	1	48	36	257	-0	-0	-0
003	GOLD	7	-0	1	1	47	32	234	-0	-0	-0
125	GOLD	7	-0	1	1	48	37	259	-0	-0	-0
137	GOLD	7	-0	1	1	48	38	263	-0	-0	-0
264	GOLD	7	-0	1	1	48	34	255	-0	-0	-0
121	GOLD	7	93	1	1	48	37	260	4	53	95
296	GOLD	2	100	1	1	49	37	258	5	53	102
361	GOLD	2	78	1	1	47	32	252	3	44	75
447	GOLD	2	96	1	1	46	31	250	1	35	82
498	GOLD	2	-0	1	1	46	31	258	-0	-0	-0
196	GOLD	2	86	1	1	47	32	235	1	30	67
271	GOLD	2	-0	1	1	49	35	257	-0	-0	-0
291	GOLD	2	95	1	1	48	36	255	5	55	98
002	GOLD	10	-0	1	1	47	32	234	-0	-0	-0
133	HYDE	1	97	1	1	48	38	283	5	42	90
273	HYDE	5	105	1	1	49	37	260	2	45	101
181	IZAG	7	-0	1	1	48	34	255	-0	-0	-0
155	KALM	7	76	1	1	48	36	259	5	60	78
182	KALM	7	80	1	1	48	33	252	4	34	66
289	KALM	2	-0	1	1	48	38	256	-0	-0	-0
A111	KIWA	9	-0	1	1	48	38	267	-0	-0	-0
118	KIWA	9	-0	1	1	48	38	268	-0	-0	-0
020	KIWA	9	-0	1	1	50	37	267	-0	-0	-0
007	KIWA	9	81	1	1	50	36	239	4	45	78
794	KIWA	9	90	1	1	49	37	261	1	40	82
034	KIWA	9	-0	1	1	50	37	286	-0	-0	-0
164	KIWA	9	-0	1	1	50	38	286	-0	-0	-0
170	KIWA	9	-0	1	1	50	38	285	-0	-0	-0
206	KIWA	9	-0	1	1	50	35	237	-0	-0	-0
166	KIWA	9	82	1	1	48	38	295	4	67	82
167	KIWA	9	76	1	1	48	38	295	4	57	76
156	KIWA	9	98	1	1	48	37	260	2	39	98
104	KLEJ	10	-0	1	1	47	32	245	-0	-0	-0
A001	KLEJ	10	88	1	1	47	32	233	1	54	88
196	KLEJ	10	80	1	1	47	32	235	1	30	80
039	KLEJ	10	-0	1	1	49	35	258	-0	-0	-0
037	KLEJ	10	-0	1	1	48	37	260	-0	-0	-0
102	KLEJ	10	-0	1	1	47	32	245	-0	-0	-0
265	KLEJ	10	-0	1	1	48	34	256	-0	-0	-0
140	KLEJ	10	-0	1	1	48	37	259	-0	-0	-0
186	KLEJ	10	-0	1	1	48	34	258	-0	-0	-0
027	KLEJ	10	70	1	1	50	38	277	2	67	70
028	KLEJ	10	-0	1	1	50	38	277	-0	-0	-0
097	KLEJ	10	-0	1	1	48	33	253	-0	-0	-0
003	KLEJ	10	-0	1	1	47	32	234	-0	-0	-0
106	KLEJ	2	82	1	1	47	32	251	5	45	82
AVG		4	92	1	1	48	36	258	3	44	87
CVR		78	12	25	13	2	6	6	65	23	14
MAX		10	123	2	3	50	39	295	12	70	133
MIN		1	68	1	1	45	31	222	1	30	58
TOT		237	172	237	237	237	237	237	172	172	172

CASE, J. M.
LOBLOLLY PINE
1961 S. CAROLINA UPPER • MIDDLE COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
0432	AMER	10	-0	1	1	45	31	255	-0	-0	-0
0431	AMER	10	84	1	1	45	31	255	4	37	74
0853	AMER	10	88	1	1	45	31	255	1	40	80
0363	BYAR	5	104	1	1	47	33	225	4	60	111
6048	CARO	7	93	3	1	46	31	231	2	56	97
0358	CARO	2	91	3	2	46	31	248	2	30	71
0337	CHEW	2	89	1	1	48	33	233	4	28	67
3310	CHEW	2	90	1	1	48	33	233	4	27	68
1610	CHEW	6	104	1	1	47	32	227	5	32	83
0008	CHEW	6	110	1	1	44	29	240	2	33	90
0372	CHEW	6	90	1	1	47	33	227	5	51	91
0012	CONG	2	91	1	1	44	29	240	1	30	72
0161	CONG	6	107	1	1	47	31	224	5	46	103
0011	CONG	6	100	1	1	44	29	240	1	30	78
0426	CONG	6	120	1	1	47	34	250	2	30	93
0191	COXV	7	85	1	1	46	31	235	5	33	69
0248	COXV	2	92	1	1	47	33	224	4	57	96
0016	COXV	2	82	1	1	48	33	226	2	62	88
0017	COXV	2	80	1	1	48	33	224	7	34	66
A0192	COXV	2	77	1	1	47	31	230	1	34	64
A0005	COXV	1	91	1	1	47	32	232	1	49	90
0243	COXV	1	-0	1	1	47	32	241	-0	-0	-0
A0153	COXV	1	90	1	1	48	33	225	2	70	101
0183	COXV	6	91	1	1	49	36	262	1	50	91
0248	COXV	6	88	1	1	47	33	224	1	57	92
A0154	COXV	6	80	1	1	48	33	225	1	32	65
0249	COXV	6	91	1	1	48	33	224	6	35	77
0360	COXV	6	-0	1	1	47	33	224	-0	-0	-0
B0192	DUNB	7	78	1	1	47	31	230	3	38	69
B0154	DUNB	7	81	1	1	48	33	225	9	31	64
B0005	DUNB	7	98	2	1	47	32	232	1	51	99
A0304	EUST	11	90	1	1	44	32	246	1	61	97
0235	EUST	11	-0	1	1	48	33	246	-0	-0	-0
0233	EUST	11	73	2	1	48	33	247	2	31	58
B0304	EUST	11	75	2	1	44	32	246	2	65	82
0370	EUST	11	69	2	1	47	33	221	2	44	65
0235	EUST	11	-0	2	1	48	33	246	-0	-0	-0
0514	EUST	11	-0	2	1	45	30	255	-0	-0	-0
A0300	EUST	11	82	2	1	46	33	248	3	33	67
B0300	EUST	11	78	4	1	46	33	248	3	34	65
0110	EUST	11	87	4	1	47	31	250	6	35	73
0035	EUST	11	90	3	1	46	31	250	1	48	88
0203	EUST	11	84	3	1	47	32	229	3	41	77
0052	EUST	11	-0	3	1	43	28	239	-0	-0	-0
0057	EUST	11	81	3	1	43	28	239	2	34	70
0309	EUST	11	86	2	1	45	32	247	2	49	85
0168	FLIN	7	86	1	1	47	31	228	5	48	84
0145	FLIN	8	76	1	1	48	33	231	4	53	78
0395	FLIN	8	70	1	1	43	30	244	1	44	66
0149	FLIN	6	85	1	1	48	33	234	5	46	81
0015	FLIN	6	88	1	1	43	30	244	2	41	80
0785	FLIN	5	79	1	3	44	30	247	1	30	61
0786	FLIN	5	71	1	3	44	30	247	1	38	63
0508	AMER	10	-0	1	1	45	31	255	-0	-0	-0
AVG		7	87	1	1	46	32	238	3	42	79
CVR		49	12	57	37	4	5	5	67	27	17
MAX		11	120	4	3	49	36	262	9	70	111
MIN		1	69	1	1	43	28	221	1	27	58
TOT		54	46	54	54	54	54	54	46	46	46

CASE, J. M.
LOBLOLLY PINE
1961 S. CAROLINA SANDHILLS

ST-SOIL TYPE

SC-SLOPE CLASS

PS-POSITION ON SLOPE

GP-GROWING SEASON PRECIPITATION

NT-NUMBER TREES MEASURED

HT-HEIGHT

SI-SITE INDEX

EC-EROSION CLASS

AP-PRECIPITATION ANNUAL

FF-FROST FREE DAYS

AG-AGE

		ST	SI	SC	EC	PS	AP	GP	FF	NT	AG	HT
0474	GILE	10	73	1	1	-0	46	30	241	3	40	66
A0088	GILE	10	80	1	1	-0	46	31	220	5	49	79
0783	GILE	10	94	1	1	-0	43	30	243	5	39	85
0784	GILE	10	96	1	1	-0	43	30	243	2	34	80
0458	GILE	10	90	2	1	2	44	30	242	4	35	76
0787	GILE	10	76	2	1	2	43	29	242	1	44	72
0790	GILE	10	76	2	1	3	43	30	243	4	40	69
0476	GILE	10	85	2	1	3	46	30	241	2	32	68
6043	GILE	10	92	3	1	3	43	29	243	4	33	76
0021	GILE	10	80	3	1	3	43	30	243	1	43	75
0007	GILE	10	91	3	1	2	46	31	223	4	30	71
0019	GILE	10	80	3	2	2	43	30	243	2	43	75
0480	GILE	10	85	4	2	3	44	30	242	2	32	66
0001	GILE	10	72	1	1	-0	46	31	226	2	47	70
0473	GILE	10	79	1	1	-0	46	30	241	2	59	84
0789	GILE	10	102	1	1	-0	43	29	242	2	35	87
B0088	GILE	10	68	2	1	1	46	31	220	4	51	68
0023	GILE	10	76	2	1	2	43	30	243	2	70	41
0020	GILE	10	88	2	1	3	43	30	243	1	57	92
0411	GILE	10	79	2	1	3	43	29	239	2	50	79
0478	GILE	10	79	2	1	3	46	30	241	3	46	76
0481	GILE	10	78	2	1	3	44	30	242	1	45	75
0377	HOFF	10	65	3	1	2	47	33	217	1	37	57
0403	HOFF	10	65	3	2	2	43	29	241	3	40	58
0523	LAKE	11	74	1	1	-0	46	31	237	4	36	64
0080	LAKE	11	57	1	1	-0	46	31	218	2	51	58
0056	LAKE	11	70	1	1	-0	43	28	239	1	37	62
0061	LAKE	11	73	1	1	-0	43	28	239	1	40	67
0030	LAKE	11	71	1	1	-0	46	31	255	1	36	62
A0338	LAKE	11	69	1	1	-0	44	30	245	4	35	59
0461	LAKE	11	59	1	1	-0	45	30	241	5	45	59
B0338	LAKE	11	69	1	1	-0	44	30	245	4	35	59
0524	LAKE	11	72	2	1	1	46	30	236	1	46	70
0025	LAKE	11	69	2	1	1	43	29	243	2	38	62
0017	LAKE	11	71	2	1	2	43	29	243	1	30	56
0322	LAKE	11	66	2	1	2	44	31	245	1	37	58
0053	LAKE	11	68	1	1	-0	43	28	239	1	67	75
0408	LAKE	11	68	2	1	1	43	29	239	3	33	54
0412	LAKE	11	69	2	1	2	43	28	238	1	33	56
0005	LAKE	11	82	3	1	1	46	31	223	1	40	75
6041	LAKE	11	77	3	1	2	44	30	245	5	39	69
0429	LAKE	11	72	2	2	1	47	34	249	5	42	67
0341	LAKE	11	95	4	1	2	44	31	245	1	64	104
A0321	LAKE	11	65	2	1	1	44	30	242	2	54	67
0453	LAKE	11	72	2	1	2	44	30	244	2	49	74
0469	VAUC	7	65	4	2	2	46	30	232	4	45	61
0024	VAUC	7	60	5	3	1	43	30	244	2	46	57
B0321	VAUC	10	73	2	1	1	44	30	242	2	52	74
0060	VAUC	10	57	3	1	2	43	28	239	2	44	54
0465	VAUC	10	78	4	1	2	45	30	241	3	30	61
0318	VAUC	10	55	5	1	1	45	30	245	1	34	46
AVG		10	75	2	1	2	44	30	239	2	43	68
CVR		8	14	50	35	38	3	4	3	56	22	17
MAX		11	102	5	3	3	47	34	255	5	70	104
MIN		7	55	1	1	1	43	28	217	1	30	41
TOT		51	51	51	51	35	51	51	51	51	51	51

CASE, J. M.
LOBLOLLY PINE
1961 S. CAROLINA UPPER + MIDDLE COASTAL PLAIN

PS-POSITION ON SLOPE
AP-PRECIPITATION ANNUAL
SC-SLOPE CLASS
EC-EROSION CLASS
ST-SOIL TYPE
SI-SITE INDEX
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER TREES MEASURED
AG-AGE
HT-HEIGHT

		0	0	0	0	0	0	0	0	0	0	0
0394	FLIN	5	72	2	3	2	43	30	244	2	43	68
0100	GOLD	7	-0	1	1	-0	47	32	248	-0	-0	-0
0380	GOLD	7	-0	1	1	-0	46	30	230	-0	-0	-0
0027	GRAD	7	78	1	1	-0	45	30	255	1	41	72
0308	GRAD	7	86	1	1	-0	45	32	247	3	57	90
0345	GRAD	7	87	1	1	-0	48	32	252	6	59	92
0348	GRAD	7	93	1	1	-0	48	32	253	4	62	100
0369	GRAD	7	88	1	1	-0	47	33	222	4	44	84
0380	GRAD	7	-0	1	1	-0	46	30	230	-0	-0	-0
0416	GRAD	7	98	1	1	-0	48	34	252	1	49	97
0418	GRAD	7	89	1	1	-0	48	34	252	3	63	96
0436	GRAD	7	98	1	1	-0	47	32	249	3	63	107
0447	GRAD	2	90	1	1	-0	46	31	250	3	35	76
0504	GRAD	2	99	1	1	-0	46	31	255	3	30	76
0507	GRAD	2	100	1	1	-0	46	31	255	4	30	78
0516	GRAD	2	79	1	1	-0	45	30	256	3	30	62
0389	GRAD	2	-0	1	1	-0	46	31	233	-0	-0	-0
0435	GRAD	2	-0	1	1	-0	48	33	251	-0	-0	-0
0447	GRAD	1	91	1	1	-0	46	31	250	1	36	79
0434	GRAD	1	92	1	1	-0	48	33	251	1	49	91
0303	GRAD	1	100	1	1	-0	44	32	246	5	43	94
0043	GRAD	1	84	1	1	-0	45	30	247	2	47	82
0107	GRAD	1	83	1	1	-0	47	32	252	4	39	75
0443	GRAD	5	99	1	1	-0	46	31	250	5	37	87
0492	GRAD	5	82	1	1	-0	44	30	246	4	42	76
0311	GRAD	5	88	1	1	-0	47	33	249	3	62	95
0084	IZAG	7	-0	1	1	-0	46	31	220	-0	-0	-0
0146	KALM	2	91	1	1	-0	48	33	232	6	31	72
0014	KALM	2	86	1	1	-0	43	30	244	3	36	74
A0196	KLEJ	11	81	1	1	-0	47	32	235	1	32	64
B0196	KLEJ	9	80	1	1	-0	47	32	235	1	30	63
0223	LAKE	11	83	1	1	-0	48	33	253	2	44	79
0098	LAKE	11	83	1	1	-0	47	32	248	10	34	69
0101	LAKE	11	81	1	1	-0	47	32	248	4	35	69
0255	LAKE	11	-0	1	1	-0	48	33	225	-0	-0	-0
0306	LAKE	11	-0	1	1	-0	44	31	245	-0	-0	-0
0315	LAKE	11	-0	1	1	-0	46	33	248	-0	-0	-0
0337	LAKE	11	-0	1	1	-0	46	31	248	-0	-0	-0
0502	LAKE	11	-0	1	1	-0	46	31	257	-0	-0	-0
0228	LAKE	11	68	2	1	1	47	32	247	1	56	71
0428	LAKE	11	-0	2	1	1	47	34	250	-0	-0	-0
0254	LAKE	11	-0	2	1	1	48	33	225	-0	-0	-0
A0035	LAKE	11	76	2	1	2	48	33	225	3	30	60
0045	LAKE	11	77	2	1	2	46	31	249	1	54	80
0312	LAKE	11	-0	2	1	2	47	33	249	-0	-0	-0
0491	LAKE	11	86	2	1	2	44	30	246	5	35	74
0253	LAKE	11	-0	2	1	2	48	33	225	-0	-0	-0
0528	LAKE	11	-0	2	1	2	46	30	238	-0	-0	-0
0457	LAKE	11	86	2	1	3	44	30	242	3	33	71
0227	LAKE	11	63	2	1	3	47	32	247	1	51	64
0437	LAKE	11	90	2	1	3	47	32	249	1	30	70
0306	LAKE	11	-0	2	1	3	44	31	245	-0	-0	-0
6049	LAKE	11	97	3	1	2	46	31	231	2	55	101
0227	LAKE	11	69	3	1	2	47	32	247	5	46	67
427	LAKE	11	-0	1	1	-0	47	34	250	-0	-0	-0
202	LAKE	11	77	1	1	-0	47	31	230	2	32	77
236	LAKE	11	75	1	1	-0	47	32	245	3	50	75
237	LAKE	11	77	1	1	-0	48	33	249	3	68	77
239	LAKE	11	73	1	1	-0	50	34	236	2	54	73
253	LAKE	11	93	1	1	-0	47	31	253	5	34	93
254	LAKE	11	86	1	1	-0	47	31	253	4	34	86
421	LAKE	11	-0	1	1	-0	48	36	253	-0	-0	-0
004	LAKE	11	-0	1	1	-0	47	31	232	-0	-0	-0
033	LAKE	11	-0	1	1	-0	45	31	255	-0	-0	-0
237	LAKE	11	-0	1	1	-0	48	33	249	-0	-0	-0
316	LAKE	11	-0	1	1	-0	46	33	248	-0	-0	-0
202	LAKE	11	-0	1	1	-0	47	31	229	-0	-0	-0
034	LAKE	11	78	2	1	1	46	31	249	2	55	78
305	LAKE	11	79	2	1	1	44	31	245	2	47	79
356	LAKE	11	81	2	1	1	46	31	248	2	33	81
A105	LAKE	11	-0	2	1	1	47	32	252	-0	-0	-0
302	LAKE	11	-0	2	1	1	45	32	247	-0	-0	-0
433	LAKE	11	88	2	1	2	46	32	249	2	35	88
064	LAKE	11	79	2	1	2	42	32	251	2	42	79
310	LAKE	11	80	2	1	2	47	33	249	4	50	80

202	LAKE	11	-0	2	1	2	47	31	229	-0	-0	-0
297	LAKE	11	-0	2	1	3	46	32	247	-0	-0	-0
428	LAKE	11	-0	3	1	2	47	34	250	-0	-0	-0
044	LAKE	11	72	4	1	2	46	31	249	2	47	71
034	LAKE	11	79	5	1	1	46	31	249	1	51	80
163	LEAF	7	94	1	1	-0	47	31	225	2	31	74
166	LEAF	7	94	1	1	-0	47	31	225	5	32	75
015	LEAF	7	90	1	1	-0	48	33	228	5	40	80
371	LEAF	7	86	1	1	-0	47	33	226	4	36	75
201	LEAF	8	100	1	1	-0	46	32	236	5	34	84
424	LEAF	8	104	1	1	-0	47	35	252	3	33	86
333	LEAF	6	91	1	1	-0	48	33	236	5	39	82
371	LEAF	6	97	1	1	-0	47	33	226	4	35	83
150	LEAF	6	90	1	1	-0	48	33	234	4	45	87
010	LEAF	6	82	1	1	-0	43	30	244	2	37	72
396	LEAF	6	97	1	1	-0	43	30	244	3	35	83
456	LEAF	6	97	1	1	-0	44	30	242	4	44	91
515	LEAF	6	99	1	1	-0	45	31	255	3	49	98
148	LEAF	5	90	1	1	-0	48	33	234	3	31	71
251	LEAF	5	89	1	1	-0	47	33	223	6	35	76
381	ALLU	-0	90	1	1	-0	46	31	249	3	61	96
036	ALLU	-0	98	1	1	-0	46	31	250	2	44	93
341	ALLU	-0	107	1	1	-0	44	31	245	5	58	113
510	ALLU	-0	85	2	1	2	45	31	255	3	36	74
487	ALLU	-0	90	2	1	2	44	30	247	2	34	75
317	ALLU	-0	-0	2	1	3	44	30	242	-0	-0	-0
389	LYNC	7	82	1	1	-0	46	31	233	3	41	76
040	LYNC	7	-0	1	1	-0	46	31	250	-0	-0	-0
A102	LYNC	7	-0	1	1	-0	47	32	246	-0	-0	-0
099	LYNC	7	-0	1	1	-0	47	32	248	-0	-0	-0
152	LYNC	2	-0	1	1	-0	49	33	227	-0	-0	-0
155	LYNC	2	79	1	1	-0	48	33	226	1	49	78
245	LYNC	2	76	1	1	-0	48	33	240	2	50	76
520	LYNC	2	77	1	1	-0	45	31	240	2	37	68
432	LYNC	2	-0	1	1	-0	46	32	249	-0	-0	-0
501	LYNC	2	-0	1	1	-0	46	31	258	-0	-0	-0
091	MAGN	7	80	4	1	1	45	31	248	5	63	86
B035	MAGN	7	90	3	2	2	46	31	250	1	33	75
C035	MAGN	12	82	3	3	1	46	31	250	1	31	66
D035	MAGN	12	82	3	3	2	46	31	250	1	56	86
224	MARL	2	-0	1	1	-0	49	34	257	-0	-0	-0
487	MARL	2	87	2	1	2	44	30	247	2	33	71
488	MARL	2	94	2	2	2	44	30	247	2	33	78
084	MYAT	7	-0	1	1	-0	46	31	220	-0	-0	-0
503	NORF	7	80	1	1	-0	46	31	258	1	42	74
525	NORF	7	85	1	1	-0	46	30	236	5	44	81
108	NORF	7	82	1	1	-0	47	32	252	5	44	78
493	NORF	7	81	2	1	1	44	30	245	4	35	68
301	NORF	7	-0	2	1	3	45	32	247	-0	-0	-0
305	NORF	7	76	2	1	1	44	31	245	4	45	73
433	NORF	7	78	2	1	2	46	32	249	2	35	66
016	NORF	7	79	2	2	1	44	30	244	3	35	67
072	NORF	10	84	1	1	-0	45	31	247	2	52	86
202	NORF	10	78	1	1	-0	47	31	229	2	36	66
499	NORF	10	86	1	1	-0	46	31	258	2	43	80
459	NORF	10	88	2	1	1	44	30	242	3	33	73
B105	NORF	10	-0	2	1	1	47	32	251	-0	-0	-0
A302	NORF	10	-0	2	1	1	45	32	247	-0	-0	-0
B302	NORF	10	73	2	1	2	45	32	247	1	57	76
301	NORF	10	-0	2	1	3	45	32	247	-0	-0	-0
C304	NORF	10	90	2	1	3	44	32	246	2	62	97
343	NORF	10	87	2	1	3	46	31	248	2	36	76
047	OKEN	1	-0	1	1	-0	43	28	239	-0	-0	-0
084	OKEN	1	-0	1	1	-0	46	31	220	-0	-0	-0
063	ORAN	7	80	2	2	1	46	31	249	1	35	68
398	ORAN	7	88	4	1	2	45	30	253	1	47	86
026	ORAN	7	91	4	2	1	45	31	258	2	45	87
446	ORAN	10	86	1	1	-0	46	31	249	3	34	71
441	ORAN	10	74	2	1	1	45	31	249	1	30	58
450	ORAN	10	80	2	1	3	45	31	248	1	32	64
063	ORAN	12	77	2	3	2	46	31	249	1	58	81
034	ORAN	12	74	3	3	2	46	31	249	1	68	82
438	ORAN	12	67	3	3	2	46	31	249	3	40	61
392	ORAN	10	66	2	1	1	47	31	227	1	51	67
B102	PORT	7	-0	1	1	-0	47	32	246	-0	-0	-0
194	PORT	7	-0	1	1	-0	47	32	235	-0	-0	-0
193	PORT	7	-0	1	1	-0	47	32	235	-0	-0	-0
018	PORT	7	-0	1	1	-0	47	32	230	-0	-0	-0
344	PORT	7	107	1	1	-0	46	31	249	3	59	114
071	PORT	7	-0	1	1	-0	47	32	251	-0	-0	-0
229	PORT	7	-0	1	1	-0	47	33	250	-0	-0	-0
432	PORT	7	102	1	1	-0	46	32	249	1	65	112
099	PORT	7	-0	1	1	-0	47	32	248	-0	-0	-0
155	PORT	1	-0	1	1	-0	48	33	226	-0	-0	-0
041	PORT	1	91	1	1	-0	46	31	250	2	51	92
069	PORT	1	-0	1	1	-0	47	32	251	-0	-0	-0
103	PORT	1	91	1	1	-0	47	32	247	2	31	72
0411	PORT	1	99	1	1	-0	43	29	239	1	47	99
0051	RAIN	7	84	1	1	-0	47	32	249	1	38	84
0152	RAIN	7	84	1	1	-0	48	33	227	7	53	84
0155	RAIN	7	80	1	1	1	48	33	226	4	44	80
0314	RUST	7	81	2	2	2	46	33	248	1	55	81
0459	RUST	7	83	3	2	-0	44	30	242	2	33	83

0373	RUST	2	83	1	1	1	47	33	220	1	30	83
0369	RUST	2	83	2	1	2	47	33	222	2	42	83
A0299	RUST	12	72	2	3	3	44	31	245	2	67	72
B0299	RUST	12	73	2	3	2	44	31	245	2	65	73
0445	RUST	10	74	2	1	2	46	31	250	2	39	74
A0042	RUST	10	89	3	1	3	44	30	246	1	39	89
508	ARER	10	62	1	1	-0	45	31	255	3	44	58
008	CHEW	6	73	1	1	-0	44	29	240	1	59	80
191	COXV	7	78	1	1	-0	46	31	235	3	37	67
017	COXV	2	63	1	1	-0	48	33	224	4	49	62
A192	COXV	2	63	1	1	-0	47	31	230	2	47	61
243	COXV	1	74	1	1	-0	47	32	241	5	36	61
360	COXV	6	66	1	1	-0	47	33	224	6	57	71
B192	DUNB	7	66	1	1	-0	47	31	230	8	44	62
304	EUST	11	65	1	1	-0	44	32	246	1	63	73
A235	FUST	11	62	1	1	-0	48	33	246	1	44	58
233	EUST	11	69	2	1	2	48	33	247	3	32	53
B235	EUST	11	58	2	1	1	48	33	246	1	53	60
052	EUST	11	62	3	1	2	43	28	239	2	61	68
309	FUST	11	70	2	1	2	45	32	247	1	54	73
395	FLIN	8	64	1	1	-0	43	30	244	1	54	67
100	GOLD	7	75	1	1	-0	47	32	248	5	35	61
A380	GOLD	7	64	1	1	-0	46	30	230	5	58	69
B027	GRAD	2	68	1	1	-0	45	30	255	2	47	66
380	GRAD	2	74	1	1	-0	46	30	230	1	60	81
389	GRAD	2	61	1	1	-0	46	31	233	2	45	61
434	GRAD	1	65	1	1	-0	48	33	251	1	58	65
255	LAKE	11	70	1	1	-0	48	33	225	6	54	70
306	LAKE	11	64	1	1	-0	44	31	245	2	53	64
315	LAKE	11	63	1	1	-0	46	33	248	2	57	63
337	LAKE	11	74	1	1	-0	46	31	248	5	53	74
502	LAKE	11	69	1	1	-0	46	31	257	3	55	69
428	LAKE	11	62	2	1	1	47	34	250	2	48	62
B0042	RUST	10	96	3	1	-0	44	30	246	1	33	96
0106	RUTL	9	81	1	1	-0	47	32	252	4	42	81
0234	RUTL	9	83	1	1	-0	48	33	247	5	37	83
0018	RUTL	9	-0	1	1	-0	47	32	230	-0	-0	-0
0252	RUTL	9	-0	1	1	-0	48	33	225	-0	-0	-0
B0153	RUTL	9	89	1	1	-0	48	33	225	2	65	89
0155	RUTL	9	-0	1	1	-0	48	33	226	-0	-0	-0
0245	RUTL	9	85	1	1	-0	48	33	240	3	47	85
0281	STOU	7	106	1	1	-0	44	30	243	5	44	106
0143	STOU	7	-0	1	1	-0	48	38	273	-0	-0	-0
0331	WAHE	2	-0	1	1	-0	48	33	230	-0	-0	-0
0332	WAHE	2	84	1	1	-0	48	33	232	4	34	84
0336	WAHE	2	90	1	1	-0	48	33	232	5	39	90
0009	WAHE	2	70	1	1	-0	43	30	244	1	41	70
0455	WAHE	2	87	1	1	-0	44	30	242	3	54	87
0486	WAHE	2	82	1	1	-0	44	30	246	4	56	82
0393	WAHE	2	80	1	1	-0	47	31	226	2	39	80
0144	WAHE	6	80	1	1	-0	48	33	229	4	41	80
0362	WAHE	6	82	1	1	-0	47	33	225	6	36	82
0371	WAHE	6	85	1	1	-0	47	33	226	2	36	85
0490	WAHE	6	94	1	1	-0	44	30	246	3	35	94
1611	WEHA	6	105	1	1	-0	47	31	224	5	30	105
0426	WEHA	6	115	1	1	-0	47	34	250	3	31	115
0482	WEHA	6	103	1	1	-0	44	30	245	5	50	103
0522	WEHA	6	98	1	1	-0	46	31	237	2	41	98
0346	WEHA	6	88	1	1	-0	47	33	218	4	42	88
0344	WEHA	6	100	1	1	-0	47	33	224	4	32	100
0342	WEHA	6	91	1	1	-0	47	33	223	5	44	91
AVG		7	83	1	1	2	46	32	242	3	44	79
CVR		47	14	50	36	39	3	4	4	57	24	16
MAX		12	115	5	3	3	50	38	273	10	68	115
MIN		1	58	1	1	1	42	28	218	1	30	53
TOT		223	171	229	229	72	229	229	229	171	171	171

CASE, J. M.
LOBLOLLY PINE
S. CAROLINA 1964, SOUTHERN PIEDMONT

ST-SOIL TYPE
SI-SITE INDEX
SL-SLOPE CLASS
EC-EROSION CLASS
SP-SLOPE POSITION
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SL	EC	SP	AP	GP	FF	NT	AG	HT
0701	ENON	2	80	3	2	1	48	27	230	2	48	78
0083	ALAM	1	73	1	1	-0	44	24	233	2	42	67
0903	ENON	2	80	3	2	1	47	28	219	2	40	73
0691	ENON	2	73	3	2	1	48	28	231	2	55	76
C 0690	ENON	2	80	4	2	2	48	28	231	3	36	69
0241	ENON	5	74	2	3	3	48	28	231	5	40	67
D 0690	ENON	5	82	2	3	3	46	28	231	1	35	70
0367	ENON	5	73	2	3	1	48	28	231	5	36	63
0412	EFLA	1	82	2	2	3	44	24	233	5	39	73
0085	EFLA	1	79	2	2	3	44	24	233	3	34	66
0608	EFLA	1	82	2	2	2	45	24	232	3	38	72
0369	EFLA	1	73	3	2	1	45	28	232	5	38	64
B 0074	GEOR	1	87	1	1	-0	44	24	233	1	50	87
A 0568	GEOR	1	76	2	1	3	47	28	232	1	34	65
0087	GEOR	1	86	2	1	3	44	29	240	1	33	71
0569	GOER	1	82	2	1	3	47	28	232	2	33	68
0191	GEOR	1	64	2	1	3	46	28	233	2	45	59
0321	GEOR	1	88	4	1	1	43	29	239	3	36	76
0074	GEOR	1	72	2	2	3	43	29	241	3	40	66
B 0568	GEOR	1	74	2	2	3	47	28	232	2	34	62
0596	GEOR	1	75	2	2	3	46	24	226	3	33	62
0569	GEOR	1	68	2	2	3	47	28	232	1	38	60
0401	GEOR	1	79	2	2	3	43	29	241	5	35	57
0602	GEOR	1	71	2	2	2	46	24	227	3	32	57
0365	GEOR	1	76	2	2	2	45	28	232	5	35	64
0003	GEOR	1	85	2	2	2	44	29	240	1	43	79
C 0077	GEOR	1	83	3	2	2	44	24	233	2	53	86
0402	GEOR	1	85	3	2	1	43	29	241	5	36	74
0414	GEOR	1	65	4	2	3	44	28	238	1	38	58
0564	GEOR	1	65	4	2	3	45	29	234	1	36	57
0078	GEOR	8	67	2	3	3	44	24	233	2	31	54
0612	GEOR	8	78	2	3	3	45	24	235	4	30	60
0076	GEOR	8	70	2	3	3	44	24	233	1	30	54
0566	GEOR	8	85	2	3	3	47	28	232	2	31	67
0615	GEOR	8	70	2	3	2	46	28	235	1	31	55
0075	GEOR	8	66	3	3	2	44	24	233	2	34	56
0596	GEOR	8	69	3	3	2	46	24	226	1	36	59
0570	GEOR	8	71	3	3	2	48	28	232	3	38	63
0614	GEOR	8	84	3	3	1	46	24	232	3	31	67
0366	GEOR	8	67	4	3	2	45	28	233	5	49	66
0059	GEOR	8	69	4	3	2	47	29	230	4	31	63
0006	GOLD	1	66	2	2	2	44	29	240	1	43	62
0416	GOLD	1	78	2	2	2	44	24	233	3	36	67
B 0082	GOLD	1	71	3	2	3	44	24	233	2	64	78
A 0606	GOLD	1	81	3	2	3	46	24	230	1	30	64
D 0191	GOLD	1	67	5	2	3	46	28	233	4	51	68
A 0616	GOLD	1	84	5	2	3	46	28	234	1	44	80
B 0616	GOLD	1	83	5	2	2	46	28	234	4	35	70
B 0089	GOLD	1	72	6	2	3	46	31	218	3	35	62
C 0089	GOLD	1	70	6	2	2	46	31	218	4	37	61
D 0089	GOLD	1	82	6	2	1	46	31	218	2	35	70
C 0074	HELE	4	77	2	1	3	48	28	218	6	51	78
0664	HELE	4	91	2	1	3	48	28	215	2	33	75
D 0074	HELE	4	81	3	1	2	48	28	218	2	55	83
6015	HELE	4	100	3	1	1	48	25	217	5	33	79
A 0555	HELE	4	83	1	2	3	46	28	233	3	32	67
A 0060	HELE	4	78	2	2	3	47	30	231	3	34	66
0336	HELE	4	84	2	2	3	45	29	239	1	38	75
B 0555	HELE	4	76	2	2	3	46	28	233	3	32	61
C 0555	HELE	4	64	3	2	3	46	28	233	1	30	50
B 0060	HELE	4	74	3	2	2	47	30	231	5	34	63
0053	HELE	4	66	3	2	1	47	28	227	4	31	53
A 0654	HELE	4	78	5	2	2	49	29	220	1	52	79
B 0654	HELE	4	77	5	2	1	49	29	220	2	53	79
0088	HERN	1	77	2	1	3	44	29	240	1	50	77
0081	HERN	1	72	2	1	3	46	31	217	6	33	60
0567	HERN	1	71	2	1	3	47	28	232	1	45	68
0597	HERN	1	82	2	1	3	45	24	231	2	33	68
B 0606	HERN	1	90	2	1	3	46	24	230	1	30	71
0404	HERN	1	89	2	1	2	44	28	237	5	31	70
0597	HERN	1	89	2	1	2	45	24	231	1	31	70
0602	HERN	1	78	2	1	1	46	24	227	1	34	65
0595	HERN	1	69	3	1	3	46	24	227	2	47	67
0001	HERN	1	67	3	1	2	44	29	240	2	51	68
0084	HERN	1	74	2	2	3	44	24	233	2	32	61
0604	HERN	1	67	2	2	3	46	24	231	3	37	59

A	0607	HERN	1	74	2	2	2	45	24	232	2	41	68
	0413	HERN	1	76	2	2	2	44	24	233	5	79	75
	0414	HERN	1	75	2	2	2	44	24	233	5	45	71
	0600	HERN	1	86	3	2	3	46	24	228	1	32	63
B	0607	HERN	1	73	3	2	3	45	24	232	1	38	65
	0600	HERN	1	83	3	2	2	46	24	228	2	34	69
C	0607	HERN	1	79	3	2	2	45	24	232	1	39	70
	0081	HERN	1	73	3	2	2	44	24	233	1	31	58
	0413	HERN	4	70	3	2	1	44	28	238	2	35	60
	0413	HERN	1	70	3	2	1	44	28	238	2	35	60
	0605	HERN	1	85	3	2	1	46	24	231	3	47	82
	0408	HERN	1	76	4	2	2	43	29	239	3	41	70
	0007	HERN	8	56	2	3	3	43	29	241	1	32	46
B	0192	HERN	8	91	3	3	1	46	28	234	5	35	79
	0619	HIWA	2	88	2	1	3	46	28	224	5	42	81
	6026	HIWA	2	67	4	2	2	47	28	224	5	34	57
	0121	HIWA	4	79	2	2	1	47	30	232	5	32	64
A	0627	HIWA	5	72	2	3	3	45	28	232	2	34	60
B	0627	HIWA	5	68	5	3	3	45	28	232	1	49	67
	0637	IRED	2	62	2	2	2	46	28	233	5	39	56
	0693	LLOY	2	71	1	2	3	48	28	229	2	33	59
	0660	LLOY	2	74	2	2	2	48	28	220	2	33	61
	0559	LLOY	2	78	2	2	2	45	28	236	4	38	70
	0560	LLOY	2	80	2	2	2	45	28	236	3	50	80
	0705	LLOY	2	45	2	2	2	48	27	230	3	37	56
	0705	LLOY	2	75	2	2	2	48	27	230	3	37	56
A	0659	LLOY	2	73	3	2	2	49	29	222	1	41	67
	0703	LLOY	2	73	3	2	2	48	27	230	2	34	62
B	0659	LLOY	2	78	3	2	1	49	29	222	2	35	67
	0626	LLOY	2	92	5	2	2	45	28	232	3	36	81
A	0332	LLOY	4	78	2	1	2	45	28	237	3	33	65
A	0336	LLOY	4	86	2	2	3	45	29	239	5	38	76
B	0332	LLOY	4	77	2	2	2	45	28	237	2	34	65
B	0336	LLOY	4	98	3	2	2	45	29	239	2	38	87
C	0332	LLOY	4	73	3	2	2	45	28	237	3	34	61
	0696	LLOY	6	95	1	1	0	48	27	230	2	31	75
	6018	LLOY	6	86	3	2	3	45	28	232	5	38	77
	0699	LLOY	6	82	3	2	2	48	28	229	2	38	73
	0072	LLOY	3	60	3	3	2	47	31	228	3	33	50
	0242	LLOY	5	93	2	3	2	48	28	231	5	43	87
	0193	LLOY	5	74	3	3	3	46	28	237	5	43	69
	0593	LLOY	5	75	3	3	2	49	29	221	2	32	61
	0703	LLOY	5	72	3	3	2	48	27	230	1	34	61
G	0000	LLOY	5	73	4	3	2	46	28	232	1	-0	-0
H	0000	LLOY	5	68	4	3	2	46	28	232	1	-0	-0
A	0042	ALLY	-0	109	1	1	-0	48	25	219	1	30	84
	0005	ALLU	-0	92	1	1	-0	44	29	240	1	32	75
C	0573	ALLU	-0	105	1	1	-0	49	28	227	2	36	91
	0489	ALLU	-0	88	1	1	-0	48	28	230	2	34	75
	0704	ALLU	-0	100	1	1	-0	48	27	230	1	32	81
F	0052	ALLU	-0	85	1	1	-0	47	30	228	1	40	77
	0056	ALLU	-0	82	1	1	-0	47	30	229	1	31	66
	0043	ALLU	-0	89	1	1	-0	48	25	219	5	34	75
A	0048	ALLU	-0	86	1	1	-0	48	25	220	2	40	78
I	0000	ALLU	-0	83	1	1	-0	46	28	232	1	-0	-0
A	0047	ALLU	-0	84	2	1	-0	48	25	219	2	35	72
	0335	ALLU	-0	84	2	1	-0	45	29	239	3	34	70
B	0047	ALLU	-0	87	2	1	-0	48	25	219	2	34	73
B	0042	ALLU	-0	94	2	1	-0	48	25	219	2	31	75
C	0333	ALLU	-0	90	2	1	-0	45	29	239	1	39	80
	6032	LOCK	2	85	3	1	2	47	28	224	4	39	77
	0821	LOCK	2	74	4	1	3	48	29	224	3	39	69
	6031	LOCK	2	74	2	2	2	47	28	224	5	50	74
	6029	LOCK	2	77	2	2	2	47	28	224	5	58	81
	0042	LOCK	2	89	2	2	1	48	25	219	1	31	70
	0824	LOCK	2	78	3	2	2	48	29	224	3	47	75
J	0000	LOCK	2	68	-0	-0	-0	47	30	228	1	-0	-0
	0821	LOCK	5	85	2	3	3	48	29	224	1	30	66
	0621	LOCK	5	71	3	3	3	47	28	221	3	46	69
	0074	LOUI	2	71	2	2	3	48	28	218	2	52	72
A	0334	LOUI	2	76	4	2	3	45	29	239	3	41	70
B	0334	LOUI	2	78	4	2	2	45	29	239	3	43	74
B	0048	LOUI	2	97	5	2	1	48	25	220	1	46	94
	0587	MADI	2	64	2	2	3	49	29	223	2	45	60
	0673	MADI	2	61	2	2	3	51	30	221	3	42	57
	0758	MADI	2	65	2	2	3	57	31	220	1	41	58
	0547	MADI	2	60	2	2	1	50	31	212	2	32	47
A	0546	MADI	2	54	3	2	3	50	31	214	4	37	47
B	0546	MADI	2	57	3	2	2	50	31	214	3	30	44
A	0625	MECK	2	77	2	2	2	45	28	232	1	38	68
	0574	MECK	2	81	3	2	3	49	28	227	4	33	67
B	0625	MECK	2	74	4	2	2	45	28	232	3	39	67
	0074	ALLY	-0	84	1	1	-0	44	24	233	1	44	79
C	0048	ALLY	-0	94	1	1	-0	48	25	220	1	43	88
	0323	ORAN	1	65	1	1	-0	44	28	237	5	35	57
	0368	ORAN	1	82	1	1	-0	45	28	232	1	31	65
	0241	ORAN	1	69	2	2	-0	48	28	231	5	39	60
	0089	ROAN	1	91	1	1	-0	46	31	218	3	37	79
	0403	TIRZ	1	87	3	2	3	43	29	241	4	37	77
	0242	TIRZ	1	95	5	2	2	48	28	231	4	45	91
A	0581	TIRZ	8	70	4	3	3	46	28	234	1	30	54
B	0581	TIRZ	8	74	4	3	2	46	28	234	2	34	62
	0012	VANC	2	81	3	1	2	49	29	222	3	31	64

	0011	VANC	2	66	2	2	1	49	29	222	4	35	56
	0563	WEHA	4	108	1	1	-0	45	28	238	2	49	107
	0700	WEHA	4	105	1	1	-0	48	27	230	2	45	100
	0551	WICK	7	95	3	1	1	45	28	235	1	30	74
	0558	WICK	7	95	2	2	1	45	28	236	1	30	75
	0582	WICK	3	67	6	3	3	45	28	237	1	47	65
C	0060	WILK	4	73	3	2	3	47	30	231	3	36	63
	0053	WILK	4	66	3	2	1	47	28	227	6	34	56
C	0654	WILK	4	74	5	2	2	49	29	220	1	44	70
A	0557	WILK	4	75	5	2	2	45	29	237	2	33	62
D	0333	WILK	4	78	5	2	2	45	29	239	3	38	68
E	0333	WILK	4	89	5	2	1	45	29	239	1	42	82
	0077	WILK	4	71	6	2	2	47	28	233	6	40	65
	0553	WILK	4	69	6	2	1	46	28	233	3	43	66
	0556	GULL	-0	77	5	4	3	45	28	236	3	37	68
B	0557	GULL	-0	79	5	4	2	45	29	237	2	37	69
C	0557	GULL	-0	72	6	4	3	45	29	237	3	36	62
D	0557	GULL	-0	66	6	4	2	45	29	237	2	38	60
	0055	GULL	-0	66	3	4	2	48	30	226	2	38	58
	0798	ENON	5	62	5	3	1	47	28	222	2	32	53
AVG			3	78	3	2	2	46	28	230	3	38	68
CVR			75	13	46	38	33	4	7	3	56	19	15
MAX			8	109	6	4	3	57	31	241	6	79	107
MIN			1	45	1	1	1	43	24	212	1	30	44
TOT			167	189	188	188	162	189	189	189	189	185	185

CASE, J. M.
LOBLOLLY PINE
S. CAROLINA 1964. SOUTHERN PIEDMONT

ST-SOIL TYPE
SI-SITE INDEX
SL-SLOPE CLASS
EC-EROSION CLASS
SP-SLOPE POSITION
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

			ST	SI	SL	EC	SP	AP	GP	FF	NT	AG	HT
	0597	ALAM	1	89	1	1	-0	45	24	231	3	35	76
	0577	ALAM	1	81	2	1	3	47	28	233	3	32	66
	0578	ALAM	1	68	2	1	3	47	28	233	3	50	68
	0579	ALAM	1	66	2	1	3	46	28	233	1	49	65
	0580	ALAM	1	76	2	1	3	46	28	234	2	69	66
	0609	ALAM	1	82	2	1	3	44	24	233	4	34	69
	0411	ALAM	1	89	2	1	1	43	29	239	2	46	85
	0603	ALAM	1	87	2	1	1	46	24	231	3	43	82
A	0089	ALTA	1	95	1	1	-0	46	31	218	2	34	49
	0563	ALTA	1	91	1	1	-0	45	28	238	2	43	86
A	0051	APPL	2	87	1	1	-0	48	30	223	2	49	86
	0055	APPL	2	70	2	1	3	48	30	226	1	40	64
	0552	APPL	2	87	2	1	3	45	28	234	2	34	73
A	0000	APPL	2	90	2	1	2	46	28	232	1	-0	-0
	0000	APPL	2	93	2	1	2	46	28	232	1	-0	-0
C	0000	APPL	2	74	2	1	2	46	28	232	1	-0	-0
	0075	APPL	2	72	3	1	3	47	28	223	1	55	74
	0075	APPL	2	69	3	1	2	47	28	223	1	53	71
	0048	APPL	2	102	4	2	1	48	25	220	1	47	100
	0552	APPL	2	76	2	1	3	45	28	234	2	35	64
B	0051	APPL	2	81	2	1	3	48	30	223	1	50	81
	0055	APPL	2	77	2	1	2	48	30	226	1	39	68
	0048	APPL	2	89	2	2	1	48	25	220	1	47	87
	0817	APPL	2	70	3	1	3	48	28	218	1	31	55
	0048	APPL	2	80	4	2	3	48	25	220	3	44	76
	0325	BRAD	2	82	2	1	2	43	29	239	5	54	85
A	0611	BRAD	2	10	3	2	1	44	24	238	1	34	92
	0622	CATA	3	60	2	2	3	48	28	217	3	35	60
	0016	CATA	3	65	2	2	3	45	28	235	3	36	56
	0809	CATA	3	78	2	2	3	48	28	217	2	36	68
	0617	CATA	3	70	3	2	3	48	28	219	2	48	69
	0800	CATA	3	73	3	2	3	48	28	218	3	40	67
	6014	CATA	3	80	3	2	2	49	25	210	4	32	65
	0808	CATA	3	77	4	2	2	48	28	218	2	35	66
	0623	CATA	5	56	2	3	3	48	28	217	1	32	46
	0653	CATA	5	78	2	3	3	49	29	226	3	33	64
A	0799	CATA	5	58	2	3	3	48	28	218	2	41	53
	0055	CATA	5	71	3	3	3	48	30	226	3	38	63
B	0799	CATA	5	69	3	3	2	48	28	218	1	57	72
	0808	CATA	5	70	4	3	2	48	28	218	2	36	61
	0618	CATA	5	73	5	3	3	48	28	218	2	37	64
	0800	CATA	5	70	5	3	3	48	28	218	3	49	69
D	0000	CECI	2	85	1	1	2	47	30	228	1	-0	-0
A	0052	CECI	2	75	2	1	3	47	30	228	1	38	67
A	0330	CECI	2	65	2	1	3	45	29	239	1	34	51
	0689	CECI	2	76	2	1	3	48	28	230	2	34	63
	0819	CECI	2	77	2	1	3	48	28	219	3	40	70
	0123	CECI	2	72	2	1	2	47	28	232	5	37	63
	0241	CECI	2	92	2	1	2	48	30	231	4	48	31
	0571	CECI	2	89	3	1	3	48	28	228	1	68	98
	0563	CECI	2	94	3	1	2	45	28	238	2	41	86
	0803	CECI	2	87	3	1	1	47	28	219	2	35	74
	0561	CECI	2	88	1	2	3	45	28	236	3	33	73
	0055	CECI	2	74	2	2	3	48	30	226	3	36	64
	0331	CECI	2	70	2	2	3	45	30	241	1	30	55
	0629	CECI	2	84	2	2	3	46	28	227	2	35	71
A	0690	CECI	2	72	2	2	3	48	28	231	2	33	59
	0804	CECI	2	80	2	2	3	47	28	219	1	35	67
	0920	CECI	2	80	2	2	3	48	28	219	2	34	66
	0123	CECI	2	72	2	2	2	47	30	232	5	37	63
B	0052	CECI	2	70	2	2	2	47	30	228	8	34	59
E	0000	CECI	2	80	2	2	2	46	28	232	1	-0	-0
A	0810	CECI	2	81	2	2	2	47	28	222	2	37	71
	0613	CECI	2	85	2	2	1	49	25	209	4	38	72
	6039	CECI	2	73	2	2	1	46	28	231	5	55	76
A	0817	CECI	2	73	3	2	3	48	28	218	1	36	63
A	0191	CECI	2	73	3	2	2	46	28	233	3	52	75
C	0052	CECI	2	79	3	2	2	47	30	228	3	36	69
	0630	CECI	2	83	3	2	2	46	28	227	2	32	68
	0818	CECI	2	79	3	2	2	48	28	219	2	32	64
O	0589	CECI	2	71	3	2	2	49	29	224	2	41	65
	0558	CECI	2	86	3	2	1	45	28	236	3	33	70
B	0817	CECI	2	80	3	2	1	48	28	218	1	30	63
B	0690	CECI	2	80	4	2	2	48	28	231	1	33	66
A	0333	CECI	2	84	5	2	2	45	29	239	2	38	75
B	0333	CECI	2	85	5	2	1	45	29	239	2	39	76

D	0052	CECI	5	73	2	3	3	47	30	228	2	44	70
	0590	CECI	5	74	2	3	3	49	28	220	2	32	59
	0562	CECI	5	85	2	3	3	45	28	236	3	38	75
	0562	CECI	5	85	2	3	3	45	28	236	3	38	75
	0576	CECI	5	66	2	3	3	48	28	228	1	34	55
	0619	CECI	5	68	2	3	3	48	28	218	3	37	60
	0628	CECI	5	80	2	3	3	45	28	232	2	32	83
F	0000	CECI	5	64	2	3	2	46	28	232	3	-0	-0
	0661	CECI	5	81	2	3	1	48	28	219	2	34	68
	6012	CECI	5	96	2	3	1	49	25	208	3	35	82
	0656	CECI	5	72	3	3	3	48	28	219	2	36	62
	0073	CECI	5	65	3	3	3	48	28	218	4	32	53
	6027	CECI	5	68	3	3	2	46	28	224	5	40	60
E	0052	CECI	5	81	3	3	1	47	30	228	1	42	76
A	0655	CECI	5	71	4	3	3	48	28	219	2	34	60
A	0697	CECI	5	76	4	3	3	48	28	230	1	43	72
	0057	CECI	5	58	4	3	3	47	29	227	5	38	52
B	0655	CECI	5	80	4	3	2	48	28	219	1	34	67
	0697	CECI	5	74	4	3	2	48	28	230	2	42	69
	0698	CECI	5	73	4	3	2	48	28	229	2	36	66
B	0810	CECI	5	80	4	3	2	47	28	222	2	38	71
C	0655	CECI	5	84	4	3	1	48	28	219	1	37	74
A	0192	CECI	5	79	4	3	1	46	28	234	5	55	82
	0059	CECI	5	81	4	3	1	47	29	230	1	30	64
	0070	CECI	5	58	5	3	3	46	31	228	1	45	56
	0054	CECI	5	83	5	3	3	47	29	230	6	43	78
	0584	CECI	5	79	5	3	2	49	29	226	3	36	69
C	0810	CECI	5	91	5	3	1	47	28	222	2	43	86
A	0583	CECI	5	80	6	3	2	46	28	235	1	42	75
B	0583	CECI	5	95	6	3	1	46	28	235	1	43	84
B	0611	CHES	2	97	3	1	1	44	24	238	1	45	93
A	0082	CHES	4	63	2	1	3	46	31	217	7	30	40
	0083	CHES	4	76	3	1	1	46	31	217	6	57	79
	0008	CHEW	1	100	1	1	-0	44	29	240	2	33	90
	0680	COLF	2	75	2	2	1	50	30	221	3	49	74
	0011	CONG	4	100	1	1	-0	44	29	240	1	30	78
	0012	CONG	4	92	1	1	-0	44	29	240	1	30	72
	0702	CONG	4	100	1	1	-0	48	27	230	2	63	11
	0694	DAVI	6	77	2	1	2	48	27	230	2	30	60
A	0050	DAVI	6	76	2	2	3	49	25	219	8	32	62
	0575	DAVI	6	74	2	2	3	48	28	227	4	36	64
B	0050	DAVI	6	65	2	2	2	49	25	219	1	31	52
	0563	DAVI	6	98	3	2	1	45	28	238	2	38	86
A	0573	DAVI	5	70	6	3	3	49	28	227	1	36	60
B	0573	DAVI	5	84	6	3	2	49	28	227	2	35	72
C	0651	DURH	2	85	1	1	-0	48	30	223	2	49	84
D	0051	DURH	2	84	2	1	3	48	30	223	3	48	82
A	0631	DURH	2	78	2	1	3	46	28	224	2	38	69
	0078	DURH	2	69	2	1	3	17	28	223	2	38	60
B	0631	DURH	2	83	2	1	1	46	28	224	1	38	74
	0624	DURH	2	78	3	1	3	45	28	229	4	37	69
	0075	DURH	2	77	3	1	2	47	28	223	4	52	78
	0078	DURH	7	67	2	1	3	47	28	223	7	39	60
A	0077	DURH	7	58	2	1	3	47	28	223	5	40	52
	0361	DURH	7	74	2	1	3	46	28	224	5	39	67
	0415	DURH	7	66	2	1	3	44	24	236	5	45	63
	0362	DURH	7	68	3	1	2	46	28	224	5	31	55
	0363	DURH	7	77	3	1	2	46	28	224	5	45	74
A	0074	ENON	2	72	2	1	3	48	28	218	1	49	71
	0823	ENON	2	73	2	2	3	48	29	224	4	39	66
B	0077	ENON	2	67	2	2	3	47	28	223	1	33	55
	0802	ENON	2	76	2	2	3	47	28	219	3	36	65
	0805	ENON	2	78	2	2	3	47	28	219	2	33	64
	0013	ENON	2	78	2	2	3	46	28	230	5	33	66
	6030	ENON	2	84	2	2	2	47	28	219	5	35	72
	6035	ENON	2	61	2	2	2	46	28	231	5	33	51
	6028	ENON	2	74	2	2	2	47	28	223	5	36	65
	6036	ENON	2	82	2	2	1	46	28	232	5	31	64
	6016	ENON	2	71	2	2	1	47	28	223	5	31	58
	6038	ENON	2	65	2	2	1	46	28	232	5	48	64
	0806	ENON	2	78	2	2	1	47	28	219	3	34	66
	0364	ENON	2	66	3	2	2	46	28	221	5	39	59
	6017	ENON	2	71	3	2	1	47	28	224	5	37	64
AVG			3	77	3	2	2	47	28	226	3	39	68
CVR			53	14	43	42	35	6	5	3	61	20	17
MAX			7	102	6	3	3	50	31	241	8	69	100
MIN			1	10	1	1	1	17	24	208	1	30	11
TOT			149	149	149	149	140	149	149	149	149	143	143

CASE, J. M.
LOBLOLLY PINE
TEXAS 1964, FLATWOODS

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
TA-THICKNESS A HORIZON
PP-PLOT POSITION
PL-POST LAND USE
PA-ANNUAL PRECIPITATION
WP-PRECIPITATION WARM SEASON
FF-FROST FREE DAYS
NT-NUMBER TREES
AG-AGE
HT-HEIGHT
DB-DBH

		ST	SI	SC	EC	TA	PP	PL	PA	WP	FF	NT	AG	HT	DB
	0026 ACAD	4	93	1	1	10	5	1	47	26	265	3	40	85	15
A	0004 ACAD	4	95	1	1	22	5	1	51	25	265	3	41	88	13
A	0002 BOWI	4	87	2	1	6	3	1	49	26	265	4	53	89	17
A	0011 BOWI	4	82	2	1	29	3	1	49	26	265	2	28	61	15
A	0008 BOWI	4	89	1	1	19	5	1	45	22	290	5	43	84	15
	0023 BOWI	8	79	1	1	26	5	1	45	23	260	3	50	79	13
A	0100 BOWI	8	87	2	1	36	5	1	45	23	260	3	51	88	17
	0109 BOWI	8	79	2	1	25	5	1	45	23	260	1	35	67	14
	0110 BOWI	8	80	2	1	34	5	1	45	23	260	3	43	75	14
	0160 BOWI	8	90	2	1	20	3	1	45	23	260	6	33	74	15
	0161 BOWI	8	82	2	1	22	3	1	45	23	260	5	35	69	12
	0111 BOWI	8	90	1	1	42	5	1	53	25	245	4	34	75	16
A	0103 BYAR	11	95	1	1	20	5	1	53	25	245	3	46	92	17
	0104 CADD	4	101	1	1	18	5	2	45	23	260	3	36	88	16
	0163 CADD	8	89	2	1	18	5	1	45	23	260	3	35	75	16
	0154 CADD	8	86	2	1	10	5	1	45	23	260	4	46	83	15
	0162 CADD	8	90	2	1	13	5	1	45	23	260	4	35	77	14
	0557 CADD	8	79	1	1	12	5	1	45	23	260	4	48	77	13
	0568 CADD	8	94	1	1	16	5	1	45	23	260	5	39	85	18
	0003 CADD	8	90	1	1	18	5	1	49	26	265	3	55	93	18
A	0005 CADD	8	92	1	1	37	5	1	45	23	260	3	34	77	13
A	0006 CADD	8	92	1	1	37	5	1	45	23	260	3	45	87	17
	0021 CADD	8	98	1	1	36	5	1	47	25	265	3	41	90	16
	0019 CADD	8	98	1	1	46	5	1	51	26	265	3	36	85	14
A	0013 CADD	8	98	1	1	28	5	1	47	23	250	6	40	87	15
	0010 CADD	8	97	1	1	33	5	1	53	25	245	4	31	76	12
B	0008 CADD	8	97	1	1	11	5	1	53	28	275	2	34	80	16
	0206 CADD	8	85	1	1	32	5	1	45	23	260	4	48	83	15
	0232 CADD	8	90	1	1	20	5	1	45	23	260	6	46	87	15
	0585 CADD	8	97	1	1	18	5	1	45	23	260	6	39	87	15
	0604 CADD	8	95	1	1	30	5	1	45	23	260	4	39	85	16
	0605 CADD	8	92	1	1	26	5	1	45	23	260	5	48	90	18
A	0014 BEAU	4	91	3	1	14	2	1	51	25	245	3	37	79	13
B	0100 EUST	3	88	1	1	78	5	1	53	25	245	1	70	98	22
	0001 GARN	1	85	1	1	5	5	5	49	24	290	3	35	72	13
	0017 GARN	1	85	1	1	6	5	1	49	24	290	3	47	83	14
	0016 GARN	1	84	1	1	5	5	1	49	25	265	3	46	82	16
B	0103 GARN	1	90	1	1	5	5	1	47	25	265	3	39	82	17
B	0002 GARN	1	81	1	1	5	5	1	47	25	265	3	34	68	11
	0022 TUKA	2	1000	1	1	36	5	1	51	26	265	4	35	85	16
A	0007 TUKA	4	93	1	1	18	5	1	53	25	245	4	38	83	12
	0106 KLEJ	3	86	1	1	37	5	1	53	25	245	2	38	77	14
	0009 KLEJ	8	95	1	1	60	5	1	51	26	265	4	46	91	16
B	0011 KLEJ	8	80	3	1	42	1	1	53	25	245	3	41	74	11
B	0004 KLEJ	8	86	1	1	42	5	1	45	23	260	3	35	73	13
	0023 KLEJ	8	94	2	1	36	2	1	53	26	265	4	37	82	13
	0024 KLEJ	8	1090	2	1	48	2	1	53	26	265	3	34	91	14
	0105 KLEJ	8	1120	1	1	58	5	1	53	25	245	4	32	91	15
B	0006 LAKE	3	80	2	1	60	1	1	51	26	265	2	34	68	13
B	0007 MAGN	4	96	1	1	14	5	1	53	28	275	9	36	81	13
	0030 RAIN	11	89	1	1	7	5	1	45	23	260	4	39	81	15
	0219 RAIN	11	91	1	1	6	5	1	45	23	260	4	51	92	18
	0233 RAIN	11	89	1	1	4	5	1	45	23	260	6	34	75	14
	0247 RAIN	11	89	1	1	10	5	1	45	23	260	4	34	75	14
	0575 RAIN	11	89	1	1	20	5	1	45	23	260	7	30	70	14
	0587 RAIN	11	97	1	1	18	5	1	45	23	260	5	39	87	15
	0588 RAIN	11	93	1	1	15	5	1	45	23	260	6	50	93	16
	0589 RAIN	11	90	1	1	18	5	1	45	23	260	5	44	86	14
	0113 RAIN	11	79	1	1	26	5	1	53	25	245	3	35	68	14
B	0014 RAIN	11	96	1	1	29	5	1	49	26	265	2	29	73	14
	0027 RAIN	11	94	1	1	37	5	1	49	26	265	5	43	89	15
C	0100 RAIN	11	92	1	1	32	5	1	51	26	265	4	41	84	14
B	0013 SAWY	4	92	4	2	6	2	1	47	25	265	3	37	80	12
C	0002 SAWY	11	86	1	1	8	5	1	47	22	290	3	42	79	13
B	0005 SAWY	11	91	1	1	8	5	1	47	22	290	3	37	79	15
	0012 SAWY	11	100	1	1	23	5	1	53	25	245	3	39	78	11
	0247 RAIN	11	89	1	1	10	5	1	45	23	260	4	34	75	14
	0575 RAIN	11	89	1	1	20	5	1	45	23	260	7	30	70	14
	0587 RAIN	11	97	1	1	18	5	1	45	23	260	5	39	87	15
	0588 RAIN	11	93	1	1	15	5	1	45	23	260	6	50	93	16
	0589 RAIN	11	90	1	1	18	5	1	45	23	260	5	44	86	14
	0113 RAIN	11	79	1	1	26	5	1	53	25	245	3	35	68	14
B	0014 RAIN	11	96	1	1	29	5	1	49	26	265	2	29	73	14
	0027 RAIN	11	94	1	1	37	5	1	49	26	265	5	43	89	15

C 0100 RAIN	11	92	1	1	32	5	1	51	26	265	4	41	84	14
B 0013 SAWY	4	92	4	2	6	2	1	47	25	265	3	37	80	12
C 0002 SAWY	11	86	1	1	8	5	1	47	22	290	3	42	79	13
B 0005 SAWY	11	91	1	1	8	5	1	47	22	290	3	37	79	15
0012 SAWY	11	100	1	1	23	5	1	53	25	245	3	39	78	11
AVG	8	127	1	1	23	5	1	48	24	262	4	40	81	15
CVR	41	148	50	15	64	22	43	7	6	4	37	18	9	13
MAX	11	1120	4	2	78	5	5	53	28	290	9	70	98	22
MIN	1	79	1	1	4	1	1	45	22	245	1	28	61	11
TOT	79	79	79	79	79	79	79	79	79	79	79	79	79	79

CASE: J. M.
LOBLOLLY PINE
TEXAS 1964, COASTAL PRAIRIE

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
TA-THICKNESS A HORIZON
PP-PLOT POSITION
PL-PRST LAND USE
PA-ANNUAL PRECIPITATION
WP-PRECIPITATION WARM SEASON
FF-FROST FREE DAYS
NT-NUMBER TREES
AG-AGE
HT-HEIGHT
DB-DBH

	ST	SI	SC	EC	TA	PP	PL	PA	WP	FF	NT	AG	HT	DB
A 0102 BEAU	1	90	1	1	6	5	1	51	25	265	5	35	77	16
A 0006 BEAU	1	86	1	1	33	5	1	51	25	265	3	35	74	12
A 0002 BEAU	1	82	1	1	28	5	1	49	24	290	3	36	71	12
0003 CLOD	11	92	1	1	12	5	1	45	22	290	4	36	80	15
0001 EDNA	2	92	1	1	8	5	2	51	28	290	4	27	66	13
EDNA	2	103	1	1	13	5	2	51	26	265	3	41	95	19
A 0014 EDNA	2	95	1	1	16	5	1	51	28	275	3	29	72	14
B 0002 EDNA	4	94	1	1	13	1	1	53	28	275	4	38	83	15
A 0012 EDNA	4	82	1	1	17	2	2	51	27	275	3	36	71	14
0101 EDNA	4	92	1	1	10	1	1	51	25	265	4	38	81	14
0010 HOCK	4	87	1	1	5	5	1	43	22	290	5	42	81	15
B 0012 HOCK	4	80	1	1	33	5	1	45	22	290	5	34	67	13
B 0014 KATY	4	94	1	1	18	1	1	45	22	290	3	52	96	16
A 0100 KATY	4	92	1	1	22	3	1	51	25	265	4	38	82	15
0031 KATY	4	91	1	1	23	5	1	51	26	265	3	43	86	14
A 0028 KATY	4	95	1	1	27	5	1	51	26	265	2	29	63	14
C 0002 KATY	4	99	1	1	18	5	2	51	28	275	5	34	82	14
B 0006 KATY	4	92	1	1	16	5	2	51	28	275	2	37	80	19
0004 SABI	8	97	1	1	52	2	1	51	24	290	3	38	86	13
0005 SABI	8	87	1	1	74	3	1	51	24	290	3	49	86	14
B 0102 WALL	2	99	1	1	21	5	1	51	28	275	4	33	82	17
0011 WALL	11	109	1	1	20	5	2	51	28	275	6	42	101	18
B 0100 WALL	11	114	1	1	19	5	2	51	28	275	5	56	119	24
B 0028 KATY	4	85	1	1	27	5	1	51	26	265	4	36	72	14
AVG	5	93	1	1	22	4	1	50	26	277	4	38	81	15
CVR	68	9	0	0	68	37	36	5	9	4	28	18	15	18
MAX	11	114	1	1	74	5	2	53	28	290	6	56	119	24
MIN	1	80	1	1	5	1	1	43	22	265	2	27	63	12
TOT	24	24	24	24	24	24	24	24	24	24	24	24	24	24

CASE, J. M.
LOBLOLLY PINE
TEXAS 1964, TIMBERLANDS

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
TA-THICKNESS A HORIZON
PP-PLOT POSITION
PL-POST LAND USE
PA-ANNUAL PRECIPITATION
WP-PRECIPITATION WARM SEASON
FF-FROST FREE DAYS
NT-NUMBER TREES
AG-AGE
HT-HEIGHT
DB-DBH

		ST	SI	SC	EC	TA	PP	PL	PA	WP	FF	NT	AG	HT	DB
	0006 BIBB	1	98	1	1	14	5	1	45	23	260	4	33	82	15
A	000A BIBB	9	101	1	1	7	5	1	45	22	245	3	42	92	17
A	0018 BOSW	4	87	4	1	5	3	1	47	22	235	3	40	79	13
	0112 BOSW	4	82	2	1	14	3	1	47	24	250	3	38	75	15
A	0008 BOSW	4	87	3	1	7	1	1	45	22	245	3	32	69	13
B	0008 BOSW	4	81	3	1	7	4	1	45	22	245	3	36	68	14
A	0019 BOSW	4	71	3	3	4	3	1	45	22	240	3	44	66	16
A	0009 BOSW	4	83	3	1	5	3	1	47	22	250	4	46	80	17
A	0020 BOSW	4	77	3	1	9	2	1	47	22	235	3	34	63	14
	0021 BOSW	4	80	5	1	9	2	1	47	22	240	4	42	74	16
B	0004 BOSW	4	83	2	1	8	2	1	47	22	235	3	54	86	16
	0016 BOSW	4	89	3	1	4	2	1	45	23	245	4	32	71	14
A	0005 BOSW	4	83	2	1	8	2	1	47	22	230	4	50	83	17
	0025 BOSW	4	88	3	1	10	4	1	45	22	240	3	38	78	17
	002A BOSW	4	90	4	1	6	2	2	45	22	235	4	33	74	15
	0025 BOSW	4	85	3	2	12	2	2	45	22	240	4	36	74	15
C	0008 BOSW	4	83	3	2	3	2	2	45	22	230	4	39	75	13
B	0020 BOSW	4	84	4	1	10	2	1	47	22	245	3	35	72	12
	0110 BOSW	4	80	2	1	4	2	2	47	23	245	4	60	88	20
A	0006 BOSW	5	88	4	1	16	2	1	45	23	245	3	40	80	17
A	0014 BOSW	5	88	4	1	6	3	1	47	22	235	4	48	87	16
	0012 BOSW	5	93	3	1	8	1	1	45	23	245	3	33	77	15
B	0009 BOSW	5	81	4	3	2	2	2	47	22	235	3	44	77	18
	0023 BOWI	4	79	2	2	16	3	1	45	22	240	3	43	75	19
A	0003 BOWI	4	76	3	2	9	2	1	45	22	240	3	40	69	14
C	0009 BOWI	4	82	2	1	12	2	1	45	23	250	3	40	74	16
	0106 BOWI	4	88	2	1	32	5	1	45	23	260	3	47	86	16
A	0010 BOWI	4	86	2	1	28	3	1	47	22	235	3	53	88	17
	0018 BOWI	4	84	4	1	20	3	1	47	22	235	3	51	84	18
	0012 BOWI	11	91	2	1	36	3	1	47	22	235	3	31	72	13
D	0004 BOWI	8	91	4	1	33	2	1	45	23	250	3	58	97	16
B	0018 BOWI	8	90	2	1	18	3	2	47	25	245	1	45	87	17
	0046 BOWI	8	81	3	1	18	4	2	45	22	240	4	59	86	19
	0030 BOWI	8	96	2	1	24	3	2	47	24	250	3	26	68	12
A	0032 BOWI	8	98	2	1	24	1	2	47	24	250	3	35	82	15
B	0032 BOWI	8	98	3	1	24	1	2	47	24	250	6	36	85	15
	1004 BYARS	1	89	1	1	10	5	1	45	23	260	4	43	84	17
	1037 BYARS	1	83	1	1	6	5	1	45	23	260	6	33	68	14
	0187 BYARS	1	94	1	1	18	5	1	45	23	260	4	38	84	14
B	0003 BYARS	1	86	1	1	18	5	1	45	23	250	3	53	87	16
	0181 BYARS	11	90	1	1	18	5	1	45	23	245	3	58	95	19
	0021 CADD	4	79	2	1	18	4	1	49	22	235	3	53	81	16
C	0004 CADD	4	87	2	1	17	2	1	45	23	245	2	51	88	16
	0041 CADD	4	87	3	1	42	2	1	45	22	250	4	48	85	18
A	0007 CADD	4	99	1	1	35	4	1	45	23	250	4	40	90	19
	0022 CADD	4	90	1	1	26	4	1	45	23	250	4	38	80	15
E	0008 CADD	8	87	2	1	24	4	1	45	21	240	3	26	62	16
	0015 CADD	8	89	2	1	56	2	1	45	23	255	4	48	88	16
	0047 CADD	8	74	2	1	28	2	1	45	22	250	4	60	79	18
C	0020 CADD	8	78	4	1	36	2	1	45	23	250	5	41	72	15
	0016 CONR	5	76	4	1	14	2	1	45	23	260	4	36	66	12
	0105 CONR	5	72	3	1	18	2	1	47	24	250	3	56	75	15
	0578 CONR	7	72	2	1	17	2	1	45	23	260	3	61	78	17
	0500 CONR	7	76	2	1	18	3	1	45	23	260	4	51	77	17
	0124 CONR	7	71	3	1	16	3	1	45	23	260	2	30	57	10
B	0006 CONR	7	61	2	1	24	3	1	45	23	260	3	36	53	12
	0197 CONR	7	71	3	1	25	3	1	45	23	260	4	35	61	13
	0199 CONR	7	71	3	1	18	3	2	45	23	260	4	40	65	14
	0200 CONR	7	67	4	1	29	2	1	45	23	260	5	58	70	12
	0541 CONR	7	68	3	1	14	2	1	45	23	260	4	36	60	13
	0025 CONR	8	76	2	1	22	2	1	45	23	260	4	31	60	11
	0125 CONR	8	75	3	1	20	2	1	45	23	260	5	47	73	17
	0152 CONR	8	72	2	1	18	2	1	45	23	260	3	48	70	16
	0156 CONR	8	76	2	1	21	3	1	45	23	260	5	32	61	13
	0157 CONR	8	80	3	1	18	1	2	45	23	260	5	44	76	14
	0198 CONR	8	71	2	1	21	3	1	45	23	260	4	41	65	13
	0202 CONR	8	78	2	1	18	2	2	45	23	260	5	33	64	14
	0519 CONR	8	76	2	1	18	2	1	45	23	260	5	50	76	12
	0546 CONR	8	78	2	1	26	3	1	45	23	260	4	37	69	14
D	0009 CUTH	4	81	6	3	8	2	1	45	21	240	3	26	58	13
	0013 CUTH	4	81	5	3	16	2	2	45	23	245	5	32	65	14
B	0012 CUTH	4	73	3	1	12	3	1	47	24	250	3	39	66	14
C	0019 CUTH	4	67	3	1	12	3	1	47	24	250	3	40	62	11

	0031	CUTH	8	80	4	2	30	2	1	45	23	260	3	31	63	14
	0563	CUTH	8	79	5	1	20	2	1	45	23	260	4	39	71	17
	0200	CUTH	8	78	6	1	36	2	1	45	23	255	3	41	71	15
C	0003	EUST	3	86	3	2	66	2	2	47	22	235	3	44	73	15
	1003	GARN	1	72	2	1	8	2	1	45	23	260	3	51	72	16
	1005	GARN	1	80	2	1	3	2	1	45	23	260	4	35	69	14
	1006	GARN	1	74	2	1	8	2	1	45	23	260	5	59	78	15
	1011	GARN	1	73	1	1	7	5	1	45	23	260	5	53	75	15
	1041	GARN	1	74	1	1	4	5	1	45	23	260	1	37	64	12
	0157	GARN	1	78	2	1	4	4	2	45	23	260	5	32	64	12
	0164	GARN	1	72	1	1	6	5	1	45	23	260	5	45	69	16
F	0008	IUKA	1	111	1	1	16	5	1	47	22	235	3	38	99	19
	0013	IUKA	1	108	1	1	17	5	1	47	22	235	5	34	91	19
B	0014	IUKA	1	110	1	1	5	5	1	47	22	235	4	34	92	17
	0006	IUKA	4	112	1	1	60	5	1	47	24	250	4	43	105	16
B	0007	IUKA	4	108	1	1	60	5	1	47	24	250	5	42	101	16
C	0007	IUKA	4	111	1	1	10	5	1	45	22	255	3	46	108	17
A	0022	IUKA	11	108	1	1	11	5	2	47	22	235	5	37	94	17
	0105	IUKA	11	106	1	1	28	5	1	47	23	245	3	33	86	15
B	0005	KIRV	4	91	3	1	11	2	2	47	22	230	4	35	-0	16
B	0010	KIRV	1	90	5	1	7	2	2	45	22	230	5	36	76	16
	0017	KIRV	5	87	6	1	17	4	1	45	22	240	3	38	76	16
	0018	KIRV	5	62	3	1	10	3	1	47	24	250	1	42	58	15
B	0022	KIRV	8	79	2	1	20	2	1	45	22	240	3	46	76	17
	0300	KLEJ	8	88	1	1	42	5	1	45	23	255	3	41	82	13
	0301	KLEJ	8	83	1	1	42	5	1	45	23	255	3	40	76	13
C	0005	LAKE	3	89	6	1	66	4	1	45	22	240	4	35	76	13
	0011	LAKE	3	83	2	1	41	5	1	45	23	255	3	48	82	14
	0155	LAKE	8	87	3	1	36	2	2	45	23	260	4	28	66	13
	0517	LAKE	8	82	2	1	37	2	2	45	23	260	5	35	71	16
	0113	LAKE	8	89	2	1	47	2	1	47	24	250	4	37	79	15
	0123	LAKE	8	65	2	1	44	3	1	45	23	260	1	54	67	16
	0016	MAGN	4	81	2	1	14	2	1	47	23	255	3	41	77	15
C	0010	MAGN	4	105	2	1	19	5	2	51	26	265	4	30	82	11
	0027	MAGN	4	110	2	1	13	2	1	47	22	240	5	39	99	18
	0026	MAGN	4	101	2	1	18	3	2	47	22	240	4	41	92	16
G	0008	PLUM	8	89	3	1	38	3	2	45	23	245	5	39	81	16
C	0006	RAIN	4	79	2	1	41	2	1	45	23	250	3	48	78	15
	0012	RUST	4	98	4	1	17	2	2	47	22	235	4	32	79	17
	0010	RUST	4	94	3	1	23	2	1	47	22	240	3	55	98	18
	0027	RUST	4	93	3	1	20	2	1	45	22	240	3	73	105	17
	0028	RUST	8	90	4	1	36	2	1	47	23	250	4	57	83	16
	0033	RUST	8	90	4	3	16	2	2	47	22	240	4	38	80	17
	0034	RUST	8	99	4	2	19	2	2	47	22	240	3	41	91	18
	0110	RUST	8	98	6	1	22	2	2	47	24	250	4	52	99	16
D	0007	RUST	8	82	3	1	20	2	2	45	21	240	2	25	56	17
C	0032	RUST	8	94	4	1	27	2	2	47	24	250	3	32	75	12
D	0032	RUST	8	94	4	1	27	2	2	47	24	250	5	33	76	13
	0139	SAWY	4	90	2	1	15	2	2	45	23	260	4	38	80	14
	0140	SAWY	4	87	2	1	14	2	1	45	23	260	6	41	78	15
	0142	SAWY	4	87	1	1	18	5	1	45	23	260	6	29	66	15
	1010	SAWY	4	80	2	1	7	2	1	45	23	260	6	58	84	16
	1034	SAWY	4	93	2	1	10	2	2	45	23	260	5	31	75	14
A	0017	SAWY	4	87	2	1	10	3	1	45	23	250	4	33	71	15
	0004	SAWY	4	83	2	1	16	3	1	45	22	245	3	40	76	17
	0046	SAWY	4	87	2	1	8	2	1	45	22	250	3	45	84	17
	0048	SAWY	4	80	2	1	8	3	1	45	22	250	5	46	78	16
	0107	SAWY	4	88	3	1	14	2	1	45	23	245	3	55	91	17
A	0002	SAWY	4	85	3	1	6	3	1	47	25	245	2	22	54	16
D	0005	SAWY	4	83	3	2	15	2	1	47	22	235	3	31	66	13
	0015	SAWY	4	96	3	1	18	3	2	45	23	250	5	32	78	13
	0036	SAWY	4	94	3	1	12	2	2	45	22	250	4	38	83	15
D	0003	SAWY	4	82	2	1	11	2	1	47	22	230	5	35	69	12
E	0007	SAWY	4	81	2	1	11	2	1	45	22	230	1	42	76	14
A	0001	SAWY	4	81	3	1	32	3	1	45	23	250	3	41	75	15
	0141	SAWY	8	93	2	1	24	3	2	45	23	260	6	37	82	15
	1007	SAWY	8	88	3	1	15	2	2	45	23	260	4	36	76	15
	1018	SAWY	8	80	2	1	17	2	2	45	23	260	5	30	62	12
	1020	SAWY	8	89	2	1	17	2	1	45	23	260	3	50	89	18
	1021	SAWY	8	94	2	1	31	2	1	45	23	260	5	36	82	15
	1022	SAWY	8	94	1	1	27	5	1	45	23	260	5	35	80	17
	1028	SAWY	8	102	2	1	19	2	2	45	23	260	5	35	87	16
	1039	SAWY	8	98	2	1	12	3	2	45	23	260	5	36	85	15
	0028	SAWY	8	83	2	1	22	2	1	45	23	255	3	33	69	14
	0013	SAWY	8	81	3	1	22	2	1	47	24	250	5	48	79	14
B	0002	SAWY	8	87	3	1	24	1	1	47	24	250	4	47	85	16
E	0005	SAWY	8	97	3	1	17	2	2	47	24	250	4	41	89	19
C	0014	SAWY	8	98	3	1	23	2	2	47	24	250	4	34	82	12
D	0014	SAWY	8	96	3	2	20	2	2	47	24	250	3	35	82	13
	0175	SUSQ	4	92	1	1	18	5	2	45	23	260	5	33	78	15
	0185	SUSQ	4	91	1	1	10	5	2	45	23	260	5	35	77	15
	0150	SUSQ	4	79	1	1	7	5	1	45	23	245	3	53	81	15
	0116	SUSQ	4	88	3	1	7	3	2	45	23	260	4	33	73	17
	0115	SUSQ	4	76	2	1	6	3	1	45	23	260	4	56	79	16
	0011	SUSQ	4	75	2	1	10	2	1	45	23	260	4	34	62	11
	0029	SUSQ	4	84	3	1	9	1	1	45	22	250	5	37	74	14
B	0001	SUSQ	4	84	4	2	4	2	1	45	23	250	3	44	80	15
	0013	SUSQ	4	78	2	1	8	2	1	45	22	260	3	49	78	17
	0126	SUSQ	4	78	4	1	9	2	1	49	25	245	4	37	67	13
	0130	SUSQ	4	85	4	1	3	2	1	51	25	245	3	48	84	16
	0113	SUSQ	4	77	1	1	9	2	2	45	23	245	3	44	73	14
	0026	SUSQ	4	87	2	1	14	2	1	47	22	235	3	46	84	21
	0024	SUSQ	4	82	4	1	31	3	1	45	22	250	4	38	73	16

	0036	SUSQ	4	85	5	1	23	2	1	45	22	240	3	57	89	19
	0016	SUSQ	4	83	2	1	24	2	1	47	22	240	3	32	68	15
B	0017	SUSQ	4	96	1	1	21	1	2	47	22	240	5	31	76	15
E	0009	SUSQ	4	107	2	1	26	2	1	45	22	240	3	53	109	19
	0144	SUSQ	8	78	2	1	21	2	1	45	23	260	5	32	64	12
D	0020	BOSW	4	80	5	3	4	3	1	43	22	240	2	43	74	17
	0038	BOSW	4	76	4	4	2	2	1	43	22	240	2	38	67	16
	0051	BOWI	4	88	4	1	13	2	1	43	22	260	4	59	93	16
E	0005	BOWI	4	76	3	3	10	2	1	43	20	240	1	54	78	14
E	0003	BOWI	4	87	3	1	24	2	1	43	20	240	3	63	95	19
D	0006	BOWI	4	83	2	1	36	3	1	43	20	240	1	68	89	16
	0029	CUTH	4	79	4	1	8	2	1	43	22	260	4	50	79	18
C	0017	CUTH	4	77	4	2	14	2	1	43	20	240	3	35	65	13
	0101	EUST	3	70	3	1	48	2	1	41	22	245	1	33	58	12
F	0003	IUKA	4	109	1	1	60	5	1	39	21	250	2	34	91	20
E	0006	IUKA	4	98	1	1	60	5	1	41	20	240	3	32	79	19
D	0004	KIRV	4	76	6	1	8	3	1	43	20	240	2	51	77	14
F	0009	KIRV	4	84	6	1	8	1	1	43	20	240	3	65	92	20
B	0005	LAKE	8	71	2	1	60	3	1	39	21	250	4	46	69	16
H	0005	LAKE	8	77	2	1	98	2	1	39	21	250	3	41	71	16
C	0002	LAKE	8	68	3	1	72	2	1	41	20	240	2	54	70	14
	0102	NACO	4	73	6	1	9	2	1	41	22	245	3	39	66	16
H	0008	OCHL	4	97	1	1	60	5	1	39	21	250	3	54	100	19
D	0010	RUST	8	80	3	2	34	4	1	39	21	240	5	46	77	13
	0104	SAWY	4	72	2	1	18	2	1	41	20	240	2	37	62	16
2	0008	SAWY	4	77	1	1	15	3	1	39	21	250	3	76	88	20
	0011	SAWY	4	83	2	1	26	3	1	43	22	240	2	44	79	18
	0016	SAWY	4	80	2	1	10	3	1	43	22	240	2	82	93	21
D	0002	SAWY	4	74	1	1	7	3	1	43	22	240	4	53	76	16
	0007	SAWY	4	78	3	1	20	4	1	43	22	240	3	32	63	13
	0189	SAWY	8	87	2	1	18	2	1	43	22	260	4	46	84	17
	0193	SAWY	8	89	2	1	18	2	1	43	22	260	4	42	83	14
F	0006	SUSQ	4	80	3	1	20	3	1	43	22	240	4	32	66	15
AVG			5	85	3	1	20	3	1	45	23	249	4	42	77	15
CVR			45	12	47	42	75	42	35	4	4	4	30	24	14	14
MAX			11	112	6	4	98	5	2	51	26	265	6	82	109	21
MIN			1	61	1	1	2	1	1	39	20	230	1	22	53	10
TOT			199	199	199	199	199	199	199	199	199	199	199	199	198	199

CASE, J. M.
LONGLEAF PINE
GA. 1961 COASTAL PLAIN

STYP-SOIL TYPE
SI-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
144	BART	21	80	1	1	180	2	249	50	28	4	64	34
048	BART	21	76	1	1	225	3	245	49	25	4	63	38
016	BLAN	23	65	1	1	0	7	257	53	34	5	63	47
129	BLAN	23	73	1	1	-0	-0	248	47	30	9	67	44
284	BLAN	23	69	1	1	-0	-0	-0	-0	-0	4	66	46
283	BLAN	23	73	1	1	-0	-0	-0	-0	-0	2	62	38
043	CARN	1	69	2	1	225	4	249	50	28	4	85	80
040	CARN	1	72	2	1	180	4	249	50	28	5	72	50
076	EULO	11	68	1	1	0	7	257	53	34	4	64	45
002	EULO	11	79	1	1	0	7	257	53	34	5	65	35
077	EULO	11	73	1	1	0	7	257	53	34	5	66	41
079	EULO	11	67	1	1	0	7	257	53	34	4	65	47
085	EULO	11	73	1	1	0	7	239	53	34	3	72	49
304	FUST	23	65	1	1	-0	-0	257	45	27	1	73	63
073	EDIS	19	92	1	1	0	7	257	53	34	4	68	30
072	EDIS	1	80	1	1	0	7	257	53	34	5	65	34
080	EDIS	1	75	1	1	0	7	245	53	34	4	65	38
044	FLIN	1	71	1	1	90	2	246	49	25	3	57	34
162	GOLD	11	75	1	1	45	2	248	46	26	4	71	45
125	GOLD	11	78	1	1	-0	-0	240	47	30	7	58	30
025	GOLD	19	80	1	1	315	3	255	42	30	3	63	33
052	GOLD	19	90	1	1	0	7	246	50	29	4	70	32
100	GILE	19	58	3	1	45	2	251	46	26	4	58	50
107	GILE	19	63	3	1	135	2	251	47	26	4	65	53
117	GILE	19	77	2	1	45	3	256	47	26	4	62	34
024	GILE	19	68	2	1	45	2	251	48	26	5	61	40
119	GILE	15	81	2	1	45	2	246	47	26	4	60	30
116	GILE	19	71	2	1	45	4	246	46	26	4	69	47
166	GILE	19	70	3	1	90	2	246	46	27	4	68	47
102	GILE	19	82	3	1	135	3	246	46	26	4	67	35
101	GILE	19	71	3	1	135	4	240	46	26	4	69	47
042	HUCK	23	74	1	1	90	2	246	49	25	4	74	49
A309	HUCK	23	74	1	1	-0	-0	246	44	26	2	78	55
025	IRVI	11	72	1	1	0	7	246	46	27	5	70	46
156	IRVI	11	65	1	1	135	3	246	46	27	4	66	51
038	IRVI	19	85	1	1	315	2	240	48	25	4	63	30
176	IRVI	19	98	1	1	0	7	252	46	28	3	70	29
B309	INDE	23	70	1	1	-0	-0	239	45	27	1	73	54
041	ITAG	19	78	1	1	90	2	240	49	25	4	74	45
095	KALM	11	86	2	1	270	3	245	42	25	3	65	31
047	KERS	23	62	2	1	315	3	245	48	25	3	50	35
140	KLEJ	19	63	1	1	90	2	268	50	28	4	67	57
141	KLEJ	19	73	1	1	135	2	268	50	28	4	65	40
005	KLEJ	19	65	1	1	0	2	247	49	30	5	63	46
125	KLEJ	19	73	1	1	90	3	251	47	26	4	69	45
008	KLEJ	19	80	1	1	0	7	254	48	30	5	80	29
155	KLEJ	19	69	1	1	45	3	246	46	27	4	65	45
161	KLEJ	19	66	1	1	135	3	246	45	26	4	60	42
046	KLEJ	23	71	1	1	315	3	245	48	25	3	57	34
017	KLEJ	23	66	1	1	0	7	257	53	34	5	64	48
020	KLEJ	23	72	1	1	0	7	257	53	34	5	68	45
007	LAKE	19	79	1	1	0	7	254	48	30	5	75	45
096	LAKE	19	68	1	1	45	3	252	46	27	4	69	51
097	LAKE	19	67	1	1	0	3	254	46	27	4	77	49
139	LAKE	19	60	1	1	45	3	268	50	28	4	59	48
142	LAKE	19	60	1	1	225	2	268	50	28	4	50	33
150	LAKE	19	68	1	1	0	7	269	50	29	3	73	58
115	LAKE	19	81	2	1	45	3	251	47	26	4	64	33
116	LAKE	19	85	2	1	315	4	251	47	26	4	66	33
428	LAKE	23	62	1	1	-0	2	-0	-0	-0	2	60	49
018	LAKE	23	70	1	1	0	7	257	53	34	5	71	52
421	LAKE	23	64	1	1	-0	-0	246	44	26	1	62	47
316	LAKE	23	59	1	1	-0	-0	239	45	27	2	65	61
297	LAKE	23	66	1	1	-0	-0	239	45	27	4	70	56
302	LAKE	23	66	1	1	-0	-0	239	45	27	2	77	68
310	LAKE	23	73	1	1	-0	-0	239	45	27	1	76	53
428	LAKE	23	62	1	1	-0	-0	246	44	27	3	60	48
306	LAKE	23	64	1	1	-0	-0	239	45	28	2	66	53
315	LAKE	23	63	1	1	-0	-0	239	45	27	2	68	57
319	LAKE	23	68	1	1	-0	-0	247	43	27	6	72	54
306	LAKE	23	64	1	1	-0	-0	239	45	28	7	66	53
312	LAKE	23	72	1	1	-0	-0	239	43	28	5	69	48
326	LAKE	23	63	1	1	-0	-0	247	43	28	2	47	31
329	LAKE	23	61	1	1	-0	-0	247	43	28	5	51	36
A317	LAKE	23	67	1	1	-0	-0	247	43	28	1	66	48

B317	ALLU	-0	72	2	1	-0	-0	247	43	28	3	71	49
184	LYNC	19	77	1	1	45	3	246	46	27	4	70	42
041	LYNC	11	82	1	1	0	7	249	50	28	5	76	43
282	LYNC	11	75	2	1	225	3	254	48	30	5	66	39
A009	LYNC	11	73	2	1	-0	-0	248	47	30	3	0	0
013	LEON	21	57	1	1	0	7	257	53	34	5	49	38
015	LEON	21	66	1	1	0	7	257	53	34	5	66	50
034	LEON	21	57	1	1	0	7	250	47	30	5	59	53
006	LEON	21	71	1	1	0	3	247	49	30	5	61	38
044	LEON	21	66	1	1	0	7	247	49	30	5	65	48
045	LEON	21	69	1	1	0	7	247	49	30	5	67	48
046	LEON	21	71	1	1	0	7	247	49	30	5	71	50
048	LEON	21	57	1	1	0	7	247	49	30	5	56	47
049	LEON	21	67	1	1	0	7	247	49	30	3	62	39
050	LEON	21	67	1	1	0	7	247	49	30	3	66	48
178	NORF	19	75	1	1	270	4	268	50	28	4	73	47
197	NORF	19	71	2	1	270	4	268	50	28	4	67	45
114	NORF	19	94	2	1	180	3	251	47	26	4	63	28
005	NORF	19	78	2	1	180	4	246	46	27	4	72	48
105	NORF	19	91	3	1	315	7	251	47	26	3	64	33
301	NORF	11	65	2	1	-0	4	239	45	27	3	70	57
305	NORF	11	67	2	1	-0	2	239	45	27	1	67	50
302	NORF	11	67	2	1	-0	3	239	45	27	4	78	70
301	NORF	11	69	2	1	-0	4	239	45	27	1	73	58
421	NORF	11	70	1	1	-0	-0	246	44	26	1	69	49
001	ONA	23	74	1	1	0	7	257	53	34	5	54	42
012	ONA	23	61	1	1	0	7	257	53	34	5	68	62
047	ONA	23	70	1	1	0	7	257	49	30	5	65	43
178	PLUM	23	92	1	1	135	4	247	49	31	3	75	38
179	PLUM	23	92	1	1	90	4	247	49	31	3	73	40
B009	PLUM	23	80	1	1	135	3	254	48	30	5	63	34
180	PLUM	23	92	1	1	0	4	247	49	31	3	80	41
131	RUST	11	74	1	1	135	4	249	50	28	4	74	51
314	RUST	11	77	1	1	-0	2	239	45	27	1	0	0
027	RUST	11	73	2	1	0	7	249	50	28	5	65	36
130	RUST	11	70	2	1	90	4	249	50	28	4	67	36
129	RUST	19	63	1	1	315	7	249	50	28	4	64	47
126	SAWY	11	64	2	1	225	2	251	47	27	4	66	43
127	SAWY	11	76	3	1	225	3	251	47	27	4	71	71
103	SUSQ	11	52	3	1	225	2	246	46	26	4	53	52
104	SUSQ	11	64	3	1	135	7	246	46	26	4	61	45
163	SUSQ	16	64	3	1	45	2	246	46	26	4	59	43
164	SUSQ	16	58	3	1	360	2	246	46	26	4	53	44
105	TIFT	11	81	2	1	270	3	245	45	22	3	52	25
107	TIFT	11	70	2	1	225	3	245	45	22	4	57	35
042	TIFT	11	70	2	1	0	4	268	50	28	5	69	47
040	WAHE	1	74	1	1	90	2	240	40	29	5	70	45
071	WEST	1	72	1	1	0	7	257	52	34	5	66	42
074	WEST	1	71	1	1	0	7	257	52	34	4	61	38
075	WEST	1	73	1	1	0	7	257	52	34	4	69	44
078	WEST	1	70	1	1	0	7	257	52	34	5	70	50
142	WEST	1	71	1	1	-0	-0	248	47	30	5	70	48
159	WEST	1	66	1	1	-0	-0	248	47	30	8	67	51
160	WEST	1	66	1	1	-0	-0	248	47	30	7	64	47
AVG		17	71	1	1	161	4	249	48	29	4	66	45
CVR		41	11	47	0	60	47	3	6	10	35	10	21
MAX		23	98	3	1	360	7	269	53	34	9	85	80
MIN		1	52	1	1	45	2	239	40	22	1	47	25
TOT		128	129	129	129	55	102	126	126	126	129	127	127

CASE, J. M.
LONGLEAF PINE
1961 S. CAROLINA LOWER COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
284	BLAN	4	69	1	1	48	36	256	4	46	66
129	BLAN	4	73	1	1	48	38	269	9	44	67
283	BLAN	4	73	1	1	48	36	256	2	33	62
A178	CARO	2	68	2	1	49	38	265	2	53	71
B178	CARO	2	76	2	1	49	38	265	1	48	75
033	CHAR	2	67	1	1	50	37	286	2	34	55
109	COXV	2	75	1	1	46	31	250	2	65	86
519	COXV	2	71	1	1	45	31	239	1	68	82
199	COXV	2	65	1	1	48	32	237	6	40	58
225	COXV	2	74	1	1	50	36	270	5	32	57
244	COXV	2	83	1	1	47	33	239	2	54	86
246	COXV	2	64	1	1	47	33	239	3	57	69
245	COXV	2	74	1	1	47	33	240	1	58	80
250	COXV	2	72	1	1	47	33	224	6	58	78
179	COXV	1	75	1	1	49	38	265	10	44	70
198	COXV	1	66	1	1	48	32	237	6	43	61
200	COXV	1	77	1	1	48	32	237	2	40	69
365	CRAV	7	68	1	1	47	33	224	6	54	71
090	CRAV	7	69	1	1	50	34	262	1	56	73
224	CRAV	2	69	1	1	49	34	257	8	42	63
227	CRAV	2	67	1	1	48	33	233	6	65	77
261	CRAV	2	64	1	1	47	33	252	3	35	51
048	DUNB	7	77	1	1	47	32	253	1	50	77
449	DUNB	2	79	1	1	48	34	257	3	50	79
020	EDIS	2	77	1	1	50	37	267	1	46	74
216	EDIS	2	75	1	1	50	36	242	5	35	61
275	EULO	2	77	1	1	49	37	261	2	40	70
023	EULO	2	73	1	1	50	37	267	5	42	68
213	EULO	2	75	1	1	50	36	239	1	57	75
215	EULO	2	78	1	1	50	36	242	2	54	78
135	EULO	2	75	1	1	48	38	281	7	53	76
275	EULO	9	72	1	1	49	37	261	3	40	66
152	GOLD	7	65	1	1	48	36	257	2	69	73
003	GOLD	7	70	1	1	47	32	234	1	40	62
125	GOLD	7	78	1	1	48	37	259	7	30	58
137	GOLD	7	70	1	1	48	38	263	11	50	70
264	GOLD	7	70	1	1	48	34	255	4	62	78
351	GOLD	2	73	1	1	47	32	234	2	50	73
447	GOLD	2	85	1	1	46	31	255	1	37	72
498	GOLD	2	74	1	1	47	31	267	2	44	69
271	GOLD	2	70	1	1	49	35	286	5	49	69
002	GOLD	10	72	1	1	47	32	286	3	40	64
181	IZAG	7	61	1	1	48	34	285	4	62	66
020	KIWA	9	71	1	1	50	37	237	2	47	69
034	KIWA	9	66	1	1	50	37	258	6	62	73
164	KIWA	9	62	1	1	50	38	260	1	63	70
A170	KIWA	9	62	1	1	50	38	245	8	44	55
206	KIWA	9	68	1	1	50	35	256	2	58	73
029	KLEJ	10	71	1	1	49	35	259	4	48	70
037	KLEJ	10	65	1	1	48	37	258	1	51	66
102	KLEJ	10	65	1	1	47	32	245	4	55	68
265	KLEJ	10	59	1	1	48	34	256	5	68	67
A140	KLEJ	10	62	1	1	48	37	259	3	49	61
186	KLEJ	10	61	1	1	48	34	258	4	59	66
027	KLEJ	10	62	1	1	50	38	277	1	60	68
106	KLEJ	9	73	1	1	47	32	251	2	54	76
236	KLEJ	9	68	1	1	47	32	245	3	43	63
283	KLEJ	9	72	1	1	48	36	256	3	36	60
292	KLEJ	9	66	1	1	48	36	255	2	55	70
295	KLEJ	9	72	1	1	49	37	258	5	54	74
266	KLEJ	9	66	1	1	48	34	256	5	61	73
217	KLEJ	9	63	1	1	50	35	236	6	62	69
218	KLEJ	9	60	1	1	50	35	236	3	70	71
018	KLEJ	9	65	1	1	47	32	230	1	51	66
259	KLEJ	9	66	1	1	48	34	257	6	65	75
641	KLEJ	9	69	1	1	50	35	247	1	65	78
644	KLEJ	9	66	1	1	51	38	268	3	37	56
130	KLEJ	9	76	1	1	48	38	268	7	43	70
B140	KLEJ	9	59	1	1	47	37	259	7	51	60
204	KLEJ	11	66	1	1	50	35	236	1	46	64
A040	LAKE	11	67	1	1	50	35	233	5	35	55
346	LAKE	11	71	1	1	48	32	251	6	53	73
421	LAKE	11	75	1	1	48	36	253	1	43	69
124	LAKE	11	60	1	1	48	37	260	6	43	56
636	LAKE	11	61	1	1	48	36	258	1	38	52
355	LAKE	11	66	1	1	47	31	253	3	38	56
286	LAKE	11	75	1	1	48	35	254	2	47	73

292	LAKE	11	68	1	1	48	36	255	4	47	66
420	LAKE	11	68	2	1	47	36	252	3	60	75
848	LAKE	10	82	1	1	47	32	252	1	45	77
103	LEON	4	64	1	1	49	38	276	5	48	61
071	LEON	4	52	1	1	48	39	288	5	46	50
151	LEON	4	60	1	1	48	36	258	1	36	53
001	LYNC	7	73	1	1	47	32	233	1	57	78
002	LYNC	7	72	1	1	47	32	234	1	40	64
256	LYNC	7	65	1	1	48	33	253	5	49	64
350	LYNC	7	69	1	1	47	32	251	1	49	68
030	LYNC	2	65	1	1	48	34	257	1	58	70
B040	LYNC	2	78	1	1	46	31	250	2	45	74
194	LYNC	2	73	1	1	47	32	235	5	34	59
292	LYNC	2	73	1	1	48	36	256	3	38	63
440	LYNC	2	70	1	1	47	31	251	1	52	72
029	LYNC	2	67	1	1	49	35	258	2	50	67
186	LYNC	2	64	1	1	48	34	258	1	63	71
190	LYNC	2	58	1	1	46	31	235	3	57	62
193	LYNC	2	69	1	1	47	32	235	9	41	63
240	LYNC	2	75	1	1	50	34	238	1	44	70
241	LYNC	2	72	1	1	50	34	238	7	46	69
496	LYNC	2	72	1	1	46	31	258	2	41	65
497	LYNC	2	68	1	1	46	31	258	2	46	65
498	LYNC	2	65	1	1	46	31	258	1	50	65
530	LYNC	2	69	1	1	45	31	237	5	52	71
287	MYAT	2	71	1	1	48	35	254	4	40	63
421	NORF	7	70	1	1	47	36	252	1	49	69
030	NORF	10	70	1	1	48	34	257	4	58	76
176	NORF	10	69	1	1	49	36	262	5	66	78
281	NORF	10	66	1	1	48	36	255	2	53	68
091	NORF	10	70	1	1	47	33	243	2	56	74
219	ONA	10	65	1	1	50	35	238	1	46	62
131	ONA	10	65	1	1	48	38	268	2	49	64
139	ONA	10	67	1	1	48	37	259	8	41	61
206	ONA	10	65	1	1	50	35	237	2	52	67
451	ONSL	7	66	1	1	47	32	245	5	48	65
136	ONSL	7	66	1	1	48	38	264	2	48	65
008	ONSL	7	70	1	1	50	35	238	1	44	65
A032	PLUM	9	63	1	1	46	31	258	1	64	71
526	PLUM	9	66	1	1	46	30	237	3	60	72
C040	PLUM	9	59	1	1	50	35	233	1	35	48
102	RUTL	10	64	1	1	47	32	246	1	54	67
285	RUTL	9	76	1	1	48	35	254	1	43	71
366	RUTL	9	69	1	1	47	33	225	1	66	79
189	RUTL	9	75	1	1	49	38	264	2	44	70
034	SEAB	9	73	1	1	50	37	286	1	60	80
164	SEAB	9	65	1	1	48	38	287	3	63	72
B170	STJO	11	70	1	1	49	38	285	3	41	63
024	STJO	11	53	1	1	50	37	267	7	46	51
027	STJO	11	57	1	1	50	38	277	4	58	61
221	STJO	11	52	1	1	50	37	265	5	51	53
262	STLU	11	35	1	1	50	35	237	1	56	40
B032	WAND	11	68	1	1	50	38	278	2	52	70
212	WAND	11	70	1	1	50	36	238	1	35	57
090	WAND	11	70	1	1	50	36	262	4	42	64
C032	WAND	11	70	2	1	50	38	278	1	44	66
D032	WAND	11	70	3	1	50	38	278	3	50	70
020	WEST	11	76	1	1	50	37	267	2	39	67
127	WEST	11	65	1	1	48	38	277	10	46	62
023	WEST	2	71	1	1	50	37	267	3	42	65
142	WEST	2	71	1	1	48	38	269	5	48	70
159	WEST	2	66	1	1	48	38	271	8	51	67
160	WEST	2	66	1	1	48	38	271	7	47	64
262	WEST	2	64	1	1	50	35	237	4	34	51
AVG		6	68	1	1	48	35	255	3	49	67
OVR		57	9	23	0	3	7	6	70	19	12
MAX		11	85	3	1	51	39	288	11	70	86
MIN		1	35	1	1	45	30	224	1	30	40
TOT		141	141	141	141	141	141	141	141	141	141

CASE. J. M.
LONGLEAF PINE
S. CAROLINA 1964. SOUTHERN PIEDMONT

ST-SOIL TYPE
SI-SITE INDEX
SL-SLOPE CLASS
EC-EROSION CLASS
SP-SLOPE POSITION
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SL	EC	SP	AP	GP	FF	NT	AG	HT
A 0001	ALAM	1	73	2	1	1	44	29	240	1	38	63
0622	CATA	2	56	2	1	3	43	29	240	5	51	57
0538	CECI	5	75	6	3	2	46	28	235	3	41	68
0407	CHES	4	72	2	1	2	43	29	239	1	66	82
0083	CHES	4	62	3	1	1	46	31	217	3	59	68
0008	CHEW	1	73	1	1	-0	44	29	240	1	59	80
191	GEOR	1	62	2	1	3	46	28	233	2	55	65
0321	GEOR	1	72	4	1	1	43	29	239	3	50	72
0074	GEOR	1	57	2	2	3	43	29	241	4	58	62
0601	GEOR	1	66	2	2	3	46	24	227	1	33	52
0003	GEOR	1	67	2	2	2	44	29	240	1	45	64
0414	GEOR	1	63	4	2	3	44	28	238	1	53	65
0075	GEOR	8	70	3	3	2	44	24	233	1	32	54
0322	GOLD	1	71	4	2	3	43	29	239	5	58	76
0080	GOLD	1	74	4	2	3	44	24	233	1	34	59
B 0001	HERN	1	63	2	1	3	44	29	240	2	49	62
C 0001	HERN	1	71	2	1	2	44	29	240	3	40	63
D 0001	HERN	1	73	2	1	1	44	29	240	1	38	63
E 0001	HERN	1	62	3	1	2	44	29	240	1	53	61
0081	HERN	1	60	4	1	2	44	29	240	1	63	67
0084	HERN	1	66	2	2	3	44	24	233	1	31	50
0407	WORS	2	70	1	1	-0	43	29	239	1	70	82
AVG		2	67	3	2	2	44	28	237	2	49	65
CVR		97	9	45	45	35	2	7	2	70	24	14
MAX		8	75	6	3	3	46	31	241	5	70	82
MIN		1	56	1	1	1	43	24	217	1	31	50
TOT		22	22	22	22	20	22	22	22	22	22	22

CASE, J. M.
LONGLEAF PINE
1961 S. CAROLINA SANDHILLS

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
PS-POSITION ON SLOPE
AP-PRECIPITATION ANNUAL
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER TREES MEASURED
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	PS	AP	GP	FF	NT	AG	HT
432	AMER	10	74	1	1	-0	45	31	251	5	41	67
254	LAKE	11	68	2	1	1	48	33	225	5	44	68
312	LAKE	11	72	2	1	2	47	33	249	5	48	72
253	LAKE	11	62	2	1	2	48	33	225	7	48	62
528	LAKE	11	68	2	1	2	46	30	238	4	37	68
306	LAKE	11	61	2	1	3	44	31	245	7	54	61
227	LAKE	11	66	3	1	2	47	32	247	1	47	66
427	LAKE	11	74	1	1	-0	47	34	250	2	55	74
202	LAKE	11	60	1	1	-0	47	31	230	1	41	60
A237	LAKE	11	66	1	1	-0	48	33	249	2	70	66
239	LAKE	11	70	1	1	-0	50	34	236	1	57	70
354	LAKE	11	79	1	1	-0	47	31	253	1	37	79
421	LAKE	11	64	1	1	-0	48	36	253	1	47	64
004	LAKE	11	66	1	1	-0	47	31	232	5	37	66
033	LAKE	11	74	1	1	-0	45	31	255	1	54	74
B237	LAKE	11	65	1	1	-0	48	33	249	2	69	65
316	LAKE	11	59	1	1	-0	46	33	248	2	61	59
202	LAKE	11	60	1	1	-0	47	31	229	1	41	60
A105	LAKE	11	79	2	1	1	47	32	252	2	64	79
A302	LAKE	11	66	2	1	1	45	32	247	2	58	66
064	LAKE	11	66	2	1	2	42	32	251	2	46	66
310	LAKE	11	73	2	1	2	47	33	249	1	53	73
297	LAKE	11	66	2	1	3	46	32	247	4	56	70
428	LAKE	11	61	3	1	2	47	34	250	3	54	64
044	LAKE	11	72	4	1	2	46	31	249	2	54	76
317	ALLU	-0	72	2	1	3	44	30	242	3	49	71
389	LYNC	7	70	1	1	-0	46	31	233	2	51	71
A102	LYNC	7	71	1	1	-0	47	32	246	1	53	73
099	LYNC	7	69	1	1	-0	47	32	248	3	57	73
A152	LYNC	2	74	1	1	-0	48	33	227	3	43	67
A155	LYNC	2	75	1	1	-0	48	33	226	1	34	61
245	LYNC	2	69	1	1	-0	48	33	240	1	60	75
520	LYNC	2	70	1	1	-0	45	31	240	3	47	68
432	LYNC	2	76	1	1	-0	46	32	249	2	68	84
501	LYNC	2	73	1	1	-0	46	31	258	4	53	75
224	MARL	2	67	1	1	-0	49	34	257	2	44	63
503	NORF	7	74	1	1	-0	44	30	247	3	45	70
525	NORF	7	84	1	1	-0	46	31	258	3	45	79
493	NORF	7	75	2	1	1	46	30	236	1	37	63
301	NORF	7	65	2	1	3	44	30	245	3	57	70
305	NORF	7	67	2	1	1	45	32	247	1	50	67
499	NORF	10	69	1	1	-0	44	31	245	2	50	69
B105	NORF	10	62	2	1	1	46	31	258	1	70	73
B302	NORF	10	67	2	1	1	47	32	251	1	70	78
C302	NORF	10	67	2	1	2	45	32	247	3	68	77
301	NORF	10	69	2	1	3	45	32	247	2	56	73
450	ORAN	10	66	2	1	3	45	31	248	1	37	56
392	ORAN	10	65	2	1	1	47	31	227	2	61	71
B102	PORT	7	68	1	1	-0	47	32	246	1	61	76
194	PORT	7	70	1	1	-0	47	32	235	1	34	57
193	PORT	7	63	1	1	-0	47	32	235	4	38	56
A018	PORT	7	66	1	1	-0	47	32	230	3	55	69
432	PORT	7	74	1	1	-0	46	32	249	1	69	86
099	PORT	7	64	1	1	-0	47	32	248	1	51	65
B155	PORT	1	72	1	1	-0	48	33	226	2	38	62
B152	RAIN	7	64	1	1	-0	48	33	227	1	58	69
314	RUST	7	77	2	2	1	46	33	248	1	64	83
B018	RUTL	9	66	1	1	-0	47	32	230	3	50	66
252	RUTL	9	77	1	1	-0	48	33	225	5	48	76
C155	RUTL	9	75	1	1	-0	48	33	226	1	36	63
143	STOU	7	67	1	1	-0	48	38	273	6	53	69
331	WAHE	2	63	1	1	-0	48	33	230	5	67	72
009	WAHE	2	59	1	1	-0	43	30	244	1	48	58
AVG		8	69	1	1	2	46	32	243	2	52	69
CVR		39	8	44	12	43	3	4	4	66	20	10
MAX		11	84	4	2	3	50	38	273	7	70	86
MIN		1	59	1	1	1	42	30	225	1	34	56
TOT		62	63	63	63	24	63	63	63	63	63	63

CASE, J. M.
LONGLEAF PINE
1961 S. CAROLINA UPPER + MIDDLE PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
PS-POSITION ON SLOPE
AP-PRECIPITATION ANNUAL
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER TREES MEASURED
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	PS	AP	GP	FF	NT	AG	HT
011	DUNB	7	73	1	1	-0	46	31	220	5	53	75
A088	GILE	10	68	1	1	-0	43	29	242	2	56	76
787	GILE	10	62	2	1	2	43	30	243	1	53	64
084	GILE	10	62	2	1	3	46	31	220	5	45	58
046	GILE	10	62	2	1	3	43	28	239	1	59	67
A086	GILE	10	61	3	1	2	46	31	227	2	46	58
B086	GILE	10	60	3	2	2	46	31	227	4	51	61
001	GILE	10	66	1	1	-0	46	31	226	1	48	65
473	GILE	10	73	1	1	-0	46	30	241	3	65	83
B088	GILE	10	60	2	1	1	46	31	220	2	62	67
404	GILE	10	70	2	1	2	43	29	242	3	70	82
023	GILE	10	69	2	1	2	43	30	243	1	48	68
472	GILE	10	67	2	1	-0	46	30	240	3	53	69
475	GILE	10	64	4	1	2	46	30	241	3	67	74
481	GILE	10	73	4	1	3	44	30	242	3	48	72
009	HOFF	10	60	3	1	2	46	31	227	4	51	60
010	HOFF	10	57	3	1	2	46	31	228	3	50	57
377	HOFF	10	53	3	1	2	47	33	217	5	46	51
015	HOFF	10	55	3	2	1	46	31	223	5	54	57
403	HOFF	10	59	3	2	2	43	29	241	4	49	59
406	HOFF	10	52	3	2	2	43	29	241	4	49	52
087	HOFF	10	59	3	2	2	46	31	228	6	46	56
085	HOFF	10	61	4	1	1	46	31	227	8	49	61
A383	HOFF	10	57	4	1	2	46	31	226	2	48	56
080	LAKE	11	59	1	1	-0	46	31	218	9	52	62
C086	LAKE	11	62	1	1	-0	44	30	244	2	52	63
055	LAKE	11	59	1	1	-0	43	28	239	3	52	60
058	LAKE	11	60	1	1	-0	43	28	239	2	71	72
059	LAKE	11	66	1	1	-0	43	28	239	2	53	68
061	LAKE	11	62	1	1	-0	43	28	239	3	57	70
066	LAKE	11	65	1	1	-0	44	30	245	3	43	62
067	LAKE	11	52	1	1	-0	44	30	245	1	58	55
030	LAKE	11	70	1	1	-0	46	31	255	1	38	60
319	LAKE	11	68	1	1	-0	44	30	242	6	54	72
327	LAKE	11	59	1	1	-0	44	31	244	2	43	61
338	LAKE	11	59	1	1	-0	44	30	245	6	57	63
342	LAKE	11	59	1	1	-0	45	31	246	6	46	57
385	LAKE	11	57	1	1	-0	46	31	228	5	44	51
386	LAKE	11	50	1	1	-0	46	31	228	5	38	42
A387	LAKE	11	61	1	1	-0	46	31	232	2	49	60
399	LAKE	11	61	1	1	-0	46	31	255	2	64	69
468	LAKE	11	62	1	1	-0	45	30	234	4	55	66
509	LAKE	11	61	1	1	1	46	31	255	3	55	64
004	LAKE	11	52	2	1	1	47	33	218	1	30	38
524	LAKE	11	66	2	1	1	46	30	236	2	55	67
030	LAKE	11	54	2	1	1	46	31	255	2	44	52
049	LAKE	11	47	2	1	1	43	28	239	2	44	43
031	LAKE	11	47	2	1	1	46	31	255	1	57	51
325	LAKE	11	53	2	1	1	45	30	241	2	35	45
402	LAKE	11	44	2	1	1	43	29	241	3	46	44
410	LAKE	11	50	2	1	1	43	29	241	1	41	46
464	LAKE	11	63	2	1	1	45	30	241	3	54	66
470	LAKE	11	50	2	1	1	46	30	237	3	42	46
471	LAKE	11	63	2	1	1	46	30	237	3	71	74
0381	LAKE	11	52	2	1	1	46	30	232	6	44	49
0382	LAKE	11	45	2	1	1	46	30	232	2	34	36
0017	LAKE	11	62	2	1	2	43	29	243	2	45	58
0045	LAKE	11	62	2	1	2	46	31	249	1	65	70
0062	LAKE	11	52	2	1	2	43	28	239	3	41	48
0326	LAKE	11	63	2	1	2	44	31	244	2	31	47
0328	LAKE	11	59	2	1	2	44	31	244	2	60	64
0374	LAKE	11	59	2	1	2	47	33	218	4	35	48
0375	LAKE	11	55	2	1	2	47	33	218	3	35	44
B0387	LAKE	11	58	2	1	2	46	30	232	2	58	62
0367	LAKE	11	63	2	1	2	45	30	242	3	44	59
0494	LAKE	11	70	2	1	2	43	30	244	1	30	52
0322	LAKE	11	71	2	1	2	44	31	245	6	37	59
0524	LAKE	11	68	2	1	2	46	30	236	2	53	70
0329	LAKE	11	61	2	1	3	43	30	243	5	36	51
0405	LAKE	11	60	2	1	3	43	30	242	3	41	54
0409	LAKE	11	59	2	1	3	43	29	240	3	43	55
0031	LAKE	11	43	3	1	1	46	31	255	1	51	44
6044	LAKE	11	55	3	1	1	43	30	244	2	43	51
0402	LAKE	11	41	3	1	1	43	29	241	1	52	42
0079	LAKE	11	54	3	1	1	46	31	216	8	68	63
0014	LAKE	11	44	3	1	1	46	31	230	5	48	43

0323	LAKE	11	47	3	1	2	44	30	241	3	52	48
A0022	LAKE	11	53	3	1	2	43	29	243	3	55	56
0008	LAKE	11	59	3	1	2	46	31	228	4	55	61
0053	LAKE	11	61	3	1	-0	43	28	239	2	68	71
0051	LAKE	11	62	1	1	-0	43	28	239	3	59	67
0054	LAKE	11	60	1	1	-0	43	28	239	3	54	63
0089	LAKE	11	55	1	1	1	43	30	241	2	55	58
0325	LAKE	11	63	2	1	1	45	30	241	2	31	48
0357	LAKE	11	58	2	1	2	46	31	248	2	50	58
A0317	LAKE	11	67	2	1	1	44	30	242	1	48	66
0005	LAKE	11	85	3	1	1	46	31	223	1	40	75
0079	LAKE	11	60	3	1	2	46	31	216	2	64	68
6040	LAKE	11	77	3	1	3	44	30	246	3	66	88
B0317	LAKE	11	63	3	1	2	44	30	242	2	47	62
0458	RUST	7	74	2	1	1	44	30	245	1	45	71
0379	VAUC	10	56	2	1	1	47	33	217	5	42	50
A0453	VAUC	10	64	2	1	2	44	30	244	2	53	67
0048	VAUC	10	47	3	1	2	43	28	239	2	55	50
0065	VAUC	10	61	3	1	2	44	30	245	2	55	65
6045	VAUC	10	59	3	1	2	43	30	244	3	50	58
B0022	VAUC	10	42	3	2	2	43	29	243	2	48	41
0379	VAUC	7	54	4	1	1	47	33	217	3	48	53
6046	VAUC	7	59	4	1	2	43	30	244	2	52	60
A6047	VAUC	7	60	4	2	1	44	30	245	1	51	61
0013	VAUC	7	54	4	2	1	46	31	225	5	50	54
0307	VAUC	7	57	4	2	1	44	32	246	1	61	63
B6047	VAUC	7	74	4	2	2	44	30	245	3	54	77
6042	VAUC	7	56	4	2	2	43	30	244	4	55	59
0012	VAUC	7	70	4	2	2	46	30	233	2	50	70
C6047	VAUC	7	70	4	2	3	44	30	245	1	54	73
0024	VAUC	7	44	5	3	1	43	30	244	1	67	51
A0318	VAUC	7	44	5	3	1	45	30	241	1	52	45
003	VAUC	7	49	6	2	2	46	31	225	1	32	49
002	VAUC	7	47	6	2	3	46	31	225	2	58	47
A384	VAUC	10	55	2	1	1	46	31	228	4	49	55
313	VAUC	10	53	2	1	1	46	33	247	4	56	53
320	VAUC	10	67	2	1	2	44	30	242	5	34	67
376	VAUC	10	56	2	1	2	47	33	218	4	53	56
B453	VAUC	10	70	2	1	2	44	30	244	1	53	70
323	VAUC	10	54	3	1	2	44	30	241	3	48	54
022	VAUC	10	49	3	1	2	43	29	243	2	43	49
460	VAUC	10	58	3	1	3	45	30	241	1	70	58
B383	VAUC	10	50	4	1	1	46	31	227	3	52	50
050	VAUC	10	53	4	1	1	43	28	239	2	50	53
B384	VAUC	10	59	4	1	2	46	31	228	5	50	59
B318	VAUC	10	53	5	1	1	45	30	245	5	43	53
018	VAUC	10	55	5	1	2	43	30	244	4	45	55
AVG		10	59	2	1	2	45	30	237	3	50	59
CVR		13	14	47	35	38	3	4	4	57	18	17
MAX		11	85	6	3	3	47	33	255	9	71	88
MIN		7	41	1	1	1	43	28	216	1	30	36
TOT		123	123	123	123	97	123	123	123	123	123	123

CASE. J. M.
LONGLEAF PINE
TEXAS 1964: TIMBERLANDS

ST-SOIL TYPE
SC-SLOPE CLASS
TA-THICKNESS A HORIZON
PL-POST LAND USE
WP-PRECIPITATION WARM SEASON
NT-NUMBER TREES
HT-HEIGHT

SI-SITE INDEX
EC-EROSION CLASS
PP-PLOT POSITION
PA-ANNUAL PRECIPITATION
FF-FROST FREE DAYS
AG-AGE
DB-DBH

	ST	SI	SC	EC	TA	PP	PL	PA	WP	FF	NT	AG	HT	DB
0112 BOSW	4	89	2	1	14	3	1	47	24	250	3	39	72	15
0022 BOSW	4	77	4	1	16	2	1	47	24	250	3	37	65	12
A 0009 BOSW	4	69	3	1	7	3	1	47	22	250	2	50	69	11
A 0005 BOWI	4	72	3	1	13	2	1	51	25	245	3	39	63	12
0028 BOWI	8	85	4	1	27	3	1	47	24	250	3	29	61	10
A 0004 CADD	4	81	2	1	20	3	1	45	23	250	3	45	77	14
A 0021 CADD	4	69	2	1	18	4	1	49	22	235	3	59	73	13
B 0009 CADD	4	70	2	1	40	2	1	45	23	250	4	47	68	12
0017 CONR	5	66	2	1	12	2	1	47	23	250	5	47	66	11
B 0004 KIRV	4	78	3	1	11	2	1	53	25	245	3	45	74	13
0018 KIRV	5	59	3	1	10	3	1	47	24	250	2	51	59	11
A 0023 KIRV	8	75	5	1	18	2	1	47	24	250	4	43	67	13
B 0023 KIRV	8	81	4	1	16	4	1	47	24	250	3	45	77	14
0122 LAKE	3	74	5	1	48	2	1	47	25	245	3	33	58	12
0001 LAKE	8	65	5	1	56	2	1	47	25	245	4	54	68	13
0019 LAKE	8	78	1	1	47	3	1	45	23	250	4	44	73	14
B 0021 LAKE	8	73	3	1	45	3	1	47	24	250	3	46	69	14
A 0006 RAINS	4	72	2	1	41	2	1	45	23	250	1	52	73	13
0123 RUST	8	74	5	1	21	2	1	47	25	245	3	35	61	12
0124 RUST	8	74	5	1	26	2	1	47	25	245	4	36	62	12
0031 RUST	8	80	3	1	28	3	2	47	24	250	3	36	66	11
0024 RUST	8	87	3	1	40	3	2	47	24	250	3	35	70	11
C 0004 SAWY	8	73	2	1	36	3	1	45	23	250	3	68	84	15
B 0005 SAWY	8	77	2	1	42	3	1	45	23	250	2	56	81	16
B 0006 SAWY	8	78	2	1	32	3	1	45	23	250	4	56	83	16
0002 SAWY	11	73	1	1	12	2	1	47	22	235	4	62	81	16
0007 SUSQ	4	73	4	1	7	2	1	45	23	250	2	45	71	16
A 0009 ACAD	4	80	1	1	19	5	1	51	25	245	5	39	72	12
B 0009 ACAD	4	83	1	1	19	5	1	51	25	245	4	38	73	12
A 0001 BOWI	4	76	3	1	7	2	1	49	26	265	3	56	80	16
B 0001 BOWI	4	75	2	1	7	3	1	49	26	265	2	60	83	15
0002 BOWI	4	79	3	1	6	3	1	49	26	265	3	52	81	16
0016 BOWI	4	76	2	1	18	3	1	53	25	245	3	51	77	13
A 0011 BOWI	4	74	2	1	12	3	1	53	25	245	4	45	70	10
B 0011 BOWI	4	74	2	1	11	1	1	53	25	245	3	44	70	10
A 0015 BOWI	4	69	2	1	18	3	1	53	25	245	4	49	67	13
0016 BOWI	4	70	2	1	18	3	1	53	25	245	4	40	62	10
0026 BOWI	4	79	2	1	12	2	1	49	24	250	3	46	76	12
0013 BOWI	4	80	1	1	13	2	1	51	26	245	3	40	72	11
A 0108 BOWI	4	72	2	1	12	2	1	47	24	250	5	51	74	14
0101 BOWI	4	83	1	1	17	5	1	51	26	265	4	57	88	15
0006 BOWI	4	82	2	1	17	3	1	53	25	245	3	52	80	12
0007 BOWI	4	80	1	1	14	2	1	51	25	245	4	36	66	13
C 0011 BOWI	4	77	2	1	29	3	1	49	26	265	2	43	71	16
B 0015 BOWI	4	74	2	1	25	3	1	53	25	245	2	47	71	13
0025 BOWI	4	85	2	1	22	3	1	49	24	250	12	44	79	12
0112 BOWI	8	81	1	1	33	5	1	53	25	245	3	42	73	13
B 0108 KLEJ	3	74	1	1	38	5	1	53	25	245	5	44	69	14
0106 KLEJ	3	82	1	1	37	5	1	53	25	245	4	42	74	14
0110 KLEJ	8	80	1	1	72	5	1	53	25	245	4	45	75	11
0003 KLEJ	8	85	1	1	48	5	1	49	24	250	4	50	84	12
AVG	5	76	2	1	24	3	1	49	24	249	3	46	72	13
CVR	39	8	51	0	61	36	19	6	4	3	43	18	10	14
MAX	11	89	5	1	72	5	2	53	26	265	12	68	88	16
MIN	3	59	1	1	6	1	1	45	22	235	1	29	58	10
TOT	51	51	51	51	51	51	51	51	51	51	51	51	51	51

CASE, J. M.
POND PINE
1961 S. CAROLINA LOWER COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
154	CHAR	2	67	1	1	48	37	268	1	30	56
434	COXV	1	70	1	1	48	33	251	1	53	71
107	COXV	1	73	1	1	47	32	252	3	48	72
068	DUNB	2	72	1	1	47	32	253	1	52	73
131	EDIS	2	72	1	1	48	38	268	2	41	68
A111	KIWA	9	68	1	1	48	38	267	6	38	62
118	KIWA	9	52	1	1	48	38	268	4	32	45
A104	KLEJ	10	60	1	1	47	32	245	1	55	61
029	KLEJ	10	65	1	1	49	35	258	2	41	62
028	KLEJ	10	64	1	1	50	38	277	2	30	53
097	KLEJ	10	66	1	1	48	33	253	1	34	57
003	KLEJ	10	64	1	1	47	32	234	1	42	60
261	KLEJ	9	75	1	1	49	36	259	1	55	77
151	LEON	4	60	1	1	48	36	258	2	58	62
001	LYNC	7	70	1	1	47	32	234	1	36	62
029	LYNC	7	61	1	1	49	35	258	1	42	58
190	LYNC	7	65	1	1	46	31	235	1	56	67
193	LYNC	7	70	1	1	47	32	235	1	36	62
270	MYAT	2	90	1	1	49	35	257	1	33	77
028	ONA	10	61	1	1	50	38	277	2	31	52
A114	ONA	10	74	1	1	48	37	260	1	40	69
451	ONSL	7	76	1	1	47	32	245	1	39	70
B114	ONSL	7	75	1	1	48	37	260	1	44	72
B104	PORT	7	71	1	1	47	32	246	1	51	72
350	PORT	7	67	1	1	47	32	251	3	36	61
071	PORT	7	76	1	1	47	32	251	1	32	66
B111	PORT	7	80	1	1	48	37	267	1	34	70
C114	PORT	7	78	1	1	48	37	260	2	43	75
193	PORT	7	73	1	1	47	32	235	1	40	68
069	PORT	1	70	1	1	47	32	251	1	50	70
097		1	58	1	1	48	33	253	3	35	52
031	PLUM	9	81	1	1	49	37	263	1	51	82
D114	PLUM	9	74	1	1	48	37	260	1	42	69
E114	RAIN	2	70	1	1	48	37	260	1	40	65
102	RUTL	10	73	1	1	47	32	246	1	55	75
C104	RUTL	10	66	1	1	47	32	246	2	50	66
F114	RUTL	9	68	1	1	48	37	260	1	41	84
024	STJO	11	57	1	1	50	37	267	5	46	56
221	STJO	11	59	1	1	50	37	265	1	52	60
072	STJO	11	50	1	1	48	39	288	5	46	49
AVG		7	69	1	1	48	35	256	2	43	65
CVP		48	12	0	0	2	7	5	74	19	14
MAX		11	90	1	1	50	39	288	6	58	84
MIN		1	50	1	1	46	31	234	1	30	45
TOT		40	40	40	40	40	40	40	40	40	40

CASE, J. M.
POND PINE
1961 S. CAROLINA UPPER + MIDDLE PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
PS-POSITION ON SLOPE
AP-PRECIPITATION ANNUAL
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER TREES MEASURED
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	PS	AP	GP	FF	NT	AG	HT
017	COXV	2	67	1	1	1	48	33	224	1	42	63
040	LYNC	7	70	1	1	2	46	31	250	1	50	70
107	GRAD	1	73	1	1	-0	47	32	252	3	48	72
A084	IZAG	7	62	1	1	-0	46	31	220	7	42	59
B084	MYAT	7	74	1	1	-0	46	31	220	5	40	69
047	OKEN	1	81	1	1	-0	43	28	239	3	38	74
252	RUTL	9	77	1	1	2	48	33	225	1	46	75
C084	OKEN	1	62	1	1	1	46	31	220	1	42	58
071	PORT	7	78	1	1	-0	47	32	251	1	32	66
229	PORT	7	64	1	1	-0	47	33	250	5	52	64
069	PORT	1	71	1	1	-0	47	32	251	2	50	71
AVG		5	71	1	1	2	46	32	237	3	44	67
CVR		72	9	0	0	38	3	5	6	77	14	9
MAX		9	81	1	1	2	48	33	252	7	52	75
MIN		1	62	1	1	1	43	28	220	1	32	58
TOT		11	11	11	11	4	11	11	11	11	11	11

CASE.JM
SHORTLEAF PINE 1959

SN-SOIL TYPE

SL-POSITION ON SLOPE

AR-ANNUAL RAINFALL

LU-PREVIOUS LAND USE

AG-AGE

TR-NUMBER TREES MEASURED

DU-DENSITY UNDERSTORY

ST-SURFACE THICKNESS

FF-FROST FREE DAYS

WR-RAINFALL WARM SEASON

HT-HEIGHT

DB-DBH (INCHES)

SK-STOCKING

			SN	ST	SL	FF	AR	WR	LU	HT	AG	DB	TR	SK	DU
0149	71	ACAD	1	10	2	252	54	30	1	54	30	11	3	1	3
0029	78	ALMO	1	8	-0	230	48	24	1	73	43	13	3	1	2
0155	76	ALMO	1	5	-0	230	47	24	1	73	46	13	3	2	3
0146	70	ALMO	1	8	-0	237	46	23	1	85	75	16	3	2	2
0130	81	BEAU	5	6	2	245	52	27	1	67	35	11	3	1	3
0096	85	BEAU	5	10	2	237	50	23	2	85	50	13	3	2	3
0112	78	BOWI	5	6	2	252	56	27	1	66	36	10	3	1	2
0080	82	BOWI	5	14	2	237	46	22	1	73	39	13	3	1	2
0077	69	BOWI	2	12	2	230	47	22	1	75	58	13	3	1	2
0072	74	BOWI	2	13	2	230	46	22	1	69	43	12	3	1	1
0064	71	BOWI	3	18	2	230	47	23	1	64	41	13	3	2	2
0122	77	BOSW	5	8	2	230	54	24	1	82	57	15	3	1	2
0076	68	BOSW	5	9	2	237	46	22	1	56	36	13	3	3	2
0165	73	BOSW	5	5	2	230	50	24	1	77	56	17	3	1	2
0192	79	BOSW	5	3	2	237	48	23	1	71	40	13	3	2	2
0083	60	BOSW	4	12	1	237	46	22	1	57	44	13	3	1	3
0192	76	CADD	5	12	-0	230	58	25	1	61	33	12	3	1	3
0020	78	CAHA	3	18	3	230	47	24	1	77	47	13	3	2	2
0130	63	CUTH	2	2	1	237	52	24	1	65	53	12	3	1	2
0001	76	DOUG	2	6	1	230	46	22	1	76	50	14	3	1	3
0017	68	DOUG	2	10	1	230	47	24	2	52	30	10	3	1	3
0114	82	EUST	6	24	2	230	49	23	2	87	56	16	3	1	3
0085	81	EUST	6	18	2	230	48	24	1	67	34	12	3	2	2
0108	64	GORE	1	3	2	252	56	27	1	70	59	13	3	1	2
0157	59	GORE	5	4	2	230	54	26	1	57	46	13	3	3	3
0047	71	GORE	5	5	2	230	54	26	1	64	41	12	3	3	3
0089	84	KALM	2	22	2	230	48	23	1	76	40	14	3	2	2
0077	85	KALM	2	10	2	237	46	22	1	68	32	12	3	2	2
0176	75	KIRV	2	8	1	230	46	22	2	63	36	11	3	1	3
0207	68	KIRV	4	6	2	230	47	24	1	61	41	11	3	2	2
0140	71	KIRV	4	8	2	230	47	24	1	73	53	12	3	1	3
0116	77	LAKE	6	-0	1	237	48	23	1	72	43	17	3	2	3
0193	82	LAKE	6	16	2	237	48	23	1	77	43	13	3	1	3
0064	72	LAKE	7	-0	1	237	48	23	1	65	41	14	3	2	3
0063	68	LAKE	7	-0	1	237	48	23	1	77	63	15	3	1	3
0139	70	LAKE	7	8	2	230	47	24	1	70	49	12	3	2	2
0073	60	LAKE	7	-0	1	237	48	23	1	56	43	13	3	2	3
0187	78	LEXI	1	6	2	230	58	25	1	60	30	11	3	1	3
0186	73	LEXI	1	5	2	230	58	25	1	51	26	11	3	1	3
0103	77	LUVE	4	10	2	230	50	23	2	76	49	13	3	1	3
0105	75	LUVE	4	8	1	230	50	23	2	71	45	14	3	1	3
0111	84	MYAT	3	24	-0	230	50	23	1	73	38	13	3	1	2
0142	69	NACO	4	6	2	230	47	24	1	67	49	13	3	2	2
0069	56	NATC	9	4	2	237	48	23	1	50	40	10	3	2	2
A079	74	NORF	3	12	2	230	47	23	1	71	46	11	3	1	2
0200	82	NORF	3	18	2	245	50	26	1	76	42	14	3	3	3
0216	79	OORA	2	8	2	230	47	24	2	88	61	14	2	1	3
0143	82	OORA	2	6	2	230	47	24	1	82	50	14	3	1	3
0042	76	ORAN	3	9	2	230	54	25	1	79	55	12	3	1	1
0184	68	PROV	1	5	2	230	58	25	1	59	42	12	4	2	3
0215	88	RUST	2	6	2	230	47	24	2	98	63	14	2	2	3
0149	82	RUST	2	12	2	230	47	24	2	82	49	14	3	1	2
0038	83	RUST	2	18	2	230	48	24	2	84	51	14	3	1	2
0172	84	RUST	2	5	1	230	50	24	1	80	46	13	4	1	2
0193	77	RUST	2	6	2	230	58	25	1	66	38	13	3	1	3
0150	77	RUST	2	12	2	230	47	24	1	74	46	13	4	1	2
0101	82	RUST	2	8	2	230	50	23	1	70	36	13	3	1	3
0084	82	RUST	3	12	2	230	48	24	1	66	33	11	3	1	3
0040	68	RUST	3	11	1	230	54	25	1	69	52	12	3	1	3
0036	81	RUST	3	10	2	230	54	25	1	78	46	14	3	2	2
0075	86	RUST	3	15	2	230	46	22	1	73	36	12	3	1	1
0214	91	RUST	3	16	2	230	47	24	2	95	54	15	2	1	3
0194	71	RUST	3	12	2	245	50	26	1	67	44	11	3	1	3
0062	73	RUST	6	5	3	237	48	23	1	85	70	16	3	1	3
A071	88	RUST	6	5	2	237	48	24	2	68	31	13	3	2	3
0203	77	RUST	6	24	2	230	48	24	1	74	46	15	3	1	3
0205	79	RUST	6	22	2	230	48	24	1	63	32	-0	3	-0	-0
0026	87	SABE	1	12	-0	230	47	24	1	87	48	14	4	2	3
0148	71	SAVA	2	7	2	230	47	24	2	72	51	14	3	1	2
0065	70	SAWY	5	12	2	230	47	23	1	67	45	13	2	2	2
0161	83	SAWY	5	6	1	230	52	24	1	68	34	12	3	2	3
0081	83	SHUB	5	8	2	237	46	22	2	68	34	12	3	2	3
B079	84	SHUB	5	10	3	237	46	22	1	76	41	13	1	1	2
0068	72	SHUB	2	14	2	230	47	23	1	65	41	13	4	2	2

0012	72	SHUB	2	8	1	230	47	24	1	67	44	14	1	2	3
0090	74	SHUB	2	10	2	230	50	23	2	72	47	13	3	1	3
0211	75	SHUB	2	5	2	237	48	23	2	59	32	13	3	2	3
0210	80	SHUB	2	4	2	230	47	24	2	65	33	12	3	2	3
0047	75	SHUB	2	8	3	230	49	24	1	59	32	13	2	2	4
0088	81	SHUB	2	4	3	230	50	23	2	80	49	16	3	1	3
0010	75	SHUB	2	6	2	230	47	24	1	75	50	12	3	1	3
0008	78	SHUB	2	6	2	230	47	24	2	69	39	13	3	1	3
0098	81	SHUB	2	10	2	230	50	23	2	85	55	16	3	-0	-0
0208	68	SHUB	2	6	2	237	47	24	1	60	41	11	3	2	2
0217	73	SHUB	2	8	2	230	47	24	2	81	61	13	4	1	3
0209	82	SHUB	2	6	2	230	47	24	2	81	48	13	3	2	3
0109	67	SHUB	3	13	2	230	50	24	1	72	57	13	3	1	3
0071	78	SHUB	3	12	2	230	46	22	1	73	44	12	3	1	1
0032	60	SHUB	4	10	1	230	48	24	1	55	41	13	1	2	2
0049	69	SHUB	4	8	1	230	49	24	1	55	33	13	3	2	3
0030	59	SHUB	4	10	2	230	48	24	1	66	61	12	2	1	2
0185	76	SHUB	4	6	2	230	47	24	1	63	35	14	3	1	2
0187	70	SHUB	4	8	2	230	47	24	1	65	43	11	3	1	2
0186	64	SHUB	4	8	2	230	47	24	1	65	51	12	3	1	2
0093	69	SHUB	4	10	1	230	50	23	2	64	43	13	3	1	3
0043	61	SHUB	4	24	1	230	49	24	1	61	50	13	2	1	2
0035	61	SHUB	4	10	1	230	48	24	1	58	45	12	2	1	3
0024	73	SUMM	1	4	2	230	56	25	1	69	45	12	3	1	2
0123	84	SUMM	5	10	2	230	54	24	1	79	44	17	3	1	2
0168	78	SUMM	5	5	2	237	52	24	1	73	43	13	3	2	2
0086	71	SUMM	5	12	-0	230	46	22	1	64	41	11	1	1	2
0069	80	SUMM	5	12	-0	230	47	23	1	80	49	13	3	1	2
0117	44	SUMT	9	6	2	230	52	25	1	46	54	10	3	3	4
0117	44	SUMT	9	6	2	230	52	25	1	46	54	10	3	3	4
0090	49	SUMT	9	4	2	237	52	25	1	46	43	12	2	3	4
0134	70	SUSQ	5	2	2	237	50	23	1	74	55	15	3	1	3
0197	58	SUSQ	5	1	2	230	46	22	1	56	46	11	3	1	3
0179	57	SUSQ	5	3	1	230	46	22	1	43	29	12	3	2	3
0205	67	SUSQ	5	3	2	230	52	26	1	56	36	13	3	3	4
0212	57	SUSQ	2	5	2	237	48	23	1	53	43	13	3	2	2
0198	69	SUSQ	2	4	2	237	46	22	1	57	35	10	3	2	2
0067	60	SUSQ	2	12	2	230	47	23	1	57	44	12	3	2	2
0163	62	VOID	9	3	2	230	52	24	1	63	51	12	3	2	2
0056	73	VAYC	3	16	2	230	48	24	1	79	58	15	4	1	2
0053	69	VAYC	3	10	2	230	48	24	1	53	31	11	3	2	3
0159	64	WRIG	1	6	-0	230	47	23	1	61	45	12	4	2	3
AVG			4	9	2	232	49	24	1	69	45	13	3	2	3
CVR			54	56	25	2	6	5	33	15	21	12	18	42	25
MAX			9	26	3	252	58	30	2	98	75	17	4	3	4
MIN			1	1	1	230	46	22	1	43	26	10	1	1	1
TOT			116	112	107	116	116	116	116	116	116	115	116	114	114

CASE. J. M.
SHORTLEAF PINE
ARK. 1959

STYP-SOIL TYPE
SI-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
A015	ALMO	1	65	1	1	-0	-0	233	51	32	4	60	46
002	AMIT	1	73	2	1	-0	-0	233	51	32	4	76	55
A016	AMIT	2	75	2	1	180	1	229	52	35	2	75	52
008	AMIT	3	81	2	1	90	1	229	52	35	2	82	52
020	BOSW	2	75	2	2	315	2	226	44	29	5	76	51
023	BOSW	2	74	3	2	90	2	236	48	29	2	76	52
041	BOSW	2	79	2	1	360	2	225	52	33	3	60	31
037	BOSW	2	61	3	1	-0	2	225	52	33	4	65	59
036	BOSW	4	68	2	1	-0	2	225	52	33	4	69	54
A018	BOSW	4	68	2	2	180	2	226	44	29	5	54	33
011	BOWI	2	87	2	1	270	1	236	48	29	2	74	37
008	BOWI	2	74	2	1	180	1	224	50	30	2	58	32
B016	BOWI	5	81	2	2	180	2	226	44	29	5	86	56
005	BOWI	6	75	3	3	360	1	229	51	33	2	63	35
C016	BOWI	6	74	3	2	90	3	224	50	30	2	65	39
007	BOWI	6	77	4	2	360	2	241	48	31	2	75	47
A033	CADD	5	72	1	1	-0	-0	225	52	33	4	73	51
006	CADD	5	80	1	1	135	2	225	52	33	3	85	56
B033	CADD	5	70	1	1	-0	2	224	50	30	3	68	48
024	DOUG	2	75	2	2	180	1	226	44	29	4	65	38
017	EUST	6	77	2	1	360	3	224	50	30	3	79	52
009	EUST	7	72	2	1	315	3	229	52	35	2	60	32
010	EUST	7	74	2	1	360	1	241	51	31	2	59	33
004	EUST	7	72	6	1	45	2	241	51	31	2	72	50
038	KIRV	2	72	3	1	180	1	217	52	32	4	83	68
040	KIRV	2	83	5	1	90	1	224	50	30	2	70	38
045	KIRV	2	75	3	1	270	-0	224	50	30	2	64	38
002	LAKE	7	68	5	1	180	1	236	48	29	2	74	60
A006	LAKE	7	67	3	1	360	1	236	48	29	2	58	39
018	LAKE	7	69	3	1	270	1	236	48	29	2	66	45
014	LAKE	7	79	4	1	90	3	224	50	30	2	74	43
041	LAKE	7	62	5	1	270	1	224	50	30	2	62	52
007	MYAT	5	75	1	1	180	2	225	52	33	3	66	40
026	MYAT	1	77	1	1	-0	-0	224	50	30	2	67	39
029	MYAT	1	77	1	1	-0	-0	224	50	30	3	84	60
B015	NORF	2	79	6	1	90	3	229	52	35	2	68	38
A042	NORF	2	80	3	1	270	3	224	50	30	2	72	40
031	NORF	2	78	2	1	270	3	224	50	30	2	60	31
008	NORF	3	84	2	1	225	1	224	50	30	2	69	34
B006	NORF	3	80	1	1	360	3	224	50	30	2	62	31
B042	NORF	3	72	2	1	-0	1	217	53	35	4	83	67
052	PHEB	2	74	1	1	-0	-0	241	46	30	2	78	57
019	PHEB	5	83	1	1	-0	-0	225	52	33	2	86	55
C015	PHEB	5	81	1	1	-0	3	217	49	31	2	74	42
026	PREN	5	74	2	1	90	2	225	52	33	2	71	48
040	PREN	5	80	3	1	-0	2	225	52	33	3	95	71
028	PREN	5	76	1	1	-0	-0	224	50	30	2	63	36
012	REDB	2	87	2	1	360	1	226	44	29	2	76	39
022	REDB	2	91	2	2	180	2	226	44	29	4	82	41
013	RUST	2	84	2	2	-0	1	225	52	33	4	87	53
034	RUST	2	77	2	1	-0	2	225	52	33	4	79	53
D015	RUST	2	77	4	2	270	3	231	52	33	5	84	61
030	RUST	2	70	3	1	90	1	224	50	30	2	57	35
E015	RUST	7	73	2	2	270	1	224	50	30	2	56	31
002	RUST	7	75	4	2	225	1	241	52	31	2	63	35
022	RUST	7	80	2	1	270	3	224	50	30	3	63	31
007	SAFF	2	66	2	1	-0	1	219	46	29	4	66	50
008	SAFF	2	76	2	2	135	1	219	46	29	5	78	54
009	SAFF	2	77	3	2	270	1	219	46	29	4	77	50
010	SAFF	2	72	2	1	-0	1	219	46	29	4	81	62
022	SAFF	2	73	2	1	-0	1	219	46	29	4	71	48
013	SAFF	4	68	5	1	-0	1	219	46	29	4	65	46
014	SAFF	4	65	3	2	-0	1	219	46	29	6	63	47
F015	SAFF	4	69	3	1	-0	1	219	46	29	4	62	41
B018	SAFF	4	67	2	2	-0	1	219	46	29	7	68	50
019	SAFF	4	70	5	1	-0	1	219	46	29	5	72	52
C016	SAFF	4	79	5	1	360	3	219	46	29	4	80	52
017	SAFF	4	80	5	1	270	3	219	46	29	5	81	51
021	SAFF	4	87	5	1	270	3	219	46	29	4	83	44
005	SAVA	2	79	2	1	-0	-0	233	51	32	4	85	58
018	SAVA	2	78	3	1	360	1	217	49	31	2	79	51
A032	SAVA	2	71	2	1	-0	1	225	52	33	4	77	62
B032	SAVA	2	77	2	1	360	3	225	52	33	4	77	50
014	SAVA	2	82	2	1	270	1	223	47	30	3	85	55
043	SAVA	2	70	4	2	360	3	224	50	30	2	61	37

047	SAVA	5	70	2	1	270	1	224	50	30	2	67	53
019	SAWY	2	82	2	1	360	3	217	49	31	4	85	55
021	SAWY	2	77	4	1	360	2	217	49	31	5	81	53
040	SAWY	2	76	3	1	225	2	217	53	35	4	88	70
C018	SAWY	2	78	2	1	270	2	233	51	32	2	87	62
017	SAWY	2	71	2	2	270	2	233	51	32	2	67	45
007	SAWY	2	77	2	2	-0	-0	233	51	32	4	80	53
049	SAWY	2	71	1	1	-0	-0	241	46	30	2	65	42
017	SAWY	5	77	2	1	360	3	217	49	31	2	74	47
028	SHUB	2	73	3	1	180	1	217	53	32	2	75	52
011	SHUB	2	73	3	2	360	3	223	46	31	1	63	38
051	SHUB	2	70	2	1	-0	1	241	46	30	2	63	41
060	SHUB	2	70	3	1	180	2	241	46	30	2	68	48
062	SHUB	2	75	4	1	360	2	241	46	30	4	76	51
024	SHUB	2	64	3	1	180	1	224	50	30	2	62	51
019	STOU	2	82	2	2	180	1	226	44	29	4	64	30
016	STOU	2	81	2	2	270	2	231	52	33	3	78	45
011	STOU	2	76	1	1	-0	-0	225	52	33	4	76	49
033	STOU	5	76	1	1	180	1	217	53	35	2	73	48
D018	STOU	5	71	1	1	-0	3	224	50	30	2	69	48
021	STOU	5	70	1	1	-0	-0	224	50	30	2	72	52
031	STOU	5	74	2	1	360	1	225	52	33	4	58	32
G015	SUSQ	5	61	2	1	90	2	217	50	32	2	69	64
013	SUSQ	5	62	2	1	180	2	217	50	32	2	61	47
004	SUSQ	5	68	2	1	90	2	225	52	33	2	82	75
002	SUSQ	5	71	4	1	315	2	225	52	33	4	70	49
009	TILD	2	81	2	1	360	1	225	52	32	4	74	42
039	WILC	8	71	2	1	90	2	225	52	33	3	68	47
C042	WILC	8	70	1	1	180	2	225	52	33	3	72	54
001	WRIG	8	60	1	1	-0	-0	233	51	32	4	68	64
014	WRIG	8	52	1	1	-0	-0	233	51	32	4	52	49
030	WRIG	1	68	1	1	-0	-0	236	48	29	2	72	55
029	WRIG	1	72	1	1	-0	-0	236	48	29	2	79	60
AVG		4	74	2	1	239	2	226	49	31	3	72	48
CVR		56	9	50	36	41	45	3	5	6	39	12	21
MAX		8	91	6	3	360	3	241	53	35	7	95	75
MIN		1	52	1	1	45	1	217	44	29	1	52	30
TOT		108	108	108	108	72	90	108	108	108	108	108	108

CASE, J. M.
SHORTLEAF PINE
ARK. 1959

STYP-SOIL TYPE
SI-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
A015	ALMO	1	65	1	1	-0	-0	233	51	32	4	60	46
002	AMIT	1	73	2	1	-0	-0	233	51	32	4	76	55
A016	AMIT	2	75	2	1	180	1	229	52	35	2	75	52
008	AMIT	3	81	2	1	90	1	229	52	35	2	82	52
020	BOSW	2	75	2	2	315	2	226	44	29	5	76	51
023	BOSW	2	74	3	2	90	2	236	48	29	2	76	52
041	BOSW	2	79	2	1	360	2	225	52	33	3	60	31
037	BOSW	2	61	3	1	-0	2	225	52	33	4	65	59
036	BOSW	2	68	2	1	-0	2	225	52	33	4	69	54
A018	BOSW	4	68	2	2	180	2	226	44	29	5	54	33
011	BOWI	2	87	2	1	270	1	236	48	29	2	74	37
008	BOWI	2	74	2	1	180	1	224	50	30	2	58	32
B016	BOWI	5	81	2	2	180	2	226	44	29	5	86	56
005	BOWI	5	75	3	3	360	1	229	51	33	2	63	35
C016	BOWI	5	74	3	2	90	3	224	50	30	2	65	39
007	BOWI	6	77	4	2	360	2	241	49	31	2	75	47
A033	CADD	5	72	1	1	-0	-0	225	52	33	4	73	51
006	CADD	5	80	1	1	135	2	225	52	33	3	85	56
B033	CADD	5	70	1	1	-0	2	224	50	30	3	68	48
024	DOUG	2	75	2	2	180	1	226	44	29	4	65	38
017	FUST	6	77	2	1	360	3	224	50	30	3	79	52
009	FUST	7	72	2	1	315	3	229	52	35	2	60	32
010	FUST	7	74	2	1	360	1	241	51	31	2	59	33
004	FUST	7	72	6	1	45	2	241	51	31	2	72	50
038	KTRV	2	72	3	1	180	1	217	52	32	4	83	68
040	KTRV	2	83	5	1	90	1	224	50	30	2	70	38
045	KTRV	2	75	3	1	270	-0	224	50	30	2	64	38
002	LAKE	7	68	5	1	180	1	236	48	29	2	74	60
A006	LAKE	7	67	3	1	360	1	236	48	29	2	58	39
018	LAKE	7	69	3	1	270	1	236	48	29	2	66	45
014	LAKE	7	79	4	1	90	3	224	50	30	2	74	43
041	LAKE	7	62	5	1	270	1	224	50	30	2	62	52
007	MYAT	5	75	1	1	180	2	225	52	33	3	66	40
026	MYAT	1	77	1	1	-0	-0	224	50	30	2	67	39
029	MYAT	1	77	1	1	-0	-0	224	50	30	3	84	60
B015	NORF	2	79	6	1	90	3	229	52	35	2	68	38
A042	NORF	2	80	3	1	270	3	224	50	30	2	72	40
031	NORF	2	78	2	1	270	3	224	50	30	2	60	31
008	NORF	3	84	2	1	225	1	224	50	30	2	69	34
B006	NORF	3	80	1	1	360	3	224	50	30	2	62	31
B042	NORF	3	72	2	1	-0	1	217	53	35	4	83	67
042	PHER	2	74	1	1	-0	-0	241	46	30	2	78	57
019	PHER	5	83	1	1	-0	-0	225	52	33	2	86	55
C015	PHER	5	81	1	1	-0	3	217	49	31	2	74	42
026	PREN	5	74	2	1	90	2	225	52	33	2	71	48
040	PREN	5	80	3	1	-0	2	225	52	33	3	95	71
028	PREN	5	76	1	1	-0	-0	224	50	30	2	63	36
012	REDB	2	87	2	1	360	1	226	44	29	2	76	39
022	REDB	2	91	2	2	180	2	226	44	29	4	82	41
013	RUST	2	84	2	2	-0	1	225	52	33	4	87	53
034	RUST	2	77	2	1	-0	2	225	52	33	4	79	53
D015	RUST	2	77	4	2	270	3	231	52	33	5	84	61
030	RUST	2	70	3	1	90	1	224	50	30	2	57	35
E015	RUST	7	73	2	2	270	1	224	50	30	2	56	31
002	RUST	7	75	4	2	225	1	241	52	31	2	63	35
032	RUST	7	80	2	1	270	3	224	50	30	3	63	31
007	SAFF	2	66	2	1	-0	1	219	46	29	4	66	50
008	SAFF	2	76	2	2	135	1	219	46	29	5	78	54
009	SAFF	2	77	3	2	270	1	219	46	29	4	77	50
010	SAFF	2	72	2	1	-0	1	219	46	29	4	81	62
022	SAFF	2	73	2	1	-0	1	219	46	29	4	71	48
013	SAFF	4	68	5	1	-0	1	219	46	29	4	65	46
014	SAFF	4	65	3	2	-0	1	219	46	29	6	63	47
F015	SAFF	4	69	3	1	-0	1	219	46	29	4	62	41
B018	SAFF	4	67	2	2	-0	1	219	46	29	7	68	50
019	SAFF	4	70	5	1	-0	1	219	46	29	5	72	52
C016	SAFF	4	79	5	1	360	3	219	46	29	4	80	52
017	SAFF	4	80	5	1	270	3	219	46	29	5	81	51
021	SAFF	4	87	5	1	270	3	219	46	29	4	83	44
005	SAVA	2	79	2	1	-0	-0	233	51	32	4	85	58
018	SAVA	2	78	3	1	360	1	217	49	31	2	79	51
A032	SAVA	2	71	2	1	-0	1	225	52	33	4	77	62
B032	SAVA	2	77	2	1	360	3	225	52	33	4	77	50
014	SAVA	2	82	2	1	270	1	223	47	30	3	85	55
043	SAVA	2	70	4	2	360	3	224	50	30	2	61	37

047	SAVA	5	70	2	1	270	1	224	50	30	2	67	53
019	SAWY	2	82	2	1	360	3	217	49	31	4	85	55
021	SAWY	2	77	4	1	360	2	217	49	31	5	81	53
040	SAWY	2	76	3	1	225	2	217	53	35	4	88	70
C018	SAWY	2	78	2	1	270	2	233	51	32	2	87	62
017	SAWY	2	71	2	2	270	2	233	51	32	2	67	45
067	SAWY	2	77	2	2	-0	-0	233	51	32	4	80	53
049	SAWY	2	71	1	1	-0	-0	241	46	30	2	65	42
017	SAWY	5	77	2	1	360	3	217	49	31	2	74	47
028	SHOR	2	73	3	1	180	1	217	53	32	2	75	52
011	SHOR	2	73	3	2	360	3	223	46	31	1	63	38
051	SHOR	2	70	2	1	-0	1	241	46	30	2	63	41
040	SHOR	2	70	3	1	180	2	241	46	30	2	68	48
062	SHOR	2	75	4	1	360	2	241	46	30	4	76	51
024	SHOR	2	64	3	1	180	1	224	50	30	2	62	51
019	STOU	2	82	2	2	180	1	226	44	29	4	64	30
016	STOU	2	81	2	2	270	2	231	52	33	3	78	45
011	STOU	2	76	1	1	-0	-0	225	52	33	4	76	49
033	STOU	5	76	1	1	180	1	217	53	35	2	73	48
D018	STOU	5	71	1	1	-0	3	224	50	30	2	69	48
021	STOU	5	70	1	1	-0	-0	224	50	30	2	72	52
031	STOU	5	74	2	1	360	1	225	52	33	4	58	32
G015	SUSO	5	61	2	1	90	2	217	50	32	2	69	64
013	SUSO	5	62	2	1	180	2	217	50	32	2	61	47
004	SUSO	5	68	2	1	90	2	225	52	33	2	82	75
002	SUSO	5	71	4	1	315	2	225	52	33	4	70	49
009	TTLO	2	81	2	1	360	1	225	52	32	4	74	42
039	WTLC	8	71	2	1	90	2	225	52	33	3	68	47
C042	WTLC	8	70	1	1	180	2	225	52	33	3	72	54
001	WRIG	8	60	1	1	-0	-0	233	51	32	4	68	64
014	WRIG	8	52	1	1	-0	-0	233	51	32	4	52	49
030	WRIG	1	68	1	1	-0	-0	236	48	29	2	72	55
029	WRIG	1	72	1	1	-0	-0	236	48	29	2	79	60
AVG		4	74	2	1	239	2	226	49	31	3	72	48
CVR		56	9	50	36	41	45	3	5	6	39	12	21
MAX		8	91	6	3	360	3	241	53	35	7	95	75
MIN		1	52	1	1	45	1	217	44	29	1	52	30
TOT		108	108	108	108	72	90	108	108	108	108	108	108

CASE, J. M.
SHORTLEAF
GA. 1961 COASTAL PLAIN

STYP-SOIL TYPE
SI-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
069	BOSW	11	64	2	2	315	3	225	49	25	3	52	34
153	FUST	19	62	1	1	-0	7	249	50	28	3	53	33
079	GILE	19	77	2	2	45	2	225	49	25	3	62	33
065	GREE	11	64	2	2	135	2	225	49	25	4	58	44
706	GREE	12	77	3	3	270	2	242	50	26	5	60	31
018	GREE	12	78	2	3	225	2	220	45	25	5	55	25
066	HEND	24	70	3	2	90	3	242	50	26	5	59	36
A067	HEND	24	70	4	2	315	3	242	50	26	4	60	37
A060	HOFF	11	62	2	2	225	2	225	49	25	3	54	47
061	LAKE	23	92	4	1	225	4	242	50	25	4	61	23
317	ALLU	-0	67	2	1	-0	-0	247	43	28	2	63	45
039	MAGN	11	75	1	1	315	4	249	50	28	4	61	35
063	MAGN	11	76	2	1	315	2	225	48	25	4	56	28
055	ORAN	11	81	2	1	135	7	242	50	26	5	59	27
B067	ORAN	11	80	3	3	180	3	225	49	25	4	58	27
B060	VAUC	11	73	2	1	135	2	242	50	25	3	56	31
021	VAUC	19	70	3	2	180	2	220	45	25	5	58	35
AVG		15	72	2	2	207	3	235	49	26	4	58	34
CVR		35	13	37	43	43	53	5	4	4	24	6	20
MAX		24	92	4	3	315	7	249	50	28	5	63	47
MIN		11	52	1	1	45	2	220	43	25	2	52	23
TOT		16	17	17	17	15	16	17	17	17	17	17	17

CASE. J. M.
SHORTLEAF PINE
GA. 1961 LIMESTONE MT.

STYP-SOIL TYPE
SI-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
A118	ALLU	-0	91	1	1	45	5	214	59	32	5	69	35
099	APIS	1	74	2	2	315	2	202	54	28	2	59	37
007	APIS	1	68	5	3	225	3	192	54	27	3	63	42
116	APIS	2	68	5	3	45	4	192	54	27	1	47	27
100	ARMU	3	52	4	5	45	4	213	54	29	1	45	38
074	BALF	9	84	4	1	45	2	192	54	27	4	50	25
072	BALF	9	55	5	1	225	3	192	54	27	3	54	52
073	BALF	9	60	5	1	225	4	192	54	27	6	39	28
075	BALF	9	46	6	1	45	3	192	54	27	4	41	38
A038	BRAD	1	52	3	2	225	5	214	59	32	5	64	80
B038	BRAD	1	72	3	2	135	5	214	59	32	5	73	51
186	BRAD	1	80	6	1	135	5	209	60	32	5	86	57
150	CHAN	5	52	6	1	135	2	214	59	32	5	67	91
002	CLAR	10	66	5	3	315	3	192	54	27	2	50	33
006	CLAR	10	69	5	5	45	3	192	54	27	3	58	37
106	COLB	4	73	2	1	135	2	202	54	28	1	82	65
110	COLB	4	78	2	1	-0	3	202	54	28	2	64	35
148	ENDE	6	71	2	1	180	2	201	54	27	6	71	50
A036	FANN	1	50	4	1	90	1	214	59	32	5	63	83
B118	FANN	1	48	4	1	90	1	214	59	32	5	53	64
B036	FANN	1	48	4	1	90	1	214	59	32	5	60	91
024	FANN	1	60	4	2	315	-0	201	59	31	1	60	52
C118	FANN	1	54	4	2	90	1	214	59	32	5	47	38
024	FANN	5	75	2	2	-0	2	213	59	29	1	52	25
740	FANN	5	61	3	1	-0	2	203	60	34	3	52	37
743	FANN	5	67	3	1	-0	2	203	60	34	1	66	49
042	FANN	5	70	4	1	135	2	191	71	36	1	60	38
044	FANN	5	72	4	1	135	2	191	71	36	1	60	37
045	FANN	5	70	4	1	135	2	191	71	36	1	62	41
739	FANN	5	78	4	1	-0	2	203	60	34	3	73	44
742	FANN	5	56	4	1	-0	2	203	60	34	2	59	54
083	FANN	5	70	5	2	135	4	203	60	34	46	55	73
037	FANN	13	86	5	3	255	4	191	71	36	1	97	65
093	GREE	4	64	2	1	135	2	217	54	29	3	53	34
039	HABE	1	57	3	1	45	2	214	59	32	2	41	24
054	HABE	1	65	3	1	225	2	214	59	32	1	56	38
057	HABE	1	60	3	1	225	2	214	59	32	1	45	31
C038	HABE	1	45	3	1	135	1	214	59	32	5	49	74
120	HABE	1	52	3	2	-0	1	214	59	32	5	54	58
052	HABE	1	62	4	1	225	4	214	59	32	1	70	63
040	HABE	8	62	4	1	225	3	214	59	32	1	61	48
032	HABE	8	80	5	1	-0	3	214	59	32	1	70	34
041	HABE	8	70	5	1	225	3	191	71	36	1	57	35
042	HABE	8	72	5	1	135	3	191	71	36	1	78	61
060	HABE	8	80	5	1	135	3	191	71	36	1	72	47
D038	HABE	8	48	5	1	180	4	214	59	32	5	61	83
A769	HALE	1	75	3	1	-0	2	195	67	35	2	78	54
114	HALE	1	58	4	1	135	1	214	59	32	5	58	49
B769	HALE	1	67	4	1	-0	2	195	67	35	2	75	63
002	HALE	1	60	4	2	-0	3	195	67	35	1	71	67
735	HALE	1	80	6	1	-0	3	195	67	35	1	88	56
735	HALE	1	72	6	1	-0	4	195	67	35	1	79	61
116	HALE	1	62	6	1	135	3	214	59	32	5	65	55
178	HALE	1	56	6	1	45	2	214	59	32	5	66	59
007	HALE	4	51	2	2	-0	2	203	60	34	1	40	30
738	HALE	12	79	5	3	-0	4	195	67	35	1	66	37
738	HALE	12	80	6	3	-0	4	195	67	35	1	69	37
013	HALE	12	53	3	3	-0	2	195	67	35	1	53	48
008	HART	1	70	-0	-0	225	-0	213	54	29	3	70	50
904	HART	1	64	2	1	360	2	201	54	27	6	49	28
905	HART	1	55	2	1	360	2	201	54	27	6	55	49
194	HART	1	53	2	1	360	2	201	54	27	6	51	45
187	HART	1	72	3	2	45	2	201	54	27	4	55	28
193	HART	1	53	3	1	180	2	201	54	27	6	51	45
098	HART	1	68	4	4	135	4	202	54	28	1	54	35
014	HAYE	1	66	2	1	-0	3	203	60	34	3	54	34
028	HAYE	1	72	3	1	225	3	205	61	31	1	72	69
024	HAYE	1	69	3	2	315	-0	201	59	31	1	67	47
906	HAYE	1	68	3	2	315	3	201	59	31	1	67	52
724	HAYE	1	74	4	1	-0	4	195	67	35	2	56	30
026	HAYE	1	48	4	1	45	2	214	59	32	5	56	72
042	HAYE	1	58	4	1	225	3	214	59	32	5	66	69
186	HAYE	1	49	4	1	90	1	209	60	32	5	57	81
042	HAYE	1	71	4	2	225	3	214	59	32	5	75	56
048	HAYE	1	60	5	1	45	3	191	71	36	1	53	40
049	HAYE	1	50	5	1	45	3	191	71	36	1	48	45

051	HAYE	1	60	5	1	45	3	191	71	36	1	60	50
019	HAYE	1	56	5	1	-0	3	203	60	34	3	66	69
060	HAYE	1	52	5	2	315	3	191	71	36	1	42	31
036	HAYE	1	55	5	2	315	3	191	71	36	1	42	30
760	HAYE	1	80	5	2	-0	3	195	67	35	1	61	30
042	HAYE	1	53	5	1	225	4	214	59	32	5	65	76
A060	HAYE	1	62	5	1	315	3	209	60	32	5	62	51
B060	HAYE	1	56	5	1	225	1	209	60	32	5	66	70
715	HAYE	1	61	5	1	-0	3	195	67	35	2	58	45
186	HAYE	1	67	6	1	180	4	209	60	32	5	59	40
006	HAYE	12	75	2	3	-0	2	203	60	34	2	82	58
021	HAYE	12	52	3	3	-0	2	215	54	30	1	58	64
A727	HAYE	12	66	4	3	-0	2	195	67	35	3	53	33
B727	HAYE	12	85	5	3	-0	3	195	67	35	2	65	31
717	HAYE	12	75	6	3	-0	3	195	67	35	4	65	38
723	HAYE	8	48	4	1	-0	2	195	67	35	1	52	58
148	HAYE	8	52	6	1	135	3	209	60	32	5	56	57
026	HIWA	1	62	4	1	45	6	214	59	32	5	51	33
118	HIWA	1	63	4	2	90	6	214	59	32	5	75	72
001	HIWA	11	78	2	1	45	4	209	60	32	3	65	34
034	HIWA	5	90	3	2	225	3	191	71	36	1	67	38
058	HIWA	5	70	3	2	135	3	191	71	36	1	56	33
059	HIWA	5	100	3	2	135	3	191	71	36	1	85	34
096	JEFF	1	90	2	1	-0	4	202	54	28	1	71	32
010	MONT	4	62	-0	-0	135	-0	213	54	29	2	57	43
102	MONT	4	53	2	2	225	3	213	54	29	1	65	74
186	MUSK	1	69	4	1	360	2	201	54	27	6	64	42
987	MUSK	1	57	4	1	360	2	201	54	27	7	52	41
012	PORT	11	47	2	2	-0	2	195	67	35	1	59	40
033	PORT	9	60	4	1	-0	2	191	71	36	1	53	37
710	RARU	5	68	3	1	-0	2	195	67	35	3	66	48
028	RARU	5	55	5	1	315	3	205	61	31	1	55	51
029	RARU	5	85	5	2	225	3	205	61	31	1	80	46
064	RARU	13	70	5	1	135	3	194	65	33	3	53	30
071	RARU	13	71	5	1	45	3	194	65	33	4	69	48
077	TALL	1	50	5	1	225	3	213	59	29	4	47	42
092	TALL	1	52	5	1	-0	4	213	59	29	5	44	38
094	TALL	1	51	5	1	45	1	194	65	33	4	44	40
116	TALL	1	68	6	1	135	3	214	59	32	5	70	53
116	TALL	1	45	6	1	135	3	214	59	32	5	45	49
038	THER	1	43	3	2	180	5	214	59	32	5	57	103
014	TUSO	5	83	2	1	-0	2	201	59	31	1	84	53
055	TUSO	5	78	2	1	135	2	191	71	36	1	58	30
035	TUSO	5	89	3	2	-0	4	203	60	32	2	91	52
116	TUSO	5	85	3	1	45	5	214	59	32	5	73	37
056	TUSO	5	70	4	1	135	2	191	71	36	1	55	32
150	TUSO	5	75	4	1	135	5	209	60	32	5	67	39
707	TUSO	5	89	6	1	-0	4	195	67	35	3	87	47
026	TUSO	9	85	4	1	315	5	214	59	32	5	72	34
150	WATA	5	53	5	1	315	2	214	59	32	5	43	33
AVG		4	65	4	1	171	3	203	61	32	3	61	48
CVR		93	19	32	56	56	39	4	9	9	131	19	34
MAX		13	100	6	5	360	6	217	71	36	46	97	103
MIN		1	43	1	1	45	1	191	54	27	1	39	24
TOT		125	126	124	124	90	122	126	126	126	126	126	126

CASE. J. M.
SHORTLEAF
GA. 1961-PIEDMONT

STYP-SOIL TYPE
SI-SITE INDEX
SLOP-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

	STYP	SI	SLOP	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
A590	ALLU	-0	81	1	1	-0	4 221	48	26	1	65	33
728	ALLU	-0	76	1	1	-0	4 215	54	27	1	71	43
671	APPL	11	70	2	1	-0	2 229	49	24	1	0	0
A007	APPL	11	68	2	2	45	3 215	49	24	4	60	40
330	APPL	11	60	2	2	-0	2 242	44	24	2	53	41
048	APPL	11	75	5	3	135	3 215	54	27	52	59	34
B007	APPL	16	55	2	3	135	3 215	49	24	3	35	21
028	CECI	11	77	2	1	45	3 217	50	25	3	94	77
030	CECI	11	70	2	1	45	3 217	50	25	3	92	105
031	CECI	11	68	2	1	225	2 217	50	25	3	87	98
572	CECI	11	77	2	1	-0	2 222	43	22	3	89	66
671	CECI	11	62	2	1	-0	2 229	49	24	3	72	70
A670	CECI	11	74	2	1	-0	3 229	49	24	1	70	45
B670	CECI	11	63	2	2	-0	2 229	49	24	1	60	45
690	CECI	11	72	2	2	-0	2 230	48	24	1	58	33
C670	CECI	11	68	2	2	-0	3 229	49	24	1	64	45
745	CECI	11	70	3	1	-0	3 215	54	27	2	71	53
747	CECI	11	71	3	1	-0	3 215	54	27	2	57	34
085	CECI	11	70	3	2	-0	2 215	54	27	61	60	40
746	CECI	11	64	3	2	-0	2 215	54	27	3	60	45
728	CECI	11	69	3	2	-0	3 215	54	27	3	53	32
A001	CECI	11	71	3	2	-0	3 242	44	24	2	67	44
A666	CECI	11	70	3	2	-0	3 229	49	24	2	71	51
748	CECI	11	64	3	2	-0	3 215	54	27	3	52	34
589	CECI	11	64	3	2	-0	3 221	48	26	1	58	41
A729	CECI	11	60	3	2	-0	4 215	54	27	1	59	48
079	CECI	11	65	4	2	225	3 215	54	27	57	73	60
752	CECI	11	77	4	2	-0	2 215	54	27	3	62	33
647	CECI	11	60	4	2	-0	3 229	48	24	2	54	40
A686	CECI	11	66	4	2	-0	3 229	49	24	1	61	43
B686	CECI	11	63	4	2	-0	4 229	49	24	2	57	41
B729	CECI	11	67	4	2	-0	4 215	54	27	1	0	0
080	CECI	11	65	4	2	225	2 215	54	27	55	51	32
036	CECI	11	72	4	2	135	2 215	57	29	30	66	43
751	CECI	11	60	5	2	-0	3 215	54	27	3	48	33
750	CECI	11	69	5	2	-0	4 215	54	27	2	69	50
761	CECI	11	69	5	2	-0	4 215	54	27	1	54	33
047	CECI	11	74	4	2	225	3 212	52	26	3	65	39
053	CECI	11	70	4	2	135	3 212	52	26	1	62	40
005	CECI	11	66	3	1	315	2 209	52	26	3	60	43
711	CECI	11	72	3	1	-0	4 215	57	29	3	62	37
B590	CECI	16	62	2	3	-0	2 221	48	26	3	50	32
688	CECI	16	60	2	3	-0	2 230	48	24	2	44	32
004	CECI	16	70	2	4	315	3 217	50	25	3	45	23
046	CECI	16	65	3	3	315	2 215	50	27	51	67	55
047	CECI	16	65	3	3	135	2 215	54	27	34	72	60
697	CECI	16	64	3	3	-0	3 230	48	24	2	55	39
041	CECI	16	65	3	3	45	3 217	48	25	1	48	30
684	CECI	16	60	3	3	-0	2 229	49	24	2	50	37
B666	CECI	16	60	3	3	-0	3 229	49	24	2	59	50
685	CECI	16	61	3	3	-0	3 229	49	24	2	53	38
697	CECI	16	64	3	3	-0	3 230	48	24	2	55	39
C686	CECI	16	68	3	3	-0	4 229	49	24	2	54	33
054	CECI	16	60	3	4	135	4 209	52	26	1	49	34
672	CECI	16	68	4	3	-0	3 229	49	24	2	62	68
C729	CECI	16	67	4	3	-0	4 215	54	27	3	72	67
C666	CECI	16	65	4	3	-0	4 229	49	24	1	64	65
749	CECI	16	65	5	3	-0	2 215	54	27	2	70	65
668	CECI	16	74	5	3	-0	3 229	49	24	3	61	74
A649	CECI	16	72	5	3	-0	3 229	49	24	3	63	72
B649	CECI	16	79	6	3	-0	4 229	49	24	2	63	79
039	CECI	20	70	4	3	315	3 215	57	29	38	55	70
060	CECI	15	75	3	2	-0	4 230	48	24	35	66	75
070	CHEW	4	80	1	1	-0	4 194	64	32	3	88	80
055	COLF	11	70	2	2	315	2 209	52	26	2	72	70
588	COLF	11	67	2	2	-0	2 221	48	26	4	50	67
680	COLF	11	65	2	2	-0	4 229	49	24	1	73	65
055	COLF	11	60	4	3	315	2 209	52	26	1	48	60
741	CONG	1	98	1	1	-0	4 215	54	27	2	98	98
029	DAVI	5	72	2	1	45	3 217	50	25	3	101	72
011	DAVI	5	75	3	2	45	4 217	50	25	3	53	75
592	DAVI	12	61	2	3	-0	2 221	48	26	4	0	61
049	DAVI	12	70	2	4	315	2 -0	-0	-0	3	70	70
C007	DAVI	12	70	3	3	315	3 217	47	24	4	58	70
002	DAVI	12	69	3	3	45	3 217	47	24	3	49	69
A003	DAVI	12	68	3	3	45	2 217	47	24	2	50	68

B003	DAVI	12	70	4	4	45	3	217	47	24	3	63	70
573	DAVI	12	70	5	3	-0	3	222	43	22	3	64	70
010	DAVI	12	62	5	4	45	3	217	50	25	3	64	62
D007	EFLA	5	62	3	2	225	4	220	47	24	3	51	62
033	ENON	11	48	2	1	45	3	211	51	25	2	43	48
035	ENON	11	55	2	1	45	3	211	51	25	3	54	55
036	ENON	11	48	2	3	225	3	211	51	25	1	39	48
335	ENON	11	57	3	2	-0	4	242	44	24	3	56	57
076	GEOR	6	55	2	1	135	2	222	43	22	38	58	55
061	GEOR	6	60	2	2	135	2	230	48	24	47	55	60
077	GEOR	6	65	3	2	225	2	222	43	22	49	60	65
063	GEOR	6	65	3	3	45	2	230	48	24	17	67	65
B001	GOLD	6	65	5	3	-0	2	242	44	24	1	63	65
080	HELE	11	58	3	1	225	2	226	49	24	4	49	58
085	HELE	16	60	3	3	225	3	226	49	24	4	50	60
005	IRED	1	58	2	1	45	3	211	51	25	4	48	58
682	LLOY	11	70	2	2	-0	2	229	49	24	3	62	70
A683	LLOY	11	63	3	2	-0	2	219	49	24	3	59	63
E007	LLOY	11	66	3	2	135	3	215	49	-0	4	54	66
B683	LLOY	11	70	4	2	-0	2	229	49	24	3	67	70
687	LLOY	12	62	2	3	-0	2	229	49	24	3	48	62
F007	LLOY	12	70	3	3	135	3	215	49	24	4	58	70
730	LLOY	12	67	3	3	-0	2	215	54	27	2	73	67
703	LLOY	12	71	3	3	-0	3	230	48	24	2	59	36
750	LLOY	12	66	5	3	-0	4	215	54	27	2	61	43
734	LLOY	5	75	4	2	-0	3	215	54	27	2	75	49
753	LLOY	5	73	5	2	-0	3	215	54	27	3	65	37
037	LOUI	1	53	5	4	135	2	215	57	29	36	54	52
587	MADI	11	64	2	2	-0	2	221	48	26	2	60	45
673	MADI	11	61	2	2	-0	2	229	49	24	3	57	42
035	MADI	11	65	3	3	135	2	215	57	29	55	51	32
055	MADI	11	60	4	3	225	2	211	51	25	27	40	23
691	MADI	16	75	3	3	-0	2	229	49	24	2	87	68
586	MADI	16	71	3	3	-0	3	221	48	26	4	0	0
544	MADI	16	57	4	4	45	2	229	49	24	47	43	30
548	MADI	16	58	4	4	45	3	229	49	24	28	54	45
038	MADI	16	69	5	3	135	4	215	57	29	42	52	30
030	MASA	1	70	2	1	-0	2	205	60	29	1	41	21
034	MECK	11	60	2	1	135	2	211	51	25	2	42	25
054	MECK	11	65	2	2	225	2	211	51	25	15	42	24
042	MECK	16	65	2	4	135	4	230	48	24	88	48	34
053	MECK	16	60	3	2	315	3	211	51	25	21	53	39
547	MECK	16	60	4	4	45	4	229	49	24	42	52	39
052	SENE	11	69	2	1	315	4	217	50	25	1	88	87
053	SENE	11	73	2	1	135	4	217	50	25	1	65	40
C001	VANC	11	60	2	2	-0	4	221	48	26	1	0	0
G007	VANC	16	61	3	4	225	3	233	47	25	4	52	37
066	WICK	1	73	2	2	225	3	212	60	29	2	53	27
	WICK	1	70	3	2	225	3	214	59	28	1	0	0
582	WICK	1	63	6	3	-0	3	222	43	22	3	0	0
032	WILK	11	53	2	2	-0	2	212	60	29	2	42	38
AVG		11	66	3	2	162	3	220	50	25	10	60	51
CVR		35	10	36	38	60	26	4	8	7	177	21	34
MAX		20	98	6	4	315	4	242	64	32	88	101	105
MIN		1	48	1	1	45	2	194	43	22	1	35	21
TOT		125	127	127	127	57	127	126	126	125	127	120	121

CASE, J M
SHORTLEAF PINE
1961 S. CAROLINA LOWER COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
117	BLAD	1	85	1	1	48	37	264	3	46	81
638	BLAN	4	55	2	1	48	37	258	1	66	63
A178	CARO	2	69	2	1	49	38	265	2	52	70
B178	CARO	2	79	2	1	49	38	265	1	50	79
154	CHAR	2	85	1	1	48	37	268	4	30	65
519	COXV	2	70	1	1	45	31	239	1	57	75
177	CRAV	7	63	1	1	49	38	264	9	33	51
095	CRAV	2	69	2	1	50	35	239	1	53	71
185	DUNB	2	60	1	1	48	34	258	1	51	60
A021	EULO	2	85	1	1	50	36	258	1	42	78
A092	EULO	2	74	1	1	50	36	257	2	44	70
B021	EULO	2	77	2	1	50	36	258	1	46	73
A022	EULO	2	65	2	1	50	36	257	1	44	61
A276	EULO	9	83	1	1	49	37	260	1	43	77
C021	EULO	9	83	1	1	50	36	258	2	40	74
B022	EULO	9	71	1	1	50	36	257	5	49	70
102	FAIR	2	77	1	1	49	37	276	3	44	73
091	FAIR	2	68	2	1	50	36	258	2	54	70
B092	FAIR	2	72	2	1	50	36	257	3	48	70
C022	FAIR	2	69	2	1	50	36	257	1	55	72
261	KLEJ	9	65	1	1	49	36	259	2	59	71
355	LAKE	11	68	2	1	47	31	253	1	42	62
182	LENO	2	77	1	1	50	37	265	5	46	74
184	MARL	2	62	1	1	48	34	258	2	56	66
176	NORF	7	176	1	1	49	36	262	3	69	79
A032	WAND	11	63	1	1	50	38	278	6	45	59
B032	WAND	11	68	2	1	50	38	278	3	48	66
C032	WAND	11	79	3	1	50	38	278	8	46	76
B276	WAND	11	79	1	1	49	37	260	1	45	75
AVG		5	76	1	1	49	36	261	3	48	70
CVR		78	28	40	0	2	5	4	82	17	10
MAX		11	176	3	1	50	38	278	9	69	81
MIN		1	55	1	1	45	31	239	1	30	51
TOT		29	29	29	29	29	29	29	29	29	29

CASE. J M
SHORTLEAF PINE
1961 S. CAROLINA SANDHILLS

ST-SOIL TYPE

SI-SITE INDEX

SC-SLOPE CLASS

EC-EROSION CLASS

PS-POSITION ON SLOPE

AP-PRECIPITATION ANNUAL

GP-GROWING SEASON PRECIPITATION

FF-FROST FREE DAYS

NT-NUMBER TREES MEASURED

AG-AGE

HT-HEIGHT

		ST	SI	SC	EC	PS	AP	GP	FF	NT	AG	HT
A088	GILE	10	69	1	1	-0	46	31	220	5	53	71
458	GILE	10	69	2	1	2	44	30	242	1	39	60
790	GILE	10	68	2	1	3	44	30	243	3	46	66
B088	GILE	10	59	2	1	1	46	31	220	3	59	64
030	LAKE	11	56	1	1	-0	46	31	225	1	38	49
004	LAKE	11	53	2	1	1	47	33	218	1	30	41
038	LAKE	11	58	3	1	1	44	30	244	1	70	68
466	VAUC	10	56	3	2	3	45	30	241	3	42	51
024	VAUC	7	36	5	3	1	43	30	244	1	70	42
321	VAUC	10	62	2	1	1	44	30	242	2	56	66
86	GILE	10	72	1	1	-0	46	31	227	4	42	68
07	GILE	10	90	3	1	2	46	31	223	1	30	75
01	GILE	10	69	1	1	-0	46	31	226	1	46	67
09	HOFF	10	59	3	1	2	46	31	227	1	41	55
10	HOFF	10	64	3	1	2	46	31	228	1	46	62
87	HOFF	10	60	3	2	3	46	31	228	1	38	55
06	LAKE	11	72	3	1	2	46	31	223	1	34	63
79	LAKE	11	53	3	1	2	46	31	216	1	53	54
AVG		10	62	2	1	2	45	31	230	2	46	60
CVR		9	18	43	45	41	2	2	4	71	26	16
MAX		11	90	5	3	3	47	33	244	5	70	75
MIN		7	36	1	1	1	43	30	216	1	30	41
TOT		18	18	18	18	14	18	18	18	18	18	18

CASE. J. M.
SHORTLEAF PINE
S. CAROLINA 1964. SOUTHERN PIEDMONT

ST-SOIL TYPE
SI-SITE INDEX
SL-SLOPE CLASS
EC-EROSION CLASS
SP-SLOPE POSITION
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SL	EC	SP	AP	GP	FF	NT	AG	HT
0579	ALMA	1	62	2	1	3	46	28	233	3	47	61
0603	ALMA	1	76	2	1	1	46	24	231	3	46	73
0552	APPL	2	76	2	1	3	45	28	234	4	38	66
0476	APPL	2	58	2	1	3	50	30	222	3	33	46
0768	APPL	2	73	2	1	3	56	31	220	3	36	62
0832	APPL	2	60	2	1	3	47	25	222	3	47	58
A 0000	APPL	2	64	2	1	2	47	30	228	1	-0	-0
0762	APPL	2	62	3	1	2	52	30	221	1	54	65
0767	APPL	2	60	3	1	2	56	31	220	3	51	61
0065	APPL	2	63	3	1	2	48	26	221	7	32	50
0652	APPL	2	58	4	1	2	50	30	220	3	46	56
0330	APPL	2	58	2	2	3	45	29	239	2	41	53
0677	APPL	2	53	2	2	3	50	30	222	3	33	43
0678	APPL	2	53	2	2	3	50	30	222	2	49	52
0679	APPL	2	63	2	2	3	50	30	221	3	52	65
0759	APPL	2	65	2	2	3	57	31	220	2	33	52
A 0056	APPL	2	64	2	2	2	47	30	229	2	34	52
0049	APPL	2	74	2	2	1	48	25	220	2	43	69
0722	APPL	2	82	2	2	1	67	33	202	2	31	64
0817	APPL	2	63	3	2	3	48	28	218	1	44	59
A 0833	APPL	2	56	3	2	3	47	25	222	1	47	55
B 0056	APPL	2	73	3	2	2	47	30	229	4	33	58
B 0833	APPL	2	61	3	2	2	47	25	222	1	49	60
0677	APPL	2	50	4	2	3	50	30	222	1	31	40
A 0826	APPL	3	62	2	3	3	48	26	217	3	33	50
B 0826	APPL	3	74	3	3	3	49	26	217	1	30	56
C 0826	APPL	3	66	4	3	3	48	26	217	2	34	53
0622	CATA	4	69	2	1	3	48	28	217	2	35	57
0016	CATA	4	55	2	2	3	45	28	235	2	40	49
0015	CATA	4	48	2	2	3	45	28	234	5	66	55
6010	CATA	4	53	2	2	3	49	25	215	4	41	47
0115	CATA	5	59	2	3	-0	51	26	210	4	30	42
0014	CATA	5	48	2	3	3	46	28	234	5	-0	-0
0607	CATA	5	42	3	3	1	49	25	214	4	47	40
0654	CATA	5	70	4	3	1	49	29	220	1	56	74
0099	CATA	5	69	5	3	-0	49	25	212	4	57	74
0330	CECI	2	57	2	1	3	45	29	239	1	42	53
0671	CECI	2	61	2	1	3	51	30	220	3	70	72
0761	CECI	2	62	2	1	3	52	30	221	3	39	55
0764	CECI	2	58	2	1	3	51	30	222	2	41	52
0768	CECI	2	71	2	1	-0	56	31	220	2	38	62
0129	CECI	2	64	2	1	2	50	28	209	4	63	72
A 0001	CECI	2	60	2	1	2	51	30	218	1	58	65
0536	CECI	2	66	2	1	2	56	28	200	1	50	66
0470	CECI	2	74	2	1	1	52	30	219	1	45	70
0536	CECI	2	70	2	1	3	56	28	200	3	52	71
0548	CECI	2	66	3	1	2	50	31	212	3	37	56
0735	CECI	2	69	3	1	2	58	28	205	3	57	74
0062	CECI	2	67	3	1	2	48	26	221	1	57	72
A 0711	CECI	2	73	3	1	2	58	29	210	1	37	62
0745	CECI	2	69	3	1	2	56	26	209	2	53	71
0747	CECI	2	71	3	1	2	57	27	211	2	34	57
0762	CECI	2	63	3	1	2	52	30	221	1	51	64
B 0711	CECI	2	72	3	1	1	58	29	210	3	43	66
0603	CECI	2	60	3	1	1	50	26	210	4	35	48
0096	CECI	2	56	3	1	-0	49	27	210	4	57	60
0104	CECI	2	63	3	1	-0	49	25	214	4	65	72
0745	CECI	2	61	4	1	2	56	26	209	2	61	68
A 756	CECI	2	73	4	1	2	58	31	218	2	60	80
B 0756	CECI	2	72	4	1	1	58	31	218	1	64	81
0535	CECI	2	60	4	1	1	57	29	198	3	37	51
0645	CECI	2	57	4	1	1	49	29	218	3	53	59
0732	CECI	2	62	5	1	2	58	28	205	3	42	57
0143	CECI	2	53	5	1	-0	58	28	208	4	67	61
0116	CECI	2	58	5	1	-0	51	26	210	4	33	44
0141	CECI	2	68	5	1	-0	58	28	208	4	59	74
0147	CECI	2	65	5	1	-0	58	28	208	4	52	66
0146	CECI	2	68	6	1	-0	58	28	208	3	60	74
0148	CECI	2	67	6	1	-0	58	28	208	4	64	76
0028	CECI	2	47	2	2	-0	47	31	227	4	65	53
0127	CECI	2	61	2	2	-0	50	28	209	4	66	69
C 0056	CECI	2	63	2	2	3	47	30	229	3	33	51
0544	CECI	2	67	2	2	3	48	26	210	2	30	50
0585	CECI	2	58	2	2	3	49	29	226	4	33	47
0588	CECI	2	69	2	2	3	49	29	223	3	38	59

	0670	CECI	2	63	2	2	3	52	30	219	1	45	60
	0690	CECI	2	72	2	2	3	48	28	231	1	33	58
	0816	CECI	2	72	2	2	3	49	29	219	1	32	56
	0542	CECI	2	61	2	2	3	51	26	210	4	45	58
D	0056	CECI	2	68	2	2	2	47	30	229	1	32	53
	0536	CECI	2	67	2	2	2	56	28	200	2	50	67
	0651	CECI	2	66	2	2	2	50	30	221	2	36	56
	0670	CECI	2	68	2	2	2	52	30	219	1	45	64
	0241	CECI	2	76	2	2	1	48	28	231	1	49	75
	0649	CECI	2	68	3	2	3	50	30	220	1	34	54
	0548	CECI	2	60	3	2	3	50	31	212	3	39	52
	0675	CECI	2	58	3	2	3	50	30	223	3	42	52
	0746	CECI	2	63	3	2	3	56	26	210	3	45	60
	0540	CECI	2	77	3	2	3	51	26	208	2	42	70
	0543	CECI	2	57	3	2	3	50	26	210	3	37	49
	0728	CECI	2	69	3	2	2	60	29	204	3	32	53
	0191	CECI	2	71	3	2	2	46	28	233	2	44	67
	0666	CECI	2	70	3	2	2	54	30	210	2	51	71
	0718	CECI	2	68	3	2	2	59	30	208	4	40	60
	0719	CECI	2	60	3	2	2	58	30	210	2	39	53
	0748	CECI	2	64	3	2	2	56	26	212	2	34	52
	0760	CECI	2	60	3	2	2	53	30	221	3	39	53
	0818	CECI	2	76	3	2	2	48	28	219	1	33	61
	0589	CECI	2	64	3	2	2	49	29	224	1	41	58
	0649	CECI	2	72	3	2	2	50	30	220	2	32	57
	0729	CECI	2	60	3	2	1	60	29	204	1	48	59
A	0667	CECI	2	58	4	2	3	50	30	221	4	44	54
	0752	CECI	2	77	4	2	3	64	31	203	3	33	62
	0542	CECI	2	70	4	2	3	51	26	210	2	45	67
B	0667	CECI	2	60	4	2	2	50	30	221	2	40	54
	0827	CECI	2	63	4	2	2	48	26	217	1	33	50
	0330	CECI	2	55	4	2	2	45	29	239	1	42	50
A	686	CECI	2	66	4	2	2	56	31	218	1	43	61
	0541	CECI	2	65	4	2	1	50	26	210	1	56	69
B	0686	CECI	2	63	4	2	1	56	31	218	2	41	57
	0751	CECI	2	60	5	2	2	65	31	203	3	33	48
A	0550	CECI	2	75	5	2	2	49	28	218	3	37	64
	0750	CECI	2	69	5	2	1	60	30	205	2	50	69
	0751	CECI	2	69	5	2	1	65	31	203	1	33	54
B	0550	CECI	2	82	5	2	1	49	28	218	1	38	71
	0590	CECI	5	64	2	3	3	49	28	220	2	32	50
	0122	CECI	5	60	2	3	3	47	30	232	5	37	52
	0646	CECI	5	54	2	3	3	49	29	218	2	45	51
	0648	CECI	5	64	2	3	3	49	29	218	2	34	52
	0688	CECI	5	55	2	3	3	49	28	225	1	32	44
	0068	CECI	5	57	2	3	3	47	31	227	1	31	44
	0657	CECI	5	58	2	3	2	48	28	219	1	38	50
	0649	CECI	5	66	2	3	1	50	30	220	2	31	51
	0540	CECI	5	69	3	3	3	51	26	208	1	39	59
	0544	CECI	5	61	3	3	3	50	31	214	1	34	50
	0549	CECI	5	77	3	3	3	49	28	218	4	31	59
	0646	CECI	5	57	3	3	3	49	29	218	1	56	61
	0656	CECI	5	59	3	3	3	18	28	219	2	44	54
	0675	CECI	5	55	3	3	3	50	30	223	1	42	51
	0765	CECI	5	62	3	3	3	54	30	221	1	52	63
	0684	CECI	5	59	3	3	3	56	31	218	1	37	50
	0657	CECI	5	46	3	3	2	48	28	219	1	35	39
A	0666	CECI	5	59	3	3	2	54	30	210	2	50	59
	0685	CECI	5	61	3	3	2	56	31	218	2	38	53
	0697	CECI	5	64	3	3	2	48	28	230	2	39	55
C	0686	CECI	5	68	3	3	2	56	31	218	2	33	54
	0672	CECI	5	68	4	3	1	51	30	220	2	42	62
	0718	CECI	5	72	4	3	2	59	30	208	1	39	64
A	0744	CECI	5	59	4	3	2	58	28	208	2	40	52
	0829	CECI	5	63	4	3	2	48	26	219	3	45	60
B	0666	CECI	5	65	4	3	2	54	30	210	1	49	64
	0729	CECI	5	67	4	3	2	60	29	204	4	57	72
C	0666	CECI	5	65	4	3	1	54	30	210	1	65	75
	0749	CECI	5	65	5	3	1	56	26	211	2	58	70
A	0070	CECI	5	60	5	3	2	46	31	228	1	55	63
	0668	CECI	5	74	5	3	2	50	30	220	3	34	61
	0669	CECI	5	72	5	3	2	53	30	216	3	39	63
B	0744	CECI	5	57	5	3	2	58	28	208	3	40	50
B	0070	CECI	5	61	5	3	2	46	31	228	1	53	63
	0657	CECI	5	63	5	3	1	48	28	219	1	44	59
C	0070	CECI	5	60	5	3	1	46	31	228	2	52	62
	0117	CECI	5	58	5	3	-0	51	26	210	4	51	59
	0641	CECI	5	68	6	3	3	49	29	218	2	45	65
	0647	CECI	5	69	6	3	2	49	29	218	2	48	67
	0583	CECI	5	67	6	3	2	46	28	235	2	50	67
	0749	CECI	5	66	6	3	2	56	26	211	2	42	60
	0583	CECI	5	67	6	3	1	46	28	235	2	50	67
	0669	CECI	5	78	6	3	1	53	30	216	2	33	63
	0083	CHES	4	70	3	1	1	46	31	217	2	58	76
	0722	CHEW	1	80	1	1	-0	67	33	202	2	34	72
	0650	COLF	2	67	2	1	2	50	30	221	3	51	68
	0766	COLF	2	70	2	1	1	54	30	229	2	43	64
	0065	COLF	2	62	3	1	1	48	26	221	2	31	48
	0588	COLF	2	63	2	2	3	49	29	223	3	32	50
	0680	COLF	2	65	2	2	1	50	30	221	1	61	73
	0741	CONG	4	98	1	1	-0	75	34	196	2	50	98
	0609	DAVI	6	65	2	1	2	50	25	213	4	67	72
	0072	DAVI	6	55	2	1	2	47	31	228	1	32	44

	0050	DAVI	5	63	2	2	2	49	25	219	7	33	50
	0105	DAVI	5	51	2	2	-0	50	28	209	3	65	58
	0017	DAVI	5	61	3	3	3	47	30	232	4	32	49
	0107	DAVI	5	65	4	3	-0	50	28	209	5	38	56
	0573	DAVI	5	70	6	3	2	49	28	227	3	43	64
	0051	DURH	2	78	1	1	-0	48	30	223	6	47	76
	6034	DURH	2	69	2	1	2	46	28	231	4	35	58
	0601	ENON	2	57	2	1	3	50	26	210	5	48	56
A	0061	ENON	2	59	2	2	2	48	26	221	3	33	47
	0605	ENON	2	58	3	2	2	51	26	208	2	42	52
	6017	ENON	2	70	3	2	1	47	28	224	5	30	51
	0080	GOLD	1	67	4	2	2	44	24	233	1	32	52
	0191	GOLD	1	64	5	2	3	46	28	233	1	49	63
	0089	GOLD	1	74	6	2	1	46	31	218	1	32	58
	0074	HELF	4	50	3	1	2	48	28	218	1	66	57
B	0061	HELF	4	53	2	2	3	48	26	221	1	35	45
	0053	HELF	4	57	3	2	1	47	28	227	1	33	46
B	0001	HERN	1	62	2	1	3	44	29	240	2	43	58
	0601	HERN	1	68	2	1	3	46	24	227	3	35	56
A	0081	HERN	1	69	2	1	3	46	31	217	5	31	54
	0597	HERN	1	82	2	1	2	45	24	231	1	30	63
C	0001	HERN	1	65	2	1	2	44	29	240	1	38	57
D	0001	HERN	1	52	3	1	1	44	29	240	1	64	59
	0600	HERN	1	67	3	2	3	46	24	228	2	36	56
	0607	HERN	1	70	3	2	3	45	24	232	1	37	59
	0296	HERN	1	56	3	2	3	46	31	227	5	61	62
B	0081	HERN	1	60	3	2	2	44	24	233	1	32	48
	0027	HERN	1	55	4	2	-0	46	31	230	4	48	54
	0294	HERN	8	62	2	3	3	46	31	232	5	46	60
	0007	HERN	8	45	2	3	3	43	29	241	1	38	40
	0296	HERN	8	56	3	3	3	46	31	227	5	61	62
	0121	HERN	4	73	2	2	1	47	30	232	5	39	64
	0714	HERN	6	87	2	1	3	70	37	194	2	32	68
	0124	HERN	5	61	2	3	3	47	30	232	5	43	55
	0627	HERN	5	61	5	3	3	45	28	232	1	43	55
B	0000	TRED	2	50	1	1	1	47	30	228	1	-0	-0
C	0000	TRED	2	54	1	1	1	47	30	229	1	-0	-0
	0608	TRED	2	62	2	2	2	49	25	215	4	31	44
	0095	LLOY	2	64	2	2	1	49	27	210	5	68	74
	0648	LLOY	2	70	2	2	1	49	29	218	1	40	62
	0660	LLOY	2	70	2	2	2	48	28	220	2	32	53
	0682	LLOY	2	70	2	2	2	54	30	218	3	41	62
A	0683	LLOY	2	63	3	3	2	55	31	220	3	43	59
B	0683	LLOY	2	70	3	4	2	55	31	220	3	47	67
	0098	LLOY	2	61	3	3	1	49	27	210	3	55	64
	0142	LLOY	4	64	3	3	1	58	28	208	4	37	54
	0733	LLOY	6	53	3	1	3	59	28	205	2	35	45
	0102	LLOY	6	62	4	1	-0	49	25	214	4	64	69
	0754	LLOY	6	79	6	1	2	68	31	202	3	32	62
	0734	LLOY	6	76	4	2	2	58	28	205	2	49	75
A	0728	LLOY	6	84	4	2	2	48	26	218	2	35	69
A	0753	LLOY	6	70	5	2	3	68	31	202	1	36	58
B	0753	LLOY	6	75	5	2	2	68	31	202	2	37	65
C	0733	LLOY	6	73	5	2	2	59	28	205	3	33	59
A	0067	LLOY	3	57	3	3	2	48	26	221	6	46	55
	0687	LLOY	5	62	2	3	3	56	30	215	3	31	48
	0730	LLOY	5	67	3	3	3	59	29	205	2	59	73
B	0067	LLOY	5	56	3	3	2	48	26	221	4	46	54
	0703	LLOY	5	71	3	3	2	48	27	230	2	36	59
B	0828	LLOY	5	70	3	3	2	48	26	218	2	33	56
	0533	LLOY	5	61	4	3	2	56	28	200	1	36	52
	0750	LLOY	5	66	5	3	1	60	30	205	2	43	61
	0048	ALLU	-0	81	1	1	-0	48	25	220	1	40	73
	0590	ALLU	-0	64	1	1	-0	49	28	220	1	33	53
	0728	ALLU	-0	76	1	1	-0	60	29	204	1	43	71
	0059	ALLU	-0	68	2	1	-0	47	29	230	2	44	63
	0822	LOCK	2	70	4	1	3	48	29	223	2	42	65
A	0044	LOCK	2	60	5	1	3	49	25	219	4	49	59
B	0044	LOCK	2	60	5	1	2	49	25	219	1	49	59
	0825	LOCK	2	72	2	2	3	48	29	223	2	37	61
	0049	LOCK	2	65	3	2	3	49	25	219	5	53	69
	0824	LOCK	2	70	3	2	2	48	29	224	1	64	80
D	0000	LOCK	2	67	3	2	2	47	30	228	1	-0	-0
E	0000	LOCK	5	55	3	3	2	47	30	228	1	-0	-0
	0542	LOUI	5	68	4	3	3	51	26	210	1	43	62
	0074	LOUI	2	58	2	2	3	48	28	218	1	52	59
A	0830	LOUI	2	76	3	2	2	48	26	219	1	35	63
	0771	LOUI	2	73	5	2	2	60	31	208	3	45	68
B	0830	LOUI	2	78	5	2	2	48	26	219	2	33	62
	0772	LOUI	2	80	5	2	2	64	31	200	2	31	63
	0770	LOUI	2	76	6	2	1	60	31	210	2	31	59
	0545	MADI	2	53	3	1	3	50	31	214	1	64	60
	0758	MADI	2	63	2	2	3	57	31	220	2	40	58
	0547	MADI	2	72	2	2	1	50	31	212	2	32	57
A	0538	MADI	2	67	4	2	3	52	27	203	2	45	63
B	0538	MADI	2	67	4	2	2	52	27	203	3	56	71
	0537	MADI	2	58	5	2	1	52	27	203	4	31	45
	0674	MADI	2	55	6	2	2	50	30	223	2	37	47
	0763	MADI	5	64	2	3	3	51	30	222	4	35	53
	0681	MADI	5	75	3	3	3	54	30	218	2	68	87
	0602	MADI	5	53	3	3	1	50	26	208	5	36	45
	0781	MASA	2	81	3	1	2	59	31	208	2	32	64
	0563	MECK	2	79	3	1	1	45	28	238	2	48	77
F	0000	MECK	5	45	2	3	2	47	30	228	1	-0	-0

	6011	MECK	5	89	2	3	1	50	25	213	4	34	74
	6033	MECK	5	57	3	3	2	47	30	232	4	40	51
A	0011	ALLU	-0	88	1	1	+0	75	34	197	2	51	89
	0065	ALLU	-0	77	1	1	+0	48	26	221	1	35	64
	6024	TATU	1	64	2	2	2	49	26	220	5	44	60
	0291	TATU	1	69	2	2	2	46	31	226	6	58	74
	0292	TATU	1	60	2	2	2	46	31	228	5	48	59
	6020	TATU	1	60	2	2	1	49	26	220	5	48	59
	6025	TATU	1	85	3	2	3	49	26	220	3	33	69
	6022	TATU	9	78	2	3	3	49	26	220	5	33	61
B	0011	VANC	2	59	2	2	1	49	29	222	1	45	56
	0582	WICK	3	63	6	3	3	45	28	237	3	43	58
	0065	WORS	2	66	2	1	1	48	26	221	8	31	51
	0062	WORS	2	71	4	2	1	48	26	221	2	51	72
C	0061	GULL	-0	44	4	4	3	48	26	221	1	31	35
D	0061	GULL	-0	43	4	4	2	48	26	221	3	32	35
	0066	GULL	-0	48	4	4	2	48	26	222	2	43	44
	0556	GULL	-0	69	5	4	3	45	28	236	2	35	58
A	0046	GULL	-0	57	3	4	3	49	25	219	2	33	46
B	0046	GULL	-0	67	3	4	2	49	25	219	1	41	60
	0055	GULL	-0	57	3	4	2	48	30	226	1	42	52
C	0046	GULL	-0	54	5	4	2	49	25	219	1	39	48
D	0046	GULL	-0	55	5	4	1	49	25	219	2	49	54
AVG			3	65	3	2	2	51	28	218	2	43	59
CVR			54	13	40	41	34	11	8	4	56	23	16
MAX			9	98	6	4	3	75	37	241	8	70	98
MIN			1	42	1	1	1	18	24	194	1	30	35
TOT			270	285	285	285	258	285	285	285	285	278	278

CASE, J. M.
SHORTLEAF PINE
1961 S. CAROLINA UPPER & MIDDLE COASTAL PLAIN

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
PS-POSITION ON SLOPE
AP-PRECIPITATION ANNUAL
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER TREES MEASURED
AG-AGE
HT-HEIGHT

		ST	SI	SC	EC	PS	AP	GP	FF	NT	AG	HT
431	AMER	10	61	1	1	-0	45	31	255	1	36	59
235	EUST	11	46	2	1	1	48	33	246	3	45	44
514	EUST	11	59	2	1	1	45	30	255	2	70	70
015	FLIN	6	72	1	1	-0	43	30	244	1	45	69
027	GRAD	2	67	1	1	-0	45	30	255	1	42	62
227	LAKE	11	54	3	1	2	47	32	247	1	49	53
236	LAKE	11	61	1	1	-0	47	32	245	1	37	53
034	LAKE	11	68	2	1	1	46	31	249	1	56	73
064	LAKE	11	76	2	1	2	42	32	251	1	62	85
202	LAKE	11	74	2	1	2	47	31	229	1	37	63
317	ALLU	-0	67	2	1	3	44	30	242	2	45	63
091	MAGN	7	66	4	1	1	45	31	248	3	68	76
450	ORAN	10	62	2	1	3	45	31	248	2	38	54
459	RUST	7	80	3	2	2	44	30	242	1	33	64
445	RUST	10	57	2	1	2	46	31	250	2	50	57
455	WAHE	2	74	1	1	-0	44	30	242	3	50	74
435	GRAD	2	87	1	1	-0	48	33	251	2	50	87
051	RAIN	7	86	1	1	-0	47	32	249	4	36	75
AVG		8	68	2	1	2	45	31	247	2	47	66
CVR		42	16	47	22	41	4	3	3	53	23	18
MAX		11	87	4	2	3	48	33	255	4	70	87
MIN		2	46	1	1	1	42	30	229	1	33	44
TOT		17	18	18	18	11	18	18	18	18	18	18

CASE, J. M.
SHORTLEAF PINE
TEXAS 1964, FLATLANDS

ST-SOIL TYPE

SC-SLOPE CLASS

TA-THICKNESS A HORIZON

PL-POST LAND USE

WP-PRECIPITATION WARM SEASON

NT-NUMBER TREES

HT-HEIGHT

SI-SITE INDEX

EC-EROSION CLASS

PP-PLOT POSITION

PA-ANNUAL PRECIPITATION

FF-FROST FREE DAYS

AG-AGE

DB-DBH

	ST	SI	SC	EC	TA	PP	PL	PA	WP	FF	NT	AG	HT	DB
0020 BOWI	4	80	1	1	26	5	1	47	23	250	5	44	76	14
A 0100 BOWI	8	78	2	1	36	5	1	45	23	260	3	56	83	14
0109 BOWI	8	79	2	1	25	5	1	45	23	260	4	36	66	17
0110 BOWI	8	75	2	1	34	5	1	45	23	260	3	42	69	11
0163 CADD	4	82	2	1	18	5	1	45	23	260	2	40	73	13
B 0100 EUST	3	80	1	1	78	5	1	53	25	245	4	71	92	18
0102 EUST	3	76	1	1	52	5	1	53	25	245	3	48	74	14
0106 KLEJ	3	83	1	1	37	5	1	53	25	245	1	33	67	13
0013 LAKE	3	67	2	1	74	5	1	53	25	245	4	51	68	13
0115 RUST	4	81	3	1	22	2	1	53	25	245	3	49	81	14
AVG	5	78	2	1	40	5	1	49	24	251	3	47	75	14
CVR	47	6	40	0	53	20	0	8	4	3	35	23	11	14
MAX	8	83	3	1	78	5	1	53	25	260	5	71	92	18
MIN	3	67	1	1	18	2	1	45	23	245	1	33	66	11
TOT	10	10	10	10	10	10	10	10	10	10	10	10	10	10

CASE. J. M.
SHORTLEAF PINE
TEXAS 1964. TIMBERLANDS

ST-SOIL TYPE
SI-SITE INDEX
SC-SLOPE CLASS
EC-EROSION CLASS
TA-THICKNESS A HORIZON
PP-PLOT POSITION
PL-POST LAND USE
PA-ANNUAL PRECIPITATION
WP-PRECIPITATION WARM SEASON
FF-FROST FREE DAYS
NT-NUMBER TREES
AG-AGE
HT-HEIGHT
DB-DBH

		ST	SI	SC	EC	TA	PP	PL	PA	WP	FF	NT	AG	HT	DB
A	0011	BOSW	4	78	4	1	12	2	1	45	23	255	4	47	76	14
A	0008	BOSW	4	76	2	1	7	3	1	45	22	245	2	34	61	12
B	0008	BOSW	4	77	3	1	7	4	1	45	22	245	2	35	64	11
C	0008	BOSW	4	77	3	1	7	4	1	45	22	245	3	48	69	12
A	0004	BOSW	4	69	3	2	8	1	1	45	21	240	3	32	54	12
B	0011	BOSW	4	74	4	1	9	3	1	47	22	235	4	35	61	10
	0021	BOSW	4	74	5	1	9	3	1	47	22	240	5	47	71	13
	0017	BOSW	4	68	5	1	9	2	1	47	22	235	6	39	60	12
A	0007	BOSW	4	75	4	1	10	2	1	47	22	245	3	79	91	16
	0020	BOSW	4	71	3	1	9	2	1	47	22	235	5	33	57	11
A	0018	BOSW	4	82	4	1	5	3	1	47	22	235	3	40	73	12
	0024	BOSW	4	85	4	1	6	2	2	47	22	235	6	31	67	12
D	0008	BOSW	4	75	4	2	12	2	2	47	22	230	6	54	74	12
A	0002	BOSW	4	86	3	1	6	2	2	49	25	245	4	51	87	15
E	0008	BOSW	4	77	3	1	3	2	2	45	22	230	6	38	67	12
	0108	BOSW	4	74	5	1	13	3	1	47	23	245	3	58	80	14
	0109	BOSW	4	73	3	1	13	3	1	47	23	245	4	58	78	15
	0015	BOSW	4	67	3	1	6	3	1	47	22	235	4	32	53	10
A	0014	BOSW	4	70	1	1	9	5	1	47	22	240	3	41	63	13
	0016	BOSW	4	73	4	2	3	2	1	47	22	235	5	34	59	11
	0020	BOSW	4	79	4	1	10	1	1	47	22	245	3	38	68	10
A	0009	BOSW	4	72	4	2	66	2	1	47	22	230	4	52	74	13
A	0012	BOSW	4	79	1	2	5	2	2	45	23	245	6	33	64	12
	0042	BOSW	5	76	5	1	17	3	1	45	22	245	4	46	73	14
B	0014	BOSW	5	80	4	1	6	3	1	47	22	235	4	48	78	13
B	0012	BOSW	5	90	3	1	8	1	1	45	23	245	3	33	73	14
	0006	BOSW	5	78	4	1	16	2	1	45	23	245	3	42	71	13
	0030	BOSW	5	66	2	1	5	3	1	45	22	240	5	45	62	11
	0031	BOSW	5	66	4	1	21	2	1	45	22	240	6	45	62	11
	0032	BOSW	5	61	4	1	11	2	1	45	22	240	6	53	63	12
	0027	BOSW	5	62	2	1	11	3	1	47	22	235	5	64	71	13
B	0009	BOSW	5	73	4	3	2	2	2	47	22	235	3	44	69	12
B	0007	BOSW	5	60	4	1	7	3	1	45	23	245	3	64	67	13
	0025	BOSW	9	76	4	4	0	2	2	45	22	240	4	41	68	13
	0023	BOWI	4	77	2	2	16	3	1	45	22	240	1	53	80	19
A	0003	BOWI	4	73	3	2	9	2	1	45	22	240	2	47	71	13
	0037	BOWI	4	74	3	1	15	2	1	45	22	250	4	52	75	13
B	0003	BOWI	4	75	4	1	20	4	1	45	21	240	3	41	68	12
C	0003	BOWI	4	75	3	1	14	4	1	47	22	230	5	69	83	17
B	0018	BOWI	4	78	2	1	16	3	2	47	23	250	3	41	71	13
A	0019	BOWI	4	81	2	1	18	3	1	47	22	235	5	60	88	17
	0022	BOWI	4	77	2	1	27	3	1	45	22	240	4	33	61	12
	0010	BOWI	4	78	2	1	28	3	1	45	22	235	4	64	87	16
	0028	BOWI	4	89	3	1	20	2	2	47	22	240	4	41	80	14
	0106	BOWI	4	85	2	1	32	5	1	45	23	260	4	51	87	15
C	0012	BOWI	11	89	2	1	36	3	1	47	22	235	3	33	73	11
	0005	BOWI	8	74	4	1	28	2	1	47	23	245	5	31	57	10
C	0007	BOWI	8	75	4	1	36	2	1	47	22	240	5	61	83	15
C	0009	BOWI	8	76	4	1	24	2	1	47	22	240	5	34	61	12
	0104	BOWI	8	80	3	1	18	2	1	47	24	250	3	63	90	15
A	0013	BOWI	8	72	2	1	31	3	1	47	22	230	4	46	68	11
	0008	BOWI	8	85	4	1	33	2	1	45	23	250	3	58	92	15
C	0018	BOWI	8	80	2	1	18	3	2	47	25	245	5	50	80	14
	0046	BOWI	8	74	3	1	18	4	2	45	22	240	3	60	82	14
A	0010	BOWI	8	79	4	1	18	4	2	47	22	230	5	42	72	15
	0030	BOWI	8	86	2	1	26	3	2	47	24	250	2	28	63	13
B	0004	CADD	4	82	2	1	20	3	1	45	23	250	3	49	81	16
	0021	CADD	4	77	2	1	18	4	1	49	22	235	2	57	83	17
C	0004	CADD	4	71	2	1	17	2	1	45	23	245	3	66	81	15
D	0009	CADD	4	69	3	1	39	3	1	45	23	245	5	70	81	15
	0033	CADD	4	71	2	1	26	2	1	45	22	250	5	42	65	13
C	0014	CADD	4	67	2	1	24	2	1	45	23	250	4	60	74	14
	0578	CONR	7	59	2	1	17	2	1	45	23	260	1	61	66	12
	0601	CONR	7	66	2	1	14	3	1	45	23	260	4	49	65	11
	0124	CONR	7	53	3	1	16	3	1	45	23	260	3	65	61	13
C	0011	CONR	4	81	5	1	8	2	1	47	22	235	6	40	73	13
B	0013	CONR	4	74	5	3	16	2	2	45	23	245	3	34	60	14
	0044	CONR	4	69	4	1	7	2	2	45	22	240	6	49	68	13
	0020	CONR	4	75	5	3	21	2	1	47	22	240	5	34	61	12
B	0019	CUTH	4	64	3	1	12	3	1	47	24	250	3	52	65	13
C	0019	CUTH	4	63	3	1	12	3	1	47	24	250	3	44	60	11
	0042	CUTH	6	64	6	1	10	2	1	45	22	240	5	72	76	16
	0119	CUTH	8	73	5	1	28	2	1	45	23	260	5	64	83	15
	0563	CUTH	8	71	5	1	20	2	1	45	23	260	4	34	59	13

	0005	CUTH	8	69	5	1	20	2	1	45	22	245	2	54	87	15
A	0006	CUTH	8	76	3	1	21	2	1	45	22	240	3	62	84	14
D	0003	CUTH	8	73	3	2	27	3	1	45	22	240	7	42	67	12
D	0007	CUTH	8	77	1	1	31	3	2	47	22	230	5	55	80	15
	0200	CUTH	8	67	3	1	36	2	1	45	22	270	4	49	67	12
	0024	EUST	8	84	5	1	54	4	2	45	22	240	3	53	86	14
A	0001	EUST	8	78	6	1	62	2	1	47	22	235	4	41	71	14
	0039	EUST	8	70	4	1	72	2	1	47	22	240	6	49	69	14
B	0002	EUST	8	84	6	1	62	2	2	47	22	235	4	42	77	15
E	0003	EUST	8	82	3	1	66	2	2	47	22	235	3	39	72	13
	0164	GARN	1	64	1	1	6	5	1	45	23	260	3	42	59	13
E	0007	IUKA	4	100	1	1	10	5	1	45	22	245	3	49	101	17
D	0004	KIRV	4	77	3	1	11	2	1	53	25	245	3	42	70	16
	0102	KIRV	4	80	3	1	12	2	1	47	24	250	3	68	93	15
	0019	KIRV	4	83	4	1	16	3	1	47	22	240	6	34	60	12
D	0011	KIRV	4	74	5	1	20	2	1	45	22	240	3	43	68	12
	0017	KIRV	5	79	6	1	17	4	1	45	22	240	5	44	74	15
	0048	KIRV	5	71	4	1	12	3	1	45	22	240	5	45	68	13
	0047	KIRV	5	76	6	1	18	1	1	45	22	240	5	45	72	13
D	0018	KIRV	5	60	3	1	10	3	1	47	24	250	2	47	58	11
F	0008	KIRV	8	76	3	1	24	3	1	45	22	240	4	38	67	12
	0013	KIRV	8	71	6	1	24	2	1	45	22	240	3	72	84	19
	0103	LAKE	3	73	3	1	54	3	1	47	24	250	3	70	86	14
	0005	LAKE	3	86	6	1	66	4	1	45	22	240	4	35	72	13
	0128	LAKE	3	83	3	1	56	2	1	49	25	245	4	46	79	15
	0024	LAKE	3	66	3	1	82	3	1	45	23	255	4	54	69	12
	0574	LAKE	8	85	2	1	63	2	2	45	23	260	5	42	78	15
	0005	LAKE	3	86	6	1	66	4	1	45	22	240	4	35	72	13
	0128	LAKE	3	83	3	1	56	2	1	49	25	245	4	46	79	15
	0024	LAKE	3	66	3	1	82	3	1	45	23	255	4	54	69	12
	0574	LAKE	8	85	2	1	63	2	2	45	23	260	5	42	78	15
	0005	LAKE	8	75	5	1	50	3	1	45	22	245	3	76	90	14
	0031	LAKE	8	69	3	1	60	2	1	45	22	250	4	33	55	12
C	0002	LAKE	8	71	2	1	68	3	1	47	22	240	3	52	72	13
	0003	LAKE	8	72	5	1	68	2	1	47	22	240	4	50	73	12
	0004	LAKE	8	79	4	1	64	4	1	47	22	240	3	89	91	14
	0005	LAKE	8	73	2	1	64	3	1	47	22	240	3	73	86	14
	0201	LAKE	8	61	2	1	44	2	1	45	23	260	5	49	61	11
	0127	LAKE	8	58	2	1	34	5	1	45	23	260	4	65	67	14
	0123	LAKE	8	58	2	1	44	3	1	45	23	260	5	53	60	13
B	0010	MAGN	4	90	1	1	19	3	1	47	22	235	3	53	93	15
	0026	MAGN	4	94	2	1	18	3	2	47	22	240	5	41	85	14
D	0002	NACO	4	63	5	1	20	2	1	45	22	245	3	54	66	12
D	0012	NACO	4	78	3	1	8	2	2	45	22	240	4	64	68	16
C	0013	NACO	4	78	4	1	8	2	2	45	22	240	3	64	58	18
E	0002	NACO	5	67	4	1	12	1	1	45	22	245	3	52	~0	13
G	0008	PLUM	8	80	3	1	38	3	2	45	23	245	5	41	72	13
B	0006	RAIN	4	76	2	1	41	2	1	45	23	250	3	47	74	13
E	0012	RUST	4	94	4	1	17	2	2	47	22	235	2	31	74	11
F	0002	RUST	4	74	4	1	34	4	1	45	22	240	3	57	78	11
	0029	RUST	4	86	4	1	40	3	1	45	22	240	6	34	74	12
	0556	RUST	8	80	2	1	28	2	1	45	23	260	3	42	74	13
	0129	RUST	8	75	5	1	23	2	1	49	25	245	3	42	68	12
	0031	RUST	8	79	3	1	28	3	2	47	24	250	3	31	62	13
G	0002	RUST	8	71	4	3	33	3	1	45	23	250	3	47	68	14
	0033	RUST	8	85	4	2	16	2	2	45	22	240	3	40	75	13
	0034	RUST	8	87	4	1	19	2	2	45	22	240	4	50	86	15
	0027	RUST	8	77	3	1	22	3	1	47	23	250	4	45	73	13
	0101	RUST	8	89	3	2	30	1	1	47	24	250	4	39	78	14
B	0001	SAWY	4	76	3	1	10	2	1	45	21	240	1	35	64	10
H	0008	SAWY	4	78	2	1	4	2	1	45	23	250	4	51	79	14
	0045	SAWY	4	82	3	1	10	2	1	45	22	250	3	57	88	15
	0004	SAWY	4	74	2	1	16	3	1	45	22	245	3	39	67	13
	0107	SAWY	4	82	3	1	14	2	1	45	23	245	3	64	93	17
E	0004	SAWY	4	78	3	1	18	2	1	47	22	230	4	55	81	16
	0150	SAWY	4	76	2	1	11	2	1	47	22	240	3	43	69	14
	0025	SAWY	4	71	2	1	13	2	1	47	22	235	7	41	63	11
E	0018	SAWY	4	73	2	1	13	3	1	47	22	240	6	43	68	13
E	0011	SAWY	4	76	2	1	7	2	1	47	22	240	3	64	85	16
F	0007	SAWY	4	73	2	1	11	2	1	45	22	230	3	46	70	13
	0003	SAWY	4	80	3	1	25	1	1	45	23	245	4	68	92	17
	0024	SAWY	4	75	3	1	25	4	1	45	22	240	2	39	66	12
C	0001	SAWY	4	79	3	1	32	3	1	45	23	250	3	41	71	12
	1007	SAWY	8	76	3	1	15	2	2	45	23	260	3	36	64	12
	1009	SAWY	8	69	2	1	23	2	2	45	23	260	6	37	98	12
	1020	SAWY	8	77	2	1	17	2	1	45	23	260	3	56	82	14
	0038	SAWY	8	68	2	1	21	2	1	45	22	250	4	53	71	13
	0027	SAWY	8	79	4	1	24	3	1	45	23	250	4	35	66	12
	1036	SUSQ	4	81	3	1	10	2	2	45	23	260	4	32	65	13
F	0004	SUSQ	4	71	4	1	12	2	1	47	22	235	5	41	64	12
	0003	SUSQ	4	73	4	1	7	3	1	45	23	250	4	49	72	13
	0003	SUSQ	4	73	2	1	12	2	1	47	22	235	4	57	78	14
	0150	SUSQ	4	69	1	1	7	5	1	45	23	245	3	56	73	12
	0026	SUSQ	4	83	2	1	14	2	1	47	22	235	6	43	77	13
	0036	SUSQ	4	83	5	1	23	2	1	45	22	240	6	57	88	16
	0017	SUSQ	4	90	1	1	21	1	2	47	22	240	4	31	70	12
E	0009	SUSQ	4	86	2	1	26	2	1	45	22	240	1	74	102	15
	0043	SUSQ	8	70	4	1	16	2	1	45	22	250	5	47	68	14
	0023	SUSQ	8	69	3	1	22	2	1	45	23	255	3	36	58	14
F	0018	SUSQ	8	68	3	1	25	3	1	45	23	250	5	47	65	13
D	0001	BOSW	4	62	4	1	16	3	1	41	20	240	4	58	67	13
E	0001	BOSW	4	57	5	3	16	3	1	41	20	240	3	64	64	12
F	0009	BOSW	4	60	5	2	10	3	1	41	21	245	4	33	48	11
F	0001	BOSW	4	63	4	2	16	2	1	41	20	240	4	64	71	11

F 0003	BOSW	4	62	2	1	6	3	1	43	20	240	3	36	53	10
G 0009	BOSW	4	70	3	1	10	3	1	43	21	240	3	67	80	16
0038	BOSW	4	65	4	4	2	2	1	43	22	240	2	42	60	14
G 0003	BOSW	4	66	3	3	4	2	1	43	20	240	2	30	50	10
G 0018	BOSW	4	62	4	2	6	2	1	43	20	240	3	53	64	11
H 0009	BOSW	4	71	4	1	18	4	1	43	21	240	3	50	71	12
0012	BOSW	4	65	4	1	16	2	1	43	22	245	3	70	76	14
0100	BOSW	4	61	6	1	12	3	1	41	22	245	4	54	64	14
H 0003	BOSW	4	62	2	1	9	3	1	41	20	240	3	49	61	12
I 0009	BOWI	4	76	5	4	15	2	1	41	21	250	3	52	78	14
0017	BOWI	4	66	3	1	12	2	1	43	21	240	6	42	60	11
0034	BOWI	4	76	3	1	10	3	1	43	22	240	3	37	66	11
H 0002	BOWI	4	74	2	1	10	2	1	43	20	240	3	48	73	13
0005	BOWI	4	71	3	3	10	2	1	43	20	240	2	53	74	15
G 0004	BOWI	4	66	2	1	28	3	1	39	21	250	3	42	60	13
D 0010	BOWI	4	77	2	1	26	3	1	41	21	250	3	62	87	14
I 0003	BOWI	4	81	3	1	24	2	1	43	20	240	3	54	85	15
C 0006	BOWI	4	78	2	1	36	3	1	43	20	240	3	62	86	14
G 0001	BOWI	8	82	2	1	32	1	1	43	22	245	3	50	82	18
G 0007	BOWI	8	71	4	2	18	1	1	41	20	240	4	46	68	17
E 0010	BOWI	8	75	3	1	36	2	1	41	22	245	3	73	89	14
F 0010	BOWI	8	71	3	1	24	4	1	41	22	245	3	71	84	13
D 0019	BOWI	8	68	2	1	30	3	1	43	20	245	2	45	64	11
0005	BOWI	8	70	3	2	18	1	1	41	20	240	2	39	63	16
I 0002	BOWI	8	69	4	1	20	1	1	41	20	240	3	52	70	13
F 0011	BOWI	8	84	2	1	24	3	2	41	21	240	3	48	83	13
H 0007	BOWI	8	76	4	1	18	2	2	43	21	250	3	52	77	13
I 0008	BOWI	8	79	2	1	18	2	2	41	20	240	4	33	63	11
G 0011	BOWI	8	78	2	1	19	3	2	43	21	240	3	37	68	13
J 0002	BUB	5	58	2	1	10	3	1	43	22	240	3	50	69	12
0001	BYAR	4	68	2	1	8	3	1	43	20	245	2	40	60	12
F 0012	CADD	8	75	2	1	36	4	1	43	22	240	3	73	89	19
G 0012	CADD	11	76	2	1	7	4	1	43	22	250	3	71	88	18
D 0006	CUTH	4	71	5	1	16	2	1	41	21	240	3	41	63	13
0017	CUTH	4	75	4	2	14	2	1	43	20	250	2	34	62	15
J 0008	CUTH	4	65	3	1	17	3	1	43	21	240	4	54	67	13
J 0003	CUTH	4	68	3	1	21	2	1	43	21	250	4	49	67	11
0005	CUTH	4	69	3	1	22	2	1	43	21	240	2	52	70	14
E 0006	CUTH	4	72	3	1	24	2	1	43	21	240	2	50	72	13
J 0009	CUTH	4	71	3	1	24	3	1	43	21	240	2	44	66	12
K 0002	CUTH	5	67	5	1	16	2	1	41	22	240	3	54	70	11
L 0002	CUTH	5	64	2	1	16	3	1	41	22	240	4	49	63	10
H 0001	CUTH	6	63	6	2	10	3	1	43	22	240	2	54	65	11
H 0012	CUTH	6	65	3	1	17	3	1	43	22	240	3	45	61	13
M 0002	CUTH	8	57	2	1	24	3	1	41	20	240	3	48	53	11
F 0006	CUTH	8	66	5	1	24	2	1	41	20	240	3	57	70	13
K 0009	CUTH	8	62	3	1	26	3	1	43	20	240	3	61	68	13
G 0010	CUTH	8	65	3	1	24	2	1	43	20	240	3	47	64	11
0101	EUST	8	68	3	1	48	2	1	41	22	245	6	36	57	11
0030	EUST	8	62	3	1	72	3	2	43	21	240	10	59	68	12
L 0009	KIRV	4	73	6	1	8	1	1	43	20	240	2	64	82	14
I 0007	KIRV	4	74	2	2	10	1	1	43	20	240	4	38	64	14
H 0011	KIRV	4	75	6	1	8	1	1	43	20	240	3	45	72	11
M 0009	KIRV	4	71	3	1	15	3	1	41	21	250	2	54	74	13
N 0009	KIRV	5	68	4	1	18	2	1	43	22	245	3	65	78	14
D 0014	LAKE	3	60	5	1	94	1	1	43	21	240	3	59	64	10
0015	LAKE	3	58	4	1	90	4	1	43	21	240	4	58	64	10
0031	LAKE	3	61	5	1	60	2	2	43	21	240	7	60	67	12
0103	LAKE	3	56	3	1	103	3	1	41	20	250	4	76	72	13
0102	LAKE	3	57	4	1	112	3	1	41	20	250	3	65	65	41
N 0002	LAKE	8	65	3	1	58	3	1	39	21	250	4	62	73	13
O 0002	LAKE	8	66	5	1	64	2	1	39	21	250	3	59	73	14
P 0002	LAKE	8	71	2	1	66	3	1	39	21	250	4	66	81	14
I 0001	LAKE	8	67	3	1	60	2	1	43	20	240	3	45	62	11
H 0010	LAKE	8	67	4	1	50	3	1	41	22	245	3	75	80	14
J 0001	LAKE	8	63	3	1	72	2	1	39	22	240	3	39	56	12
I 0012	LAKE	8	69	2	1	66	3	1	43	22	250	3	57	74	15
K 0001	LAKE	8	64	3	1	72	2	1	41	20	240	1	44	60	12
Q 0002	LAKE	8	66	3	1	72	2	1	41	20	240	2	49	65	12
K 0003	LAKE	8	63	2	1	72	3	1	41	20	240	2	45	60	11
L 0001	LAKE	8	65	3	1	55	2	1	41	20	240	4	49	63	12
H 0004	LAKE	8	63	5	1	54	2	1	41	20	240	3	58	68	12
G 0006	NACO	4	69	3	1	16	2	1	39	21	250	3	45	65	13
0102	NACO	4	73	6	1	9	3	1	41	22	245	3	36	62	12
I 0004	RUST	4	74	3	1	26	4	1	39	21	240	3	51	74	12
H 0006	RUST	4	81	2	1	28	4	1	41	21	250	3	34	67	13
E 0014	RUST	8	76	6	2	24	2	1	39	20	240	3	37	66	10
M 0001	RUST	8	78	2	1	36	3	1	39	22	245	3	51	79	15
I 0010	RUST	8	77	3	2	34	4	1	39	21	240	6	50	77	14
0020	RUST	8	74	6	2	36	1	1	39	20	240	3	58	74	13
K 0008	SAWY	4	78	3	1	16	2	1	41	22	240	3	55	65	13
I 0011	SAWY	4	69	2	1	26	2	1	41	22	240	5	70	81	17
0003	SAWY	4	66	2	1	16	2	1	41	22	240	3	46	63	10
0004	SAWY	4	65	2	1	2	2	1	41	20	40	0	47	60	1
0016	SAWY	4	65	2	1	10	2	1	41	22	240	3	84	82	19
0017	SAWY	4	73	3	1	10	2	1	41	22	240	3	63	81	15
H 0018	SAWY	4	68	2	1	10	2	1	41	22	240	2	84	-0	16
J 0012	SAWY	8	64	3	1	18	2	1	43	20	240	3	41	58	11
0193	SAWY	8	77	2	1	18	2	1	43	22	260	3	47	74	13
0004	SUSQ	4	73	5	3	6	1	1	39	20	250	3	44	69	14
O 0009	SUSQ	4	76	5	2	10	1	1	43	21	240	4	36	63	14
0041	SUSQ	4	65	5	1	10	1	2	43	22	250	4	46	63	12
R 0002	SUSQ	4	77	4	2	5	3	1	43	22	235	3	36	65	13
AVG		5	73	3	1	25	2	1	44	22	243	4	49	71	13
CVR		36	11	38	45	82	34	31	5	5	6	34	24	14	20
MAX		11	100	6	4	112	5	2	53	25	270	10	84	102	41
MIN		1	53	1	1	2	1	1	39	20	40	1	28	48	1
TOT		261	261	261	261	260	261	261	261	261	261	260	261	259	261

CASE.JM
SLASH PINE 1959

SN-SOIL TYPE

SL-POSITION ON SLOPE

AR-ANNUAL RAINFALL

LU-PREVIOUS LAND USE

AG-AGE

TR-NUMBER TREES MEASURED

DU-DENSITY UNDERSTORY

ST-SURFACE THICKNESS

FF-FROST FREE DAYS

WR-RAINFALL WARM SEASON

HT-HEIGHT

DB-DBH (INCHES)

SK-STOCKING

			SN	ST	SL	FF	AR	WR	LU	HT	AG	DB	TR	SK	DU
0166	96	BOWI	5	6	-0	252	54	27	1	71	27	12	3	1	3
0160	76	ACAD	1	5	-0	245	54	27	1	56	28	11	3	1	3
0168	97	BEAU	1	5	-0	252	54	27	1	70	26	11	3	1	3
0155	97	BEAU	1	6	-0	230	54	26	1	62	21	11	3	1	3
0159	85	BOWI	1	8	2	245	54	27	1	51	20	9	3	1	3
0162	98	BOWI	5	6	2	245	54	27	1	66	23	11	3	1	3
0161	97	BOWI	5	6	2	245	54	27	1	74	28	14	3	1	3
0158	90	BOWI	5	8	2	245	54	27	1	56	21	10	3	1	4
0165	88	CADD	1	6	-0	245	54	28	1	65	27	11	3	1	3
0167	87	CADD	1	5	-0	252	54	27	1	62	26	12	3	3	3
0154	86	SAWY	1	6	2	230	56	26	1	63	27	12	3	1	3
0163	101	ALLU	-0	-0	-0	245	54	27	1	69	23	11	3	1	3
0164	100	ALLU	-0	-0	-0	245	54	27	1	68	23	11	3	1	3
AVG			2	5	2	244	54	27	1	64	25	11	3	1	3
CVR			82	17	0	3	1	2	0	10	12	10	0	48	9
MAX			5	8	2	252	56	28	1	74	28	14	3	3	4
MIN			1	5	2	230	54	26	1	51	20	9	3	1	3
TOT			11	11	5	13	13	13	13	13	13	13	13	13	13

CASE, J. M.
SLASH PINE
GA. 1961 COASTAL PLAIN

STYP-SOIL TYPE
SI-SITE INDEX
ASP-ASPECT
PPOS-PLOT POSITION
SLCL-SLOPE CLASS
EROS-EROSION CLASS
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
109	ALLU	-0	85	1	1	225	7	251	47	26	4	79	41
123	ALLU	-0	80	1	1	135	7	251	47	26	4	80	51
081	EDIS	19	78	1	1	0	7	257	53	34	4	76	46
288	ELIN	11	89	1	1	-0	-0	248	47	30	2	0	0
A099	GOLD	19	87	1	1	0	7	246	46	26	4	68	29
B099	GOLD	19	93	1	1	0	7	245	47	29	4	73	30
C099	GOLD	19	100	1	1	225	2	240	48	25	4	65	22
031	GRAD	11	88	1	1	0	4	255	47	29	5	84	44
024	GRAD	11	82	1	1	225	4	240	42	30	5	77	43
120	GILE	15	79	2	1	0	3	251	47	27	4	61	29
076	GILE	19	88	2	2	225	4	255	48	25	4	73	33
043	HICK	23	78	1	1	90	2	243	49	25	4	71	44
037	IRVI	19	90	1	1	315	2	240	48	25	4	63	25
173	IRVI	19	88	1	1	0	7	252	46	28	3	52	20
145	IRVI	19	73	1	1	0	7	252	46	28	3	58	30
175	IRVI	19	93	1	1	0	7	252	46	28	3	69	27
030	KLEJ	19	89	1	1	0	7	251	47	29	5	66	29
157	KLEJ	19	90	1	1	225	3	246	46	27	4	64	26
170	KLEJ	19	80	1	1	0	7	252	46	28	4	66	32
171	KLEJ	19	82	1	1	0	7	252	46	28	4	71	34
093	KALM	11	97	2	2	225	3	245	42	30	3	72	27
289	KALM	11	90	1	1	-0	-0	248	47	30	5	0	0
010	LEON	21	74	1	1	0	7	257	53	34	5	74	51
014	LEON	21	82	1	1	0	7	257	53	34	5	61	27
423	LAKE	23	82	3	2	-0	-0	246	44	26	2	84	53
092	ALLU	-0	92	1	1	0	7	252	46	27	4	91	47
093	ALLU	-0	90	1	1	0	7	252	46	27	4	90	49
023	LYNC	11	100	1	1	135	4	240	42	30	2	86	35
073	LYNC	11	95	1	1	90	3	225	48	25	4	76	32
282	LYNC	11	87	1	1	-0	-0	248	47	30	3	0	0
022	LYNC	19	72	1	1	225	4	240	42	30	3	71	47
111	LYNC	19	87	1	1	270	4	251	47	26	4	87	49
112	LYNC	19	97	1	1	225	2	251	47	26	4	79	41
136	LAKE	23	75	2	1	315	4	251	47	26	4	57	28
293	MYAT	1	96	1	1	-0	-0	248	47	30	2	0	0
026	NORF	19	92	1	1	180	3	240	42	30	2	73	31
110	NORF	19	80	2	1	225	2	251	47	26	4	66	33
125	NORF	19	90	3	1	315	3	251	47	26	4	67	28
122	NORF	19	90	3	2	135	4	251	47	27	4	68	28
053	NORF	11	96	2	1	0	7	255	47	29	5	77	31
121	NORF	11	75	2	1	135	2	251	47	27	4	61	31
071	NORF	11	87	2	1	90	3	225	48	25	4	72	33
032	OMA	23	79	1	1	0	7	250	47	29	4	60	24
009	PLUM	23	82	1	1	225	3	254	49	30	5	62	28
023	PLUM	23	94	1	1	0	7	246	48	26	5	74	31
160	PLUM	23	90	1	1	135	2	246	43	26	4	73	31
192	PLUM	23	98	1	1	0	7	247	49	31	3	69	25
169	RAIN	19	76	1	1	0	7	252	46	28	4	73	45
022	RAIN	19	90	1	1	0	7	256	48	26	5	82	40
128	RAIN	11	79	1	1	135	7	251	47	27	4	74	43
416	RAIN	11	82	1	1	-0	-0	246	44	26	0	0	0
124	SAWY	11	89	2	2	315	3	251	47	27	4	71	31
126	TIFT	11	77	2	1	360	2	245	42	25	5	61	31
113	TIFT	11	90	3	2	270	4	251	47	26	4	74	33
097	VANC	19	89	2	2	90	3	245	42	30	3	64	26
021	WEST	1	95	1	1	0	7	266	53	34	5	75	30
001	WEST	1	84	1	1	-0	-0	248	47	30	4	0	0
037	WEST	15	95	1	1	0	7	250	47	30	5	71	28
049	WAHE	1	90	1	1	315	4	245	50	25	4	59	22
AVG		16	87	1	1	209	5	249	47	28	4	71	34
CVR		38	8	45	29	38	42	3	6	9	22	12	25
MAX		23	100	3	2	360	7	266	53	34	5	91	53
MIN		1	72	1	1	90	2	225	42	25	2	52	20
TOT		55	59	59	59	29	52	59	59	59	58	53	53

CASE, J. M.
SLASH PINE
1961 S. CAROLINA LOWER COASTAL PLAIN

ST-SOIL TYPE

SI-SITE INDEX

SC-SLOPE CLASS

EC-EROSION CLASS

AP-ANNUAL PRECIPITATION

GP-GROWING SEASON PRECIPITATION

FF-FROST FREE DAYS

NT-NUMBER OF TREES

AG-AGE

HT-HEIGHT

		ST	SI	SC	EC	AP	GP	FF	NT	AG	HT
293	BAYB	1	106	1	1	48	37	255	1	30	84
076	CHAR	2	73	1	1	48	39	285	5	43	69
188	COXV	2	98	1	1	50	38	264	1	43	93
A123	COXV	1	100	1	1	48	35	256	3	40	91
289	KALM	2	90	1	1	48	38	256	5	35	77
423	LAKE	11	82	3	1	47	36	253	2	53	84
282	LYNC	2	87	1	1	48	36	256	3	38	78
240	ONSL	7	67	1	1	50	34	238	5	55	69
435	PORT	7	90	1	1	48	33	251	2	31	72
122	PORT	7	91	1	1	48	35	256	11	41	83
416	RAIN	2	82	1	1	48	34	252	2	40	74
B123	RAIN	2	98	1	1	48	35	256	1	43	93
285	RUTL	9	88	1	1	48	35	254	5	44	83
294	RUTL	9	84	1	1	48	36	254	2	37	74
090	WAND	11	77	1	1	48	38	295	6	63	84
AVG		5	88	1	1	48	36	259	4	42	81
CVR		76	12	46	0	2	5	5	74	21	10
MAX		11	106	3	1	50	39	295	11	63	93
MIN		1	67	1	1	47	33	238	1	30	69
TOT		15	15	15	15	15	15	15	15	15	15

CASE, J. M.
WHITE PINE
GA. 1961 LIMESTONE MT.

STYP-SOIL TYPE
SI-SITE INDEX
SLCL-SLOPE CLASS
EROS-EROSION CLASS
ASP-ASPECT
PPOS-PLOT POSITION
FFDY-FROST FREE DAYS
ANN-ANNUAL PRECIPITATION
GR-PRECIPITATION IN GROWING SEASON
NOTR-NUMBER TREES MEASURED
AVHT-AVERAGE HEIGHT
AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
003	ALLU	-0	116	2	1	-0	4	203	60	32	2	124	57
008	ALLU	-0	108	3	1	-0	4	203	60	32	1	104	47
182	BRAD	1	92	6	1	135	5	209	60	32	5	81	40
152	CLIF	9	67	6	1	315	3	214	59	32	5	64	48
043	FANN	5	100	4	1	135	2	191	71	36	1	74	37
044	FANN	5	91	4	1	135	2	191	71	36	1	74	38
045	FANN	5	90	4	1	135	2	191	71	36	1	74	40
037	FANN	12	100	5	3	225	4	191	71	36	1	110	68
039	HABE	1	80	3	1	45	2	191	71	36	1	45	25
054	HABE	1	100	3	1	225	2	214	59	32	1	81	40
057	HABE	1	100	3	1	225	2	214	59	32	1	70	35
047	HABE	1	100	4	1	225	4	214	59	32	1	86	41
052	HABE	8	100	4	1	225	4	214	59	32	1	115	60
040	HABE	8	90	4	1	225	3	214	59	32	1	65	33
015	HABE	8	101	5	1	135	4	214	59	32	4	88	43
041	HABE	8	90	5	1	225	3	191	71	36	1	60	32
042	HABE	8	95	5	1	135	3	191	71	36	1	105	60
060	HABE	8	100	5	1	135	3	191	71	36	1	100	51
012	HALE	1	93	6	1	315	2	209	60	32	5	85	42
726	HALE	1	121	6	1	-0	4	195	67	35	2	92	37
014	HALE	1	92	6	1	-0	-0	209	60	32	5	-0	0
048	HAYE	1	92	5	1	45	3	191	71	36	1	78	38
049	HAYE	1	95	5	1	45	3	191	71	36	1	59	31
051	HAYE	1	100	5	1	45	3	191	71	36	1	100	47
036	HAYE	1	90	5	2	315	3	191	71	36	1	70	36
050	HAYE	1	90	5	2	315	3	191	71	36	1	73	40
736	HAYE	1	109	5	2	-0	4	203	60	32	3	82	36
737	HAYE	1	99	6	1	-0	3	203	60	32	1	94	47
058	HIWA	5	90	3	2	135	3	191	71	36	1	87	45
059	HIWA	5	105	3	2	135	3	191	71	36	1	88	40
002	PORT	11	94	5	2	315	2	209	60	32	3	85	44
033	PORT	9	105	4	1	-0	2	191	71	36	1	75	33
038	PORT	9	80	4	1	-0	2	191	71	36	1	100	70
016	PORT	9	100	5	1	45	4	205	61	31	5	104	56
017	PORT	9	100	5	1	45	3	205	61	31	1	67	32
122	PORT	5	92	5	1	45	2	196	60	30	5	102	60
066	RABU	5	95	6	1	45	3	194	65	33	6	102	58
067	RABU	5	90	6	1	45	3	194	65	33	4	72	37
082	RABU	5	100	6	1	45	4	194	65	33	4	84	42
123	TALL	9	100	5	1	45	3	194	65	33	5	93	46
062	TUSQ	9	83	4	1	225	5	209	60	32	5	73	39
018	TUSQ	5	100	4	1	45	3	205	61	31	1	55	28
019	TUSQ	5	109	4	1	45	3	201	59	31	3	103	46
053	TUSQ	5	91	4	1	225	2	191	71	36	1	65	33
055	TUSQ	5	90	4	1	135	2	191	71	36	1	73	40
056	TUSQ	5	110	4	1	135	2	191	71	36	1	70	30
118	TUSQ	5	90	4	1	45	-0	201	59	31	1	55	26
186	TUSQ	5	96	5	1	45	5	209	60	32	5	102	58
016	TUSQ	5	88	6	1	315	5	209	60	32	5	98	61
014	TUSQ	5	85	6	1	225	5	209	60	32	5	78	44
AVG		5	96	5	1	150	3	200	65	34	2	83	43
CVR		65	10	22	36	65	31	4	8	6	77	21	25
MAX		12	121	6	3	315	5	214	71	36	6	124	70
MIN		1	67	2	1	45	2	191	59	30	1	45	25
TOT		48	50	50	50	42	48	50	50	50	50	49	49

CASE, J. M.
VIRGINIA PINE
GA. 1961 LIMESTONE MT.

STYP-SOIL TYPE

SI-SITE INDEX

SLCL-SLOPE CLASS

EROS-EROSION CLASS

ASP-ASPECT

PPOS-PLOT POSITION

FFDY-FROST FREE DAYS

ANN-ANNUAL PRECIPITATION

GR-PRECIPITATION IN GROWING SEASON

NOTR-NUMBER TREES MEASURED

AVHT-AVERAGE HEIGHT

AVAG-AVERAGE AGE

		STYP	SI	SLCL	EROS	ASP	PPOS	FFD	ANN	GR	NTR	AVHT	AVAG
113	APIS	1	82	2	2	360	2	202	54	28	1	55	25
117	APIS	2	83	5	3	45	4	192	54	27	2	53	25
012	ARMU	3	69	-0	-0	135	2	213	54	29	2	70	54
112	ARMU	3	50	4	5	45	4	213	54	29	1	38	37
038	BRAD	1	71	3	2	225	5	214	59	32	5	66	43
142	BRAD	1	85	6	1	135	5	209	60	32	5	70	37
146	BRAD	1	80	6	1	135	5	209	60	32	5	80	51
186	BRAD	1	76	6	1	360	5	209	60	32	5	81	59
150	CHAN	5	70	6	1	135	2	214	59	32	5	56	36
A001	CLAR	7	74	5	3	315	3	192	54	27	3	57	36
004	CLAR	7	71	5	3	225	3	192	54	27	3	47	31
021	FANN	1	90	2	2	-0	-0	201	59	31	1	68	30
031	FANN	1	80	4	2	135	2	201	59	31	1	71	41
738	FANN	5	71	2	1	-0	2	203	60	32	2	71	50
013	FANN	5	72	2	2	-0	2	203	60	32	3	74	56
743	FANN	5	73	3	1	-0	2	203	60	32	3	72	49
043	FANN	5	65	4	1	135	2	191	71	36	1	56	40
044	FANN	5	75	4	1	135	2	191	71	36	1	64	40
045	FANN	5	70	4	1	135	-0	191	71	36	1	57	37
021	FANN	5	75	4	2	135	-0	201	59	31	1	63	42
023	FANN	14	75	3	3	45	4	205	61	31	1	45	27
037	FANN	12	80	5	3	225	2	191	71	36	1	81	52
031	GREE	7	85	2	1	45	2	217	54	29	3	60	31
039	HABE	1	75	3	1	45	2	214	59	32	1	42	24
054	HABE	1	75	3	1	225	2	214	59	32	1	65	40
057	HABE	1	73	3	1	225	2	214	59	32	1	55	34
120	HABE	1	80	3	2	-0	4	214	59	32	5	47	24
047	HABE	1	75	4	1	225	4	214	59	32	1	52	30
052	HABE	1	70	4	1	225	2	214	59	32	1	40	25
035	HABE	8	79	3	1	45	3	214	59	32	2	48	27
040	HABE	8	75	4	1	225	3	214	59	32	1	62	40
032	HABE	8	85	5	1	-0	3	214	59	32	1	60	30
041	HABE	8	75	5	1	225	3	191	71	36	1	56	33
042	HABE	8	80	5	1	135	3	191	71	36	1	80	56
060	HABE	8	80	5	1	135	3	191	71	36	1	72	46
176	HALE	1	64	6	1	45	2	214	59	32	5	61	46
725	HALE	1	83	6	1	-0	3	195	67	35	1	84	51
736	HALE	1	84	6	1	-0	4	195	67	35	1	89	64
196	HALE	1	60	6	1	270	2	209	60	32	5	57	39
A708	HALE	12	84	5	3	-0	4	195	67	35	1	75	39
B708	HALE	12	80	6	3	-0	3	195	67	35	1	72	39
190	HART	1	68	2	1	360	2	201	54	27	6	54	33
192	HART	1	80	2	2	360	4	201	54	27	5	48	23
908	HART	1	73	2	2	360	2	213	54	29	6	56	32
187	HART	1	83	3	2	360	2	201	54	27	6	55	25
097	HART	1	76	4	4	135	4	202	54	23	1	53	28
014	HAYE	1	82	2	1	-0	3	203	60	32	1	62	31
042	HAYE	1	70	3	2	225	-0	214	59	32	3	58	38
063	HAYE	1	87	3	2	45	2	214	59	32	3	59	27
A021	HAYE	1	68	3	2	315	-0	201	59	31	1	67	52
724	HAYE	1	81	4	1	-0	4	195	67	35	1	62	30
A042	HAYE	1	64	4	1	225	3	214	59	32	5	71	66
B042	HAYE	1	73	4	2	255	4	214	59	32	5	72	49
A186	HAYE	1	57	4	1	90	1	209	60	32	5	62	59
A721	HAYE	1	78	5	1	-0	3	195	67	35	1	69	38
B721	HAYE	1	71	5	1	-0	2	195	67	35	1	62	36
046	HAYE	1	55	5	1	45	3	191	71	36	1	53	45
048	HAYE	1	80	5	1	45	3	191	71	36	1	66	39
049	HAYE	1	70	5	1	45	3	191	71	36	1	62	41
051	HAYE	1	70	5	1	45	3	191	71	36	1	60	40
036	HAYE	1	55	5	2	315	3	191	71	36	1	40	30
771	HAYE	1	80	5	2	-0	2	195	67	35	1	75	43
716	HAYE	1	74	5	2	-0	3	195	67	35	1	59	32
186	HAYE	1	64	5	1	315	3	209	60	32	5	60	49
A060	HAYE	1	68	5	1	225	-0	209	60	32	5	57	37
B060	HAYE	1	72	5	2	90	1	209	60	32	5	60	37
172	HAYE	1	68	6	1	135	1	209	60	32	5	57	37
B186	HAYE	1	60	6	1	180	4	209	60	32	5	56	45
196	HAYE	1	76	6	1	-0	-0	209	60	32	5	0	0
727	HAYE	14	74	4	3	-0	2	195	67	35	2	58	31
737	HAYE	14	81	5	3	-0	3	195	67	35	2	64	32
064	HAYE	14	75	5	3	135	3	209	60	35	2	55	36
715	HAYE	5	56	6	1	-0	3	195	67	35	1	54	46
737	HAYE	5	80	6	1	-0	4	203	60	32	1	82	59
A026	HTWQ	1	86	4	2	180	6	214	59	32	5	72	37

B026	HTWQ	1	82	4	1	45	6	241	59	32	5	60	32
058	HTWQ	5	80	3	2	135	3	191	71	36	1	58	32
059	HTWQ	5	87	3	2	135	3	191	71	36	1	80	36
B001	HTWQ	5	81	5	2	45	4	209	60	32	5	68	34
064	HTWQ	12	82	4	3	135	3	209	60	32	2	60	31
069	LTNK	1	69	3	1	180	3	201	54	27	6	55	33
191	LTNK	1	63	3	2	180	2	201	54	27	6	52	35
189	LTNK	1	67	4	2	180	2	213	54	29	6	51	31
104	MONT	4	70	2	2	135	3	213	54	29	1	70	50
009	MUSK	2	58	-0	-0	315	-0	213	54	29	2	64	65
186	MUSK	2	67	4	1	360	2	201	54	27	3	61	40
910	MUSK	2	62	6	1	360	2	202	54	28	6	55	39
033	PORT	9	68	4	1	-0	2	191	71	36	1	55	35
038	PORT	9	70	4	1	-0	2	191	71	36	1	80	70
017	PORT	9	75	5	1	45	3	205	61	31	1	57	36
A022	PORT	9	75	5	1	45	3	205	61	31	1	57	36
021	RABU	5	57	5	1	315	-0	201	59	32	1	54	44
B022	RABU	5	95	5	2	225	3	205	61	31	1	88	41
030	RABU	5	64	5	2	225	3	205	61	31	1	48	33
079	RABU	5	66	5	2	45	3	194	65	33	4	38	25
065	RABU	13	75	5	2	45	2	194	65	33	4	63	39
010	TALL	1	55	4	1	-0	2	203	60	32	2	52	48
081	TALL	1	85	5	1	45	2	213	59	29	3	63	31
121	TALL	9	90	5	1	45	3	194	65	33	4	71	32
911	TELL	1	87	5	2	180	2	202	54	28	2	48	21
912	TELL	14	90	5	4	180	2	202	54	28	6	51	90
014	TUSQ	5	78	2	1	-0	-0	201	59	31	1	84	78
B021	TUSQ	5	78	2	1	-0	2	201	59	31	1	84	78
709	TUSQ	5	93	3	1	-0	2	195	67	35	1	85	93
018	TUSQ	5	80	4	1	45	3	205	61	31	1	43	80
053	TUSQ	5	78	4	1	225	2	191	71	36	1	63	78
055	TUSQ	5	80	4	1	135	2	191	71	36	1	65	80
058	TUSQ	5	75	4	1	135	2	191	71	36	1	62	75
A150	TUSQ	5	53	4	1	135	5	209	60	32	5	63	34
186	TUSQ	5	76	5	1	45	5	209	60	32	5	80	39
062	TUSQ	9	79	4	1	225	5	209	60	32	5	61	36
026	TUSQ	9	92	4	1	315	5	214	59	32	5	74	36
B150	WATA	5	60	5	1	315	2	214	59	32	5	46	34
C150	WATA	5	75	6	1	315	2	214	59	32	5	55	32
AVG		4	75	4	2	174	3	203	61	32	3	62	42
CVR		92	12	28	52	60	37	5	9	8	72	18	36
MAX		14	95	6	5	360	6	241	71	36	6	89	93
MIN		1	50	2	1	45	1	191	54	27	1	38	21
TOT		114	114	112	112	87	104	114	114	114	114	113	113

CASE, J. M.
VIRGINIA PINE
S. CAROLINA 1964, SOUTHERN PIEDMONT

ST-SOIL TYPE
SI-SITE INDEX
SL-SLOPE CLASS
EC-EROSION CLASS
SP-SLOPE POSITION
AP-ANNUAL PRECIPITATION
GP-GROWING SEASON PRECIPITATION
FF-FROST FREE DAYS
NT-NUMBER OF TREES
AG-AGE
HT-HEIGHT

		ST	SI	SL	EC	SP	AP	GP	FF	NT	AG	HT
0676	APPL	2	70	2	1	3	50	30	222	2	33	57
0759	APPL	2	67	2	2	3	57	31	220	2	33	54
0065	APPL	2	57	4	2	1	48	26	221	4	32	47
0735	CECI	2	74	3	1	2	58	28	205	2	51	75
0534	CECI	2	73	4	1	2	57	28	199	3	36	63
0756	CECI	2	82	4	1	1	58	31	218	1	63	86
0665	CECI	2	64	2	2	3	56	28	200	3	40	58
0056	CECI	2	72	2	2	3	52	30	218	1	46	70
0536	CECI	2	67	2	2	2	56	28	200	2	47	66
0711	CECI	2	74	4	2	2	58	29	210	1	33	61
0718	CECI	5	64	3	3	2	59	30	208	2	32	52
0755	CECI	5	72	4	3	2	58	31	218	3	42	69
0720	CECI	5	74	5	3	2	60	31	208	3	69	69
0714	HIWA	6	87	2	1	3	70	37	194	2	31	66
A 0533	LLOY	5	58	2	3	5	56	28	200	3	36	50
B 0533	LLOY	5	67	4	3	3	56	28	200	1	37	58
C 0533	LLOY	5	67	4	3	2	56	28	200	1	33	55
0771	LOUI	2	80	5	2	3	60	31	208	1	47	78
0771	LOUI	2	85	5	2	2	60	31	208	1	43	80
0772	LOUI	2	79	5	2	2	64	31	200	1	33	64
0770	LOUI	2	83	6	2	1	60	31	210	2	33	67
0781	MESA	2	77	3	1	2	59	31	208	2	38	69
A 0061	GULL	-0	58	4	4	2	48	26	221	1	31	46
0462	GULL	-0	55	4	4	2	49	28	217	1	36	48
B 0061	GULL	-0	58	3	4	2	48	26	221	1	31	46
AVG		3	71	4	2	2	57	29	209	2	39	62
CVR		50	13	34	43	29	9	8	4	49	25	18
MAX		6	87	6	4	3	70	37	222	4	69	86
MIN		2	55	2	1	1	48	26	194	1	31	46
TOT		22	25	25	25	25	25	25	25	25	25	25

COPELAND
GRAND FIR, LODGEPOLE PINE, ENGLEMAN SPRUCE AND WESTERN WHITE PINE

GA = GRAND FIR AGE — GDB = GRAND FIR DBH

GH = GRAND FIR HEIGHT — GSI = GRAND FIR SITE INDEX

LA = LODGEPOLE PINE AGE — LDB = LODGEPOLE PINE DBH

LH = LODGEPOLE PINE HEIGHT

EA = ENGLEMAN SPRUCE AGE — EDB = ENGLEMAN SPRUCE DBH

EH = ENGLEMAN SPRUCE HEIGHT — ESI = ENGLEMAN SPRUCE SITE INDEX

WA-WESTERN WHITE PINE AGE — WDB-WESTERN WHITE PINE DBH

WH = WESTERN WHITE PINE HEIGHT — WSI = WESTERN WHITE PINE SITE INDEX

PBA = PERCENT BASAL AREA AFFECTED WITH POLE BLIGHT

		GA	GDB	GH	GSI	LA	LDB	LH	EA	EDB	EH	ESI	WA	WDB	WH	WSI	PBA
01	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	73	-0	116	74	37
02	2	64	12	75	66	60	12	80	-0	-0	-0	-0	-0	-0	-0	-0	-0
02	2	61	15	99	66	56	9	73	-0	-0	-0	-0	-0	-0	-0	-0	-0
02	2	-0	-0	-0	-0	63	14	94	-0	-0	-0	-0	-0	-0	-0	-0	-0
03	2	60	11	95	71	60	18	98	-0	-0	-0	-0	59	-0	102	76	0
03	2	64	10	90	71	50	12	89	-0	-0	-0	-0	-0	-0	-0	-0	-0
03	2	63	10	88	71	59	12	94	-0	-0	-0	-0	-0	-0	-0	-0	-0
03	2	59	10	90	71	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
03	2	57	12	104	71	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
04	2	66	16	107	78	69	11	89	-0	-0	-0	-0	75	-0	107	65	62
04	2	-0	-0	-0	-0	70	13	87	-0	-0	-0	-0	-0	-0	-0	-0	-0
05	2	68	13	97	59	70	13	86	-0	-0	-0	-0	63	-0	100	71	52
05	2	64	13	86	59	62	13	103	-0	-0	-0	-0	-0	-0	-0	-0	-0
05	2	68	13	102	59	67	17	107	-0	-0	-0	-0	-0	-0	-0	-0	-0
05	2	78	14	93	59	63	10	95	-0	-0	-0	-0	-0	-0	-0	-0	-0
05	2	78	13	98	59	57	15	97	-0	-0	-0	-0	-0	-0	-0	-0	-0
06	2	-0	-0	-0	-0	60	11	86	-0	-0	-0	-0	63	-0	83	61	37
06	2	-0	-0	-0	-0	60	11	84	-0	-0	-0	-0	-0	-0	-0	-0	-0
06	2	-0	-0	-0	-0	67	11	94	-0	-0	-0	-0	-0	-0	-0	-0	-0
06	2	-0	-0	-0	-0	68	13	89	-0	-0	-0	-0	-0	-0	-0	-0	-0
06	2	-0	-0	-0	-0	60	11	83	-0	-0	-0	-0	-0	-0	-0	-0	-0
07	2	79	12	70	46	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
07	2	63	11	67	46	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
07	2	63	14	81	46	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
07	2	77	12	78	46	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
07	2	68	12	78	46	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
08	2	86	12	73	41	-0	-0	-0	-0	-0	-0	-0	68	-0	58	37	44
08	2	80	11	66	41	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
08	2	65	13	75	41	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
08	2	86	14	72	41	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
08	2	65	11	68	41	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
09	2	88	14	85	49	-0	-0	-0	-0	-0	-0	-0	72	-0	98	55	56
09	2	80	10	74	49	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
09	2	86	15	96	49	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
09	2	79	13	86	49	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
09	2	80	14	96	49	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
09	2	76	11	85	49	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	71	12	83	52	-0	-0	-0	-0	-0	-0	-0	78	-0	83	48	24
10	2	79	11	82	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	65	13	88	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	77	10	59	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	74	13	92	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	77	13	87	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	56	10	83	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
10	2	75	15	93	52	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
11	2	-0	-0	-0	-0	67	10	82	-0	-0	-0	-0	67	-0	72	49	29
11	2	-0	-0	-0	-0	62	12	91	-0	-0	-0	-0	-0	-0	-0	-0	-0
11	2	-0	-0	-0	-0	66	12	92	-0	-0	-0	-0	-0	-0	-0	-0	-0
11	2	-0	-0	-0	-0	61	11	90	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	61	9	77	54	65	10	84	-0	-0	-0	-0	66	-0	79	57	24
12	2	65	14	104	54	61	9	72	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	68	11	88	54	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	69	13	96	54	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	73	13	84	54	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	79	13	90	54	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	71	10	86	54	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
12	2	79	13	90	54	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
13	2	63	8	75	62	57	10	77	-0	-0	-0	-0	66	-0	95	68	12
13	2	60	9	82	62	64	9	77	-0	-0	-0	-0	-0	-0	-0	-0	-0
13	2	59	8	67	62	62	12	95	-0	-0	-0	-0	-0	-0	-0	-0	-0
13	2	62	13	95	62	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
13	2	62	9	80	62	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
14	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	66	-0	83	59	81
15	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	60	-0	82	64	8
16	2	-0	-0	-0	-0	60	11	85	-0	-0	-0	-0	64	-0	85	61	0
16	2	-0	-0	-0	-0	60	12	86	-0	-0	-0	-0	-0	-0	-0	-0	-0
16	2	-0	-0	-0	-0	64	12	83	-0	-0	-0	-0	-0	-0	-0	-0	-0
16	2	-0	-0	-0	-0	66	12	87	-0	-0	-0	-0	-0	-0	-0	-0	-0
16	2	-0	-0	-0	-0	68	12	91	-0	-0	-0	-0	-0	-0	-0	-0	-0

17	2	-0	-0	-0	-0	71	14	100	-0	-0	-0	-0	62	-0	76	57	67
17	2	-0	-0	-0	-0	65	13	95	-0	-0	-0	-0	-0	-0	-0	-0	-0
17	2	-0	-0	-0	-0	69	12	82	-0	-0	-0	-0	-0	-0	-0	-0	-0
17	2	-0	-0	-0	-0	58	12	100	-0	-0	-0	-0	-0	-0	-0	-0	-0
17	2	-0	-0	-0	-0	65	14	83	-0	-0	-0	-0	-0	-0	-0	-0	-0
18	2	91	12	92	56	72	11	90	-0	-0	-0	-0	84	-0	121	67	0
18	2	88	14	106	56	72	11	90	-0	-0	-0	-0	-0	-0	-0	-0	-0
18	2	88	14	104	56	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
18	2	73	15	112	56	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
18	2	88	14	103	56	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
19	2	-0	-0	-0	-0	80	15	96	-0	-0	-0	-0	68	-0	86	55	0
19	2	-0	-0	-0	-0	80	14	94	-0	-0	-0	-0	-0	-0	-0	-0	-0
19	2	-0	-0	-0	-0	73	13	89	-0	-0	-0	-0	-0	-0	-0	-0	-0
19	2	-0	-0	-0	-0	73	17	81	-0	-0	-0	-0	-0	-0	-0	-0	-0
19	2	-0	-0	-0	-0	65	14	85	-0	-0	-0	-0	-0	-0	-0	-0	-0
19	2	-0	-0	-0	-0	72	15	91	-0	-0	-0	-0	-0	-0	-0	-0	-0
20	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	64	-0	77	55	29
21	2	78	16	116	66	-0	-0	-0	68	10	92	56	67	-0	104	69	0
21	2	72	13	108	66	-0	-0	-0	78	14	82	56	-0	-0	-0	-0	-0
21	2	82	20	111	66	-0	-0	-0	69	12	91	56	-0	-0	-0	-0	-0
21	2	73	15	109	66	-0	-0	-0	78	13	94	56	-0	-0	-0	-0	-0
21	2	82	16	119	66	-0	-0	-0	68	11	85	56	-0	-0	-0	-0	-0
21	2	72	17	112	66	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
22	2	76	19	118	69	-0	-0	-0	-0	-0	-0	-0	76	-0	128	77	0
22	2	80	18	124	69	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
22	2	80	15	103	69	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
22	2	74	16	110	69	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
23	2	62	11	88	65	-0	-0	-0	-0	-0	-0	-0	62	-0	97	70	0
24	2	89	19	111	61	-0	-0	-0	-0	-0	-0	-0	83	-0	113	61	0
24	2	77	12	93	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
24	2	81	19	132	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
24	2	83	14	126	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
24	2	84	16	108	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
24	2	81	16	109	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
24	2	90	20	109	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
24	2	85	20	109	61	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
25	2	71	12	89	58	79	14	95	76	18	106	58	77	-0	110	61	0
25	2	79	16	95	58	71	12	87	79	16	102	58	-0	-0	-0	-0	-0
25	2	79	17	109	58	72	11	99	81	10	94	58	-0	-0	-0	-0	-0
25	2	76	15	95	58	74	13	98	77	9	87	58	-0	-0	-0	-0	-0
25	2	77	13	95	58	71	9	91	76	12	95	58	-0	-0	-0	-0	-0
25	2	81	14	95	58	76	12	93	-0	-0	-0	-0	-0	-0	-0	-0	-0
25	2	81	15	104	58	70	12	101	-0	-0	-0	-0	-0	-0	-0	-0	-0
25	2	-0	-0	-0	-0	72	15	113	-0	-0	-0	-0	-0	-0	-0	-0	-0
26	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	64	-0	90	64	38
27	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	181	23	159	58	-0
27	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	188	22	168	58	-0
27	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	183	21	131	58	-0
27	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	182	22	135	58	-0
27	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	176	21	138	58	-0
28	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	180	23	161	57	-0
28	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	174	19	134	57	-0
28	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	188	20	150	57	-0
28	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	189	26	159	57	-0
28	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	182	22	142	57	-0
29	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	131	14	111	46	-0
29	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	133	18	126	46	-0
29	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	144	15	117	46	-0
29	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	154	19	131	46	-0
29	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	129	16	106	46	-0
29	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	147	15	114	46	-0
30	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	121	19	148	66	-0
30	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	107	15	142	66	-0
30	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	125	18	150	66	-0
30	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	119	21	134	66	-0
30	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	116	18	135	66	-0
31	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	148	24	159	66	-0
31	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	140	18	127	66	-0
31	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	139	18	139	66	-0
31	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	141	26	145	66	-0
31	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	147	24	149	66	-0
31	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	144	25	145	66	-0
32	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	12	103	54	0
32	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	10	83	54	0
32	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	10	93	54	0
32	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	11	84	54	0
32	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	12	108	54	0
33	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	82	19	115	69	13
33	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	84	17	111	69	13
33	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	19	139	69	13
33	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	78	15	111	69	13
34	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	79	10	95	59	17
34	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	83	13	98	59	17
34	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	97	11	103	59	17
34	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	95	13	106	59	17
34	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	101	13	99	59	17
34	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	91	12	102	59	17
35	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	86	-0	108	59	27
36	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	78	-0	136	79	0
37	2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	73	-0	111	74	45
AVG		74	13	93	58	66	12	90	75	12	93	57	106	18	114	60	31
CVR		12	21	16	14	10	16	9	6	23	8	2	39	27	23	14	64
MAX		91	20	132	78	80	18	113	81	18	106	58	189	26	168	79	81
MIN		56	8	59	41	50	9	72	68	9	82	56	59	10	58	37	8
TOT		81	81	81	81	53	53	53	10	10	10	10	69	42	69	69	27

COPELAND
LARCH AND DOUGLAS FIR

LA = LARCH AGE
LH = LARCH HEIGHT
DA = DOUGLAS FIR AGE
DH = DOUGLAS FIR HEIGHT
LDB = LARCH DBH
LSI = LARCH SITE INDEX
DDB = DOUGLAS FIR DBH
DSI = DOUGLAS FIR SITE INDEX

			LA	LDB	LH	LSI	DA	DDB	DH	DSI
01	1	BEAR PAW CREEK	86	19	125	76	-0	-0	-0	-0
01	1	BEAR PAW CREEK	87	14	119	76	-0	-0	-0	-0
01	1	BEAR PAW CREEK	94	17	120	76	-0	-0	-0	-0
01	1	BEAR PAW CREEK	95	15	116	76	-0	-0	-0	-0
01	1	BEAR PAW CREEK	93	14	114	76	-0	-0	-0	-0
02	1	NICKELPLATE MTN.	56	12	85	68	-0	-0	-0	-0
02	1	NICKELPLATE MTN.	68	16	109	68	-0	-0	-0	-0
02	1	NICKELPLATE MTN.	68	16	93	68	-0	-0	-0	-0
02	1	NICKELPLATE MTN.	64	9	74	68	-0	-0	-0	-0
02	1	NICKELPLATE MTN.	60	12	87	68	-0	-0	-0	-0
03	1	NO. FK. GOOSE CR.	67	13	102	82	-0	-0	-0	-0
03	1	NO. FK. GOOSE CR.	67	16	100	82	-0	-0	-0	-0
03	1	NO. FK. GOOSE CR.	66	17	111	82	-0	-0	-0	-0
03	1	NO. FK. GOOSE CR.	54	13	97	82	-0	-0	-0	-0
03	1	NO. FK. GOOSE CR.	58	14	111	82	-0	-0	-0	-0
04	1	BINARCH CREEK	77	14	103	71	72	12	78	58
04	1	BINARCH CREEK	68	15	108	71	76	15	92	58
04	1	BINARCH CREEK	76	10	90	71	78	12	82	58
04	1	BINARCH CREEK	70	12	94	71	-0	-0	-0	-0
05	1	LAMB CR. NO. ONE	72	14	97	75	74	19	105	78
05	1	LAMB CR. NO. ONE	70	14	108	75	-0	-0	-0	-0
05	1	LAMB CR. NO. ONE	70	19	111	75	-0	-0	-0	-0
05	1	LAMB CR. NO. ONE	73	16	96	75	-0	-0	-0	-0
05	1	LAMB CR. NO. ONE	75	16	102	75	-0	-0	-0	-0
06	1	LAMB CR. NO. TWO	68	12	84	68	-0	-0	-0	-0
06	1	LAMB CR. NO. TWO	67	12	88	68	-0	-0	-0	-0
06	1	LAMB CR. NO. TWO	66	9	81	68	-0	-0	-0	-0
06	1	LAMB CR. NO. TWO	69	14	98	68	-0	-0	-0	-0
06	1	LAMB CR. NO. TWO	64	14	97	68	-0	-0	-0	-0
07	1	MONUMENT MT. RD. ONE	78	12	76	51	67	12	70	50
07	1	MONUMENT MT. RD. ONE	71	10	78	51	76	12	70	50
07	1	MONUMENT MT. RD. ONE	72	12	72	51	67	15	70	50
07	1	MONUMENT MT. RD. ONE	71	11	72	51	76	12	76	50
07	1	MONUMENT MT. RD. ONE	78	13	73	51	65	11	70	50
08	1	MONUMENT MT. RD. TWO	84	10	65	42	82	14	61	38
08	1	MONUMENT MT. RD. TWO	76	11	68	42	78	9	57	38
08	1	MONUMENT MT. RD. TWO	78	11	67	42	-0	-0	-0	-0
08	1	MONUMENT MT. RD. TWO	81	11	70	42	-0	-0	-0	-0
08	1	MONUMENT MT. RD. TWO	77	10	66	42	-0	-0	-0	-0
09	1	SANDS CREEK	-0	-0	-0	-0	80	12	75	53
09	1	SANDS CREEK	-0	-0	-0	-0	86	13	81	53
09	1	SANDS CREEK	-0	-0	-0	-0	84	14	98	53
09	1	SANDS CREEK	-0	-0	-0	-0	76	12	72	53
09	1	SANDS CREEK	-0	-0	-0	-0	76	13	77	53
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
10	1	BLUE ROCK CREEK	-0	-0	-0	-0	-0	-0	-0	-0
11	1	HUDLOW CREEK	56	9	72	64	-0	-0	-0	-0
11	1	HUDLOW CREEK	59	12	78	64	-0	-0	-0	-0
11	1	HUDLOW CREEK	65	11	85	64	-0	-0	-0	-0
11	1	HUDLOW CREEK	63	11	83	64	-0	-0	-0	-0
11	1	HUDLOW CREEK	62	9	85	64	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
12	1	LAVERNE CREEK	-0	-0	-0	-0	-0	-0	-0	-0
13	1	W. FK. EAGLE CREEK	63	13	97	-0	-0	-0	-0	-0
13	1	W. FK. EAGLE CREEK	61	13	93	-0	-0	-0	-0	-0
13	1	W. FK. EAGLE CREEK	56	11	85	-0	-0	-0	-0	-0
13	1	W. FK. EAGLE CREEK	56	7	68	-0	-0	-0	-0	-0
13	1	W. FK. EAGLE CREEK	62	6	73	-0	-0	-0	-0	-0
13	1	W. FK. EAGLE CREEK	61	10	81	-0	-0	-0	-0	-0
14	1	W. FK. EMERALD CREEK	71	13	98	67	66	16	83	54
14	1	W. FK. EMERALD CREEK	66	12	97	67	71	15	78	54
14	1	W. FK. EMERALD CREEK	72	14	99	67	74	13	76	54
14	1	W. FK. EMERALD CREEK	74	15	99	67	68	11	67	54
14	1	W. FK. EMERALD CREEK	66	12	85	67	-0	-0	-0	-0
14	1	W. FK. EMERALD CREEK	68	11	84	67	-0	-0	-0	-0
14	1	W. FK. EMERALD CREEK	70	13	81	67	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	67	11	80	62	-0	-0	-0	-0

15	1	UPPER W FK MERRY CR.	63	9	80	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	68	9	83	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	62	9	81	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	56	9	76	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	64	10	75	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	64	12	87	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	56	10	73	62	-0	-0	-0	-0
15	1	UPPER W FK MERRY CR.	62	14	91	62	-0	-0	-0	-0
16	1	W. FK. MERRY CREEK	61	10	78	67	-0	-0	-0	-0
16	1	W. FK. MERRY CREEK	69	14	93	67	-0	-0	-0	-0
16	1	W. FK. MERRY CREEK	71	14	96	67	-0	-0	-0	-0
16	1	W. FK. MERRY CREEK	69	12	89	67	-0	-0	-0	-0
17	1	CHARLIE CREEK	67	16	100	68	-0	-0	-0	-0
17	1	CHARLIE CREEK	69	15	95	68	-0	-0	-0	-0
17	1	CHARLIE CREEK	63	12	85	68	-0	-0	-0	-0
17	1	CHARLIE CREEK	69	14	95	68	-0	-0	-0	-0
17	1	CHARLIE CREEK	61	10	81	68	-0	-0	-0	-0
17	1	CHARLIE CREEK	65	10	80	68	-0	-0	-0	-0
18	1	CAMERON CREEK	96	14	117	70	-0	-0	-0	-0
18	1	CAMERON CREEK	97	18	118	70	-0	-0	-0	-0
18	1	CAMERON CREEK	100	18	107	70	-0	-0	-0	-0
18	1	CAMERON CREEK	91	15	113	70	-0	-0	-0	-0
18	1	CAMERON CREEK	99	17	114	70	-0	-0	-0	-0
19	1	HIATT CREEK H	-0	-0	-0	-0	73	17	94	59
19	1	HUATT CREEK H	-0	-0	-0	-0	67	14	74	59
19	1	HIATT CREEK H	-0	-0	-0	-0	64	16	81	59
19	1	HIATT CREEK H	-0	-0	-0	-0	69	13	84	59
19	1	HIATT CREEK H	-0	-0	-0	-0	76	16	87	59
19	1	HIATT CREEK H	-0	-0	-0	-0	60	12	90	59
20	1	HIATT CREEK D	-0	-0	-0	-0	69	14	81	61
20	1	HIATT CREEK D	-0	-0	-0	-0	65	15	78	61
20	1	HIATT CREEK D	-0	-0	-0	-0	65	19	84	61
20	1	HIATT CREEK D	-0	-0	-0	-0	75	17	85	61
20	1	HIATT CREEK D	-0	-0	-0	-0	73	15	91	61
20	1	HIATT CREEK D	-0	-0	-0	-0	63	15	88	61
20	1	HIATT CREEK D	-0	-0	-0	-0	66	16	92	61
20	1	HIATT CREEK D	-0	-0	-0	-0	61	16	90	61
21	1	HELLROARING CREEK	72	13	108	80	74	21	117	80
21	1	HELLROARING CREEK	71	13	104	80	76	18	109	80
21	1	HELLROARING CREEK	-0	-0	-0	-0	75	15	112	80
21	1	HELLROARING CREEK	-0	-0	-0	-0	76	18	110	80
21	1	HELLROARING CREEK	-0	-0	-0	-0	69	16	106	80
21	1	HELLROARING CREEK	-0	-0	-0	-0	76	16	100	80
21	1	HELLROARING CREEK	-0	-0	-0	-0	76	19	110	80
22	1	KEELER CREEK	-0	-0	-0	-0	-0	-0	-0	-0
22	1	KEELER CREEK	-0	-0	-0	-0	-0	-0	-0	-0
22	1	KEELER CREEK	-0	-0	-0	-0	-0	-0	-0	-0
22	1	KEELER CREEK	-0	-0	-0	-0	-0	-0	-0	-0
23	1	ALDER CREEK	-0	-0	-0	-0	66	12	94	67
23	1	ALDER CREEK	-0	-0	-0	-0	65	15	86	67
23	1	ALDER CREEK	-0	-0	-0	-0	62	14	90	67
23	1	ALDER CREEK	-0	-0	-0	-0	65	15	83	67
23	1	ALDER CREEK	-0	-0	-0	-0	63	14	97	67
23	1	ALDER CREEK	-0	-0	-0	-0	61	19	88	67
23	1	ALDER CREEK	-0	-0	-0	-0	71	18	92	67
23	1	ALDER CREEK	-0	-0	-0	-0	56	15	85	67
24	1	ROSEBUD CREEK	-0	-0	-0	-0	85	19	130	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	88	16	122	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	83	14	117	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	87	16	89	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	81	14	103	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	84	15	121	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	89	17	121	73
24	1	ROSEBUD CREEK	-0	-0	-0	-0	84	15	92	73
25	1	BROWNS CREEK	77	15	118	75	-0	-0	-0	-0
25	1	BROWNS CREEK	86	19	120	75	-0	-0	-0	-0
25	1	BROWNS CREEK	83	13	96	75	-0	-0	-0	-0
26	1	CLARKIA PEAK	70	10	90	82	70	14	86	63
26	1	CLARKIA PEAK	73	16	85	82	-0	-0	-0	-0
26	1	CLARKIA PEAK	62	9	86	82	70	15	84	63
26	1	CLARKIA PEAK	70	13	82	82	-0	-0	-0	-0
27	1	BLUE ROCK CR OLD ST	182	24	164	80	-0	-0	-0	-0
27	1	BLUE ROCK CR OLD ST	194	23	163	80	-0	-0	-0	-0
27	1	BLUE ROCK CR OLD ST	185	22	162	80	-0	-0	-0	-0
27	1	BLUE ROCK CR OLD ST	192	28	167	80	-0	-0	-0	-0
28	1	DECEPTION CR OLD ST	-0	-0	-0	-0	-0	-0	-0	-0
28	1	DECEPTION CR OLD ST	-0	-0	-0	-0	-0	-0	-0	-0
28	1	DECEPTION CR OLD ST	-0	-0	-0	-0	-0	-0	-0	-0
28	1	DECEPTION CR OLD ST	-0	-0	-0	-0	-0	-0	-0	-0
28	1	DECEPTION CR OLD ST	-0	-0	-0	-0	-0	-0	-0	-0
29	1	NORDMAN ROAD	-0	-0	-0	-0	-0	-0	-0	-0
29	1	NORDMAN ROAD	-0	-0	-0	-0	-0	-0	-0	-0
29	1	NORDMAN ROAD	-0	-0	-0	-0	-0	-0	-0	-0
29	1	NORDMAN ROAD	-0	-0	-0	-0	-0	-0	-0	-0
29	1	NORDMAN ROAD	-0	-0	-0	-0	-0	-0	-0	-0
29	1	NORDMAN ROAD	-0	-0	-0	-0	-0	-0	-0	-0
30	1	RAPID LIGHTNING CR.	127	20	152	86	118	16	109	67
30	1	RAPID LIGHTNING CR.	-0	-0	-0	-0	116	18	122	67
30	1	RAPID LIGHTNING CR.	-0	-0	-0	-0	112	15	125	67
31	1	GOOSE CREEK ROAD	-0	-0	-0	-0	-0	-0	-0	-0
31	1	GOOSE CREEK ROAD	-0	-0	-0	-0	-0	-0	-0	-0
31	1	GOOSE CREEK ROAD	-0	-0	-0	-0	-0	-0	-0	-0
31	1	GOOSE CREEK ROAD	-0	-0	-0	-0	-0	-0	-0	-0

31	1	GOOSE CREEK ROAD	-0	-0	-0	-0	-0	-0	-0	-0
31	1	GOOSE CREEK ROAD	-0	-0	-0	-0	-0	-0	-0	-0
32	1	BENTON CREEK H	86	15	123	-0	86	15	100	-0
32	1	BENTON CREEK H	-0	-0	-0	-0	-0	-0	-0	-0
32	1	BENTON CREEK H	-0	-0	-0	-0	-0	-0	-0	-0
32	1	BENTON CREEK H	-0	-0	-0	-0	-0	-0	-0	-0
32	1	BENTON CREEK H	-0	-0	-0	-0	-0	-0	-0	-0
33	1	BENTON CREEK D	79	19	121	77	92	28	125	74
33	1	BENTON CREEK D	90	17	108	77	77	25	112	74
33	1	BENTON CREEK D	78	15	104	77	86	18	98	74
33	1	BENTON CREEK D	83	16	111	77	86	17	95	74
33	1	BENTON CREEK D	80	15	116	77	88	24	125	74
34	1	PREF ROOT STUDY PLOT	103	13	103	56	86	10	84	58
34	1	PREF ROOT STUDY PLOT	87	12	96	56	85	14	91	58
34	1	PREF ROOT STUDY PLOT	92	12	109	56	86	13	109	58
34	1	PREF ROOT STUDY PLOT	105	13	101	56	92	15	114	58
34	1	PREF ROOT STUDY PLOT	108	12	87	56	87	11	67	58
34	1	PREF ROOT STUDY PLOT	-0	-0	-0	-0	78	9	69	58
35	1	PRIEST RIVER	-0	-0	-0	-0	-0	-0	-0	-0
36	1	BEAR PAW H	-0	-0	-0	-0	-0	-0	-0	-0
37	1	BEAR PAW D	-0	-0	-0	-0	-0	-0	-0	-0
38	1	MUSSELSHELL	-0	-0	-0	-0	-0	-0	-0	-0
AVG			78	13	97	68	77	15	92	63
CVR			33	26	22	15	15	22	19	16
MAX			194	28	167	86	118	28	130	80
MIN			54	6	65	42	56	9	57	38
TOT			106	106	106	99	74	74	74	73

COPELAND
SOIL DATA

ESD-EFFECTIVE SOIL DEPTH
WR-WATER RETENTION
ATT-A TEXTURE THICKNESS
BTT-B TEXTURE THICKNESS
CTT-C TEXTURE THICKNESS
AST-A STRUCTURE THICKNESS
BST-B STRUCTURE THICKNESS
CST-C STRUCTURE THICKNESS
ACT-A CONSISTENCE THICKNESS
BCT-B CONSISTENCE THICKNESS
DL1-DEPTH TO LIMITING FEATURE
DL2-DEPTH TO SECOND LIMITING
DRP-DEPTH TO ZONE OF GREATLY REDUCED PERMEABILITY
SP-SLOPE (PERCENT)
DHP-DEPTH TO HIGH ROCK OF HARDPAN
SI-SITE INDEX

	ESD	WR	ATT	BTT	CTT	AST	BST	CST	ACT	BCT	DL1	DL2	DRP	SP	DHP	SI
01	14.0	3.300	36	-0	-0	12	24	-0	14	22	14	-0	15	9	14	74
02	25.0	2.810	23	13	-0	7	29	-0	15	21	26	-0	12	40	20	66
03	36.0	6.780	26	-0	-0	26	-0	-0	26	-0	-0	-0	24	45	36	76
04	28.5	4.060	20	16	-0	36	-0	-0	36	-0	20	-0	14	10	20	65
05	32.0	3.630	6	24	6	6	30	-0	30	6	16	-0	26	1	16	71
06	16.9	2.490	12	24	-0	36	-0	-0	12	24	8	-0	13	15	8	61
07	19.1	2.840	10	26	-0	14	22	-0	5	31	14	-0	14	45	14	44
08	19.9	2.840	14	22	-0	10	26	-0	14	22	14	-0	12	25	14	37
09	20.2	3.140	10	26	-0	10	26	-0	3	33	18	-0	18	59	15	55
10	27.4	3.940	20	16	-0	10	26	-0	17	19	20	-0	18	31	20	48
11	17.3	2.460	15	21	-0	9	27	-0	15	21	9	-0	15	57	9	49
12	23.3	2.880	36	-0	-0	36	-0	-0	36	-0	10	-0	26	44	10	57
13	22.9	4.510	10	11	15	10	5	21	15	21	15	-0	24	62	23	68
14	21.9	4.070	22	14	-0	36	-0	-0	12	24	14	26	24	65	22	59
15	18.0	3.650	15	21	-0	30	6	-0	15	21	20	14	18	20	20	64
16	30.0	6.500	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
16	30.0	6.500	36	-0	-0	14	22	-0	15	21	27	-0	26	31	27	61
17	26.5	4.490	22	14	-0	11	25	-0	22	14	22	-0	26	45	17	57
18	35.5	6.410	36	-0	-0	15	21	-0	15	21	-0	-0	30	15	36	67
19	21.9	1.990	36	-0	-0	36	-0	-0	18	18	12	-0	24	48	12	55
20	22.0	2.440	36	-0	-0	36	-0	-0	36	-0	12	-0	24	61	12	55
21	30.7	4.000	11	18	7	11	25	-0	33	3	-0	-0	30	28	24	69
22	31.1	4.150	19	17	-0	19	17	-0	19	17	24	-0	28	0	24	77
23	36.0	8.120	29	7	-0	9	27	-0	9	27	15	-0	24	32	25	70
24	36.0	8.160	24	12	-0	18	18	-0	18	18	-0	-0	20	48	36	61
25	36.0	7.670	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
26	20.0	3.800	24	6	6	12	18	6	24	12	24	-0	24	14	24	64
27	32.2	4.184	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	20	-0	24	58
28	34.8	5.202	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	24	-0	33	57
29	32.0	5.968	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	13	-0	32	46
30	32.0	3.352	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	28	-0	28	66
31	36.0	5.726	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	31	-0	36	66
32	24.5	3.146	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	16	-0	16	54
33	30.0	3.198	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	20	-0	20	69
34	17.0	3.178	14	22	-0	12	24	-0	12	24	12	-0	12	6	12	59
35	14.0	3.050	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
36	36.0	7.870	20	16	-0	20	16	-0	20	16	-0	-0	34	28	36	79
37	24.0	4.170	20	16	-0	28	8	-0	20	16	20	-0	22	46	28	74
38	-0.	-0.	16	20	-0	12	24	-0	14	22	24	-0	19	24	24	61
AVG	26.6	4.386	21	17	9	19	21	13	19	20	17	20	21	34	22	62
CVR	26.4	39.910	44	33	51	57	34	79	47	33	32	42	29	55	39	16
MAX	36.0	8.160	36	26	15	36	30	21	36	33	27	26	34	65	36	79
MIN	14.0	1.990	6	6	6	6	5	6	3	3	8	14	12	1	8	37
TOT	38.0	38.000	29	22	4	29	22	2	29	25	24	2	36	28	36	36

```
P   000000        RA  006765        FL  041000        EM  070000

A0  035766        X0  1777000000000000000        B0  000000
A1  036175        X1  0000000000000000000        B1  000007
A2  036174        X2  0000000000000000000        B2  777722
A3  036171        X3  0000000000000000000        B3  777717
A4  036176        X4  0000000000000000000        B4  777645
A5  036171        X5  0000000000000000001        B5  036173
A6  003443        X6  0000000000000000000        B6  000001
A7  035766        X7  1777000000000000000        B7  000006

PM
INDEFINITE OPERAND        P= 003216
                                    CP TIME =000027 SEC   PPCM TIME =000014 SEC
```

DELLA-BIANCA, LINO
HARDWOODS
1958 NORTH CAROLINA

WA4 - WATER AVAILABLE IN B2 WI4 - WATER IMBIBED BY B2

SA4 - PERCENT SAND OF B2 SI4 - PERCENT SILT OF B2

CL4 - PERCENT CLAY OF B2 PH4 - PH READING OF B2

YPA - AGE OF YELLOW POPLAR YPH - HEIGHT OF YELLOW POPLAR

WOA - AGE OF WHITE OAK WOH - HEIGHT OF WHITE OAK

SLA - AGE OF SHORTLEAF PINE SLH - HEIGHT OF SHORTLEAF PINE

SOA - AGE OF SCARLET OAK SOH - HEIGHT OF SCARLET OAK

BOA - AGE OF BLACK OAK BOH - HEIGHT OF BLACK OAK

	WA4	WI4	SA4	SI4	CL4	PH4	YPA	YPH	WOA	WOH	SLA	SLH	SOA	SOH	BOA	BOH
001	8.6	4.3	40.9	24.8	36.1	5.4	164	83	-0	-0	135	78	-0	-0	-0	-0
002	10.5	6.1	27.6	21.3	51.1	5.0	238	77	263	64	-0	-0	-0	-0	-0	-0
003	12.2	7.2	25.1	20.6	54.3	5.0	161	97	-0	-0	128	83	-0	-0	-0	-0
004	12.3	7.3	21.1	19.4	59.5	4.7	-0	-0	244	60	119	70	250	59	263	68
005	10.3	6.5	37.5	21.6	40.9	5.4	123	92	132	84	-0	-0	-0	-0	-0	-0
006	9.8	5.6	35.4	24.1	40.5	5.6	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
007	11.1	6.9	25.6	26.8	47.6	5.0	123	85	167	83	120	79	213	77	167	83
008	11.0	8.1	30.7	20.5	48.8	4.9	111	90	-0	-0	-0	-0	238	71	-0	-0
009	9.1	8.1	22.9	26.9	50.2	5.1	263	67	250	56	-0	-0	-0	-0	-0	-0
010	9.4	5.1	44.0	33.4	22.6	5.0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
011	9.5	4.5	36.0	23.5	40.5	5.2	111	84	185	79	-0	-0	175	79	189	81
012	9.7	5.3	35.0	25.1	40.0	5.4	109	89	-0	-0	109	84	-0	-0	-0	-0
013	10.3	5.5	31.7	27.6	40.7	5.1	112	91	104	89	109	87	-0	-0	115	90
014	14.8	6.2	25.4	38.0	36.6	5.0	196	103	-0	-0	-0	-0	-0	-0	139	94
015	12.2	6.1	16.1	36.1	47.8	4.9	-0	-0	-0	-0	-0	-0	145	83	-0	-0
016	9.2	7.6	24.8	19.2	56.0	5.2	-0	-0	-0	-0	270	58	-0	-0	-0	-0
017	17.4	6.8	15.2	54.3	30.5	5.4	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
018	11.1	6.9	23.3	43.2	33.5	5.4	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
019	11.4	6.9	17.3	44.2	38.5	4.9	345	71	256	66	-0	-0	385	54	357	52
020	8.7	4.9	35.9	22.2	41.9	5.2	238	66	233	70	-0	-0	-0	-0	208	65
021	10.5	8.7	40.1	14.7	45.2	4.5	222	83	208	85	-0	-0	217	82	-0	-0
022	10.1	7.8	19.2	20.1	60.7	4.6	-0	-0	154	54	-0	-0	-0	-0	196	50
023	9.1	6.3	41.9	28.9	29.2	5.6	154	98	-0	-0	149	73	-0	-0	-0	-0
024	8.3	7.4	29.9	22.1	48.0	5.0	133	86	-0	-0	125	74	-0	-0	-0	-0
025	9.0	3.3	58.1	24.1	17.8	5.5	222	88	-0	-0	-0	-0	-0	-0	-0	-0
026	7.0	5.2	56.1	14.4	29.5	4.9	-0	-0	222	71	-0	-0	182	77	208	69
027	11.6	2.4	26.2	43.7	30.1	5.0	-0	-0	189	59	208	54	222	68	200	66
028	9.4	5.9	33.0	21.0	46.0	5.0	172	70	200	68	154	53	185	58	208	68
029	8.1	7.0	32.0	20.0	48.0	5.0	-0	-0	189	59	130	67	-0	-0	-0	-0
030	7.5	5.4	31.0	22.0	48.0	4.8	227	91	-0	-0	-0	-0	224	83	227	86
031	9.6	9.9	23.0	20.0	57.0	4.7	196	90	-0	-0	116	77	222	83	238	90
032	9.2	11.0	24.0	24.0	51.0	4.8	167	84	167	74	172	72	-0	-0	167	74
033	8.1	5.5	56.0	16.0	28.0	5.0	147	97	200	76	169	70	-0	-0	-0	-0
034	10.8	9.0	27.0	26.0	47.0	4.8	167	101	179	82	-0	-0	161	92	164	88
035	8.9	7.2	30.0	25.0	45.0	5.0	161	87	167	84	167	73	-0	-0	-0	-0
036	11.1	9.4	29.0	23.0	48.0	5.0	-0	-0	164	76	149	73	-0	-0	-0	-0
036	8.0	6.7	47.0	20.0	33.0	5.8	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
036	8.7	5.1	36.0	17.0	46.0	5.1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
037	10.3	7.1	37.0	19.0	44.0	5.2	143	91	139	86	123	82	-0	-0	-0	-0
038	8.6	6.0	44.0	16.0	40.0	5.1	196	77	200	76	115	71	-0	-0	-0	-0
039	9.2	7.2	44.0	17.0	39.0	4.9	120	102	167	77	-0	-0	-0	-0	-0	-0
040	8.1	5.6	47.0	16.0	37.0	5.1	185	82	208	72	-0	-0	208	94	-0	-0
041	9.8	8.3	38.0	31.0	29.0	5.0	185	83	185	80	200	74	-0	-0	182	75
042	14.7	10.2	41.0	30.0	29.0	5.1	167	93	152	80	-0	-0	172	99	159	86
043	12.0	8.6	21.0	20.0	59.0	5.1	-0	-0	156	84	-0	-0	179	81	185	86
044	11.1	6.9	35.0	21.0	44.0	5.0	-0	-0	200	67	132	68	-0	-0	-0	-0
045	11.5	8.6	21.0	23.0	57.0	5.0	-0	-0	156	76	164	68	200	76	-0	-0
046	9.3	5.2	33.0	16.0	51.0	5.2	-0	-0	175	56	161	62	189	64	-0	-0
047	9.5	5.5	39.0	22.0	39.0	5.5	192	74	161	70	98	68	-0	-0	172	69
048	8.7	6.2	30.0	20.0	50.0	5.1	-0	-0	182	63	145	61	-0	-0	-0	-0
049	7.6	4.8	44.0	15.0	41.0	5.4	159	80	192	74	103	66	185	79	213	66
050	12.0	9.7	25.0	28.0	47.0	5.1	156	80	250	62	135	68	-0	-0	-0	-0
052	9.0	6.6	38.0	18.0	44.0	5.1	152	80	179	81	179	77	-0	-0	189	84
053	9.6	8.2	33.0	19.0	49.0	5.1	167	76	192	73	154	74	192	88	189	76
054	10.7	8.5	35.0	25.0	40.0	5.2	149	92	238	71	227	70	227	91	220	86
055	7.5	4.1	47.0	21.0	32.0	5.3	233	82	208	76	-0	-0	-0	-0	-0	-0
056	7.2	5.1	28.0	23.0	49.0	5.8	152	104	-0	-0	-0	-0	-0	-0	-0	-0
057	7.4	5.3	32.0	17.0	52.0	5.4	161	89	154	88	-0	-0	-0	-0	-0	-0
058	9.1	6.6	34.0	26.0	40.0	5.4	175	75	185	77	-0	-0	-0	-0	200	76
059	8.3	6.4	24.0	25.0	51.0	6.0	154	103	-0	-0	-0	-0	-0	-0	-0	-0
060	8.6	7.1	53.0	16.0	30.0	5.3	-0	-0	179	81	-0	-0	-0	-0	172	80
061	11.1	8.5	28.0	27.0	45.0	5.1	112	119	-0	-0	106	102	-0	-0	-0	-0
062	9.2	5.4	28.0	22.0	49.0	5.5	182	116	-0	-0	112	100	-0	-0	-0	-0
063	10.3	7.4	33.0	20.0	47.0	5.1	-0	-0	112	89	111	85	-0	-0	-0	-0
064	10.1	7.9	28.0	21.0	51.0	5.2	179	86	-0	-0	111	86	-0	-0	-0	-0
065	10.4	6.1	32.0	14.0	54.0	5.2	-0	-0	154	62	152	66	-0	-0	-0	-0
066	10.0	14.5	33.0	14.0	53.0	4.6	-0	-0	-0	-0	161	70	-0	-0	-0	-0
067	12.7	6.5	21.0	28.0	52.0	5.1	164	80	74	81	143	66	222	73	-0	-0
068	10.8	8.9	20.0	25.0	55.0	5.7	-0	-0	196	63	-0	-0	208	64	-0	-0
069	8.2	6.3	15.0	22.0	63.0	5.8	-0	-0	161	60	-0	-0	217	58	189	61
070	8.9	6.1	22.0	14.0	64.0	5.4	-0	-0	143	56	161	49	-0	-0	-0	-0

071	7.3	3.8	29.0	14.0	56.0	5.9	-0	-0	94	61	132	54	-0	-0	-0	-0
072	7.0	5.7	22.0	16.0	61.0	5.5	-0	-0	147	76	139	67	-0	-0	125	81
073	7.4	7.6	32.0	15.0	53.0	5.2	139	102	143	88	141	80	-0	-0	-0	-0
074	9.5	6.7	46.0	19.0	35.0	5.2	114	96	175	85	182	82	-0	-0	-0	-0
075	8.4	6.4	40.0	18.0	42.0	5.0	-0	-0	185	71	175	65	-0	-0	-0	-0
076	9.3	7.0	53.0	24.0	23.0	4.9	172	105	-0	-0	149	88	-0	-0	-0	-0
077	8.7	6.1	41.0	20.0	38.0	5.1	132	96	-0	-0	147	89	-0	-0	-0	-0
078	7.4	5.7	40.0	20.0	40.0	5.4	-0	-0	-0	-0	196	73	-0	-0	-0	-0
079	8.8	5.8	41.0	25.0	34.0	5.1	227	98	-0	-0	132	71	-0	-0	-0	-0
080	9.8	6.3	40.0	26.0	36.0	4.9	233	88	263	64	-0	-0	-0	-0	233	68
081	8.0	5.5	48.0	22.0	30.0	5.3	182	102	-0	-0	179	90	-0	-0	-0	-0
082	9.9	8.4	37.0	22.0	41.0	4.8	143	90	-0	-0	-0	-0	-0	-0	-0	-0
083	11.7	9.1	37.0	27.0	36.0	5.0	172	78	189	72	189	68	200	84	179	78
084	8.2	7.9	32.0	15.0	53.0	5.0	-0	-0	-0	-0	256	57	-0	-0	-0	-0
085	8.2	8.3	26.0	21.0	54.0	5.2	-0	-0	133	86	139	75	-0	-0	128	96
086	8.4	6.7	20.0	31.0	49.0	4.8	-0	-0	123	80	-0	-0	130	80	128	73
087	8.5	6.9	39.0	19.0	42.0	5.2	312	68	-0	-0	244	55	-0	-0	-0	-0
088	9.1	9.7	40.0	19.0	41.0	4.7	-0	-0	-0	-0	196	68	-0	-0	-0	-0
089	9.4	7.8	48.0	17.0	35.0	4.9	164	88	161	78	-0	-0	217	78	147	90
090	9.5	5.4	16.0	36.0	78.0	5.6	250	86	-0	-0	152	75	-0	-0	-0	-0
091	10.0	3.4	17.0	31.0	52.0	5.3	244	76	227	76	-0	-0	-0	-0	200	72
092	6.9	4.7	36.0	18.0	46.0	5.3	156	80	156	70	-0	-0	-0	-0	155	73
093	10.0	8.5	29.0	23.0	48.0	5.0	167	80	182	79	-0	-0	-0	-0	172	84
094	12.1	7.9	26.0	40.0	33.0	4.6	-0	-0	-0	-0	303	46	-0	-0	-0	-0
095	7.4	5.9	36.0	12.0	52.0	5.2	149	81	161	85	147	74	-0	-0	208	84
096	8.5	6.9	30.0	19.0	50.0	5.1	189	62	192	65	175	60	-0	-0	-0	-0
097	9.2	7.9	34.0	24.0	43.0	5.2	185	90	-0	-0	139	88	-0	-0	156	86
098	8.1	6.9	36.0	17.0	47.0	5.2	-0	-0	-0	-0	182	64	-0	-0	-0	-0
099	11.0	9.6	26.0	24.0	50.0	5.5	154	92	-0	-0	175	74	-0	-0	-0	-0
100	9.7	7.3	44.0	16.0	41.0	5.2	-0	-0	97	98	94	96	-0	-0	-0	-0
101	5.8	5.2	73.0	14.0	13.0	5.5	312	87	-0	-0	-0	-0	-0	-0	-0	-0
102	8.6	8.1	27.0	21.0	52.0	4.9	152	90	167	78	156	69	-0	-0	-0	-0
103	7.1	6.3	48.0	19.0	33.0	4.8	185	71	189	67	-0	-0	-0	-0	103	77
104	7.9	6.5	47.0	20.0	33.0	5.2	154	80	152	81	154	72	-0	-0	161	88
105	10.0	6.1	13.0	25.0	63.0	5.1	-0	-0	270	51	154	58	263	57	303	50
106	8.9	6.9	18.0	81.0	.4	5.2	222	67	244	59	-0	-0	-0	-0	238	64
107	10.7	8.5	22.0	19.0	59.0	5.2	132	74	263	60	263	56	250	74	-0	-0
108	7.5	5.0	54.0	18.0	30.0	4.8	159	92	-0	-0	110	96	-0	-0	-0	-0
109	7.6	4.5	51.0	17.0	32.0	5.2	233	70	-0	-0	112	72	-0	-0	-0	-0
110	8.4	5.2	55.0	13.0	32.0	4.7	130	80	200	74	120	89	213	77	172	69
111	6.1	3.7	72.0	14.0	14.0	5.2	-0	-0	222	64	116	83	217	75	-0	-0
112	8.0	6.2	48.0	18.0	34.0	5.0	-0	-0	196	65	-0	-0	208	78	208	76
113	7.5	5.0	45.0	10.0	45.0	5.1	312	66	208	64	-0	-0	227	68	213	69
114	6.9	7.0	45.0	19.0	36.0	4.9	-0	-0	179	73	141	78	179	84	167	82
115	9.6	12.0	17.0	18.0	66.0	5.1	-0	-0	-0	-0	333	42	-0	-0	-0	-0
116	8.4	6.6	41.0	17.0	42.0	4.8	175	64	-0	-0	303	44	286	50	294	48
117	9.6	7.4	36.0	65.0	0.	5.1	-0	-0	-0	-0	196	59	-0	-0	323	60
118	10.3	9.2	30.0	15.0	55.0	5.0	-0	-0	312	47	357	47	333	53	312	46
119	7.9	6.0	50.0	14.0	36.0	5.2	323	46	-0	-0	354	38	-0	-0	-0	-0
120	7.5	4.7	65.0	23.0	12.0	4.7	213	114	-0	-0	84	118	-0	-0	-0	-0
121	5.9	3.5	77.0	13.0	11.0	5.2	222	118	139	10	200	-0	-0	-0	-0	-0
122	7.2	6.0	42.0	16.0	42.0	5.2	192	95	182	76	125	96	152	97	-0	-0
123	9.3	8.8	46.0	20.0	34.0	5.1	185	94	-0	-0	-0	-0	172	10	200	-0
124	9.0	7.8	38.0	16.0	46.0	5.4	208	89	159	82	104	92	167	92	185	96
125	8.0	5.9	40.0	16.0	43.0	5.2	147	81	141	80	-0	-0	-0	-0	196	83
126	10.2	7.9	42.0	18.0	40.0	5.3	167	94	109	92	-0	-0	-0	-0	-0	-0
127	7.9	5.6	36.0	19.0	46.0	4.8	222	72	156	70	152	69	189	73	147	75
128	8.6	6.4	31.0	16.0	53.0	4.9	222	74	192	69	-0	-0	217	69	161	66
129	8.2	5.4	38.0	12.0	50.0	5.1	154	75	147	67	159	72	159	77	145	76
130	7.7	6.4	39.0	16.0	45.0	5.3	139	92	169	67	115	84	-0	-0	156	82
131	7.8	5.5	48.0	26.0	25.0	5.4	135	88	156	76	149	81	-0	-0	-0	-0
132	9.4	10.0	41.0	17.0	42.0	4.9	139	90	145	89	98	99	164	90	-0	-0
133	14.9	8.0	8.8	42.0	40.0	5.0	-0	-0	-0	-0	167	79	-0	-0	-0	-0
134	18.3	6.9	21.0	39.0	40.0	4.9	-0	-0	105	66	119	60	115	74	-0	-0
135	13.4	9.5	10.0	39.0	50.0	4.9	-0	-0	233	52	-0	-0	227	66	213	60
137	12.0	12.9	23.0	23.0	54.0	5.3	-0	-0	-0	-0	333	49	-0	-0	-0	-0
138	20.7	8.3	14.0	41.0	44.0	4.7	-0	-0	-0	-0	278	51	-0	-0	-0	-0
139	17.9	8.4	10.0	37.0	53.0	4.7	-0	-0	-0	-0	278	48	-0	-0	-0	-0
140	18.6	9.0	9.0	39.0	52.0	5.1	-0	-0	-0	-0	263	49	-0	-0	-0	-0
141	9.7	9.5	53.0	13.0	33.0	5.2	200	70	192	64	169	74	-0	-0	-0	-0
142	8.6	7.5	41.0	18.0	41.0	5.9	-0	-0	-0	-0	270	54	250	60	-0	-0
143	9.0	8.0	43.0	24.0	33.0	5.3	-0	-0	-0	-0	149	61	-0	-0	-0	-0
144	12.3	11.3	32.0	22.0	45.0	5.4	-0	-0	94	74	102	81	114	73	-0	-0
145	11.9	11.8	39.0	19.0	42.0	5.3	333	60	323	49	357	46	333	56	-0	-0
146	10.0	10.8	35.0	14.0	50.0	5.4	-0	-0	108	73	167	74	256	77	-0	-0
147	9.4	11.3	35.0	13.0	52.0	5.4	278	55	244	57	192	66	238	71	263	56
148	8.4	9.0	47.0	14.0	39.0	5.4	169	91	88	90	156	76	152	95	156	76
201	7.7	3.3	50.0	22.0	28.0	5.0	106	100	-0	-0	106	83	-0	-0	-0	-0
202	8.4	4.5	62.0	21.0	17.0	5.0	200	92	-0	-0	-0	-0	-0	-0	-0	-0
203	11.8	8.0	23.0	40.0	36.0	4.7	-0	-0	-0	-0	161	72	167	73	-0	-0
204	7.3	5.5	32.0	18.0	51.0	5.0	167	84	152	80	-0	-0	-0	-0	-0	-0
205	8.2	6.5	33.0	25.0	43.0	5.4	213	88	-0	-0	-0	-0	217	76	-0	-0
206	8.0	4.9	44.0	32.0	24.0	4.7	-0	-0	161	76	175	76	164	67	159	72
207	8.5	7.2	39.0	21.0	40.0	5.3	179	83	196	75	192	71	-0	-0	196	76
AVG	9.6	7.0	34.9	22.9	42.6	5.1	183	85	179	72	168	71	207	74	193	75
SVR	24.4	28.0	36.0	41.9	27.3	5.4	26	15	26	17	37	20	25	20	26	15
MAX	20.7	14.5	77.0	81.0	78.0	6.0	345	119	323	98	357	118	385	99	357	96
MIN	5.8	3.4	8.8	10.0	.4	4.5	106	46	74	10	84	38	114	10	102	46
TOT	155.0	155.0	155.0	155.0	154.0	155.0	98	98	97	97	102	101	54	54	60	59

DELLA-BIANCA,LINO
HARDWOODS
1958, NORTH CAROLINA

ME1- MOISTURE EQUIVALENT OF A1 WP1- WILTING POINT OF A1

WA1- WATER AVAILABLE IN A2 SA1- PERCENT SAND OF A1

SI1- PERCENT SILT OF A1 CL1- PERCENT CLAY OF A1

OM1- ORGANIC MATTER OF A1 TH1- THICKNESS OF A1

PH1- PH READING OF A1

ME2- MOISTURE EQUIVALENT OF A2 WP2- WILTING POINT OF A2

WA2- WATER AVAILABLE IN A2 SA2- PERCENT SAND OF A2

SI2- PERCENT SILT OF A2

		ME1	WP1	WA1	SA1	SI1	CL1	OM1	TH1	PH1	ME2	WP2	WA2	SA2	SI2
001	134	28.3	13.6	14.7	46.0	28.0	26.0	7.2	2.5	5.7	19.4	9.7	9.7	51.7	21.0
002	034	26.5	15.2	11.3	46.0	26.0	28.0	7.0	2.0	5.4	22.1	9.8	12.3	46.3	25.0
003	034	31.1	19.2	11.9	41.0	28.0	31.0	10.4	1.5	5.7	23.9	10.2	13.7	46.7	25.0
004	134	31.9	16.9	15.0	52.0	21.0	26.0	12.9	1.5	4.8	26.0	11.0	15.0	52.0	22.0
005	134	32.9	24.0	8.9	52.0	26.0	21.0	12.0	1.0	6.1	21.1	9.9	11.2	51.8	27.0
006	014	26.9	18.6	8.3	50.0	27.0	23.0	9.7	1.0	6.0	18.3	8.6	9.7	54.9	24.0
007	134	32.1	21.7	10.4	48.0	27.0	24.0	13.0	1.0	5.6	20.2	8.7	11.5	49.8	25.0
008	014	33.4	19.8	13.6	55.0	26.0	20.0	11.8	.5	5.6	18.3	7.2	11.1	59.1	22.0
009	004	41.4	26.1	15.3	40.0	37.0	23.0	16.0	.4	6.5	29.4	14.7	14.7	54.9	28.0
010	014	21.6	11.9	9.7	49.0	39.0	12.0	9.5	1.6	4.7	14.0	3.1	10.9	56.5	33.0
011	004	45.9	40.4	5.5	48.0	27.0	25.0	24.9	1.3	5.6	24.7	11.7	13.0	47.8	28.0
012	034	25.8	12.8	13.0	40.0	31.0	29.0	5.2	7.0	5.8	0.	0.	0.	0.	0.
013	134	34.5	24.3	10.2	50.0	29.0	21.0	18.4	.4	5.3	21.3	10.3	11.0	51.6	27.0
014	004	42.8	27.1	15.7	30.0	41.0	29.0	17.0	.2	5.0	33.0	14.2	18.8	30.6	42.0
015	034	54.4	32.2	22.2	39.0	36.0	25.0	25.6	.5	4.0	28.4	12.6	15.8	31.5	40.0
016	034	40.3	21.4	18.9	47.0	28.0	25.0	15.2	.2	5.6	24.2	14.1	10.1	36.0	32.0
017	004	44.9	19.7	25.2	30.0	45.0	25.0	14.4	1.0	5.9	22.9	9.0	13.9	32.8	45.0
018	234	54.4	30.5	23.9	26.0	46.0	29.0	15.0	1.0	5.7	31.2	15.5	15.7	18.9	48.0
019	004	55.8	26.6	29.2	42.0	32.0	25.0	15.9	.8	6.1	29.7	16.3	13.4	40.4	33.0
020	004	38.7	21.4	17.3	39.0	33.0	28.0	13.2	1.0	6.1	27.3	12.0	15.3	44.3	29.0
021	014	20.7	11.2	9.5	58.0	16.0	26.0	7.9	2.8	5.7	12.2	4.3	7.9	68.5	17.0
022	134	44.7	25.3	19.4	57.0	27.0	16.0	21.8	1.0	4.0	27.8	9.2	18.6	49.8	25.0
023	134	31.6	20.9	10.7	55.0	28.0	16.0	12.3	4.1	6.4	15.0	7.4	7.6	61.3	22.0
024	004	36.5	21.5	15.0	48.0	28.0	24.0	13.6	1.0	6.4	23.4	15.1	8.3	49.6	30.0
025	014	24.2	13.2	11.0	54.0	32.0	14.0	8.1	2.2	6.3	9.8	4.1	5.7	75.4	15.0
026	014	21.4	10.5	10.9	65.0	24.0	12.0	9.5	.5	5.3	12.1	4.2	7.9	66.6	21.0
027	024	36.9	25.6	11.3	34.0	53.0	14.0	16.2	1.0	5.7	20.8	5.1	15.7	30.0	53.0
028	134	50.9	27.5	23.4	52.0	30.0	18.0	19.2	.7	5.7	22.7	8.6	14.1	52.2	24.0
029	014	21.3	11.2	10.1	65.0	22.0	13.0	9.4	1.3	5.7	12.4	4.4	8.0	66.7	19.0
030	014	30.5	23.2	7.3	54.0	29.0	17.0	14.0	2.1	6.8	19.1	8.4	10.6	56.0	25.0
031	014	32.1	19.4	12.7	58.0	26.0	16.0	13.2	1.4	6.3	15.9	6.2	9.6	59.4	22.0
032	134	31.9	19.2	12.7	53.0	30.0	17.0	16.6	.8	5.7	19.0	7.4	11.6	54.4	25.0
033	014	18.4	9.2	9.2	64.0	25.0	11.0	5.6	2.8	5.8	12.2	3.9	8.3	66.9	19.0
034	134	36.7	22.1	14.6	50.0	28.0	21.0	14.2	.7	5.8	23.4	10.2	13.2	49.2	26.0
035	134	31.3	20.4	10.9	54.0	28.0	18.0	13.3	1.6	5.4	19.5	7.8	11.7	53.2	26.0
036	014	31.8	21.6	10.2	53.0	33.0	14.0	13.5	.8	4.9	20.2	6.2	14.0	52.9	30.0
036	134	36.0	0.	0.	52.0	23.0	25.0	15.2	0.	6.7	24.7	12.6	12.1	50.0	24.0
036	034	54.6	0.	0.	50.0	23.0	27.0	20.8	0.	5.7	22.8	14.8	8.0	41.0	25.0
037	134	32.4	17.0	15.4	43.0	32.0	26.0	11.9	1.0	5.5	19.4	8.3	11.1	54.3	24.0
038	014	19.9	10.6	9.3	62.0	25.0	12.0	8.0	3.4	5.4	13.7	3.9	9.8	61.6	21.0
039	014	20.8	10.2	10.6	62.0	25.0	13.0	7.4	2.4	5.5	16.2	5.2	11.0	59.7	23.0
040	014	19.7	7.4	12.3	58.0	28.0	14.0	5.0	3.4	5.3	14.3	3.5	10.8	62.5	21.0
041	014	19.1	7.9	11.2	64.0	23.0	13.0	7.7	1.9	5.5	17.2	5.7	11.5	59.7	21.0
042	134	35.2	15.4	19.8	55.0	25.0	20.0	14.4	1.0	4.9	25.6	9.3	16.3	51.6	25.0
043	134	51.1	34.4	16.7	59.0	22.0	19.0	21.2	1.5	5.1	26.0	10.9	15.1	51.3	22.0
044	134	42.4	23.6	18.8	58.0	26.0	16.0	21.5	1.6	4.4	21.1	6.5	14.6	54.4	25.0
045	134	58.1	37.6	20.5	60.0	23.0	17.0	30.8	1.0	4.6	25.2	10.2	15.0	53.2	23.0
046	014	38.2	27.7	10.5	65.0	23.0	12.0	25.5	1.5	3.9	17.9	5.4	12.5	63.2	21.0
047	004	52.1	32.9	19.2	44.0	32.0	25.0	20.1	1.3	4.6	24.6	12.7	11.9	45.5	30.0
048	014	28.1	15.3	12.8	63.0	23.0	14.0	15.4	1.2	4.3	16.6	5.8	10.8	61.7	23.0
049	134	38.8	17.4	21.4	43.0	34.0	23.0	10.7	1.1	4.8	17.6	8.0	9.6	53.8	24.0
050	034	40.8	19.4	21.4	46.0	30.0	24.0	11.6	.9	5.2	27.6	14.2	13.4	41.1	31.0
052	014	21.4	9.7	11.7	66.0	23.0	11.0	7.8	1.1	5.3	15.6	4.6	11.0	66.2	21.0
053	014	27.9	13.9	14.0	62.0	26.0	12.0	14.9	1.5	4.3	18.1	5.2	12.9	62.9	24.0
054	014	28.8	15.1	13.7	55.0	28.0	16.0	9.2	1.0	5.6	23.2	9.6	13.6	55.4	26.0
055	134	24.2	14.0	10.2	60.0	26.0	14.0	7.1	3.6	6.2	18.3	9.2	9.1	49.4	26.0
056	034	38.0	28.9	9.1	60.0	26.0	14.0	15.3	1.0	6.8	26.8	17.6	9.2	35.5	31.0
057	034	30.8	21.2	9.6	54.0	28.0	18.0	11.0	1.4	6.7	22.9	13.5	9.4	40.8	28.0
058	004	33.8	23.6	10.2	56.0	29.0	15.0	14.6	1.0	6.7	23.2	12.4	10.8	43.4	34.0
059	034	41.8	32.9	8.9	49.0	31.0	20.0	17.8	1.1	6.7	29.0	18.9	10.1	34.9	32.0
060	014	18.5	8.3	10.2	65.0	22.0	14.0	5.2	4.0	5.4	14.0	5.2	8.8	63.0	18.0
061	134	34.5	20.8	13.7	58.0	26.0	16.0	12.4	1.8	5.7	23.0	11.5	11.5	51.2	22.0
062	134	22.6	11.5	11.1	65.0	25.0	10.0	7.2	2.2	5.6	17.1	9.2	7.9	58.1	19.0
063	014	26.6	12.1	14.5	66.0	22.0	12.0	13.5	1.6	4.9	17.1	5.8	11.3	58.0	26.0
064	134	29.7	13.0	16.7	49.0	30.0	21.0	9.8	1.6	5.4	20.1	9.1	11.0	53.0	25.0
065	134	26.8	10.9	15.9	65.0	22.0	13.0	15.9	1.0	4.1	18.8	4.6	14.2	56.0	22.0
066	014	18.7	9.5	9.2	61.0	27.0	12.0	7.0	1.3	4.8	13.0	4.6	8.4	57.0	26.0
067	034	41.3	26.0	15.3	48.0	31.0	21.0	20.6	2.0	4.5	27.0	16.5	10.5	32.0	29.0
068	034	32.9	23.5	9.4	53.0	32.0	15.0	22.2	1.4	4.5	25.7	13.6	12.1	30.0	33.0
069	034	30.7	18.5	12.2	43.0	30.0	27.0	16.3	1.0	4.6	26.4	11.3	15.1	34.0	32.0

070	004	34.6	18.2	16.4	60.0	22.0	18.0	20.8	1.9	3.9	18.8	4.1	14.7	52.0	28.0
071	014	34.5	22.9	11.6	57.0	29.0	15.0	17.8	1.5	3.9	16.1	3.6	12.5	56.0	26.0
072	004	32.7	17.1	15.6	47.0	34.0	19.0	13.3	1.1	5.4	18.2	6.5	11.7	43.0	34.0
073	014	26.2	14.3	11.9	62.0	23.0	16.0	12.1	1.2	5.4	14.8	4.4	10.4	57.0	26.0
074	014	23.0	10.4	12.6	54.0	25.0	21.0	4.1	3.4	5.5	16.4	6.8	9.6	57.0	23.0
075	014	19.8	9.0	10.8	65.0	20.0	15.0	7.1	1.6	4.5	14.8	5.1	9.4	64.0	19.0
076	014	18.3	9.6	8.7	68.0	22.0	10.0	6.2	4.2	6.0	11.3	3.1	8.2	68.0	20.0
077	134	32.4	17.6	14.8	57.0	20.0	22.0	12.4	.9	5.5	23.0	10.2	12.8	51.0	24.0
078	134	19.6	9.9	9.7	70.0	20.0	10.0	7.4	1.6	5.4	14.4	5.8	8.6	55.0	25.0
079	004	44.9	31.1	13.8	55.0	27.0	18.0	16.8	.5	6.1	31.5	17.4	14.1	35.0	40.0
080	004	36.5	24.0	12.5	51.0	33.0	16.0	15.2	1.4	5.8	19.9	10.7	9.2	47.0	30.0
081	134	25.2	17.4	7.8	52.0	31.0	16.0	9.5	1.7	6.0	19.4	9.6	9.8	49.0	25.0
082	014	21.5	9.7	11.8	70.0	16.0	14.0	7.5	.7	5.6	16.7	6.2	10.5	59.0	23.0
083	014	30.5	19.2	11.3	57.0	29.0	13.0	14.2	1.1	5.7	17.3	6.1	11.2	57.0	27.0
084	014	22.5	12.6	9.9	70.0	22.0	7.0	14.3	1.1	4.2	11.7	3.8	7.9	60.0	25.0
085	004	36.0	22.6	13.4	56.0	28.0	16.0	14.6	1.1	5.6	19.5	8.8	10.7	45.0	30.0
086	024	41.7	21.6	20.1	55.0	36.0	10.0	19.0	1.9	4.4	19.6	5.0	14.6	33.0	51.0
087	014	20.0	11.2	8.8	72.0	20.0	9.0	8.9	.5	4.8	10.4	3.8	6.6	65.0	21.0
088	014	21.3	10.8	10.5	66.0	23.0	11.0	9.6	1.5	4.5	10.0	4.0	6.0	58.0	27.0
089	014	10.6	4.2	6.4	77.0	16.0	8.0	3.9	3.9	5.3	7.3	2.1	5.2	73.0	18.0
090	034	46.7	31.7	15.0	36.0	41.0	23.0	21.3	.4	5.4	26.7	13.8	12.9	24.0	45.0
091	034	39.4	17.4	22.0	42.0	39.0	19.0	13.6	1.2	4.7	29.1	8.7	20.4	21.0	47.0
092	014	21.5	10.4	11.1	71.0	18.0	10.0	8.9	1.0	5.7	15.3	4.8	10.5	58.0	23.0
093	014	21.0	9.2	11.8	68.0	20.0	13.0	8.1	1.2	5.1	15.3	4.1	11.2	63.0	21.0
094	024	34.5	18.0	16.5	52.0	37.0	11.0	16.8	.4	4.9	20.8	6.2	14.6	34.0	50.0
095	014	20.0	9.7	10.3	70.0	17.0	13.0	8.3	1.4	5.9	13.4	5.2	8.2	67.0	17.0
096	134	30.4	14.5	15.9	55.0	23.0	22.0	11.7	2.2	5.5	21.0	9.1	11.9	49.0	23.0
097	004	27.0	16.6	10.4	59.0	25.0	16.0	14.6	2.5	6.4	17.4	7.4	10.0	52.0	28.0
098	134	27.4	17.1	10.3	58.0	24.0	17.0	12.2	2.4	5.6	18.9	8.5	10.4	53.0	22.0
099	004	35.8	22.0	13.8	48.0	33.0	19.0	14.2	1.4	6.1	24.6	12.5	12.1	46.0	30.0
100	134	25.2	15.4	9.8	68.0	21.0	11.0	9.6	3.6	6.0	16.1	7.5	8.6	57.0	22.0
101	014	19.4	9.8	9.6	68.0	17.0	15.0	4.4	4.5	5.4	8.9	4.0	4.9	75.0	14.0
102	014	32.4	15.5	16.9	67.0	16.0	16.0	14.7	.9	5.6	18.7	6.0	12.7	61.0	21.0
103	014	17.1	6.8	10.3	70.0	20.0	10.0	6.9	3.9	5.5	11.5	3.3	8.2	67.0	21.0
104	014	15.6	5.8	9.8	71.0	18.0	11.0	4.7	5.5	5.8	12.1	2.8	9.3	66.0	21.0
105	003	46.6	28.6	18.0	43.0	30.0	27.0	27.0	1.2	5.3	29.8	16.6	13.2	20.0	37.0
106	034	34.4	17.2	17.2	49.0	32.0	20.0	10.4	1.0	5.9	25.7	11.8	14.7	36.0	36.0
107	034	37.1	20.5	16.6	68.0	15.0	16.0	13.4	1.1	5.7	25.5	13.8	11.7	41.0	30.0
108	134	15.3	6.2	9.1	80.0	10.0	10.0	4.2	9.9	5.2	16.9	4.8	12.1	58.0	20.0
109	014	19.4	6.9	12.5	67.0	18.0	15.0	4.6	6.5	5.1	13.8	4.5	9.3	66.0	17.0
110	134	25.4	13.4	12.0	72.0	15.0	13.0	11.2	1.5	5.4	18.2	6.5	11.7	57.0	20.0
111	014	19.1	7.9	11.2	71.0	16.0	14.0	7.9	2.2	4.7	12.8	6.4	6.4	66.0	16.0
112	134	22.2	10.1	12.1	58.0	26.0	16.0	6.2	7.2	5.3	19.2	8.0	11.2	50.0	24.0
113	014	18.9	8.5	10.4	74.0	15.0	11.0	8.2	1.8	4.8	11.9	3.1	8.8	70.0	17.0
114	014	20.8	10.7	10.1	72.0	20.0	8.0	8.0	2.9	5.7	12.0	3.3	8.7	62.0	26.0
115	134	40.2	24.6	15.6	66.0	20.0	15.0	19.5	.2	4.6	18.2	9.6	8.6	53.0	24.0
116	014	25.1	13.7	11.4	67.0	20.0	13.0	10.0	1.6	4.4	18.0	6.2	11.8	58.0	24.0
117	134	22.9	10.5	12.4	60.0	25.0	15.0	9.3	1.4	4.9	18.6	6.8	11.8	54.0	25.0
118	014	22.6	9.8	12.8	64.0	22.0	15.0	9.8	2.4	4.4	17.7	5.8	11.9	58.0	23.0
119	014	13.9	6.2	7.7	72.0	18.0	10.0	5.7	.7	4.4	10.6	4.2	6.4	65.0	20.0
120	014	21.0	11.6	9.4	54.0	37.0	9.0	2.7	5.5	5.3	13.1	6.3	6.8	59.0	28.0
121	014	23.8	10.3	13.5	49.0	42.0	9.0	4.2	6.4	6.4	10.4	4.6	5.8	62.0	26.0
122	134	21.1	10.4	10.7	64.0	17.0	19.0	7.6	3.2	5.7	16.9	7.8	9.1	57.0	20.0
123	134	23.2	6.3	16.9	57.0	21.0	22.0	6.7	4.6	6.1	20.9	10.9	10.0	49.0	22.0
124	134	21.2	8.8	12.4	56.0	22.0	22.0	6.0	4.5	6.0	19.0	9.7	9.3	48.0	24.0
125	134	26.4	10.4	16.0	60.0	21.0	18.0	9.9	2.0	5.7	18.0	7.8	10.2	58.0	21.0
126	134	24.1	14.8	9.3	54.0	23.0	23.0	7.2	4.9	6.0	20.6	12.4	8.2	45.0	22.0
127	014	26.8	11.4	15.4	57.0	25.0	18.0	10.0	.9	5.3	17.5	6.7	11.1	54.0	28.0
128	014	30.4	15.9	14.5	56.0	28.0	16.0	13.3	1.2	5.2	17.9	6.4	11.5	56.0	26.0
129	014	20.8	9.4	11.4	68.0	20.0	12.0	9.7	1.6	4.7	13.3	4.1	9.2	67.0	19.0
130	134	25.9	14.0	11.9	54.0	25.0	21.0	8.5	3.2	5.8	18.3	8.8	9.5	50.0	24.0
131	014	18.6	10.3	8.3	63.0	24.0	13.0	5.6	5.2	6.0	15.1	5.6	9.5	59.0	26.0
132	014	14.3	6.7	7.6	68.0	19.0	12.0	4.6	4.4	5.5	11.8	3.9	7.9	65.0	20.0
133	034	46.0	26.1	19.9	31.0	46.0	23.0	18.3	.9	5.1	30.4	9.7	20.7	21.0	49.0
134	024	40.2	17.0	23.2	22.0	58.0	21.0	13.3	.6	4.1	25.5	6.4	19.1	18.0	58.0
135	024	42.8	17.5	25.3	27.0	49.0	24.0	16.2	1.0	4.3	27.2	7.2	20.0	23.0	54.0
137	134	30.2	18.1	12.1	48.0	27.0	25.0	12.1	.9	5.6	19.6	10.9	8.7	47.0	22.0
138	024	61.5	47.6	13.9	40.0	41.0	19.0	38.8	1.4	5.0	30.8	9.6	21.2	22.0	51.0
139	234	40.5	36.7	3.8	40.0	40.0	21.0	34.7	1.1	4.7	31.0	9.8	21.2	18.0	47.0
140	234	40.5	33.7	6.8	35.0	46.0	20.0	28.8	.8	4.8	29.6	8.5	21.1	18.0	47.0
141	014	20.7	13.6	7.1	69.0	18.0	14.0	9.3	1.9	5.7	12.7	6.6	6.1	74.0	13.0
142	134	33.2	22.2	11.0	52.0	28.0	19.0	16.0	1.2	4.5	19.3	9.6	9.7	53.0	25.0
143	134	33.8	18.7	15.1	16.0	27.0	17.0	14.4	1.6	4.7	18.8	9.6	9.2	58.0	21.0
144	134	35.6	22.7	12.9	58.0	25.0	17.0	16.0	.8	4.7	18.8	6.7	12.1	59.0	19.0
145	014	26.7	14.1	12.6	56.0	26.0	19.0	9.2	1.5	4.6	22.8	8.6	14.2	57.0	23.0
146	014	25.3	13.5	11.8	60.0	23.0	17.0	10.1	1.6	4.9	18.0	11.4	6.6	62.0	20.0
147	014	28.7	15.6	13.1	60.0	23.0	17.0	11.2	1.4	5.1	16.4	10.6	5.8	65.0	20.0
148	014	30.4	17.2	13.2	61.0	22.0	18.0	14.0	31.2	4.9	18.9	8.5	10.4	60.0	22.0
201	014	15.9	6.9	9.0	58.0	29.0	13.0	6.0	5.1	5.4	12.7	2.8	9.9	56.0	27.0
202	014	21.6	13.5	8.1	59.0	26.0	15.0	6.8	1.1	5.7	18.3	7.6	10.7	56.0	24.0
203	004	34.6	14.6	20.0	49.0	35.0	17.0	12.1	.8	5.1	22.9	5.3	17.6	40.0	39.0
204	134	24.8	12.3	12.5	64.0	18.0	18.0	10.0	1.0	5.2	18.9	5.5	13.4	57.0	23.0
205	004	28.1	16.8	11.3	47.0	32.0	21.0	7.6	1.9	6.6	21.7	9.7	12.0	41.0	34.0
206	014	19.3	8.8	10.5	58.0	33.0	9.0	9.2	3.4	4.0	12.2	2.0	10.2	53.0	36.0
207	014	16.1	8.8	7.3	65.0	25.0	9.0	6.7	2.1	5.5	11.8	3.3	8.5	64.0	24.0
AVG		30.3	17.1	13.0	55.5	27.0	17.3	12.5	2.1	5.3	19.4	8.1	11.3	51.7	26.9
CVR		33.6	46.2	33.1	20.4	28.8	31.4	48.7	134.8	12.6	28.9	45.4	29.6	24.7	32.1
MAX		61.5	47.6	29.2	80.0	58.0	31.0	38.8	31.2	6.8	33.0	18.9	21.2	75.4	58.0
MIN		10.6	4.2	3.8	16.0	10.0	7.0	2.7	.2	3.9	7.3	2.0	4.9	18.0	13.0
TOT		155.0	153.0	153.0	155.0	155.0	155.0	155.0	143.0	155.0	154.0	154.0	154.0	154.0	154.0

DELLA-BIANCA,LINO
HARDWOODS
1958 NORTH CAROLINA

CL2 - PERCENT CLAY IN A2
OM2 - ORGANIC MATTER OF A2
TH2 - THICKNESS OF A2
PH2 - PH READING OF A2
ME3 - MOISTURE EQUIV. OF B1
WP3 - WILTING POINT OF B1
WA3 - WATER AVAILABLE ON B1
WI3 - WATER IMBIBED BY B1
SA3 - PERCENT SAND OF B1
SI3 - PERCENT SILT OF B1
CL3 - PERCENT CLAY OF B1
TH3 - THICKNESS OF B1
PH3 - PH READING OF B1
ME4 - MOISTURE EQUIV. OF B2
WP4 - WILTING POINT OF B2

	CL2	OM2	TH2	PH2	ME3	WP3	WA3	WI3	SA3	SI3	CL3	TH3	PH3	ME4	WP4
001	27.0	1.4	10.5	5.5	20.5	11.8	8.7	4.2	55.0	21.0	24.0	6.5	5.5	21.2	12.6
002	29.0	2.5	3.5	5.6	22.4	12.9	9.5	4.5	45.0	22.0	33.0	3.5	5.2	29.9	19.4
003	28.0	3.3	2.5	5.7	24.3	14.2	10.1	5.9	44.0	20.0	36.0	3.5	5.0	32.2	20.0
004	26.0	5.0	2.5	4.6	24.9	14.1	10.8	5.8	47.0	19.0	34.0	2.5	4.6	35.2	23.0
005	21.0	2.8	5.0	5.8	19.8	11.1	8.7	5.3	53.0	21.0	26.0	5.0	5.5	25.6	15.3
006	21.0	24.0	5.0	5.6	20.0	11.1	8.9	4.6	50.0	23.0	27.0	5.0	5.5	24.5	15.0
007	25.0	23.0	4.0	5.4	23.1	13.0	10.1	6.0	44.0	24.0	32.0	4.0	5.1	28.5	17.5
008	19.0	2.6	3.0	5.4	17.7	8.3	9.4	4.5	61.0	18.0	21.0	2.5	5.1	29.5	18.5
009	26.0	4.4	3.6	6.2	21.8	11.1	10.7	5.7	52.0	22.0	26.0	3.0	5.5	31.3	22.2
010	11.0	.9	5.0	4.6	14.3	4.0	10.3	4.7	62.0	27.0	11.0	5.0	5.0	16.2	6.8
011	24.0	3.9	3.5	5.3	22.4	11.2	11.2	5.6	50.0	21.0	30.0	5.3	5.3	22.3	12.8
012	0.	0.	0.	0.	20.3	11.5	8.8	3.4	48.0	23.0	29.0	6.0	5.7	23.8	14.1
013	21.0	3.3	3.5	5.7	19.5	9.8	9.7	5.2	54.0	22.0	24.0	2.9	5.4	26.9	16.7
014	28.0	4.7	4.8	5.3	30.4	13.5	16.9	6.9	29.0	40.0	31.0	3.1	5.0	28.1	13.3
015	29.0	4.5	1.8	4.4	28.4	16.6	11.8	5.6	36.0	32.0	32.0	2.2	4.6	32.6	20.4
016	31.0	3.6	2.4	4.8	23.2	14.7	8.5	6.6	44.0	23.0	33.0	1.9	5.0	28.4	19.2
017	23.0	1.3	8.3	5.4	34.8	-0.	-0.	-0.	49.0	21.0	30.0	0.	5.3	31.3	14.0
018	33.0	2.6	6.2	5.1	23.5	12.3	11.2	5.8	46.0	26.0	28.0	6.3	5.2	26.0	14.9
019	27.0	5.1	2.3	6.3	24.2	12.5	11.7	5.9	48.0	23.0	29.0	2.1	5.5	31.2	19.8
020	26.0	3.6	4.6	6.0	19.9	8.5	11.4	4.9	57.0	18.0	25.0	3.0	5.3	23.5	14.7
021	15.0	1.2	2.2	5.3	14.6	7.3	7.3	4.5	67.0	13.0	20.0	3.0	4.6	26.8	16.1
022	26.0	5.4	3.5	4.7	25.9	14.4	11.5	5.2	47.0	20.0	33.0	2.4	4.6	36.3	26.1
023	17.0	1.5	5.1	6.8	18.9	8.6	10.3	6.2	62.0	17.0	21.0	4.4	6.0	20.5	11.5
024	20.0	4.8	4.2	6.5	20.1	9.6	10.5	5.4	56.0	18.0	26.0	3.3	5.7	27.6	19.2
025	10.0	1.0	6.0	5.9	11.6	5.0	6.6	2.7	73.0	13.0	14.0	6.6	5.4	15.5	6.5
026	12.0	1.8	5.5	5.7	10.6	3.7	6.9	3.2	71.0	17.0	12.0	7.4	5.5	18.7	11.7
027	17.0	2.0	3.6	4.8	19.8	5.9	13.9	5.1	59.0	25.0	17.0	6.6	4.8	24.6	13.0
028	24.0	3.4	5.3	5.5	21.3	10.7	10.6	4.7	49.0	22.0	29.0	4.2	5.0	27.2	17.8
029	14.0	1.5	4.2	5.8	16.6	7.2	9.4	4.3	58.0	22.0	20.0	3.7	5.6	25.1	17.0
030	19.0	2.6	3.4	5.8	17.8	7.8	10.0	5.0	56.0	20.0	24.0	3.3	5.3	24.5	17.1
031	19.0	1.9	3.6	6.1	16.5	8.6	7.9	3.8	57.0	19.0	24.0	3.1	5.2	32.2	22.6
032	21.0	2.6	3.6	5.4	20.5	11.4	9.1	4.4	52.0	24.0	24.0	3.7	4.9	32.6	23.4
033	14.0	.9	5.0	5.6	14.2	6.1	8.1	2.8	65.0	18.0	17.0	6.0	5.1	18.6	10.5
034	25.0	2.5	2.9	4.9	26.2	15.2	11.0	6.8	43.0	26.0	31.0	3.0	4.8	34.6	23.8
035	21.0	2.0	4.9	5.4	20.2	9.8	10.4	4.5	53.0	21.0	26.0	4.7	5.2	28.7	19.8
036	17.0	2.3	4.2	4.9	23.8	13.4	10.4	5.7	45.0	25.0	30.0	4.2	5.0	33.2	22.1
036	25.0	0.	0.	6.1	22.6	12.9	9.7	6.9	47.0	20.0	33.0	0.	5.7	21.7	13.8
036	34.0	0.	0.	5.2	22.5	14.2	8.3	6.3	51.0	20.0	29.0	0.	5.3	27.1	18.4
037	21.0	1.7	8.6	5.2	22.0	12.7	9.3	5.1	53.0	16.0	30.0	7.5	5.1	28.7	18.4
038	17.0	1.1	6.6	5.5	17.5	9.2	8.3	4.2	57.0	16.0	27.0	4.4	5.1	23.7	15.1
039	17.0	1.3	5.1	5.5	18.4	9.7	8.7	5.2	57.0	17.0	26.0	3.9	5.0	25.4	16.2
040	16.0	1.0	9.6	5.4	16.1	7.2	8.9	3.9	60.0	17.0	23.0	3.6	5.2	22.3	14.2
041	20.0	1.7	4.7	5.1	18.5	9.1	9.4	4.9	59.0	20.0	22.0	2.9	4.9	28.7	18.9
042	24.0	1.7	3.1	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.7	13.0
043	27.0	2.5	2.5	4.8	30.1	16.9	13.2	7.2	39.0	21.0	40.0	2.4	4.8	37.9	25.9
044	21.0	2.3	4.3	5.0	22.7	10.4	12.3	3.4	47.0	22.0	31.0	3.7	4.9	27.0	15.9
045	24.0	3.2	2.1	4.6	27.3	14.0	13.3	6.9	46.0	21.0	33.0	1.7	4.7	37.4	25.9
046	16.0	2.5	7.5	5.0	21.9	10.8	11.1	5.3	52.0	18.0	30.0	4.4	5.0	31.0	21.7
047	25.0	2.8	9.8	5.2	22.6	12.2	10.4	5.5	54.0	14.0	32.0	9.3	5.3	24.2	14.7
048	16.0	2.0	5.0	5.1	20.6	10.5	10.1	5.3	58.0	13.0	29.0	2.9	4.9	30.7	22.0
049	22.0	1.2	13.0	5.5	19.9	11.8	8.1	4.8	49.0	18.0	34.0	9.9	5.3	23.0	15.4
050	28.0	1.7	3.3	4.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	34.6	22.6
052	13.0	1.2	6.0	5.1	18.5	8.9	9.6	4.7	56.0	19.0	25.0	4.7	5.0	27.1	18.1
053	13.0	2.1	4.1	4.8	21.5	10.9	10.6	5.8	50.0	21.0	29.0	3.4	5.0	31.4	21.8
054	18.0	2.4	4.0	5.1	24.9	13.0	11.9	7.3	45.0	23.0	32.0	4.6	4.9	27.8	17.1
055	24.0	1.6	4.0	5.7	18.3	10.2	8.1	4.3	50.0	21.0	29.0	7.4	5.5	19.0	11.5
056	34.0	4.5	6.0	6.4	25.1	18.2	6.9	5.2	38.0	23.0	39.0	8.2	6.0	25.8	18.6
057	31.0	2.5	4.8	6.2	24.0	17.1	6.9	5.1	42.0	15.0	43.0	3.4	5.7	27.0	19.6
058	23.0	3.1	5.2	6.2	23.2	13.1	10.1	4.8	42.0	29.0	29.0	4.3	5.8	27.2	18.1
059	33.0	5.2	5.4	6.3	26.0	18.4	7.6	5.4	36.0	26.0	38.0	6.5	6.1	28.4	20.1
060	18.0	.6	9.8	5.2	18.0	10.4	7.6	5.1	60.0	13.0	28.0	12.3	5.2	21.4	12.8
061	27.0	2.9	2.6	5.5	26.2	15.8	10.4	6.1	43.0	20.0	38.0	2.8	5.1	33.9	22.8
062	23.0	1.4	19.2	5.1	21.6	12.2	9.4	5.0	50.0	19.0	31.0	12.5	5.3	22.3	13.1
063	16.0	2.2	4.9	5.1	18.8	9.9	8.9	4.1	56.0	20.0	24.0	2.5	5.0	30.3	20.0
064	22.0	2.7	6.0	5.4	21.1	11.6	9.5	4.5	48.0	22.0	30.0	2.9	5.1	31.8	21.7
065	22.0	1.3	7.0	4.8	21.5	9.8	11.7	4.4	49.0	20.0	32.0	4.2	4.9	30.4	20.0
066	17.0	1.1	8.9	5.1	18.9	10.9	8.0	6.2	48.0	19.0	33.0	6.6	4.8	31.6	21.6
067	38.0	2.7	3.8	4.5	17.8	10.4	7.4	4.1	55.0	19.0	26.0	1.7	4.7	32.9	20.2
068	37.0	2.6	9.0	5.0	28.2	19.7	8.5	5.5	26.0	31.0	43.0	11.8	5.2	34.8	24.0
069	33.0	3.6	3.1	4.9	25.6	15.5	10.1	4.5	32.0	25.0	42.0	5.9	4.9	34.0	25.8
070	20.0	1.4	5.3	4.7	21.8	10.3	11.5	4.2	49.0	20.0	31.0	3.7	4.8	33.7	24.8

071	18.0	1.3	7.5	4.8	19.8	9.9	9.9	2.8	48.0	19.0	34.0	4.1	4.9	29.1	21.8
072	23.0	2.2	6.3	5.3	21.3	13.6	7.7	3.7	40.0	19.0	40.0	8.5	5.2	29.2	22.2
073	17.0	1.5	7.8	5.4	16.0	8.8	7.2	4.0	50.0	20.0	30.0	3.8	5.1	26.6	19.2
074	20.0	1.0	5.4	5.2	17.7	9.5	8.2	5.4	57.0	18.0	25.0	4.8	5.0	24.5	15.0
075	17.0	1.3	6.6	5.0	18.4	10.1	8.3	5.4	57.0	16.0	28.0	3.6	5.0	26.4	18.0
076	13.0	.5	7.6	5.8	13.3	4.9	8.4	4.8	73.0	12.0	15.0	3.3	5.4	19.2	9.9
077	25.0	2.1	8.0	5.3	16.5	9.7	6.8	4.5	64.0	14.0	22.0	6.5	5.3	24.5	15.8
078	20.0	1.1	8.2	5.7	19.6	10.9	8.7	5.4	47.0	20.0	33.0	7.4	5.2	23.8	16.4
079	25.0	5.5	4.3	6.0	22.7	13.8	8.9	6.0	47.0	23.0	30.0	7.7	4.8	23.6	14.8
080	24.0	2.0	5.2	5.1	20.0	11.0	9.0	5.6	53.0	20.0	30.0	5.6	4.8	23.4	13.6
081	26.0	1.4	4.2	5.3	19.9	11.2	8.7	5.1	50.0	20.0	30.0	6.9	5.1	19.7	11.7
082	18.0	1.4	7.7	5.3	17.6	8.2	9.4	5.3	58.0	18.0	24.0	3.7	4.8	27.2	17.3
083	16.0	1.5	5.9	5.6	19.4	9.6	9.8	5.2	52.0	23.0	25.0	45.0	5.1	27.0	15.3
084	15.0	1.2	6.7	4.6	17.4	9.2	8.2	4.7	55.0	18.0	27.0	2.2	4.8	30.1	21.9
085	25.0	3.0	5.0	5.5	19.3	10.3	9.0	5.6	44.0	24.0	32.0	6.4	5.3	30.0	21.8
086	16.0	3.1	5.7	4.7	18.9	6.7	12.2	5.1	60.0	18.0	22.0	4.6	4.7	27.5	19.1
087	14.0	1.0	6.3	5.3	15.6	7.8	7.8	3.8	56.0	19.0	25.0	4.2	5.2	24.9	16.4
088	15.0	1.2	6.6	5.2	17.1	8.0	9.1	5.3	55.0	20.0	25.0	5.1	4.8	27.0	17.9
089	9.0	.6	5.6	5.4	10.3	3.4	6.9	2.3	71.0	14.0	15.0	6.9	5.1	23.9	14.5
090	31.0	4.6	2.0	5.6	26.4	13.9	12.5	5.6	26.0	34.0	40.0	6.6	5.7	25.9	16.3
091	32.0	2.6	4.4	4.9	28.3	12.7	15.6	4.8	33.0	25.0	42.0	4.6	4.9	28.0	18.0
092	20.0	1.3	10.2	5.4	17.0	8.1	8.9	3.8	54.0	17.0	29.0	6.2	5.2	23.9	17.0
093	16.0	1.2	6.0	4.9	19.4	9.4	10.0	5.2	54.0	18.0	28.0	4.8	4.8	30.8	20.8
094	15.0	3.4	2.4	4.8	22.4	8.4	14.0	6.4	54.0	18.0	28.0	6.8	4.8	23.9	11.8
095	16.0	1.7	5.4	5.5	16.0	8.2	7.8	3.9	61.0	13.0	26.0	5.0	5.1	27.9	20.5
096	28.0	1.9	4.3	5.2	21.9	12.3	9.6	5.2	46.0	18.0	37.0	3.4	4.9	27.8	19.3
097	19.0	1.6	3.4	6.0	18.3	9.9	8.4	4.6	50.0	23.0	28.0	3.6	5.8	26.1	16.9
098	24.0	2.4	3.7	5.4	18.4	10.4	8.0	4.2	56.0	15.0	28.0	4.1	5.2	26.2	18.1
099	23.0	4.1	1.6	6.0	24.9	15.3	9.6	6.7	42.0	25.0	33.0	2.8	5.9	34.5	23.5
100	21.0	1.1	4.0	5.6	17.8	9.6	8.2	4.4	56.0	20.0	24.0	3.3	5.4	26.7	17.0
101	10.0	.6	3.9	4.9	10.0	4.4	5.6	3.3	72.0	16.0	11.0	5.0	5.1	11.8	6.0
102	18.0	2.0	5.9	5.2	19.9	10.0	9.9	4.4	52.0	20.0	28.0	2.6	5.1	31.9	23.3
103	12.0	.4	8.1	5.0	16.0	8.9	7.1	4.2	59.0	18.0	23.0	4.4	4.7	21.8	14.7
104	13.0	.3	6.4	5.5	15.2	7.0	8.2	3.9	60.0	19.0	21.0	3.3	5.3	22.4	14.5
105	43.0	4.7	4.4	5.0	26.9	18.7	8.2	4.3	19.0	32.0	50.0	3.8	5.1	31.3	21.3
106	29.0	3.5	3.6	5.6	23.1	12.8	10.3	4.8	36.0	28.0	36.0	5.4	5.4	30.0	21.1
107	29.0	3.2	3.7	5.7	28.1	16.8	11.3	7.4	38.0	23.0	39.0	2.6	5.4	36.2	25.5
108	22.0	.6	3.7	5.0	17.6	6.9	10.7	4.6	59.0	18.0	23.0	4.0	4.9	19.0	11.5
109	17.0	.9	7.3	5.1	18.9	11.1	7.8	4.3	58.0	13.0	29.0	4.3	5.0	21.5	13.9
110	23.0	1.7	7.3	5.0	16.2	5.4	10.8	3.8	65.0	15.0	20.0	7.7	5.1	19.8	11.4
111	18.0	.8	8.9	4.9	11.1	4.4	6.7	3.0	72.0	13.0	15.0	27.0	5.3	11.3	5.2
112	25.0	.7	6.2	5.3	20.1	9.9	10.2	5.0	62.0	21.0	27.0	7.7	5.2	21.6	13.6
113	12.0	.9	12.6	5.0	17.4	9.2	8.2	4.6	62.0	11.0	27.0	5.2	4.8	24.9	17.4
114	12.0	1.0	11.0	5.2	15.8	8.5	7.3	5.0	59.0	21.0	20.0	5.1	5.1	22.5	15.6
115	24.0	1.7	1.6	4.8	21.8	13.0	8.8	7.4	51.0	18.0	31.0	5.0	5.2	38.3	28.7
116	18.0	1.6	4.5	5.1	18.8	7.1	11.7	6.0	61.0	18.0	20.0	4.1	5.0	26.2	17.8
117	21.0	1.3	4.3	5.3	20.8	10.0	10.8	5.6	53.0	19.0	28.0	4.1	5.2	25.2	15.6
118	19.0	2.3	4.6	4.8	20.9	10.3	10.6	5.8	54.0	18.0	28.0	2.5	4.8	34.4	24.1
119	15.0	.6	9.3	4.8	14.8	7.3	7.5	3.6	61.0	16.0	23.0	4.1	5.0	21.5	13.6
120	13.0	.4	11.5	4.7	8.0	3.2	4.8	3.5	76.0	17.0	7.0	16.2	4.8	13.1	5.6
121	12.0	.4	7.5	5.0	17.3	6.8	10.5	1.4	60.0	26.0	14.0	15.3	4.7	9.9	4.0
122	24.0	1.6	3.7	5.5	18.6	10.0	8.6	2.3	56.0	15.0	29.0	4.2	5.4	23.7	16.5
123	29.0	1.2	6.8	5.6	23.3	13.0	10.3	12.4	50.0	18.0	33.0	6.7	5.5	26.4	17.1
124	28.0	1.4	6.5	5.8	23.5	14.6	8.9	9.6	45.0	19.0	36.0	5.4	5.6	28.1	19.1
125	21.0	1.8	5.6	5.5	17.9	8.2	9.7	4.4	58.0	18.0	24.0	3.8	5.4	25.9	17.9
126	32.0	1.0	13.2	5.8	25.4	14.1	11.3	8.9	48.0	20.0	32.0	21.1	5.7	28.2	18.0
127	18.0	3.1	4.3	5.0	17.8	8.0	9.8	4.5	52.0	25.0	23.0	2.4	5.0	25.0	17.1
128	19.0	2.6	6.2	5.0	19.1	8.9	10.2	4.7	55.0	20.0	25.0	2.8	5.0	29.3	20.7
129	14.0	2.2	6.4	4.8	16.0	6.8	9.2	4.3	64.0	15.0	21.0	3.3	4.9	28.4	20.2
130	25.0	2.1	5.7	5.4	19.9	11.1	8.8	5.3	48.0	20.0	32.0	8.1	5.5	25.0	17.3
131	15.0	1.3	5.0	5.4	15.9	7.2	8.4	5.4	58.0	23.0	19.0	4.6	5.4	18.4	10.6
132	15.0	.8	7.1	5.3	15.2	7.7	7.5	5.4	60.0	18.0	22.0	4.3	5.3	26.6	17.2
133	30.0	2.6	5.5	7.9	28.1	13.0	15.1	6.6	14.0	42.0	44.0	2.5	4.9	30.4	15.5
134	24.0	2.6	4.9	4.6	24.1	8.3	15.8	6.5	30.0	38.0	32.0	3.9	4.8	26.2	12.9
135	23.0	3.3	2.5	4.5	26.2	11.0	15.2	6.9	23.0	40.0	37.0	3.4	4.7	32.4	19.0
137	30.0	1.9	2.2	6.0	26.9	18.4	8.5	9.5	28.0	23.0	49.0	3.7	5.7	33.3	21.3
138	27.0	3.6	3.6	4.8	26.8	6.4	20.4	7.3	17.0	47.0	37.0	3.0	4.9	29.9	9.2
139	35.0	3.2	4.7	4.7	30.0	11.0	19.0	7.8	10.0	41.0	48.0	2.6	4.8	30.6	12.7
140	35.0	2.2	4.3	4.8	29.9	11.0	18.9	7.9	9.0	44.0	47.0	3.5	5.0	31.7	13.1
141	13.0	2.0	6.5	5.7	15.4	8.6	6.8	5.5	64.0	14.0	22.0	6.8	5.3	22.3	12.6
142	22.0	3.2	5.3	5.0	18.8	11.6	7.2	3.8	46.0	20.0	34.0	16.7	5.6	24.4	15.8
143	21.0	2.0	6.0	4.9	19.2	11.2	8.0	4.9	50.0	21.0	29.0	7.9	5.2	23.3	14.3
144	22.0	2.1	3.2	5.0	27.0	18.0	9.0	8.1	41.0	14.0	44.0	4.0	5.2	33.0	20.7
145	19.0	3.6	3.9	5.0	23.3	12.6	10.7	6.8	48.0	19.0	33.0	2.7	5.2	30.5	18.6
146	17.0	2.4	4.8	5.3	20.6	12.6	8.0	6.4	51.0	17.0	32.0	6.4	5.2	31.0	21.0
147	16.0	2.1	5.6	5.3	18.4	9.4	9.0	5.8	56.0	17.0	28.0	4.5	5.4	32.6	23.2
148	18.0	3.2	7.8	5.1	17.4	10.4	7.0	5.7	57.0	15.0	28.0	7.6	5.2	24.9	16.5
201	17.0	.6	7.0	5.0	14.2	5.5	8.7	4.0	55.0	24.0	21.0	7.4	4.8	16.2	8.5
202	20.0	1.7	8.1	5.9	15.0	6.1	8.9	5.3	65.0	19.0	15.0	9.7	5.4	14.9	6.5
203	21.0	2.6	3.7	4.8	23.3	9.2	14.1	6.0	47.0	26.0	26.0	5.9	4.9	30.4	18.6
204	20.0	2.2	6.2	5.3	18.7	8.9	9.8	4.8	47.0	22.0	31.0	4.7	5.0	25.9	18.6
205	26.0	2.1	6.3	6.1	20.8	10.9	9.9	5.1	40.0	28.0	32.0	7.8	5.5	23.2	15.0
206	11.0	.7	9.4	4.9	12.4	3.8	8.6	3.8	58.0	28.0	15.0	6.0	4.8	15.7	7.7
207	12.0	1.1	9.4	5.7	17.0	8.5	8.5	4.6	56.0	20.0	24.0	5.0	5.5	24.8	16.3
AVG	21.5	2.4	5.6	5.3	20.4	10.5	9.7	5.2	50.6	21.0	28.4	5.5	5.2	26.7	17.1
CVR	30.2	111.2	46.3	9.5	22.2	31.7	24.8	27.5	23.2	29.2	27.0	84.8	6.1	20.2	27.4
MAX	43.0	24.0	19.2	7.9	34.8	19.7	20.4	12.4	76.0	47.0	50.0	45.0	6.1	38.3	28.7
MIN	9.0	.3	1.6	4.4	8.0	3.2	4.8	1.4	9.0	11.0	7.0	1.7	4.6	9.9	4.0
TOT	154.0	152.0	152.0	154.0	153.0	152.0	152.0	152.0	153.0	153.0	153.0	150.0	153.0	155.0	155.0

DICKENSON, J.E.
SLASH PINE
FLORIDA, 1950

SA=PERCENT SAND A2 — CS=COORSC SILT A2

FS=FINE SILT A2 — CL=PERCENT CLAY A2

SA=PERCENT SAND A3 — CS=PERCENT COARSE SILT A3

FS=PERCENT FINESILT A3 — CL=PERCENT CLAY A3

SA=PERCENT SAND B — CS=PERCENT COARSE SILT B

FS=PERCENT FINE SILT B — CL=PERCENT CLAY B

SA=PERCENT SAND B2 — CS=PERCENT COARSE SILT B2

FS=PERCENT FINE SILT B2 — CL=PERCENT CLAY B2

HT=HEIGHT — AG=AGE

DM=DEPTH TO MOTTLING — DT=DEPTH TO FINE TEXTURE

	SA	CS	FS	CL	SA	CS	FS	CL	SA	CS	FS	CL	SA	CS	FS	CL	HT	AG	DM
2	91.20	3.30	.80	4.70	0.	0.	0.	0.	0.	0.	0.	0.	78.30	2.90	1.20	17.60	30.00	[illegible]	[illegible]
1	95.50	3.10	.90	.50	96.60	1.80	.30	.10	0.	0.	0.	0.	0.	0.	0.	0.	17.20	[illegible]	[illegible]
3	92.20	4.40	1.10	2.30	0.	0.	0.	0.	75.70	4.90	1.70	17.70	0.	0.	0.	0.	29.30	[illegible]	[illegible]
4	82.10	9.20	2.20	6.50	0.	0.	0.	0.	0.	0.	0.	0.	82.40	10.50	1.30	5.80	58.80	20	[illegible]
5	95.20	2.10	.60	1.10	0.	0.	0.	0.	93.40	4.80	1.00	.80	0.	0.	0.	0.	34.30	[illegible]	26
6	94.90	3.30	.90	.90	0.	0.	0.	0.	74.40	3.50	1.70	16.40	0.	0.	0.	0.	41.80	[illegible]	[illegible]
7	95.40	2.30	.20	2.10	0.	0.	0.	0.	0.	0.	0.	0.	87.10	.90	.90	12.00	45.30	[illegible]	[illegible]
8	94.80	3.40	1.00	.80	0.	0.	0.	0.	95.50	2.30	.80	1.40	0.	0.	0.	0.	57.80	21	[illegible]
9	94.60	3.80	.40	1.20	94.60	3.00	.30	2.10	0.	0.	0.	0.	0.	0.	0.	0.	35.00	[illegible]	[illegible]
10	95.30	4.60	.50	.60	0.	0.	0.	0.	83.60	5.00	1.60	10.80	0.	0.	0.	0.	48.80	[illegible]	[illegible]
11	92.30	4.20	.60	2.90	0.	0.	0.	0.	64.90	3.60	1.60	20.00	0.	0.	0.	0.	46.30	[illegible]	[illegible]
12	96.80	2.60	.10	.50	96.70	2.50	.30	.50	0.	0.	0.	0.	0.	0.	0.	0.	35.20	[illegible]	[illegible]
13	95.00	3.90	.70	.40	0.	0.	0.	0.	83.10	1.20	1.60	10.10	0.	0.	0.	0.	42.70	[illegible]	[illegible]
14	95.00	3.60	0.	1.40	0.	0.	0.	0.	90.80	1.90	.80	6.50	0.	0.	0.	0.	46.70	19	[illegible]
15	95.50	2.50	.60	1.40	0.	0.	0.	0.	95.80	1.70	.30	2.20	0.	0.	0.	0.	45.80	19	20
16	96.80	.60	.90	1.70	0.	0.	0.	0.	97.60	1.60	0.	.80	0.	0.	0.	0.	19.70	[illegible]	[illegible]
17	95.80	2.10	.60	1.50	0.	0.	0.	0.	96.80	1.00	.40	1.80	0.	0.	0.	0.	19.70	[illegible]	[illegible]
18	95.60	2.80	1.00	.60	0.	0.	0.	0.	95.20	1.80	.50	2.50	0.	0.	0.	0.	28.20	[illegible]	[illegible]
19	96.80	.90	.70	1.60	0.	0.	0.	0.	86.00	12.00	.20	1.80	0.	0.	0.	0.	38.70	14	[illegible]
20	93.70	5.10	.40	.80	94.00	3.80	1.30	.90	0.	0.	0.	0.	0.	0.	0.	0.	28.70	[illegible]	[illegible]
21	95.80	2.10	.50	1.60	95.80	1.20	2.20	.80	0.	0.	0.	0.	0.	0.	0.	0.	30.00	12	58
22	96.40	1.30	.50	1.80	96.20	.20	2.00	1.60	0.	0.	0.	0.	0.	0.	0.	0.	46.50	16	54
23	98.30	.50	.70	.50	0.	0.	0.	0.	96.60	1.80	1.10	.50	0.	0.	0.	0.	17.80	[illegible]	[illegible]
24	98.50	1.00	.20	.30	0.	0.	0.	0.	94.00	4.20	1.10	.70	0.	0.	0.	0.	27.80	13	18
25	96.80	.80	.20	2.20	0.	0.	0.	0.	98.10	.20	.30	1.40	0.	0.	0.	0.	47.00	20	62
26	94.70	2.40	0.	2.90	94.00	2.00	1.80	2.20	0.	0.	0.	0.	0.	0.	0.	0.	23.00	11	70
27	91.90	3.30	1.80	3.00	0.	0.	0.	0.	79.40	5.90	.40	14.30	0.	0.	0.	0.	51.00	17	55
28	91.10	3.10	1.20	4.60	0.	0.	0.	0.	77.10	4.00	.80	18.10	0.	0.	0.	0.	47.20	13	33
29	92.20	5.50	.40	1.90	0.	0.	0.	0.	61.30	2.20	3.40	33.10	0.	0.	0.	0.	49.80	18	33
30	96.40	2.20	.60	.80	96.00	2.60	.10	1.30	0.	0.	0.	0.	0.	0.	0.	0.	26.60	8	48
AVG	94.59	3.00	.72	1.77	95.49	2.14	1.04	1.19	86.49	3.29	1.07	8.99	82.60	4.77	1.13	11.80	37.16	14	50
CVR	3.22	58.67	63.44	81.27	1.17	51.91	84.96	63.09	13.19	79.21	73.14	112.87	5.33	106.26	18.37	50.02	32.54	29	37
MAX	98.50	9.20	2.20	6.50	96.70	3.80	2.20	2.20	98.10	12.00	3.40	33.10	87.10	10.50	1.30	17.60	58.80	21	72
MIN	82.10	.50	.10	.30	94.00	.20	.10	.10	61.30	.20	.20	.50	78.30	.90	.90	5.80	17.20	8	12
TOT	30.00	30.00	28.00	30.00	8.00	8.00	8.00	8.00	19.00	19.00	18.00	19.00	3.00	3.00	3.00	3.00	30.00	30	30

DOOLITTLE, W. T.
SCARLET + BLACK OAK
1957. SOUTHERN APPALACHAINS

SI-SITE INDEX

SS-STEEPNESS OF SLOPE

PP-POSITION ON SLOPE

AS-ASPECT

DB-DEPTH TO B2

DA-DEPTH OF A1 INCHES

DD-DEPTH TO BEDROCK

SA-PERCENT SAND

CL-PERCENT CLAY

RO-PERCENT ROCK, A AND B

	SI	SS	PP	AS	DB	DA	DD	SA	CL	RO
HAYESVIL 1	54	10	93.41	317	22	5	60	61.05	17.20	24
HAYESVIL 18	52	12	25.00	145	30	9	60	73.75	11.28	8
HAYESVIL 19	75	24	55.55	146	22	8	60	71.78	12.38	10
HAYESVIL 20	69	16	42.85	95	24	8	60	66.90	14.86	15
HAYESVIL 26	67	11	50.00	1	20	7	60	58.48	20.13	6
HAYESVIL 2-A-1	65	21	40.00	132	28	8	60	70.82	7.80	32
HAYESVIL 2-C-6	60	18	74.36	141	26	6	60	63.15	14.50	11
HAYESVIL 3-BB-7	67	15	80.00	180	30	8	60	73.29	10.88	6
HAYESVIL 3-C-9	65	8	55.56	169	28	7	60	72.39	8.91	20
HAYESVIL 3-F-15	67	6	69.23	223	28	8	60	68.22	14.21	1
HAYESVIL 3-F-16	58	6	86.95	210	27	6	60	65.64	12.69	5
HAYESVIL 3-HH-23	62	24	82.75	153	24	7	60	70.20	10.38	7
HAYESVIL 3-I-25	75	16	50.00	133	24	8	60	69.14	14.65	6
HAYESVIL 3-II-27	68	5	33.33	348	21	7	60	65.60	16.52	1
HAYESVIL 6-D-7	66	14	66.67	205	25	7	60	73.02	11.03	5
HAYESVIL 13-B-4	58	16	76.93	192	26	7	55	70.34	9.63	32
HAYESVIL 15-I-17	67	16	50.00	333	28	7	60	65.00	15.22	9
HAYESVIL 17-B-4	52	1	80.00	150	23	6	60	59.48	19.52	5
HAYESVIL 17-C-5	50	10	86.67	198	21	6	36	74.03	10.56	20
HAYESVIL 18-A-2	48	3	100.00	207	20	5	60	62.58	14.43	4
HAYESVIL 18-D-11	60	8	75.00	94	26	6	55	62.02	15.62	21
HAYESVIL 18-EE-17	54	6	75.00	281	24	6	55	73.16	9.01	10
HAYESVIL 18-EE-18	59	8	57.14	349	25	7	60	73.42	10.11	5
HAYESVIL 19-D-4	59	6	66.67	351	26	6	60	64.34	17.34	0
HAYESVIL 20-B-	70	14	60.00	116	21	7	60	65.94	17.32	10
HAYESVIL 22-A-1	54	14	76.92	195	25	7	60	71.88	10.16	8
HAYESVIL 25-B-5	63	27	50.00	165	26	7	60	65.58	13.67	15
HAYESVIL 25-B-6	56	25	65.38	147	24	6	60	69.05	10.42	21
HAYESVIL 27-D-9	52	22	72.73	150	18	6	36	72.69	6.60	23
HAYESVUL 27-DD-12	55	24	72.22	95	24	6	44	73.88	8.75	12
HAYESVIL 27-GG-20	61	18	68.42	143	19	7	60	70.78	14.74	5
HAYESVIL 27-H-22	64	13	78.57	189	20	7	60	68.95	11.24	8
HAYESVIL 29-B-4	58	12	80.00	140	24	7	60	66.15	12.81	9
HAYESVIL 31-B-4	50	8	100.00	139	21	5	44	66.47	17.22	29
HAYESVIL 31-BB-5	51	9	80.00	205	23	6	54	74.18	10.76	13
HAYESVIL 31-EE-5	57	19	75.00	199	22	7	40	73.82	10.22	10
HAYESVIL F-3-E-10	61	18	69.69	187	25	7	60	75.92	7.74	10
HAYESVIL F-4-E-10	87	12	25.00	62	30	9	60	64.68	12.42	6
BALFOUR 8	40	18	87.50	304	20	4	60	61.44	16.64	19
BALFOUR 35	70	20	40.00	118	23	7	60	58.52	20.60	15
BALFOUR 42	87	19	12.50	74	28	10	60	70.46	10.59	19
BALFOUR 43	84	14	7.89	108	27	9	60	66.76	11.46	19
BALFOUR 46	86	8	6.25	97	34	9	60	66.41	12.84	0
BALFOUR 47	87	8	12.50	77	30	9	60	57.86	19.39	0
BALFOUR 48	85	10	12.50	110	35	9	60	69.51	12.00	0
BALFOUR 49	82	13	12.50	72	26	8	60	58.20	17.57	0
BALFOUR 15-B-3	47	9	87.50	262	19	5	44	71.62	10.98	39
HALEWOOD 6	43	16	90.91	245	13	5	36	66.40	13.80	30
HALEWOOD 10	52	22	71.43	268	22	6	60	62.09	16.31	15
HALEWOOD 21	79	8	3.62	122	26	9	60	69.74	12.34	27
HALEWOOD 23	87	18	25.00	74	32	9	60	66.60	13.47	10
HALEWOOD 31	57	16	75.61	141	16	6	60	68.32	15.34	10
HALEWOOD 32	60	24	90.48	150	20	7	60	1.06	13.28	12
HALEWOOD 33	57	17	71.43	258	19	6	60	69.85	11.75	25
HALEWOOD 36	68	25	37.50	167	26	8	60	71.26	9.78	28
HALEWOOD 37	67	17	62.50	182	26	7	60	67.84	14.23	30
HALEWOOD 38	69	10	50.00	151	26	8	60	67.24	9.70	27
HALEWOOD 44	72	14	18.75	98	29	8	60	78.50	6.83	0
HALEWOOD 45	75	2	14.29	160	29	8	60	61.75	11.80	0
HALEWOOD 2-B-3	59	23	78.38	148	19	7	60	73.36	8.02	33
HALEWOOD 4-FF-13	64	13	57.14	218	25	7	40	66.78	11.55	58
HALEWOOD 4-FF-14	72	8	55.56	12	27	7	60	57.20	18.96	20
HALEWOOD 13-F-12	73	26	63.64	194	26	8	60	74.01	9.34	7
HALEWOOD 14-A-2	70	12	50.00	74	28	8	60	67.64	14.58	5
HALEWOOD 16-AA-23	55	22	90.00	81	19	6	60	69.44	10.76	0
HALEWOOD 17-FF-13	75	7	25.00	237	31	8	60	66.10	14.70	0
HALEWOOD 20-C-5	60	18	76.92	35	18	6	60	66.02	12.00	5
HALEWOOD 22-F-16	72	24	50.00	207	20	8	60	76.16	11.64	10
HALEWOOD 28-F-12	77	19	62.50	124	28	8	60	56.36	17.70	8
HALEWOOD 30-B-4	66	15	54.55	270	26	7	60	68.38	12.90	9
HALEWOOD 31-F-17	52	18	100.00	183	20	6	54	76.16	11.89	19
HALEWOOD F-4-D-7	86	12	33.33	91	32	9	60	65.20	14.54	21
PORTERS 9	43	10	92.86	320	21	5	42	62.61	12.26	49
PORTERS 11	37	29	100.00	300	20	4	60	56.06	21.97	53
PORTERS 12	42	24	100.00	311	20	5	60	60.97	16.15	15
PORTERS 15	57	18	80.00	70	16	6	50	67.38	26.85	20
PORTERS 25	50	14	100.00	320	20	5	60	62.39	15.84	14

PORTERS	28	53	14	100.00	326	22	5	60	61.83	12.40	40
PORTERS	29	54	15	100.00	321	24	6	60	58.49	19.67	22
PORTERS	30	53	14	100.00	323	22	6	60	74.34	11.46	14
PORTERS	34	68	9	50.00	172	24	8	60	70.11	9.10	50
PORTERS	50	89	8	0.	211	26	10	60	71.58	10.39	0
PORTERS	51	91	8	7.69	186	27	9	60	64.60	16.92	0
PORTERS	2-D-7	62	30	85.71	134	14	7	40	68.75	12.18	10
PORTERS	2-E-10	63	34	80.00	127	14	6	44	63.96	13.99	30
PORTERS	4-D-10	53	8	80.00	250	18	6	36	59.38	16.64	43
PORTERS	16-G-26	76	26	50.00	102	17	8	44	68.72	15.60	32
PORTERS	25-DD-12	56	22	87.50	159	22	6	60	69.65	12.19	32
ASHE	7	45	13	93.75	23	19	5	60	65.93	12.10	39
ASHE	13	39	20	97.56	353	16	5	60	66.07	12.96	9
ASHE	14	47	14	98.30	62	16	5	60	77.78	17.00	5
ASHE	16	45	16	98.21	65	17	5	60	67.42	26.71	17
RABUN	22	75	3	73.33	219	23	7	60	55.05	20.40	8
RABUN	3-H-21	58	13	92.96	193	13	6	60	57.25	25.18	5
RABUN	29-I-19	60	30	80.00	132	25	7	50	70.43	9.96	14
WATAUGA	6-F-12	49	22	78.57	235	17	6	60	74.47	10.04	12
FANNIN	41	65	26	38.33	103	18	7	60	63.18	14.96	21
FANNIN	16-A-22	53	20	90.91	63	20	5	60	62.55	16.86	1
FANNIN	22-B-3	76	23	76.92	165	17	8	60	61.63	16.78	0
FANNIN	22-H-21	67	17	83.33	152	20	7	60	66.86	11.58	0
FANNIN	30-D-9	60	23	63.64	112	24	6	54	59.22	18.30	19
FANNIN	31-B-3	68	16	50.00	137	18	7	60	67.35	20.34	9
TALLADEG	5-C-6	52	26	78.94	189	15	6	60	72.02	9.46	11
TALLADEG	19-H-15	59	3	75.00	314	19	6	60	52.10	27.80	4
TUSQUITE	17	89	12	11.11	100	32	10	60	73.31	6.95	48
TUSQUITE	60	71	26	44.44	161	29	7	60	62.88	13.48	5
TUSQUITE	6-A-2	82	4	2.75	97	23	8	60	62.03	15.70	12
TUSQUITE	28-G-14	72	21	39.62	78	32	8	44	67.97	8.68	4
TUSQUITE	30-G-7	82	8	7.14	20	32	9	60	65.33	13.32	18
AVG		63	15	63.18	171	23	7	57	66.36	13.80	17
CVR		20	46	43.93	50	21	19	12	12.60	30.67	74
MAX		91	34	100.00	353	35	10	60	78.50	27.80	58
MIN		37	1	2.75	1	13	4	36	1.06	6.60	1
TOT		109	109	108.00	109	109	109	109	109.00	109.00	95

FOSTER
RED MAPLE, WHITE PINE

MSI-RED MAPLE SITE INDEX

RMA-RED MAPLE AGE

SLO-PERCENT SLOPE

POS-POSITION ON SLOPE

HUM-HUMUS

DBS-DEPTH B HORIZON

DER-DEPTH EFFECTIVE ROOTING

SAND-PERCENT SAND

CLA-PERCENT CLAY

LGS-LENGTH GROWING SEASON

PSI-WHITE PINE SITE INDEX

ELE-ELEVATION

ASP-ASPECT

SLS-SOIL SERIES

DAH-DEPTH A HORIZON

DCL-DEPTH COMPACT LAYER

STO-DEGREE OF STONINESS

SLT-PERCENT SILT

MEQ-MOISTURE EQUIVALENT

LOC-GEOGRAPHIC LOCATION

	MSI	PSI	RMA	ELE	SLO	ASP	POS	SLS	HUM	DAH	DBS	DCL	DER	STO	SAN	SLT	CLA	MEQ	PH	LGS	LOC	CON
01	59.5	57.0	56.0	1380	7.0	4.0	2.0	7.0	3.0	4.0	16.0	20.0	20.0	4.0	62.2	34.3	3.4	30.6	4.7	3.0	1.7	3.0
02	58.0	66.5	41.0	1910	4.0	9.0	4.0	2.0	3.0	5.0	13.0	18.0	18.0	3.0	50.8	44.3	4.9	47.8	4.9	3.0	1.8	2.0
03	62.5	52.0	57.0	1530	4.0	8.0	2.0	9.0	9.0	3.0	25.0	28.0	28.0	2.0	75.1	23.3	1.6	24.0	4.3	3.0	1.8	2.0
04	56.0	52.0	58.0	760	13.0	2.0	4.0	11.0	1.0	6.0	30.0	34.0	36.0	3.0	62.4	35.0	2.6	20.9	5.8	5.0	3.5	4.0
05	63.0	59.0	48.0	800	5.0	15.0	4.0	11.0	1.0	6.0	17.0	23.0	23.0	6.0	79.8	16.9	3.3	19.0	5.0	5.0	3.5	4.0
06	55.0	63.5	59.0	880	5.0	2.0	4.0	11.0	3.0	8.0	16.0	29.0	29.0	3.0	64.5	31.8	3.7	24.0	5.0	5.0	3.5	4.0
07	57.5	56.0	49.0	880	0.	14.0	5.0	12.0	0.	-0.	-0.	-0.	15.0	3.0	-0.	-0.	-0.	147.2	4.5	5.0	3.5	5.0
08	57.5	67.0	48.0	1110	2.0	2.0	4.0	8.0	9.0	2.0	27.0	29.0	25.0	3.0	75.7	21.2	3.1	15.2	5.0	5.0	3.5	4.0
09	63.5	55.0	57.0	1430	5.0	4.0	4.0	9.0	2.0	3.0	22.0	25.0	25.0	1.0	63.7	33.1	3.2	26.9	5.0	2.0	2.3	2.0
10	58.5	53.5	67.0	1320	2.0	12.0	5.0	9.0	6.0	9.0	7.0	16.0	18.0	1.0	66.0	29.9	4.1	20.1	4.9	2.0	2.3	2.0
11	56.0	56.5	40.0	1300	11.0	14.0	3.0	9.0	6.0	6.0	24.0	30.0	30.0	3.0	77.8	18.6	3.6	13.4	5.0	2.0	2.3	3.0
12	57.0	47.5	79.0	1310	14.0	11.0	4.0	9.0	5.0	11.0	17.0	28.0	28.0	2.0	67.2	29.8	3.0	15.8	5.0	2.0	2.3	5.0
13	63.0	61.5	41.0	1300	10.0	9.0	3.0	9.0	5.0	7.0	19.0	24.0	22.0	2.0	74.4	21.4	4.2	12.9	5.0	2.0	2.3	1.0
14	54.0	55.0	49.0	1330	3.0	15.0	2.0	9.0	5.0	5.0	18.0	23.0	20.0	2.0	84.1	12.8	3.1	11.7	5.5	2.0	2.3	4.0
15	59.0	61.5	45.0	900	5.0	5.0	2.0	3.0	1.0	4.0	7.0	11.0	19.0	2.0	53.9	36.7	9.4	21.4	5.0	1.0	2.5	1.0
16	53.5	52.0	55.0	720	9.0	5.0	2.0	3.0	4.0	4.0	12.0	16.0	20.0	6.0	62.3	32.0	5.7	16.8	4.5	1.0	2.5	4.0
17	60.5	58.5	40.0	860	5.0	9.0	3.0	3.0	4.0	5.0	13.0	18.0	21.0	1.0	60.9	30.1	9.0	16.3	4.9	1.0	2.5	3.0
18	52.0	56.5	49.0	820	10.0	4.0	2.0	3.0	4.0	5.0	20.0	25.0	22.0	1.0	58.8	36.3	4.9	21.2	4.5	1.0	2.2	1.0
19	49.5	56.5	79.0	710	5.0	12.0	4.0	3.0	5.0	8.0	20.0	28.0	25.0	1.0	61.9	32.6	5.5	20.2	4.7	1.0	2.2	3.0
20	41.0	59.0	74.0	800	0.	0.	5.0	3.0	5.0	4.0	14.0	18.0	16.0	1.0	55.9	38.7	5.4	28.1	4.2	1.0	2.5	5.0
21	46.5	46.0	59.0	860	11.0	14.0	3.0	3.0	4.0	5.0	15.0	20.0	16.0	4.0	61.5	32.7	5.8	15.4	4.5	1.0	2.5	3.0
22	44.0	56.5	56.0	1210	2.0	3.0	5.0	9.0	5.0	6.0	15.0	21.0	21.0	2.0	69.3	27.3	3.4	25.7	4.7	2.0	2.1	4.0
23	57.5	53.0	50.0	1250	3.0	12.0	1.0	9.0	4.0	5.0	17.0	22.0	22.0	2.0	60.3	36.7	3.0	17.7	4.7	2.0	2.1	1.0
24	46.5	60.5	65.0	1270	7.0	1.0	4.0	-0.	5.0	4.0	18.0	22.0	16.0	2.0	66.6	29.9	3.5	26.1	4.5	2.0	2.1	4.0
25	60.5	59.0	44.0	1350	2.0	10.0	1.0	7.0	6.0	6.0	8.0	14.0	18.0	4.0	65.1	31.3	3.6	30.6	4.7	2.0	2.1	3.0
26	55.0	55.5	44.0	1260	3.0	14.0	2.0	9.0	5.0	6.0	15.0	21.0	19.0	2.0	69.7	26.4	3.9	26.3	5.0	2.0	2.1	2.0
27	65.0	69.0	59.0	1240	2.0	15.0	2.0	7.0	5.0	5.0	18.0	23.0	20.0	2.0	63.0	32.1	4.9	20.9	4.7	2.0	2.1	2.0
28	64.5	57.5	46.0	810	2.0	2.0	1.0	7.0	6.0	5.0	16.0	21.0	18.0	1.0	51.4	43.8	4.8	24.4	4.5	2.0	2.4	3.0
29	48.5	53.5	86.0	1540	0.	0.	5.0	1.0	4.0	4.0	23.0	27.0	25.0	2.0	62.1	35.0	2.9	43.8	4.3	3.0	1.7	1.0
30	58.5	60.0	45.0	1610	0.	0.	1.0	1.0	2.0	4.0	11.0	15.0	14.0	2.0	52.3	42.0	5.7	32.8	4.9	3.0	1.2	1.0
31	65.0	55.0	39.0	1140	14.0	9.0	2.0	6.0	5.0	5.0	17.0	22.0	22.0	2.0	54.6	36.8	8.6	19.7	5.9	3.0	1.6	1.0
32	57.5	51.5	44.0	1650	8.0	14.0	2.0	1.0	5.0	6.0	20.0	26.0	26.0	7.0	64.0	33.4	2.6	35.7	5.0	3.0	1.6	2.0
33	58.5	58.0	55.0	1460	8.0	4.0	3.0	1.0	5.0	5.0	15.0	20.0	16.0	2.0	70.0	26.9	3.1	16.9	4.9	3.0	1.7	3.0
34	56.0	60.0	54.0	1530	4.0	11.0	3.0	7.0	5.0	4.0	20.0	24.0	20.0	1.0	73.8	22.1	4.1	18.3	4.8	3.0	1.7	3.0
35	42.0	50.5	61.0	1400	5.0	4.0	4.0	1.0	6.0	6.0	16.0	22.0	18.0	2.0	66.2	30.2	3.6	24.0	5.0	3.0	1.7	4.0
36	62.5	60.0	58.0	1410	7.0	12.0	4.0	8.0	5.0	4.0	16.0	20.0	18.0	2.0	60.2	37.0	2.8	24.8	4.8	3.0	1.7	3.0
37	62.0	58.0	48.0	1460	3.0	6.0	4.0	1.0	5.0	5.0	14.0	19.0	16.0	1.0	63.3	34.8	1.9	24.0	4.5	3.0	1.7	3.0
38	54.5	59.5	51.0	780	9.0	13.0	3.0	7.0	5.0	4.0	14.0	18.0	18.0	2.0	63.1	31.1	5.8	19.5	4.7	4.0	1.4	3.0
39	58.0	56.0	62.0	540	20.0	12.0	4.0	7.0	5.0	6.0	21.0	27.0	27.0	1.0	65.9	29.7	4.4	16.2	5.0	4.0	1.4	1.0
40	60.0	64.0	39.0	1000	5.0	15.0	2.0	5.0	4.0	4.0	13.0	17.0	12.0	2.0	36.9	55.5	7.6	34.2	4.9	4.0	1.1	2.0
41	59.5	73.0	47.0	1060	10.0	1.0	3.0	5.0	2.0	4.0	11.0	15.0	14.0	2.0	54.8	40.2	5.0	27.9	5.9	4.0	1.1	2.0
42	63.5	64.0	46.0	500	6.0	6.0	4.0	5.0	2.0	4.0	20.0	24.0	20.0	2.0	60.2	35.0	4.8	23.1	4.6	4.0	1.5	5.0
43	70.0	71.0	46.0	430	6.0	2.0	4.0	5.0	5.0	5.0	16.0	21.0	18.0	2.0	62.1	32.9	5.0	24.1	5.0	4.0	1.5	5.0
44	58.0	68.5	71.0	880	9.0	11.0	3.0	10.0	5.0	5.0	13.0	18.0	15.0	2.0	63.4	32.5	4.1	22.8	6.9	4.0	1.4	1.0
45	62.5	60.0	52.0	1520	7.0	14.0	4.0	2.0	6.0	3.0	20.0	23.0	15.0	2.0	47.5	48.9	3.6	32.6	4.5	4.0	1.4	4.0
46	57.0	63.0	42.0	1290	4.0	8.0	2.0	13.0	4.0	5.0	20.0	25.0	18.0	3.0	55.2	39.9	4.9	21.3	4.4	4.0	1.4	5.0
47	67.0	72.0	46.0	720	18.0	4.0	4.0	10.0	5.0	5.0	15.0	20.0	20.0	2.0	58.2	37.4	3.4	14.1	4.7	4.0	1.4	5.0
48	57.5	61.0	55.0	1510	5.0	8.0	3.0	1.0	5.0	3.0	14.0	17.0	21.0	2.0	57.2	37.8	5.0	23.2	5.2	4.0	1.4	3.0
49	54.0	56.0	63.0	1170	14.0	3.0	2.0	10.0	5.0	4.0	19.0	23.0	20.0	2.0	56.3	39.3	4.4	19.7	4.7	4.0	1.4	3.0
50	60.5	63.0	60.0	1210	10.0	14.0	2.0	4.0	5.0	4.0	14.0	18.0	16.0	2.0	48.4	44.6	7.2	25.3	4.7	4.0	1.1	2.0
51	60.0	64.5	56.0	700	14.0	1.0	3.0	4.0	5.0	5.0	23.0	28.0	24.0	3.0	51.7	45.4	2.9	20.5	4.7	3.0	1.3	3.0
52	58.0	64.0	45.0	920	7.0	5.0	3.0	10.0	5.0	3.0	18.0	21.0	15.0	3.0	61.3	33.7	5.0	19.6	5.4	4.0	1.9	3.0
53	70.0	70.5	41.0	730	2.0	15.0	5.0	12.0	5.0	4.0	11.0	15.0	15.0	2.0	63.0	32.8	4.2	26.2	5.0	4.0	1.0	4.0
54	59.0	62.0	62.0	770	7.0	9.0	4.0	11.0	5.0	5.0	15.0	20.0	20.0	1.0	66.7	28.1	5.2	16.5	5.3	5.0	3.2	5.0
55	59.0	58.0	66.0	880	8.0	15.0	4.0	11.0	5.0	5.0	17.0	22.0	18.0	1.0	71.8	24.1	4.1	15.6	5.3	5.0	3.5	5.0
56	63.0	59.5	92.0	910	0.	0.	1.0	7.0	6.0	4.0	24.0	28.0	28.0	3.0	57.5	37.2	5.3	22.7	4.7	5.0	3.4	1.0
57	56.0	59.5	61.0	1120	6.0	16.0	4.0	7.0	6.0	6.0	18.0	24.0	18.0	2.0	69.0	28.8	2.2	23.0	4.8	5.0	3.5	3.0
58	59.0	62.0	49.0	1360	7.0	1.0	4.0	7.0	5.0	7.0	17.0	24.0	18.0	2.0	73.2	23.5	3.3	20.0	5.0	5.0	3.2	4.0
59	54.0	55.0	55.0	910	8.0	4.0	3.0	11.0	5.0	6.0	25.0	-0.	28.0	4.0	77.9	19.0	3.1	18.8	5.0	5.0	3.3	2.0
60	50.0	53.0	81.0	1060	26.0	13.0	3.0	7.0	5.0	4.0	16.0	20.0	20.0	2.0	77.8	18.2	3.6	20.5	5.6	5.0	3.3	3.0
61	72.0	66.5	41.0	730	2.0	15.0	5.0	12.0	5.0	4.0	11.0	15.0	15.0	2.0	63.0	32.8	4.2	24.2	5.0	4.0	1.0	4.0
62	61.0	63.5	53.0	1260	4.0	6.0	2.0	7.0	6.0	5.0	16.0	21.0	16.0	1.0	50.8	42.8	6.4	111.3	4.9	5.0	3.3	3.0
63	66.0	70.0	57.0	1000	7.0	4.0	3.0	11.0	5.0	6.0	22.0	28.0	20.0	1.0	75.3	21.2	3.5	14.0	5.2	5.0	3.3	3.0
64	58.5	55.0	51.0	980	6.0	11.0	2.0	11.0	5.0	5.0	13.0	18.0	18.0	6.0	73.7	21.7	4.6	20.3	5.0	5.0	3.3	4.0
65	60.0	58.2	52.0	890	9.0	5.0	3.0	7.0	4.0	5.0	19.0	24.0	18.0	2.0	65.7	31.4	2.9	21.0	5.6	5.0	3.5	1.0
66	62.5	65.0	43.0	920	14.0	10.0	4.0	7.0	5.0	6.0	17.0	23.0	16.0	2.0	66.9	29.1	4.0	21.3	5.2	5.0	3.5	1.0
67	58.0	59.5	48.0	1120	10.0	4.0	4.0	7.0	6.0	5.0	21.0	26.0	18.0	2.0	60.6	35.9	3.5	22.6	5.2	5.0	3.5	3.0

68	66.0	68.0	53.0	800	7.0	2.0	4.0	7.0	5.0	5.0	17.0	22.0	16.0	2.0	69.9	26.3	3.8	21.9	5.0	5.0	3.1	5.0
69	63.0	61.0	64.0	820	5.0	2.0	4.0	8.0	8.0	4.0	19.0	23.0	17.0	2.0	73.2	21.4	5.4	40.8	4.2	5.0	3.1	4.0
70	56.5	63.5	59.0	980	7.0	3.0	4.0	7.0	5.0	6.0	15.0	21.0	17.0	3.0	66.6	29.8	3.6	29.4	6.0	5.0	3.1	4.0
71	53.0	52.0	62.0	920	5.0	2.0	2.0	7.0	5.0	4.0	15.0	19.0	18.0	1.0	63.6	32.7	3.7	34.7	4.5	5.0	3.5	1.0
AVG	58.0	59.6	54.0	1083	7.3	8.1	3.2	6.9	4.7	5.0	17.0	21.9	19.9	2.3	63.7	32.0	4.3	26.0	4.9	3.5	2.3	3.0
CVR	10.5	9.8	19.5	29	62.8	60.8	35.3	48.3	31.2	28.7	26.0	20.6	22.8	54.3	13.5	24.9	35.4	73.8	7.9	39.3	36.2	43.7
MAX	72.0	73.0	86.0	1910	26.0	16.0	5.0	13.0	9.0	11.0	30.0	36.0	36.0	7.0	84.1	55.5	9.4	147.2	6.0	5.0	3.5	5.0
MIN	41.0	46.0	39.0	430	2.0	1.0	1.0	1.0	1.0	2.0	7.0	11.0	12.0	1.0	36.9	12.8	1.6	11.7	4.2	1.0	1.0	1.0
TOT	71.0	71.0	71.0	71	66.0	67.0	71.0	70.0	70.0	70.0	70.0	69.0	71.0	71.0	70.0	70.0	70.0	71.0	71.0	71.0	71.0	71.0

GOGGANS, JAMES F.
LOBLOLLY, LONGLEAF, AND SLASH PINES
1958 ALABAMA COASTAL PLAIN

AGE=AGE

TOP= DEPTH OF TOPSOIL

SCT= TOPSOIL PERCENT SILT AND CLAY

SCB= B HORIZON PERCENT SILT AND CLAY

IMB= IMBIBITIONAL WATER VALUE OF THE MOST IMPERVIOUS HORIZON

HT= HEIGHT

CA= CALCIUM (MOLES/100GM..)

P= PHOSPHORUS(MOLES/100GM)

MG= MAGNESIUM (MOLES/100GM)

K= POTASSIUM(MOLES/100 GM)

KSP=POTASSIUM SUP. POWER (MOLES/100GM)

ORG= PERCENT ORGANIC MATTER

WSP= AVERAGE WARM SEASON PERCIPTATION

ANP= AVERAGE ANNUAL PRECIPITATION

FFD= AVERAGE FROST FREE DAYS

TR= NO. OF TREES

		AGE	TOP	SCT	SCB	IMB	HT	CA	P	MG	K	KSP	ORG	WSP	ANP	FFD	TR
1	4-001	11	34	16.8	31.5	10.6	32.2	.42415	24.0	.26727	.05575	.04910	.66	25	52	225	46
1	4-009	7	6	30.4	63.3	17.5	26.0	2.94411	88.5	1.26480	.11560	.13197	1.29	25	54	245	28
1	4-024	11	40	14.6	29.0	5.0	29.5	1.34730	30.5	.41118	.06189	.05780	2.22	27	55	250	24
1	4-027	11	4	42.8	69.2	19.9	30.6	2.89421	30.0	2.09704	.16829	.07928	1.66	22	51	245	84
1	4-031	12	34	19.7	30.9	3.7	32.6	.58633	39.5	.31908	.06010	.03760	.96	23	50	240	97
1	4-032	11	17	15.1	35.4	5.7	27.9	.28693	16.5	.29773	.06084	.05473	.90	23	50	240	49
1	4-033	10	21	18.3	28.4	5.8	29.0	.48653	25.0	.29770	.06010	.05192	.96	23	50	240	59
1	4-061	7	36	11.7	28.2	5.6	15.9	.46158	28.5	.29770	.05396	.06419	.68	23	50	240	76
1	4-072	11	47	13.5	21.3	2.6	24.4	.59880	34.5	.29770	.10460	.04066	1.10	27	55	240	15
1	4-073	10	24	8.5	33.5	9.1	31.3	.43663	17.0	.31908	.04859	.03453	1.00	27	55	240	51
1	4-074	10	55	7.8	16.9	4.1	31.6	.54890	25.0	.18503	.03325	.03355	.98	27	55	240	18
1	4-076	11	60	9.5	21.0	2.3	26.6	.28693	25.0	.20559	.02660	.01816	.60	27	55	240	11
1	4-079	11	33	14.6	27.8	3.6	26.3	.68613	28.0	.45230	.04476	.03350	1.27	27	55	240	47
1	4-082	7	13	14.6	37.6	6.5	14.9	.46158	24.5	.24671	.06880	.04936	.61	24	50	240	71
1	4-089	11	3	13.6	25.1	3.7	24.0	.69860	80.5	.34951	.07800	.07238	.86	25	52	240	48
1	4-100	6	7	15.8	31.4	4.5	16.0	.68613	28.5	.34951	.06010	.05192	.72	26	55	250	32
1	4-102	12	36	19.0	28.1	4.8	28.0	.64870	11.5	.26727	.03836	.03120	1.16	28	57	230	33
1	4-106	12	12	23.8	29.5	6.1	33.5	.44910	25.5	.21546	.03836	.07033	.78	28	57	230	40
1	4-108	12	19	36.2	51.6	6.6	34.9	.43663	21.5	.34951	.07263	.06343	1.02	24	52	240	61
1	4-110	12	14	28.0	43.2	6.1	33.8	.42415	15.5	.37993	.10972	.07698	.82	25	52	240	38
1	4-113	14	4	19.3	48.4	5.3	40.3	.43663	15.0	.29770	.06598	.08951	.66	25	52	240	61
1	4-114	14	20	26.2	34.8	5.8	42.6	.63623	37.0	.34951	.04757	.03990	1.48	29	58	230	36
1	4-120	13	46	15.9	23.8	2.8	31.5	.48653	43.5	.26727	.07008	.04373	.88	26	55	240	41
1	4-121	10	35	13.5	25.3	3.0	31.1	.37425	64.5	.24671	.04859	.03453	.59	26	56	240	15
1	4-123	8	42	13.2	26.3	2.4	20.2	.49900	48.5	.20559	.04629	.02916	.56	29	56	240	51
1	4-124	8	24	18.4	37.6	2.9	20.5	.82335	63.5	.26727	.08465	.03760	1.00	29	56	240	5
1	4-126	15	14	20.6	34.5	4.4	41.5	.69860	22.5	.29770	.05268	.05934	.76	25	52	240	4
1	4-127	12	22	32.0	44.6	5.8	31.0	1.11028	18.5	.45230	.04629	.06240	1.67	25	52	240	3
1	4-128	11	20	21.2	38.0	1.0	24.7	.76098	16.0	.31908	.07263	.02506	1.82	25	52	240	6
1	4-129	15	18	23.8	26.9	3.5	29.7	1.65918	27.0	.41118	.07928	.09002	2.18	25	52	230	2
1	4-130	15	20	29.3	33.7	5.5	33.2	.72355	12.5	.31908	.05268	.07903	1.59	25	52	230	5
1	4-131	12	14	26.4	33.4	4.2	28.0	1.17265	13.0	.37993	.10281	.08850	1.90	25	52	230	2
1	4-136	11	18	22.8	29.7	3.4	27.0	.22455	15.5	.31908	.02864	.05448	.62	25	52	225	3
1	4-138	12	14	34.0	45.7	9.9	30.9	2.07086	39.0	.65789	.16138	.05090	1.90	25	52	230	3
1	4-139	12	32	19.5	33.6	5.3	26.5	1.06038	13.0	.29770	.06010	.05192	1.76	29	58	230	2
1	4-141	12	6	18.2	52.5	5.2	31.8	.48653	24.0	.31908	.08312	.05102	1.49	29	58	230	2
1	4-143	12	13	27.3	36.6	4.1	34.9	1.57186	28.0	.41118	.11816	.06547	1.89	29	58	230	3
1	4-144	12	10	24.7	57.8	5.7	30.5	1.14770	14.5	.43174	.10102	.05626	.66	29	58	230	1
1	4-158	8	11	19.8	54.0	15.7	18.0	.37425	21.5	.31908	.10102	.10358	1.27	24	54	250	7
1	4-166	6	12	20.4	24.0	3.4	16.3	.86078	44.5	.41118	.05575	.09974	1.63	24	52	230	4
2	4-007	8	4	53.6	79.4	9.6	25.0	2.35800	35.5	1.66500	.22800	.44400	1.14	24	50	225	7
2	4-008	12	3	37.7	65.0	5.3	26.1	1.46000	32.5	1.04800	.13400	.20600	1.22	24	50	225	11
2	4-011	8	36	19.3	26.7	6.0	27.2	.71100	31.0	.12300	.01700	.06000	.88	26	54	250	12
2	4-026	11	3	43.9	73.3	19.7	30.2	3.95500	23.0	3.30900	.25900	.12300	2.12	22	50	245	10
2	4-034	10	25	17.5	23.4	6.1	31.5	.52400	45.0	.10300	.06100	.07200	.78	22	50	240	7
2	4-035	9	19	13.8	36.5	4.4	30.7	.32400	21.5	.09300	.02700	.03900	.80	26	54	245	3
2	4-038	9	51	14.0	24.7	3.4	28.4	.37400	32.5	.03200	.02400	.04600	.95	26	54	245	4
2	4-043	8	3	25.1	35.4	6.4	22.6	1.68400	31.5	1.01800	.14600	.12600	.94	25	51	230	10
2	4-047	13	8	15.8	48.6	5.2	27.1	.27400	35.0	.22700	.05000	.03200	1.18	26	54	250	7
2	4-054	15	34	19.7	27.6	3.9	41.2	.32400	20.0	.26800	.05100	.05200	.98	26	54	250	7
2	4-066	14	15	24.6	43.7	7.0	36.7	.28700	20.5	.24700	.04200	.04700	.99	25	53	225	8
2	4-067	14	20	25.9	38.4	6.3	44.3	.52400	29.5	.39100	.07100	.07100	1.40	25	53	225	6
2	4-069	12	16	28.0	51.5	11.0	37.3	.76100	16.0	.60700	.09400	.13100	1.32	25	53	225	10
2	4-075	11	14	19.2	36.0	8.3	34.5	.27400	17.0	.10300	.04200	.11500	.82	27	55	250	6
2	4-077	15	42	11.5	22.7	3.2	51.2	.31200	50.0	.06200	.03100	.03500	.81	27	55	250	4
2	4-083	15	16	40.6	48.6	6.0	42.6	4.01700	29.0	.17700	.26100	.18700	2.98	25	52	230	8
2	4-084	12	22	39.9	43.1	6.2	35.8	3.08100	25.5	1.02800	.18400	.20400	2.16	25	52	230	9
2	4-085	12	21	19.5	38.7	6.8	36.9	1.12300	44.0	.55500	.09400	.11300	1.18	25	52	240	7
2	4-086	12	16	25.1	31.9	5.0	36.5	.98600	21.0	.62500	.10900	.09600	1.68	25	52	230	11
2	4-090	11	12	17.1	21.9	3.5	25.7	.67400	41.5	.43100	.08200	.07400	1.80	25	52	240	10
2	4-091	12	17	20.8	30.1	4.6	34.5	.59900	17.0	.14400	.05100	.06000	1.02	25	52	235	12
2	4-092	12	6	33.7	57.1	5.1	30.9	1.34700	19.0	.72000	.10300	.09500	1.41	24	51	240	9
2	4-094	12	15	37.9	45.1	6.3	39.1	1.44700	19.0	.65800	.16500	.10500	2.22	25	52	235	7
2	4-097	10	66	5.1	16.1	7.8	29.8	.79800	101.5	.24700	.06000	.06600	.90	25	54	250	6
2	4-109	15	4	40.0	44.9	5.6	26.0	1.46000	34.5	1.52100	.23900	.21700	1.09	25	52	240	7
2	4-132	12	20	25.8	36.3	4.7	34.1	.64900	33.0	.41100	.05600	.06200	1.02	26	53	240	10
2	4-133	9	7	31.2	60.1	5.9	29.6	.72400	41.0	.41100	.09200	.06900	1.54	26	54	235	9
2	4-135	12	6	18.1	30.3	3.8	35.0	1.14800	44.5	.50300	.08300	.09400	1.26	26	53	240	8
2	4-137	12	16	27.3	37.3	4.3	30.0	.21200	20.0	.15500	.04000	.04800	1.06	26	54	235	3

2	4-142	12	19	22.4	30.9	3.8	45.2	.68600	32.5	.31900	.10500	.05100	1.61	28	57	230	73
2	4-146	12	4	19.5	42.6	4.7	39.9	1.36000	24.5	.55400	.10500	.04800	2.90	28	57	230	44
2	4-147	12	41	14.9	20.3	4.4	26.5	.42400	26.0	.12300	.05000	.04000	.66	30	58	230	94
2	4-148	12	14	20.5	28.2	3.2	36.0	1.04800	23.0	.60700	.09000	.06700	2.00	30	58	230	91
2	4-149	12	14	23.4	31.4	4.1	32.6	.64900	19.5	.38000	.09000	.07900	.98	29	58	230	53
2	4-150	7	16	11.4	36.3	10.8	26.3	.32400	26.5	.29800	.06900	.04700	1.10	26	55	250	85
2	4-155	7	4	17.2	48.5	6.9	15.2	.72400	20.0	.37900	.09200	.04900	1.22	26	55	250	72
2	4-157	5	33	13.9	29.7	6.7	14.1	.15000	9.0	.15400	.03400	.03800	.58	26	55	250	80
2	4-161	5	20	15.5	35.1	7.8	11.4	.63600	28.0	.29800	.03700	.03700	1.75	22	50	240	145
2	4-167	5	18	15.9	33.7	6.3	13.1	.58600	36.0	.34900	.08000	.06600	.87	24	52	230	59
2	4-168	5	26	24.7	30.7	4.0	10.9	1.75900	49.5	.82200	.05500	.19600	2.19	24	52	230	48
2	4-170	6	6	21.4	42.3	5.5	14.4	.56100	26.0	.38000	.04000	.07200	.83	29	59	230	94
2	4-171	6	11	18.0	40.5	7.1	15.0	.48700	43.0	.29700	.06800	.05300	.82	28	58	230	91
2	4-172	11	17	22.4	42.3	7.2	32.9	.79800	11.5	.37000	.07300	.06800	1.00	26	54	235	42
2	4-175	11	4	17.6	34.2	5.5	32.1	.92300	42.5	.72000	.12900	.16200	.72	25	52	220	102
2	4-176	5	18	25.9	35.0	5.0	16.0	.56100	71.0	.20600	.06400	.04400	1.48	28	58	230	109
2	4-177	5	14	22.2	32.4	4.8	17.5	.76100	89.5	.38000	.04600	.04100	1.35	28	58	230	86
3	4-064	16	14	25.2	28.8	2.8	41.9	.52395	20.0	.29770	.06701	.06292	1.04	25	52	225	28
3	4-065	10	4	36.5	72.7	11.6	25.5	1.06038	10.5	.95559	.09591	.29412	.98	25	52	225	64
3	4-068	14	18	25.3	43.5	4.7	35.2	.36178	10.0	.06168	.04476	.04015	2.44	25	52	225	67
3	4-070	14	3	44.7	45.5	8.5	27.9	.64987	7.0	.68914	.08900	.21279	1.34	26	54	250	99
3	4-071	14	14	35.7	52.5	6.6	46.5	.64271	15.0	.39062	.06777	.03453	1.94	26	54	250	77
3	4-081	12	5	25.6	42.4	6.7	34.9	.52395	21.5	.37006	.08696	.08568	.76	24	51	230	80
3	4-087	12	19	19.6	40.0	7.1	38.8	.24351	15.0	.49342	.06598	.05882	.44	24	51	240	27
3	4-093	11	8	27.1	52.8	8.0	35.9	.84232	25.0	.80181	.12839	.16266	1.06	24	50	240	45
3	4-095	11	7	29.2	54.1	18.1	36.7	4.66567	37.0	4.02960	.35166	.34859	2.46	24	50	240	48
3	4-098	15	9	18.0	40.3	5.4	49.9	.29940	22.0	.06168	.08824	.05550	.68	27	55	250	71
3	4-099	6	6	17.2	30.0	3.7	19.5	.96058	42.0	.20559	.11202	.09821	.95	27	55	250	32
3	4-105	11	3	22.4	49.4	4.6	32.3	.70459	15.0	.58553	.08184	.08951	1.04	29	58	230	40
3	4-107	11	5	26.5	52.2	5.0	34.0	.80439	25.0	.76069	.06394	.07545	1.09	27	56	240	57
3	4-111	16	3	39.0	41.4	5.2	37.9	.77345	57.0	.88405	.10870	.17136	.92	24	51	240	77
3	4-112	15	7	28.7	53.6	6.8	39.4	.94810	12.5	.45280	.08824	.08440	.98	24	51	240	76
3	4-116	12	20	10.8	44.6	4.2	39.3	.14370	33.0	.02056	.06138	.03453	.76	27	54	245	77
3	4-122	11	22	11.3	16.6	2.8	37.7	.36178	37.0	.28783	.04322	.03990	.52	26	55	245	30
3	4-134	10	8	32.3	54.0	6.2	25.5	.96058	19.5	.49342	.12481	.10537	1.65	26	54	235	50
3	4-140	12	17	28.1	35.2	4.1	39.4	.66766	37.5	.27714	.07545	.05550	1.37	30	58	230	40
3	4-145	5	11	22.6	46.2	6.6	19.4	.56138	46.5	.18503	.05985	.02199	.94	30	58	230	83
3	4-154	5	26	16.5	36.2	6.4	15.3	.68613	22.0	.21546	.04629	.02992	.56	26	55	246	55
3	4-160	5	22	18.9	31.3	6.6	13.3	.73605	21.5	.37004	.05422	.03657	1.12	22	50	245	94
3	4-162	5	12	12.8	41.1	5.4	14.0	.21856	19.5	.37006	.02762	.01713	.51	26	54	245	99
3	4-163	5	6	10.4	23.1	5.3	10.9	1.12275	33.5	1.25411	.06394	.05422	.89	26	54	245	139
3	4-164	5	3	33.0	65.7	11.3	9.7	2.43263	14.0	2.11760	.17340	.17954	1.07	25	53	225	71
3	4-165	5	10	35.1	41.6	6.0	13.6	.94810	32.0	.94572	.13043	.09156	2.88	25	53	225	33
3	4-169	13	5	27.4	52.0	9.6	35.9	.82335	14.0	.32895	.11253	.13555	.82	24	51	230	69
3	4-062	12	64	12.9	16.0	1.6	37.8	.32435	62.0	.09210	.05115	.04092	.78	24	50	235	34
3	4-152	11	20	9.8	13.0	2.0	30.2	.22455	35.5	.25658	.06394	.04604	.46	26	55	248	17
3	4-006	12	41	17.8	13.1	3.3	34.7	1.06038	20.0	.21546	.03299	.05908	1.06	24	51	222	84
3	4-036	11	34	25.3	34.4	3.7	38.2	.86078	31.0	.39063	.06496	.03427	.96	26	50	244	71
3	4-045	7	69	9.9	14.1	1.5	24.9	.12475	74.0	.16447	.03299	.03299	.75	26	55	249	66
3	4-048	9	64	10.0	14.6	2.0	27.8	.23703	51.0	.19572	.02404	.03478	.60	26	55	249	33
3	4-052	14	36	15.8	35.5	4.6	41.7	.26198	33.0	.30839	.03120	.03734	.60	26	55	249	60
3	4-053	13	39	16.4	25.5	3.1	39.0	.33683	18.5	.16447	.04885	.01969	.78	26	55	250	76
3	4-060	11	48	13.4	26.3	3.9	33.6	.44910	29.0	.18503	.06880	.05141	1.02	23	50	239	41
3	4-078	11	58	11.5	18.9	3.6	35.1	.53643	36.0	0.	.01586	.02455	.98	27	55	239	53
3	4-096	14	58	21.8	34.7	11.0	51.3	.39920	34.0	.21546	.08465	.08158	.77	24	50	240	74
3	4-103	10	52	18.1	23.4	2.9	40.4	.27445	15.0	.09210	.05115	.04092	.90	28	56	240	55
3	4-104	12	38	20.9	24.3	3.8	41.4	.63623	15.5	.30839	.05882	.05166	.82	28	57	230	39
3	4-117	12	46	11.3	31.0	3.9	41.5	.19960	54.5	.09210	.05985	.03937	.37	27	54	245	43
3	4-119	13	48	17.3	21.8	2.9	40.8	.17465	60.0	.03125	.02864	.02558	1.16	26	55	240	55
3	4-125	14	45	13.9	28.0	3.3	48.3	.38673	30.0	.32895	.07263	.07621	.86	28	55	240	36
3	4-151	5	41	13.4	24.9	4.5	21.0	.37425	32.0	.32895	.07545	.06215	.63	26	55	250	136
3	4-153	5	36	15.9	26.2	4.8	16.4	.31188	54.5	.15460	.04143	.04808	.50	26	55	250	160
3	4-156	5	36	17.7	21.7	4.6	12.6	1.08533	71.5	.24671	.11023	.09898	.98	26	55	250	46
3	4-159	5	43	10.1	23.2	5.4	14.0	.39321	53.0	.37006	.04629	.02072	.58	26	54	245	94
3	4-174	12	31	19.8	32.5	6.0	42.7	.36178	46.0	.24671	.07417	.06010	.80	31	57	230	82
3	4-003	6	19	43.2	44.0	5.8	20.8	1.29740	132.0	.61678	.18772	.19386	2.30	25	53	226	48
3	4-005	9	5	44.9	80.6	21.6	25.9	.69860	44.0	.52467	.22225	.21381	2.23	24	51	222	76
3	4-012	9	6	29.8	71.1	7.2	28.2	.47405	22.5	.15460	.04322	.05141	1.12	24	54	245	87
3	4-013	8	10	17.9	44.5	7.9	18.4	.39920	22.0	.18503	.06087	.09898	1.16	22	50	242	53
3	4-015	8	20	21.0	30.8	5.2	19.3	.31188	16.5	.25827	.03120	.04501	.59	22	50	242	27
3	4-016	10	14	11.0	28.0	11.2	32.0	.23702	12.0	.09210	.04885	.01714	1.26	27	54	245	81
3	4-018	10	18	16.1	40.0	5.0	23.0	.28693	16.0	.19572	.04859	.01995	1.34	27	54	245	72
3	4-019	13	21	10.7	28.3	5.2	33.4	.17465	6.5	.09210	.03095	.05396	.60	27	54	245	21
3	4-020	14	19	12.8	36.4	13.5	41.2	.36178	12.0	.33882	.03529	.03325	.88	27	54	245	69
3	4-021	14	10	13.7	40.2	5.9	41.5	.74850	30.0	.43174	.06087	.06394	1.02	27	54	245	63
3	4-025	11	7	38.5	66.3	18.3	36.8	2.09581	25.0	1.41858	.13274	.08005	1.66	22	50	242	76
3	4-037	10	23	19.6	37.9	4.2	33.5	.43663	19.0	.16447	.05268	.04655	.82	26	54	244	54
3	4-041	12	18	25.2	27.6	3.3	38.9	1.13523	27.5	.46217	.09719	.08056	2.44	24	51	230	61
3	4-046	13	14	15.8	50.6	6.6	37.8	.36178	29.5	.49342	.06087	.03120	1.06	26	55	250	88
3	4-049	13	8	14.4	50.4	6.3	39.7	.37425	23.0	.26727	.03683	.02199	1.45	26	55	250	59
3	4-050	13	2	46.8	64.9	8.2	28.0	.99800	10.5	1.20230	.12378	.14783	1.28	26	55	250	54
3	4-051	14	13	13.3	46.4	5.0	40.8	.02495	18.0	.06168	.02630	.04169	1.01	26	55	250	82
3	4-055	13	22	21.2	30.6	4.6	42.4	.28693	42.0	.09210	.05575	.02225	.70	24	51	235	55
3	4-058	11	15	27.5	63.7	5.1	36.4	.93563	45.0	.43174	.09463	.06138	1.26	24	51	235	91
3	4-059	14	15	27.5	42.0	5.2	45.1	.27445	29.0	.29770	.05678	.05192	.92	24	51	235	105
3	4-063	12	19	21.6	53.8	4.4	38.0	.43663	43.5	.03125	.03734	.03299	1.78	24	50	235	54
G		11	21	21.9	37.8	6.0	30.5	.79258	31.3	.45114	.07843	.07506	1.17	26	54	238	64
R		28	75	42.1	36.8	58.3	31.0	91.27994	59.9	113.33770	64.94178	81.00315	45.86	7	5	3	45
K		16	69	53.6	80.6	21.6	51.3	4.66567	132.0	4.02960	.35166	.44400	2.98	31	59	250	160
N		5	2	5.1	13.0	1.0	9.7	.02495	6.5	.02056	.01586	.01713	.37	22	50	220	11
T		155	155	155.0	155.0	155.0	155.0	155.00000	155.0	154.00000	155.00000	155.00000	155.00	155	155	155	155

GRIGSBY. H.C.
LOBLOLLY PINE
SOUTHERN LOUISIANA. 1952

SC=SOILTYPE

SI=SITE INDEX

DA=DEPTH A HORIZON

DM=DEPTH TO MOTTLING

DG=DEPTH TO GREATEST DRAINAGE

DP=DEPTH TO PLASTICITY

MQ=MOISTURE EQIUVALENT

SA=SAND

SI=SILT

CL=CLAY

SL=SLOPE

	SC	SI	DA	DM	DG	DP	MQ	SA	SI	CL	SL
01	1	104	6.27	17	17	17	10.64	20.56	53.92	25.51	1.00
02	1	111	5.50	6	17	17	25.50	20.14	49.94	29.92	1.00
03	1	115	7.62	29	24	24	9.82	24.39	54.51	21.10	1.50
04	2	113	8.00	22	22	22	9.07	30.25	50.44	19.30	1.00
05	3	109	9.12	0	30	30	9.34	28.82	51.54	19.64	1.00
06	1	114	7.37	9	19	19	19.13	14.93	54.19	30.87	2.00
07	4	103	7.62	8	11	10	13.97	13.50	50.01	36.49	2.00
08	5	115	6.00	7	17	17	13.03	16.25	54.10	29.65	1.00
09	6	94	5.99	36	6	6	12.58	15.93	46.04	38.02	5.00
10	7	99	5.12	24	6	6	11.46	38.17	24.23	37.60	7.00
11	8	100	6.00	24	6	6	11.86	18.62	52.94	28.44	5.00
12	9	103	6.87	27	27	6	12.05	20.37	50.71	28.91	3.50
13	6	98	10.12	35	34	10	11.90	24.40	41.80	33.80	2.50
14	9	97	8.87	30	25	10	13.69	14.89	19.43	35.67	3.00
15	7	106	6.99	0	0	8	12.03	20.24	46.22	33.54	1.00
AVG	5	105	7.16	21	19	14	13.07	21.43	46.67	29.90	2.50
CVR	65	7	19.94	51	48	55	32.11	31.75	22.99	20.94	74.83
MAX	9	115	10.12	36	34	30	25.50	38.17	54.51	38.02	7.00
MIN	1	94	5.12	6	6	6	9.07	13.50	19.43	19.30	1.00
TOT	15	15	15.00	13	14	15	15.00	15.00	15.00	15.00	15.00

FIRST CARD NOT PROCESSED 026002017

P 000000 RA 006765 FL 041000 EM 070000

A0	035773	X0	1777000000000000000	B0	000000
A1	035374	X1	1777000000000000000	B1	000001
A2	036176	X2	1777000000000000000	B2	777747
A3	036172	X3	1717000000000000000	B3	777717
A4	040773	X4	1717132417226300235 6	B4	000001
A5	040776	X5	1717020003520473703 1	B5	036173
A6	003463	X6	1747400000000000000	B6	000001
A7	035564	X7	1717020003520473703 1	B7	000014

PM
INDEFINITE OPERAND P= 040761

HEBB, E. A.
TULIP POPLAR
1962, TENNESSEE

SI-SITE INDEX

TP-TOPOGRAPHIC EXPOSURE

DE-DIRECTION EXPOSURE

SD-SOIL DRAINAGE

SL-SLOPE LENGTH ABOVE TREE

BA-BASAL AREA

CI-COMPETITION INDEX

SM-SOIL DEPTH TO MOTTLING

NA-NOMINAL AERATION POROSITY

NP-NOMINAL PERCENT SILT IN 10-30 INCH SOIL LAYER

	SI	TP	DE	SD	SL	BA	CI	SM	NA	NP
45.0	62.0	4.0	2.0	3.0	30.0	82.0	6.0	33.0	14.0	68.0
52.0	56.0	4.0	1.0	3.0	45.0	118.0	6.0	15.0	16.0	56.0
55.0	81.0	4.0	5.0	2.0	36.0	109.0	8.0	25.0	14.0	56.0
60.0	74.0	4.0	1.0	3.0	50.0	118.0	3.0	70.0	15.0	52.0
102.0	97.0	5.0	5.0	2.0	0.	64.0	6.0	70.0	16.0	26.0
107.0	84.0	6.0	5.0	2.0	0.	100.0	7.0	0.	14.0	68.0
113.0	87.0	4.0	5.0	3.0	150.0	82.0	4.0	24.0	12.0	61.0
114.0	74.0	3.0	5.0	3.0	120.0	55.0	3.0	70.0	11.0	22.0
117.0	54.0	3.0	1.0	3.0	70.0	91.0	5.0	32.0	16.0	30.0
118.0	85.0	4.0	1.0	3.0	121.0	109.0	10.0	42.0	16.0	37.0
122.0	70.0	3.0	5.0	3.0	180.0	64.0	4.0	70.0	11.0	22.0
124.0	74.0	3.0	5.0	3.0	141.0	91.0	7.0	70.0	18.0	11.0
130.0	61.0	2.0	6.0	3.0	30.0	73.0	4.0	70.0	10.0	58.0
132.0	72.0	2.0	7.0	4.0	18.0	64.0	3.0	44.0	16.0	27.0
136.0	75.0	4.0	6.0	3.0	35.0	91.0	7.0	70.0	16.0	27.0
137.0	65.0	2.0	6.0	3.0	24.0	118.0	9.0	70.0	16.0	23.0
138.0	80.0	3.0	5.0	2.0	25.0	36.0	2.0	5.0	14.0	60.0
139.0	71.0	1.0	7.0	3.0	7.0	100.0	9.0	70.0	10.0	19.0
140.0	64.0	3.0	5.0	4.0	89.0	91.0	8.0	70.0	14.0	56.0
143.0	78.0	3.0	5.0	3.0	119.0	55.0	4.0	16.0	23.0	56.0
146.0	92.0	5.0	5.0	1.0	0.	91.0	5.0	42.0	16.0	25.0
147.0	59.0	3.0	2.0	3.0	88.0	91.0	6.0	70.0	16.0	27.0
148.0	75.0	2.0	2.0	3.0	20.0	73.0	4.0	70.0	12.0	31.0
149.0	77.0	2.0	7.0	4.0	24.0	127.0	7.0	70.0	16.0	27.0
150.0	66.0	2.0	4.0	3.0	14.0	64.0	4.0	70.0	10.0	58.0
153.0	81.0	4.0	7.0	3.0	66.0	109.0	8.0	42.0	16.0	27.0
155.0	74.0	1.0	5.0	2.0	5.0	137.0	13.0	54.0	12.0	58.0
157.0	89.0	2.0	5.0	3.0	10.0	46.0	4.0	70.0	15.0	10.0
160.0	71.0	3.0	8.0	3.0	10.0	73.0	4.0	70.0	14.0	60.0
168.0	63.0	1.0	5.0	3.0	0.	64.0	3.0	70.0	12.0	58.0
173.0	77.0	6.0	5.0	1.0	0.	200.0	11.0	10.0	17.0	68.0
178.0	80.0	4.0	3.0	3.0	25.0	118.0	6.0	48.0	16.0	27.0
179.0	80.0	4.0	6.0	3.0	19.0	100.0	7.0	70.0	16.0	36.0
185.0	75.0	2.0	9.0	3.0	20.0	55.0	3.0	70.0	10.0	58.0
187.0	81.0	3.0	5.0	3.0	69.0	55.0	3.0	70.0	11.0	58.0
190.0	72.0	2.0	7.0	3.0	23.0	46.0	4.0	24.0	13.0	23.0
193.0	68.0	5.0	5.0	4.0	63.0	55.0	3.0	70.0	14.0	68.0
191.0	63.0	2.0	4.0	3.0	41.0	55.0	4.0	70.0	16.0	21.0
197.0	68.0	3.0	6.0	3.0	46.0	46.0	4.0	38.0	16.0	25.0
201.0	48.0	4.0	4.0	3.0	44.0	64.0	6.0	38.0	14.0	44.0
208.0	79.0	2.0	1.0	3.0	12.0	46.0	2.0	9.0	14.0	68.0
209.0	69.0	4.0	5.0	3.0	25.0	55.0	4.0	8.0	14.0	44.0
210.0	79.0	1.0	5.0	2.0	0.	46.0	1.0	70.0	14.0	68.0
218.0	76.0	1.0	5.0	3.0	11.0	46.0	3.0	8.0	14.0	68.0
220.0	81.0	1.0	3.0	3.0	10.0	109.0	9.0	27.0	14.0	60.0
222.0	71.0	3.0	6.0	3.0	35.0	82.0	7.0	24.0	16.0	24.0
224.0	78.0	4.0	2.0	3.0	45.0	182.0	16.0	48.0	16.0	43.0
227.0	76.0	1.0	1.0	4.0	9.0	82.0	7.0	70.0	16.0	24.0
230.0	73.0	2.0	9.0	3.0	12.0	73.0	4.0	70.0	14.0	39.0
231.0	72.0	2.0	5.0	3.0	34.0	91.0	7.0	20.0	12.0	63.0
241.0	86.0	4.0	5.0	4.0	0.	118.0	7.0	70.0	16.0	27.0
242.0	60.0	1.0	5.0	4.0	24.0	118.0	6.0	26.0	14.0	63.0
247.0	83.0	3.0	5.0	3.0	0.	100.0	6.0	50.0	14.0	68.0
257.0	75.0	4.0	5.0	3.0	29.0	82.0	3.0	70.0	14.0	68.0
265.0	80.0	2.0	9.0	4.0	54.0	91.0	7.0	70.0	14.0	31.0
268.0	61.0	3.0	6.0	3.0	20.0	36.0	3.0	38.0	14.0	44.0
277.0	93.0	6.0	5.0	1.0	0.	100.0	7.0	37.0	18.0	47.0
288.0	56.0	1.0	8.0	3.0	4.0	91.0	6.0	70.0	13.0	33.0
290.0	69.0	4.0	5.0	2.0	87.0	55.0	4.0	32.0	14.0	44.0
293.0	75.0	2.0	5.0	3.0	12.0	100.0	4.0	30.0	14.0	61.0
296.0	71.0	3.0	8.0	3.0	9.0	64.0	3.0	70.0	14.0	55.0
300.0	69.0	5.0	5.0	3.0	21.0	64.0	2.0	51.0	16.0	47.0
195.0	67.0	1.0	5.0	4.0	20.0	36.0	3.0	70.0	14.0	58.0
232.0	65.0	1.0	5.0	3.0	0.	55.0	5.0	36.0	14.0	52.0
15.0	69.0	6.0	5.0	1.0	0.	100.0	10.0	4.0	18.0	72.0
20.0	84.0	6.0	5.0	1.0	0.	55.0	4.0	4.0	24.0	47.0
48.0	66.0	4.0	5.0	2.0	0.	82.0	5.0	46.0	16.0	24.0
57.0	57.0	1.0	5.0	4.0	9.0	64.0	2.0	70.0	14.0	60.0
58.0	39.0	2.0	1.0	3.0	11.0	46.0	2.0	47.0	12.0	58.0
62.0	36.0	4.0	9.0	3.0	26.0	100.0	8.0	48.0	16.0	22.0
128.0	44.0	1.0	4.0	4.0	49.0	55.0	5.0	70.0	12.0	21.0
121.0	89.0	4.0	5.0	3.0	143.0	91.0	9.0	70.0	15.0	27.0
126.0	74.0	3.0	6.0	3.0	83.0	109.0	9.0	70.0	11.0	26.0
131.0	59.0	2.0	2.0	3.0	30.0	127.0	9.0	70.0	18.0	11.0

134.0	68.0	4.0	4.0	4.0	20.0	91.0	5.0	12.0	16.0	40.0
152.0	58.0	4.0	9.0	4.0	59.0	109.0	9.0	54.0	16.0	30.0
154.0	71.0	4.0	5.0	3.0	20.0	73.0	2.0	70.0	14.0	68.0
158.0	73.0	4.0	5.0	4.0	54.0	91.0	8.0	70.0	14.0	58.0
161.0	62.0	3.0	8.0	3.0	72.0	46.0	2.0	54.0	14.0	58.0
164.0	78.0	3.0	6.0	3.0	24.0	55.0	5.0	41.0	14.0	62.0
174.0	59.0	1.0	5.0	4.0	20.0	91.0	8.0	33.0	13.0	58.0
175.0	71.0	3.0	7.0	3.0	42.0	73.0	4.0	70.0	14.0	62.0
176.0	60.0	4.0	8.0	3.0	76.0	64.0	4.0	70.0	14.0	62.0
180.0	41.0	3.0	6.0	3.0	18.0	55.0	3.0	18.0	16.0	22.0
181.0	62.0	3.0	6.0	3.0	17.0	73.0	7.0	36.0	16.0	27.0
192.0	58.0	2.0	9.0	3.0	43.0	91.0	6.0	70.0	14.0	50.0
194.0	72.0	5.0	5.0	2.0	66.0	36.0	0.	70.0	14.0	68.0
196.0	70.0	2.0	6.0	4.0	16.0	55.0	3.0	70.0	14.0	58.0
199.0	57.0	2.0	3.0	3.0	54.0	55.0	4.0	12.0	14.0	41.0
200.0	37.0	4.0	6.0	2.0	50.0	82.0	7.0	38.0	14.0	44.0
202.0	45.0	4.0	4.0	3.0	43.0	73.0	7.0	38.0	14.0	44.0
204.0	38.0	1.0	5.0	2.0	0.	46.0	3.0	70.0	14.0	68.0
205.0	43.0	3.0	6.0	3.0	17.0	64.0	3.0	10.0	14.0	22.0
206.0	58.0	3.0	7.0	3.0	13.0	73.0	2.0	70.0	14.0	18.0
213.0	40.0	3.0	2.0	3.0	40.0	82.0	7.0	30.0	16.0	27.0
229.0	74.0	4.0	9.0	2.0	20.0	64.0	4.0	33.0	16.0	24.0
233.0	60.0	2.0	7.0	3.0	6.0	118.0	9.0	33.0	12.0	58.0
234.0	34.0	3.0	7.0	3.0	20.0	118.0	10.0	27.0	14.0	44.0
236.0	75.0	5.0	5.0	2.0	61.0	55.0	1.0	12.0	14.0	64.0
240.0	59.0	2.0	5.0	4.0	0.	100.0	6.0	62.0	14.0	59.0
245.0	62.0	1.0	5.0	3.0	0.	46.0	2.0	14.0	14.0	68.0
246.0	58.0	4.0	5.0	3.0	11.0	46.0	0.	54.0	14.0	68.0
249.0	54.0	3.0	6.0	3.0	8.0	73.0	4.0	70.0	13.0	31.0
250.0	70.0	4.0	6.0	2.0	12.0	73.0	6.0	28.0	14.0	29.0
253.0	84.0	3.0	4.0	3.0	12.0	73.0	6.0	70.0	14.0	34.0
255.0	78.0	1.0	5.0	3.0	0.	73.0	7.0	30.0	14.0	62.0
256.0	79.0	4.0	7.0	3.0	25.0	118.0	7.0	42.0	14.0	68.0
259.0	69.0	5.0	5.0	4.0	33.0	46.0	4.0	66.0	14.0	68.0
260.0	73.0	5.0	5.0	4.0	32.0	82.0	4.0	70.0	14.0	44.0
262.0	53.0	1.0	5.0	3.0	0.	55.0	3.0	36.0	14.0	68.0
267.0	63.0	3.0	7.0	3.0	37.0	73.0	5.0	57.0	11.0	22.0
272.0	82.0	4.0	9.0	3.0	36.0	82.0	6.0	36.0	14.0	33.0
279.0	55.0	6.0	5.0	1.0	0.	127.0	12.0	13.0	21.0	49.0
289.0	57.0	2.0	6.0	3.0	5.0	64.0	6.0	30.0	14.0	36.0
291.0	51.0	4.0	3.0	3.0	97.0	82.0	5.0	30.0	14.0	39.0
294.0	70.0	2.0	5.0	3.0	0.	100.0	8.0	34.0	14.0	61.0
297.0	69.0	2.0	7.0	3.0	10.0	91.0	5.0	70.0	14.0	41.0
1.0	93.0	6.0	5.0	1.0	0.	182.0	16.0	4.0	9.0	27.0
2.0	97.0	6.0	5.0	1.0	0.	137.0	14.0	1.0	14.0	87.0
5.0	91.0	6.0	5.0	1.0	0.	155.0	14.0	2.0	14.0	87.0
7.0	99.0	6.0	5.0	1.0	0.	55.0	5.0	4.0	14.0	66.0
10.0	100.0	6.0	5.0	1.0	0.	100.0	5.0	3.0	14.0	83.0
13.0	75.0	6.0	5.0	1.0	0.	118.0	9.0	9.0	19.0	87.0
14.0	87.0	6.0	5.0	1.0	0.	91.0	7.0	6.0	20.0	68.0
19.0	86.0	6.0	5.0	1.0	0.	55.0	5.0	3.0	14.0	87.0
24.0	84.0	4.0	5.0	3.0	200.0	100.0	5.0	4.0	14.0	28.0
26.0	89.0	6.0	5.0	2.0	0.	73.0	5.0	1.0	14.0	87.0
29.0	97.0	6.0	5.0	2.0	0.	100.0	7.0	3.0	14.0	68.0
31.0	95.0	6.0	5.0	2.0	0.	127.0	11.0	1.0	14.0	73.0
36.0	86.0	6.0	5.0	3.0	0.	109.0	8.0	70.0	21.0	33.0
38.0	92.0	6.0	5.0	2.0	0.	82.0	7.0	6.0	14.0	69.0
39.0	88.0	6.0	5.0	1.0	0.	100.0	9.0	3.0	21.0	29.0
41.0	95.0	6.0	5.0	2.0	0.	100.0	8.0	6.0	20.0	87.0
49.0	84.0	5.0	5.0	4.0	0.	118.0	8.0	4.0	16.0	27.0
61.0	83.0	4.0	5.0	3.0	42.0	118.0	6.0	54.0	14.0	19.0
101.0	103.0	5.0	5.0	2.0	0.	164.0	13.0	34.0	16.0	15.0
104.0	85.0	4.0	5.0	2.0	65.0	82.0	7.0	70.0	16.0	37.0
106.0	94.0	6.0	5.0	2.0	0.	82.0	6.0	2.0	14.0	58.0
109.0	101.0	6.0	5.0	1.0	0.	155.0	12.0	0.	17.0	68.0
111.0	101.0	6.0	5.0	1.0	0.	100.0	8.0	0.	23.0	11.0
112.0	86.0	4.0	5.0	2.0	165.0	91.0	7.0	20.0	12.0	63.0
115.0	65.0	3.0	5.0	3.0	112.0	118.0	9.0	40.0	14.0	37.0
120.0	84.0	4.0	5.0	3.0	130.0	118.0	11.0	70.0	16.0	27.0
123.0	80.0	4.0	5.0	3.0	176.0	91.0	7.0	70.0	16.0	40.0
125.0	68.0	3.0	5.0	3.0	151.0	82.0	4.0	70.0	15.0	15.0
127.0	80.0	3.0	1.0	3.0	78.0	118.0	8.0	70.0	14.0	48.0
135.0	83.0	4.0	3.0	2.0	44.0	73.0	5.0	42.0	14.0	34.0
141.0	75.0	3.0	7.0	4.0	90.0	100.0	6.0	70.0	14.0	25.0
144.0	88.0	3.0	4.0	3.0	132.0	118.0	4.0	54.0	14.0	68.0
145.0	84.0	4.0	5.0	2.0	155.0	73.0	4.0	70.0	14.0	67.0
156.0	68.0	1.0	5.0	2.0	10.0	155.0	11.0	54.0	12.0	58.0
167.0	79.0	5.0	5.0	2.0	22.0	109.0	8.0	70.0	14.0	62.0
169.0	92.0	4.0	5.0	2.0	42.0	64.0	5.0	26.0	14.0	68.0
170.0	90.0	4.0	5.0	3.0	30.0	55.0	4.0	70.0	14.0	35.0
172.0	91.0	5.0	5.0	1.0	0.	127.0	7.0	10.0	17.0	68.0
186.0	73.0	3.0	5.0	3.0	40.0	55.0	4.0	48.0	14.0	58.0
188.0	96.0	6.0	5.0	1.0	0.	118.0	9.0	2.0	10.0	19.0
211.0	66.0	2.0	5.0	3.0	6.0	118.0	11.0	70.0	14.0	68.0
215.0	81.0	5.0	5.0	3.0	0.	64.0	3.0	22.0	16.0	28.0
217.0	80.0	2.0	3.0	3.0	29.0	55.0	4.0	38.0	14.0	30.0
219.0	57.0	2.0	5.0	3.0	25.0	109.0	8.0	46.0	14.0	56.0
221.0	75.0	1.0	3.0	3.0	10.0	173.0	12.0	27.0	14.0	60.0
223.0	69.0	3.0	3.0	3.0	35.0	118.0	9.0	24.0	16.0	24.0
225.0	79.0	4.0	5.0	4.0	45.0	118.0	9.0	48.0	16.0	43.0
226.0	71.0	4.0	7.0	2.0	15.0	118.0	10.0	2.0	14.0	48.0
228.0	86.0	2.0	3.0	3.0	10.0	55.0	5.0	17.0	16.0	24.0
235.0	80.0	4.0	5.0	3.0	44.0	46.0	3.0	58.0	14.0	34.0
239.0	79.0	3.0	7.0	3.0	23.0	127.0	12.0	70.0	13.0	21.0

244.0	72.0	4.0	5.0	4.0	61.0	82.0	6.0	32.0	14.0	68.0
248.0	60.0	2.0	6.0	3.0	5.0	91.0	4.0	39.0	12.0	58.0
252.0	77.0	4.0	5.0	2.0	29.0	109.0	7.0	30.0	14.0	44.0
254.0	74.0	1.0	5.0	3.0	0.	73.0	4.0	30.0	14.0	62.0
258.0	91.0	4.0	5.0	3.0	32.0	109.0	3.0	70.0	14.0	68.0
261.0	75.0	5.0	5.0	2.0	31.0	73.0	5.0	20.0	16.0	68.0
264.0	62.0	2.0	4.0	3.0	46.0	55.0	4.0	8.0	14.0	68.0
266.0	66.0	4.0	6.0	4.0	20.0	55.0	4.0	30.0	12.0	19.0
269.0	70.0	4.0	4.0	3.0	41.0	73.0	7.0	48.0	11.0	17.0
275.0	84.0	4.0	5.0	2.0	65.0	100.0	9.0	7.0	15.0	34.0
282.0	97.0	6.0	5.0	2.0	0.	100.0	10.0	1.0	14.0	68.0
283.0	102.0	6.0	5.0	2.0	0.	109.0	8.0	30.0	14.0	68.0
285.0	85.0	6.0	5.0	2.0	0.	118.0	9.0	30.0	14.0	68.0
292.0	83.0	5.0	5.0	2.0	53.0	46.0	4.0	28.0	14.0	37.0
295.0	64.0	2.0	9.0	3.0	12.0	100.0	9.0	25.0	14.0	62.0
298.0	77.0	3.0	6.0	3.0	8.0	91.0	7.0	70.0	16.0	18.0
276.0	95.0	6.0	5.0	1.0	0.	164.0	13.0	1.0	14.0	68.0
251.0	65.0	5.0	5.0	4.0	5.0	73.0	4.0	15.0	14.0	68.0
28.0	109.0	6.0	5.0	2.0	0.	100.0	9.0	1.0	14.0	49.0
6.0	91.0	6.0	5.0	1.0	0.	82.0	6.0	1.0	14.0	65.0
8.0	106.0	6.0	5.0	1.0	0.	73.0	4.0	1.0	14.0	55.0
11.0	100.0	6.0	5.0	2.0	0.	100.0	4.0	4.0	18.0	83.0
12.0	95.0	6.0	5.0	1.0	0.	118.0	11.0	4.0	14.0	87.0
17.0	95.0	6.0	5.0	1.0	0.	82.0	6.0	1.0	14.0	87.0
21.0	105.0	6.0	5.0	1.0	0.	73.0	3.0	5.0	14.0	87.0
23.0	103.0	4.0	5.0	3.0	200.0	100.0	8.0	4.0	14.0	28.0
25.0	108.0	6.0	5.0	2.0	0.	109.0	10.0	5.0	14.0	68.0
30.0	91.0	6.0	5.0	2.0	0.	91.0	8.0	1.0	14.0	39.0
32.0	93.0	6.0	5.0	2.0	0.	127.0	9.0	1.0	14.0	68.0
35.0	85.0	6.0	5.0	3.0	0.	127.0	10.0	70.0	19.0	38.0
37.0	100.0	6.0	5.0	1.0	0.	100.0	7.0	0.	14.0	68.0
40.0	98.0	6.0	5.0	2.0	0.	127.0	10.0	12.0	24.0	56.0
42.0	92.0	6.0	5.0	3.0	0.	146.0	8.0	16.0	24.0	87.0
270.0	64.0	1.0	8.0	4.0	12.0	36.0	1.0	12.0	14.0	24.0
274.0	95.0	4.0	5.0	1.0	65.0	73.0	7.0	8.0	14.0	43.0
278.0	101.0	6.0	5.0	1.0	0.	118.0	11.0	37.0	19.0	47.0
287.0	92.0	5.0	5.0	2.0	79.0	46.0	3.0	6.0	14.0	68.0
27.0	113.0	6.0	5.0	1.0	0.	127.0	6.0	15.0	18.0	51.0
110.0	114.0	6.0	5.0	1.0	0.	164.0	14.0	0.	14.0	68.0
304.0	71.0	1.0	5.0	3.0	0.	82.0	7.0	36.0	14.0	52.0
304.0	71.0	1.0	5.0	3.0	0.	82.0	7.0	36.0	14.0	52.0
AVG	75.9	3.7	5.1	2.6	46.3	88.7	6.3	38.9	14.7	48.5
CVR	20.7	44.5	30.3	33.4	94.3	35.3	46.9	66.2	16.1	41.0
MAX	114.0	6.0	9.0	4.0	200.0	200.0	16.0	70.0	24.0	87.0
MIN	34.0	1.0	1.0	1.0	4.0	36.0	1.0	1.0	9.0	10.0
TOT	209.0	209.0	209.0	209.0	142.0	209.0	207.0	204.0	209.0	209.0

HUSCH, B.
WHITE PINE
1959 SOUTHEASTERN NEW HAMPSHIRE

DBH - DIAMETER BREAST HIGH (IN)
BTH - BARK THICKNESS
AGE - AGE
DIA - DIAMETER 17.3 FT HIGH (IN)
THT - TOTAL HEIGHT
MHT - 3 IN MERCH HEIGHT
BA - BASAL AREA
SP - SPECIES

	DBH	BTH	AGE	DIA	THT	MHT	BA	SP
02A	9.6	.9	41	0.	56	-0	0.	1
02B	6.9	0.	45	5.5	50	-0	0.	1
02C	10.1	.8	42	9.8	61	-0	0.	1
03B	15.0	1.4	-0	13.8	-83	62	.4	1
03A	14.2	1.0	65	12.5	85	50	.3	1
52B	9.0	0.	42	0.	47	27	.1	1
52C	8.6	0.	40	0.	54	28	.1	1
03C	19.2	1.5	-0	17.5	-91	47	.7	1
03D	12.7	.9	63	11.7	-87	59	.3	1
04A	8.7	1.0	-0	7.7	71	51	.1	2
04B	10.5	0.	-0	8.7	70	38	.1	1
04C	21.0	0.	63	18.1	91	55	.7	1
05A	14.1	1.3	57	12.2	73	53	.3	1
05B	19.1	1.3	67	17.5	79	45	.6	1
06A	14.1	1.2	57	13.4	69	48	.3	1
06B	15.0	1.4	60	12.5	69	50	.3	1
06C	13.4	1.4	57	12.0	69	51	.2	1
06D	13.4	1.1	56	12.5	74	45	.2	1
07A	12.4	1.2	58	11.1	68	40	.2	1
07B	13.5	1.4	54	12.1	63	37	.2	1
07C	12.8	1.3	52	11.5	70	48	.2	1
08A	13.2	1.2	57	10.8	65	47	.2	1
08B	13.4	1.1	60	11.8	67	42	.2	1
08C	18.2	1.9	65	15.0	74	44	.5	1
09A	8.8	0.	-0	7.6	51	34	.1	1
09B	9.7	0.	-0	8.0	49	30	.1	1
09C	5.6	0.	-0	4.5	48	31	.0	1
09D	12.1	.5	-0	10.4	48	27	.2	1
10A	24.8	2.3	63	19.1	69	26	.9	1
10B	12.3	1.4	63	10.8	62	44	.2	1
10C	11.3	1.4	61	9.3	58	37	.2	3
11A	8.1	.5	30	6.5	47	34	.1	1
11B	5.6	.3	28	5.0	44	30	.0	1
11C	5.6	.3	23	4.1	39	29	.0	1
14A	10.8	.5	26	8.9	46	37	.1	1
14B	10.1	.7	28	8.9	48	32	.1	1
14C	16.0	1.9	-0	13.1	61	30	.3	4
15A	13.2	1.1	55	11.6	65	47	.2	1
15B	11.1	.9	52	9.6	64	39	.2	1
15C	7.3	.8	54	6.1	59	46	.1	1
18A	7.8	.7	40	6.7	45	33	0.	1
18B	9.0	.9	43	7.1	41	25	0.	2
18C	7.2	.5	41	5.2	40	29	0.	2
19A	6.1	.7	-0	5.3	45	32	.0	1
19B	9.1	.7	27	7.8	-0	-0	.1	5
19C	7.8	.7	26	6.8	44	31	.5	6
20A	6.0	.6	22	4.5	38	20	.0	1
20B	4.6	.5	21	3.6	38	16	0.	1
20C	6.0	.5	21	4.5	39	22	.0	1
21A	9.4	1.0	-0	8.2	59	28	0.	7
21B	10.4	1.0	-0	9.0	62	37	0.	7
21C	8.1	.8	-0	6.4	56	36	0.	7
22A	4.2	.7	36	3.9	41	27	0.	1
22B	8.9	.8	42	7.6	55	34	.1	1
22C	6.1	.8	42	5.2	49	37	.0	1
22D	8.5	.8	40	7.7	51	24	.1	1
23A	9.5	1.0	27	7.4	49	24	.1	1
23B	6.7	.6	25	5.3	38	28	.0	1
23C	3.0	.6	28	1.9	37	-0	0.	1
24A	8.1	1.1	30	6.7	53	39	.1	1
24B	12.4	1.2	23	10.3	44	33	.2	1
24C	9.9	1.0	33	8.3	48	28	.1	1
25A	5.9	.5	32	5.2	36	25	.0	2
25B	12.7	.9	39	10.7	57	36	.2	1
26A	10.6	.9	40	9.0	56	27	.2	1
26B	10.0	1.0	43	6.3	50	21	.1	1
26C	10.7	.9	45	10.4	52	31	.2	1
27A	7.4	.5	41	6.2	54	31	.0	1
27B	6.6	.6	40	4.3	39	19	.0	1
27C	8.8	.7	42	6.9	49	43	.1	1
28A	15.4	1.1	52	13.5	66	42	.3	1
28B	21.0	1.6	58	16.4	69	48	.6	1
28C	14.1	1.2	51	12.3	64	42	.3	1
29A	16.4	1.7	51	12.6	59	43	.3	1
29B	13.6	.9	47	11.3	60	34	.2	1
29C	6.2	.8	38	4.8	51	24	.0	1
30A	4.4	.3	31	3.2	42	28	0.	1
30B	6.0	.5	30	.4	38	29	.0	1
30C	10.2	.5	29	8.5	44	36	.1	1

31A	9.3	.8	32	7.9	44	29	.1	1
31B	8.9	.9	29	7.4	46	31	.1	1
31C	7.9	.6	34	6.4	35	27	.1	1
33A	4.3	.3	20	1.3	27	-0	0.	1
33B	6.8	.4	18	4.2	35	24	.0	1
33C	7.1	.6	21	4.8	35	26	.0	1
34A	23.5	1.3	60	18.0	84	75	.8	1
34B	9.7	1.0	59	9.0	63	49	.1	1
34C	17.5	2.3	65	15.5	83	72	.5	1
35A	12.1	1.3	58	10.2	51	36	.2	1
35B	5.8	.6	50	5.0	44	32	.0	1
35C	7.4	.8	58	6.2	50	37	.0	1
36A	10.0	1.0	24	8.2	47	28	.1	1
36B	10.3	1.1	31	8.6	50	32	.1	1
36C	7.1	.7	29	5.5	39	24	.0	1
37A	5.8	.7	23	4.7	36	26	.0	1
37B	8.0	.6	25	5.9	36	17	.1	1
37C	7.1	.7	25	4.8	32	22	.0	1
38A	7.9	.8	33	6.5	49	30	.1	1
38B	5.3	.4	31	4.4	43	24	0.	1
38C	13.2	1.2	39	11.3	53	27	.2	1
39A	12.0	1.4	65	11.0	72	40	.2	1
39B	16.7	1.8	65	15.3	85	60	.5	1
39C	13.0	1.0	67	13.0	79	40	.3	1
40A	11.8	1.4	70	10.5	80	54	.2	1
40B	9.0	.9	71	8.2	76	44	.1	1
40C	11.6	2.0	70	10.9	82	50	.2	1
40D	15.1	2.0	68	13.7	84	61	.4	1
41A	9.0	.5	30	7.0	44	25	.1	1
41B	4.8	.2	26	3.7	31	21	0.	1
41C	12.0	1.0	31	10.0	50	31	.2	1
42A	9.3	.5	18	5.9	40	21	.1	1
42B	4.4	.2	22	3.3	33	12	0.	1
42C	8.7	.4	18	6.0	37	13	.1	1
43A	14.5	1.1	60	14.5	70	50	.3	1
43B	17.5	1.8	60	15.5	73	45	.4	1
43C	14.8	1.8	52	13.7	73	55	0.	1
44A	12.5	1.2	34	10.5	54	30	.2	1
44B	7.1	.8	33	6.2	54	39	.0	1
44C	16.1	1.8	35	12.4	59	42	.3	1
45A	9.5	.5	33	7.9	51	26	.1	1
45B	11.9	.8	33	10.3	55	35	.2	1
45C	9.0	.6	31	9.0	51	31	.1	1
46A	15.0	1.3	60	14.6	69	47	.3	1
46B	18.5	1.6	65	15.4	75	55	.5	1
46C	13.9	1.7	50	12.5	45	50	.2	1
47A	7.7	.5	30	7.3	51	33	.1	1
47B	9.5	.6	30	7.8	49	36	.1	1
47C	7.6	.5	33	6.0	50	30	.1	1
48A	11.0	1.2	51	8.5	48	30	.1	1
48B	8.0	.6	39	6.8	40	27	.1	1
48C	10.9	.9	43	8.3	54	37	.1	1
49A	9.5	.5	44	8.2	58	33	.1	1
49B	11.3	.9	46	10.7	60	40	.2	1
49C	10.7	.8	50	9.4	62	41	.2	1
50A	12.6	1.0	45	10.9	56	23	.2	1
50B	11.9	1.2	43	11.1	50	33	.2	1
50C	10.4	1.5	43	9.3	52	30	.1	1
51A	15.6	1.6	62	13.6	82	65	.4	1
51B	11.6	.9	63	11.1	77	57	.2	1
51C	14.6	1.4	54	12.6	70	54	.4	1
52A	8.0	0.	42	0.	45	26	.1	1
AVG	10.7	1.0	43	9.1	52	36	.2	1
CVR	38.0	45.9	34	41.8	48	33	91.7	84
MAX	24.8	2.3	71	19.1	91	75	.9	7
MIN	3.0	.2	18	.4	-91	12	.0	1
TOT	141.0	132.0	128	137.0	140	135	123.0	141

IKE. A.F.
CHESTNUT OAK
GEORGIA

SI=SITE INDEX
SS=SOIL SERIES
EL=ELEVATION
SLS=SLOPE STEEPNESS
SA2=PERCENT SAND A2
SIA=PERCENT SILT A2
SIB=PERCENT SILT B2
CLB=PERCENT CLAY B2
TFH=THICKNESS F AND H
TA1=THICKNESS A1
TTA=TOTAL THICKNESS A
PHA=PH A2
OMA=ORGANIC MATTER CONTENT A1
OTA=ORGANIC MATTER X TA1
JRA=JUNE RADIATION (ACTUAL)
JRP=JUNE RADIATION (PROJECTED)
SP=SLOPE POSITION
CCA=CALCIUM CONTENT A2
MGA=MAGNESIUM CONTENT A2
TH=TOTAL HEIGHT
TA=TOTAL AGE
APA=AVAILABLE PHOSPHORUS A2

	SI	SS	EL	SLS	SA2	SIA	SIB	CLB	TFH	TA1	TTA	PHA	OMA	OTA	JRA	JRP	SP	CCA	MGA	TH	TA	APA
02 030	72	5	295	32	51	32	24	24	6	6	76	54	131	79	95	103	86	45	47	77	59	9
02 047	82	14	227	46	52	28	22	26	2	10	84	52	92	92	94	101	88	10	35	96	77	7
02 078	75	14	260	12	58	30	20	31	3	17	78	50	99	168	93	101	95	10	20	59	33	8
02 054	68	8	275	27	49	32	30	31	5	14	69	49	88	123	96	99	41	5	17	74	61	4
02 086	39	8	290	14	70	14	10	50	4	1	65	42	89	9	96	99	1	5	9	46	73	3
02 092	46	6	277	10	71	17	16	37	7	1	68	48	87	9	94	97	10	13	8	50	58	2
02 110	69	9	200	8	64	18	22	42	4	8	41	43	93	74	96	99	90	23	17	64	43	5
02 111	72	14	245	12	59	26	22	35	4	6	45	40	127	76	96	99	90	30	44	68	44	3
02 117	54	10	305	63	58	24	23	28	6	9	76	45	65	58	91	107	25	15	32	47	39	7
02 136	46	10	330	21	48	30	26	34	13	9	39	47	64	57	96	99	4	5	10	33	29	4
02 137	65	7	220	28	56	26	24	30	10	1	34	49	94	9	95	102	85	5	10	66	52	5
02 138	60	8	284	25	60	22	18	35	12	1	42	49	45	4	96	99	60	23	17	57	46	5
02 150	72	13	232	33	68	21	20	21	6	8	48	50	30	24	90	98	69	198	39	76	57	7
02 158	50	5	250	24	61	22	12	47	7	2	39	51	47	9	96	98	2	53	30	59	75	2
02 161	63	5	260	55	67	18	15	30	11	19	107	50	38	72	92	109	33	5	9	64	53	3
02 170	64	5	191	39	66	22	22	32	8	5	132	50	50	25	90	98	92	50	27	70	64	3
02 171	71	4	193	62	62	24	20	39	5	5	129	49	73	37	91	107	89	10	24	77	61	3
02 173	79	4	192	60	60	24	18	26	4	4	80	48	89	36	91	107	90	10	21	85	61	4
02 183	74	10	288	66	60	27	17	42	4	1	48	55	98	10	91	107	29	580	110	84	71	4
02 185	78	10	258	61	48	34	33	38	4	1	148	59	159	16	89	105	56	950	162	88	67	1
02 190	83	13	220	46	58	30	22	31	5	19	96	50	58	110	94	101	77	5	7	78	44	4
02 199	75	2	228	30	58	25	18	28	6	4	88	49	103	41	94	101	81	11	24	78	57	4
02 200	52	7	264	32	69	20	15	19	11	2	74	47	100	20	94	101	10	10	8	54	54	4
02 201	71	8	271	47	62	22	15	25	10	1	112	50	94	9	94	102	34	23	16	88	96	5
02 202	50	5	271	24	61	23	16	28	8	1	31	48	101	10	96	99	10	11	12	62	97	5
AVG	65	8	253	35	60	24	20	32	7	6	74	49	85	47	94	102	53	84	30	68	59	4
CVR	19	43	15	52	11	21	26	24	46	93	44	8	36	92	2	3	65	256	115	23	29	44
MAX	83	14	330	66	71	34	33	50	13	19	148	59	159	168	96	109	95	950	162	96	97	9
MIN	39	2	191	8	48	14	10	19	2	1	31	40	30	4	89	97	1	5	7	33	29	1
TOT	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

IKE.A.F.
BLACK OAK
GEORGIA

SI-SITE INDEX
SS-SOIL SERIES
EL-ELEVATION
SP-SLOPE POSITION
ST-SLOPE STEEPNESS
EMA-EXCHANGABLE MAGNESIUM A2 (PPM)
MB2-MOISTURE B2 (ONE-THIRD ATMOS.)
OTA-ORGANIC MATTER X TA1
OMA-ORGANIC MATTER A1
TA1-THICKNESS A1
CA2-PERCENT CLAY A2
CB2-PERCENT CLAY B2
ECA-EXCHANGABLE CALCIUM A2 (PPM)
EPA-EXCHANGABLE POTASSIUM A2 (PPM)
BAE-BASAL AREA ESTIMATE
PLU-PAST LAND USE
TH-TOTAL HEIGHT
TA-TOTAL AGE

	SI	SS	EL	SP	ST	EMA	MB2	OTA	OMA	TA1	CA2	CB2	ECA	EPA	BAE	PLU	TH	TA
04 004	74	7	238	10	35	33	26.6	4.0	6.5	6.2	28	36	25	105	100	5	77	57
04 006	81	2	275	80	34	28	19.8	6.9	8.5	8.1	20	26	55	60	120	5	83	53
04 007	65	10	285	10	14	15	21.0	7.7	12.2	6.3	19	33	15	40	150	5	59	59
04 008	97	14	268	99	18	30	30.8	13.9	8.2	16.9	24	28	45	105	120	2	110	70
04 011	58	8	233	19	18	28	29.9	9.1	10.3	8.8	10	34	35	88	90	5	68	76
04 012	79	10	244	81	35	41	27.8	6.9	6.2	11.2	22	28	45	72	160	4	79	50
04 015	82	10	217	75	37	30	20.6	9.3	7.1	13.1	17	26	35	80	90	5	83	51
04 017	78	8	260	74	26	19	20.2	7.1	6.7	10.6	18	28	15	60	150	4	78	51
04 022	72	10	215	95	34	42	24.0	8.7	9.8	8.9	22	22	35	120	80	5	78	62
04 023	83	14	250	75	20	36	27.1	22.7	15.1	15.0	19	22	35	135	90	4	84	53
04 025	75	5	245	76	28	25	20.9	7.7	12.4	6.2	21	34	15	72	130	4	80	59
04 029	75	10	320	67	28	106	24.8	14.1	14.1	10.0	14	30	200	158	120	3	95	107
04 030	78	5	295	86	32	47	24.9	8.1	13.1	6.2	17	24	45	145	120	5	84	59
04 035	81	11	237	81	41	42	20.1	10.6	12.1	8.8	14	30	35	82	90	5	89	66
04 038	69	8	205	88	30	41	27.2	5.3	10.5	5.0	18	32	65	88	80	4	41	23
04 041	95	14	242	65	26	235	26.5	22.1	12.6	17.5	21	30	310	155	150	2	111	76
04 046	81	10	227	82	54	109	34.2	15.0	8.6	17.5	24	30	223	178	100	2	95	77
04 047	83	14	227	88	46	35	23.7	9.2	9.2	10.0	20	26	10	92	150	2	97	78
04 048	58	2	300	53	32	19	20.7	8.5	8.5	10.0	13	26	5	90	110	4	57	49
04 053	74	10	235	88	35	40	23.1	6.8	13.7	5.0	18	22	11	150	120	1	92	101
04 055	84	7	267	88	36	44	22.2	16.5	16.5	10.0	18	24	30	165	120	2	88	57
04 057	59	10	297	6	11	25	22.1	10.2	10.2	10.0	16	26	5	95	110	4	50	37
04 058	73	7	265	88	48	50	25.6	10.4	11.0	9.4	16	28	5	110	80	2	82	47
04 059	88	14	250	98	18	50	27.3	17.1	10.6	16.2	14	24	85	95	150	4	89	51
04 060	75	10	255	85	44	79	27.3	6.3	7.2	8.8	18	28	90	170	140	4	77	53
04 066	74	2	220	85	39	119	27.9	10.7	12.1	8.8	19	34	433	155	110	5	74	50
04 070	79	10	290	69	27	97	26.5	15.2	15.2	10.0	18	32	168	158	150	2	79	50
04 078	74	14	290	95	12	20	23.9	16.8	9.9	16.9	12	31	10	85	120	2	59	34
04 100	64	14	295	95	7	16	35.5	17.4	15.6	11.2	12	28	10	97	70	2	51	34
04 103	76	12	210	57	68	36	28.6	.9	9.4	1.0	16	30	27	123	170	4	71	43
04 105	68	14	290	88	13	17	25.6	7.4	11.9	6.2	16	30	10	96	140	4	72	57
04 111	84	14	245	90	12	44	22.8	7.9	12.7	6.2	17	35	30	82	130	2	79	45
04 119	67	10	230	65	47	27	25.4	6.7	10.8	6.2	16	32	15	120	120	2	64	45
04 134	58	10	310	27	13	18	19.8	2.8	4.5	6.3	14	20	35	106	90	1	50	38
04 143	62	10	320	6	13	10	25.5	8.8	11.8	7.5	14	16	5	100	100	3	51	36
04 147	76	14	224	91	30	27	27.0	5.1	4.5	11.3	18	26	88	62	130	2	85	67
04 150	76	13	232	69	33	39	22.4	2.4	3.0	8.1	11	21	198	104	150	4	82	59
04 152	73	14	220	15	14	20	33.8	3.7	8.7	4.3	25	42	5	110	140	4	55	31
04 153	90	14	220	89	30	130	28.5	2.2	9.8	2.2	25	38	413	109	160	4	86	59
04 159	64	5	235	30	19	20	22.8	3.2	8.3	3.8	15	41	10	47	130	5	70	62
04 169	83	10	324	92	24	21	22.6	4.8	6.9	6.9	14	34	23	112	120	4	84	52
04 177	80	10	240	85	34	111	21.3	20.7	13.8	15.0	16	27	45	136	115	3	61	31
04 178	76	5	270	71	13	45	28.1	30.7	19.0	16.2	16	38	60	102	150	1	86	68
AVG	75	10	256	69	29	48	25.3	10.0	10.4	9.4	18	29	71	107	121	3	77	56
CVR	12	36	13	41	46	88	15.5	62.9	32.6	44.7	21	19	145	32	21	39	21	31
MAX	97	14	324	99	68	235	35.5	30.7	19.0	17.5	28	42	433	178	170	5	111	107
MIN	58	2	205	6	7	10	19.8	.9	3.0	1.0	11	16	5	40	70	1	41	23
TOT	43	43	43	43	43	43	43.0	43.0	43.0	43.0	43	43	43	43	43	43	43	43

IKE. A.F.
NORTHERN RED OAK
GEORGIA

TA=TOTAL AGE
SP=SLOPE POSITION(PERCENT)
SST= SLOPE STEEPNESS(PERCENT)
.1E= .1ELEVATION
EMA= EXCHANAGE MAGNESIUM A2 PPM
AS= ASPECT
TTA= TOTAL THICKNESS A(INCHES)
OM2= ORGANIC MATTER A2 (PERCENT)
OM1= ORGANIC MATTER A1 (PERCENT)
MA2= MOISTURE A2. 15ATMOS.(PERCENT)
JRA= JUNE RADIATION (ACTUAL AREA BASIS)
ECA= EX. CALCIUM A2 (PPM)
TH= TOTAL HEIGHT (FEET)

	TA	SP	SST	.1E	EMA	AS	TTA	OM2	OM1	MA2	JRA	ECA	TH
	43	41	34	340	97	48	11.3	4.9	9.2	13.9	94	115	57
	78	82	54	227	109	91	7.0	3.9	8.6	13.1	89	223	109
	57	88	36	267	44	120	7.2	4.2	16.5	13.4	92	30	85
	60	88	48	255	50	47	6.7	4.6	11.0	15.5	89	5	80
	86	85	38	410	17	102	13.6	6.1	15.1	21.2	94	5	51
	45	60	12	260	83	32	4.9	2.0	8.3	13.1	96	153	72
	39	25	63	305	32	80	7.6	3.6	6.5	14.0	91	15	47
	45	65	47	230	27	80	5.4	4.3	10.8	16.3	94	15	64
	53	53	24	340	32	62	5.4	7.8	6.3	19.6	96	30	56
	52	8	19	321	21	83	5.9	5.2	4.7	14.8	96	13	44
	55	89	62	193	24	104	12.9	2.7	7.3	10.2	91	10	80
	59	90	60	192	21	78	8.0	2.5	8.9	9.8	91	10	92
	76	23	66	288	110	70	4.8	4.9	9.8	16.9	91	580	82
	61	56	61	258	162	50	4.0	6.0	15.9	25.8	89	950	85
	54	25	54	269	20	15	6.2	5.0	9.9	14.6	88	10	75
	57	71	49	252	84	28	11.2	5.0	4.0	15.7	94	133	85
	58	92	58	270	96	18	7.1	5.4	10.8	14.3	88	233	88
	58	72	55	253	35	25	7.5	5.9	7.9	17.1	88	49	79
AVG	58	62	47	274	59	60	7.6	4.7	9.5	15.5	92	143	74
CVR	21	44	34	20	72	52	37.1	30.3	36.9	24.4	3	172	24
MAX	86	92	66	410	162	120	13.6	7.8	16.5	25.8	96	950	109
MIN	39	8	12	192	17	15	4.0	2.0	4.0	9.8	88	5	44
TOT	18	18	18	18	18	18	18.0	18.0	18.0	18.0	18	18	18

IKE. A.F.
PITCH PINE
GEORGIA

SI=SITE INDEX

EL=ELEVATION

ST=SLOPE STEEPNESS (PERCENT)

CA2=PERCENT CLAY A2

DR2=DEPTH TO B2

OMA=ORGANIC MATTER A1

WPA=WILTING PERCENT A2. 15 ATMOS.

TA2=THICKNESS A2

PA2= PHOSPHORUS A2 (PPM)

A=AGE

SS=SOIL SERIES

SP=SLOPE POSITION

SA2=PERCENT SAND A2

TA1=THICKNESS A1

TTA=TOTAL THICKNESS A

IWV=IMBIBITIONAL WATER VALUE B2

PHB=PH B2

CB2=PERCENT CLAY B2

HT=HEIGHT (FEET)

	SI	SS	EL	SP	ST	SA2	CA2	TA1	DR2	TTA	OMA	IWV	WPA	PHB	TA2	CBE	PA2	HT	A
07 009	77	14	232	87	12	50	24	15	78	78	112	55	112	54	38	24	5	74	46
07 011	56	8	233	19	18	52	19	9	118	118	103	55	91	53	36	34	5	67	74
07 044	58	8	210	91	32	64	14	8	60	60	59	44	81	50	21	36	7	62	57
07 075	70	5	230	91	32	56	16	5	97	26	118	50	133	53	21	30	5	80	67
07 084	51	7	290	10	13	66	16	1	88	60	87	46	74	53	60	38	4	65	86
07 090	63	15	210	10	23	61	22	1	75	50	93	59	130	55	50	37	4	77	78
07 102	76	18	235	98	5	53	16	1	71	71	110	51	180	55	71	14	4	69	42
07 104	66	8	260	33	14	61	18	1	149	46	94	33	91	52	46	34	4	67	52
07 106	68	2	262	16	9	53	18	1	151	50	93	30	115	56	50	46	3	65	46
07 107	58	2	263	8	4	54	20	1	80	45	83	46	107	54	45	42	3	58	49
07 108	63	7	247	60	15	56	20	1	74	58	89	48	152	55	59	43	5	63	50
07 113	68	8	230	70	24	66	14	5	58	32	102	65	71	56	29	48	7	76	63
07 114	50	14	310	30	15	58	16	4	55	40	167	45	133	53	36	31	5	52	53
07 116	47	8	315	1	21	56	20	5	58	35	120	55	126	52	35	35	3	57	77
07 151	46	10	262	1	22	65	11	1	40	26	98	79	114	49	25	16	5	39	38
07 164	59	15	260	14	15	61	22	14	96	76	103	78	98	50	55	26	2	73	79
07 165	59	5	220	4	26	62	18	2	49	49	96	75	120	54	25	41	3	57	48
07 166	55	5	230	1	12	65	12	1	66	34	92	58	100	49	31	35	5	53	48
07 168	53	5	235	1	11	58	22	1	31	31	91	55	124	55	54	49	1	50	47
07 172	57	11	206	10	11	62	17	15	127	81	24	46	73	55	66	34	2	46	36
07 174	62	5	170	15	22	65	14	1	114	60	96	55	117	55	59	48	3	56	42
07 176	47	5	274	49	35	60	24	4	35	35	80	54	144	51	31	38	2	54	66
07 181	54	5	196	40	26	72	14	1	50	50	190	58	79	52	50	28	3	67	79
AVG	59	8	242	33	18	60	18	4	79	53	100	57	112	53	43	35	4	62	58
CVR	15	53	15	101	47	9	21	111	43	41	31	22	25	4	34	27	39	17	26
MAX	77	18	315	98	35	72	24	15	151	118	190	79	180	56	71	49	7	80	86
MIN	46	2	170	1	4	50	11	1	31	26	26	30	71	49	21	14	1	39	36
TOT	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23

IKE. A.F.
SCARLET OAK
GEORGIA

SI=SITE INDEX

SS=SOIL SERIES

EL=ELEVATION

SP=SLOPE POSITION

SA2=PER CENT SAND A2

CA2=PER CENT CLAY A2

CB2=PER CENT CLAY B2

TA1=THICKNESS A1

TT=TOTAL THICKNESS A

PH=PH A2

CCA=CALCIUM CONTENT A2

BA=BASAL AREA (PRISM ESTIMATE)

MCA=MAGNESIUM CONTENT A2

WPB=WILTING PER CENT B2.15ATMOS.

AWA=AVAILABLE WATER A2

TF=THICKNESS F

AS=ASPECT

TH=TOTAL HEIGHT

TA=TOTAL AGE

	SI	SS	EL	SP	SA2	CA2	CB2	TA1	TT	PH	CCA	BA	MCA	WPB	AWA	TF	AS	TH	TA
03 004	80	7	238	50	40	28	36	6	62	49	25	100	33	149	181	16	10	82	53
03 007	72	10	285	10	52	19	33	6	85	48	15	150	15	121	141	25	69	77	60
03 015	80	10	217	35	48	17	26	13	80	50	35	90	30	87	158	12	33	78	48
03 017	96	8	260	74	50	18	28	11	123	48	15	150	19	95	144	12	60	97	51
03 020	85	14	210	97	52	17	24	9	63	49	75	110	41	87	151	8	90	95	42
03 022	78	10	215	95	48	22	22	9	74	49	35	80	42	86	166	19	73	86	62
03 023	89	14	250	75	48	19	22	15	106	51	35	90	36	107	190	25	80	78	50
03 025	80	5	245	37	48	21	34	6	94	48	15	130	25	126	130	22	43	83	55
03 026	55	12	255	22	57	16	32	4	57	46	15	90	25	145	160	22	126	44	33
03 035	83	11	237	81	60	14	30	9	44	49	35	90	42	124	100	24	153	92	64
03 038	80	8	205	88	52	18	32	5	36	50	65	80	41	118	136	32	116	49	23
03 043	63	8	212	77	57	16	40	5	31	48	5	150	10	150	150	22	104	67	58
03 048	62	2	300	53	58	13	26	10	76	50	5	110	19	122	147	12	160	63	52
03 049	57	10	300	31	59	12	18	11	49	50	5	110	25	94	124	19	168	42	30
03 054	74	8	275	41	49	19	31	14	69	49	5	130	17	129	142	16	35	79	59
03 055	82	7	267	88	52	18	24	10	72	50	30	120	44	115	164	19	120	80	51
03 057	58	10	297	6	52	16	25	10	50	50	5	110	25	104	222	28	150	54	43
03 063	84	10	260	61	54	16	30	10	79	52	10	150	40	128	155	22	112	101	85
03 064	61	2	262	60	58	15	37	5	48	49	10	130	30	156	152	22	146	48	56
03 066	79	2	220	85	48	19	34	9	41	56	433	110	19	146	159	28	106	82	54
03 075	73	5	230	91	56	16	30	5	26	49	10	160	24	102	175	32	115	84	71
03 078	77	14	290	95	58	12	31	17	78	50	10	120	20	133	147	12	157	61	33
03 086	46	8	290	1	70	16	50	1	65	47	5	170	9	183	106	12	84	53	69
03 087	59	8	220	2	66	20	36	1	40	49	5	90	9	142	147	12	118	66	70
03 091	71	2	225	90	75	11	26	1	62	44	10	120	5	88	84	12	120	71	50
03 093	54	19	270	60	80	7	18	1	71	46	13	120	5	47	69	12	150	59	62
03 097	73	6	186	71	79	6	28	1	68	48	13	120	8	198	83	12	165	74	54
03 098	74	5	278	50	56	18	39	1	42	47	23	100	17	149	139	12	40	77	55
03 100	72	14	295	95	54	12	28	11	129	48	10	70	16	151	224	16	180	58	34
03 104	66	8	260	33	61	18	34	1	46	48	13	100	12	125	124	12	90	70	59
03 110	92	9	200	90	64	12	42	8	41	44	23	140	17	248	159	17	70	78	39
03 111	85	14	245	90	59	16	35	6	45	46	30	130	44	132	127	16	90	82	46
03 114	60	14	310	30	58	16	31	4	40	46	10	140	13	170	182	25	96	62	53
03 116	54	14	315	1	56	20	35	5	58	44	10	90	17	138	150	38	110	55	52
03 117	62	10	305	25	58	18	28	9	76	48	15	100	32	117	161	22	80	49	34
03 120	79	7	320	15	59	19	38	6	34	44	10	180	17	156	144	28	20	79	51
03 125	55	10	254	20	62	15	28	5	30	44	5	110	17	106	131	19	87	55	50
03 127	47	14	324	5	46	19	36	6	62	45	13	80	18	163	150	12	144	46	47
03 133	79	8	220	87	61	14	38	5	36	48	15	120	18	146	98	22	99	79	50
03 136	50	10	330	4	48	22	34	9	39	47	5	110	10	131	148	62	43	36	29
03 137	74	7	220	65	56	18	30	1	34	48	5	80	10	131	156	34	80	74	50
03 139	35	4	336	14	54	16	23	2	18	44	13	60	17	113	146	30	164	34	45
03 151	49	10	262	1	65	11	16	1	26	47	5	100	16	336	138	106	153	39	38
03 165	65	14	220	4	62	18	41	2	49	48	5	100	8	178	175	58	84	61	44
03 166	55	14	230	1	65	12	35	5	34	48	5	110	12	140	162	67	135	55	51
AVG	69	9	259	49	57	16	31	6	58	48	26	113	22	136	147	25	103	67	50
CVR	20	42	15	70	15	24	22	65	43	5	249	24	53	34	21	73	42	25	24
MAX	96	19	336	97	80	28	50	17	129	56	433	180	44	336	224	106	180	101	85
MIN	35	2	186	1	40	6	16	1	18	44	5	60	5	47	69	8	10	34	23
TOT	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45

IKE. A. F.
SHORTLEAF PINE
GEORGIA

A=AGE

CA2=PERCENT CLAY A2

SP=SLOPE POSITION (PERCENT)

SST=SLOPE STEEPNESS (PERCENT)

TTA=TOTAL THICKNESS A (INCHES)

MER=MOISTURE EQUIVALENT B2 (PERCENT)

ECA=EXCHANGEABLE CALCIUM A2 (PPM)

EMA=EXCHANGEABLE MAGNESIUM A2 (PPM)

AS=ASPECT

PLU=PAST LAND USE

SS=SOIL SERIES

CB2=PERCENT CLAY B2

XEB=XYLENE EQUIVALENT B2 (PERCENT)

PHA=PH A2

MB2=MOISTURE B2 (15 ATMOS.)

BAE=BASAL AREA ESTIMATE

.1E=.1 ELEVATION (FEET)

TH=TOTAL HEIGHT

	A	PLU	CA2	SS	SP	CB2	SST	XEB	TTA	PHA	MER	MB2	ECA	BAE	EMA	.1E	AS	TH
	51	5	25	13	59	32	34	19.7	7.0	4.9	24.5	11.9	35	160	30	235	54	67
	52	4	21	14	95	28	16	17.7	6.1	4.8	24.0	13.1	135	170	65	232	114	83
	46	4	21	14	75	27	17	18.9	6.7	5.1	23.7	11.4	65	80	33	267	59	75
	42	4	18	14	80	28	6	18.3	12.9	4.9	23.7	10.4	105	160	28	212	65	86
	47	4	19	14	75	22	20	16.3	10.6	5.1	25.1	10.7	35	90	36	250	80	79
	48	4	25	14	48	31	14	24.8	13.0	5.3	32.0	14.4	345	60	85	247	88	77
	40	3	16	12	22	21	34	16.2	5.2	4.6	23.5	14.5	15	90	25	255	126	41
	53	4	14	13	87	33	11	14.5	10.1	4.4	21.8	13.1	15	140	16	282	145	68
	71	2	22	10	90	31	35	13.0	8.3	4.9	21.5	9.7	10	80	28	225	19	82
	29	4	24	2	80	33	15	14.8	6.6	5.3	21.1	10.9	125	210	40	245	108	58
	35	4	13	5	88	26	26	10.9	4.5	5.1	16.1	10.9	140	200	29	225	148	72
	67	4	16	5	91	30	32	15.9	2.6	4.9	23.2	10.2	10	160	24	230	115	71
	58	4	13	8	25	42	11	15.2	9.9	4.8	23.3	16.3	30	120	9	200	166	75
	39	4	12	16	85	34	8	11.1	8.8	4.7	17.7	12.9	23	100	8	198	172	70
	40	4	9	16	90	22	13	8.2	7.2	4.8	13.6	6.4	30	130	12	195	176	60
	36	4	11	3	60	34	18	11.7	5.8	4.6	19.2	11.9	5	150	5	240	168	50
	79	4	17	8	15	41	10	15.1	2.1	4.9	13.5	9.2	33	130	35	270	146	65
	87	4	16	7	10	39	13	14.7	6.0	4.5	23.5	13.5	5	130	8	290	145	60
	35	4	16	14	85	26	20	8.0	2.5	4.9	13.5	9.2	168	140	64	280	55	72
	72	4	16	8	1	50	15	16.9	6.5	4.7	24.9	18.3	5	170	9	290	84	56
	70	4	20	8	2	35	12	14.6	4.0	4.9	23.4	14.2	5	90	9	220	118	66
	81	4	17	2	50	40	13	14.4	6.1	4.7	20.9	13.4	10	140	8	230	148	44
	85	4	22	15	10	37	23	16.3	5.0	4.6	24.5	16.6	10	130	12	210	172	74
	53	4	11	2	90	25	8	7.3	6.2	4.4	12.0	8.8	10	120	5	225	120	73
	64	4	12	6	10	37	10	14.2	6.8	4.4	22.1	23.7	13	130	8	277	165	58
	62	4	7	17	60	18	9	4.3	9.9	4.6	8.4	4.7	13	120	5	270	150	66
	33	4	7	6	97	42	12	14.4	5.4	4.7	21.5	24.6	23	140	8	265	125	52
	41	4	7	6	53	24	4	6.7	9.5	4.6	11.0	7.1	13	150	5	277	155	56
	52	4	7	6	71	28	22	12.3	6.8	4.8	18.1	19.9	13	120	8	186	165	68
	40	4	16	9	50	42	10	15.4	6.8	4.7	21.2	15.3	23	140	5	282	60	70
	56	3	17	16	98	29	68	14.1	13.7	4.6	22.0	12.2	45	150	41	240	100	85
	35	4	16	9	51	48	22	17.7	4.8	4.7	27.3	19.4	105	230	24	140	40	65
	68	4	15	14	57	35	28	15.9	3.4	4.3	23.1	16.8	5	170	9	170	104	72
	82	4	22	19	50	47	29	18.9	4.4	4.6	26.5	21.3	35	140	18	168	81	95
	49	4	15	5	71	52	18	19.4	4.3	4.3	26.6	21.7	13	135	5	190	152	70
	54	4	14	5	3	41	9	16.0	7.6	4.9	24.5	17.2	35	180	18	204	104	73
	51	4	14	5	36	30	12	13.5	7.0	4.8	20.8	12.3	245	160	42	265	115	74
	63	5	15	5	30	41	19	15.7	10.0	5.0	21.8	16.2	10	130	20	235	140	69
	51	3	14	5	33	29	55	13.6	10.7	5.1	19.4	12.7	5	160	21	260	88	66
	56	4	22	2	60	36	35	12.2	7.9	4.9	19.0	13.9	735	160	58	240	70	73
	51	4	14	2	61	44	39	18.2	8.1	4.8	25.4	18.4	5	110	8	180	108	77
	62	5	13	5	92	32	39	13.1	13.4	5.0	19.8	13.1	50	140	27	191	155	74
	40	4	14	20	15	48	22	17.7	6.0	4.8	25.7	18.8	5	190	11	165	150	57
	53	4	15	14	88	24	7	13.4	6.2	5.0	19.5	10.2	30	140	21	176	27	88
	52	4	19	18	96	25	6	12.0	8.6	4.9	19.5	10.5	13	160	8	160	123	89
	47	4	17	2	89	32	14	12.6	5.6	5.0	19.9	12.9	93	180	24	172	100	87
	36	4	20	18	74	18	50	10.8	12.9	5.0	18.3	7.6	5	140	7	280	10	71
	32	4	18	5	85	30	25	14.7	6.0	5.0	23.3	13.3	40	170	19	180	50	58
	40	4	17	20	55	18	39	13.4	13.2	5.0	20.2	7.4	90	190	29	178	24	75
	49	4	30	7	13	38	36	18.9	5.2	5.2	30.0	17.9	115	160	49	212	2	71
AVG	53	4	16	10	58	33	21	14.5	7.4	4.8	21.3	13.6	63	143	22	225	107	70
CVR	28	11	31	56	52	25	64	25.6	40.5	5.0	21.9	32.7	186	24	81	18	45	15
MAX	87	5	30	20	98	52	68	24.8	13.7	5.3	32.0	24.6	735	230	85	290	176	95
MIN	29	2	7	2	1	18	4	4.3	2.1	4.3	8.4	4.7	5	60	5	140	2	41
TOT	50	50	50	50	50	50	50	50.0	50.0	50.0	50.0	50.0	50	50	50	50	50	50

IKE, A. F.
WHITE OAK
GEORGIA

TA=TOTAL AGE

.1E=.1 ELEVATION

SST=SLOPE STEEPNES (PERCENT)

CB2=PERCENT CLAY B2

TTA=TOTAL THICKNESS A (INCHES)

OMA=ORGANIC MATTER A1 (PERCENT)

IWV=IMBIBITIONAL WATER VALUE B2

BAM=BASAL AREA MEASUREMENT

ECA=EXCHANGEABLE CALCIUM A2 (PPM)

AS=ASPECT

SP=SLOPE POSITION (PERCENT)

CA2=PERCENT CLAY A2

TA1=THICKNESS A1 (INCHES)

EMA=EXCHANGEABLE MAGNESIUM A2 (PPM)

MB2=MOISTURE B2 (15 ATMOS.)

PHB=PH B2

DB2=DEPTH TO B2 (INCHES)

TH=TOTAL HEIGHT

	TA	AS	.1E	SP	SST	CA2	CB2	TA1	TTA	EMA	OMA	MB2	IWV	PHB	BAM	DB2	ECA	TH
	56	10	238	50	35	28	36	.62	6.2	33	6.5	14.9	5.5	5.4	100	6.2	25	62
	60	48	260	92	35	22	28	.94	8.4	47	10.2	11.0	5.2	5.3	120	8.4	200	75
	73	128	268	99	18	24	28	1.69	7.9	30	8.2	12.6	5.1	5.2	120	7.9	45	103
	51	34	264	81	35	22	28	1.12	8.9	41	6.2	10.8	4.8	5.1	160	8.9	45	71
	48	5	250	46	34	16	28	1.12	11.8	25	6.7	12.6	6.1	5.0	80	11.8	15	71
	55	113	264	90	16	17	24	1.28	8.2	23	11.9	10.5	6.8	5.3	90	8.2	25	85
	46	90	210	97	15	17	24	.88	5.8	41	6.3	8.7	5.5	5.4	110	5.7	75	64
	64	73	215	95	36	20	22	.88	7.4	42	9.8	8.6	6.8	5.3	80	7.4	35	69
	53	80	250	75	20	19	22	1.50	10.6	36	15.1	10.7	6.4	5.3	90	10.6	35	76
	65	153	237	81	41	14	30	.88	4.4	42	12.1	12.4	3.9	5.4	90	4.4	35	80
	28	116	205	88	30	18	32	.50	8.5	41	10.5	11.8	5.0	5.2	80	8.5	65	43
	52	160	300	53	32	13	26	1.00	7.3	19	8.5	12.2	3.7	5.4	110	7.6	5	54
	38	168	300	31	42	12	18	1.12	4.9	25	10.3	9.4	4.2	5.1	110	4.8	5	33
	81	33	305	8	17	15	18	1.50	8.5	71	12.7	10.0	5.3	5.2	110	8.5	98	77
	43	150	297	6	11	16	25	-0.	5.0	25	-0.	10.4	-0.	5.4	110	5.0	5	47
	56	146	262	60	32	15	37	.50	4.5	30	16.9	15.6	4.7	5.3	130	4.8	10	48
	53	106	220	85	38	19	34	.88	4.1	119	12.1	14.6	5.4	5.7	110	11.5	433	74
	46	107	290	69	27	18	32	1.00	6.6	97	15.2	13.7	4.9	5.3	60	6.6	168	76
	81	102	410	85	38	12	22	1.75	13.6	17	15.1	13.2	4.5	5.3	60	13.6	5	57
	53	58	265	43	37	24	37	.50	6.4	55	10.1	15.2	6.0	5.4	130	6.4	38	85
	57	6	247	91	18	18	34	1.00	7.9	71	8.3	15.2	7.3	5.2	150	7.9	160	81
	32	157	290	95	12	12	31	1.69	7.8	20	9.9	13.3	6.2	5.3	120	7.8	10	49
	81	146	290	1	16	16	50	.10	2.1	35	8.6	15.4	6.0	5.5	130	2.6	33	61
	54	40	278	50	12	19	39	.10	4.2	17	9.1	14.9	4.8	5.3	100	6.1	23	73
	53	60	290	88	13	16	30	.62	4.7	17	10.8	13.1	4.5	5.1	140	6.1	10	66
	36	180	295	95	7	12	28	1.12	12.9	16	15.6	15.1	7.3	5.1	70	12.9	10	52
	60	50	262	16	9	18	46	.10	5.0	17	9.3	18.4	3.0	5.6	110	15.2	23	64
	52	40	255	70	44	17	34	1.12	7.1	97	10.4	22.7	3.4	5.3	110	7.1	113	85
	44	32	260	60	12	11	26	1.00	4.9	83	8.1	18.2	4.6	5.5	140	6.5	153	68
	61	81	180	95	24	21	39	.10	4.1	32	9.4	16.2	6.1	5.4	120	7.1	43	90
	59	124	163	24	28	19	46	.38	5.6	18	11.3	18.1	6.8	5.4	150	6.9	35	68
	51	48	247	87	10	15	30	.75	10.1	42	5.3	13.8	4.0	5.4	170	10.1	105	69
	55	99	220	87	11	14	38	.50	3.6	18	5.3	14.6	5.3	5.2	120	5.4	15	74
	38	154	310	27	13	16	20	.63	3.8	18	4.5	9.6	3.8	5.1	100	5.6	35	48
	52	80	220	65	28	18	30	.10	3.4	10	9.4	13.1	4.8	5.2	80	5.1	5	66
	51	164	336	14	13	16	23	.19	1.8	17	11.6	11.2	9.9	5.0	60	2.7	13	32
	53	62	340	53	24	17	24	1.12	6.4	32	6.3	13.0	3.9	5.2	90	8.0	30	52
	48	83	321	8	19	16	23	1.00	5.9	21	4.9	10.7	4.6	5.1	110	5.9	13	45
	36	163	320	6	13	14	16	.75	6.1	10	11.8	9.9	5.2	5.2	80	8.4	5	46
	73	53	224	95	30	18	26	1.13	5.8	27	4.5	11.2	5.4	5.4	130	8.4	88	85
	33	67	220	15	14	25	42	.43	3.8	20	8.7	18.9	5.7	5.4	140	6.2	5	53
	60	95	220	89	30	25	38	.22	3.7	130	9.8	16.3	5.2	5.7	160	5.2	413	79
	51	108	180	61	39	14	44	.18	5.4	8	9.1	18.3	4.5	5.6	110	12.0	5	85
	61	145	324	92	24	14	34	.69	10.4	21	6.9	14.4	5.2	5.3	120	15.3	23	72
	32	170	160	96	6	18	24	1.50	12.1	110	13.8	13.1	3.7	5.6	115	19.7	45	52
	62	30	202	15	46	19	27	.22	12.4	29	6.2	10.9	5.3	5.4	115	12.4	53	80
	71	19	225	90	35	22	31	.88	8.3	28	10.4	9.9	6.6	5.3	80	8.3	10	92
	56	72	255	85	44	18	28	.88	7.0	79	7.2	12.2	5.5	5.4	140	7.0	90	82
AVG	54	92	259	63	25	17	30	.81	6.8	40	9.6	13.3	5.3	5.3	111	8.1	61	67
CVR	23	55	19	51	48	22	25	56.92	42.1	76	32.2	22.8	23.3	3.1	24	41.7	147	24
MAX	81	180	410	99	46	28	50	1.75	13.6	130	16.9	22.7	9.9	5.7	170	19.7	433	103
MIN	28	5	160	1	6	11	16	.10	1.8	8	4.5	8.6	3.0	5.0	60	2.6	5	32
TOT	48	48	48	48	48	48	48	47.00	48.0	48	47.0	48.0	47.0	48.0	48	48.0	48	48

IKE. A. F.
WHITE PINE
GEORGIA

TA=TOTAL AGE
SP=SLOPE POSITION (PERCENT)
SIA=PERCENT SILT A2
SST=SLOPE STEEPNESS (PERCENT)
APA=AVAILABLE PHOSPHORUS A2 (PPM)
IWV=IMBIBITIONAL WATER VALUE B2
TTA=TOTAL THICKNESS A
PHA=PH A2
OMA=ORGANIC MATTER A2 (PERCENT
ECA=EXCHANGEABLE CALCIUM A2 (PPM)
.1E=.1 ELEVATION (FEET)
TF=THICKNESS F (INCHES
TH=THICKNESS H (INCHES)
EKA=EXCHANGEABLE POTASSIUM A2 (PPM)
BAE=BASAL AREA ESTIMATE
SIB=PERCENT SILT B2
MB2=MOISTURE B2 (.33 ATMOS.)
PLU=PAST LAND USE
THT=TOTAL HEIGHT

	TA	SP	SIA	SST	APA	IWV	TTA	PHA	OMA	ECA	.1E	TF	TH	EKA	BAE	SIB	MB2	PLU	THT
	68	95	28	35	1	3.8	75	5.2	.9	95	237	.12	.31	88	140	25	19.540	4	107
	72	89	29	39	2	4.2	46	5.2	1.2	65	241	.25	.50	60	130	25	19.500	2	98
	42	97	27	12	5	5.7	80	5.1	2.9	155	232	.19	.62	80	100	24	30.410	4	92
	45	81	31	35	3	4.8	86	5.1	2.4	45	244	.12	.66	72	160	27	27.850	4	91
	43	46	30	34	4	6.1	118	5.0	2.5	15	250	.14	.72	75	80	23	23.340	5	83
	66	90	36	26	3	5.0	76	5.2	4.8	155	215	.25	.50	152	140	26	25.870	4	120
	49	75	34	17	6	5.0	68	5.1	4.3	65	267	.11	.59	85	80	26	23.420	4	98
	51	79	33	14	8	5.2	64	5.1	4.2	5	242	.28	.35	72	160	26	29.910	4	98
	27	80	29	16	8	4.2	66	5.3	1.8	125	245	.32	.28	72	210	26	22.220	4	68
	47	75	34	44	7	3.9	25	5.1	5.0	50	239	.47	.25	70	210	40	28.400	4	105
	43	95	27	5	3	5.0	72	5.0	7.2	163	232	.69	.31	62	240	22	27.050	4	105
	43	63	28	22	5	4.5	88	5.0	4.7	138	236	.63	.22	73	150	23	22.360	4	103
	40	8	18	63	8	3.2	49	5.2	2.9	198	244	.44	.12	77	210	18	17.360	2	76
	37	80	31	14	12	4.7	98	5.0	6.8	123	264	.59	.41	51	130	18	23.360	4	83
	36	71	23	44	5	5.2	69	5.6	4.5	5	286	.97	.22	37	150	21	21.470	2	77
	41	89	16	14	4	5.5	58	5.1	1.3	93	172	.75	.38	50	180	14	20.060	4	90
	36	86	22	2	2	6.0	129	5.1	1.6	5	200	1.12	.34	33	140	20	17.970	4	81
	49	59	30	34	4	6.8	70	4.9	3.2	35	235	.36	.53	25	150	23	27.580	5	86
	43	95	26	16	5	6.3	61	4.9	4.1	135	232	.12	.44	102	170	26	27.790	4	89
	52	74	32	26	5	4.2	142	4.8	2.4	15	260	.12	.72	60	130	22	20.200	4	103
	64	93	31	34	4	3.7	71	4.9	2.2	45	262	.43	.75	55	180	26	17.930	4	104
	42	97	32	15	4	5.5	54	4.9	2.5	75	210	.08	.56	85	110	25	22.330	4	95
	48	80	34	6	7	5.4	129	4.9	2.3	105	212	.44	.26	65	150	35	23.930	4	102
	46	37	28	11	8	5.3	92	4.4	1.7	15	282	.59	.91	55	140	19	22.830	4	89
	45	18	28	9	7	6.5	64	4.9	3.0	38	242	.33	.28	52	150	22	24.500	4	104
	27	40	19	9	8	4.6	58	4.6	2.0	10	230	.12	.25	38	180	16	24.770	4	69
	42	87	27	41	4	16.9	49	4.7	3.8	105	221	.12	.19	81	140	20	24.070	4	100
	38	98	31	5	4	5.0	71	4.5	7.9	10	235	.12	.22	53	170	24	25.840	4	88
	39	57	28	68	6	4.7	48	4.9	3.9	27	210	.16	.19	123	170	22	28.620	4	90
	43	40	25	65	7	6.1	49	4.6	4.9	73	255	.31	.38	146	180	16	26.560	2	80
	41	65	24	47	3	3.6	54	4.5	4.3	15	230	.16	.31	120	120	23	25.420	2	85
	44	15	24	26	6	4.9	34	4.4	4.7	10	320	.28	.30	130	180	22	27.180	4	85
	60	95	22	24	8	6.1	41	4.4	3.8	43	180	.19	.41	92	120	18	25.800	4	99
	49	58	24	27	4	4.6	36	4.7	2.8	5	269	.56	.44	60	180	22	20.590	4	85
	39	60	22	25	5	3.6	44	4.6	4.5	23	284	.34	.81	90	130	18	23.390	4	65
	45	3	21	9	5	6.2	76	4.9	2.8	35	204	.82	.44	125	180	14	31.620	4	87
	48	36	20	12	7	5.4	70	4.8	3.4	245	205	.88	.38	95	160	20	28.070	4	88
	46	77	25	24	5	4.5	42	4.7	4.6	10	228	.41	.63	88	210	21	24.710	4	110
	46	29	20	46	1	4.9	36	4.8	3.2	5	250	1.06	.44	53	180	19	21.980	2	69
	39	14	18	15	2	7.8	76	4.8	2.2	5	260	1.00	.38	40	180	16	20.380	4	69
	44	38	26	17	3	5.0	50	4.9	3.9	5	214	.53	.47	51	230	24	25.740	4	99
AVG	46	65	27	25	5	5.4	68	4.9	3.5	63	238	.42	.43	75	160	22	24.193	4	90
CVR	21	43	19	66	45	38.9	39	5.4	45.0	94	12	71.46	44.00	40	23	22	14.737	20	14
MAX	72	98	36	69	12	16.9	142	5.6	7.9	245	320	1.12	.91	152	240	40	31.620	5	120
MIN	27	3	16	2	1	3.2	25	4.4	.9	5	172	.08	.12	25	80	14	17.360	2	65
TOT	41	41	41	41	41	41.0	41	41.0	41.0	41	41	41.00	41.00	41	41	41	41.000	41	41

IKE, A. F.
VIRGINIA PINE
GEORGIA

TA=TOTAL AGE

SS=SLOPE STEEPNESS (PERCENT)

PHB=PH B2

TA2=THICKNESS A2 (INCHES)

ECA=EXCHANGEABLE CALCIUM A2 (PPM)

BAE=BASAL AREA ESTIMATE

CTA=CALCIUM CONTENT A2 X TA2

TH=TOTAL HEIGHT (FEET)

SP=SLOPE POSITION (PERCENT)

PHA=PH A2

MB2=MOISTURE B2 (15 ATMOS.)

EL=ELEVATION (FEET)

AS=ASPECT

EMA=EXCHANGEABLE MAGNESIUM A2 (PPM)

MA2= MOISTURE A2 (15 ATMOS.)

	TA	SP	SS	PHA	PHB	MB2	TA2	EL	ECA	AS	BAE	EMA	CTA	MA2	TH
	44	81	35	51	51	10.8	3.6	244	45	34	160	41	162	101	86
	41	78	22	56	54	11.4	3.1	275	610	153	100	168	1891	120	82
	42	93	12	49	53	11.8	5.1	267	33	81	140	30	163	147	69
	41	78	20	59	55	17.9	4.8	260	845	95	130	146	4056	210	64
	44	50	13	47	53	13.6	6.1	230	10	148	140	8	61	83	64
	49	20	27	44	53	10.6	2.5	254	5	87	110	17	12	91	59
	44	71	18	43	55	21.7	4.0	190	13	152	135	5	48	73	71
	40	59	47	51	52	8.7	5.6	264	125	20	200	24	700	165	74
	41	55	39	50	54	7.4	4.6	178	90	24	190	29	413	100	77
	53	25	11	48	54	16.2	9.9	200	30	166	120	9	297	52	72
	54	98	63	46	54	12.2	1.2	240	45	100	150	41	54	136	82
	57	95	24	44	54	16.2	4.1	180	43	81	120	32	172	154	82
	59	24	28	47	55	18.1	3.2	163	35	59	150	18	112	100	68
	58	57	28	43	53	16.8	3.4	180	5	104	170	9	17	78	64
	52	87	11	48	53	14.6	3.1	220	15	99	150	18	46	104	78
	60	70	24	43	56	28.7	.5	230	30	50	140	17	2	71	81
	33	41	45	57	57	12.1	4.0	250	293	38	170	163	1170	130	63
	32	47	20	52	54	12.1	4.0	282	115	66	90	44	462	137	57
	31	80	16	53	54	11.0	4.5	245	125	108	210	40	562	128	66
	35	21	27	56	54	17.2	3.8	260	433	142	140	99	1541	220	65
	37	88	26	51	54	7.4	4.0	225	140	148	200	29	560	63	74
	38	55	8	47	54	12.9	8.8	198	23	172	100	8	194	60	72
	35	80	13	48	54	6.4	7.2	195	30	176	130	12	213	38	70
	34	60	18	46	55	11.9	5.7	240	5	168	150	5	28	52	61
	37	85	20	49	57	9.1	2.5	280	168	55	140	64	420	110	74
	32	97	12	47	52	24.6	5.4	265	23	125	140	8	119	33	55
	36	53	4	46	49	7.1	9.5	277	13	155	150	5	114	25	58
	37	50	10	47	55	15.3	6.8	282	23	60	140	5	150	59	71
	38	40	65	46	56	14.6	.4	255	73	166	180	55	29	147	70
	34	50	22	47	55	19.4	4.8	140	105	40	230	24	504	82	65
	37	5	5	45	52	16.3	5.6	324	13	144	120	18	67	210	53
	33	60	24	54	54	14.2	5.2	190	388	153	140	32	2049	158	69
	37	17	12	51	53	10.2	5.8	220	110	62	140	27	638	150	71
	37	10	11	50	55	16.2	6.6	206	5	118	120	12	33	73	51
	32	85	25	50	53	13.3	6.0	180	60	50	170	19	360	98	65
	27	96	26	50	55	13.7	8.2	195	235	138	130	35	1939	140	67
	24	91	10	51	52	13.8	5.2	196	5	110	140	8	26	110	60
AVG	40	61	23	49	54	13.9	4.8	229	118	104	147	36	527	108	68
CVR	23	45	63	8	3	34.0	45.4	18	155	46	21	117	157	45	12
MAX	60	98	65	59	57	28.7	9.9	324	845	176	230	168	4056	220	86
MIN	24	5	4	43	49	6.4	.4	140	5	20	90	5	2	25	51
TOT	37	37	37	37	37	37.0	37.0	37	37	37	37	37	37	37	37

IKE. A.F.
YELLOW POPLAR
GEORGIA

SI-SITE INDEX
SS-SOIL SERIES
EL-ELEVATION (FEET)
SP-SLOPE POSITION (PERCENT)
ST-SLOPE STEEPNESS
EMA-EXCHANGABLE MAGNESIUM A2 (PPM)
CB2-PERCENT CLAY B2
TA1-THICKNESS A1
TTA-TOTAL THICKNESS A
PHA-PH A2
OMA-ORGANIC MATTER A1
OTA-ORGANIC MATTER X TA1
TT-TOTAL THICKNESS A1+E+H
WPA-WILTING POINT A2, 15 ATMOS.
MER-MOISTURE EQUIVALENCE B2
BAE-BASAL AREA ESTIMATE
TH-TOTAL HEIGHT
TA-TOTAL AGE
PLU-PAST LAND USE

	SI	SS	EL	SP	ST	EMA	CB2	TA1	TTA	PHA	OMA	OTA	TT	WPA	MER	BAE	TH	TA	PLU
01 001	98	10	237	95	35	42.0	24	2.4	8.7	52	5.4	13.0	2.8	9.6	19.0	140	107	68	4
01 002	84	10	241	89	38	33.0	24	1.2	5.9	52	5.6	6.8	1.9	8.6	19.0	130	98	82	2
01 003	80	15	235	59	34	30.0	26	.6	7.0	49	4.5	2.7	1.5	12.4	26.5	160	74	43	5
01 005	97	14	260	92	35	47.0	28	.9	7.9	52	10.2	9.2	1.8	12.8	22.3	120	95	48	2
01 006	88	2	275	80	34	28.0	26	.8	8.0	50	8.5	6.8	1.6	7.6	19.0	120	83	44	5
01 010	91	14	232	87	12	65.0	24	.8	6.1	51	11.2	9.2	1.3	11.2	24.0	170	94	53	4
01 012	89	10	244	81	35	41.0	28	1.1	8.9	51	6.2	5.8	1.9	10.1	22.7	160	82	43	4
01 014	95	14	215	90	26	97.0	26	1.4	7.9	52	10.9	15.3	2.1	15.6	22.8	140	106	65	4
01 015	79	10	217	75	34	30.0	26	1.3	8.0	50	7.1	9.2	2.1	9.3	20.0	90	73	43	5
01 018	93	14	267	75	17	33.0	26	1.2	6.7	51	10.9	13.0	1.9	16.0	23.7	80	89	46	4
01 019	106	8	262	93	34	30.0	22	1.4	7.4	49	8.1	11.1	2.6	8.2	17.5	180	109	53	4
01 024	94	14	247	48	14	85.0	30	.9	13.0	53	13.9	12.4	1.9	20.5	31.9	60	82	39	4
01 030	94	5	295	86	32	47.0	23	.6	7.6	54	13.2	7.9	1.2	14.8	23.0	120	85	42	5
01 032	116	3	310	98	42	163.0	14	2.0	18.0	58	8.8	17.6	2.1	15.2	23.0	220	134	78	2
01 034	94	10	275	78	22	168.0	25	1.2	7.6	56	8.8	10.3	1.6	12.0	20.0	100	90	47	5
01 037	93	10	240	82	60	168.0	20	1.4	11.2	59	9.1	12.7	1.4	14.0	20.0	130	91	48	2
01 042	89	10	250	41	45	163.0	27	1.1	8.1	57	8.0	8.8	1.4	13.0	20.8	170	73	46	4
01 050	79	10	305	8	17	71.0	17	1.5	8.5	52	12.7	19.0	1.9	13.8	18.3	100	71	41	5
01 052	107	14	242	79	14	25.0	32	1.0	6.4	51	9.6	9.6	1.6	16.3	27.5	160	98	51	4
01 056	76	7	282	47	20	44.0	30	.7	4.7	52	13.8	9.6	1.2	13.7	22.1	90	62	35	4
01 062	96	14	260	21	27	99.0	24	1.0	9.5	56	14.3	14.3	1.5	22.0	23.7	140	76	33	4
01 066	84	10	220	85	38	119.0	34	.9	4.1	56	12.1	10.9	1.5	17.2	25.3	110	82	54	5
01 067	82	14	267	93	12	30.0	29	1.4	6.5	49	13.3	18.6	1.9	14.8	22.0	140	78	45	4
01 072	87	14	240	78	20	146.0	42	1.0	8.6	59	15.6	15.6	1.5	21.0	26.2	110	64	41	4
01 073	78	8	265	43	37	55.0	37	.5	6.4	51	10.1	5.0	.7	16.5	25.7	130	85	53	4
01 074	123	3	380	98	19	97.0	11	2.0	13.7	56	12.9	25.8	2.2	19.3	20.3	180	94	31	4
01 077	92	14	247	91	18	71.0	34	1.0	7.9	51	8.3	8.3	1.2	17.4	23.5	150	91	49	4
01 101	111	14	221	87	41	41.0	30	.1	4.9	47	3.8	.4	.3	13.6	20.4	140	107	46	4
01 109	97	14	255	70	44	97.0	33	1.1	7.1	47	10.4	11.4	1.5	16.1	21.1	110	92	45	2
01 123	100	14	195	96	26	35.0	30	.1	8.2	50	4.8	.5	.4	14.0	21.9	130	70	27	4
01 126	78	14	247	87	10	42.0	29	.8	9.1	46	5.3	4.2	1.0	16.1	20.7	170	77	38	4
01 129	72	19	168	50	29	18.0	47	.1	4.4	49	3.9	.4	.6	11.6	26.5	140	86	76	4
01 130	65	5	190	71	18	5.0	51	.3	4.3	43	11.4	3.4	.8	7.3	26.6	135	69	56	4
01 131	82	13	190	60	24	32.0	29	.1	5.2	54	4.2	.4	.4	15.8	25.3	140	68	36	4
01 132	93	14	220	73	12	27.0	19	.5	6.2	51	5.3	2.7	.9	15.0	23.4	140	80	30	4
01 134	80	10	310	27	13	18.0	20	.6	3.8	49	4.5	2.7	1.0	14.7	18.9	100	57	30	1
01 135	85	2	269	58	27	13.0	29	1.0	3.6	47	3.4	3.4	2.0	11.6	19.8	180	81	46	4
01 144	86	5	204	3	9	18.0	41	.2	7.6	49	9.0	1.8	1.4	7.5	24.5	180	80	43	4
01 146	105	14	232	95	5	24.0	26	1.9	7.2	50	6.1	11.6	2.9	16.5	21.3	240	100	46	4
01 148	104	20	228	77	24	17.0	27	.2	4.2	47	9.7	1.9	1.3	13.6	20.3	210	100	46	4
01 149	108	14	236	93	32	26.0	25	1.6	8.8	50	10.3	16.4	2.5	14.9	18.4	150	102	43	4
01 152	92	14	236	15	14	20.0	41	.4	3.8	54	8.2	3.3	.8	25.8	29.6	140	68	30	4
01 157	78	14	196	91	10	8.0	39	1.1	6.4	51	4.1	4.5	1.6	11.0	24.0	140	60	32	4
01 179	93	20	160	96	6	8.0	24	.6	8.6	49	5.0	4.0	1.0	9.9	19.5	160	93	50	4
01 180	99	2	172	89	14	24.0	32	.6	5.6	50	5.4	3.2	1.7	8.5	19.9	180	84	37	4
01 182	112	3	240	80	49	200.0	19	1.8	9.1	58	11.3	20.3	1.9	25.5	26.7	140	106	45	3
01 184	98	10	278	62	57	133.0	41	.8	5.8	58	15.6	12.5	1.2	21.7	23.6	130	101	54	2
01 185	90	10	258	56	61	162.0	34	.2	14.8	59	15.9	3.2	.6	25.8	29.5	120	85	61	1
01 188	96	10	286	38	53	119.0	16	1.9	10.1	56	9.9	18.8	2.3	22.7	21.6	100	77	34	4
01 189	95	10	280	74	50	123.0	16	1.9	7.5	55	10.1	19.2	2.5	22.1	23.3	120	80	36	4
01 190	100	13	220	77	46	7.0	31	1.9	9.6	50	5.3	10.1	2.4	15.5	22.2	130	78	44	4
01 191	94	15	256	50	49	25.0	21	1.0	6.2	49	6.6	6.6	2.0	14.7	23.9	140	74	33	4
01 192	89	15	264	59	47	24.0	19	1.6	13.6	50	4.3	6.9	2.6	16.5	22.4	200	84	45	4
01 195	95	20	178	55	39	29.0	18	.3	4.9	50	5.0	1.5	1.4	10.0	20.2	190	78	35	4
01 196	77	7	202	15	46	29.0	27	.3	10.8	57	6.2	1.9	1.0	14.4	21.0	115	86	64	4
01 197	79	7	212	13	36	49.0	37	.7	5.2	52	6.0	4.2	1.5	19.8	30.0	160	71	49	4
01 031	96	3	325	63	16	85.0	24	2.1	13.8	54	15.2	31.5	2.6	22.7	24.8	135	84	39	4
AVG	92	11	245	68	29	61.1	28	1.6	7.8	52	8.9	9.2	1.6	15.1	22.8	141	85	46	4
CVR	12	43	17	38	50	84.0	29	59.0	38.2	7	40.9	73.9	40.1	31.6	14.0	25	17	26	24
MAX	123	[illegible]	380	98	61	200.0	51	2.4	18.0	59	15.9	31.5	2.9	25.8	31.9	240	134	82	5
MIN	65	2	180	3	5	5.0	11	.1	3.6	43	3.4	.4	.3	7.3	17.5	60	57	27	1
TOT	57	57	57	57	57	57.0	57	57.0	57.0	57	57.0	57.0	57.0	57.0	57.0	57	57	57	57

KOPMANIK
TESTRUN
LOBLOLLY PINE

HT-HEIGHT

B2-THICKNESS B2 HORIZON

IM-H2O VALUE B2

15-15 ATMOSPHERES B2

CL-CLAY B2

CS-PERCENT SAND, CLAY B2

HO-AVAILABLE H2O B2

.3-ATMOSPHERES A3B2

SE-SECTION OF PIEDMONT

A1-THICKNESS A1+A2

AG-AGE

C- DEPTH TO C HORIZON

SA-SAND IN B2 HORIZON

.3-1/3 ATMOSPHERES A2

HO-H2O AVAILABLE A3B2

CR-PERCENT CLAY B2

ME-MOISTURE EQUIVALENT B2

DC-DRAINAGE CLASS

SI- SITE INDEX

	HT	AG	B2	DC	IM	AT	A2	CL	B2	SA	CL	AT	ME	DR	SA	SI	A1
1 024	71	34	20	29	8	21	13	50	9	35	27	8	31	1	340	85	55
1 025	62	37	22	33	8	19	18	49	11	32	32	9	28	1	360	72	65
1 026	84	50	22	33	8	19	13	46	11	35	24	7	26	1	396	84	69
1 027	59	33	16	24	7	12	18	31	13	51	19	5	22	1	414	75	72
1 028	71	55	16	29	8	20	21	55	13	34	19	4	29	1	468	67	69
1 029	76	56	19	34	5	16	14	34	15	51	21	4	21	2	426	73	70
1 030	81	67	22	34	5	9	13	28	12	47	17	3	18	2	520	76	74
1 031	70	59	23	33	7	21	17	49	10	32	29	8	32	1	315	66	59
1 032	72	46	19	31	7	20	21	47	12	41	24	7	30	1	345	74	64
1 035	70	36	28	37	8	26	8	62	9	28	31	8	34	1	330	83	55
1 036	60	36	23	33	8	21	13	47	10	37	24	7	30	1	288	70	51
1 037	72	46	26	33	7	17	9	40	7	20	27	7	29	2	90	74	40
1 050	81	40	33	42	7	11	29	28	9	50	10	4	23	2	255	89	54
1 051	78	35	32	42	6	7	23	18	10	70	7	3	17	2	366	93	63
1 052	69	34	28	36	6	15	18	36	8	38	13	6	36	2	288	84	44
1 067	79	42	23	28	9	19	21	42	5	33	20	7	33	1	112	86	22
1 083	68	32	31	43	6	15	15	44	15	44	20	5	24	2	420	89	63
1 084	71	42	28	42	7	13	17	30	18	57	15	4	21	2	740	76	125
1 085	82	57	23	43	5	7	14	22	20	64	17	4	14	2	792	78	131
1 086	82	66	26	43	5	15	15	39	17	48	25	8	23	2	630	76	115
1 087	66	30	24	35	10	20	11	47	11	39	19	5	30	1	462	86	62
1 088	71	33	28	37	5	9	12	22	15	66	14	3	17	2	600	88	83
1 089	74	44	32	38	10	24	19	49	8	34	20	10	35	1	330	78	54
1 090	97	56	24	33	10	18	15	32	8	40	24	9	32	1	350	93	53
1 091	83	67	22	31	7	22	19	52	9	26	18	6	31	1	308	75	33
1 094	75	40	34	41	8	26	7	59	7	27	16	7	37	1	390	83	54
1 095	68	38	34	41	8	26	12	63	7	25	38	11	35	1	300	77	42
1 096	82	43	29	38	9	23	11	62	9	29	17	5	33	1	432	87	62
1 097	75	41	34	42	8	22	14	57	8	30	34	11	31	1	268	83	43
1 098	72	56	28	42	6	17	13	47	14	49	16	4	25	1	450	69	63
1 099	69	37	33	42	11	23	12	54	9	35	23	7	34	1	296	80	43
1 100	67	36	33	42	9	27	15	60	9	24	26	10	38	1	360	79	64
1 102	97	67	28	40	7	13	11	34	18	50	13	3	21	2	444	89	63
1 103	80	48	32	42	9	24	18	57	10	31	25	8	35	1	320	82	53
1 104	90	48	29	43	5	10	20	32	14	48	18	4	21	2	472	92	82
1 105	73	50	21	34	10	26	15	64	13	28	24	7	37	1	441	73	85
1 106	76	40	22	29	9	19	15	42	7	37	23	10	29	1	256	84	42
1 108	78	41	25	37	6	12	15	23	17	63	14	4	19	2	450	85	63
1 109	67	36	29	37	7	28	21	62	8	24	28	10	37	1	224	80	43
1 110	69	36	27	33	8	25	22	58	10	26	34	10	35	1	336	81	72
1 111	67	44	22	31	7	19	19	48	9	35	21	6	28	1	290	71	59
1 112	59	44	17	25	9	25	21	56	8	28	27	11	35	1	232	62	46
1 113	69	37	23	41	8	22	21	52	18	36	24	7	31	1	522	80	99
1 114	68	38	29	39	9	24	19	52	10	36	18	6	34	1	378	78	63
AVG	74	44	26	36	7	19	16	45	11	39	22	7	29	1	382	80	63
CVR	12	23	20	15	21	31	28	28	33	32	31	36	22	36	36	9	35
MAX	97	67	34	43	11	28	29	64	20	70	38	11	38	2	792	93	131
MIN	59	30	16	24	5	7	7	18	5	20	7	3	14	1	90	62	22
TOT	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44

KORMANIK
TEST RUN
SLASH LEAF PINE

HT-HEIGHT

AG-AGE

B2-THICKNESS B2 HORIZON

C- DEPTH TO C HORIZON

1M-H2O VALUE B2

SA-SAND IN B2 HORIZON

15-15 ATMOSPHERES B2

.3-1/3 ATMOSPHERES B2

CL-CLAY B2

HO-H2O AVAILABLE A3B2

CS-PERCENT SAND, CLAY B2

CR-PERCENT CLAY B2

HO-AVAILABLE H2O B2

MF-MOISTURE EQUIVALENT B2

.3-ATMOSPHERES A3B2

DC-DRAINAGE CLASS

SE-SECTION OF PIEDMONT

SI- SITE INDEX

A1-THICKNESS A1+A2

	HT	AG	B2	C	1M	SA	15	.3	CL	HO	CS	CR	HO	ME	.3	DC	SE	SI	A1
2 001	60	40	26	37	5.5	32.0	18.4	23.2	48	14.7	68	1248	12.0	27.9	25.6	1	2	67.0	6.6
2 002	57	26	20	34	12.3	33.0	16.6	18.4	46	12.8	67	920	16.8	29.3	21.9	2	2	50.0	8.1
2 003	65	49	10	15	6.8	40.0	11.8	22.2	27	13.3	60	270	15.8	21.7	19.8	2	2	65.0	5.3
2 004	67	56	6	13	8.4	45.0	11.9	20.3	29	13.3	55	174	15.7	21.8	19.8	2	2	64.0	4.0
2 005	65	54	32	41	7.4	26.0	19.7	28.4	50	17.3	74	1600	14.8	29.6	25.4	1	2	64.0	5.7
2 006	75	67	23	30	6.3	43.0	12.3	22.3	30	15.7	57	690	16.3	23.4	23.5	1	2	66.0	4.2
2 008	83	68	16	26	5.9	53.0	10.4	17.9	27	15.6	47	432	14.1	20.0	22.6	1	1	72.0	10.3
2 010	72	53	20	25	8.0	38.0	18.0	22.9	38	12.7	62	760	15.5	28.0	24.1	1	1	70.0	3.9
2 011	58	56	24	31	9.1	27.0	23.1	19.2	53	17.2	73	1272	14.7	34.1	26.6	1	2	56.0	6.8
2 012	71	48	28	37	5.1	43.0	12.2	16.0	35	13.1	57	980	13.3	21.1	20.2	1	1	72.0	5.7
2 014	68	68	4	11	6.7	61.0	11.1	19.9	17	16.1	39	68	11.4	20.3	22.3	2	2	59.0	6.5
2 015	80	86	6	12	11.4	19.0	16.5	28.5	46	16.5	81	276	17.6	27.8	22.2	2	2	63.0	3.8
2 016	87	88	8	14	6.2	33.0	5.3	29.4	19	16.5	67	152	21.8	20.3	22.2	2	2	68.0	6.2
2 018	70	66	30	41	9.0	27.0	20.0	26.9	56	14.8	73	1680	13.9	30.1	24.2	1	2	62.0	6.7
2 019	55	46	7	15	5.2	50.0	7.6	18.4	28	10.2	50	196	11.6	17.1	16.3	2	2	58.0	8.4
2 020	74	60	26	38	5.6	40.0	12.3	17.8	39	13.9	60	1014	11.8	21.0	18.6	1	2	68.0	8.0
2 021	57	54	23	34	5.6	23.0	23.9	24.9	57	17.2	77	1311	14.3	34.2	26.7	1	2	55.0	5.6
2 027	55	34	11	23	6.5	51.0	12.4	18.1	31	9.9	49	341	11.8	21.7	15.3	1	2	67.0	7.2
2 028	66	58	14	27	8.0	34.0	20.5	20.8	55	8.7	66	770	11.6	29.4	13.0	1	2	62.0	7.9
2 029	71	59	19	33	4.9	51.0	15.9	14.0	34	10.0	49	646	7.6	20.6	14.4	1	2	66.0	8.1
2 033	71	69	34	43	7.3	20.0	27.4	17.3	66	14.3	80	2244	12.1	34.9	27.4	1	2	66.0	8.3
2 034	70	86	31	40	6.8	30.0	20.5	12.1	57	9.6	70	1767	12.4	28.6	19.8	1	2	55.0	5.4
2 037	67	52	30	37	7.3	20.0	17.4	9.4	40	18.3	80	1200	18.0	28.8	25.4	1	2	66.0	4.0
2 038	64	58	32	42	4.3	27.0	13.9	27.0	38	20.6	73	1216	17.4	26.9	28.5	1	2	60.0	6.0
2 039	56	38	27	35	6.4	23.0	24.7	21.6	59	17.6	77	1593	14.1	33.8	25.5	1	2	61.0	5.2
2 040	55	48	26	33	5.5	25.0	23.5	28.5	53	20.0	75	1378	14.7	32.9	29.0	1	2	56.0	3.8
2 045	51	36	28	37	8.7	31.0	22.3	16.8	51	11.7	69	1428	11.4	33.1	21.9	1	2	60.0	5.0
2 046	58	39	21	28	10.9	20.0	26.8	25.2	40	16.0	80	1260	12.6	39.8	28.5	1	2	65.0	4.0
2 047	57	36	18	25	10.9	20.0	28.1	23.3	64	15.0	80	1152	14.5	40.5	25.7	1	2	68.0	4.0
2 048	52	34	28	37	7.1	20.0	27.6	24.2	64	15.5	80	1792	13.1	37.2	29.7	1	2	62.0	5.2
2 049	63	40	26	36	5.5	33.0	14.4	20.5	39	16.1	67	1014	12.7	24.6	23.5	1	2	69.0	7.4
2 052	58	40	28	36	7.3	38.0	15.4	18.0	36	11.6	62	1008	17.5	36.0	17.6	1	2	65.0	4.0
2 053	58	54	17	27	6.0	43.0	13.7	20.6	38	12.5	57	646	10.8	22.4	18.5	2	2	56.0	6.0
2 054	70	60	23	35	6.2	49.0	8.9	18.0	28	10.9	51	644	11.5	18.6	16.0	1	2	65.0	8.0
2 055	56	44	28	38	6.6	27.0	20.5	24.4	51	16.2	73	1428	13.3	32.6	24.0	1	2	59.0	6.0
2 056	60	40	16	22	7.3	22.0	10.6	36.1	41	16.0	78	656	22.0	29.6	23.5	1	2	67.0	5.6
2 057	56	36	20	25	8.3	18.0	21.4	37.7	52	21.1	82	1040	16.7	34.5	32.1	1	2	66.0	2.0
2 058	50	35	15	23	6.3	18.0	16.6	28.9	48	22.1	82	720	16.5	29.8	31.9	2	2	59.0	4.2
2 059	52	34	27	34	13.5	22.0	20.2	31.9	53	18.7	78	1431	14.0	36.1	30.2	1	2	61.0	4.0
2 060	80	72	21	28	6.0	22.0	15.1	27.0	42	18.8	78	882	16.9	28.2	25.7	1	2	68.0	6.6
2 061	72	49	22	28	5.6	20.0	17.5	31.7	47	11.7	80	1034	17.6	29.8	21.9	1	2	73.0	6.4
2 062	55	36	22	29	8.8	36.0	16.9	14.2	43	10.8	64	946	14.2	26.0	16.5	1	2	66.0	4.3
2 063	56	35	20	31	6.5	48.0	14.7	7.7	38	9.7	52	760	10.7	22.4	14.1	1	2	67.0	6.9
2 064	76	71	24	31	8.2	31.0	20.0	27.0	51	14.0	69	1224	13.4	30.2	22.7	1	2	65.0	4.0
2 066	83	79	21	26	8.8	23.0	25.5	29.4	55	21.1	77	1155	17.1	34.0	32.1	1	2	67.0	5.0
2 070	86	57	17	26	7.4	27.0	16.6	30.6	41	13.5	73	697	17.0	30.2	28.0	1	1	81.0	5.8
2 071	79	51	19	30	8.4	42.0	14.6	16.7	35	9.9	58	665	19.9	26.8	19.5	1	1	79.0	7.7
2 072	74	48	6	12	5.2	24.0	14.9	29.9	35	10.5	76	210	19.9	28.0	19.2	2	1	76.0	5.5
2 073	73	48	14	26	5.5	46.0	11.8	22.0	27	12.5	54	378	17.3	23.4	21.2	2	1	73.0	8.8
2 074	81	60	8	16	4.7	43.0	8.7	17.5	29	10.5	57	232	11.0	16.8	19.2	2	1	75.0	7.8
2 075	57	43	34	43	8.9	23.0	25.3	21.1	57	8.7	77	1938	16.0	36.2	21.9	1	1	61.0	5.5
2 080	70	54	24	34	8.2	25.0	19.4	25.5	42	17.9	75	1008	18.5	32.0	23.4	1	1	68.0	5.0
2 081	69	54	22	32	9.1	28.0	16.8	26.2	38	17.8	72	836	18.4	28.5	23.0	1	1	67.0	6.0
2 091	78	73	22	31	7.1	26.0	22.4	19.1	52	10.7	74	1144	12.0	31.5	16.4	1	2	67.0	2.5
2 092	80	89	16	31	7.9	42.0	20.4	11.9	48	7.6	58	768	9.8	28.9	11.6	1	2	62.0	7.0
2 093	64	41	32	42	11.8	27.0	24.4	14.6	61	9.1	73	1952	12.4	34.4	14.9	1	2	70.0	6.0
2 098	72	56	28	42	6.0	49.0	16.7	13.1	47	9.5	51	1316	9.9	24.6	13.9	1	2	69.0	6.0
2 101	69	43	23	34	8.2	42.0	18.5	14.9	43	10.1	58	989	15.0	28.8	21.1	1	2	75.0	7.0
2 105	64	50	21	34	10.2	28.0	26.1	14.8	64	14.3	72	1344	16.1	37.0	17.9	1	2	64.0	8.5
2 131	56	35	30	42	6.4	40.0	17.9	15.3	44	11.0	60	1320	10.0	27.6	19.4	1	2	68.0	7.0
2 132	52	40	6	12	5.1	38.0	6.9	19.3	21	18.1	62	126	15.7	20.1	26.4	2	2	58.0	6.0
AVG	66	53	21	30	7.4	32.9	17.5	21.6	44	14.1	67	973	14.5	28.3	22.2	1	2	65.2	5.9
CVP	15	28	38	30	26.8	33.0	31.9	29.6	28	25.8	16	52	20.9	20.6	22.5	34	21	9.3	27.9
MAX	87	89	34	43	13.5	61.0	28.1	37.7	66	22.1	82	2244	22.0	40.5	32.1	2	2	81.0	10.3
MIN	50	34	4	11	4.3	18.0	5.3	7.7	17	7.6	39	68	7.6	16.8	11.6	1	1	50.0	2.0
TOT	61	61	61	61	61.0	61.0	61.0	61.0	61	61.0	61	61	61.0	61.0	61.0	61	61	61.0	61.0

KORMANIK
TEST RUN
VIRGINIA PINE

HT-HEIGHT

AG-AGE

B2-THICKNESS B2 HORIZON

C- DEPTH TO C HORIZON

1M-H2O VALUE B2

SA-SAND IN B2 HORIZON

15-15 ATMOSPHERES B2

.3-1/3 ATMOSPHERES A2

CL-CLAY B2

HO-H2O AVAILABLE A3B2

CS-PERCENT SAND, CLAY B2

CB-PERCENT CLAY B2

HO-AVAILABLE H2O B2

ME-MOISTURE EQUIVALENT B2

.3-ATMOSPHERES A3B2

DC-DRAINAGE CLASS

SE-SECTION OF PIEDMONT

SI- SITE INDEX

A1-THICKNESS A1+A2

	HT	AG	B2	C	IM	SA	15	.3	CL	HO	CS	CB	HO	ME	.3	DC	SE	SI	A1
3 001	63	41	26	37	5.5	32.0	18.4	23.2	48	14.7	68	1248	11.9	27.9	25.6	1	2	69.0	6.6
3 002	62	60	20	34	12.3	33.0	16.6	18.4	46	12.8	67	920	16.8	29.3	21.9	2	2	59.0	8.1
3 003	66	43	10	15	6.9	40.0	11.8	22.2	27	13.3	60	270	15.8	21.7	19.8	2	2	71.0	5.3
3 004	69	57	6	13	8.4	45.0	11.9	20.3	29	13.3	55	174	15.7	21.8	19.8	2	2	67.0	6.5
3 008	82	68	16	26	5.9	53.0	10.4	17.9	27	15.5	47	437	14.1	20.0	22.6	2	1	77.0	10.3
3 011	53	44	24	31	9.0	27.0	23.1	19.2	53	17.2	73	1272	14.6	34.1	26.6	1	2	56.0	6.8
3 014	68	60	4	11	6.7	61.0	11.1	19.9	17	16.1	39	68	11.4	20.3	22.3	2	2	65.0	6.5
3 018	71	60	30	41	9.0	27.0	20.0	26.9	56	16.8	73	1680	13.9	30.1	24.2	1	2	68.0	6.7
3 019	58	46	7	15	5.2	50.0	7.6	18.4	28	21.0	50	196	11.6	17.1	26.1	2	2	60.0	8.4
3 020	77	60	25	38	5.7	40.0	12.3	17.8	39	13.9	60	1014	11.8	21.0	18.6	1	2	74.0	8.0
3 021	62	48	23	34	6.6	23.0	24.0	25.0	57	17.2	77	1311	14.3	34.2	26.7	1	2	63.0	5.6
3 033	71	60	34	42	7.3	20.0	27.4	17.3	66	18.0	80	2244	12.0	34.9	27.4	1	2	68.0	8.3
3 035	66	37	28	37	8.4	28.0	25.7	8.3	62	9.9	72	1736	11.3	33.6	17.4	1	2	77.0	5.5
3 036	50	36	23	32	8.0	37.0	21.3	12.9	47	9.6	63	1081	12.5	29.8	16.4	1	2	71.0	5.1
3 038	67	55	32	42	4.3	27.0	13.9	27.0	38	20.6	73	1216	17.4	26.9	28.5	1	2	66.0	6.0
3 041	70	57	30	42	7.0	30.0	25.3	24.2	55	15.7	70	1650	12.9	34.9	23.1	1	1	68.0	7.0
3 042	79	69	22	31	6.1	47.0	14.2	17.8	30	15.6	53	660	14.7	24.5	22.6	1	1	74.0	5.2
3 043	46	30	29	38	7.0	39.0	17.7	20.7	41	15.7	61	1189	13.7	27.1	23.3	1	2	62.0	5.0
3 044	56	34	26	33	7.7	37.0	16.9	29.2	39	14.3	63	1014	15.1	28.5	27.4	1	2	69.0	4.0
3 045	58	34	28	37	8.7	31.0	22.3	16.8	51	11.7	69	1428	11.4	33.1	21.9	1	2	72.0	5.0
3 046	62	40	21	28	10.9	20.0	26.8	25.2	60	16.0	80	1260	12.6	39.8	28.5	1	2	69.0	4.0
3 047	57	33	18	25	10.9	20.0	28.1	23.3	64	14.9	80	1152	14.5	40.5	25.7	2	2	72.0	4.0
3 048	54	33	28	37	7.1	20.0	27.6	24.2	64	15.5	80	1792	13.1	37.2	29.7	1	2	68.0	5.2
3 055	60	38	28	38	6.6	27.0	20.6	24.4	51	16.2	73	1428	13.2	32.6	24.0	1	2	69.0	6.0
3 056	61	40	16	22	7.3	22.0	10.6	36.1	41	16.1	78	656	22.0	29.6	23.5	2	2	68.0	5.6
3 057	61	36	20	25	8.3	18.0	21.4	37.7	52	21.1	82	1696	16.7	35.5	32.1	1	2	72.0	3.0
3 058	55	34	15	23	6.3	18.0	16.6	28.8	48	22.1	82	720	16.5	29.8	31.9	2	2	68.0	4.2
3 059	54	36	27	34	13.5	22.0	20.2	31.9	53	18.7	78	1431	14.0	36.1	30.2	1	2	64.0	4.0
3 061	71	47	22	29	5.6	20.0	17.5	31.7	47	11.7	80	1034	17.6	29.8	21.9	1	2	73.0	6.4
3 062	58	37	22	29	8.8	36.0	16.9	14.2	43	10.8	64	946	14.2	26.0	16.5	1	2	67.0	4.3
3 063	64	37	20	31	6.5	48.0	14.7	7.7	38	9.7	52	760	10.7	22.4	14.1	1	2	75.0	6.9
3 065	60	40	34	42	9.3	33.0	19.4	18.6	53	10.2	67	1802	17.4	32.7	17.6	1	2	67.0	4.0
3 068	68	46	36	42	8.0	20.0	23.3	35.1	59	14.3	80	2124	13.9	34.1	27.4	1	1	71.0	4.0
3 069	79	51	19	32	3.8	59.0	7.4	13.5	23	10.3	41	437	11.7	15.3	12.4	1	1	79.0	7.0
3 072	74	47	6	12	7.4	24.0	14.9	29.9	25	10.5	76	150	19.9	28.0	19.2	2	1	76.0	5.5
3 073	76	49	14	26	5.5	46.0	11.8	22.0	27	12.5	54	378	17.3	23.4	21.2	2	1	77.0	8.8
3 075	64	43	34	42	8.9	23.0	25.3	21.1	57	8.7	77	1938	16.0	36.2	21.9	1	1	68.0	5.5
3 076	80	57	20	27	12.2	25.0	21.2	28.9	46	9.2	75	920	25.0	37.7	18.6	1	1	78.0	7.0
3 077	66	46	18	31	7.1	33.0	12.7	26.0	38	16.3	67	684	13.7	23.3	23.4	1	1	68.0	7.6
3 078	64	52	26	36	5.6	38.0	9.5	22.2	31	16.8	62	806	15.9	20.6	22.2	1	1	64.0	6.8
3 079	67	45	13	24	6.4	41.0	13.2	19.8	38	15.9	59	494	14.3	23.6	22.1	2	1	70.0	6.3
3 082	58	37	16	21	7.8	25.0	18.6	24.2	47	17.0	75	752	17.4	30.9	27.9	2	1	68.0	5.0
3 115	59	42	29	38	8.3	29.0	20.2	24.0	43	17.4	71	1247	14.9	32.2	26.4	1	1	64.0	5.0
3 116	66	40	20	36	8.7	30.0	20.7	22.7	48	19.9	70	960	11.9	30.9	26.9	1	1	74.0	10.0
3 117	69	50	14	21	8.8	36.0	10.8	23.2	24	17.9	64	336	17.2	24.1	25.9	2	1	69.0	4.0
3 118	66	52	24	34	8.5	38.0	13.4	23.6	32	17.4	62	768	16.1	25.9	27.7	1	1	65.0	6.0
3 119	62	59	21	28	6.6	40.0	10.9	21.1	29	18.4	60	609	16.3	23.6	25.2	1	1	60.0	4.0
3 120	69	42	27	36	7.9	42.0	12.4	21.6	28	16.4	58	756	15.9	25.2	24.4	1	1	75.0	5.0
3 121	69	51	30	42	8.0	27.0	23.8	23.8	53	16.4	73	1590	9.9	33.2	26.6	1	1	69.0	7.0
3 122	61	38	27	21	7.9	28.0	14.9	23.8	44	18.5	72	1188	15.8	26.9	23.3	1	1	70.0	7.0
3 123	76	66	21	34	7.5	30.0	18.8	27.0	34	18.8	70	714	12.6	28.8	25.7	1	1	72.0	7.0
3 124	72	49	27	35	7.9	21.0	14.8	25.1	55	18.1	79	1485	15.8	26.9	23.4	1	1	73.0	3.0
3 125	62	44	22	29	9.9	29.0	26.2	30.3	50	18.2	71	1100	15.6	38.3	26.3	1	1	66.0	3.0
3 126	61	35	22	33	7.9	36.0	15.7	27.6	41	19.4	64	902	16.1	28.5	28.0	1	1	74.0	6.0
3 127	81	48	18	27	6.7	36.0	13.5	26.6	43	19.2	64	774	15.2	25.3	25.8	1	1	83.0	5.0
3 128	70	41	31	42	5.2	20.0	24.6	25.6	58	16.4	80	1708	12.9	34.0	24.9	1	1	77.0	6.0
3 130	68	41	22	29	10.2	32.0	23.3	15.4	54	10.2	68	1188	12.2	34.6	17.5	1	1	75.0	5.0
3 131	59	34	30	42	6.4	40.0	17.9	15.3	44	16.0	60	1320	10.0	27.6	19.4	1	2	73.0	7.0
3 132	55	40	6	12	5.0	38.0	6.9	19.3	21	18.1	62	126	15.6	20.1	26.4	2	2	62.0	6.0
AVG	65	46	22	31	7.6	32.5	17.6	22.8	43	15.5	68	1034	14.7	28.8	23.7	1	2	69.6	5.9
CVR	12	21	34	28	25.0	31.6	32.4	26.6	28	21.6	15	51	18.8	20.4	17.8	35	33	7.7	27.3
MAX	82	69	36	42	13.5	61.0	28.1	37.7	66	22.1	82	2244	25.0	40.5	32.1	2	2	83.0	10.3
MIN	46	30	4	11	3.8	18.0	6.9	7.7	17	8.7	39	68	9.9	15.3	12.4	1	1	56.0	3.0
TOT	59	59	59	59	59.0	59.0	59.0	59.0	59	59.0	59	59	59.0	59.0	59.0	59	59	59.0	59.0

LINNARTZ, H. E.
1963 LOUISIANNA
LOBLOLLY PINE

SI-SITE INDEX
HT-HEIGHT
AG-AGE
DL-DEPTH LEAST PERM. LAYER
SA-SAND A HORIZON
CA-CLAY A HORIZON
SB-SAND B HORIZON
CB-CLAY B HORIZON
ID-INTERNAL DRAINAGE
SL-SLOPE
SP-PERCENT SLOPE
BA-BASAL AREA
DB-DBH

		SI	HT	AG	DL	SA	CA	SB	CB	ID	SL	SP	BA	DB
01	021	91	76	33	16	64	3	67	9	40	2	5.0	90.0	11.6
02	022	90	79	36	12	62	5	47	33	30	2	5.0	120.0	11.0
03	044	95	79	33	11	44	6	32	23	20	2	.5	90.0	11.5
04	047	87	79	39	35	29	8	26	11	10	3	0.	80.0	12.4
05	048	76	62	32	33	48	6	42	13	10	3	0.	110.0	10.6
06	079	91	76	33	15	30	5	18	26	20	2	3.0	120.0	10.6
07	080	92	77	33	8	60	4	50	16	30	3	.5	130.0	10.3
08	112	91	83	39	21	51	5	44	13	10	3	.5	140.0	10.7
09	113	96	85	37	9	41	8	44	11	10	3	0.	140.0	11.5
10	114	78	66	34	9	43	5	43	11	10	3	0.	150.0	8.3
11	129	97	78	31	27	48	5	43	11	20	3	0.	150.0	12.6
12	132	96	81	34	10	65	5	64	13	30	2	1.5	160.0	10.3
13	134	93	78	33	18	50	5	33	24	30	2	2.0	130.0	9.4
14	135	95	78	32	35	28	14	31	13	10	1	.5	130.0	9.8
15	138	91	76	33	7	46	5	38	19	30	2	4.5	130.0	10.6
16	139	94	77	32	9	64	4	50	16	30	2	1.0	120.0	9.8
17	140	94	76	31	24	61	7	56	12	10	3	.5	140.0	9.4
18	141	93	75	31	13	62	4	52	20	30	3	9.5	110.0	10.1
19	142	91	75	32	9	60	4	40	26	30	2	3.0	130.0	9.8
20	143	89	71	31	8	55	5	41	24	30	2	3.0	130.0	9.4
21	144	89	73	32	11	71	4	56	21	30	2	7.0	130.0	9.9
22	145	99	81	32	12	26	14	28	21	20	1	2.5	120.0	10.6
23	146	83	69	33	21	84	3	61	21	30	2	9.0	140.0	9.7
24	149	88	77	36	12	54	5	40	34	10	3	0.	140.0	10.9
25	151	91	75	32	7	72	5	64	18	40	2	1.0	130.0	9.7
26	152	92	81	36	23	44	4	39	14	10	3	0.	140.0	9.3
27	153	92	74	31	8	67	3	50	20	30	2	1.5	130.0	10.5
28	155	94	76	31	7	60	5	62	8	10	3	0.	140.0	10.3
29	156	101	84	33	21	62	5	59	10	20	3	0.	140.0	10.5
30	157	95	79	33	9	64	4	57	9	10	3	.5	140.0	10.3
31	161	92	79	35	7	75	4	59	23	30	2	5.5	150.0	10.7
32	163	95	75	30	20	82	4	74	19	30	2	5.5	150.0	10.3
33	166	88	84	43	24	62	5	58	10	10	3	.5	150.0	10.8
34	190	90	74	32	9	62	3	44	28	30	2	2.0	120.0	10.6
35	191	98	80	32	27	51	4	45	8	10	3	0.	130.0	10.4
36	192	95	93	47	13	54	5	49	10	20	3	.5	120.0	11.2
37	209	92	78	34	18	70	4	49	14	20	2	1.0	150.0	9.7
38	210	87	71	32	7	86	3	80	9	40	2	1.0	120.0	9.9
39	211	95	78	32	24	79	4	77	6	40	2	1.0	140.0	9.3
40	212	106	86	31	22	52	8	46	11	20	2	0.	140.0	11.2
41	216	109	89	32	25	38	4	44	16	20	1	3.0	110.0	11.7
42	217	95	78	32	35	81	5	85	7	20	1	4.5	110.0	10.8
AVG		93	78	34	16	57	5	50	16	22	2	2.8	129.5	10.4
CVR		6	7	10	53	27	45	29	44	45	28	91.8	13.4	8.2
MAX		109	93	47	35	86	14	85	34	40	3	9.5	160.0	12.6
MIN		76	62	30	7	26	3	18	6	10	1	.5	80.0	8.3
TOT		42	42	42	42	42	42	42	42	42	42	31.0	42.0	42.0

LINNARTZ, H. E.
LOBLOLLY PINE
1963 LOUISIANNA

SI-SITE INDEX

AG-AGE

SA-SAND A HORIZON

SB-SAND B HORIZON

ID-INTERNAL DRAINAGE

SD= SURFACE DRAINAGE

SP= SLOPE PERCENTAGE

DB-DBH

HT-HEIGHT

DL-DEPTH LEAST PERM. LAYER

CA-CLAY A HORIZON

CB-CLAY B HORIZON

SL-SLOPE

SL= SLOPE

BA= BASAL AREA

ME-MEQ

		SI	HT	AG	SA	CA	SB	CB	DL	SL	ID	SD	SL	SP	BA	DB	ME
01	001	94	82	36	21	12	11	15	19	1	10	6.5	8.0	3.0	.5	100.0	14.1
02	002	103	85	33	23	30	6	19	30	3	30	5.0	5.0	2.0	1.5	110.0	15.1
03	003	100	87	36	20	21	9	16	15	1	10	7.0	7.0	3.0	.5	110.0	13.5
04	004	102	86	34	24	29	8	21	23	3	30	5.0	4.5	2.0	1.0	80.0	13.8
05	005	110	92	34	23	26	16	21	26	2	20	4.5	4.5	3.0	1.0	110.0	14.8
06	006	96	92	45	13	26	8	16	38	2	20	5.0	7.5	3.0	1.0	110.0	13.0
07	007	100	103	54	9	38	6	28	14	3	30	5.0	5.5	2.0	1.0	100.0	16.7
08	011	95	79	33	19	64	6	52	16	3	30	5.5	5.0	2.0	6.0	100.0	15.4
09	012	100	86	35	9	58	6	46	19	2	20	5.0	4.5	2.0	2.5	80.0	15.8
10	013	110	120	66	17	21	11	10	28	2	20	5.0	5.0	3.0	0.	120.0	17.0
11	014	100	102	52	25	52	9	39	21	2	20	5.0	4.5	2.0	1.5	120.0	16.0
12	016	97	83	35	20	52	10	44	15	2	20	4.5	4.5	2.0	2.0	120.0	15.3
13	017	91	78	35	9	49	8	39	23	3	30	5.0	5.0	2.0	4.0	130.0	13.3
14	018	90	89	49	10	65	5	50	19	3	30	5.0	4.5	2.0	4.0	100.0	16.2
15	020	92	81	37	8	52	10	39	24	3	30	5.0	5.0	2.0	2.0	100.0	12.5
16	023	87	74	35	12	58	9	45	29	3	30	5.0	5.0	2.0	5.0	120.0	13.0
17	024	102	105	53	21	14	11	12	23	1	10	5.0	5.0	3.0	.5	110.0	14.3
18	025	98	97	49	26	51	9	45	14	2	20	5.0	5.0	3.0	1.0	120.0	15.2
19	028	94	82	36	9	21	13	16	24	3	30	5.5	5.0	2.0	3.0	130.0	13.8
20	030	92	82	38	7	45	10	32	21	3	30	5.5	5.0	2.0	5.0	130.0	11.1
21	032	97	76	30	8	74	8	40	46	3	30	5.0	5.0	2.0	8.0	140.0	11.0
22	034	81	71	36	8	44	9	26	39	3	30	5.0	5.0	2.0	3.0	140.0	11.3
23	035	112	95	34	13	41	8	20	18	2	20	6.0	5.5	3.0	0.	100.0	14.5
24	036	99	100	51	9	26	13	16	30	3	30	5.0	5.0	2.0	4.5	100.0	13.4
25	038	94	86	40	10	39	6	21	37	2	20	5.5	5.0	3.0	.5	140.0	12.6
26	040	83	82	49	10	19	8	10	46	0	20	5.0	6.5	2.0	1.0	90.0	12.0
27	042	90	84	42	9	18	8	15	40	0	20	5.0	6.0	2.0	.5	100.0	13.3
28	043	68	59	36	11	21	12	23	40	0	20	5.0	7.5	2.0	.5	110.0	9.1
29	046	93	86	41	10	19	11	20	38	0	20	6.0	8.0	2.0	4.0	120.0	12.2
30	051	94	86	40	19	22	6	12	21	0	20	5.0	5.0	3.0	0.	130.0	10.8
31	052	93	86	41	24	19	11	17	40	0	20	5.0	5.0	3.0	0.	140.0	11.5
32	053	107	100	42	11	19	14	15	39	0	20	5.0	5.0	2.0	2.5	160.0	12.2
33	054	89	78	37	22	36	11	45	18	0	10	5.0	6.0	3.0	0.	170.0	10.9
34	055	108	89	33	40	34	14	35	16	0	20	5.0	4.5	2.0	.5	150.0	11.3
35	056	93	90	45	28	11	16	8	15	0	10	5.5	5.0	3.0	0.	160.0	13.8
36	057	103	85	33	10	20	11	10	43	0	20	5.0	5.0	3.0	.5	110.0	11.4
37	062	83	72	36	20	21	8	15	25	0	10	5.0	6.5	3.0	0.	130.0	11.2
38	063	87	74	35	38	15	14	4	16	0	10	8.0	8.0	3.0	0.	90.0	15.4
39	066	94	87	41	7	41	15	40	33	0	30	5.0	5.0	2.0	2.0	130.0	11.0
40	073	98	84	35	17	69	9	67	15	0	20	5.0	5.5	2.0	2.0	100.0	10.4
41	075	92	75	32	10	60	8	45	28	0	30	5.0	5.0	2.0	5.5	150.0	10.7
42	076	90	73	32	12	66	6	55	18	0	30	5.0	5.0	2.0	2.0	110.0	12.8
43	081	81	69	35	9	69	8	48	26	0	30	5.5	5.5	2.0	4.0	130.0	11.0
44	083	95	76	31	9	86	6	80	5	0	40	5.0	5.0	2.0	2.5	130.0	10.2
45	084	90	79	37	19	69	8	62	21	0	10	5.0	5.0	2.0	2.0	130.0	12.0
46	087	91	77	34	10	48	13	40	15	0	30	5.0	5.0	2.0	2.0	140.0	10.8
47	088	78	65	34	8	38	24	26	30	0	30	5.0	5.0	2.0	3.0	110.0	9.7
48	089	88	73	33	12	66	4	58	21	3	3	5.5	5.0	2.0	5.0	120.0	10.7
49	092	92	78	34	33	52	10	42	21	0	10	5.0	5.0	1.0	0.	150.0	13.3
50	093	93	94	51	24	46	7	31	30	0	30	5.0	5.0	3.0	0.	130.0	12.8
51	094	96	96	48	22	14	10	21	20	0	30	5.0	5.0	2.0	2.5	150.0	14.9
52	095	89	78	37	4	15	11	13	26	0	10	5.0	5.0	2.0	1.0	110.0	10.1
53	097	92	81	37	12	11	11	11	30	0	20	5.5	5.0	3.0	0.	120.0	10.5
54	098	99	88	38	11	12	13	11	33	0	20	4.5	5.0	3.0	0.	140.0	12.6
55	099	104	92	37	15	14	14	9	36	0	20	5.0	5.0	3.0	.5	90.0	13.4
56	101	94	86	40	15	58	6	41	30	0	40	5.5	5.5	2.0	4.0	140.0	12.7
57	102	91	88	46	15	20	11	21	8	0	20	5.5	5.5	3.0	.5	90.0	12.5
58	103	104	105	51	14	9	14	9	26	0	20	5.0	6.0	3.0	1.1	130.0	13.4
59	106	100	99	48	15	10	10	10	26	0	30	4.5	5.0	2.0	1.0	120.0	12.2
60	110	101	84	33	8	45	14	15	18	0	20	5.0	5.0	2.0	1.0	140.0	9.9
61	118	90	76	34	9	19	10	20	14	0	20	5.0	5.5	2.0	1.0	140.0	10.1
62	119	108	108	50	18	15	11	13	19	0	20	5.0	5.5	3.0	.5	140.0	15.2
63	120	107	94	37	18	11	13	16	15	0	20	4.5	4.5	3.0	.5	140.0	11.9
64	125	95	75	30	23	26	15	32	15	0	20	4.5	4.5	3.0	0.	140.0	12.2
65	126	99	86	36	22	15	13	13	25	0	20	4.5	4.5	3.0	0.	140.0	11.2
66	130	95	75	30	27	39	14	38	10	0	20	5.0	5.0	3.0	0.	150.0	11.4
67	131	90	76	34	10	60	11	60	10	0	30	5.0	5.0	2.0	1.5	160.0	9.0
68	137	86	69	31	6	74	11	45	36	0	30	5.5	5.0	2.0	8.0	150.0	9.1
69	148	91	79	36	28	50	5	35	30	0	10	4.5	4.5	3.0	.5	140.0	11.1
70	150	104	82	31	7	29	14	16	41	0	20	4.5	5.0	2.0	1.0	110.0	9.8
71	154	91	77	34	8	39	11	34	13	0	30	5.0	5.0	2.0	1.0	140.0	10.1

72	162	68	57	34	8	60	11	46	23	0	30	5.5	5.0	2.0	2.5	110.0	10.1
73	164	94	79	34	25	24	11	21	19	0	20	5.0	4.5	3.0	0.	150.0	10.6
74	165	81	73	39	24	25	15	26	22	0	20	6.0	7.0	2.0	5.0	140.0	11.1
75	167	83	73	37	11	21	20	19	22	0	30	5.0	5.0	2.0	1.5	140.0	10.2
76	170	97	76	30	5	52	11	28	29	0	30	5.0	5.0	3.0	1.0	120.0	12.2
77	171	89	70	30	6	15	15	10	33	0	30	5.0	5.0	2.0	4.0	100.0	10.7
78	173	99	79	31	21	16	15	13	26	0	30	5.0	5.0	2.0	1.0	150.0	12.2
79	174	89	77	36	4	34	14	17	29	0	30	5.5	5.5	2.0	5.5	150.0	11.2
80	175	88	89	51	6	30	10	16	28	0	30	5.0	5.5	2.0	3.5	150.0	11.2
81	176	89	77	36	7	16	14	19	18	0	30	5.5	5.5	3.0	.5	140.0	11.1
82	178	91	73	31	6	19	14	9	36	0	30	5.5	6.5	2.0	2.0	140.0	10.3
83	179	88	80	40	19	11	11	14	15	0	20	5.0	5.0	3.0	.5	130.0	11.9
84	180	95	81	35	13	9	20	10	30	0	20	5.5	5.0	3.0	.5	120.0	11.1
85	181	106	106	50	22	10	15	9	20	0	30	5.5	5.5	2.0	2.5	110.0	13.9
86	183	96	78	32	8	50	9	29	26	0	30	5.0	5.0	2.0	4.0	105.0	10.6
87	184	87	71	32	9	51	6	19	31	0	30	5.5	5.5	2.0	.5	160.0	8.9
88	185	103	92	38	10	82	4	64	23	0	30	5.5	5.5	2.0	4.0	140.0	12.4
89	186	95	96	51	27	46	5	34	25	0	30	5.0	5.0	2.0	3.0	120.0	13.4
90	187	104	84	32	22	29	9	21	16	0	20	5.0	5.0	3.0	.5	120.0	11.0
91	188	91	79	36	8	50	6	33	25	0	30	5.0	5.5	2.0	3.5	140.0	9.9
92	189	103	91	37	22	30	6	23	18	0	20	5.0	5.0	2.0	2.0	150.0	12.2
93	193	86	75	37	11	41	9	25	33	0	30	5.5	5.5	2.0	7.0	150.0	10.2
94	194	94	76	32	10	29	9	12	35	0	30	5.5	5.5	2.0	5.0	150.0	12.7
95	195	98	82	34	6	21	9	28	34	0	30	5.5	5.0	2.0	1.5	140.0	11.7
96	197	87	79	40	10	61	6	11	29	0	30	5.0	5.0	2.0	1.5	90.0	12.3
97	198	85	67	30	8	23	6	23	31	0	30	5.0	5.0	2.0	2.0	110.0	8.7
98	199	95	89	43	23	48	9	13	21	0	30	5.5	5.5	3.0	.5	140.0	12.6
99	200	93	90	46	8	16	9	13	14	0	20	5.5	5.5	3.0	.5	130.0	13.1
100	201	89	87	47	15	16	9	11	14	0	20	5.0	5.5	3.0	.5	110.0	13.3
101	202	96	81	34	20	12	9	15	20	0	20	5.0	6.0	2.0	2.0	150.0	10.7
102	203	95	84	38	10	20	9	9	21	0	20	5.0	5.0	2.0	3.5	130.0	12.8
103	204	101	89	37	19	14	14	5	26	0	30	5.5	5.5	2.0	5.0	140.0	13.3
104	208	94	78	33	24	76	6	35	14	0	20	5.5	5.0	1.0	3.0	105.0	11.3
105	213	89	79	38	15	59	9	58	10	0	20	5.5	5.5	1.0	1.0	94.0	12.8
106	214	98	88	39	25	48	6	48	6	0	20	5.5	6.0	1.0	.5	130.0	12.1
107	215	110	93	34	25	19	36	75	6	0	20	5.5	5.5	1.0	3.0	130.0	13.6
108	218	93	84	39	25	55	10	10	18	0	20	5.0	5.5	2.0	2.0	150.0	10.7
109	219	82	73	38	34	29	13	9	25	0	20	5.0	5.5	2.0	4.0	150.0	11.9
AVG		96	83	38	15	35	11	27	24	2	24	5.2	5.3	2.3	2.3	126.4	12.2
CVR		8	12	18	51	56	41	63	38	29	30	9.2	13.8	24.0	79.3	16.0	15.0
MAX		112	120	66	40	86	36	80	46	3	40	8.0	8.0	3.0	8.0	170.0	17.0
MIN		68	57	30	4	9	4	4	5	1	3	4.5	4.5	1.0	.5	80.0	8.7
TOT		109	109	109	109	109	109	109	109	26	109	109.0	109.0	109.0	93.0	109.0	109.0

LINNARTZ. M. E.
LONGLEAF PINE
1963 LOUISIANNA

SI=SITE INDEX

AG=AGE

SA=SAND A HORIZON

SB=SAND B HORIZON

ID=INTERNAL DRAINAGE

SD= SURFACE DRAINAGE

SP= SLOPE PERCENTAGE

DB=DBH

HT=HEIGHT

DL=DEPTH LEAST PERM. LAYER

CA=CLAY A HORIZON

CB=CLAY B HORIZON

SL=SLOPE

SL= SLOPE

BA= BASAL AREA

		SI	HT	AG	SA	CA	SB	CB	DL	SL	ID	SD	SL	SP	BA	DB
01	08	64	62	47	49	7	41	20	10	6.0	30	30	2	6.0	130.0	13.1
02	09	71	69	47	32	5	21	29	16	5.0	30	30	2	5.0	90.0	12.0
03	10	74	61	35	8	9	19	28	11	2.0	30	30	2	1.5	120.0	10.2
04	26	66	70	56	40	6	25	34	7	5.0	30	30	2	5.0	120.0	9.6
05	27	70	71	51	18	5	31	19	9	2.0	30	30	2	2.5	150.0	11.0
06	33	72	68	44	30	10	19	34	9	3.0	30	30	2	3.5	170.0	10.4
07	37	65	64	48	62	8	38	45	8	11.0	30	40	2	9.0	90.0	11.1
08	39	77	75	47	42	3	23	32	10	.5	20	20	3	0.	100.0	11.0
09	41	78	77	48	10	4	9	41	9	.5	20	20	2	.5	100.0	10.9
10	45	80	66	35	20	9	42	13	19	.5	20	20	3	0.	130.0	8.8
11	49	80	78	47	55	6	54	9	38	.5	20	20	1	0.	100.0	11.7
12	50	78	77	48	32	10	38	17	20	1.0	20	30	2	1.0	160.0	10.2
13	58	76	62	35	4	10	24	26	9	10.0	30	30	2	1.0	130.0	9.4
14	59	73	61	36	31	7	36	36	11	7.0	30	40	2	7.0	130.0	9.9
15	60	63	57	41	25	5	16	32	10	1.0	30	30	2	1.0	100.0	10.6
16	61	68	67	48	52	5	23	41	39	6.0	30	40	2	6.0	130.0	10.4
17	64	70	65	43	27	8	26	24	9	6.0	30	40	2	4.0	120.0	10.3
18	65	78	61	33	30	9	24	31	36	4.0	30	30	2	4.0	100.0	10.0
19	67	78	60	32	22	4	16	17	16	.5	30	20	3	1.0	100.0	10.3
20	68	82	65	33	31	6	22	29	4	2.0	30	30	2	2.5	130.0	9.8
21	69	72	71	48	38	9	19	31	10	7.0	30	40	2	7.0	120.0	11.2
22	71	81	71	39	34	11	26	29	7	4.0	30	40	2	4.5	130.0	10.2
23	72	76	72	45	58	6	18	22	22	2.0	30	30	2	2.0	170.0	9.5
24	77	79	67	37	65	5	54	20	9	3.0	30	30	2	3.0	110.0	9.4
25	78	82	69	36	66	5	51	20	9	6.0	30	40	2	6.0	110.0	10.4
26	082	79	66	36	50	10	36	30	22	3.0	30	30	2	1.0	130.0	8.7
27	085	84	70	36	65	4	55	15	12	3.0	30	30	2	3.0	130.0	9.8
28	090	81	67	35	49	7	35	27	9	3.0	30	40	2	3.5	110.0	10.8
29	096	80	78	45	25	6	19	29	8	4.0	30	30	2	4.0	150.0	10.5
30	105	74	63	37	29	8	15	34	11	2.0	30	30	2	2.0	150.0	9.0
31	106	75	66	39	39	6	24	28	17	4.0	30	30	2	4.0	110.0	11.3
32	107	83	73	39	40	6	29	37	13	5.0	30	30	2	5.0	140.0	10.9
33	108	78	61	33	24	8	14	25	11	3.0	30	30	2	3.0	110.0	9.5
34	109	86	68	33	24	4	18	25	19	1.0	20	20	2	1.0	140.0	11.1
35	111	78	67	38	34	8	32	10	37	.5	20	20	3	0.	100.0	9.9
36	115	74	73	48	39	5	29	28	9	3.0	30	30	2	3.0	140.0	9.1
37	116	79	65	35	19	6	11	31	8	1.0	30	30	2	1.0	150.0	8.7
38	117	77	70	42	31	7	30	24	6	5.0	30	40	2	5.0	100.0	10.1
39	121	74	60	34	30	5	16	31	7	2.0	30	30	2	2.0	140.0	8.6
40	122	73	67	42	51	7	42	25	10	5.0	30	40	2	5.0	140.0	10.2
41	123	78	71	41	46	7	36	30	35	2.0	30	30	2	2.5	150.0	9.8
42	124	87	67	32	59	5	44	25	38	2.0	30	30	2	2.0	150.0	9.0
43	127	74	70	44	40	6	29	39	9	6.0	30	40	2	6.5	140.0	10.1
44	128	79	68	38	32	6	24	22	5	3.0	30	40	2	3.0	140.0	8.7
45	133	80	70	39	69	4	55	17	7	3.0	30	40	2	3.0	130.0	9.4
46	147	84	66	33	38	9	28	29	22	1.0	30	30	2	1.0	130.0	9.3
47	158	75	64	37	58	6	31	31	9	5.0	30	40	2	5.5	150.0	9.7
48	159	72	62	38	56	4	35	28	38	1.0	30	30	2	1.5	150.0	8.7
49	160	80	66	35	60	6	35	35	8	7.0	30	40	2	7.5	130.0	9.6
50	168	82	69	37	36	6	26	28	22	.5	30	30	2	.5	150.0	9.4
51	169	80	67	36	59	6	30	38	19	3.0	30	40	2	3.0	140.0	8.7
52	172	75	69	42	25	4	9	28	5	3.0	30	30	2	3.0	140.0	10.3
53	177	80	71	40	16	8	9	35	23	2.0	30	30	2	2.0	150.0	9.9
54	182	75	58	41	24	6	19	21	7	1.0	30	30	2	1.5	150.0	10.9
55	196	81	74	42	16	6	10	24	8	2.0	30	30	2	2.0	130.0	11.1
56	205	83	73	39	22	6	11	30	18	3.0	30	30	2	3.5	-0.	10.4
57	206	72	59	35	31	7	14	29	20	2.0	30	30	2	2.0	94.0	11.1
58	207	73	64	39	31	7	16	29	14	1.0	20	20	3	1.0	94.0	11.0
AVG		77	68	40	37	7	27	28	15	3.2	29	31	2	3.3	128.4	10.1
CVR		7	7	14	42	28	45	27	66	73.0	12	20	15	62.3	16.6	9.2
MAX		87	78	58	69	11	55	45	39	11.0	30	60	3	9.0	170.0	13.1
MIN		63	57	32	4	3	9	9	4	.5	20	20	1	.5	90.0	8.6
TOT		58	58	58	58	58	58	58	58	53.0	58	58	58	54.0	57.0	58.0

LINNARTZ, H. E.
LONGLEAF PINE
1963 LOUISIANNA

SI=SITE INDEX

AG=AGE

SA=SAND A HORIZON

SB=SAND B HORIZON

ID=INTERNAL DRAINAGE

SD= SURFACE DRAINAGE

SP= SLOPE PERCENTAGE

DB=DBH

HT=HEIGHT

DL=DEPTH LEAST PERM. LAYER

CA=CLAY A HORIZON

CB=CLAY B HORIZON

SL=SLOPE

SL= SLOPE

BA= BASAL AREA

ME=MEQ

		SI	HT	AG	SA	CA	SB	CB	DL	SL	ID	SD	SL	SP	BA	DB	ME
01	001	94	82	36	21	12	11	15	19	1	10	6.5	8.0	3.0	.5	100.0	14.1
02	002	103	85	33	23	30	6	19	30	3	30	5.0	5.0	2.0	1.5	110.0	15.1
03	003	100	87	36	20	21	9	16	15	1	10	7.0	7.0	3.0	.5	110.0	13.5
04	004	102	86	34	24	29	8	21	23	3	30	5.0	4.5	2.0	1.0	80.0	13.8
05	005	110	92	34	23	26	16	21	26	2	20	4.5	4.5	3.0	1.0	110.0	14.8
06	006	96	92	45	13	26	8	16	38	2	20	5.0	7.5	3.0	1.0	110.0	13.0
07	007	100	103	54	9	38	6	28	14	3	30	5.0	5.5	2.0	1.0	100.0	16.7
08	011	95	79	33	19	64	6	52	16	3	30	5.5	5.0	2.0	6.0	100.0	15.4
09	012	100	86	35	9	58	6	46	19	2	20	5.0	4.5	2.0	2.5	80.0	15.8
10	013	110	120	66	17	21	11	10	28	2	20	5.0	5.0	3.0	0.	120.0	17.0
11	014	100	103	52	25	52	9	39	21	2	20	5.0	4.5	2.0	1.5	120.0	16.0
12	016	97	83	35	20	52	10	44	15	2	20	4.5	4.5	2.0	2.0	120.0	15.3
13	017	91	79	35	9	49	8	39	23	3	30	5.0	5.0	2.0	4.0	130.0	13.3
14	018	90	89	40	10	65	5	50	19	3	30	5.0	4.5	2.0	4.0	100.0	16.2
15	020	92	81	37	8	52	10	39	24	3	30	5.0	5.0	2.0	2.0	100.0	12.5
16	023	87	74	35	12	58	9	45	29	3	30	5.0	5.0	2.0	5.0	120.0	13.0
17	024	102	105	53	21	14	11	12	23	1	10	5.0	5.0	3.0	.5	110.0	14.3
18	025	98	97	49	26	51	9	45	14	2	20	5.0	5.0	3.0	1.0	120.0	15.2
19	028	94	82	36	9	21	13	16	24	3	30	5.5	5.0	2.0	3.0	130.0	13.8
20	030	92	82	38	7	45	10	32	21	3	30	5.5	5.0	2.0	5.0	130.0	11.1
21	032	97	76	30	8	74	8	40	46	3	30	5.0	5.0	2.0	8.0	140.0	11.0
22	034	81	71	36	8	44	9	26	39	3	30	5.0	5.0	2.0	3.0	140.0	11.3
23	035	112	95	34	13	41	8	20	18	2	20	6.0	5.5	3.0	0.	100.0	14.5
24	036	99	100	51	9	26	13	16	30	3	30	5.0	5.0	2.0	4.5	100.0	13.4
25	038	94	86	40	10	39	6	21	37	2	20	5.5	5.0	3.0	.5	140.0	12.6
26	040	83	82	49	10	19	8	10	46	0	20	5.0	6.5	2.0	1.0	90.0	12.0
27	042	90	84	42	9	18	8	15	40	0	20	5.0	6.0	2.0	.5	100.0	13.3
28	043	68	59	36	11	21	12	23	40	0	20	5.0	7.5	2.0	.5	110.0	9.1
29	044	93	86	41	10	19	11	20	38	0	20	6.0	8.0	2.0	4.0	120.0	12.2
30	051	94	86	40	19	22	6	12	21	0	20	5.0	5.0	3.0	0.	130.0	10.8
31	052	93	86	41	24	19	11	17	40	0	20	5.0	5.0	3.0	0.	140.0	11.5
32	053	107	100	42	11	19	14	15	39	0	20	5.0	5.0	2.0	2.5	160.0	12.2
33	054	89	78	37	22	36	11	45	18	0	10	5.0	6.0	3.0	0.	170.0	10.9
34	055	108	89	33	40	34	14	35	16	0	20	5.0	4.5	2.0	.5	150.0	11.3
35	056	93	90	45	28	11	16	8	15	0	10	5.5	5.0	3.0	0.	160.0	13.8
36	057	103	85	33	10	20	11	10	43	0	20	5.0	5.0	3.0	.5	110.0	11.4
37	062	83	73	36	20	21	8	15	25	0	10	5.0	6.5	3.0	0.	130.0	11.2
38	063	87	74	35	38	15	14	4	16	0	10	8.0	8.0	3.0	0.	90.0	15.4
39	066	94	87	41	7	41	15	40	33	0	30	5.0	5.0	2.0	2.0	130.0	11.0
40	073	98	84	35	17	69	9	67	15	0	20	5.0	5.5	2.0	2.0	100.0	10.4
41	075	92	75	32	10	60	8	45	28	0	30	5.0	5.0	2.0	5.5	150.0	10.7
42	076	90	73	32	12	66	6	55	18	0	30	5.0	5.0	2.0	2.0	110.0	12.8
43	081	81	69	35	9	69	8	48	26	0	30	5.5	5.5	2.0	4.0	130.0	11.0
44	083	95	76	31	9	86	6	80	5	0	40	5.0	5.0	2.0	2.5	130.0	10.2
45	084	90	79	37	19	69	8	62	21	0	10	5.0	5.0	2.0	2.0	130.0	12.0
46	087	91	77	34	10	48	13	40	15	0	30	5.0	5.0	2.0	2.0	140.0	10.8
47	088	78	65	34	8	38	24	26	30	0	30	5.0	5.0	2.0	3.0	110.0	9.7
48	089	88	73	33	12	66	4	58	21	3	3	5.5	5.0	2.0	5.0	120.0	10.7
49	092	92	78	34	33	52	10	42	21	0	10	5.0	5.0	1.0	0.	150.0	13.3
50	093	93	94	51	24	46	7	31	30	0	30	5.0	5.0	3.0	0.	130.0	12.8
51	094	96	95	49	22	14	10	21	20	0	30	5.0	5.0	2.0	2.5	150.0	14.9
52	095	89	78	37	4	15	11	13	25	0	10	5.0	5.0	2.0	1.0	110.0	10.1
53	097	92	81	37	12	11	11	11	30	0	20	5.5	5.0	3.0	0.	120.0	10.5
54	098	99	88	38	11	12	13	11	33	0	20	4.5	5.0	3.0	0.	140.0	12.6
55	099	104	92	37	15	14	14	9	36	0	20	5.0	5.0	3.0	.5	90.0	13.4
56	101	94	86	40	15	58	6	41	30	0	40	5.5	5.5	2.0	4.0	140.0	12.7
57	102	91	88	46	15	20	11	21	8	0	20	5.5	5.5	3.0	.5	90.0	12.5
58	103	104	105	51	14	9	14	9	25	0	20	5.0	6.0	3.0	1.1	130.0	13.4
59	104	100	99	48	15	10	10	10	26	0	30	4.5	5.0	2.0	1.0	120.0	12.2
60	110	101	84	33	8	45	14	15	18	0	20	5.0	5.0	2.0	1.0	140.0	9.9
61	118	90	76	34	9	19	10	20	14	0	20	5.0	5.5	2.0	1.0	140.0	10.1
62	119	108	108	50	18	15	11	13	19	0	20	5.0	5.5	3.0	.5	140.0	15.2
63	120	107	94	37	18	11	13	16	15	0	20	4.5	4.5	3.0	.5	140.0	11.9
64	125	95	75	30	23	26	15	32	15	0	20	4.5	4.5	3.0	0.	140.0	12.2
65	126	99	86	34	22	15	13	13	25	0	20	4.5	4.5	3.0	0.	140.0	11.2
66	130	95	75	30	27	39	14	38	10	0	20	5.0	5.0	3.0	0.	150.0	11.4
67	131	90	76	34	10	60	11	60	10	0	30	5.0	5.0	2.0	1.5	160.0	9.0
68	137	86	69	31	6	74	11	45	36	0	30	5.5	5.0	2.0	8.0	150.0	9.1
69	148	91	79	36	28	50	6	35	30	0	10	4.5	4.5	3.0	.5	140.0	11.1
70	150	104	82	31	7	29	14	16	41	0	20	4.5	5.0	2.0	1.0	110.0	9.8
71	154	91	77	34	8	39	11	34	13	0	30	5.0	5.0	2.0	1.0	140.0	10.1
72	162	68	57	34	8	60	11	46	23	0	30	5.5	5.0	2.0	2.5	110.0	10.1

73	164	94	79	34	25	24	11	21	19	0	20	5.0	4.5	3.0	0.	150.0	10.6
74	165	81	73	38	24	25	15	26	22	0	20	6.0	7.0	2.0	5.0	140.0	11.1
75	167	83	73	37	11	21	20	19	22	0	30	5.0	5.0	2.0	1.5	140.0	10.2
76	170	97	76	30	5	52	11	28	29	0	30	5.0	5.0	3.0	1.0	120.0	12.2
77	171	89	70	30	6	15	15	10	33	0	30	5.0	5.0	2.0	4.0	100.0	10.7
78	173	99	79	31	21	16	15	13	26	0	30	5.0	5.0	2.0	1.0	150.0	12.2
79	174	89	77	35	4	34	14	17	29	0	30	5.5	5.5	2.0	5.5	150.0	11.2
80	175	88	89	51	6	30	10	16	28	0	30	5.0	5.5	2.0	3.5	150.0	11.2
81	176	89	77	36	7	16	14	19	18	0	30	5.5	5.5	3.0	.5	140.0	11.1
82	178	91	73	31	6	19	14	9	36	0	30	5.5	6.5	2.0	2.0	140.0	10.3
83	179	88	80	40	19	11	11	14	15	0	20	5.0	5.0	3.0	.5	130.0	11.9
84	180	95	81	35	13	9	20	10	30	0	20	5.5	5.0	3.0	.5	120.0	11.1
85	181	106	106	50	22	10	15	9	20	0	30	5.5	5.5	2.0	2.5	110.0	13.9
86	183	96	78	32	8	50	9	29	26	0	30	5.0	5.0	2.0	4.0	105.0	10.6
87	184	87	71	32	9	51	6	19	31	0	30	5.5	5.5	2.0	.5	160.0	8.9
88	185	103	92	38	10	82	4	64	23	0	30	5.5	5.5	2.0	4.0	140.0	12.4
89	186	95	96	51	27	46	5	34	25	0	30	5.0	5.0	2.0	3.0	120.0	13.4
90	187	104	84	32	22	29	9	21	16	0	20	5.0	5.0	3.0	.5	120.0	11.0
91	188	91	79	38	8	50	6	33	25	0	30	5.0	5.5	2.0	3.5	140.0	9.9
92	189	103	91	37	22	30	6	23	18	0	20	5.0	5.0	2.0	2.0	150.0	12.2
93	193	86	75	37	11	41	9	25	33	0	30	5.5	5.5	2.0	7.0	150.0	10.2
94	194	94	76	32	10	29	9	12	35	0	30	5.5	5.5	2.0	5.0	150.0	12.7
95	195	98	82	34	6	21	9	28	34	0	30	5.5	5.0	2.0	1.5	140.0	11.7
96	197	87	79	40	10	61	6	11	29	0	30	5.0	5.0	2.0	1.5	90.0	12.3
97	198	85	67	30	8	23	6	23	31	0	30	5.0	5.0	2.0	2.0	110.0	8.7
98	199	95	89	43	23	48	9	13	21	0	30	5.5	5.5	3.0	.5	140.0	12.6
99	200	93	90	46	8	16	9	13	14	0	20	5.5	5.5	3.0	.5	130.0	13.1
100	201	89	87	47	15	16	9	11	14	0	20	5.0	5.5	3.0	.5	110.0	13.3
101	202	96	81	34	20	12	9	15	20	0	20	5.0	6.0	2.0	2.0	150.0	10.7
102	203	95	84	38	10	20	9	9	21	0	20	5.0	5.0	2.0	3.5	130.0	12.8
103	204	101	89	37	19	14	14	5	26	0	30	5.5	5.5	2.0	5.0	140.0	13.3
104	208	94	78	33	24	76	6	35	14	0	20	5.5	5.0	1.0	3.0	105.0	11.3
105	213	89	79	38	15	59	9	58	10	0	20	5.5	5.5	1.0	1.0	94.0	12.8
106	214	98	88	39	25	48	6	48	6	0	20	5.5	6.0	1.0	.5	130.0	12.1
107	215	110	93	34	25	19	36	75	6	0	20	5.5	5.5	1.0	3.0	130.0	13.6
108	218	93	84	39	25	55	10	10	18	0	20	5.0	5.5	2.0	2.0	150.0	10.7
109	219	82	73	38	34	29	13	9	25	0	20	5.0	5.5	2.0	4.0	150.0	11.9
AVG		94	83	38	15	35	11	27	24	2	24	5.2	5.3	2.3	2.3	126.4	12.2
CVR		8	12	18	51	56	41	63	38	29	30	9.2	13.8	24.0	79.3	16.0	15.0
MAX		112	120	66	40	86	36	90	46	3	40	8.0	8.0	3.0	8.0	170.0	17.0
MIN		68	57	30	4	9	4	4	5	1	3	4.5	4.5	1.0	.5	80.0	8.7
TOT		109	109	109	109	109	109	109	109	26	109	109.0	109.0	109.0	93.0	109.0	109.0

LINNARTZ, H. E.
SLASH PINE
1963 LOUISIANNA

SI-SITE INDEX
HT-HEIGHT
AG-AGE
DL-DEPTH LEAST PERM. LAYER
SA-SAND A HORIZON
CA-CLAY A HORIZON
SB-SAND B HORIZON
CB-CLAY B HORIZON
ID-INTERNAL DRAINAGE
SL-SLOPE
SD= SURFACE DRAINAGE
SL= SLOPE
SP= SLOPE PERCENTAGE
BA= BASAL AREA
DB-DBH

		SI	HT	AG	SA	CA	SB	CB	DL	SL	ID	SD	SL	SP	BA	DB
01	08	64	62	47	49	7	41	20	10	6.0	30	30	2	6.0	130.0	13.1
02	09	71	69	47	32	5	21	29	16	5.0	30	30	2	5.0	90.0	12.0
03	10	74	61	35	8	9	19	28	11	2.0	30	30	2	1.5	120.0	10.2
04	26	66	70	56	40	6	25	34	7	5.0	30	30	2	5.0	120.0	9.6
05	27	70	71	51	18	5	31	19	9	2.0	30	30	2	2.5	150.0	11.0
06	33	72	68	44	30	10	19	34	9	3.0	30	30	2	3.5	170.0	10.4
07	37	65	64	48	62	8	38	45	8	11.0	30	40	2	9.0	90.0	11.1
08	39	77	75	47	42	3	23	32	10	.5	20	20	3	0.	100.0	11.0
09	41	78	77	48	18	4	9	41	9	.5	20	20	2	.5	100.0	10.9
10	45	80	66	35	20	9	42	13	19	.5	20	20	3	0.	130.0	8.8
11	49	80	78	47	55	6	54	9	38	.5	20	20	1	0.	100.0	11.7
12	50	78	77	48	32	10	38	17	20	1.0	20	30	2	1.0	160.0	10.2
13	58	76	62	35	4	10	24	26	9	10.0	30	30	2	1.0	130.0	9.4
14	59	73	61	36	31	7	36	36	11	7.0	30	40	2	7.0	130.0	9.9
15	60	63	57	41	25	5	16	32	10	1.0	30	30	2	1.0	100.0	10.6
16	61	68	67	48	52	5	23	41	39	6.0	30	40	2	6.0	130.0	10.4
17	64	70	65	43	27	8	26	24	9	4.0	30	40	2	4.0	120.0	10.3
18	65	78	61	33	30	9	24	31	36	4.0	30	30	2	4.0	100.0	10.0
19	67	78	60	32	22	4	16	17	16	.5	30	20	3	1.0	100.0	10.3
20	68	82	65	33	31	6	22	29	4	2.0	30	30	2	2.5	130.0	9.8
21	69	72	71	48	38	9	19	31	10	7.0	30	40	2	7.0	120.0	11.2
22	71	81	71	39	39	11	26	29	7	4.0	30	40	2	4.5	130.0	10.2
23	72	76	72	45	58	6	18	22	22	2.0	30	30	2	2.0	170.0	9.5
24	77	79	67	37	65	5	54	20	9	3.0	30	30	2	3.0	110.0	9.4
25	78	82	69	36	66	5	51	20	9	6.0	30	40	2	6.0	110.0	10.4
26	082	79	66	36	50	10	36	30	22	3.0	30	30	2	1.0	130.0	8.7
27	085	84	70	36	65	4	55	15	12	3.0	30	30	2	3.0	130.0	9.8
28	090	81	67	35	49	7	35	27	9	3.0	30	40	2	3.5	110.0	10.8
29	096	80	76	45	25	6	19	29	8	4.0	30	30	2	4.0	150.0	10.5
30	105	74	63	37	29	8	15	34	11	2.0	30	30	2	2.0	150.0	9.0
31	106	75	66	39	39	6	24	28	17	4.0	30	30	2	4.0	110.0	11.3
32	107	83	73	39	40	6	29	37	13	5.0	30	30	2	5.0	140.0	10.9
33	108	78	61	33	24	8	14	25	11	3.0	30	30	2	3.0	110.0	9.5
34	109	86	68	33	24	4	18	25	19	1.0	20	20	2	1.0	140.0	11.1
35	111	78	67	38	34	8	32	10	37	.5	20	20	3	0.	100.0	9.9
36	115	74	73	48	39	5	29	28	9	3.0	30	30	2	3.0	140.0	9.1
37	116	79	65	35	19	6	11	31	8	1.0	30	30	2	1.0	150.0	8.7
38	117	77	70	42	31	7	30	24	6	5.0	30	40	2	5.0	100.0	10.1
39	121	74	60	34	30	5	16	31	7	2.0	30	30	2	2.0	140.0	8.6
40	122	73	67	42	51	7	42	25	10	5.0	30	40	2	5.0	140.0	10.2
41	123	78	71	41	46	7	36	30	35	2.0	30	30	2	2.5	150.0	9.8
42	124	87	67	32	59	5	44	25	38	2.0	30	30	2	2.0	150.0	9.0
43	127	74	70	44	40	6	29	39	9	6.0	30	40	2	6.5	140.0	10.1
44	128	79	68	38	32	6	24	22	5	3.0	30	40	2	3.0	140.0	8.7
45	133	80	70	39	69	4	55	17	7	3.0	30	40	2	3.0	130.0	9.4
46	147	84	66	33	38	9	28	29	22	1.0	30	30	2	1.0	130.0	9.3
47	158	75	64	37	58	6	31	31	9	5.0	30	40	2	5.5	150.0	9.7
48	159	72	62	38	56	4	35	28	38	1.0	30	30	2	1.5	150.0	8.7
49	160	80	66	35	60	6	35	35	8	7.0	30	40	2	7.5	130.0	9.6
50	168	82	69	37	36	6	26	28	22	.5	30	30	2	.5	150.0	9.4
51	169	80	67	36	59	6	30	38	19	3.0	30	40	2	3.0	160.0	8.7
52	172	75	69	42	25	4	9	28	5	3.0	30	30	2	3.0	140.0	10.3
53	177	80	71	40	16	8	9	35	23	2.0	30	30	2	2.0	150.0	9.9
54	182	75	68	41	24	6	19	21	7	1.0	30	30	2	1.5	150.0	10.9
55	196	81	74	42	16	6	10	24	8	2.0	30	30	2	2.0	130.0	11.1
56	205	83	73	39	22	6	11	30	18	3.0	30	30	2	3.5	-0.	10.4
57	206	72	59	35	31	7	14	29	20	2.0	30	30	2	2.0	94.0	11.1
58	207	73	64	39	31	7	16	29	14	1.0	20	20	3	1.0	94.0	11.0
AVG		77	68	40	37	7	27	28	15	3.2	29	31	2	3.3	128.4	10.1
CVR		7	7	14	42	28	45	27	66	73.0	12	20	15	62.3	16.6	9.2
MAX		87	78	56	69	11	55	45	39	11.0	30	40	3	9.0	170.0	13.1
MIN		63	57	32	4	3	9	9	4	.5	20	20	1	.5	90.0	8.6
TOT		58	58	58	58	58	58	58	58	58.0	58	58	58	54.0	57.0	58.0

LINNARTZ, H. E.
1963 LOUISIANNA
SLASH PINE

SI-SITE INDEX

AG-AGE

SA-SAND A HORIZON

SB-SAND B HORIZON

ID-INTERNAL DRAINAGE

SP-PERCENT SLOPE

DB-DBH

HT-HEIGHT

DL-DEPTH LEAST PERM. LAYER

CA-CLAY A HORIZON

CB-CLAY B HORIZON

SL-SLOPE

BA-BASAL AREA

		SI	HT	AG	DL	SA	CA	SB	CB	ID	SL	SP	BA	DB
01	021	91	76	33	16	64	3	67	9	40	2	5.0	90.0	11.6
02	022	90	79	36	12	62	5	47	33	30	2	5.0	120.0	11.0
03	044	95	79	33	11	44	6	32	23	20	2	.5	90.0	11.5
04	047	87	79	39	35	29	8	26	11	10	3	0.	80.0	12.4
05	048	76	62	32	33	48	6	42	13	10	3	0.	110.0	10.6
06	079	91	76	33	15	30	5	18	26	20	2	3.0	120.0	10.6
07	080	92	77	33	8	60	4	50	16	30	3	.5	130.0	10.3
08	112	91	83	39	21	51	5	44	13	10	3	.5	140.0	10.7
09	113	96	85	37	9	41	8	44	11	10	3	0.	140.0	11.5
10	114	78	66	34	9	43	5	43	11	10	3	0.	150.0	8.3
11	129	97	78	31	27	48	5	43	11	20	3	0.	150.0	12.6
12	132	96	81	34	10	65	5	64	13	30	2	1.5	160.0	10.3
13	134	93	78	33	18	50	5	33	24	30	2	2.0	130.0	9.4
14	135	95	78	32	35	28	14	31	13	10	1	.5	130.0	9.8
15	138	91	76	33	7	46	5	38	19	30	2	4.5	130.0	10.6
16	139	94	77	32	9	64	4	50	16	30	2	1.0	120.0	9.8
17	140	94	76	31	24	61	7	56	12	10	3	.5	140.0	9.4
18	141	93	75	31	13	62	4	52	20	30	3	9.5	110.0	10.1
19	142	91	75	32	9	60	4	40	26	30	2	3.0	130.0	9.8
20	143	89	71	31	8	55	5	41	24	30	2	3.0	130.0	9.4
21	144	89	73	32	11	71	4	56	21	30	2	7.0	130.0	9.9
22	145	99	81	32	12	26	14	28	21	20	1	2.5	120.0	10.6
23	146	83	69	33	21	84	3	61	21	30	2	9.0	140.0	9.7
24	149	88	77	36	12	54	5	40	34	10	3	0.	140.0	10.9
25	151	91	75	32	7	72	5	64	18	40	2	1.0	130.0	9.7
26	152	92	81	36	23	44	4	39	14	10	3	0.	140.0	9.3
27	153	92	74	31	8	67	3	50	20	30	2	1.5	130.0	10.5
28	155	94	76	31	7	60	5	62	8	10	3	0.	140.0	10.3
29	156	101	84	33	21	62	5	59	10	20	3	0.	140.0	10.5
30	157	95	79	33	9	64	4	57	9	10	3	.5	140.0	10.3
31	161	92	79	35	7	75	4	59	23	30	2	5.5	150.0	10.7
32	163	95	75	30	20	82	4	74	19	30	2	5.5	150.0	10.3
33	166	88	84	43	24	62	5	58	10	10	3	.5	150.0	10.8
34	190	90	74	32	9	62	3	44	28	30	2	2.0	120.0	10.6
35	191	98	80	32	27	51	4	45	8	10	3	0.	130.0	10.4
36	192	95	93	47	13	54	5	49	10	20	3	.5	120.0	11.2
37	209	92	78	34	18	70	4	49	14	20	2	1.0	150.0	9.7
38	210	87	71	32	7	86	3	80	9	40	2	1.0	120.0	9.9
39	211	95	78	32	24	79	4	77	6	40	2	1.0	140.0	9.3
40	212	106	86	31	22	52	8	46	11	20	2	0.	140.0	11.2
41	216	109	89	32	25	38	4	44	16	20	1	3.0	110.0	11.7
42	217	95	78	32	35	81	5	85	7	20	1	4.5	110.0	10.8
AVG		93	78	34	16	57	5	50	16	22	2	2.8	129.5	10.4
CVR		6	7	10	53	27	45	29	44	45	28	91.8	13.4	8.2
MAX		109	93	47	35	86	14	85	34	40	3	9.5	160.0	12.6
MIN		76	62	30	7	28	3	18	6	10	1	.5	80.0	8.3
TOT		42	42	42	42	42	42	42	42	42	42	31.0	42.0	42.0

MCCLURKIN, D.C.
WHITE OAK
MISSISSIPPI AND TENNESSEE, 1963

SI-SITE INDEX
H-HEIGHT
AB-AGE AT BREAST HEIGHT
AS-AGE OF STUMP
SD-STAND DENSITY (STEMS/ACRE)
BA-BASAL AREA (SQ. FT/ACRE)
A-ASPECT (DEGREES)
S-SLOPE (PERCENT)
SP-SLOPE POSITION
DR-DISTANCE TO RIDGE (FEET)
DB-DISTANCE TO BOTTOM (FEET)
DH-DEPTH TO LEAST PERMANENT HORIZON
DM-DEPTH TO MOTTLING
DRL-DEPTH TO SIGNIFICANT ROCK LAYER
T1-THICKNESS HORIZON 1
SA1-PERCENT SAND HORIZON 1
SI1-PERCENT SILT HORIZON 1
CL1-PERCENT CLAY HORIZON 1
WR1-WATER RETENT. 15 ATM. HORIZON 1

	SI	H	AB	AS	SD	BA	A	S	SP	DR	DB	DH	DM	DRL	T1	SA1	SI1	CL1	WR1
01-1 1	82	90	78	-0	155	110	82	10	3	175	120	9	18	-0	-0	-0	-0	-0	-0.
02-1 1	77	86	78	-0	130	88	195	17	2	100	240	6	6	-0	-0	-0	-0	-0	-0.
03-1 2	65	68	56	58	170	82	350	15	2	360	14	48	24	14	8	17	63	20	5.81
04-1 2	68	71	54	56	165	71	5	9	2	150	90	48	20	20	10	37	50	13	5.35
05-1 2	53	52	44	46	185	54	60	17	1	120	380	48	10	-0	10	54	36	10	4.60
06-1 2	67	68	51	53	185	68	90	9	2	400	400	48	24	18	10	60	27	13	5.87
07-1 2	58	58	48	50	250	71	90	6	2	375	600	30	48	18	10	22	60	18	6.67
08-1 2	56	56	49	51	195	64	0	0	1	0	-0	12	48	-0	7	20	64	16	3.25
09-1 3	60	56	39	41	100	49	5	12	2	180	180	5	14	-0	5	32	50	18	7.20
10-1 3	69	56	28	30	120	56	300	15	2	180	200	9	48	-0	5	64	26	10	5.64
11-1 3	58	59	52	-0	230	101	315	21	1	100	500	6	17	-0	5	40	42	18	6.38
12-1 4	70	48	21	23	170	62	0	0	3	-0	0	48	19	-0	12	14	74	12	4.60
13-1 1	83	70	30	-0	180	102	320	35	1	30	225	9	39	-0	8	46	38	16	5.22
14-1 5	61	51	30	31	135	42	280	10	1	0	120	10	19	-0	8	65	23	12	3.25
15-1 5	62	63	51	52	110	69	5	31	2	60	75	5	15	-0	5	42	32	26	12.53
16-1 5	59	58	38	49	125	40	320	10	2	60	100	20	17	-0	8	30	58	12	4.24
17-1 1	48	47	43	46	160	60	355	19	1	60	350	4	16	-0	4	40	42	18	8.93
18-1 6	67	66	48	49	165	64	175	13	3	156	100	8	8	-0	7	68	21	11	5.17
19-1 6	60	50	31	32	150	52	185	18	1	50	130	5	12	-0	5	68	22	10	9.36
20-1 7	49	40	28	30	95	39	160	17	2	120	120	8	15	-0	5	56	28	16	10.16
21-1 7	63	58	40	40	175	52	295	8	3	90	70	48	41	-0	5	55	33	12	5.74
22-1 7	61	53	34	35	115	46	353	12	1	240	360	18	18	-0	4	54	32	14	6.90
23-1 8	51	41	27	29	75	26	325	16	1	60	25	5	13	-0	5	42	47	11	7.84
24-1 5	66	57	33	-0	115	47	310	10	2	150	210	48	23	-0	4	29	62	9	7.14
25-1 5	64	65	50	-0	130	69	305	7	2	150	270	48	14	-0	14	24	62	14	4.70
26-1 9	59	51	33	35	215	74	275	20	2	240	100	12	12	-0	4	58	18	24	4.00
27-1 9	69	60	34	35	145	65	285	15	2	120	120	4	12	-0	4	42	42	16	8.23
28-1 1	64	56	35	35	135	40	90	43	3	125	50	6	6	-0	8	57	28	15	5.04
29-1 1	67	59	36	36	195	99	305	22	1	75	75	11	16	-0	4	46	38	16	7.68
30-1 3	70	58	30	31	165	66	80	12	2	140	60	9	31	16	9	34	54	12	6.60
31-1 3	75	71	42	43	170	77	5	19	2	54	100	10	20	34	10	28	58	14	3.77
32-1 3	61	52	31	33	225	71	30	12	1	50	210	8	8	28	8	40	49	11	4.90
33-1 3	53	49	35	39	150	50	40	7	1	90	120	8	24	22	8	23	64	13	4.46
34-1 3	68	65	42	44	185	82	300	15	2	180	60	13	26	1	10	24	63	13	4.74
35-1 3	50	46	35	39	100	38	270	16	3	72	60	6	6	6	6	22	58	20	9.17
36-1 3	67	68	45	46	145	80	200	26	3	100	30	6	15	24	6	63	26	11	7.92
37-1 3	70	60	32	33	195	62	0	17	3	200	120	11	36	-0	7	58	31	11	4.00
38-1 8	58	50	33	34	180	62	350	10	1	100	300	11	24	-0	8	26	60	14	4.22
39-1 10	57	48	33	34	145	49	55	27	1	75	150	48	24	-0	5	66	26	8	2.88
40-1 10	71	65	39	39	170	81	355	22	1	40	50	48	24	-0	16	26	59	15	4.02
41-1 10	60	53	36	36	185	59	40	30	1	60	125	48	16	-0	5	55	37	8	6.05
42-1 10	65	56	33	34	200	66	155	20	2	75	60	20	20	-0	4	70	24	6	5.13
43-1 7	66	64	45	47	235	82	130	28	2	200	90	1	17	-0	4	45	29	26	12.36
44-1 10	50	48	42	43	180	56	160	9	1	50	400	9	17	44	5	38	50	12	4.93
45-1 3	58	50	30	35	175	67	275	10	3	125	50	21	21	-0	6	56	32	12	4.32
AVG	63	58	40	40	162	65	197	17	2	132	168	19	20	20	7	43	43	14	6.07
CVR	13	18	29	21	24	28	62	49	41	67	82	90	53	57	41	38	36	32	37.34
MAX	83	90	78	58	250	110	355	43	3	400	600	48	48	44	16	70	74	26	12.53
MIN	48	40	21	23	75	26	5	6	1	30	14	1	6	1	4	14	18	6	2.88
TOT	45	45	45	39	45	45	42	43	45	42	43	45	45	12	43	43	43	43	43.00

MCCLURKIN, D.C.
WHITE OAK
MISSISSIPPI AND TENNESSEE, 1963

T2-THICKNESS HORIZON 2

SI2-PERCENT SILT HORIZON 2

WR2-WATER RETENT. 15 ATM. HORIZON 2

SA3-PERCENT SAND HORIZON 3

CL3-PERCENT CLAY HORIZON 3

T4-THICKNESS HORIZON 4

SI4-PERCENT SILT HORIZON 4

WR4-WATER RETENT. 15 ATM. HORIZON 4

SA5-PERCENT SAND HORIZON 5

CL5-PERCENT CLAY HORIZON 5

SA2-PERCENT SAND HORIZON 2

CL2-PERCENT CLAY HORIZON 2

T3-THICKNESS HORIZON 3

SI3-PERCENT SILT HORIZON 3

WR3-WATER RETENT. 15 ATM. HORIZON 3

SA4-PERCENT SAND HORIZON 4

CL4-PERCENT CLAY HORIZON 4

T5-THICKNESS HORIZON 5

SI5-PERCENT SILT HORIZON 5

WR5-WATER RETENT. 15 ATM. HORIZON 5

	T2	SA2	SI2	CL2	WR2	T3	SA3	SI3	CL3	WR3	T4	SA4	SI4	CL4	WR4	T5	SA5	SI5	CL5	WR5
01-2	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
02-2	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
03-2	6	12	64	24	5.38	7	13	57	30	8.29	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
04-2	10	32	48	20	5.20	14	31	39	30	8.24	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
05-2	11	40	27	33	9.99	1	54	22	24	7.47	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
06-2	8	58	26	16	3.21	6	60	22	18	5.65	6	40	29	31	8.70	-0	-0	-0	-0	-0.
07-2	10	12	58	30	7.89	10	14	50	36	10.74	8	13	49	38	15.16	-0	-0	-0	-0	-0.
08-2	5	12	58	30	7.41	18	10	50	40	12.06	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
09-2	9	32	28	42	18.32	10	37	22	41	18.56	10	50	20	30	16.89	-0	-0	-0	-0	-0.
10-2	4	56	26	18	6.50	20	34	19	47	16.60	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
11-2	12	32	31	37	13.68	10	42	22	36	15.61	10	44	22	34	18.03	-0	-0	-0	-0	-0.
12-2	7	15	68	17	6.01	14	14	60	26	9.54	10	16	62	22	8.74	-0	-0	-0	-0	-0.
13-2	14	33	23	44	13.98	16	60	16	24	12.52	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
14-2	11	43	11	46	16.59	20	45	9	46	3.04	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
15-2	10	12	31	57	23.56	11	17	34	49	24.47	23	16	38	46	22.27	-0	-0	-0	-0	-0.
16-2	9	24	44	32	10.96	10	30	31	39	14.25	10	26	27	47	16.18	-0	-0	-0	-0	-0.
17-2	12	26	22	52	20.31	12	26	30	44	22.94	12	12	28	60	25.77	12	32	35	33	19.11
18-2	16	41	15	44	16.57	12	41	15	44	17.83	11	42	19	39	16.85	1	61	11	28	13.60
19-2	12	48	14	38	15.62	31	58	18	24	12.70	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
20-2	10	40	18	42	15.56	12	39	23	38	13.91	20	40	20	40	17.44	-0	-0	-0	-0	-0.
21-2	11	48	34	18	4.84	25	50	24	26	7.68	7	48	24	28	9.50	-0	-0	-0	-0	-0.
22-2	14	46	23	31	11.74	12	58	14	28	12.82	18	45	23	32	15.20	4	24	45	31	26.29
23-2	8	30	30	40	15.20	8	22	33	45	18.26	15	20	17	63	25.21	-0	-0	-0	-0	-0.
24-2	4	18	65	17	5.77	12	13	57	30	10.52	28	16	58	26	9.14	-0	-0	-0	-0	-0.
25-2	22	12	58	30	10.16	12	16	58	26	8.72	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
26-2	8	41	48	11	10.56	9	33	35	32	14.24	16	24	24	52	17.46	10	15	31	54	22.62
27-2	8	21	31	48	17.91	18	18	30	52	21.18	18	24	33	43	20.03	-0	-0	-0	-0	-0.
28-2	10	24	31	45	14.64	26	30	26	24	15.00	8	22	30	48	16.30	-0	-0	-0	-0	-0.
29-2	12	28	24	48	18.95	13	28	24	48	25.06	16	34	28	38	19.03	5	28	25	47	23.57
30-2	12	26	34	40	14.38	10	41	23	36	14.50	17	21	34	45	18.78	-0	-0	-0	-0	-0.
31-2	24	23	59	18	12.94	1	34	26	40	16.29	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
32-2	12	28	28	44	14.74	8	26	21	53	18.52	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
33-2	16	15	51	34	11.51	24	20	48	32	11.95	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
34-2	3	26	46	28	8.80	13	23	27	50	18.41	22	29	25	46	17.11	-0	-0	-0	-0	-0.
35-2	11	12	25	63	23.06	13	11	15	74	25.28	18	17	39	44	17.66	-0	-0	-0	-0	-0.
36-2	17	42	20	38	16.30	13	30	30	40	25.45	12	34	30	36	22.28	-0	-0	-0	-0	-0.
37-2	4	46	32	22	7.20	15	40	24	36	13.40	22	56	14	28	13.48	-0	-0	-0	-0	-0.
38-2	16	18	47	35	12.02	14	39	37	24	7.51	10	64	18	18	4.90	-0	-0	-0	-0	-0.
39-2	10	66	24	10	1.88	9	58	16	26	7.32	15	62	13	25	7.20	12	70	8	22	6.10
40-2	9	21	53	26	7.08	12	26	46	28	8.30	12	47	29	24	6.98	-0	-0	-0	-0	-0.
41-2	11	50	39	11	2.88	6	46	34	20	6.04	26	52	22	26	8.44	-0	-0	-0	-0	-0.
42-2	6	68	20	12	1.88	10	54	18	28	7.79	10	32	22	46	16.15	18	32	24	44	16.15
43-2	7	31	29	40	16.99	27	38	24	48	18.78	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
44-2	4	24	43	33	10.33	8	26	30	44	15.18	27	17	26	57	21.40	-0	-0	-0	-0	-0.
45-2	15	28	36	36	11.70	27	26	32	42	19.67	-0	-0	-0	-0	-0.	-0	-0	-0	-0	-0.
AVG	10	32	36	33	11.63	13	33	30	36	14.01	15	33	28	38	15.60	9	37	26	37	18.21
CVR	43	48	43	40	48.05	50	44	44	31	41.67	41	47	41	30	35.80	66	54	51	31	37.95
MAX	24	68	68	63	23.56	31	60	60	74	25.65	28	64	62	63	25.77	18	70	45	54	26.29
MIN	3	12	11	10	1.88	1	10	9	18	3.04	6	12	13	18	4.90	1	15	8	22	6.10
TOT	43	43	43	43	43.00	43	43	43	43	43.00	29	29	29	29	29.00	7	7	7	7	7.00

MC COMB, A.L.
OAKS AND PINES
1951 NORTHEASTERN IOWA

SI - SITE INDEX GP - GROWTH PERCENTAGE

AS - ASPECT TP - TOPOGRAPHIC POSITION

PS - PERCENT SLOPE SD - SOIL DEPTH

AG - AVE. AGE HT - AVE. HEIGHT

DB - DIAMETER BREAST HIGH

		SI	GP	AS	TP	PS	SD	AG	HT	DB
QU	01 020	57.0	1.68	45	2	31	20	62.75	64.75	13.25
QU	01 096	55.5	1.64	68	1	49	14	76.25	68.25	12.20
QU	01 025	55.0	1.66	23	2	39	13	73.75	66.25	11.85
QU	01 056	55.0	1.16	360	1	42	12	82.25	70.00	14.83
QU	01 052	52.0	1.78	315	2	58	6	73.75	62.50	11.10
QU	01 061	52.0	1.33	360	2	55	12	72.75	62.25	12.28
QU	01 064	50.0	1.27	90	3	35	8	76.50	61.00	12.95
QU	01 040	48.0	1.18	203	2	17	15	86.00	61.00	14.08
QU	01 031	47.0	1.48	45	3	24	5	72.50	57.25	12.40
QU	01 037	45.0	1.53	360	3	35	11	79.75	55.50	12.00
QU	01 048	42.0	1.30	203	2	32	6	80.25	52.75	11.55
QU	01 046	40.5	1.44	113	3	20	11	74.00	49.50	12.08
QU	01 044	40.0	1.22	180	3	28	6	93.00	52.25	12.25
QU	01 097	38.5	1.28	203	1	33	10	85.25	49.25	11.23
QU	01 050	37.0	1.55	270	3	24	8	70.50	44.00	9.75
QU	01 099	37.0	1.70	270	2	64	4	76.33	45.00	11.60
QU	01 022	35.5	2.33	158	3	25	6	63.80	40.50	9.83
QU	01 008	30.0	1.50	180	3	55	6	62.75	33.50	10.05
QU	01 018	28.0	1.30	225	1	55	4	68.75	33.75	8.30
QU	01 019	27.0	1.61	225	2	45	4	74.75	34.00	9.75
QU	01 043	60.0	1.86	68	1	62	8	53.40	62.40	11.58
QU	01 085	62.0	2.02	315	3	40	6	57.00	72.00	16.65
QU	01 098	66.0	2.54	270	2	64	4	45.00	58.67	12.80
QU	01 107	62.0	0.	293	1	57	26	77.00	90.50	0.
QU	01 106	58.0	0.	23	2	35	21	78.50	82.50	0.
QU	01 108	55.0	0.	293	3	54	20	78.00	79.50	0.
QU	01 105	48.0	0.	203	2	38	12	78.00	69.50	0.
QU	02 014	68.0	1.57	68	3	9	99	83.75	86.00	14.40
QU	02 013	63.0	1.47	68	3	16	99	74.75	76.75	12.98
QU	02 015	62.0	2.30	90	2	16	99	76.75	75.75	15.48
QU	02 017	62.0	1.97	23	2	15	99	96.00	80.75	14.80
QU	02 057	61.0	1.16	338	1	10	99	79.75	75.67	15.47
QU	02 030	60.0	1.58	23	2	10	99	77.00	74.00	11.90
QU	02 049	59.0	1.39	23	3	22	99	74.50	71.50	14.05
QU	02 051	57.0	1.40	90	3	5	99	72.50	68.00	12.83
QU	02 071	54.0	1.65	270	3	16	99	89.00	67.75	14.48
QU	02 102	50.0	1.47	203	3	6	99	77.00	60.50	14.90
QU	02 079	64.5	1.48	158	3	6	99	57.25	69.00	11.13
QU	02 033	58.0	2.89	338	3	22	99	48.75	57.25	14.58
QU	03 053	66.5	1.24	338	1	4	99	83.25	84.00	17.95
QU	03 093	65.5	1.46	23	1	8	99	85.00	83.00	15.83
QU	03 094	64.0	1.46	45	1	4	99	82.75	80.50	15.80
QU	03 041	63.5	1.50	135	1	8	99	88.50	80.25	14.78
QU	03 095	61.0	1.41	45	1	5	99	79.50	75.00	14.38
QU	04 072	66.5	1.00	23	1	21	99	85.25	84.50	18.30
QU	04 075	64.5	1.35	338	1	22	99	81.25	80.00	13.98
QU	04 005	63.5	1.45	90	1	41	99	72.50	76.00	20.08
QU	04 078	62.5	1.00	248	1	19	99	76.50	75.75	15.18
QU	04 058	59.5	1.12	360	2	40	99	83.75	74.50	13.30
QU	04 012	59.0	1.74	360	2	32	99	74.00	72.25	14.35
QU	04 062	58.0	2.96	68	1	33	99	71.25	69.50	14.20
QU	04 002	57.0	2.22	68	2	65	99	63.75	64.25	11.25
QU	04 009	57.0	1.40	225	1	42	99	76.25	69.75	14.40
QU	04 007	55.0	1.99	23	1	44	99	75.50	67.00	18.75
QU	04 066	55.0	1.25	90	1	10	99	75.75	67.00	13.63
QU	04 060	53.0	1.58	158	1	30	99	72.00	63.25	13.00
QU	04 021	53.0	1.88	68	2	14	99	63.50	61.25	12.48
QU	04 006	52.0	1.72	68	2	52	99	72.00	62.00	12.48
QU	04 059	46.0	1.28	203	1	11	99	80.75	57.50	13.83
QU	04 083	75.5	1.77	338	1	38	99	47.75	74.00	10.23
QU	05 035	61.0	1.82	23	2	20	26	76.50	74.00	13.78
QU	05 039	60.0	1.33	45	2	17	31	81.25	75.25	14.90
QU	05 024	56.0	1.47	338	3	19	20	76.75	68.25	14.90
QU	05 036	56.0	1.84	23	2	28	24	74.25	67.25	14.05
QU	05 063	56.0	1.38	90	2	20	20	83.00	70.00	13.45
QU	05 042	55.0	.93	90	3	26	25	85.50	70.00	13.95
QU	05 034	54.0	2.00	315	3	13	30	67.25	62.75	11.30
QU	05 080	54.0	1.51	113	3	12	28	75.25	66.25	11.65
QU	05 104	51.0	0.	293	3	24	30	150.00	70.00	19.10
QU	05 103	51.0	0.	270	2	19	13	120.00	69.00	16.05
QU	05 054	48.5	2.02	203	2	18	30	76.00	58.50	12.93
QU	05 016	70.0	3.27	338	2	15	25	49.25	70.00	12.55
QU	05 104	60.0	0.	293	3	24	30	80.00	88.75	18.40
QU	05 103	56.0	0.	270	2	19	33	76.00	78.70	16.30
QU	06 011	55.0	1.45	338	2	23	99	70.00	66.30	11.87
QU	06 010	48.0	1.99	338	2	18	99	77.75	60.00	10.18
QU	06 028	48.0	1.35	293	3	13	99	77.50	59.50	14.18

QU	06	027	44.0	1.63	315	2	33	99	72.50	53.25	11.80
QU	06	029	46.0	1.35	270	2	17	99	74.50	53.25	12.20
QU	06	069	37.0	1.93	315	3	15	99	66.75	43.75	14.23
QU	06	068	35.0	2.50	270	3	7	99	65.75	40.25	11.85
QU	06	084	51.0	2.92	270	3	8	99	36.75	40.25	10.73
QU	06	089	66.0	2.96	90	1	2	99	34.25	42.00	10.40
QU	06	090	77.0	3.08	90	1	2	99	34.50	51.50	10.38
QU	07	047	60.0	1.36	203	1	12	18	82.50	75.00	12.23
QU	07	100	56.5	1.37	45	1	12	24	89.25	72.50	19.45
QU	07	055	54.0	1.95	270	1	7	23	72.50	65.00	12.83
QU	07	023	53.5	1.84	180	1	12	18	69.20	63.50	11.15
QU	07	065	53.0	1.38	293	1	11	22	78.75	65.25	13.38
QU	07	081	45.0	1.81	113	1	5	20	77.00	56.50	14.23
QU	07	045	44.0	1.25	203	1	7	14	80.50	54.75	12.45
QU	08	088	36.0	2.12	45	3	13	6	73.00	43.75	10.33
QU	08	078	35.0	1.94	293	3	15	8	61.50	39.50	11.28
QU	08	032	34.0	1.73	270	3	5	6	71.25	42.00	10.15
QU	08	077	33.0	2.08	203	3	13	5	61.00	37.00	11.30
QU	08	086	33.0	1.23	203	3	15	4	84.30	42.75	12.47
QU	08	073	32.0	1.48	203	3	10	4	78.25	40.25	11.00
QU	08	074	31.0	1.36	180	3	15	5	81.00	40.00	13.03
QU	08	087	47.0	2.32	203	3	15	5	54.00	51.00	12.50
QU	09	101	42.0	2.23	360	4	1	20	71.75	50.25	14.15
QU	09	070	38.0	1.78	315	4	3	16	72.75	47.00	19.53
QU	09	001	35.0	1.14	90	4	3	20	78.25	43.00	26.58
QU	09	003	34.5	2.35	90	4	1	20	80.00	43.60	14.50
QU	09	004	33.0	2.16	113	4	3	10	60.00	37.50	18.10
QU	09	082	51.0	1.62	360	4	5	10	46.60	49.00	13.44
QU	09	038	54.0	4.46	315	4	2	9	33.00	38.50	9.45
QU	10	026	50.0	1.28	203	3	10	99	77.75	61.75	15.48
QU	10	067	50.0	1.35	203	1	19	36	83.75	63.00	13.03
QU	11	091	55.0	2.04	68	1	5	36	81.50	68.75	14.68
QU	12	092	48.0	1.04	203	3	6	99	70.20	65.00	15.80
QU	005	4	11.5	165.00	8502	76	703	255	366.30	-0.	-0.
QU	012	4	9.7	200.00	8502	86	3	365	331.00	-0.	-0.
QU	014	2	11.4	180.00	9404	54	704	835	451.80	-0.	-0.
QU	039	5	10.9	215.01	504	69	404	470	377.90	-0.	-0.
QU	047	7	8.3	285.00	9103	42	203	760	382.80	-0.	-0.
QU	048	1	8.6	255.00	8802	23	102	535	224.00	-0.	-0.
QU	051	2	11.0	175.00	8703	94	104	13	316.20	-0.	-0.
QU	052	1	8.3	185.00	6001	51	902	532	271.60	-0.	-0.
QU	057	2	10.0	250.01	804	64	604	302	379.60	-0.	-0.
QU	058	4	9.7	230.00	9003	48	903	877	383.40	-0.	-0.
QU	061	1	9.6	220.00	9002	66	802	964	277.60	-0.	-0.
QU	078	4	11.4	215.01	504	76	404	537	376.80	-0.	-0.
QU	080	5	9.9	245.01	3	2	203	22	303.70	-0.	-0.
QU	094	3	9.7	165.00	6803	59	903	807	415.70	-0.	-0.
PI	103	5	11.9	210.00	5	62	800	336	6000.00	-0.	-0.
PI	104	5	12.2	195.00	6	5	500	372	7000.00	-0.	-0.
AVG			46.4	30.21	846	9	85	107	206.17	61.98	13.52
CVR			37.0	242.70	265	224	234	173	392.86	22.49	20.11
MAX			77.0	285.00	9404	94	903	964	7000.00	90.50	26.58
MIN			8.3	.93	3	1	1	4	33.00	33.50	8.30
TOT			126.0	118.00	126	126	126	126	126.00	110.00	106.00

MC GEE
SLASH PINE
CARD 1

A = AGE
H = HEIGHT
SQ = SITE QUALITY
DAO = DEPTH AO
DA1 = DEPTH A1
TA1 = TEXTURE A1
CA1 = CONSISTENCE A1
IA1 = INTERNAL DRAINAGE A1
DA2 = DEPTH A2
TA2 = TEXTURE A2
CA2 = CONSISTENCE A2
IA2 = INTERNAL DRAINAGE A2
DB1 = DEPTH B1
TB1 = TEXTURE B1
CB1 = CONSISTENCE B1
IB1 = INTERNAL DRAINAGE B1
DB2 = DEPTH B2
TB2 = TEXTURE B2
CB2 = CONSISTENCE B2
IB2 = INTERNAL DRAINAGE B2

	A	H	SQ	DAO	DA1	TA1	CA1	IA1		DA2	TA2	CA2	IA2	DB1	TB1	CB1	IB1	DB2	TB2	CB2	IB2
001	14	43.7	65	0	8	1	1	1	8	44	1	1	1	4	404	2	1	-0	-0	-0	-0
002	14	46.6	68	0	8	4	1	2	8	27	4	1	2	2	706	4	2	-0	-0	-0	-0
003	18	61.2	73	0	10	1	1	1	10	42	1	1	1	4	205	2	1	-0	-0	-0	-0
004	18	53.5	66	0	7	1	1	2	7	37	1	1	2	3	702	2	-0	-0	-0	-0	-0
005	18	61.4	73	0	10	1	1	2	10	38	1	1	2	4	5	2	2	42	4	2	2
006	17	60.0	76	0	5	1	1	2	6	18	4	1	2	12	105	2	2	24	4	4	2
007	17	54.2	69	0	7	1	1	2	7	28	1	1	2	2	805	2	2	-0	-0	-0	-0
008	11	36.2	70	3	6	1	1	2	6	40	1	1	-0	4	6	2	-0	-0	-0	-0	-0
009	9	28.7	73	2	9	1	1	-0	9	33	1	1	-0	3	304	2	-0	-0	-0	-0	-0
010	9	26.2	64	1	6	1	1	2	0	0	-0	-0	-0	-0	805	1	2	12	6	2	2
001	17	48.2	62	3	9	4	2	-0	9	21	4	2	-0	2	106	4	-0	-0	-0	-0	-0
012	11	33.0	65	0	6	1	1	2	6	19	1	1	2	1	906	6	3	-0	-0	-0	-0
013	19	60.0	70	3	7	1	1	2	7	26	1	1	2	2	606	4	-0	-0	-0	-0	-0
A013	22	71.0	76	2	6	1	1	2	6	29	1	1	2	2	904	2	2	-0	-0	-0	-0
014	11	24.0	50	0	0	-0	-0	-0	0	4	5	1	2	0	406	2	2	-0	-0	-0	-0
015	16	43.8	60	1	12	1	1	-0	12	18	5	1	-0	1	804	2	-0	-0	-0	-0	-0
016	15	40.4	59	1	0	-0	-0	-0	0	0	-0	-0	-0	-0	5	1	2	3	6	2	-0
017	15	45.4	65	1	5	4	1	2	0	0	-0	-0	-0	0	506	2	2	-0	-0	-0	-0
018	9	24.5	62	0	3	1	1	-0	0	0	-0	-0	-0	0	306	2	-0	-0	-0	-0	-0
019	11	34.2	67	1	5	5	1	-0	5	10	4	1	-0	1	6	4	-0	-0	-0	-0	-0
020	12	37.2	66	2	10	1	1	2	10	28	5	1	2	2	804	2	2	-0	-0	-0	-0
021	15	47.8	68	2	7	1	1	2	7	48	1	1	2	4	804	2	2	-0	-0	-0	-0
022	15	51.2	71	0	8	5	1	2	8	18	5	2	2	1	806	2	2	-0	-0	-0	-0
023	18	57.6	70	3	8	1	1	2	8	51	1	1	2	6	605	2	6	-0	-0	-0	-0
024	18	54.8	68	2	8	1	1	2	8	29	1	1	2	5	905	1	2	-0	-0	-0	-0
025	15	53.8	76	1	6	1	1	2	6	61	1	1	2	6	104	2	2	-0	-0	-0	-0
026	10	35.2	75	2	11	5	1	2	11	25	5	1	2	25	600	2	-0	-0	-0	-0	-0
027	15	45.8	65	0	5	1	1	2	5	30	1	1	2	3	4	2	2	-0	-0	-0	-0
028	27	69.0	66	2	6	4	1	3	6	18	4	1	3	2	506	4	3	30	6	6	4
029	14	45.2	69	1	10	5	1	2	10	34	5	2	2	3	404	2	2	-0	-0	-0	-0
030	16	54.4	72	2	8	1	1	2	8	18	5	2	2	1	804	2	2	-0	-0	-0	-0
031	15	51.4	71	1	8	1	1	-0	8	17	5	2	-0	1	704	2	-0	-0	-0	-0	-0
032	15	42.6	61	1	7	1	1	2	7	13	5	2	2	1	304	2	2	-0	-0	-0	-0
033	18	56.2	69	1	7	5	2	-0	7	14	5	2	-0	1	404	2	-0	-0	-0	-0	-0
034	14	43.0	67	1	6	1	1	-0	6	21	1	1	-0	2	304	2	-0	27	6	4	-0
035	14	42.6	68	1	5	1	1	-0	5	18	5	1	-0	1	804	2	-0	-0	-0	-0	-0
036	18	54.8	68	1	10	1	1	-0	10	17	5	1	-0	1	704	2	-0	-0	-0	-0	-0
037	23	55.4	58	1	8	1	1	5	8	60	1	1	5	6	4	2	2	-0	-0	-0	-0
038	9	26.6	70	1	7	1	1	2	7	13	5	2	2	1	306	4	2	-0	-0	-0	-0
039	17	46.2	60	0	6	1	1	2	6	90	1	1	2	9	6	2	-0	-0	-0	-0	-0
040	17	27.8	39	0	3	1	1	2	3	120	1	1	2	-0	-0	-0	-0	-0	-0	-0	-0
041	18	59.4	72	1	11	5	1	2	11	26	5	1	2	2	604	2	2	-0	-0	-0	-0
042	10	29.6	67	1	6	5	-0	-0	6	23	5	-0	-0	2	304	-0	-0	-0	-0	-0	-0
043	10	24.4	56	1	6	5	1	-0	6	36	5	1	-0	3	604	2	-0	-0	-0	-0	-0
044	19	46.6	57	1	4	5	1	2	-0	-0	-0	-0	-0	0	407	2	2	-0	-0	-0	-0
045	18	60.2	73	0	9	5	1	2	9	26	4	2	2	2	907	2	-0	-0	-0	-0	-0
046	16	50.4	67	1	4	4	2	2	4	19	5	1	2	2	6	6	6	-0	-0	-0	-0
047	16	50.4	68	-0	8	5	1	2	8	30	5	1	2	3	4	2	2	-0	-0	-0	-0
048	17	48.6	62	1	4	5	1	2	4	15	5	1	2	1	504	2	2	-0	-0	-0	-0
049	11	34.6	69	1	9	1	1	2	9	16	5	1	2	1	804	2	2	20	7	-0	-0
050	19	57.6	68	-0	8	-0	-0	-0	8	36	-0	-0	-0	3	800	-0	-0	40	-0	-0	-0
051	17	52.4	67	2	7	1	-0	-0	7	18	1	-0	-0	2	600	-0	-0	30	4	-0	-0
052	19	55.2	68	1	7	1	1	2	7	25	1	1	2	2	705	2	2	30	4	3	2
053	18	56.3	69	-0	6	5	1	2	6	20	5	2	2	2	100	-0	-0	22	7	3	2
054	18	49.5	60	1	6	1	1	2	6	20	1	1	2	2	104	2	2	22	7	3	2
055	15	45.8	66	1	9	1	1	2	9	51	1	1	2	5	106	2	2	-0	-0	-0	-0
056	17	51.0	65	1	4	1	1	2	4	27	1	1	2	2	704	1	2	-0	-0	-0	-0
057	16	51.2	68	1	4	1	1	2	4	7	1	1	2	0	905	2	2	12	5	3	2
058	10	37.5	80	-0	9	-0	-0	-0	9	33	-0	-0	-0	3	300	-0	-0	-0	-0	-0	-0
059	17	48.8	63	1	7	1	1	2	7	31	1	1	2	3	104	2	2	-0	-0	-0	-0
060	15	45.0	63	1	8	1	1	2	8	24	1	1	2	2	407	2	2	-0	-0	-0	-0
061	15	46.4	67	-0	6	1	1	2	6	31	1	1	2	3	104	2	2	-0	-0	-0	-0
062	15	50.0	70	2	5	1	1	2	5	23	1	1	2	2	300	-0	-0	24	4	3	2
063	15	45.7	65	1	7	5	1	2	7	30	1	1	2	3	4	2	2	-0	-0	-0	-0
064	13	45.8	74	1	5	1	1	2	5	35	1	1	2	3	504	2	2	-0	-0	-0	-0
065	13	41.0	67	1	5	1	1	2	5	11	1	1	2	1	104	2	2	-0	-0	-0	-0
066	14	42.5	65	1	7	5	1	2	7	20	1	1	2	2	204	2	2	25	-0	-0	-0
067	14	45.8	70	1	6	1	1	2	6	20	1	1	2	2	205	2	2	24	4	3	2

068	15	47.0	67	1	7	1	1	2	7	21	1	1	2	2	405	1	2	30	4	3	2
069	23	40.6	44	-0	6	1	1	2	6	80	1	1	2	-0	-0	-0	-0	-0	-0	-0	-0
070	18	49.6	61	1	7	1	1	2	7	15	1	1	2	1	705	2	2	19	4	3	2
071	16	45.6	62	-0	6	1	1	2	6	13	5	2	2	1	304	4	2	-0	-0	-0	-0
072	15	46.4	66	1	5	1	1	2	5	26	1	1	2	2	805	2	2	30	4	3	2
073	17	45.2	59	2	7	1	1	2	7	38	1	1	2	3	804	2	2	-0	-0	-0	-0
074	14	47.2	70	1	7	1	1	2	7	21	1	1	2	2	405	2	2	27	4	3	2
075	14	45.8	70	1	5	1	1	2	5	18	1	1	2	1	804	2	2	-0	-0	-0	-0
A075	16	51.0	69	1	6	5	2	2	6	24	5	2	2	2	404	2	2	-0	-0	-0	-0
076	18	51.4	63	1	4	1	1	2	4	8	5	2	2	0	807	2	2	-0	-0	-0	-0
077	11	32.2	63	1	13	1	1	2	13	27	1	1	2	2	704	2	2	-0	-0	-0	-0
078	19	54.3	64	-0	8	1	1	2	8	20	1	1	2	2	105	2	2	22	4	3	2
079	17	53.4	68	1	6	5	2	2	6	11	5	2	2	1	106	2	3	-0	-0	-0	-0
080	18	52.5	64	2	6	5	1	2	6	28	1	1	2	2	804	2	2	-0	-0	-0	-0
081	9	24.8	64	-0	7	1	1	2	7	18	1	1	2	1	806	4	2	-0	-0	-0	-0
082	19	60.0	70	-0	5	1	1	2	5	25	1	1	2	2	700	-0	-0	29	4	3	2
083	18	56.8	70	1	7	1	1	2	7	44	1	1	2	4	404	-0	-0	-0	-0	-0	-0
084	18	58.7	72	1	11	1	1	2	11	23	4	2	2	2	305	2	2	-0	-0	-0	-0
085	15	44.8	64	1	5	1	1	2	5	19	5	1	2	1	906	4	-0	-0	-0	-0	-0
086	18	57.6	70	1	5	1	1	2	5	20	1	1	2	2	4	2	2	-0	-0	-0	-0
087	16	46.4	62	1	5	1	1	2	5	11	1	1	2	1	104	2	2	-0	-0	-0	-0
088	14	42.8	65	1	6	1	1	2	6	17	1	1	2	1	905	2	2	21	4	3	2
089	15	47.0	67	-0	7	1	1	2	7	21	1	1	1	20	201	-0	2	20	-0	-0	-0
090	10	31.2	69	-0	9	1	1	2	9	28	1	1	2	2	805	2	2	-0	-0	-0	-0
091	17	58.4	73	1	6	1	1	2	6	38	1	1	2	5	205	2	2	66	7	3	2
092	17	47.0	61	1	6	1	1	2	6	18	1	1	2	1	806	-0	-0	-0	-0	-0	-0
093	11	34.2	68	1	7	1	1	2	7	15	1	1	2	15	5	2	2	-0	-0	-0	-0
094	16	56.6	75	2	7	1	1	-0	7	22	1	-0	-0	22	5	-0	-0	-0	-0	-0	-0
095	16	50.8	69	1	8	1	1	2	8	29	1	1	2	29	4	2	2	-0	-0	-0	-0
096	20	57.4	65	1	6	1	1	2	6	24	1	1	2	24	4	-0	-0	-0	-0	-0	-0
097	20	57.0	65	-0	8	1	1	2	8	24	1	1	2	24	4	2	2	-0	-0	-0	-0
098	13	38.6	64	1	10	1	1	2	-0	-0	-0	1	0	6	8	-0	-0	-0	-0	-0	-0
099	9	23.6	60	-0	6	1	1	2	6	25	1	1	2	29	5	2	2	33	4	2	2
100	15	45.8	65	-0	9	5	2	2	9	24	5	2	2	24	4	2	2	-0	-0	-0	-0
101	17	51.8	67	1	7	1	1	2	7	20	1	1	2	20	8	2	2	-0	-0	-0	-0
102	17	52.3	68	-0	6	1	1	2	6	21	1	1	2	22	5	1	2	24	4	2	2
103	17	50.0	64	1	8	1	1	2	8	18	5	2	2	10	4	22	-0	-0	-0	-0	-0
104	12	38.0	67	-0	5	1	1	2	5	31	1	1	2	31	4	2	2	-0	-0	-0	-0
105	17	53.0	68	1	6	1	1	3	6	19	1	1	3	23	1	-0	-0	25	6	2	4
106	17	57.6	74	-0	8	1	1	2	8	20	5	2	2	20	6	2	2	-0	-0	-0	-0
107	17	55.0	70	1	9	5	1	2	9	22	5	1	2	22	4	2	2	-0	-0	-0	-0
108	17	54.4	69	-0	10	5	1	2	10	36	5	2	2	39	1	1	-0	44	7	4	2
109	16	52.0	70	1	8	1	1	2	8	34	1	1	2	43	1	1	2	51	6	2	2
110	16	51.7	70	-0	8	1	1	2	8	58	1	1	2	58	4	2	2	-0	-0	-0	-0
111	10	30.4	67	-0	8	1	1	2	8	59	1	1	2	59	4	2	2	-0	-0	-0	-0
112	10	31.8	70	-0	10	1	1	2	10	24	5	2	2	24	6	2	2	-0	-0	-0	-0
113	10	30.0	67	-0	5	1	1	2	5	12	5	1	2	12	6	2	2	-0	-0	-0	-0
114	17	53.4	67	1	7	1	1	2	7	12	1	1	2	12	4	2	2	-0	-0	-0	-0
115	11	33.6	67	-0	7	1	1	2	7	61	1	1	2	61	4	2	2	-0	-0	-0	-0
116	11	34.3	67	1	7	1	1	2	7	59	1	1	2	59	6	2	2	-0	-0	-0	-0
117	15	51.5	71	1	7	1	1	2	7	12	5	1	2	12	6	2	2	-0	-0	-0	-0
118	14	41.5	62	-0	8	1	1	2	8	49	1	1	2	49	4	2	2	-0	-0	-0	-0
119	13	39.8	65	-0	8	1	1	2	8	59	1	1	2	59	4	2	2	-0	-0	-0	-0
120	10	32.5	70	1	6	1	1	2	6	61	1	1	2	61	5	2	2	-0	-0	-0	-0
121	17	57.5	73	-0	8	1	1	2	8	58	1	1	2	58	8	42	-0	-0	-0	-0	-0
122	19	61.7	72	2	9	1	1	2	9	27	1	1	2	27	4	2	2	-0	-0	-0	-0
123	19	61.3	71	1	7	1	1	2	7	21	1	1	2	26	5	1	2	32	4	2	2
124	16	53.3	70	-0	7	1	1	2	7	12	5	1	2	12	4	2	2	-0	-0	-0	-0
125	20	52.7	61	-0	7	1	1	2	7	15	1	1	2	15	4	2	2	-0	-0	-0	-0
126	16	49.5	67	-0	7	1	1	2	7	37	1	1	2	37	4	2	2	-0	-0	-0	-0
127	10	29.0	64	-0	6	1	1	2	6	10	5	2	2	10	6	2	2	-0	-0	-0	-0
128	16	57.2	76	1	5	1	1	2	5	61	1	1	2	61	4	2	2	-0	-0	-0	-0
129	10	31.4	69	-0	6	1	1	2	6	45	1	1	2	45	4	2	2	-0	-0	-0	-0
*130	16	50.3	68	1	9	1	1	2	9	50	1	1	2	57	5	2	2	-0	3	-0	-0
131	15	46.2	65	1	9	1	1	2	9	27	1	1	2	27	4	2	2	-0	-0	-0	-0
132	12	40.2	70	-0	8	1	1	2	8	50	1	1	2	50	5	2	2	-0	-0	-0	-0
133	16	53.3	70	1	8	1	1	2	8	27	1	1	2	27	4	2	2	-0	-0	-0	-0
134	9	25.5	65	-0	4	1	1	2	4	12	1	1	2	12	4	2	2	-0	-0	-0	-0
135	10	29.4	64	-0	4	1	1	2	4	10	5	2	2	10	-0	-0	-0	-0	-0	-0	-0
*136	12	41.8	72	1	7	1	1	2	7	50	1	1	2	62	5	2	2	-0	3	-0	-0
137	12	42.7	75	1	10	1	1	2	10	37	1	1	2	37	4	2	2	-0	-0	-0	-0
138	10	30.2	67	1	6	1	1	2	6	16	1	1	2	16	4	2	2	-0	-0	-0	-0
139	16	50.9	69	1	9	1	1	2	9	32	1	1	2	32	8	2	-0	-0	-0	-0	-0
140	9	29.3	72	-0	5	1	1	2	5	68	1	1	2	6	804	2	-0	-0	-0	-0	-0
141	14	53.4	78	1	8	1	1	2	8	33	1	1	2	3	304	2	2	-0	-0	-0	-0
142	14	55.6	81	1	7	1	1	2	7	21	1	1	2	2	205	2	2	24	4	2	2
143	14	48.0	71	1	8	1	1	2	8	30	1	1	2	3	4	2	2	-0	-0	-0	-0
A143	14	50.8	76	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
144	17	49.0	63	-0	7	1	1	2	7	24	1	1	2	2	404	2	2	-0	-0	-0	-0
145	10	28.4	62	-0	7	1	1	2	7	57	1	1	2	5	704	2	2	-0	-0	-0	-0
146	17	48.6	63	1	8	1	-0	-0	8	50	1	-0	-0	5	4	-0	-0	-0	-0	-0	-0
A146	13	40.6	67	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
147	13	37.4	61	1	7	1	1	2	7	33	1	1	2	3	304	2	2	-0	-0	-0	-0
148	17	54.0	69	-0	9	1	1	2	9	21	1	1	2	2	104	2	2	-0	-0	-0	-0
149	17	50.2	64	1	4	1	1	2	4	22	1	1	2	2	207	2	2	-0	-0	-0	-0
150	17	49.0	62	1	6	1	1	2	6	14	1	1	2	1	404	2	2	-0	-0	-0	-0
151	22	61.0	66	1	7	1	1	2	7	17	1	1	2	1	704	2	2	-0	-0	-0	-0
A151	16	48.2	65	1	3	1	1	2	3	13	1	1	2	1	304	2	2	-0	-0	-0	-0
152	15	48.2	69	-0	6	1	1	2	6	35	1	1	2	3	506	2	2	-0	-0	-0	-0
153	10	32.6	71	-0	8	1	1	2	8	24	1	1	2	2	406	2	2	-0	-0	-0	-0
154	19	59.2	70	1	8	1	1	2	8	29	1	1	2	2	904	2	2	-0	-0	-0	-0
155	18	52.8	65	-0	7	1	1	2	7	36	1	1	2	3	604	2	2	-0	-0	-0	-0
156	18	51.8	63	1	7	1	1	2	7	50	1	1	2	5	4	-0	-0	-0	-0	-0	-0

157	10	29.8	67	-0	9	1	1	2	9	35	1	1	2	3	504	2	2	-0	-0	-0	-0
158	9	25.8	67	-0	6	5	1	2	6	13	5	1	2	1	304	2	2	-0	-0	-0	-0
159	20	65.0	73	1	6	1	1	2	6	62	1	1	2	-0	-0	-0	-0	-0	-0	-0	-0
160	9	28.6	73	-0	7	1	1	2	7	27	1	1	2	2	706	2	2	-0	-0	-0	-0
161	12	24.6	48	-0	6	1	1	-0	6	79	1	1	-0	9	105	2	-0	-0	-0	-0	-0
162	14	46.8	70	1	7	1	1	2	7	36	1	1	2	3	606	2	2	-0	-0	-0	-0
163	18	52.6	65	-0	6	1	1	2	6	22	1	1	2	2	206	2	2	-0	-0	-0	-0
164	16	44.4	60	-0	4	1	1	2	4	9	1	1	2	0	900	2	2	-0	-0	-0	-0
165	15	54.0	75	1	9	1	1	2	9	37	1	1	2	3	707	2	2	-0	-0	-0	-0
166	11	36.2	70	-0	1	1	1	2	10	29	1	1	2	2	906	2	2	-0	-0	-0	-0
167	17	60.4	76	1	12	1	1	2	12	16	1	1	2	2	605	1	2	36	1	1	2
168	18	54.0	66	-0	7	1	1	2	7	17	1	1	2	1	704	2	2	-0	-0	-0	-0
169	16	55.0	73	-0	11	1	1	2	11	48	1	1	2	4	804	42	2	-0	-0	-0	-0
170	17	58.4	73	-0	8	1	1	2	8	29	1	1	2	2	904	2	2	-0	-0	-0	-0
171	19	61.0	71	1	17	1	1	2	17	32	5	1	2	3	204	2	2	-0	-0	-0	-0
	-0	-0.	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
173	9	27.2	70	-0	6	2	2	2	6	15	4	1	2	1	502	4	2	-0	-0	-0	-0
174	13	40.0	66	-0	7	1	1	2	7	52	1	1	2	5	204	2	2	-0	-0	-0	-0
175	14	49.6	74	-0	9	1	1	2	9	32	1	1	2	3	305	2	2	34	4	2	2
176	19	59.6	70	1	8	5	1	2	8	10	4	3	2	1	6	2	2	-0	-0	-0	-0
177	16	58.2	76	-0	6	1	1	2	6	21	1	1	2	2	104	2	2	-0	-0	-0	-0
178	16	52.6	71	1	10	1	1	2	10	49	1	1	2	4	904	2	2	-0	-0	-0	-0
179	16	47.6	65	-0	9	1	1	2	9	27	5	1	2	2	707	2	2	-0	-0	-0	-0
180	16	55.6	74	1	8	1	1	2	8	13	1	1	2	1	304	2	2	-0	-0	-0	-0
181	17	55.2	70	-0	3	1	1	2	3	9	5	3	2	0	904	2	2	-0	-0	-0	-0
182	17	56.0	71	1	8	1	1	2	8	35	1	1	2	3	504	2	2	-0	-0	-0	-0
183	18	57.2	70	-0	6	1	1	2	6	22	1	1	2	2	204	2	2	-0	-0	-0	-0
184	18	57.0	70	1	8	1	1	2	8	23	5	2	2	23	400	2	-0	-0	-0	-0	-0
187	19	58.2	68	-0	5	1	1	2	5	15	1	1	2	1	504	2	2	-0	-0	-0	-0
188	9	23.8	60	-0	6	1	1	2	6	33	1	1	2	3	304	2	2	-0	-0	-0	-0
189	9	26.0	66	-0	4	1	1	2	4	15	1	1	2	1	504	2	2	-0	-0	-0	-0
190	21	54.2	60	-0	12	1	1	2	12	33	1	1	2	3	305	2	-0	-0	-0	-0	-0
191	17	48.0	62	-0	10	1	1	2	10	33	1	1	2	3	306	2	3	-0	-0	-0	-0
192	17	50.3	64	-0	10	1	1	2	10	38	1	1	2	3	806	2	2	-0	-0	-0	-0
193	18	63.0	76	-0	8	1	1	2	8	35	1	1	2	3	505	1	2	-0	-0	-0	-0
194	15	45.8	65	1	8	1	1	2	8	15	1	1	2	1	506	4	2	-0	-0	-0	-0
195	10	28.4	62	-0	7	1	1	2	7	13	5	1	2	1	304	4	2	-0	-0	-0	-0
196	12	39.0	70	-0	6	1	1	2	6	42	1	1	2	5	401	1	2	69	6	2	2
197	13	41.0	67	-0	9	1	1	2	9	39	1	1	2	3	904	2	2	-0	-0	-0	-0
198	9	26.4	67	-0	7	1	1	2	7	31	5	1	2	3	104	2	2	-0	-0	-0	-0
199	13	28.6	50	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
200	13	33.8	58	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
201	12	28.4	53	-0	5	1	1	-0	-0	-0	-0	-0	-0	0	503	4	4	-0	-0	-0	-0
202	11	27.5	53	-0	2	1	1	2	2	4	3	1	4	0	403	2	3	-0	-0	-0	-0
203	14	35.6	56	2	9	2	2	3	-0	-0	-0	-0	-0	0	903	4	4	-0	-0	-0	-0
204	18	42.3	53	2	4	2	2	3	4	18	2	2	3	1	803	4	4	-0	-0	-0	-0
205	16	38.9	54	-0	12	5	1	2	12	25	5	1	2	2	506	2	2	-0	-0	-0	-0
206	18	43.6	55	1	6	1	1	2	6	26	1	1	2	2	606	2	3	-0	-0	-0	-0
207	10	20.8	50	-0	6	1	-0	-0	-0	-0	1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
208	17	23.7	35	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
209	10	29.0	65	-0	8	1	1	2	8	54	1	1	2	5	406	2	2	-0	-0	-0	-0
210	12	24.4	47	-0	2	1	1	2	2	84	1	1	2	8	401	-0	-0	-0	-0	-0	-0
211	16	29.6	43	-0	6	1	1	2	6	68	1	1	2	6	806	2	2	-0	-0	-0	-0
212	16	26.2	39	-0	3	1	1	2	3	79	1	1	2	7	909	2	2	-0	-0	-0	-0
213	16	20.5	32	-0	2	1	1	2	2	80	1	1	2	8	0	-0	-0	-0	-0	-0	-0
214	23	34.9	38	-0	10	1	1	2	1	-0	1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
215	17	35.5	48	-0	3	1	1	2	3	96	1	1	2	9	601	1	2	-0	-0	-0	-0
216	18	41.1	52	-0	1	1	1	3	1	2	1	-0	3	0	206	3	3	-0	-0	-0	-0
217	27	51.1	49	1	6	5	1	2	6	12	-0	-0	-0	1	206	2	2	-0	-0	-0	-0
218	14	30.8	50	-0	18	5	1	4	18	33	5	-0	4	3	306	-0	4	-0	-0	-0	-0
	-0	-0.	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
AVG	15	45.2	66	1	7	2	1	2	7	30	2	1	2	10	363	3	2	29	5	3	2
CVR	23	24.9	12	40	33	87	20	16	32	61	84	33	18	153	88	164	27	45	30	34	24
MAX	27	71.0	81	3	18	5	2	5	18	120	5	3	5	62	909	42	6	69	7	6	4
MIN	9	20.5	32	1	1	1	1	1	1	2	1	1	1	1	1	1	1	3	1	1	2
TOT	220	220.0	220	117	213	211	207	193	205	205	204	197	186	196	208	190	166	35	34	30	28

MC GEE
SLASH PINE
CARD 2

ADF = A1 DEPTH TO FINE TEXTURE

A = ASPECT

PM = PARENT MATERIAL

S = SLOPE (PERCENT)

SD = SURFACE DRAINAGE

ADF	S	A	SD	PM
888	1	0	1	-0
22	3	250	1	1
25	4	180	1	1
30	3	0	1	1
888	3	-0	1	1
28	1	0	1	1
26	4	90	1	1
36	3	270	1	1
33	4	90	1	1
16	2	180	1	1
21	0	-0	-0	-0
17	4	-0	1	1
29	6	0	1	1
27	1	-0	1	1
4	8	-0	-0	-0
21	8	0	1	1
3	8	40	1	-0
6	4	190	1	-0
3	2	-0	1	-0
16	0	0	1	-0
27	1	-0	1	1
48	4	0	1	1
18	7	-0	1	1
66	5	270	-0	2
60	1	270	1	1
54	3	180	1	-0
21	5	220	1	1
888	6	280	-0	1
21	1	270	2	1
34	1	-0	1	1
17	3	270	1	1
18	3	300	1	1
19	3	270	1	1
16	2	-0	1	-0
22	1	-0	1	1
18	4	270	1	1
23	3	0	1	1
60	7	30	1	1
11	7	270	1	1
90	5	190	-0	-0
120	10	-0	1	-0
27	0	-0	1	-0
25	-0	-0	1	-0
-0	2	0	1	-0
7	4	270	1	-0
27	3	-0	1	-0
13	-0	-0	2	-0
33	-0	-0	1	-0
18	2	-0	-0	-0
22	3	-0	1	1
-0	-0	-0	1	-0
27	-0	-0	1	-0
888	3	-0	1	-0
21	-0	-0	1	-0
21	0	0	1	-0
999	4	90	1	-0
28	3	-0	1	-0
12	0	-0	1	1
999	3	180	1	1
30	-0	-0	1	-0
-0	-0	-0	1	-0
27	-0	-0	-0	-0
24	-0	-0	1	-0
999	0	-0	1	-0
13	-0	-0	-0	-0
25	-0	-0	1	-0
23	-0	-0	1	-0
30	-0	-0	1	-0
999	2	300	1	-0
21	5	90	1	-0
13	-0	-0	1	-0
27	-0	-0	1	-0
999	-0	-0	1	-0
28	3	0	1	-0
17	4	320	1	1
21	2	-0	1	-0
7	2	-0	1	-0
888	-0	-0	-0	-0
24	2	-0	1	1
8	0	0	-0	-0
26	3	-0	1	-0
18	-0	-0	-0	-0
-0	0	0	1	1

888	0	0	1	1
25	3	-0	1	-0
16	-0	-0	1	-0
17	-0	-0	-0	1
12	-0	-0	1	-0
20	2	-0	1	-0
19	2	-0	-0	-0
-0	2	0	1	-0
999	0	0	1	1
17	7	300	1	-0
16	0	-0	1	-0
20	0	0	-0	1
30	2	-0	1	-0
21	0	0	1	1
23	3	-0	1	1
12	4	0	1	1
999	-0	-0	1	1
21	0	0	1	-0
17	7	-0	1	-0
25	0	0	1	-0
15	2	-0	-0	1
999	3	-0	-0	-0
31	0	0	2	-0
30	0	0	-0	-0
25	0	0	-0	1
21	2	0	-0	1
999	0	0	-0	1
999	0	0	-0	1
-0	5	-0	-0	-0
26	2	-0	-0	-0
10	4	90	-0	-0
14	2	0	-0	1
999	0	0	-0	-0
999	0	0	-0	-0
11	0	0	-0	-0
888	0	0	-0	1
888	0	0	2	-0
888	0	0	1	-0
888	1	0	1	-0
25	0	0	1	-0
888	0	0	1	-0
13	0	0	1	-0
18	0	0	1	1
40	0	0	1	-0
19	1	0	-0	-0
-0	0	0	1	1
999	0	0	1	1
50	2	270	1	1
25	0	0	1	1
50	0	0	1	-0
26	2	180	1	1
15	0	0	1	1
12	2	0	1	-0
50	0	0	1	1
35	4	180	1	-0
16	2	-0	1	1
42	0	0	1	-0
11	2	300	1	1
33	0	0	1	-0
24	0	0	1	1
30	0	0	1	1
15	2	0	1	1
999	2	0	1	1
-0	0	0	1	1
999	0	0	1	1
23	0	0	1	1
888	0	0	1	1
20	4	-0	-0	1
19	0	0	1	1
13	3	0	1	1
20	2	0	1	1
888	0	0	1	1
888	2	-0	1	1
40	-0	-0	1	1
999	0	0	1	1
-0	2	-0	1	-0
11	0	0	1	1
-0	0	0	1	1
48	0	0	1	1
-0	0	0	1	-0
34	0	0	1	1
18	0	0	1	1
11	3	270	1	1
888	0	0	1	1
999	2	-0	1	-0
-0	0	0	1	-0
13	2	-0	1	-0
54	2	0	1	1
28	0	0	1	1
34	0	0	1	1
-0	0	0	1	-0
14	2	0	1	1
-0	0	0	1	1
-0	2	-0	1	1

	10	0	0	1	1
	17	0	0	1	1
	-0	0	0	1	1
	21	0	0	1	1
	18	0	0	1	1
	19	0	0	1	1
	888	0	0	1	1
	999	3	0	1	1
	17	2	0	1	1
	42	2	-0	1	1
	8	0	0	1	1
	15	0	0	1	1
	-0	0	0	1	1
	17	0	0	1	1
	-0	0	0	1	1
	34	0	0	1	1
	41	0	0	1	-0
	40	0	0	1	-0
	17	0	0	1	-0
	14	2	270	1	1
	-0	4	90	1	1
	888	2	-0	1	-0
	29	0	0	1	1
	-0	5	180	1	-0
	3	4	180	1	-0
	12	0	0	3	-0
	-0	0	0	3	-0
	21	0	0	1	-0
	-0	0	0	2	-0
	-0	4	180	1	-0
	-0	0	0	1	-0
	-0	1	-0	1	-0
	-0	0	0	1	-0
	-0	0	0	1	-0
	-0	0	0	-0	-0
	-0	0	0	1	-0
	-0	0	0	1	-0
	-0	0	0	2	-0
	19	10	270	1	-0
	-0	0	0	3	-0
AVG	199	3	210	1	1
CVR	183	60	39	29	9
MAX	999	10	320	3	2
MIN	3	1	30	1	1
TOT	185	104	40	185	109

MEDIN. D.
MT. MOHOGANY
1960 COLO.

EL-ELEVATION
SP-SLOPE LENGTH
EX-EXPOSURE
IR-INFILTRATION RATE
SS-SURFACE STONINESS
SL-SLOPE LENGTH
PS-POSITION ON SLOPE
AD-DEPTH A1 HORIZON
CL-CLAY IN A1
SA-SAND IN A1
SI-SILT IN A1
CH-THICKNESS C HORIZON
RA-PERCENT ROOTS IN A1
SA-STONINESS OF A1
SS-SOLUBLE SALTS
OM-ORGANIC MATTER
LM-LIME
AP-AVAILABLE PHOSPHOROUS
NI-NITRATE
K-POTASSIUM
PR-PERCENT ROOTS IN C
SC-STONINESS IN C

	EL	SP	Ex	IR	SS	SL	PS	AD	CL	SA	SI	CH	RA	PH	SA	SS	OM	LM	AP	NI	K	PR	SC
S-005	6560	72	40	11.0	10	1700	70	3.00	10.80	51.20	38.00	46.00	15	8.0	2	.05	6.9	6.4	9	155	50	45	93
S-001	6640	65	267	24.0	55	137	45	1.00	9.60	62.40	28.00	9.00	15	8.2	0	.02	5.4	6.2	26	121	81	85	90
S-002	6940	11	198	25.0	20	790	745	1.00	13.20	62.00	24.80	5.50	25	8.4	2	.02	1.4	16.2	20	31	55	75	98
S-006	6640	66	69	10.4	2	1700	230	4.50	16.00	42.80	41.20	32.50	25	8.0	3	.05	5.5	5.8	12	124	50	75	97
S-008	6720	35	71	6.3	2	1700	340	6.00	21.20	32.40	46.40	44.50	35	8.1	5	.10	5.0	16.6	6	112	55	35	75
S-010	6920	15	12	12.0	3	1700	800	2.50	10.00	56.40	33.60	16.50	30	7.2	5	.05	5.0	1.3	12	112	55	70	85
S-011	6900	19	74	16.0	25	1700	950	2.00	13.60	57.20	29.20	.01	0	8.0	2	.07	2.3	3.3	14	52	50	0	0
S-013	6760	32	251	8.0	8	108	26	3.00	15.60	25.60	58.80	20.00	15	8.2	5	.07	2.8	29.1	7	63	47	85	95
S-014	6840	34	226	48.0	14	130	85	0.	0.	0.	0.	20.00	0	0.	0	0.	0.	0.	0	0	0	99	99
S-017	6780	32	110	8.6	11	310	250	1.50	15.60	48.80	35.60	15.50	8	8.1	5	.02	3.0	17.4	16	68	55	92	95
S-020	6720	64	57	13.3	6	1600	260	4.50	21.20	32.40	46.40	29.50	40	8.1	5	.08	5.8	17.9	14	130	61	60	95
S-021	6820	26	54	18.4	2	1600	360	4.00	19.60	32.40	48.00	19.50	15	7.8	5	.08	4.6	6.9	4	104	55	15	80
S-022	6920	10	82	21.8	2	1600	750	4.50	17.20	46.00	36.80	19.50	30	7.1	5	.05	6.9	.8	10	155	61	70	75
S-023	6800	19	13	17.1	3	1600	340	4.50	21.60	32.00	46.40	32.50	20	7.7	2	.07	7.6	13.3	7	171	55	80	98
S-024	6780	38	93	17.1	8	1100	310	3.00	19.60	36.80	43.60	22.00	40	8.1	4	.02	4.0	23.4	7	90	55	60	96
S-026	7100	15	81	15.0	13	275	255	2.50	17.20	44.00	38.80	14.50	65	7.2	5	.02	2.8	1.2	12	63	47	35	85
S-027	7120	28	71	20.0	3	290	210	4.00	11.60	51.20	37.20	18.00	30	7.3	5	.05	3.2	1.4	18	72	47	70	95
S-028	6680	72	285	28.7	35	420	300	3.00	13.60	45.60	40.80	18.00	30	7.9	0	.02	5.1	20.5	11	115	55	70	80
S-029	6800	46	272	15.0	16	460	380	2.50	16.40	40.40	43.20	24.50	20	8.1	3	.05	3.7	11.6	10	83	47	80	97
S-030	6700	50	290	12.0	20	460	280	2.00	13.20	46.00	40.80	20.00	50	8.0	5	.02	4.0	9.0	6	90	47	50	85
S-031	6600	67	283	19.4	26	440	150	2.00	19.20	34.00	46.80	33.00	35	8.1	0	.05	4.1	25.2	15	92	47	65	90
S-034	7000	26	277	30.0	6	700	500	2.00	3.60	68.00	28.40	27.00	30	8.2	0	.02	2.9	8.5	15	65	55	70	90
S-035	6960	32	262	33.3	5	450	355	2.50	17.20	35.60	47.20	20.50	40	8.1	0	.07	4.1	6.3	11	92	47	60	90
S-036	6760	16	304	22.5	8	275	260	2.50	15.60	45.60	38.80	28.50	35	8.1	6	.07	3.7	18.6	8	83	47	65	94
S-037	6700	47	264	20.0	60	240	200	0.	0.	0.	0.	19.00	0	0.	0	0.	0.	0.	0	0	0	99	99
S-038	6740	19	219	24.0	6	290	230	1.00	16.40	44.80	38.80	12.00	35	8.2	8	.02	2.5	18.0	20	56	47	65	92
S-040	6720	55	80	26.7	2	1300	170	3.25	17.60	36.00	46.40	19.70	55	8.1	5	.02	4.7	27.1	8	106	47	45	95
S-041	6780	21	102	6.4	18	1300	230	4.00	10.80	45.20	44.00	17.00	60	8.2	0	.02	2.4	28.3	7	54	47	40	80
S-042	6800	21	112	22.3	16	210	145	3.50	24.40	36.40	39.20	13.50	35	8.1	3	.02	4.5	24.4	12	101	47	65	97
S-045	6700	42	222	6.0	70	900	230	0.	0.	0.	0.	9.00	0	0.	0	0.	0.	0.	0	0	0	99	99
S-046	6740	41	185	15.0	45	150	85	4.00	9.60	41.60	48.80	22.00	35	8.2	1	.02	3.6	25.2	12	81	61	65	99
S-047	6820	44	143	19.9	11	220	95	2.00	11.20	48.80	40.00	15.00	35	8.1	0	.02	4.4	27.6	15	99	67	65	90
S-051	6820	43	183	4.8	70	210	120	0.	0.	0.	0.	14.00	0	0.	0	0.	0.	0.	0	0	0	99	99
S-053	7000	6	172	10.9	1	200	195	2.00	15.60	36.40	48.00	15.00	33	7.5	3	.02	5.6	1.5	17	126	95	67	97
S-055	6940	36	273	14.1	1	90	20	4.00	8.40	45.60	46.00	25.00	35	8.0	3	.02	7.3	5.0	15	164	61	65	97
S-062	6720	44	181	40.0	14	250	70	1.50	11.60	57.20	31.20	15.50	15	8.2	0	.02	2.3	21.4	19	52	67	85	70
S-063	6720	36	6	21.2	2	1700	300	5.00	20.80	30.80	48.40	34.00	50	8.1	0	.05	3.3	18.2	7	74	55	50	90
S-065	6920	41	337	10.0	3	1700	750	7.50	20.40	38.80	40.80	17.00	35	7.2	0	.05	3.2	1.5	11	72	47	2	0
S-066	6720	35	60	7.7	1	1700	380	5.00	26.00	31.20	42.80	22.00	65	8.0	0	.05	5.8	17.3	22	130	55	35	60
S-067	6820	36	92	21.8	8	1700	500	3.00	13.60	47.20	39.20	19.00	35	8.0	5	.02	3.2	29.2	34	72	55	65	75
S-069	6700	24	65	12.6	2	1700	320	9.99	14.80	42.80	42.40	23.50	80	8.1	5	.02	5.1	17.5	10	114	55	20	65
S-074	6800	28	63	22.5	1	1300	320	6.50	27.20	24.40	48.40	20.50	35	8.1	5	.02	4.4	12.8	8	99	55	65	95
S-075	6820	11	55	40.0	3	1300	320	6.50	37.60	38.40	24.00	16.50	60	7.8	5	.02	5.1	12.4	7	115	47	40	95
S-076	6860	14	25	30.0	6	1300	550	2.50	13.60	48.40	38.00	12.50	50	7.4	5	.02	2.9	.8	14	65	47	50	85
S-078	6680	42	107	12.0	22	1700	180	2.00	12.80	46.40	40.80	18.00	35	8.3	0	.02	2.2	14.2	12	50	47	65	80
S-080	7080	20	81	26.7	5	1700	990	4.50	19.60	40.00	40.40	15.00	55	7.4	5	.02	3.7	1.8	16	83	35	45	65
S-082	6780	40	34	27.6	5	1200	360	2.50	13.20	40.40	46.40	22.50	40	8.1	5	.02	3.2	33.0	10	72	55	60	95
S-083	6820	21	9	16.3	1	1200	450	7.00	20.00	44.40	35.60	23.00	55	8.1	5	.05	4.9	13.5	8	110	55	45	65
S-084	6760	26	89	12.8	2	1300	400	4.00	19.60	41.20	39.20	16.00	60	8.1	5	.02	7.9	19.8	14	178	87	40	85
S-089	6700	25	34	26.7	4	850	320	9.99	19.60	39.60	40.80	18.50	70	8.2	0	.05	3.4	15.0	5	76	47	10	0
S-093	6900	35	113	13.3	3	230	185	1.50	12.00	51.60	36.40	9.50	25	8.1	5	.02	2.3	8.6	27	52	55	75	95
S-095	7020	17	134	18.4	18	150	125	1.00	11.60	53.20	35.20	15.00	19	8.2	5	.02	2.8	7.4	23	63	47	81	95
S-100	7020	16	280	24.0	2	120	95	5.00	13.60	43.20	43.20	16.00	55	7.8	9	.02	5.6	5.8	4	126	47	45	91
S-101	7000	5	248	7.5	14	230	230	0.	0.	0.	0.	12.00	0	0.	0	0.	0.	0.	0	0	0	99	99
S-103	6940	26	207	42.3	2	140	70	2.25	17.20	46.40	36.40	22.70	40	8.1	2	.02	3.3	26.2	13	74	55	60	98
S-104	6960	31	229	24.0	25	380	220	.75	7.20	72.40	20.40	16.20	15	8.1	0	.02	2.0	4.2	10	45	47	85	70
S-108	6600	73	43	28.9	2	1700	110	7.50	11.20	41.60	47.20	23.50	60	8.0	0	.07	4.2	6.4	15	94	47	40	70
S-109	6740	26	61	10.2	2	1700	390	5.00	24.80	32.40	42.80	12.00	50	8.0	2	.07	4.7	13.1	18	106	55	50	78
S-110	6780	10	67	9.7	1	1700	410	9.99	31.60	26.00	42.40	0.	65	8.0	0	.07	3.7	10.3	7	83	47	5	0
S-111	6800	9	79	14.4	1	1700	450	7.50	17.60	38.80	43.60	25.50	80	8.0	0	.05	3.7	23.8	9	83	47	20	0
S-113	6860	32	166	21.8	20	140	90	0.	0.	0.	0.	5.00	0	0.	0	0.	0.	0.	0	0	0	99	8
S-114	6800	38	134	30.0	11	260	190	0.	0.	0.	0.	21.00	0	0.	0	0.	0.	0.	0	0	0	99	99
S-115	6760	42	41	19.5	6	1700	400	4.00	24.80	29.20	46.00	22.00	45	7.9	0	.07	4.0	20.0	14	90	81	55	0
S-117	6900	12	125	15.0	9	130	100	3.50	16.00	36.80	47.20	12.50	65	8.1	0	.02	3.7	27.2	14	83	95	35	60
S-120	6760	42	37	12.0	1	1700	385	4.50	24.80	32.80	42.40	23.50	25	7.9	0	.02	4.2	38.1	13	94	81	75	60
S-122	6700	22	31	10.9	1	1700	390	6.50	30.40	27.20	42.40	15.50	70	7.9	0	.07	3.9	18.8	19	88	47	30	0

S-124	6800	20	262	33.3	1	475	355	2.50	14.40	53.60	32.00	12.50	50	8.0	0	.02	3.7	28.4	17	83	47	50	90
S-125	6820	27	290	24.0	3	475	365	2.50	14.40	53.60	32.00	16.50	35	8.0	0	.02	3.6	28.0	19	74	47	65	70
L-004	6760	37	160	60.0	30	162	133	.75	29.60	18.40	52.00	14.20	3	8.2	0	.07	3.1	39.2	18	70	67	97	80
L-007	6740	26	82	15.4	2	1700	360	4.50	18.00	32.00	50.00	27.50	35	8.1	0	.06	4.5	17.2	4	101	55	65	90
L-009	6780	41	282	13.3	12	360	325	3.50	16.80	33.20	50.00	21.50	15	8.0	0	.02	10.4	27.0	28	234	61	85	90
L-012	6760	27	183	12.6	28	475	262	1.50	16.40	25.20	58.40	16.50	2	8.2	5	.02	1.8	29.0	6	40	50	98	95
L-015	6880	5	213	6.8	1	1600	450	4.00	17.20	34.80	48.00	11.00	15	7.9	3	.02	3.4	22.4	15	76	55	85	97
L-016	6820	29	132	26.6	14	220	145	1.50	13.20	44.40	42.40	14.50	10	8.1	3	.02	5.2	18.9	19	117	55	90	97
L-018	6880	9	220	14.1	4	72	39	2.00	29.20	19.60	51.20	14.00	4	8.1	5	.09	6.2	23.8	15	139	95	96	95
L-019	6940	17	102	16.0	2	550	515	2.25	14.80	34.80	50.40	20.70	60	8.0	6	.08	4.8	11.7	28	108	55	40	94
L-025	7000	25	91	30.0	4	370	340	1.00	5.20	57.60	37.20	17.00	70	7.8	0	.10	5.0	7.1	36	112	130	80	90
L-032	6860	26	225	12.5	3	120	85	1.00	15.60	37.60	46.80	15.00	15	8.0	0	.05	3.8	13.3	20	86	47	85	90
L-033	6800	37	312	20.7	1	350	260	3.50	13.60	49.60	36.80	20.50	30	8.0	4	.05	3.4	4.3	12	76	40	70	98
L-039	6800	25	40	11.8	3	290	270	5.50	20.00	39.60	40.40	28.50	65	7.9	0	.02	5.1	12.0	8	115	55	35	80
L-043	6840	22	105	40.0	9	500	220	2.50	11.80	32.00	56.40	22.50	30	8.1	5	.02	3.8	21.2	19	86	47	70	75
L-044	6920	15	188	17.1	3	400	375	1.50	22.40	23.60	54.00	17.50	15	8.2	0	.02	4.3	35.2	10	97	61	85	90
L-048	6880	24	248	14.4	9	170	155	2.00	26.40	18.60	54.80	13.00	65	8.2	5	.02	3.9	41.8	17	88	75	35	85
L-049	6960	16	232	22.5	1	500	240	1.00	11.20	32.80	56.00	6.00	30	8.2	5	.02	3.3	24.9	10	74	61	70	88
L-050	6900	14	252	10.4	3	1200	650	2.75	26.00	30.00	44.00	20.20	30	8.3	2	.02	3.4	31.4	3	76	67	70	98
L-052	6980	19	288	20.0	2	110	95	5.50	20.40	24.80	54.80	13.50	55	8.0	0	.02	7.1	28.8	8	160	61	45	80
L-054	6780	16	177	59.0	35	300	280	0.	0.	0.	0.	13.00	0	0.	0	0.	0.	0.	0	0	0	99	70
L-056	6940	16	164	8.3	20	220	140	1.50	19.20	34.40	46.40	13.50	30	7.9	5	.02	5.7	31.8	23	128	75	70	55
L-057	6940	56	309	20.0	2	230	140	3.50	9.20	40.40	50.40	22.50	40	7.9	0	.02	7.5	18.1	14	169	61	60	90
L-058	6700	41	163	35.9	36	180	30	1.50	11.60	48.40	40.00	19.50	20	8.2	0	.02	2.9	33.3	15	65	55	80	90
L-059	6720	17	197	80.0	55	180	180	1.00	24.80	19.20	56.00	8.50	30	8.2	5	.02	2.9	36.8	10	65	55	70	85
L-060	6880	24	276	14.1	6	220	70	4.50	13.60	41.60	44.80	28.50	30	7.8	5	.02	5.4	13.2	10	122	55	70	95
L-061	6860	20	219	14.1	11	90	85	1.00	8.40	49.60	42.00	17.00	20	8.2	0	.02	2.5	11.2	25	56	61	80	90
L-064	6780	21	347	14.1	3	1700	450	4.50	14.80	36.80	48.40	12.50	40	7.7	0	.07	5.9	2.9	10	133	67	30	45
L-068	6800	3	117	10.0	6	800	410	3.00	24.00	32.40	43.60	14.00	45	8.2	0	.02	2.5	23.8	10	58	55	55	90
L-070	6740	31	75	19.8	3	1700	360	5.00	20.00	31.20	48.80	18.00	35	7.9	5	.05	6.3	14.7	11	142	55	65	95
L-071	6660	51	310	10.1	11	330	285	4.50	23.20	30.40	46.40	21.50	30	8.0	5	.02	5.5	20.8	13	124	55	70	85
L-072	6620	59	301	27.6	35	280	240	1.50	9.20	46.00	44.80	14.50	25	8.1	5	.02	4.3	19.5	21	97	55	75	95
L-073	6800	6	354	12.8	7	290	290	1.50	21.60	29.20	49.20	13.50	35	8.0	0	.02	5.1	16.8	18	115	55	65	80
L-077	6820	17	50	26.7	1	1300	345	4.50	26.80	25.20	48.00	17.50	35	7.8	0	.05	7.1	26.6	10	160	67	20	70
L-079	6800	9	114	30.0	3	1700	420	2.50	27.20	28.40	44.40	23.50	22	8.1	0	.02	3.3	28.7	11	74	81	78	90
L-081	6860	52	143	24.0	45	185	25	1.50	15.60	49.60	34.80	9.50	65	8.1	5	.02	1.6	13.4	19	36	47	35	85
L-085	6700	33	78	22.5	4	1300	320	3.50	16.00	38.80	45.20	15.50	40	8.2	0	.02	3.1	18.7	17	70	47	60	90
L-086	6780	19	80	16.3	7	1700	450	2.50	17.60	46.00	36.40	9.50	45	7.8	5	.05	4.7	10.5	19	106	47	55	85
L-087	6960	39	250	18.9	9	600	560	1.50	11.20	50.40	38.40	20.50	20	8.0	4	.02	3.6	2.6	28	81	40	80	96
L-088	7060	19	94	24.0	2	1700	999	2.00	13.60	51.20	35.20	11.00	35	7.5	3	.02	4.9	1.0	25	110	61	65	97
L-090	6760	8	133	8.2	7	200	190	2.00	22.00	27.20	50.80	13.00	55	8.2	0	.02	3.4	34.8	22	76	47	45	90
L-091	6900	24	284	17.1	2	220	195	3.50	11.60	49.20	39.20	9.50	35	7.6	0	.02	8.3	2.7	20	186	102	65	70
L-092	6800	22	153	13.3	11	130	80	2.00	23.60	26.00	50.40	19.00	20	8.1	8	.05	4.0	32.7	12	90	67	80	82
L-094	6980	31	248	18.0	20	220	120	2.50	16.80	37.20	46.00	22.20	40	8.0	2	.02	4.7	13.1	21	106	55	60	88
L-096	6860	54	297	13.1	11	250	150	2.00	15.60	34.40	50.00	20.00	15	7.7	9	.02	6.5	22.8	28	146	87	85	89
L-097	6860	52	303	27.6	10	250	135	3.50	23.60	29.60	46.80	20.50	40	7.9	0	.02	4.2	28.3	13	94	55	60	80
L-098	6760	27	255	10.6	1	300	230	2.00	27.60	17.20	55.20	17.00	25	7.8	4	.02	6.5	30.7	19	146	61	75	95
L-099	6780	19	182	27.7	30	300	260	1.50	23.20	21.20	55.60	14.50	15	8.2	2	.02	2.9	35.3	13	65	61	85	88
L-102	6960	22	162	13.8	3	220	25	2.50	34.80	20.80	44.40	16.50	33	8.2	0	.05	3.3	30.2	10	74	55	67	90
L-105	6900	9	226	22.5	3	380	140	3.00	20.80	29.60	49.60	18.00	60	8.1	5	.02	4.2	34.2	15	94	75	35	95
L-106	6840	10	220	20.0	4	380	80	2.00	24.40	28.00	47.60	21.00	30	8.1	0	.02	4.5	39.8	15	101	61	70	90
L-107	6800	36	256	9.7	45	380	40	2.25	14.40	36.00	49.60	15.70	60	8.3	0	.02	3.4	32.4	10	76	55	40	70
L-112	6740	23	338	13.8	4	90	60	3.00	12.80	37.20	50.00	17.00	35	7.9	0	.02	5.5	25.9	22	124	47	65	90
L-116	6920	32	306	21.8	4	260	200	5.00	22.40	25.60	52.00	16.00	55	7.8	0	.02	6.5	32.9	20	146	67	45	80
L-118	6900	4	308	27.6	3	420	405	3.50	20.40	27.20	52.40	13.50	35	7.8	0	.07	5.0	4.8	22	112	47	65	70
L-119	6840	6	162	12.8	2	320	310	3.50	26.80	18.40	54.80	11.50	60	7.8	6	.02	3.4	39.1	14	76	47	40	94
L-121	6780	18	49	20.0	4	1700	420	8.00	21.60	34.40	44.00	16.00	50	7.9	2	.10	3.2	20.2	10	72	47	15	83
L-123	6800	13	216	17.1	5	475	350	1.00	14.40	45.20	40.40	8.00	65	8.0	6	.02	4.7	28.8	31	106	47	35	94
AVG	6824	29	167	20.0	11	744	283	3.30	17.76	38.59	43.65	18.03	38	8.0	4	.04	4.3	18.6	15	97	57	62	86
CVR	2	56	57	56.3	129	85	70	60.20	35.30	25.78	16.94	38.23	47	3.1	3764	.88	35.7	58.9	46	36	25	36	15
MAX	7120	73	354	80.0	70	1700	999	9.99	37.60	72.40	58.80	46.00	80	8.4	9	.10	10.4	61.8	36	234	130	99	99
MIN	6560	3	6	4.8	1	72	20	.75	3.60	17.20	20.40	.01	2	7.1	1	.02	1.4	.8	3	31	35	2	8
TOT	124	124	124	124.0	124	124	124	116.00	116.00	116.00	116.00	123.00	115	116.0	67	6.00	116.0	116.0	116	116	116	123	117

MEDIN. D. E. + SHULTZ
SHRUB DATA

HT-HEIGHT

DI-DIAMETER OF CROWN

WT-WEIGHT

	HT	DI	WT
S-001-05	2.5	2.5	128.6
S-002-05	1.6	2.4	106.4
S-003-05	2.4	2.2	65.4
S-005-05	2.7	2.0	43.0
S-006-05	3.7	2.3	58.3
S-008-05	2.6	1.5	51.4
S-010-05	2.7	4.4	214.7
S-011-05	2.6	2.8	90.0
S-013-05	2.2	1.9	35.7
S-014-05	2.5	4.4	291.7
S-017-05	1.7	2.2	48.7
S-020-05	2.7	2.6	52.9
S-021-05	1.4	1.1	11.4
S-022-05	3.1	2.5	52.4
S-023-05	2.9	4.3	152.5
S-024-05	2.9	3.1	95.3
S-026-05	.3	.5	14.4
S-027-05	1.8	1.9	65.7
S-028-05	2.2	2.3	77.2
S-029-05	1.9	2.5	103.4
S-030-05	2.6	3.6	97.0
S-031-05	1.8	3.1	161.1
S-034-05	1.2	1.1	19.4
S-035-05	2.7	2.4	90.0
S-036-05	1.8	2.5	128.3
S-037-05	1.4	1.9	45.1
S-038-05	1.8	2.0	85.4
S-040-05	2.2	1.4	33.9
S-041-05	1.2	2.2	46.4
S-042-05	2.4	1.7	46.3
S-045-05	.9	.7	10.7
S-046-05	1.9	1.7	35.3
S-047-05	1.5	1.5	26.8
S-051-05	2.7	2.8	147.3
S-053-05	1.7	2.0	89.3
S-055-05	3.8	3.4	107.7
S-062-05	2.3	3.8	146.3
S-063-05	1.1	1.3	23.8
S-065-05	3.5	3.2	174.2
S-066-05	1.5	1.3	36.9
S-067-05	2.2	2.3	54.0
S-069-05	.9	1.3	22.7
S-074-05	.9	.6	6.6
S-075-05	.9	.8	9.5
S-076-05	1.9	2.3	68.2
S-078-05	2.0	2.3	78.0
S-080-05	3.3	2.6	95.8
S-082-05	2.3	2.8	82.9
S-083-05	4.6	3.6	73.5
S-084-05	3.3	2.6	91.1
S-089-05	1.5	1.2	19.2
S-093-05	3.5	3.4	167.8
S-095-05	1.2	1.1	30.2
S-100-05	1.8	1.2	37.1
S-101-05	2.8	3.6	150.0
S-103-05	1.5	1.3	43.9
S-104-05	2.9	3.5	215.4
S-108-05	3.0	2.7	86.7
S-109-05	2.5	2.1	38.9
S-110-05	2.8	4.1	254.1
S-111-05	1.8	2.0	46.9
S-113-05	1.4	1.3	21.8
S-114-05	2.7	2.1	83.1
S-115-05	3.1	4.6	100.7
S-117-05	.4	.4	6.2
S-120-05	4.2	4.5	164.1
S-122-05	3.1	3.9	144.4
S-124-05	2.4	2.2	81.4
S-125-05	2.7	3.3	238.3
L-004-05	2.1	2.4	53.1
L-007-05	1.2	1.5	24.0
L-009-05	1.7	1.2	15.7
L-012-05	2.2	2.9	52.4
L-015-05	1.2	1.3	31.1
L-016-05	3.1	4.6	78.2
L-018-05	2.3	2.1	74.1
L-019-05	1.6	2.2	52.3
L-025-05	2.3	3.2	122.8
L-032-05	1.6	2.2	48.3
L-033-05	1.0	.8	10.2
L-039-05	.7	.3	2.1

L-043-05	2.8	2.8	97.5
L-044-05	3.0	3.5	250.3
L-048-05	3.7	4.0	179.3
L-049-05	2.0	2.7	162.4
L-050-05	.9	.8	14.0
L-052-05	2.3	1.7	67.3
L-054-05	2.6	1.1	9.6
L-056-05	3.7	4.6	289.7
L-057-05	2.9	3.1	113.9
L-058-05	2.1	2.7	115.1
L-059-05	2.5	2.9	78.7
L-060-05	1.4	1.2	36.0
L-061-05	2.1	2.3	60.9
L-064-05	2.3	2.4	44.1
L-068-05	2.1	3.1	82.5
L-070-05	2.4	1.4	44.6
L-071-05	2.6	2.5	31.3
L-072-05	1.8	1.6	21.3
L-073-05	1.6	1.9	34.2
L-077-05	2.3	1.2	22.8
L-079-05	1.6	1.6	25.6
L-081-05	2.3	2.7	109.4
L-085-05	3.1	3.9	88.2
L-086-05	.7	.7	13.5
L-087-05	1.6	2.4	61.6
L-088-05	2.7	3.8	190.2
L-090-05	2.3	3.2	178.1
L-091-05	1.5	1.3	41.3
L-092-05	1.6	1.8	56.8
L-094-05	1.3	2.1	36.9
L-096-05	1.8	1.4	53.6
L-097-05	2.2	2.9	99.6
L-098-05	1.8	1.3	40.1
L-099-05	5.2	4.3	309.2
L-102-05	.4	.4	6.8
L-105-05	2.1	1.6	52.8
L-106-05	1.0	.9	11.7
L-112-05	2.3	1.9	39.6
L-116-05	2.1	2.0	110.6
L-118-05	2.1	.9	18.3
L-119-05	2.6	3.0	147.6
L-121-05	3.3	5.0	314.8
L-123-05	2.7	2.4	77.0
	-0.	-0.	-0.
AVG	2.2	2.3	82.4
CVR	39.3	46.6	83.5
MAX	5.2	5.0	314.8
MIN	.3	.3	2.1
TOT	124.0	124.0	124.0

FIRST CARD NOT PROCESSED

MILLER, W. FRANK
LOBLOLLY PINE
MISSISSIPPI AGRI. EXP. STATION

LU=LAND USE AREA
S=SLOPE
SP=SLOPE POSITION
A=ASPECT
TA=THICKNESS A
TB=THICKNESS B2
TXA=TEXTURE A
TXB=TEXTURE B2
D=DRAINAGE CLASS
HDV=HOCKER S DISCRIMINATE VALUE
SFP=SUMMER AND FALL DAYS WITH PRECIPITATION
SI=SITE INDEX

	LU	S	SP	A	TA	TB	TXA	TXB	D	HDV	SFP	SI
1	2	2	4	3	3.0	8.0	3	3	1	1.0	17.0	100
X	2	2	5	3	8.0	24.0	2	2	3	1.0	16.5	85
14	2	5	5	1	7.0	13.0	2	2	3	1.0	16.0	84
3	2	7	1	7	5.0	22.0	1	4	3	1.0	18.5	85
A	2	0	1	8	4.0	35.0	4	4	3	1.0	19.0	73
18	5	17	1	3	5.0	28.0	1	4	3	.7	14.0	74
1	5	8	2	7	5.0	16.0	3	5	3	.7	14.5	84
2	2	4	2	7	5.0	13.0	2	2	3	1.0	1.5	92
A	2	0	4	7	6.0	14.0	3	3	1	1.0	18.5	84
Y	-0	8	1	3	6.0	14.0	2	4	3	0.	0.	-0
9A	2	11	1	1	4.0	28.0	4	4	3	1.0	16.5	83
12	6	2	4	5	5.0	14.0	2	2	3	1.0	15.5	83
1RA	5	4	5	1	18.0	0.	2	2	3	1.0	15.5	79
26A	5	8	1	5	2.0	16.0	1	4	3	1.0	16.0	64
26	5	13	2	5	5.0	17.0	1	2	3	1.0	15.5	94
5A	5	9	1	3	3.0	16.0	4	4	3	1.0	15.5	80
3	5	2	4	3	5.0	8.0	2	2	1	.3	14.5	79
1	5	8	2	3	4.0	9.0	2	2	3	.3	14.5	75
23	5	1	4	7	4.0	9.0	2	2	1	.7	14.5	89
7A	5	8	1	7	15.0	14.0	1	1	3	.7	14.0	81
31A	5	5	5	7	3.0	12.0	4	4	3	.7	14.5	84
18	5	0	4	2	6.0	10.0	3	3	1	.7	14.5	81
A	5	12	3	5	2.0	6.0	5	2	3	.7	14.5	106
Z	5	0	4	3	9.4	0.	3	-0	1	.7	14.0	93
4	3	2	1	4	4.0	11.0	3	3	1	1.0	16.0	86
7	5	3	1	1	5.0	13.0	3	2	2	1.0	15.0	82
5	5	13	1	3	8.0	15.0	1	5	3	.7	14.0	76
Y	3	10	1	6	5.0	13.0	3	5	3	1.0	16.0	91
11	3	9	1	7	6.0	15.0	4	4	3	1.2	18.0	96
11A	3	16	3	7	4.4	14.1	4	2	3	1.2	17.5	101
2A	3	1	5	7	6.6	13.4	2	2	3	1.0	17.5	78
22	2	1	4	3	5.0	25.0	2	2	1	1.0	17.5	94
23A	2	1	4	3	4.0	12.0	2	1	1	1.0	17.5	83
B	2	2	3	5	3.3	10.4	2	4	3	1.0	16.0	91
C	2	0	5	3	2.1	7.6	3	3	1	1.0	16.5	93
D	2	1	-0	7	3.0	28.0	2	3	1	1.0	16.5	99
E	2	2	5	3	4.0	11.0	3	3	1	1.0	16.5	94
A	6	0	2	7	2.0	9.0	2	2	1	1.0	15.5	87
A	3	4	1	7	2.0	17.0	2	2	3	1.0	16.5	99
A	5	13	1	7	3.0	22.0	2	5	3	1.0	15.5	82
28	5	14	1	6	4.0	20.0	1	5	3	.7	14.5	81
8	3	4	2	7	3.0	19.0	3	3	3	1.0	16.0	92
1	5	6	1	5	3.0	14.0	2	2	1	1.0	15.0	95
10	7	0	3	8	6.0	13.0	2	2	1	1.0	14.5	93
11	7	2	5	1	5.0	10.0	2	2	1	1.0	14.5	88
24A	7	3	5	3	7.0	14.0	2	3	1	.7	14.5	89
20A	7	2	5	1	1.0	15.0	3	3	1	.7	14.5	89
10A	3	3	1	1	4.0	12.0	2	2	3	1.2	17.5	96
X	7	2	5	1	3.0	8.0	3	3	1	.7	14.0	89
4	7	2	5	2	3.0	10.0	2	2	1	.7	14.5	88
8	3	6	1	1	8.0	9.0	5	5	3	.7	14.0	85
46	3	1	2	5	6.0	15.0	3	2	1	1.0	15.5	99
27	7	1	4	3	5.0	12.0	5	3	1	.7	14.5	94
1	5	1	4	2	4.0	11.0	3	3	1	.7	14.5	94
16	3	7	1	1	4.0	7.0	3	3	3	.7	14.0	80
2	4	6	4	5	2.0	16.0	3	3	3	.7	16.5	109
11A	3	3	1	1	6.0	14.0	3	3	3	.7	14.0	93
5	7	1	5	7	5.0	7.0	3	3	1	.7	13.5	85
7	5	1	5	5	4.0	7.0	3	3	1	.7	14.0	81
47	3	2	5	1	3.0	6.0	3	3	1	1.0	15.5	96
9	4	3	5	3	7.0	11.0	1	5	1	1.0	17.0	85
6	5	3	3	3	3.0	9.0	5	3	1	.7	14.5	108
18	3	2	5	1	5.0	15.0	3	3	1	1.0	15.5	90
22	3	1	5	5	6.0	16.0	3	3	1	1.2	17.5	100
2	3	2	5	4	2.0	22.0	5	5	3	.7	14.0	73
4B	3	1	3	1	1.0	18.0	3	3	1	1.0	15.5	92
A	2	2	5	3	5.0	10.0	2	2	3	1.0	19.0	73
34	5	22	3	6	8.0	25.0	1	1	3	1.0	15.5	76
1	1	1	5	5	4.0	17.0	3	3	1	1.2	19.5	107
Y	7	2	5	3	4.0	11.0	3	5	1	.7	14.0	82
A	2	7	1	5	3.0	11.0	2	4	3	1.0	16.0	79
4	5	8	2	3	3.0	6.0	2	4	1	.7	14.5	78
10	5	1	4	3	4.0	8.0	3	3	1	.7	14.5	88

9	5	8	2	3	1.0	13.0	4	5	1	.7	14.0	78
8	3	6	2	3	9.0	8.0	2	5	3	1.0	16.0	79
12A	3	12	1	7	4.0	15.0	3	5	1	1.0	16.5	67
2A	3	5	1	1	7.0	9.0	3	5	3	1.0	16.5	92
3TA	2	8	1	7	2.0	12.0	4	2	3	1.0	16.0	78
3A	3	16	1	7	2.0	12.0	2	4	3	1.0	16.5	92
19A	3	20	3	7	1.0	5.0	2	5	1	1.0	16.5	85
3B	6	3	2	3	4.0	14.0	3	5	1	1.0	16.0	76
1A	2	3	5	1	5.0	9.0	3	5	1	1.0	16.0	86
41	6	2	3	5	3.0	9.0	3	5	1	1.0	16.0	85
Q	2	15	5	2	4.0	8.0	2	5	1	1.0	17.5	79
O	2	7	3	5	4.0	13.0	2	5	3	1.0	16.0	87
S	2	5	1	3	6.0	11.0	2	5	3	1.0	16.0	87
EU	6	1	3	3	3.0	6.0	5	5	1	1.0	16.0	85
U	5	5	5	5	9.0	0.	5	-0	2	1.0	15.5	63
2	3	2	2	3	8.0	18.0	2	3	1	1.0	16.0	99
2A	3	2	1	3	5.0	6.0	4	2	1	1.0	15.5	105
2S	3	2	2	5	3.0	41.0	3	4	1	1.0	16.0	88
EU	6	0	5	1	3.0	5.0	5	5	1	1.0	16.0	87
3N1	6	5	1	1	3.0	5.0	5	5	1	1.0	16.0	81
30A	5	18	2	5	0.	8.0	-0	5	3	1.0	15.5	75
42	5	9	1	7	11.0	7.0	2	2	3	1.0	15.5	71
R1	5	4	1	1	10.0	37.0	1	2	3	1.0	15.5	75
R2	5	6	3	1	10.0	37.0	1	2	3	1.0	15.5	80
14	5	3	3	5	4.0	9.0	2	2	1	.7	15.0	95
14A	5	4	3	5	3.0	21.0	3	2	1	.7	15.5	88
7A	5	7	2	5	4.0	11.0	2	2	1	.7	15.0	81
6A	5	1	5	5	5.0	17.0	4	5	1	.7	15.0	80
12A	5	8	2	7	10.0	14.0	2	4	1	1.0	15.0	88
13A	7	2	3	3	4.0	6.0	5	5	1	1.0	15.0	83
9A	7	1	5	1	5.0	18.0	5	5	1	1.0	15.0	85
18A	7	1	2	1	7.0	6.0	5	5	1	1.0	15.0	90
14A	7	4	1	5	4.0	8.0	3	5	1	.7	14.5	78
22A	5	18	1	3	3.0	28.0	2	5	3	.7	14.0	84
13	7	0	3	5	4.0	8.0	3	3	1	.7	14.0	86
57	6	1	5	3	5.0	10.0	3	5	1	.7	15.0	77
AVG	4	6	3	4	4.8	13.8	3	3	2	.9	15.5	86
CVR	40	90	56	55	54.9	52.1	41	37	52	20.9	12.0	11
MAX	7	22	5	8	18.0	41.0	5	5	3	1.2	19.5	109
MIN	1	1	1	1	1.0	5.0	1	1	1	.3	1.5	63
TOT	108	100	108	109	108.0	106.0	108	107	109	108.0	108.0	108

MYERS. C.A. AND J.L. VAN DEUSEN
PONDEROSA PINE. BLACK HILLS
1960. CARD ONE

SI= SITE INDEX

HT= HEIGHT

AG= AGE

EL= ELEVATION

SL= SLOPE

AS= ASPECT

DR= DISTANCE TO RIDGE (PERCENT)

SP= SLOPE POSITION

SD= SLOPE DISTANCE

PM= PERMEABILITY

SD= TOTAL SOIL DEPTH

ER= EROSION

A1= DEPTH OF A1 HORIZON

		SI	HT	AG	EL	SL	AS	DR	SP	SD	PM	SD	ER	A1
073	3	49	62	131	5400	9	62	68	1	1	1	7.00	1.00	1.50
029	3	39	51	199	5410	21	278	80	1	3	5	0.	1.00	3.25
074	1	54	69	138	5400	0	-0	-0	2	2	2	29.00	1.00	21.00
075	3	62	77	128	5100	15	358	68	1	1	2	17.00	1.00	1.00
091	3	54	65	114	5800	5	355	380	-0	2	1	33.00	1.00	2.25
098	3	48	63	147	4450	10	285	91	1	1	2	17.50	1.00	1.50
099	3	70	92	189	4750	55	310	20	3	3	3	35.00	1.00	3.00
111	1	60	79	158	5450	8	233	48	4	1	4	0.	1.00	9.00
116	1	67	79	111	4900	3	90	3	2	1	1	0.	1.00	0.
120	2	64	74	105	5100	31	85	59	1	1	4	0.	1.00	2.00
120	1	67	80	112	4650	11	142	36	3	2	2	0.	1.00	3.00
124	3	50	60	112	4700	39	240	32	4	3	1	0.	1.00	0.
130	3	44	57	147	5750	8	105	-0	5	1	1	0.	1.00	0.
137	3	46	55	116	5925	28	310	45	4	3	1	0.	1.00	2.00
129	1	70	91	154	4800	20	339	14	4	3	1	0.	1.00	2.00
136	1	58	76	176	5000	8	275	16	3	1	1	0.	1.00	1.50
043	3	57	76	125	6750	0	1	1	5	2	5	22.00	1.00	1.25
103	3	70	86	122	5750	10	160	84	-0	-0	-0	72.00	-0.	6.00
002	3	50	66	204	5130	31	329	66	4	3	5	27.30	1.00	0.
003	1	56	63	101	5460	12	175	38	4	4	5	60.30	1.00	12.75
006	3	62	69	100	4450	16	240	29	3	3	6	36.00	1.00	1.00
007	3	40	43	91	5050	63	269	62	6	3	3	16.00	1.00	1.50
008	3	52	68	149	5380	27	90	40	4	3	7	0.	1.00	.50
009	3	56	73	160	5350	12	323	21	3	4	-0	28.00	1.00	0.
010	3	46	57	120	4800	35	53	50	4	3	-0	0.	1.00	2.50
011	0	50	65	158	5200	42	282	53	4	3	-0	0.	1.00	3.75
012	3	52	62	114	5550	37	247	40	4	3	8	0.	1.00	0.
013	3	36	47	149	5300	31	143	97	5	3	5	0.	1.00	.50
014	3	51	67	161	5420	33	357	73	1	3	1	0.	1.00	.50
016	2	60	79	143	5000	12	59	13	3	3	3	0.	1.00	2.50
017	3	53	70	184	5400	47	64	56	4	3	9	0.	1.00	0.
018	3	41	52	129	5400	46	274	69	1	3	5	0.	1.00	3.00
019	3	50	65	165	4620	74	264	20	3	3	5	0.	1.00	0.
020	3	39	44	101	4720	56	262	40	4	3	5	0.	1.00	1.25
021	3	50	66	166	5300	24	157	73	-0	4	5	0.	1.00	2.50
022	3	53	69	143	5790	12	339	42	4	2	1	0.	1.00	3.75
023	1	61	80	159	5800	10	270	70	4	1	2	0.	1.00	3.50
024	3	50	66	161	5800	6	138	90	-0	1	1	0.	1.00	0.
025	3	52	68	308	6180	32	183	91	1	3	5	0.	1.00	2.00
026	2	53	69	142	5100	80	62	31	3	3	5	0.	1.00	0.
027	3	44	58	154	5525	41	170	94	5	3	9	0.	1.00	3.75
028	2	57	74	160	5300	58	103	9	3	3	4	0.	1.00	3.00
030	3	44	58	151	5800	3	50	100	5	1	5	0.	1.00	3.75
032	2	66	86	171	5300	40	67	50	4	3	1	0.	1.00	4.00
033	1	73	95	169	5280	2	13	0	2	2	2	0.	1.00	3.75
047	3	58	76	148	5600	38	234	42	4	3	9	0.	2.00	1.50
048	3	52	67	141	5800	27	270	28	4	3	7	0.	1.00	0.
001	3	45	59	209	6150	24	291	73	1	3	6	6.00	1.00	0.
004		-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	0.	-0.	.50
005	1	57	74	158	5125	12	121	40	1	4	6	23.00	2.00	1.25
037	3	58	68	110	4550	15	187	40	4	3	5	8.00	1.00	1.00
038	3	57	67	112	4450	32	256	10	3	3	3	32.00	2.00	2.00
039	3	53	69	194	4800	49	355	47	4	3	4	31.00	1.00	2.50
041	3	66	86	167	4950	45	30	45	4	3	9	26.00	1.00	5.00
042	3	56	71	130	5100	43	72	48	4	3	9	0.	2.00	2.75
060	3	61	71	108	4650	6	108	100	5	3	2	26.00	1.00	1.50
061	3	61	72	112	4600	30	55	60	1	3	2	18.00	1.00	1.50
062	1	67	78	108	-0	5	250	65	3	-0	9	52.00	1.00	0.
063	3	40	53	163	5450	38	98	89	1	3	5	6.00	1.00	1.00
082	3	45	53	111	4900	33	107	55	3	3	5	8.00	1.00	2.00
083	1	64	83	148	5000	9	111	18	3	1	2	25.00	1.00	0.
084	1	75	78	88	5160	13	198	25	3	1	1	57.00	1.00	3.50
090	1	67	87	198	5250	5	352	49	4	1	1	46.00	1.00	2.00
093	3	64	80	126	5250	10	55	62	1	1	5	2.00	1.00	2.50
094	1	60	78	176	5250	14	8	23	3	1	2	33.00	1.00	9.00
095	3	39	50	140	5050	40	47	49	1	3	1	3.00	2.00	3.00
096	3	37	48	211	5450	38	315	49	4	3	5	10.00	1.00	2.25
097	1	76	99	210	4900	11	125	39	-0	2	2	50.00	1.00	6.00
100	1	72	86	113	5400	16	79	8	3	1	1	46.00	1.00	0.
102	3	67	78	109	5150	5	360	63	4	2	9	0.	1.00	6.00
109	1	52	62	114	4200	7	60	95	5	1	9	0.	1.00	1.50
110	2	62	71	105	5100	23	170	26	4	3	-0	0.	1.00	1.50
112	3	62	81	160	5400	3	97	1	5	2	1	0.	1.00	.50

117	1	71	92	150	4870	19	350	33	3	3	1	0.	1.00	10.00
119	3	39	51	148	5200	6	15	99	1	2	5	8.00	1.00	3.00
121	3	-0	-0	-0	4800	24	344	-0	3	3	1	0.	1.00	0.
122	3	51	61	114	4800	28	339	88	4	3	2	0.	1.00	0.
126	3	63	68	94	5000	20	336	18	4	3	2	0.	1.00	0.
127	3	49	64	148	5075	11	34	87	5	3	1	0.	1.00	2.00
015	3	58	60	87	5900	37	227	25	3	3	9	35.00	1.00	2.50
031	3	63	78	123	5900	12	248	60	6	3	8	0.	1.00	6.25
051	1	-0	-0	-0	5275	6	55	-0	4	3	3	0.	1.00	6.00
052	3	69	90	146	5850	27	352	21	3	3	9	30.00	1.00	0.
064	2	51	61	114	5500	25	319	34	2	3	5	20.00	2.00	7.50
068	1	68	72	90	6200	11	62	35	2	1	9	62.00	1.00	1.50
071	3	62	81	159	6400	3	0	0	-0	2	8	31.00	1.00	2.00
079	3	56	72	143	5900	5	180	100	-0	-0	-0	14.00	1.00	0.
089	3	68	77	102	6175	9	115	12	3	1	2	18.00	1.00	0.
092	3	70	73	87	5600	10	270	35	4	1	1	30.00	1.00	2.50
101	3	58	70	117	5900	1	1	1	5	5	2	0.	1.00	0.
104	1	65	81	128	5700	31	65	71	1	3	2	0.	1.00	0.
105	3	52	68	142	4700	6	255	98	1	1	4	0.	1.00	0.
113	1	63	82	150	5400	9	199	63	6	1	1	0.	1.00	0.
118	3	60	79	149	4800	30	348	52	3	3	1	0.	1.00	1.50
125	3	36	47	172	4800	2	1	100	5	3	4	0.	1.00	0.
034	3	55	70	130	4350	37	156	11	3	3	3	56.00	1.00	3.25
035	3	52	67	133	4800	38	353	43	-0	-0	-0	14.00	-0.	4.00
036	3	53	61	106	4750	18	125	50	1	3	3	19.00	1.00	2.00
044	3	60	74	120	6450	36	195	61	4	3	3	18.00	2.00	0.
045	3	63	81	136	6750	12	41	20	3	3	9	26.00	1.00	4.75
046	3	59	74	131	6950	16	167	36	3	3	9	24.00	1.00	1.50
049	3	37	45	121	4475	1	1	100	5	2	8	12.00	1.00	4.00
050	3	66	82	126	5100	27	177	63	5	3	3	25.00	1.00	2.25
053	3	56	68	118	5950	45	136	49	4	3	3	20.00	1.00	3.50
054	3	54	70	140	6350	27	188	61	4	3	7	12.00	1.00	0.
055	3	52	68	150	6550	24	223	30	-0	1	4	14.00	1.00	2.50
056	3	71	93	181	6075	8	158	34	-0	-0	3	0.	1.00	.50
057	3	63	76	117	6675	5	308	60	4	2	2	25.00	1.00	6.25
058	3	64	78	118	6750	2	301	44	4	2	9	14.00	1.00	1.25
059	3	65	80	122	6650	17	3	38	4	2	9	15.00	1.00	1.25
065	2	60	74	124	6150	2	231	1	2	2	4	30.00	1.00	5.50
066	2	68	89	164	5600	70	134	72	6	3	4	16.00	2.00	9.00
067	3	62	70	102	5975	34	218	46	4	3	2	20.00	2.00	2.00
069	3	57	67	111	5900	13	225	80	4	3	9	37.00	2.00	3.00
080	3	60	65	94	6400	12	262	50	4	3	4	32.00	1.00	0.
072	3	59	77	160	5600	28	60	51	1	3	-0	14.00	2.00	1.25
076	3	38	47	121	6350	5	1	100	5	2	1	7.00	2.00	0.
077	3	61	80	167	6400	10	219	56	6	3	2	24.00	1.00	2.50
078	3	57	71	126	6500	46	247	24	3	3	1	14.00	2.00	6.00
080	1	-0	71	135	6150	5	360	0	2	2	2	35.00	1.00	9.00
081	3	49	64	144	4325	3	319	100	5	2	2	38.00	1.00	6.00
085	3	60	79	108	4650	0	299	1	5	1	2	42.00	1.00	4.50
086	2	53	69	161	5150	45	235	67	6	3	1	18.00	2.00	0.
087	0	68	70	87	5375	15	66	82	1	3	2	21.00	1.00	.50
088	3	67	76	103	5375	27	65	37	4	3	1	24.00	1.00	1.00
105	3	66	82	126	5300	8	330	100	5	2	1	0.	1.00	0.
106	3	46	57	123	4700	1	-0	100	5	5	9	0.	1.00	.75
107	3	56	72	142	4650	15	190	48	4	-0	2	0.	1.00	2.00
114	3	54	62	104	4175	5	345	80	1	2	1	0.	1.00	0.
115	3	65	72	97	4200	3	225	64	1	1	4	0.	1.00	5.50
128	3	60	68	103	4550	14	235	69	1	3	1	0.	1.00	2.00
131	3	57	63	98	4850	18	36	60	4	3	2	0.	1.00	0.
132	3	60	78	147	5200	45	125	56	4	3	1	0.	1.00	11.00
133	3	49	54	98	5550	5	350	100	5	1	2	0.	1.00	6.00
134	3	53	60	103	5400	11	3	70	1	3	1	0.	1.00	5.00
135	3	50	56	97	5000	16	61	22	3	3	2	0.	1.00	0.
138	3	63	78	122	6375	40	247	30	3	3	2	0.	1.00	0.
139	3	58	72	125	6400	39	298	28	4	3	2	0.	1.00	0.
AVG		57	70	136	5381	22	187	54	3	2	4	25.66	1.10	3.41
CVR		16	16	24	12	78	60	74	43	36	73	58.36	27.73	89.27
MAX		76	99	308	6950	80	360	380	6	5	9	72.00	2.00	21.00
MIN		36	43	87	4175	1	1	1	1	1	1	2.00	1.00	.50
TOT		134	135	135	136	134	134	130	127	131	129	71.00	135.00	101.00

MYERS. C.A. AND J.L. VAN DEUSEN
PONDEROSA PINE, BLACK HILLS
1960. CARD TWO

A1 HORIZON

SA= SAND PERCENT SI= SILT PERCENT

CL= CLAY PERCENT

A3 HORIZON

PH= PH SA= SAND PERCENT

SI= SILT PERCENT CL= CLAY PERCENT

C HORIZON

PH= PH SA= SAND

PH= PH SA= SAND PERCENT

SI= SILT PERCENT CL= CLAY PERCENT BA= BASAL AREA

	SA	SI	CL	PH	SA	SI	CL	PH	SA	SI	CL	BA
6.8	0.	0.	0.	6.3	34.4	51.2	14.4	5.8	29.2	55.6	15.2	115.0
.	0.	0.	0.	0.	0.	0.	0.	5.7	54.8	30.0	15.2	-0.
6.3	54.2	36.2	9.6	0.	0.	0.	0.	6.2	63.2	26.2	10.6	-0.
6.8	13.2	62.4	24.4	7.2	13.2	62.0	24.8	7.1	16.8	58.4	24.8	50.0
6.3	34.0	41.6	24.4	6.3	29.6	43.6	26.8	6.5	18.2	46.8	35.0	75.0
6.0	47.2	39.0	13.8	5.8	64.8	25.6	9.6	6.0	78.4	18.0	3.6	130.0
6.0	31.4	50.8	17.8	0.	0.	0.	0.	6.8	20.6	42.0	37.4	95.0
6.3	69.6	19.2	11.2	7.0	62.4	27.6	10.0	7.5	44.4	30.8	24.8	75.0
6.5	39.2	41.0	19.8	0.	0.	0.	0.	0.	0.	0.	0.	75.0
6.2	34.4	44.6	19.0	0.	0.	0.	0.	6.2	36.2	33.4	30.4	120.0
5.8	32.8	49.2	18.0	0.	0.	0.	0.	7.5	33.6	30.4	36.0	-0.
6.0	41.8	44.0	14.2	6.3	41.6	45.0	13.4	6.5	50.4	29.0	20.6	125.0
.	0.	0.	0.	6.2	59.4	29.0	11.6	6.0	80.0	13.6	6.4	125.0
.	0.	0.	0.	6.4	30.6	55.0	14.4	5.9	29.6	56.6	13.8	140.0
6.5	41.4	46.6	12.0	0.	0.	0.	0.	6.3	40.2	51.6	8.2	135.0
5.7	35.2	46.2	18.6	6.2	31.8	46.6	21.6	0.	24.4	43.0	32.6	150.0
6.3	27.6	57.2	15.2	0.	0.	0.	0.	7.0	27.6	45.4	27.0	125.0
6.2	45.6	38.0	16.4	0.	0.	0.	0.	0.	0.	0.	0.	75.0
5.8	32.6	47.8	19.6	5.8	35.8	45.4	18.8	0.	0.	0.	0.	150.0
6.1	0.	0.	0.	0.	0.	0.	0.	6.1	0.	0.	0.	155.0
5.8	0.	0.	0.	0.	0.	0.	0.	8.0	30.8	20.2	41.0	-0.
6.3	32.4	49.4	18.2	0.	0.	0.	0.	6.5	24.4	58.0	17.6	-0.
6.1	0.	0.	0.	0.	0.	0.	0.	6.3	29.2	49.4	21.4	-0.
.	0.	0.	0.	0.	0.	0.	0.	6.3	30.8	55.2	14.0	-0.
6.3	24.4	56.0	19.6	0.	0.	0.	0.	0.	0.	0.	0.	-0.
6.0	35.6	46.8	17.6	0.	0.	0.	0.	6.3	52.4	36.6	11.0	-0.
.	0.	0.	0.	0.	0.	0.	0.	6.0	80.2	11.8	8.0	-0.
5.9	0.	0.	0.	0.	0.	0.	0.	5.9	74.0	18.0	8.0	-0.
5.9	0.	0.	0.	0.	0.	0.	0.	6.1	64.4	25.6	10.0	-0.
5.8	25.8	56.4	17.8	6.0	16.8	51.0	32.2	7.0	26.4	39.4	34.2	130.0
.	0.	0.	0.	0.	0.	0.	0.	6.0	28.0	34.6	37.4	80.0
5.8	28.2	53.0	18.8	0.	0.	0.	0.	6.3	38.8	36.8	24.4	-0.
.	0.	0.	0.	0.	0.	0.	0.	7.2	20.4	43.4	36.2	-0.
7.0	0.	0.	0.	0.	0.	0.	0.	6.5	21.8	40.0	38.2	-0.
6.0	60.4	27.4	12.2	0.	0.	0.	0.	6.4	62.4	22.6	15.0	-0.
6.4	46.8	39.4	13.8	0.	0.	0.	0.	6.3	66.0	25.0	9.0	-0.
6.3	37.2	49.2	18.6	0.	0.	0.	0.	7.0	48.0	30.2	21.8	-0.
6.0	40.4	41.6	18.0	0.	0.	0.	0.	5.9	50.2	39.4	10.4	-0.
6.2	57.0	32.4	10.6	0.	0.	0.	0.	6.5	77.0	19.0	4.0	-0.
.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-0.
6.3	32.2	50.6	17.2	0.	0.	0.	0.	6.4	30.4	39.6	30.0	-0.
6.3	24.8	54.6	20.6	6.5	22.8	55.2	22.0	7.0	24.8	51.0	24.2	-0.
6.0	24.6	58.4	17.0	0.	0.	0.	0.	5.7	24.0	64.8	11.2	105.0
6.3	23.2	55.8	21.0	0.	0.	0.	0.	6.2	25.8	42.2	32.0	100.0
5.9	26.0	54.0	20.0	0.	0.	0.	0.	6.4	89.2	5.5	5.3	125.0
6.3	31.2	47.2	21.6	6.3	22.4	46.6	31.0	6.5	23.8	46.0	30.2	85.0
.	0.	0.	0.	0.	0.	0.	0.	6.0	45.8	42.2	12.0	150.0
.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-0.
.	0.	0.	0.	0.	0.	0.	0.	5.9	44.0	28.0	28.0	-0.
.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-0.
5.7	71.6	19.6	8.8	0.	0.	0.	0.	5.3	83.0	9.9	7.1	105.0
6.1	40.4	40.4	19.2	0.	0.	0.	0.	8.0	41.4	35.6	23.0	95.0
6.5	32.4	55.0	12.6	0.	0.	0.	0.	7.0	84.5	6.9	8.6	120.0
5.6	41.2	47.8	11.0	5.9	54.6	22.6	22.8	5.9	36.2	30.2	33.6	115.0
6.2	45.2	42.8	12.0	0.	0.	0.	0.	6.0	45.2	26.6	28.2	80.0
6.5	34.4	49.2	16.4	0.	0.	0.	0.	8.0	30.0	20.4	49.6	145.0
6.3	43.2	38.4	18.4	0.	0.	0.	0.	5.9	70.4	11.0	18.6	105.0
.	0.	0.	0.	0.	0.	0.	0.	7.0	39.2	34.6	26.2	165.0
5.7	59.2	29.0	11.8	0.	0.	0.	0.	6.0	84.8	9.6	5.6	115.0
6.3	57.8	32.6	9.6	0.	0.	0.	0.	5.5	74.4	16.0	9.6	115.0
.	0.	0.	0.	0.	0.	0.	0.	6.3	52.2	28.6	19.2	120.0
6.0	43.2	34.4	22.4	6.0	41.4	38.8	19.8	0.	0.	0.	0.	130.0
6.0	43.8	39.8	16.4	0.	0.	0.	0.	6.5	56.0	25.4	18.6	85.0
6.0	57.4	26.2	16.4	0.	0.	0.	0.	0.	0.	0.	0.	100.0
5.3	44.0	43.6	12.4	6.0	46.4	42.0	11.6	6.3	45.2	31.4	23.4	115.0
6.0	57.6	26.0	16.4	0.	0.	0.	0.	5.0	68.4	18.0	13.6	110.0
6.0	58.0	28.6	13.4	0.	0.	0.	0.	5.5	73.8	14.6	11.6	175.0
6.0	46.4	36.6	17.0	0.	0.	0.	0.	0.	0.	0.	0.	125.0

.	0.	0.	0.	6.0	47.8	39.6	12.6	7.0	52.4	28.2	19.4	165.0
5.8	33.8	47.6	18.6	0.	0.	0.	0.	6.0	62.2	28.6	9.2	115.0
6.0	53.0	30.6	16.4	0.	0.	0.	0.	0.	0.	0.	0.	185.0
5.7	31.8	49.4	18.8	0.	0.	0.	0.	5.8	30.4	56.2	13.4	185.0
.	0.	0.	0.	6.3	57.6	31.4	11.0	6.5	73.8	19.4	6.8	90.0
6.0	41.6	42.0	16.4	6.4	37.2	45.6	17.2	6.0	27.2	41.6	31.2	110.0
5.8	54.8	30.6	14.6	0.	0.	0.	0.	5.5	49.2	36.0	14.8	140.0
.	0.	0.	0.	0.	0.	0.	0.	6.5	31.2	39.6	29.2	-0.
.	0.	0.	0.	6.3	44.8	42.4	12.8	6.4	50.4	26.0	23.6	150.0
.	0.	0.	0.	0.	0.	0.	0.	6.2	32.4	38.0	29.6	120.0
5.3	42.2	43.0	14.8	0.	0.	0.	0.	6.0	59.8	23.6	16.6	140.0
6.0	37.0	48.8	14.2	0.	0.	0.	0.	6.0	50.0	17.8	32.2	-0.
6.3	23.0	38.0	39.0	0.	0.	0.	0.	0.	0.	0.	0.	140.0
5.9	20.6	57.4	22.0	0.	0.	0.	0.	0.	0.	0.	0.	-0.
6.1	0.	0.	0.	0.	0.	0.	0.	8.0	0.	0.	0.	165.0
5.9	59.8	34.6	11.6	0.	0.	0.	0.	6.2	53.4	26.0	20.6	165.0
6.0	36.8	45.6	17.6	0.	0.	0.	0.	8.0	16.4	39.2	44.4	100.0
6.5	23.2	46.4	30.4	6.5	21.6	44.0	34.4	8.0	26.4	37.8	35.8	115.0
.	0.	0.	0.	6.5	46.2	31.4	22.4	7.0	71.6	8.4	20.0	100.0
.	0.	0.	0.	6.0	22.2	53.0	24.8	8.0	12.4	25.0	62.6	75.0
6.3	50.4	36.6	13.0	5.8	51.2	36.6	12.2	6.0	83.4	13.0	3.6	75.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	20.0	27.8	52.2	85.0
.	0.	0.	0.	6.2	52.4	30.6	17.0	8.0	26.4	40.8	32.8	145.0
.	0.	0.	0.	6.0	47.2	34.4	18.4	0.	0.	0.	0.	200.0
.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	80.0
6.4	53.6	33.2	13.2	6.3	55.2	34.0	10.8	6.3	63.0	27.4	9.6	125.0
.	0.	0.	0.	6.5	58.8	29.4	11.8	6.0	74.8	16.8	8.4	90.0
6.5	52.6	31.4	16.0	7.0	25.2	25.6	49.2	8.0	26.4	40.0	33.6	120.0
7.0	15.2	48.2	36.6	0.	0.	0.	0.	8.0	18.4	47.6	34.0	175.0
6.0	22.6	55.4	22.0	0.	0.	0.	0.	8.2	17.0	46.8	36.2	65.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	35.6	30.8	33.6	100.0
6.0	16.0	57.8	26.2	0.	0.	0.	0.	8.0	30.0	41.8	28.2	110.0
6.2	22.6	56.6	20.8	0.	0.	0.	0.	8.0	30.4	42.2	27.4	150.0
8.0	24.4	53.4	22.2	0.	0.	0.	0.	8.0	45.4	21.2	33.4	50.0
6.8	27.6	47.4	25.0	0.	0.	0.	0.	8.0	17.8	28.0	54.2	120.0
7.5	13.4	44.6	42.0	0.	0.	0.	0.	8.1	19.0	47.4	33.6	135.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	35.0	44.2	20.8	135.0
6.2	14.4	44.6	41.0	0.	0.	0.	0.	8.0	36.0	34.4	29.6	-0.
5.3	0.	0.	0.	0.	0.	0.	0.	8.0	41.8	37.0	21.2	-0.
5.9	32.2	52.6	15.2	0.	0.	0.	0.	0.	0.	0.	0.	205.0
5.8	25.6	57.4	17.0	0.	0.	0.	0.	8.0	32.8	56.8	10.4	65.0
6.0	20.2	63.4	16.4	0.	0.	0.	0.	8.0	17.6	31.4	51.0	130.0
6.3	18.2	52.0	29.8	0.	0.	0.	0.	8.0	58.0	22.4	19.6	100.0
8.0	29.2	40.0	30.8	0.	0.	0.	0.	8.0	30.4	38.0	31.6	75.0
7.8	33.8	35.8	30.4	0.	0.	0.	0.	8.0	48.0	25.4	26.6	130.0
6.3	59.2	29.0	11.8	0.	0.	0.	0.	8.0	34.4	38.0	27.6	70.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	25.2	46.6	25.2	80.0
7.5	31.2	38.0	30.8	7.5	20.0	41.6	38.4	8.0	19.6	40.4	40.0	110.0
.	0.	0.	0.	8.0	14.0	42.4	43.6	0.	0.	0.	0.	85.0
6.2	27.2	45.2	27.6	7.3	28.2	41.4	30.4	8.0	33.6	29.0	37.4	65.0
7.5	17.6	47.2	35.2	8.0	17.8	44.6	37.6	8.0	19.4	46.4	34.2	75.0
6.3	21.6	53.2	25.2	6.3	20.2	56.4	23.4	8.0	35.2	37.6	27.2	50.0
6.0	28.6	42.0	29.4	0.	0.	0.	0.	8.0	45.0	20.6	34.4	100.0
8.1	58.8	29.6	11.6	7.0	57.2	32.6	10.2	8.0	54.4	27.8	17.8	60.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	27.6	40.6	31.8	90.0
.	0.	0.	0.	6.0	32.4	45.2	22.4	8.0	46.4	39.8	13.8	115.0
6.0	24.8	55.8	19.4	6.0	27.6	52.0	20.4	8.0	25.0	48.2	26.8	105.0
.	0.	0.	0.	0.	0.	0.	0.	7.0	76.4	10.0	13.6	165.0
6.3	24.4	50.4	25.2	6.0	19.6	52.2	28.2	8.0	15.0	38.4	46.6	100.0
7.0	16.8	46.6	36.6	0.	0.	0.	0.	8.0	17.4	49.0	33.6	105.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	25.4	41.0	33.6	125.0
7.0	19.4	46.6	34.0	0.	0.	0.	0.	8.0	17.6	42.4	40.0	130.0
6.0	21.4	43.2	35.4	6.3	19.2	45.2	35.6	8.0	62.8	29.6	7.6	115.0
.	0.	0.	0.	8.0	33.2	36.0	30.8	0.	0.	0.	0.	90.0
8.0	28.2	38.6	33.2	8.0	22.6	39.0	38.4	8.0	27.2	40.4	32.4	105.0
8.0	21.4	38.8	39.8	0.	0.	0.	0.	8.0	20.8	40.4	38.8	135.0
8.0	37.6	36.0	26.4	0.	0.	0.	0.	8.0	43.4	28.0	28.6	120.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	34.4	30.0	35.6	155.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	33.2	37.4	29.4	95.0
.	0.	0.	0.	0.	0.	0.	0.	8.0	27.2	38.6	34.2	120.0
AVG	35.9	43.9	20.3	6.5	36.3	41.3	22.4	7.0	41.8	33.4	24.6	115.0
CVR	38.6	22.0	39.3	9.9	42.2	23.1	46.1	13.3	47.8	38.1	50.3	28.7
MAX	71.6	63.4	42.0	8.0	64.8	62.0	49.2	8.2	89.2	64.8	62.6	205.0
MIN	13.2	19.2	8.8	5.8	13.2	22.6	9.6	5.0	12.4	5.5	3.6	50.0
TOT	91.0	91.0	91.0	41.0	41.0	41.0	41.0	119.0	118.0	118.0	118.0	107.0

PATTEN, D. T.
DOUGLAS FIR

EL-ELEVATION
SL-SLOPE
EX-EXPSURE
SD-SOIL DEPTH
BD-BULK DENSITY
BD-BULK DENSITY 2MM
RO-ROCK
SA-PERCENT SAND
SI-PERCENT SILT
CL-PERCENT CLAY
.3-H20 RETENTION .3 ATMOS.
15-H20 RETENTION 15 ATMOS.

		EL	SL	EX	SD	BD	BD	RO	SA	SI	CL	.3	15
DOUGLAS FIR	011	7440	15	260	56	1.07	.73	49.90	59.00	30.80	10.20	22.20	8.60
DOUGLAS FIR	023	7450	21	270	15	1.44	1.11	49.20	42.00	49.40	8.60	32.60	13.10
DOUGLAS FIR	024	7840	2	315	13	1.17	.78	56.10	58.00	35.20	6.80	24.70	10.90
DOUGLAS FIR	028	7740	34	284	61	1.12	.73	55.90	61.20	32.50	6.30	32.00	18.50
DOUGLAS FIR	029	7690	25	94	15	1.12	.78	50.40	48.20	36.20	15.60	24.80	13.10
DOUGLAS FIR	041	8020	36	278	38	1.57	1.21	51.60	46.00	41.30	12.70	34.80	17.20
DOUGLAS FIR	042	7760	31	98	6	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
DOUGLAS FIR	056	8000	32	276	41	1.26	.69	70.30	40.00	44.90	15.10	35.40	19.80
DOUGLAS FIR	057	7870	27	80	51	.95	.71	37.00	55.40	29.40	15.20	30.40	15.50
DOUGLAS FIR	068	7520	26	112	26	1.35	.96	54.60	55.80	33.40	10.60	23.50	9.30
DOUGLAS FIR	073	8400	24	287	51	.97	.61	51.60	38.60	51.10	10.30	35.50	18.10
DOUGLAS FIR	090	8110	17	283	38	1.04	.80	37.70	45.70	40.40	13.90	37.60	20.30
DOUGLAS FIR	163	7720	33	150	20	1.27	1.16	18.60	44.50	37.40	18.10	29.00	13.30
DOUGLAS FIR	165	7680	21	27	13	1.12	.44	75.70	48.00	35.60	16.40	40.70	23.60
DOUGLAS FIR	166	7600	25	275	20	.88	.58	44.30	31.20	53.20	15.10	36.10	19.00
DOUGLAS FIR	169	8160	20	124	31	1.25	.83	59.20	40.70	42.10	17.20	38.60	19.70
DOUGLAS FIR	180	7880	32	35	3	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
DOUGLAS FIR	187	8000	31	247	38	.88	.51	54.00	41.60	47.20	11.20	34.20	16.00
DOUGLAS FIR	073	8400	24	287	51	.97	.61	51.60	38.60	51.10	10.30	35.50	18.10
AVG		7857	25	199	31	1.14	.78	51.04	46.74	40.67	12.56	32.21	16.12
CVR		4	32	50	58	17.06	28.31	24.95	18.21	18.86	28.66	17.37	25.93
MAX		8400	36	315	61	1.57	1.21	75.70	61.20	53.20	18.10	40.70	23.60
MIN		7440	2	27	3	.88	.44	18.60	31.20	29.40	6.30	22.20	8.60
TOT		19	19	19	19	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00

PATTEN, D. T.
GRASSLAND

EL-ELEVATION

EX-EXPSURE

BD-BULK DENSITY

RO-ROCK

SI-PERCENT SILT

.3-H20 RETENSION .3 ATMOS.

SL-SLOPE

SD-SOIL DEPTH

BD-BULK DENSITY 2MM

SA-PERCENT SAND

CL-PERCENT CLAY

15-H20 RETENSION 15 ATMOS.

		EL	SL	EX	SD	BD	BD	RO	SA	SI	CL	.3	15
GRASSLAND	192	8960	10	212	67	.93	.68	39.30	63.80	29.00	7.20	32.60	25.10
GRASSLAND	058	7560	19	49	62	.69	.64	10.00	68.30	14.80	16.90	35.90	25.90
GRASSLAND	065	8010	7	310	65	.58	.57	2.60	65.20	24.80	10.30	63.90	54.10
GRASSLAND	082	8190	8	325	62	.84	.77	12.70	58.20	29.00	11.90	37.50	21.00
GRASSLAND	111	8600	4	292	61	.68	.66	2.60	49.30	40.20	10.50	39.30	27.80
GRASSLAND	116	7860	10	90	77	.89	.87	4.30	58.80	23.50	17.70	58.20	46.20
GRASSLAND	121	8250	8	275	46	.83	.81	5.60	60.20	34.10	5.70	43.50	31.80
GRASSLAND	145	7140	20	79	61	.96	.74	35.10	59.30	36.00	4.70	24.90	16.10
GRASSLAND	148	7470	3	5	77	.70	.62	16.00	47.50	44.60	8.00	41.00	29.30
GRASSLAND	161	8320	7	315	77	.68	.67	4.20	57.30	32.10	10.60	44.60	34.60
GRASSLAND	164	7160	12	255	66	1.18	1.00	29.30	55.10	37.00	6.90	30.50	16.70
LIMB WB PINE	154	8920	32	66	46	1.16	.94	33.90	61.40	31.00	7.60	19.30	8.30
LIMB WB PINE	190	8560	30	268	13	1.32	.66	75.40	37.70	46.40	15.90	26.40	10.10
LIMB WB PINE	194	8840	23	80	31	1.01	.84	27.50	59.60	29.90	10.50	17.40	7.80
LIMB WB PINE	200	8520	9	9	65	1.12	.99	21.50	51.50	32.90	15.60	27.50	12.70
GRASSLAND	032	7660	5	306	77	.74	.70	9.00	55.10	35.90	9.00	40.70	25.10
GRASSLAND	046	6700	0	-0	46	1.03	.72	45.60	73.20	24.80	2.00	30.40	21.00
GRASSLAND	048	7860	7	317	56	1.00	.85	24.80	53.80	38.40	7.80	32.00	19.40
GRASSLAND	049	8070	8	297	72	1.15	1.00	24.80	54.70	40.40	4.90	29.50	15.40
AVG		8045	12	197	59	.92	.78	22.33	57.37	32.93	9.67	35.53	23.60
CVR		8	71	62	29	22.70	17.61	83.17	13.77	23.50	45.29	33.18	51.67
MAX		8960	32	325	77	1.32	1.00	75.40	73.20	46.40	17.70	63.90	54.10
MIN		6700	3	5	13	.58	.57	2.60	37.70	14.80	2.00	17.40	7.80
TOT		19	18	18	19	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00

PATTEN, D. T.
LODGEPOLE PINE

EL-ELEVATION
SL-SLOPE
EX-EXPSURE
SD-SOIL DEPTH
BD-BULK DENSITY
BD-BULK DENSITY 2MM
RO-ROCK
SA-PERCENT SAND
SI-PERCENT SILT
CL-PERCENT CLAY
.3-H20 RETENSION .3 ATMOS.
15-H20 RETENSION 15 ATMOS.
CA-CALCIUM
K -POTASSIUM
OM-ORGANIC MATTER

		EL	SL	EX	SD	BD	BD	RO	SA	SI	CL	.3	15	PH	P	CA	K	OM
PINE	005	6820	7	350	15	1.40	1.17	36.70	53.70	36.70	9.60	27.40	8.00	5.90	11.00	7.30	.508	3.700
PINE	177	7660	20	355	61	1.09	.75	50.30	52.90	36.00	10.80	32.60	16.20	5.30	21.00	9.70	1.060	4.800
PINE	012	7620	10	287	15	1.22	1.01	33.10	53.90	37.50	8.60	23.30	8.30	-0.	-0.	-0.	-0.	-0.
PINE	014	6820	16	320	46	.97	.78	31.00	46.70	42.30	11.00	22.40	7.70	-0.	-0.	-0.	-0.	-0.
PINE	015	6870	15	278	36	.95	.53	58.60	33.20	50.10	16.70	39.10	25.40	-0.	-0.	-0.	-0.	-0.
PINE	017	7080	16	33	31	.73	.64	16.70	55.60	40.30	4.10	36.40	15.70	-0.	-0.	-0.	-0.	-0.
PINE	018	6730	21	27	36	1.00	.80	32.20	49.70	34.80	15.50	24.50	15.70	-0.	-0.	-0.	-0.	-0.
PINE	022	7460	18	255	31	1.10	.67	61.50	56.90	32.10	11.00	28.30	12.80	-0.	-0.	-0.	-0.	-0.
PINE	030	6890	21	75	46	1.07	.90	28.20	69.30	21.90	8.80	31.00	18.40	-0.	-0.	-0.	-0.	-0.
PINE	031	6720	17	298	26	1.06	1.01	9.90	36.20	35.20	28.60	29.60	16.20	-0.	-0.	-0.	-0.	-0.
PINE	037	7900	4	340	3	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
PINE	038	7040	27	75	20	1.20	.58	71.60	32.40	51.30	16.30	39.30	17.30	-0.	-0.	-0.	-0.	-0.
PINE	051	7710	4	228	51	1.38	1.22	26.60	50.40	38.40	11.10	20.30	6.40	-0.	-0.	-0.	-0.	-0.
PINE	060	6990	7	40	51	1.21	1.12	17.40	62.80	29.90	7.30	23.50	11.70	-0.	-0.	-0.	-0.	-0.
PINE	062	6820	15	0	31	1.26	1.08	30.50	43.00	45.60	11.40	22.90	7.20	-0.	-0.	-0.	-0.	-0.
PINE	070	7380	12	266	10	-0.	-0.	39.80	55.60	35.40	9.00	19.30	5.80	-0.	-0.	-0.	-0.	-0.
PINE	071	7180	26	84	18	1.11	.88	36.00	56.30	31.60	12.10	27.90	16.10	-0.	-0.	-0.	-0.	-0.
PINE	079	7200	14	230	15	1.26	1.08	30.00	59.70	33.30	7.00	12.40	3.40	-0.	-0.	-0.	-0.	-0.
PINE	083	8160	5	325	20	.88	.86	5.50	51.40	38.20	10.40	30.50	12.00	-0.	-0.	-0.	-0.	-0.
PINE	096	7460	12	354	31	1.69	1.42	41.80	47.00	39.00	14.00	22.70	7.60	-0.	-0.	-0.	-0.	-0.
PINE	105	7030	8	73	70	1.23	1.18	10.20	57.00	27.90	15.10	29.20	10.70	-0.	-0.	-0.	-0.	-0.
PINE	107	7520	0	-0	25	1.05	.87	28.00	37.90	47.30	14.80	25.70	9.30	-0.	-0.	-0.	-0.	-0.
PINE	127	7630	1	255	75	1.16	1.00	26.50	31.70	47.90	20.40	32.30	12.30	-0.	-0.	-0.	-0.	-0.
PINE	157	7200	16	243	15	1.17	.82	50.70	56.30	35.30	8.40	26.40	10.80	5.50	67.00	10.60	.660	-0.
PINE	176	7640	16	67	26	1.21	.97	37.80	53.40	34.10	12.50	23.40	9.50	-0.	-0.	-0.	-0.	-0.
PINE	197	8060	23	296	26	1.14	1.00	22.90	62.20	28.30	9.50	21.20	9.60	-0.	-0.	-0.	-0.	-0.
AVG		7292	14	215	32	1.15	.93	33.34	50.61	37.22	12.16	26.86	11.76	5.57	33.00	9.20	.743	4.250
CVR		6	50	55	57	16.55	23.28	48.63	19.73	19.37	40.86	23.32	41.94	5.49	90.50	18.54	38.393	18.302
MAX		8160	27	355	75	1.69	1.42	71.60	69.30	51.30	28.60	39.30	25.40	5.90	67.00	10.60	1.060	4.800
MIN		6720	1	27	3	.73	.53	5.50	31.70	21.90	4.10	12.40	3.40	5.30	11.00	7.30	.508	3.700
TOT		26	25	24	26	24.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	3.00	3.00	3.00	3.000	2.000

PATTEN, D. T.
LODGEPOLE PINE
SPRUCE FIR

EL-ELEVATION

EX-EXPSURE

BD-BULK DENSITY

RO-ROCK

SI-PERCENT SILT

.3-H2O RETENSION .3 ATMOS.

CA-CALCIUM

OM-ORGANIC MATTER

SL-SLOPE

SD-SOIL DEPTH

BD-BULK DENSITY 2MM

SA-PERCENT SAND

CL-PERCENT CLAY

15-H2O RETENSION 15 ATMOS.

K -POTASSIUM

		EL	SL	EX	SD	BD	BD	RO	SA	SI	CL	.3	15
LP-SP-FIR	001	6880	19	352	22	1.06	.76	43.50	39.80	44.40	15.80	25.10	12.10
LP-SP-FIR	003	6910	10	38	26	1.22	1.00	33.90	45.50	44.40	10.10	21.30	6.80
LP-SP-FIR	004	6720	25	73	18	1.19	.44	79.40	42.10	44.90	13.00	33.00	13.60
LP-SP-FIR	006	6650	16	32	56	1.40	1.22	30.00	41.20	45.00	13.80	24.50	9.30
LP-SP-FIR	008	7030	22	18	20	.75	.70	10.10	47.30	29.90	22.80	32.90	21.50
LP-SP-FIR	009	7040	13	8	46	1.11	1.04	13.90	44.50	38.10	17.40	30.80	15.00
LP-SP-FIR	016	7180	30	315	20	.73	.43	44.00	37.30	48.20	14.50	36.80	24.50
LP-SP-FIR	021	7500	14	15	28	.84	.69	24.30	40.70	34.20	25.10	37.00	22.70
LP-SP-FIR	026	6960	8	328	41	1.13	.93	32.30	51.60	36.90	11.50	26.00	8.60
LP-SP-FIR	027	6920	11	42	46	.81	.73	15.10	34.90	48.30	16.80	28.40	12.40
LP-SP-FIR	034	7880	11	15	20	1.00	.95	10.10	42.40	44.00	13.60	32.40	11.80
LP-SP-FIR	039	7080	24	260	31	1.11	.85	39.70	58.30	30.10	10.60	28.30	16.20
LP-SP-FIR	043	7230	15	16	75	1.02	.97	9.90	42.80	40.70	16.50	23.10	9.00
LP-SP-FIR	047	7840	4	260	61	1.23	1.16	14.30	41.40	46.80	11.80	26.80	7.80
LP-SP-FIR	053	7040	30	116	28	1.14	.46	75.90	43.00	46.50	10.50	40.20	19.30
LP-SP-FIR	054	7040	30	85	26	1.30	1.14	27.00	50.40	35.20	14.40	22.40	7.90
LP-SP-FIR	064	7360	15	330	23	.93	.79	23.40	37.00	36.50	26.50	35.00	18.90
LP-SP-FIR	069	7100	12	344	15	1.33	1.18	23.80	50.40	36.50	13.10	22.10	7.80
LP-SP-FIR	064	8080	8	339	20	.96	.59	53.60	36.10	49.70	14.20	30.70	10.10
LP-SP-FIR	066	8240	8	120	26	1.26	1.18	15.10	50.70	40.40	8.90	28.70	10.70
LP-SP-FIR	069	7010	22	285	54	1.32	1.21	19.20	37.90	38.10	24.00	27.80	13.10
LP-SP-FIR	076	7400	11	0	61	1.12	.94	29.60	52.90	33.30	13.80	30.20	15.50
LP-SP-FIR	077	7140	12	338	20	1.04	.87	28.70	57.00	33.60	9.40	26.70	11.60
LP-SP-FIR	078	7100	16	73	31	1.19	.97	33.90	63.00	30.50	6.50	31.50	18.30
LP-SP-FIR	080	7020	15	55	20	1.37	1.31	11.50	43.90	40.80	15.30	21.90	8.30
LP-SP-FIR	084	8200	19	82	46	.81	.70	18.60	48.80	39.00	12.20	26.20	11.60
LP-SP-FIR	085	7790	12	105	20	.88	.74	23.50	51.60	38.60	9.80	33.50	12.30
LP-SP-FIR	087	7180	21	335	41	.72	.47	39.00	45.50	45.90	8.60	22.60	6.90
LP-SP-FIR	091	8530	22	295	31	.90	.49	57.90	49.10	38.00	12.90	35.80	17.50
LP-SP-FIR	092	8400	6	112	38	1.38	.89	65.10	34.20	53.30	12.50	20.50	8.60
LP-SP-FIR	094	7610	4	33	38	1.32	1.16	26.30	51.80	38.40	9.80	26.50	10.20
LP-SP-FIR	095	7560	13	355	31	1.22	.95	40.70	42.00	44.50	13.50	26.80	9.40
LP-SP-FIR	097	7600	15	328	46	1.14	1.09	9.60	30.30	45.30	24.40	29.90	14.00
LP-SP-FIR	098	7380	25	3	80	1.11	.99	19.70	60.80	29.90	9.30	21.10	6.80
LP-SP-FIR	102	8410	4	288	25	1.10	1.03	13.90	51.00	31.30	17.70	22.90	10.20
LP-SP-FIR	104	7600	24	297	5	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
LP-SP-FIR	106	7320	6	334	51	1.22	1.07	24.20	48.40	36.00	15.60	25.00	9.40
LP-SP-FIR	112	8560	8	11	26	1.06	.71	51.10	41.10	45.40	12.50	31.10	11.90
LP-SP-FIR	113	8240	32	15	4	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
LP-SP-FIR	115	7870	12	0	61	1.20	.95	39.20	43.40	43.60	13.20	28.80	9.80
LP-SP-FIR	118	7040	27	340	90	.74	.55	30.80	61.30	21.80	16.90	41.50	28.30
LP-SP-FIR	119	6870	7	62	72	1.28	1.23	10.20	42.30	46.60	11.10	22.20	5.60
LP-SP-FIR	122	8460	6	80	26	1.17	.91	38.90	48.70	38.10	13.20	24.00	8.30
LP-SP-FIR	126	7300	8	289	26	1.04	.96	15.20	45.10	32.90	22.00	37.80	19.10
LP-SP-FIR	130	8500	25	66	20	1.02	.73	42.90	51.50	37.10	11.40	30.30	11.00
LP-SP-FIR	131	8650	11	325	20	-0.	-0.	62.90	43.90	42.70	13.40	48.60	23.80
LP-SP-FIR	132	8880	9	315	25	.77	.37	56.90	38.60	48.70	12.80	37.50	12.20
LP-SP-FIR	133	8800	10	342	26	.97	.56	57.60	46.60	41.40	11.80	27.40	9.40
LP-SP-FIR	134	8400	22	14	31	1.07	.81	40.40	65.90	24.80	9.30	28.80	14.90
LP-SP-FIR	136	7730	9	274	51	.68	.62	11.10	52.40	29.80	17.80	30.80	16.70
LP-SP-FIR	138	7560	22	340	30	.94	.86	14.50	68.00	23.80	8.20	21.10	12.50
LP-SP-FIR	143	8050	18	90	13	1.26	.93	49.10	56.80	32.70	10.50	23.40	8.90
LP-SP-FIR	146	7540	8	20	38	1.07	1.04	7.00	37.20	43.20	19.60	29.80	12.20
LP-SP-FIR	147	7730	9	312	38	1.11	.97	22.70	32.50	44.90	22.60	30.30	15.50
LP-SP-FIR	151	8590	34	258	25	1.24	.97	40.90	71.80	22.60	5.60	15.90	9.20
LP-SP-FIR	152	9010	13	293	25	1.06	.65	57.80	57.50	33.50	9.00	28.10	15.40
LP-SP-FIR	156	7540	12	60	70	1.25	1.17	13.70	56.10	35.70	8.20	20.20	6.40
LP-SP-FIR	158	7800	34	300	38	1.20	1.05	25.10	73.40	20.90	5.70	23.50	11.20
LP-SP-FIR	160	7530	19	58	46	1.01	.87	23.40	59.70	30.90	9.40	26.40	10.00
LP-SP-FIR	162	8250	11	107	38	1.36	1.17	31.20	49.10	37.50	13.40	20.00	6.30
LP-SP-FIR	171	8840	14	2	31	1.05	1.00	9.60	46.10	40.40	13.50	26.60	11.50
LP-SP-FIR	178	8170	22	286	38	1.11	.93	29.60	52.90	36.40	10.70	22.70	10.00
LP-SP-FIR	179	8660	26	70	30	1.22	1.09	21.90	63.10	26.10	10.80	20.50	10.20
LP-SP-FIR	181	8560	8	342	38	1.16	1.04	20.60	41.20	44.90	13.90	25.30	9.70
LP-SP-FIR	195	8240	33	138	25	1.01	.65	52.20	56.40	33.00	10.60	26.70	12.10
LP-SP-FIR	196	7500	21	77	30	1.13	.92	32.90	53.40	34.30	12.30	20.00	8.50
LP-SP-FIR	198	8400	23	296	38	1.08	.91	28.40	53.30	33.50	13.20	19.50	13.50
AVG		7721	16	179	35	1.09	.89	31.05	48.54	37.91	13.52	27.74	12.37
CVR		8	51	75	50	16.50	25.86	56.04	19.49	19.50	34.45	22.04	38.77
MAX		9010	34	355	90	1.40	1.31	79.40	73.40	53.30	26.50	48.60	28.30
MIN		6650	4	2	4	.68	.37	7.00	30.30	20.90	5.60	15.90	5.60
TOT		57	67	65	67	64.00	64.00	65.00	65.00	65.00	65.00	65.00	65.00

PATTEN, D. T.
SAGEBRUSH

EL-ELEVATION
SL-SLOPE
EX-EXPSURE
SD-SOIL DEPTH
BD-BULK DENSITY
BD-BULK DENSITY 2MM
RO-ROCK
SA-PERCENT SAND
SI-PERCENT SILT
CL-PERCENT CLAY
.3-H2O RETENSION .3 ATMOS.
15-H2O RETENSION 15 ATMOS.
CA-CALCIUM
K -POTASSIUM
OM-ORGANIC MATTER

		EL	SL	EX	SD	BD	BD	RO	SA	SI	CL	.3	15
SAGEBRUSH	013	6880	29	103	31	.95	.68	41.60	46.40	50.70	2.90	38.90	26.60
SAGEBRUSH	019	7440	30	233	36	1.00	.80	31.90	55.80	37.60	6.60	24.20	15.40
SAGEBRUSH	033	7790	9	285	51	.79	.77	6.80	52.20	40.90	6.90	47.00	29.70
SAGEBRUSH	036	7580	7	298	56	.95	.82	22.50	47.90	40.20	11.90	37.00	20.90
SAGEBRUSH	040	7230	10	89	46	.79	.70	16.70	45.30	48.00	6.70	38.00	21.50
SAGEBRUSH	044	6960	14	110	65	1.00	.97	7.60	55.00	27.80	17.20	32.70	21.00
SAGEBRUSH	045	6760	5	42	67	.95	.88	12.00	53.40	41.70	4.90	33.70	19.60
SAGEBRUSH	061	6860	7	23	31	.62	.54	16.30	59.20	36.50	4.30	33.00	26.90
SAGEBRUSH	063	6780	0	-0	70	.78	.77	3.30	45.90	28.50	25.60	52.10	34.50
SAGEBRUSH	067	7720	22	186	68	.91	.90	3.60	50.90	24.10	25.00	35.10	21.80
SAGEBRUSH	081	6760	1	320	46	.85	.78	12.40	80.10	16.00	3.90	17.50	11.50
SAGEBRUSH	088	7400	1	193	74	.98	.91	13.50	53.80	39.10	7.10	35.70	22.40
SAGEBRUSH	093	8170	17	24	61	.97	.96	2.30	60.60	34.10	5.30	34.70	21.00
SAGEBRUSH	099	6870	3	27	31	1.41	1.25	27.00	60.40	31.30	8.30	24.60	10.70
SAGEBRUSH	101	8320	7	285	51	.70	.69	3.40	52.60	39.00	8.40	42.00	30.70
SAGEBRUSH	103	8150	17	128	36	.88	.77	19.40	59.20	34.40	6.40	26.40	15.00
SAGEBRUSH	109	7920	17	212	31	1.16	.93	34.90	67.20	25.60	7.20	21.40	12.50
SAGEBRUSH	110	8440	18	208	20	1.04	.78	43.00	61.80	32.50	5.70	23.20	11.60
SAGEBRUSH	117	7190	14	81	95	.95	.85	17.40	59.50	30.40	10.10	34.80	20.10
SAGEBRUSH	120	6840	2	348	20	1.29	1.09	32.40	50.90	41.90	7.20	30.70	14.50
SAGEBRUSH	124	7520	27	130	31	1.28	1.12	25.90	67.20	25.40	7.40	26.00	12.50
SAGEBRUSH	125	7060	4	80	70	1.07	.97	17.80	66.60	28.40	5.00	29.10	19.90
SAGEBRUSH	128	7800	20	270	20	1.00	.75	39.30	61.50	30.60	7.90	28.60	14.60
SAGEBRUSH	135	7380	10	112	46	1.14	1.02	20.30	60.60	33.30	6.10	24.10	13.10
SAGEBRUSH	137	7140	9	122	77	.81	.72	16.40	54.30	22.20	23.50	39.80	29.60
SAGEBRUSH	141	8320	9	266	43	.88	.83	10.50	54.60	37.80	7.60	37.70	26.70
SAGEBRUSH	142	8450	11	130	31	1.08	1.03	9.60	49.10	35.60	15.30	30.00	14.70
SAGEBRUSH	144	7460	25	148	26	1.32	1.11	33.20	55.90	34.90	9.20	24.90	12.30
SAGEBRUSH	073	9200	4	248	61	.95	.79	26.70	46.50	49.00	4.50	31.30	18.80
SAGEBRUSH	183	7660	25	130	26	1.10	.85	38.40	55.80	36.20	8.00	29.20	16.70
SAGEBRUSH	193	9130	6	255	79	.77	.77	.90	56.00	31.90	12.10	40.60	28.90
AVG		7606	13	170	48	.98	.86	19.58	56.33	34.37	9.30	32.39	19.86
CVR		9	69	56	42	18.84	17.79	64.39	13.39	22.79	64.43	23.74	33.58
MAX		9200	30	348	95	1.41	1.25	43.00	80.10	50.70	25.60	52.10	34.50
MIN		6760	1	23	20	.62	.54	.90	45.30	16.00	2.90	17.50	10.70
TOT		31	30	30	31	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00

PATTEN, D. T.
SPRUCE FIR

EL-ELEVATION

SL-SLOPE

EX-EXPSURE

SD-SOIL DEPTH

BD-BULK DENSITY

BD-BULK DENSITY 2MM

RO-ROCK

SA-PERCENT SAND

SI-PERCENT SILT

CL-PERCENT CLAY

.3-H20 RETENSION .3 ATMOS.

15-H20 RETENSION 15 ATMOS.

CA-CALCIUM

K -POTASSIUM

OM-ORGANIC MATTER

		EL	SL	EX	SD	BD	BD	RO	SA	SI	CL	.3	15
SPRUCE-FIR	007	7120	30	15	15	.77	.73	7.70	43.20	34.50	22.30	26.80	21.10
SPRUCE-FIR	020	7560	22	3	20	.96	.90	11.80	49.70	37.10	13.20	23.00	10.60
SPRUCE-FIR	035	7780	16	3	38	.74	.71	5.50	44.70	37.70	17.60	28.20	13.30
SPRUCE-FIR	050	7940	8	66	25	.90	.72	29.90	42.20	43.80	14.00	24.30	10.50
SPRUCE-FIR	072	7700	22	356	20	1.04	.84	31.80	41.40	46.80	11.80	28.70	14.70
SPRUCE-FIR	074	8150	31	56	20	1.34	.91	60.30	54.40	33.70	11.90	22.20	11.10
SPRUCE-FIR	075	7540	26	38	46	.87	.78	17.40	47.50	42.50	10.00	26.60	13.40
SPRUCE-FIR	089	7450	17	278	15	1.00	.99	2.30	40.80	30.60	28.60	37.30	23.70
SPRUCE-FIR	108	7440	34	30	8	-0.	-0.	87.10	49.80	41.00	9.20	67.20	40.90
SPRUCE-FIR	114	7820	19	25	20	1.31	.73	70.40	49.30	41.50	9.20	31.00	12.80
SPRUCE-FIR	123	8080	21	23	46	.98	.93	10.70	62.60	23.60	13.80	26.20	14.50
SPRUCE-FIR	139	7540	24	350	15	1.48	.81	75.00	41.20	46.30	12.50	41.30	19.60
SPRUCE-FIR	140	7480	28	2	26	-0.	-0.	36.90	45.30	43.70	11.00	30.10	11.00
SPRUCE-FIR	149	8220	15	18	26	1.04	.67	53.10	50.60	38.90	10.50	40.00	26.00
SPRUCE-FIR	150	8740	6	20	31	1.18	.92	40.60	46.70	40.20	13.10	25.30	10.20
SPRUCE-FIR	153	9180	5	290	51	1.27	.99	42.10	44.00	45.70	10.30	29.70	11.70
SPRUCE-FIR	167	8040	11	8	18	.94	.89	10.20	37.80	47.00	15.20	33.50	17.00
SPRUCE-FIR	168	7900	22	67	31	.88	.46	58.80	40.10	45.30	14.60	38.00	18.60
SPRUCE-FIR	172	9040	13	250	31	1.21	.92	43.40	43.40	45.10	11.70	29.90	11.30
SPRUCE-FIR	175	8500	28	278	13	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
SPRUCE-FIR	185	7760	17	0	46	.80	.75	10.50	44.70	44.20	11.10	26.90	12.70
SPRUCE-FIR	186	7680	28	26	31	1.04	.93	18.60	46.70	39.50	13.80	32.00	19.70
SPRUCE-FIR	188	8240	21	48	51	.91	.62	42.80	40.30	47.80	11.90	33.50	19.90
SPRUCE-FIR	189	8050	23	287	33	.92	.76	26.00	47.90	41.20	10.90	29.10	14.40
SPRUCE-FIR	191	9060	22	310	98	1.04	1.02	4.00	37.80	54.60	7.60	19.10	8.30
SPRUCE-FIR	199	8900	9	114	13	1.71	1.16	69.20	52.50	33.60	13.90	37.30	23.00
AVG		8035	20	118	30	1.06	.83	34.64	45.78	41.04	13.19	31.49	16.40
CVR		7	40	110	62	22.51	18.38	72.57	12.32	15.80	33.16	29.64	42.82
MAX		9180	34	356	98	1.71	1.16	87.10	62.60	54.60	28.60	67.20	40.90
MIN		7120	5	2	8	.74	.46	2.30	37.80	23.60	7.60	19.10	8.30
TOT		26	26	25	26	23.00	23.00	25.00	25.00	25.00	25.00	25.00	25.00

PLUTH. D. J.
1962
CARD ONE

SC-SOILS CODED

SC-SPECIES CODED

SI-SITE INDEX

SI-SITE INDEX

A2-DEPTH A2 HORIZON

C -DEPTH C HORIZON

B2-DEPTH B2 HORIZON

SI-SITE INDEX

BA-BASAL AREA

SC-SPECIES CODED

SC-SPECIES CODED

B2-DEPTH B2 HORIZON

A2-DEPTH A2 HORIZON

C -DEPTH C HORIZON

	SC	SI	SC	BA	SI	SC	SI	SC	A2	B2	C	A2	B2	C
01	1	66	1	113	-0	-0	-0.	-0.	66.4	68.0	73.3	31.1	27.8	17.2
02	2	74	11	109	72	17	-0.	-0.	74.0	77.9	90.9	32.9	19.1	6.8
03	3	59	17	131	60	11	54.0	20.0	68.1	73.8	87.3	28.7	22.0	9.8
04	4	54	11	113	-0	-0	-0.	-0.	76.3	82.0	94.8	19.2	13.8	.4
05	5	31	5	91	35	11	-0.	-0.	92.6	86.6	99.1	2.1	9.2	.4
06	1	54	16	-0	40	9	42.0	2.0	56.4	59.5	95.8	36.4	34.1	1.0
07	1	56	17	157	-0	-0	-0.	-0.	60.7	59.4	82.8	34.7	36.4	7.5
08	6	42	9	94	63	4	62.0	1.0	45.0	51.1	81.7	48.9	35.0	10.9
09	1	45	17	142	48	11	-0.	-0.	51.1	92.0	98.8	35.0	2.8	.6
10	7	62	6	153	-0	-0	-0.	-0.	0.	0.	0.	0.	0.	0.
11	8	-0	-0	-0	-0	-0	-0.	-0.	13.2	7.4	14.9	75.3	48.6	56.6
12	9	59	17	146	-0	-0	-0.	-0.	80.9	88.4	96.8	14.0	8.4	2.6
13	8	51	2	142	-0	-0	-0.	-0.	6.3	5.2	9.4	90.5	55.7	60.9
14	4	60	11	70	-0	-0	-0.	-0.	85.4	89.1	97.3	11.5	6.9	1.0
15	4	49	11	59	-0	-0	-0.	-0.	86.3	88.9	99.0	11.4	5.8	.1
16	4	43	11	74	-0	-0	-0.	-0.	89.4	93.5	96.7	8.4	3.3	1.8
17	10	48	1	-0	-0	-0	-0.	-0.	57.1	53.3	55.9	39.6	24.5	30.6
18	8	59	16	-0	53	2	-0.	-0.	26.8	31.8	19.2	36.4	35.6	57.5
19	5	45	11	107	-0	-0	-0.	-0.	88.3	87.9	93.9	9.4	9.4	3.0
20	5	86	20	150	60	1	61.0	13.0	95.9	99.1	65.6	2.9	.2	33.8
21	8	44	19	279	-0	-0	-0.	-0.	62.1	80.3	35.7	34.4	15.2	44.2
22	11	67	1	122	72	6	-0.	-0.	86.1	81.5	96.1	6.3	5.2	1.8
23	10	56	4	174	80	1	37.0	9.0	18.9	13.7	11.1	77.0	85.5	41.2
24	3	59	17	142	-0	-0	-0.	-0.	80.1	86.4	99.5	17.4	4.2	.2
25	12	-0	-0	-0	-0	-0	-0.	-0.	0.	0.	0.	0.	0.	0.
26	13	65	17	94	80	7	-0.	-0.	94.9	86.7	97.5	2.7	11.0	1.2
27	13	67	11	98	-0	-0	-0.	-0.	79.0	89.8	98.5	18.8	8.1	1.0
28	8	52	20	133	-0	-0	-0.	-0.	20.3	45.0	50.6	77.7	34.7	25.9
29	-0	-0	-0	-0	-0	-0	-0.	-0.	57.8	91.6	38.4	37.7	5.3	48.7
30	10	45	18	-0	76	1	53.0	13.0	39.7	56.6	34.3	55.5	23.9	50.1
31	8	-0	-0	-0	-0	-0	-0.	-0.	60.4	58.9	91.3	35.6	21.7	4.4
32	3	-0	-0	-0	-0	-0	-0.	-0.	85.6	86.3	96.1	11.4	10.7	1.8
33	13	-0	-0	-0	-0	-0	-0.	-0.	92.6	91.7	93.8	5.5	6.1	5.3
34	3	41	2	124	49	16	49.0	13.0	73.3	75.0	98.9	23.8	22.1	.5
35	13	55	11	81	-0	-0	-0.	-0.	88.8	89.9	96.3	8.5	7.0	2.5
36	3	65	11	120	-0	-0	-0.	-0.	75.8	73.8	80.9	20.8	15.6	13.8
37	3	71	11	115	-0	-0	-0.	-0.	82.8	88.4	97.7	15.0	9.3	.6
38	4	75	11	118	-0	-0	-0.	-0.	94.4	95.8	98.5	3.5	2.5	.3
AVG	6	55	11	123	61	7	51.1	10.1	67.0	71.8	77.0	28.3	19.1	15.2
CVR	61	19	53	34	25	75	18.1	66.5	37.5	34.9	38.6	82.1	93.7	132.4
MAX	13	75	20	279	80	17	62.0	20.0	95.8	99.1	99.5	90.5	85.5	60.9
MIN	1	31	1	59	35	1	37.0	1.0	6.3	5.2	9.4	2.1	.2	.1
TOT	37	32	32	28	13	13	7.0	7.0	36.0	36.0	36.0	36.0	36.0	36.0

PLUTH, D. J.
1962
CARD TWO

A2-PERCENT CLAY A2

B2-PERCENT CLAY B2

C -PERCENT CLAY C

A2-DEPTH A2

B2-DEPTH B2

C -DEPTH C

A2-AVAILABLE K IN A2

B2-AVAILABLE K IN B2

C -AVAILABLE K IN C

A2-EXCHANGEABLE K IN A2

B2-EXCHANGEABLE K IN B2

C -EXCHANGEABLE K IN C

A2-ORGANIC MATTER IN A2

B2-ORGANIC MATTER IN B2

C -ORGANIC MATTER IN C

	A2	B2	C	A2	B2	C	A2	B2	C	A2	B2	C	A2	B2	C
01	2.5	4.2	9.5	3	9	11	10.9	36.7	10.0	108.0	17.0	33.0	3.4	.8	.4
02	3.1	3.0	2.3	4	10	30	87.3	87.3	11.4	17.0	25.0	25.0	1.5	.7	0.
03	3.2	4.2	2.9	5	10	28	45.8	87.3	25.3	83.0	33.0	25.0	1.4	.8	0.
04	4.5	4.2	.8	5	9	24	61.1	39.3	20.1	25.0	33.0	8.0	.8	.5	0.
05	5.3	4.2	.5	9	13	27	87.3	87.3	22.3	42.0	17.0	8.0	1.5	.4	0.
06	7.2	6.4	3.2	3	8	17	17.0	23.1	22.7	66.0	42.0	17.0	2.6	.4	0.
07	4.6	4.2	9.7	3	20	30	78.6	18.3	6.1	100.0	58.0	33.0	1.8	.4	-0.
08	6.1	13.9	7.4	-0	12	-0	0.	6.1	0.	-0.	50.0	-0.	0.	.8	0.
09	13.9	11.5	.6	1	8	18	10.0	56.7	5.7	183.0	33.0	8.0	6.6	.4	0.
10	0.	0.	0.	-0	-0	-0	0.	0.	0.	-0.	-0.	-0.	0.	0.	0.
11	11.5	5.1	28.5	4	-0	-0	35.8	0.	0.	42.0	-0.	-0.	.7	0.	0.
12	5.1	3.2	.6	4	9	29	87.3	87.3	24.0	66.0	25.0	25.0	1.1	.4	0.
13	3.2	39.1	29.7	5	-0	15	30.5	0.	12.2	166.0	-0.	91.0	.8	0.	0.
14	3.1	4.0	1.7	4	7	20	65.6	87.3	63.3	25.0	58.0	25.0	2.2	.2	0.
15	2.3	5.3	.9	3	9	21	31.0	74.2	15.3	25.0	42.0	8.0	.9	.2	0.
16	2.2	3.1	1.5	3	8	30	19.2	39.3	39.3	58.0	33.0	8.0	.8	.2	0.
17	3.3	22.2	13.5	7	-0	24	39.3	0.	5.2	33.0	-0.	42.0	1.1	0.	0.
18	36.8	32.6	23.3	-0	-0	34	0.	0.	2.6	-0.	-0.	66.0	0.	0.	0.
19	2.3	2.0	3.1	5	9	17	21.8	32.7	6.1	17.0	8.0	8.0	1.1	.3	0.
20	1.2	.7	.6	5	13	32	87.3	87.3	14.0	8.0	8.0	4.0	.7	.1	0.
21	3.5	4.5	20.1	4	8	24	58.9	39.3	1.7	17.0	116.0	58.0	1.2	.6	0.
22	7.6	13.2	2.1	10	7	-0	2.2	3.1	0.	42.0	17.0	-0.	.2	.3	0.
23	4.1	.8	47.7	-0	-0	23	0.	0.	3.5	-0.	-0.	100.0	0.	0.	0.
24	2.5	9.4	.3	5	7	28	27.1	11.8	8.3	33.0	58.0	17.0	1.2	.3	0.
25	0.	0.	0.	-0	-0	-0	0.	0.	0.	-0.	-0.	-0.	0.	0.	0.
26	2.4	2.3	1.3	3	0	25	87.3	87.3	47.1	33.0	33.0	25.0	1.6	.7	.2
27	2.2	2.1	.5	4	7	18	87.3	87.3	10.9	83.0	33.0	42.0	1.7	.4	0.
28	2.0	20.3	23.5	-0	-0	9	0.	0.	18.8	-0.	-0.	58.0	0.	0.	0.
29	4.5	3.1	12.9	6	10	38	87.3	50.2	50.2	42.0	50.0	66.0	.6	.1	0.
30	4.8	19.5	15.6	-0	9	6	0.	17.9	15.3	-0.	83.0	75.0	0.	0.	0.
31	4.0	19.4	4.3	-0	7	5	0.	6.5	2.6	-0.	58.0	241.0	.4	0.	0.
32	3.0	3.0	2.1	5	8	23	23.1	45.8	23.1	25.0	25.0	17.0	1.4	.3	0.
33	1.9	2.2	.9	6	11	22	26.2	34.9	15.3	42.0	17.0	17.0	2.1	.4	0.
34	2.0	2.9	.6	5	8	28	78.6	39.3	9.2	50.0	33.0	25.0	.9	0.	0.
35	2.7	3.1	1.2	3	0	18	25.7	30.5	26.6	33.0	8.0	17.0	.9	.4	0.
36	3.4	10.6	5.3	-0	10	30	0.	14.8	10.5	-0.	25.0	42.0	0.	0.	0.
37	2.2	2.3	1.7	6	10	26	44.9	38.8	20.5	33.0	17.0	17.0	1.4	.2	0.
38	2.1	1.7	1.2	6	8	22	61.1	87.3	58.9	25.0	25.0	17.0	1.4	.2	0.
AVG	4.9	8.2	7.8	5	9	23	49.2	48.2	19.0	52.5	36.0	38.4	1.5	.4	.3
CVR	123.8	111.1	140.1	40	28	34	59.2	62.4	84.5	80.1	64.9	114.9	80.1	52.6	47.1
MAX	36.8	39.1	47.7	10	20	38	87.3	87.3	63.3	183.0	116.0	241.0	6.6	.8	.4
MIN	1.2	.7	.3	1	7	5	2.2	3.1	1.7	8.0	8.0	4.0	.2	.1	.2
TOT	36.0	36.0	36.0	29	28	33	29.0	30.0	33.0	29.0	30.0	33.0	30.0	26.0	2.0

PLUTH, D. J.
1962
CARD THREE

A2-N A2 HORIZON

B2-N B2 HORIZON

C -N C HORIZON

A2-PH A2 HORIZON

B2-PH B2 HORIZON

C -PH C HORIZON

12-MHC 0-12 INCHES

24-MHC 0-24 INCHES

36-MHC 0-36 INCHES

48-MHC 0-48 INCHES

SL-SLOPE

AS-ASPECT

	A2	B2	C	A2	B2	C	12	24	36	48	SL
01	.23	.03	4.90	5.50	5.60	1.50	2.50	3.3	4.0	0	-0
02	.04	0.	6.00	6.10	6.20	2.60	4.10	5.1	5.8	5	1
03	.05	.03	5.80	5.60	5.80	.90	2.10	3.2	4.3	5	2
04	.04	0.	5.30	5.60	6.00	1.60	2.30	2.5	2.6	0	-0
05	.06	.02	5.80	5.80	6.00	1.50	2.50	2.9	3.0	0	-0
06	.11	0.	6.30	6.30	6.10	1.20	1.50	1.8	2.0	1	2
07	.06	0.	5.80	5.70	7.10	1.80	3.40	4.6	5.4	3	3
09	.23	0.	5.90	6.10	7.90	.70	1.10	1.3	1.5	4	3
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0	-0
11	.04	0.	5.20	0.	0.	3.20	6.60	10.4	13.9	5	4
12	.04	0.	5.20	5.40	5.90	1.20	2.00	2.3	2.5	1	3
13	.01	0.	6.20	0.	6.00	3.40	6.50	9.8	13.1	2	5
14	.05	.01	5.80	5.70	6.10	1.10	1.50	1.7	1.8	1	4
15	.03	0.	5.50	5.60	5.90	1.00	1.40	1.6	1.8	0	-0
16	.02	0.	6.10	5.70	5.90	.60	1.00	1.4	1.7	9	6
17	.04	0.	6.10	0.	7.80	2.00	4.10	6.9	9.6	1	7
18	0.	0.	0.	0.	7.60	3.80	7.00	9.3	12.6	5	7
19	.03	.01	5.90	5.70	8.10	.80	1.20	1.6	2.0	2	3
20	.02	0.	5.60	5.60	6.70	.60	.70	1.0	1.3	1	3
21	.05	0.	6.50	6.90	7.80	1.20	3.10	6.0	8.9	5	3
22	.01	0.	7.70	7.60	0.	0.	0.	0.	0.	0	-0
23	0.	0.	0.	0.	7.50	3.50	6.40	10.3	14.3	2	8
24	.01	0.	5.40	5.70	6.10	1.60	2.70	2.9	3.2	8	5
25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0	-0
26	.06	.02	5.60	5.90	6.10	1.20	2.00	2.6	3.4	4	2
27	.03	.02	5.90	6.30	6.70	.90	1.40	1.8	2.2	2	1
28	0.	0.	0.	0.	5.60	2.50	4.90	6.7	9.0	2	2
29	.02	0.	5.40	5.20	5.00	1.50	1.90	3.0	3.3	0	-0
30	0.	0.	0.	5.50	5.30	1.30	4.10	6.6	8.2	3	1
31	0.	0.	0.	5.30	7.40	2.10	5.30	8.4	12.2	10	8
32	0.	0.	5.60	5.90	5.80	1.00	1.70	1.9	2.1	2	5
33	.05	0.	5.70	5.60	5.80	.90	1.20	1.3	2.1	2	1
34	.05	0.	5.40	6.20	6.40	2.10	2.80	3.0	3.2	0	-0
35	.04	.01	5.30	5.50	6.00	.60	1.00	1.3	1.5	1	5
36	0.	0.	0.	5.80	5.90	1.90	3.80	5.1	6.2	12	5
37	.05	0.	5.20	6.00	6.20	1.20	2.00	2.2	2.4	6	7
38	.04	.01	5.90	6.10	5.90	.70	1.10	1.3	1.5	12	1
08	0.	0.	0.	5.00	0.	2.40	4.40	6.0	6.8	0	-0
AVG	.05	.02	5.76	5.83	6.37	1.60	2.89	4.0	5.1	4	4
CVR	99.45	46.87	9.17	8.63	12.78	54.67	62.74	72.0	79.8	80	58
MAX	.23	.03	7.70	7.60	8.10	3.80	7.00	10.4	14.3	12	8
MIN	.01	.01	4.90	5.00	5.00	.60	.70	1.0	1.3	1	1
TOT	28.00	9.00	29.00	30.00	33.00	35.00	35.00	35.0	35.0	28	28

SMALLEY. G.W.
UPLAND HARDWOODS
1963 NORTH ALABAMA

HT - HEIGHT
SI - SITE INDEX
PSL - PERCENT SLOPE
TSL - TOTAL SLOPE LENGTH
SS - SOIL SERIES
BDA - BULK DENSITY OF A HORIZON
SAA - PERCENT SAND IN A HORIZON
CLA - PERCENT CLAY IN A HORIZON
MFP - PERCENT MACRO PORES IN A HORIZON

AGE - AGE
ASP - ASPECT
DRL - DISTANCE TO RIDGE LINE
PDR - PERCENT DISTANCE FROM RIDGE
DBR - DEPTH TO BEDROCK
THA - THICKNESS OF A HORIZON
SIA - PERCENT SILT IN A HORIZON
PSA - PERCENT PORE SPACE IN A HORIZON

		TH	AGE	SI	ASP	PSL	DRL	YSL	PDR	SS	DBR	BD	TH	SAA	SIA	CLA	PS	MP
QUAL	01	80	87	63	360	13	5.0	8.0	62	1	3.5	1.33	9	41.0	37.5	21.5	49	13
QUAL	03	73	74	60	155	3	5.0	5.0	100	8	3.0	1.33	8	78.0	15.0	7.0	48	30
QUAL	05	65	86	51	180	24	2.5	3.5	71	1	3.0	1.44	15	66.0	21.5	12.5	42	15
QUAL	08	68	56	64	185	12	2.5	2.5	100	7	4.0	1.53	14	50.5	31.5	18.0	42	12
QUAL	17	72	52	70	240	22	2.0	2.0	100	3	2.3	1.37	10	60.0	27.0	13.0	46	19
QUAL	19	68	50	68	350	26	2.0	2.0	100	3	2.6	1.23	10	40.5	44.0	15.5	53	23
QUAL	24	60	40	70	10	32	1.5	4.0	38	3	3.3	1.51	16	58.5	27.5	14.0	42	14
QUAL	29	54	58	50	240	12	.5	4.5	11	4	3.2	1.50	13	55.5	31.5	13.0	40	12
QUAL	31	66	79	54	150	25	5.0	7.5	67	1	3.3	1.30	11	43.0	40.0	17.0	49	16
QUAL	34	88	67	76	210	25	9.0	12.0	75	1	3.5	1.34	7	34.5	30.0	35.5	46	12
QUAL	35	63	61	56	270	5	1.0	2.5	40	1	2.7	1.39	14	37.0	44.0	19.0	46	10
QUAL	41	65	110	48	230	20	3.0	4.0	75	3	3.2	1.55	19	69.0	15.0	16.0	39	8
QUAL	42	65	85	52	95	2	.5	3.5	14	1	4.0	1.48	17	32.5	40.5	27.0	39	2
QUAL	44	56	66	48	310	10	2.0	4.0	50	1	3.2	1.40	14	36.0	44.5	19.5	47	11
QUAL	45	64	74	53	110	13	2.5	2.5	100	1	3.1	1.38	14	33.0	46.5	20.5	47	11
QUAL	47	83	68	71	165	27	9.0	10.5	86	1	4.0	1.37	12	46.0	32.0	21.0	43	13
QUAL	48	88	84	70	190	16	9.0	11.5	78	1	4.0	1.38	10	48.0	30.0	22.0	44	11
QUAL	50	76	88	60	120	24	4.0	5.0	80	1	3.5	1.30	9	46.0	34.0	20.0	45	13
QUAL	51	66	68	56	120	17	1.5	5.0	30	1	3.8	1.27	10	37.0	45.5	17.5	44	9
QUAL	54	96	86	76	225	22	14.0	17.0	82	6	2.2	1.40	22	46.0	32.0	22.0	41	14
QUAL	55	101	89	79	290	22	8.0	12.5	64	1	4.0	1.31	11	41.0	35.5	23.5	43	13
QUAL	68	81	82	65	350	6	10.0	11.0	91	7	4.0	1.46	26	61.0	20.5	18.5	39	11
QUAL	71	65	58	60	30	16	1.5	4.0	38	4	4.0	1.27	11	53.5	29.5	17.0	45	17
QUAL	72	79	83	63	35	17	5.0	7.0	71	1	4.0	1.39	13	57.0	25.5	17.5	41	12
QUAL	76	77	59	70	155	12	2.0	2.0	100	3	4.0	1.26	10	52.0	32.5	15.5	47	17
QUAL	77	66	65	57	45	12	2.5	5.0	50	1	3.5	1.40	12	35.0	45.5	19.5	39	8
QUAL	82	63	66	54	300	15	3.5	4.0	88	1	2.8	1.37	13	40.0	39.0	21.0	43	9
QUAL	83	94	77	77	110	14	5.5	6.0	92	1	3.3	1.38	13	45.5	36.0	18.5	42	12
QUAL	84	74	78	60	165	10	5.0	7.0	71	5	4.0	1.49	14	41.5	37.5	21.0	40	8
QUAL	86	70	76	58	145	27	2.0	3.0	67	1	3.2	1.49	13	48.0	27.5	24.5	40	6
QUAL	87	75	81	60	45	18	4.5	11.5	39	1	4.0	1.32	5	38.5	37.5	24.0	50	14
QUAL	89	76	58	70	120	19	3.5	6.5	54	2	4.0	1.31	7	33.0	42.5	24.5	48	14
QUAL	90	70	72	58	25	15	1.5	5.5	27	1	3.9	1.48	14	43.0	38.5	18.5	41	9
QUAL	93	68	70	57	85	28	1.0	3.5	29	1	3.8	1.43	16	46.0	32.5	21.5	42	8
QUAL	95	78	85	62	100	25	6.5	8.5	76	1	3.7	1.33	11	41.0	35.0	24.0	46	13
QUAL	96	93	95	72	45	2	19.0	19.5	97	7	4.0	1.26	13	34.5	42.5	23.0	46	8
QURU	02	72	75	59	155	3	5.0	5.0	100	8	3.0	1.33	8	78.0	15.0	7.0	48	30
QURU	06	68	75	56	270	6	0.	8.0	0	1	2.5	1.38	15	47.0	38.0	15.0	43	13
QURU	09	65	56	61	185	12	2.5	2.5	100	7	4.0	1.53	14	50.5	31.5	18.0	42	12
QURU	11	70	40	81	360	14	1.5	2.0	75	3	4.0	1.34	12	66.0	23.0	11.0	45	21
QURU	13	57	40	67	270	18	1.0	4.5	22	3	4.0	1.40	15	47.5	37.0	15.5	46	15
QURU	18	69	49	70	240	22	2.0	2.0	100	3	2.3	1.37	10	60.0	27.0	13.0	46	19
QURU	21	71	54	68	350	26	2.0	2.0	100	3	2.6	1.23	10	40.5	44.0	15.5	53	23
QURU	22	66	52	64	125	4	0.	3.0	0	1	3.2	1.40	12	49.0	37.0	14.0	45	15
QURU	56	78	50	78	20	24	4.0	7.5	53	1	3.1	1.31	15	47.0	33.5	19.5	44	13
QURU	57	62	50	62	260	19	1.5	3.5	43	4	3.9	1.34	15	56.5	28.0	15.5	45	15
QURU	61	68	48	71	20	28	2.0	7.0	29	3	2.8	1.48	16	47.5	35.0	17.5	40	5
QURU	62	55	41	64	270	8	.5	4.5	11	1	3.0	1.49	15	45.5	36.5	18.0	40	7
QURU	63	80	60	72	55	18	2.5	5.0	50	1	2.9	1.46	16	50.0	34.5	15.5	40	8
QURU	67	75	73	62	235	25	5.0	6.0	83	1	4.0	1.32	14	54.0	28.5	17.5	44	11
QURU	73	65	40	76	30	19	3.0	4.5	67	1	3.7	1.41	13	47.0	35.5	17.5	42	10
QURU	79	77	62	68	360	7	0.	2.0	0	4	3.5	1.31	13	52.5	29.5	18.0	45	9
QURU	81	70	62	62	270	8	.5	2.5	20	1	3.2	1.40	14	52.5	32.5	15.0	41	11
QURU	85	73	76	60	145	27	2.0	3.0	67	1	3.2	1.49	13	48.0	27.5	24.5	40	6
QURU	88	85	68	73	15	36	4.5	9.0	50	1	4.0	1.33	13	34.0	38.5	27.5	46	12
QURU	91	72	76	59	50	9	1.0	5.0	18	1	3.8	1.44	14	45.5	37.0	18.0	42	11
QURU	93	68	58	62	85	28	1.0	3.5	29	1	3.8	1.43	16	46.0	32.5	21.5	42	8
QURU	94	70	54	67	25	27	1.0	2.5	40	6	3.2	1.42	15	47.0	34.5	18.5	41	9
QUAL	04	55	73	45	230	17	3.0	6.0	50	1	4.0	1.43	9	59.0	27.0	14.0	-0	-0
QUAL	07	59	50	59	105	17	3.0	5.0	60	4	3.3	1.41	10	47.5	36.0	16.5	-0	-0
QUAL	23	66	48	68	360	15	1.5	5.5	27	1	3.1	1.45	13	52.5	34.0	13.5	-0	-0
QUAL	25	59	40	69	10	32	1.5	4.0	38	3	3.3	1.51	16	58.5	27.5	14.0	-0	-0
QUAL	27	51	41	59	330	17	.5	3.0	17	4	2.8	1.44	16	63.5	24.5	12.0	-0	-0
QUAL	28	50	68	42	240	12	.5	4.5	11	4	3.2	1.50	13	55.5	31.5	13.0	-0	-0
QUAL	40	86	71	72	350	52	3.0	4.5	67	3	2.8	1.29	16	55.5	30.0	14.5	-0	-0
QUAL	49	86	81	69	40	35	2.0	2.5	80	1	3.0	1.32	15	25.5	51.0	23.5	-0	-0
QUAL	52	71	68	60	70	25	2.0	3.5	57	1	3.7	1.52	14	51.0	32.0	17.0	-0	-0
QUAL	60	68	47	71	20	28	2.0	7.0	29	3	2.8	1.48	16	47.5	35.0	17.5	-0	-0
QUAL	64	58	127	43	190	20	1.5	5.0	30	1	3.3	1.37	14	56.5	27.5	16.0	-0	-0

QUAL	66	58	46	62	35	17	1.5	8.5	18	1	3.4	1.45	15	43.0	38.5	18.5	-0	-0
QUAL	74	58	44	64	265	3	0.	4.5	0	1	3.2	1.53	14	54.0	30.5	15.5	-0	-0
QUAL	78	70	58	64	45	15	2.0	3.0	67	1	4.0	1.52	14	42.0	38.0	20.0	-0	-0
QUAL	80	76	62	68	360	7	0.	2.0	0	4	3.5	1.31	13	52.5	29.5	18.0	-0	-0
QUAL	92	71	57	66	85	28	1.0	3.5	29	1	3.8	1.43	16	46.0	32.5	21.5	-0	-0
AVG		0	0	0	0	0	3.3	5.4	0	0	3.4	1.40	0	48.5	33.4	18.1	0	0
CVR		R	R	R	R	R	96.8	63.2	R	R	14.9	5.85	R	20.8	21.7	25.2	R	R
MAX		71	57	66	85	28	19.0	19.5	29	1	4.0	1.55	16	78.0	51.0	35.5	41	9
MIN		71	57	66	85	28	.5	2.0	29	1	2.2	1.23	16	25.5	15.0	7.0	41	9
TOT		R	R	R	R	R	69.0	74.0	R	R	74.0	74.00	R	74.0	74.0	74.0	R	R

SMALLEY, G.W.
UPLAND HARDWOODS
1963 NORTH ALABAMA

HT - HEIGHT
SI - SITE INDEX
PSL - PERCENT SLOPE
TSL - TOTAL SLOPE LENGTH
SS - SOIL SERIES
BDA - BULK DENSITY OF A HORIZON
SAA - PERCENT SAND IN A HORIZON
CLA - PERCENT CLAY IN A HORIZON
MFP - PERCENT MACRO PORES IN A HORIZON

AGE - AGE
ASP - ASPECT
DRL - DISTANCE TO RIDGE LINE
PDR - PERCENT DISTANCE FROM RIDGE
DBR - DEPTH TO BEDROCK
THA - THICKNESS OF A HORIZON
SIA - PERCENT SILT IN A HORIZON
PSA - PERCENT PORE SPACE IN A HORIZON

		TH	AGE	SI	ASP	PSL	DRL	YSL	PDR	SS	DBR	BD	TH	SAA	SIA	CLA	PS	MP
QUAL	01	80	87	63	360	13	5.0	8.0	62	1	3.5	1.33	9	41.0	37.5	21.5	49	13
QUAL	03	73	74	60	155	3	5.0	5.0	100	8	3.0	1.33	8	78.0	15.0	7.0	48	30
QUAL	05	65	86	51	180	24	2.5	3.5	71	1	3.0	1.44	15	66.0	21.5	12.5	42	15
QUAL	08	68	56	64	185	12	2.5	2.5	100	7	4.0	1.53	14	50.5	31.5	18.0	42	12
QUAL	17	72	52	70	240	22	2.0	2.0	100	3	2.3	1.37	10	60.0	27.0	13.0	46	19
QUAL	19	68	50	68	350	26	2.0	2.0	100	3	2.6	1.23	10	40.5	44.0	15.5	53	23
QUAL	24	60	40	70	10	32	1.5	4.0	38	3	3.3	1.51	16	58.5	27.5	14.0	42	14
QUAL	29	54	58	50	240	12	.5	4.5	11	4	3.2	1.50	13	55.5	31.5	13.0	40	12
QUAL	31	66	79	54	150	25	5.0	7.5	67	1	3.3	1.30	11	43.0	40.0	17.0	49	16
QUAL	34	88	67	76	210	25	9.0	12.0	75	1	3.5	1.34	7	34.5	30.0	35.5	46	12
QUAL	35	63	61	56	270	5	1.0	2.5	40	1	2.7	1.39	14	37.0	44.0	19.0	46	10
QUAL	41	65	110	48	230	20	3.0	4.0	75	3	3.2	1.55	19	69.0	15.0	16.0	39	8
QUAL	42	65	85	52	95	2	.5	3.5	14	1	4.0	1.48	17	32.5	40.5	27.0	39	2
QUAL	44	56	66	48	310	10	2.0	4.0	50	1	3.2	1.40	14	36.0	44.5	19.5	47	11
QUAL	45	64	74	53	110	13	2.5	2.5	100	1	3.1	1.38	14	33.0	46.5	20.5	47	11
QUAL	47	83	68	71	165	27	9.0	10.5	86	1	4.0	1.37	12	46.0	32.0	21.0	43	13
QUAL	48	88	84	70	190	16	9.0	11.5	78	1	4.0	1.38	10	48.0	30.0	22.0	44	11
QUAL	50	76	88	60	120	24	4.0	5.0	80	1	3.5	1.30	9	46.0	34.0	20.0	45	13
QUAL	51	66	68	56	120	17	1.5	5.0	30	1	3.8	1.27	10	37.0	45.5	17.5	44	9
QUAL	54	96	86	76	225	22	14.0	17.0	82	6	2.2	1.40	22	46.0	32.0	22.0	41	14
QUAL	55	101	89	79	290	22	8.0	12.5	64	1	4.0	1.31	11	41.0	35.5	23.5	43	13
QUAL	68	81	82	65	350	6	10.0	11.0	91	7	4.0	1.46	26	61.0	20.5	18.5	39	11
QUAL	71	65	58	60	30	16	1.5	4.0	38	4	4.0	1.27	11	53.5	29.5	17.0	45	17
QUAL	72	79	83	63	35	17	5.0	7.0	71	1	4.0	1.39	13	57.0	25.5	17.5	41	12
QUAL	76	77	59	70	155	12	2.0	2.0	100	3	4.0	1.26	10	52.0	32.5	15.5	47	17
QUAL	77	66	65	57	45	12	2.5	5.0	50	1	3.5	1.40	12	35.0	45.5	19.5	39	8
QUAL	82	63	66	54	300	15	3.5	4.0	88	1	2.8	1.37	13	40.0	39.0	21.0	43	9
QUAL	83	84	77	77	110	14	5.5	6.0	92	1	3.3	1.38	13	45.5	36.0	18.5	42	12
QUAL	84	74	78	60	165	10	5.0	7.0	71	5	4.0	1.49	14	41.5	37.5	21.0	40	8
QUAL	86	70	76	58	145	27	2.0	3.0	67	1	3.2	1.49	13	48.0	27.5	24.5	40	6
QUAL	87	75	81	60	45	18	4.5	11.5	39	1	4.0	1.32	5	38.5	37.5	24.0	50	14
QUAL	89	76	58	70	120	19	3.5	6.5	54	2	4.0	1.31	7	33.0	42.5	24.5	48	14
QUAL	90	70	72	58	25	15	1.5	5.5	27	1	3.9	1.48	14	43.0	38.5	18.5	41	9
QUAL	93	68	70	57	85	28	1.0	3.5	29	1	3.8	1.43	16	46.0	32.5	21.5	42	8
QUAL	95	78	85	62	100	25	6.5	8.5	76	1	3.7	1.33	11	41.0	35.0	24.0	46	13
QUAL	96	93	95	72	45	2	19.0	19.5	97	7	4.0	1.26	13	34.5	42.5	23.0	46	8
QURU	02	72	75	59	155	3	5.0	5.0	100	8	3.0	1.33	8	78.0	15.0	7.0	48	30
QURU	06	68	75	56	270	6	0.	8.0	0	1	2.5	1.38	15	47.0	38.0	15.0	43	13
QURU	09	65	56	61	185	12	2.5	2.5	100	7	4.0	1.53	14	50.5	31.5	18.0	42	12
QURU	11	70	40	81	360	14	1.5	2.0	75	3	4.0	1.34	12	66.0	23.0	11.0	45	21
QURU	13	57	40	67	270	18	1.0	4.5	22	3	4.0	1.40	15	47.5	37.0	15.5	46	15
QURU	18	69	49	70	240	22	2.0	2.0	100	3	2.3	1.37	10	60.0	27.0	13.0	46	19
QURU	21	71	54	68	350	26	2.0	2.0	100	3	2.6	1.23	10	40.5	44.0	15.5	53	23
QURU	22	66	52	64	125	4	0.	3.0	0	1	3.2	1.40	12	49.0	37.0	14.0	45	15
QURU	56	78	50	78	20	24	4.0	7.5	53	1	3.1	1.31	15	47.0	33.5	19.5	44	13
QURU	57	62	50	62	280	19	1.5	3.5	43	4	3.9	1.34	15	56.5	28.0	15.5	45	15
QURU	61	68	48	71	20	28	2.0	7.0	29	3	2.8	1.48	16	47.5	35.0	17.5	40	5
QURU	62	55	41	64	270	8	.5	4.5	11	1	3.0	1.49	15	45.5	36.5	18.0	40	7
QURU	63	80	60	72	55	18	2.5	5.0	50	1	2.9	1.46	16	50.0	34.5	15.5	40	8
QURU	67	75	73	62	235	25	5.0	6.0	83	1	4.0	1.32	14	54.0	28.5	17.5	44	11
QURU	73	65	40	76	30	19	3.0	4.5	67	1	3.7	1.41	13	47.0	35.5	17.5	42	10
QURU	79	77	62	68	360	7	0.	2.0	0	4	3.5	1.31	13	52.5	29.5	18.0	45	9
QURU	81	70	62	62	270	8	.5	2.5	20	1	3.2	1.40	14	52.5	32.5	15.0	41	11
QURU	85	73	76	60	145	27	2.0	3.0	67	1	3.2	1.49	13	48.0	27.5	24.5	40	6
QURU	88	85	68	73	15	36	4.5	9.0	50	1	4.0	1.33	13	34.0	38.5	27.5	46	12
QURU	91	72	76	59	50	9	1.0	5.0	18	1	3.8	1.44	14	45.5	37.0	18.0	42	11
QURU	93	68	58	62	85	28	1.0	3.5	29	1	3.8	1.43	16	46.0	32.5	21.5	42	8
QURU	94	70	54	67	25	27	1.0	2.5	40	6	3.2	1.42	15	47.0	34.5	18.5	41	9
QUAL	04	55	73	45	230	17	3.0	6.0	50	1	4.0	1.43	9	59.0	27.0	14.0	-0	-0
QUAL	07	59	50	59	105	17	3.0	5.0	60	4	3.3	1.41	10	47.5	36.0	16.5	-0	-0
QUAL	23	66	48	68	350	15	1.5	5.5	27	1	3.1	1.45	13	52.5	34.0	13.5	-0	-0
QUAL	25	59	40	69	10	32	1.5	4.0	38	3	3.3	1.51	16	58.5	27.5	14.0	-0	-0
QUAL	27	51	41	59	330	17	.5	3.0	17	4	2.8	1.44	16	63.5	24.5	12.0	-0	-0
QUAL	28	50	68	42	240	12	.5	4.5	11	4	3.2	1.50	13	55.5	31.5	13.0	-0	-0
QUAL	40	86	71	72	350	52	3.0	4.5	67	3	2.8	1.29	16	55.5	30.0	14.5	-0	-0
QUAL	49	86	81	69	40	35	2.0	2.5	80	1	3.0	1.32	15	25.5	51.0	23.5	-0	-0
QUAL	52	71	68	60	70	25	2.0	3.5	57	1	3.7	1.52	14	51.0	32.0	17.0	-0	-0
QUAL	60	68	47	71	20	28	2.0	7.0	29	3	2.8	1.48	16	47.5	35.0	17.5	-0	-0
QUAL	64	58	127	43	190	20	1.5	5.0	30	1	3.3	1.37	14	56.5	27.5	16.0	-0	-0

QUAL	66	58	46	62	35	17	1.5	8.5	18	1	3.4	1.45	15	43.0	38.5	18.5	-0	-0
QUAL	74	58	44	64	265	3	0.	4.5	0	1	3.2	1.53	14	54.0	30.5	15.5	-0	-0
QUAL	78	70	58	64	45	15	2.0	3.0	67	1	4.0	1.52	14	42.0	38.0	20.0	-0	-0
QUAL	80	76	62	68	360	7	0.	2.0	0	4	3.5	1.31	13	52.5	29.5	18.0	-0	-0
QUAL	92	71	57	66	85	28	1.0	3.5	29	1	3.8	1.43	16	46.0	32.5	21.5	-0	-0
AVG		71	66	63	169	18	3.3	5.4	59	2	3.4	1.40	13	48.5	33.4	18.1	44	13
CVR		15	26	13	67	52	96.8	63.2	48	83	14.9	5.86	24	20.8	21.7	25.2	8	42
MAX		101	127	81	360	52	19.0	19.5	100	8	4.0	1.55	26	78.0	51.0	35.5	53	30
MIN		50	40	42	10	2	.5	2.0	11	1	2.2	1.23	5	25.5	15.0	7.0	39	2
TOT		74	74	74	74	74	69.0	74.0	69	74	74.0	74.00	74	74.0	74.0	74.0	58	58

SMALLEY,G.W.
UPLAND HARDWOODS
1963 NORTH ALABAMA

MIA = PERCENT MICRO PORES OF A HORIZON

STA = PERCENT STONE CONTENT OF A HORIZON

TAB = THICKNESS, A AND B HORIZONS

BDB = BULK DENSITY OF B HORIZON THB = THICKNESS OF B HORIZON

SAB = PERCENT SAND IN B HORIZON SIB = PERCENT SILT IN B HORIZON

CLB = PERCENT CLAY IN B HORIZON PSB = PERCENT PORE SPACE IN B HORIZON

MPB = PERCENT MACRO PORE SPACE IN B HORIZON

MIB = PERCENT MICRO PORE SPACE IN B HORIZON

STB = PERCENT STONE CONTENT OF B HORIZON

	MIA	STA	TAB	BDB	THB	SAB	SIB	CLB	PSB	MPB	MIB	STB
01	36	5	25	1.44	16	38.5	32.5	29.0	47	9	38	5
03	18	0	31	1.62	23	69.0	20.0	11.0	38	10	28	1
05	27	3	22	1.58	7	59.0	15.5	25.5	42	10	32	1
08	30	1	33	1.52	19	43.5	28.5	27.0	44	11	33	2
17	27	3	20	1.58	10	53.5	27.0	19.5	39	12	27	3
19	30	4	22	1.55	12	56.5	26.5	17.0	40	13	27	3
24	28	1	25	1.64	9	66.0	21.0	13.0	38	10	28	2
29	28	1	24	1.54	11	48.5	24.0	27.5	41	11	30	4
31	33	9	25	1.45	14	36.0	37.5	26.5	45	12	33	8
34	34	7	16	1.50	9	35.0	26.0	38.5	40	7	33	7
35	36	2	27	1.52	13	31.5	38.5	30.0	42	5	37	1
41	31	1	34	1.64	15	68.5	15.5	16.0	35	6	29	1
42	37	1	39	1.64	22	34.0	38.0	28.0	36	2	34	1
44	36	4	25	1.52	11	26.5	39.0	34.5	43	6	37	5
45	36	7	28	1.49	14	23.5	45.0	31.5	44	7	37	7
47	30	7	34	1.43	22	13.5	23.5	63.0	43	6	37	11
48	33	2	24	1.57	14	41.0	26.5	32.5	38	7	31	3
50	32	12	15	1.40	6	28.0	28.5	43.5	45	5	40	8
51	35	3	21	1.44	11	27.0	34.0	39.0	39	3	36	3
54	27	10	22	1.42	0	47.5	29.5	23.0	40	13	27	17
55	30	10	31	1.48	20	42.5	31.0	26.5	40	11	29	12
68	28	1	36	1.57	10	75.0	15.0	10.0	38	8	30	2
71	28	0	41	1.35	30	44.5	12.0	43.5	44	9	35	0
72	29	0	41	1.61	28	55.5	18.0	26.5	38	7	31	6
76	30	1	40	1.69	30	59.0	21.0	20.0	36	7	29	2
77	31	1	30	1.55	18	31.5	39.5	29.0	40	5	35	4
82	34	6	24	1.49	11	30.5	32.5	37.0	41	5	36	6
83	30	2	30	1.52	17	32.0	36.5	31.5	40	7	33	9
84	32	4	14	1.52	0	25.0	38.5	36.5	42	5	37	5
86	34	5	30	1.46	17	40.5	20.5	39.0	42	7	35	2
87	36	20	21	1.43	16	16.5	29.5	54.0	44	6	38	4
89	34	10	31	1.32	24	21.5	24.5	54.0	49	7	42	2
90	32	1	31	1.53	17	40.5	30.0	29.5	41	8	33	6
93	34	5	28	1.63	12	44.0	25.0	31.0	37	5	32	2
95	33	15	21	1.43	10	38.0	31.5	30.5	42	8	34	8
96	38	0	25	1.41	12	35.5	41.0	23.5	43	6	37	0
02	18	-0	31	1.62	23	69.0	20.0	11.0	38	10	28	-0
06	30	-0	25	1.63	10	45.0	30.0	25.0	39	8	31	-0
09	30	-0	33	1.52	19	43.5	29.5	27.0	44	11	33	-0
11	24	-0	30	1.54	18	67.0	16.0	17.0	42	17	25	-0
13	31	-0	32	1.58	17	46.0	31.5	22.5	42	9	33	-0
18	27	-0	20	1.58	10	53.5	27.0	19.5	39	12	27	-0
21	30	-0	22	1.55	12	56.5	26.5	17.0	40	13	27	-0
22	30	-0	30	1.55	18	37.0	36.5	26.5	43	9	34	-0
56	31	-0	23	1.59	8	45.5	25.0	29.5	35	4	31	-0
57	30	-0	32	1.60	17	58.0	13.0	29.0	35	4	31	-0
61	35	-0	22	1.54	6	47.0	29.0	24.0	39	6	33	-0
62	33	-0	25	1.57	10	39.0	34.0	27.0	38	6	32	-0
63	32	-0	27	1.58	11	46.0	27.5	26.5	37	5	32	-0
67	33	-0	35	1.54	21	25.0	35.0	40.0	40	5	35	-0
73	32	-0	34	1.55	21	42.5	29.0	28.5	40	8	32	-0
79	36	-0	26	1.53	13	44.0	21.5	34.5	38	3	35	-0
81	30	-0	27	1.54	13	46.0	19.0	35.0	40	6	34	-0
85	34	-0	30	1.46	17	40.5	20.5	39.0	42	7	35	-0
88	34	-0	35	1.41	22	23.0	35.5	41.5	45	8	37	-0
91	31	-0	27	1.53	13	41.0	29.0	30.0	40	5	35	-0
93	34	-0	28	1.63	12	44.0	25.0	31.0	37	5	32	-0
94	32	-0	15	1.37	0	18.0	45.0	37.0	46	8	38	-0
04	-0	-0	25	1.44	16	37.5	23.5	39.0	-0	-0	-0	-0
07	-0	-0	28	1.43	18	38.5	35.0	26.5	-0	-0	-0	-0
23	-0	-0	25	1.63	12	51.0	31.5	17.5	-0	-0	-0	-0
25	-0	-0	25	1.64	9	66.0	21.0	13.0	-0	-0	-0	-0
27	-0	-0	29	1.37	13	62.5	17.5	20.0	-0	-0	-0	-0
28	-0	-0	24	1.54	11	48.5	24.0	27.5	-0	-0	-0	-0
40	-0	-0	27	1.36	11	54.5	28.0	17.5	-0	-0	-0	-0
49	-0	-0	28	1.47	13	25.0	47.5	27.5	-0	-0	-0	-0
52	-0	-0	33	1.58	19	34.0	29.5	36.5	-0	-0	-0	-0
60	-0	-0	22	1.54	6	47.0	29.0	24.0	-0	-0	-0	-0

64	-0	-0	27	1.49	13	45.5	15.5	39.0	-0	-0	-0	-0
66	-0	-0	27	1.60	12	38.5	30.5	31.0	-0	-0	-0	-0
74	-0	-0	28	1.60	14	45.5	19.0	35.5	-0	-0	-0	-0
78	-0	-0	31	1.50	17	39.5	31.5	29.0	-0	-0	-0	-0
82	-0	-0	26	1.53	13	44.0	21.5	34.5	-0	-0	-0	-0
92	-0	-0	28	1.63	12	44.0	25.0	31.0	-0	-0	-0	-0
AVG	31	5	27	1.52	15	42.9	27.8	29.2	41	8	33	5
CVR	12	90	21	5.39	36	31.2	28.3	33.8	8	39	11	76
MAX	38	20	41	1.69	30	75.0	47.5	63.0	49	17	42	17
MIN	18	1	14	1.32	6	13.5	12.0	10.0	35	2	25	1
TOT	58	32	74	74.00	71	74.0	74.0	74.0	58	58	58	34

STOECKLER, J.H.
QUAKING ASPEN
CARD ONE

SI=SITE INDEX

SL=SOIL LAYER

AR=ABUNDANCE OF ROOTING

CL=CLAY

PH=PH

OC=ORGANIC CARBON

CR=CARBON NITROGEN RATIO

AN=ANNUAL GROWTH

TD=THICKNESS OR DEPTH

SC=SILT + CLAY

MQ=MOISTURE EQUIVALENT

OM=ORGANIC MATTER

TN=TOTAL NITROGEN

	SI	AN	SL	TD	AR	SC	CL	MQ	PH	OM	OC	TN	CR
001	53	11	1	.50	0	0.	0.	0.	5.90	60.48	35.06	1.09	32.20
001	-0	-0	2	.50	1	0.	0.	0.	5.40	14.96	8.67	.30	26.90
001	-0	-0	3	1.00	2	0.	0.	0.	0.	0.	0.	0.	0.
001	-0	-0	4	3.00	2	7.00	2.80	3.70	5.30	.85	.50	.03	16.60
001	-0	-0	5	7.00	3	7.30	4.10	5.20	5.50	.90	.51	.03	17.00
001	-0	-0	6	9.00	4	5.60	2.30	3.20	5.90	.57	.33	.01	33.00
001	-0	-0	7	28.00	5	1.00	.10	0.	6.30	.14	.08	.00	80.00
002	63	23	1	.50	0	0.	0.	0.	6.20	47.50	27.53	.82	33.50
002	-0	-0	2	.75	1	0.	0.	0.	5.70	41.28	23.93	.78	30.60
002	-0	-0	3	.57	2	0.	0.	0.	0.	0.	0.	0.	0.
002	-0	-0	4	2.00	2	14.00	3.60	6.80	5.30	1.94	1.12	.06	18.60
002	-0	-0	5	10.00	3	11.00	3.30	7.10	5.80	.86	.50	.03	16.60
002	-0	-0	6	16.00	4	9.10	2.40	3.30	6.10	.47	.27	.02	13.50
002	-0	-0	7	6.25	5	1.20	.70	0.	6.50	.07	.04	.00	10.00
003	70	38	1	.50	0	0.	0.	0.	5.10	38.49	23.31	.74	31.50
003	-0	-0	2	.75	1	0.	0.	0.	5.90	20.18	11.60	.33	35.20
003	-0	-0	3	.75	2	0.	0.	0.	0.	0.	0.	0.	0.
003	-0	-0	4	5.00	2	25.90	5.40	7.60	4.70	.96	.56	.03	18.70
003	-0	-0	5	7.00	2	28.00	7.30	12.10	5.10	3.38	1.94	.08	24.20
003	-0	-0	6	12.00	3	24.20	6.10	4.00	5.10	.82	.48	.03	16.00
003	-0	-0	7	22.25	0	5.00	1.20	0.	5.50	.34	.20	.01	28.50
004	78	43	1	.50	0	0.	0.	0.	6.10	79.60	46.14	.54	30.00
004	-0	-0	2	1.00	1	0.	0.	0.	5.90	32.10	18.60	.74	25.10
004	-0	-0	3	.50	2	0.	0.	0.	0.	0.	0.	0.	0.
004	-0	-0	4	1.00	2	47.70	12.50	9.00	5.20	1.24	.71	.03	23.60
004	-0	-0	5	7.00	2	32.30	7.40	8.80	5.50	1.74	1.01	.06	16.80
004	-0	-0	6	12.00	3	28.50	8.10	6.00	5.60	.74	.43	.02	21.50
004	-0	-0	7	14.50	4	15.40	8.00	0.	5.60	.32	.19	.00	47.50
05	82	55	1	.75	0	0.	0.	0.	6.10	25.05	14.52	.49	29.60
05	-0	-0	2	.25	1	0.	0.	0.	5.60	23.34	13.52	.49	27.50
05	-0	-0	3	2.50	1	78.20	10.00	25.50	5.30	7.50	4.34	.22	19.70
05	-0	-0	4	6.50	3	81.70	11.00	11.80	5.80	.49	.28	.02	14.00
05	-0	-0	5	6.00	3	80.90	6.40	14.40	6.10	.34	.20	.02	10.00
05	-0	-0	6	10.00	4	88.40	41.70	25.20	6.10	.50	.28	.03	9.30
05	-0	-0	7	14.00	5	70.60	9.10	11.00	6.60	.22	.13	.02	6.50
05	-0	-0	8	11.00	2	92.10	55.60	0.	8.00	.26	.15	.02	7.50
AVG	69	34	4	6.13	3	34.32	9.50	9.69	5.77	12.74	7.41	.22	24.16
CVR	17	51	51	109.97	49	93.59	139.83	69.74	10.41	161.74	161.71	141.04	57.72
MAX	82	55	8	28.00	5	92.10	55.60	25.50	8.00	79.60	46.14	1.09	80.00
MIN	53	11	1	.25	1	1.00	.10	3.20	4.70	.07	.04	.00	6.50
TOT	5	5	36	36.00	30	22.00	22.00	17.00	32.00	32.00	32.00	32.00	32.00

STOECKLER, J.H.
QUAKING ASPEN
CARD TWO

CA=LIME

AP=AVAILABLE PHOSPHOROUS

AP=AVAILABLE POTASH.

RC=REPLACEABLE CALCIUM

RM=REPLACEABLE MAGNESIUM

RH=REPLACEABLE HYDROGEN

RB=TOTAL REPLACEABLE BASES

EC=BASE EXCHANGE CAPACITY

	CA	AP	AP	RC	RM	RN	RB	EC
001	1.55	180.00	1400.00	26.40	4.74	0.	0.	46.70
001	.22	10.00	83.50	.48	.68	2.60	2.30	4.90
001	.48	37.00	180.00	7.80	1.79	0.	0.	14.40
001	0.	0.	0.	0.	0.	0.	0.	0.
001	.23	17.20	65.20	.43	.78	2.50	1.40	3.90
001	.26	6.40	52.40	.30	.57	2.90	1.55	3.45
001	.31	6.80	54.50	.30	.28	1.70	1.25	2.95
002	1.76	168.00	1010.00	26.80	4.42	0.	0.	52.40
002	1.24	104.00	580.00	21.30	3.64	0.	0.	43.30
002	0.	0.	0.	0.	0.	0.	0.	0.
002	.36	15.50	70.60	1.80	.39	3.72	3.18	6.90
002	.37	31.00	72.70	.75	.43	3.90	5.70	9.60
002	.34	69.00	62.10	.50	.21	2.65	1.05	3.70
002	.47	17.20	62.10	.43	.32	1.50	3.20	4.70
003	.98	98.00	790.00	19.30	5.99	0.	0.	36.90
003	2.54	184.00	1850.00	40.40	7.07	0.	0.	81.40
003	0.	0.	0.	0.	0.	0.	0.	0.
003	.09	6.00	27.80	.60	.28	2.20	1.10	3.20
003	.04	21.00	87.70	.75	.57	2.25	1.40	3.64
003	.52	14.00	55.60	.22	.13	.85	.96	1.80
003	.39	14.00	22.50	.17	.08	.70	.34	.70
004	3.21	300.00	2390.00	46.10	6.85	0.	0.	92.40
004	1.39	152.00	850.00	24.00	2.99	0.	0.	50.30
004	0.	0.	0.	0.	0.	0.	0.	0.
004	.49	61.00	59.90	2.15	.86	4.43	4.17	5.30
004	.53	49.00	92.00	1.80	.53	3.60	3.20	6.80
004	.59	98.00	87.70	.65	.36	3.70	2.05	5.75
004	.73	184.00	79.20	.30	.21	2.80	1.50	4.30
005	1.52	61.00	590.00	16.90	2.78	0.	0.	32.70
005	1.25	49.00	480.00	15.60	2.35	0.	0.	32.70
005	.85	23.00	72.80	7.50	2.28	5.20	11.70	16.90
005	.99	80.00	30.00	1.80	1.07	2.70	3.20	5.90
005	.05	110.00	34.20	5.10	2.07	2.40	7.25	9.65
005	.92	240.00	111.30	10.15	6.64	1.54	17.31	11.65
005	.10	63.00	48.20	3.65	2.28	1.30	6.30	7.60
005	1.12	30.00	196.90	23.50	18.42	1.22	17.33	18.55
AVG	.81	78.10	364.03	9.62	2.56	2.56	4.43	19.53
CVR	89.79	97.30	158.36	131.58	141.09	45.96	111.40	121.06
MAX	3.21	300.00	2390.00	46.10	18.42	5.20	17.33	92.40
MIN	.04	6.00	22.50	.17	.08	.70	.34	.70
TOT	32.00	32.00	32.00	32.00	32.00	22.00	22.00	32.00

TRIMBLE, G.R.
UPLAND OAKS
1956, NORTHERN APPALACHIANS

SI-SITE INDEX

SD-SOIL DEPTH

AS-ASPECT

SP-SLOPE PERCENT

SL-SLOPE LENGTH

DR-DISTANCE TO RIDGE

DP-DIST. TO RIDGE PERCENT

EL-ELEVATION

A1-PH A1 HORIZON

A2-PH A2 HORIZON

C -PH C HORIZON

HU-HUMUS

A1-HUMUS IN A1

A2-HUMUS IN A2

DC-DRAINAGE CLASS

TC-TEXTURAL CLASS

EX-EXPSURE

RC-ROCK

HT-HUMUS TYPE

	SI	SD	AS	SP	SL	DR	DP	EL	A1	A2	C	HU	A1	A2	DC	TC	EX	RC	HT
72	84	3.50	320	15	104.0	100.0	96	2700	4.60	4.40	4.40	.22	.18	.83	1	1	3	1	1
A-1	74	3.30	60	47	-0.	-0.	10	-0	-0.	-0.	-0.	-0.	-0.	-0.	1	1	-0	-0	-0
A-2	76	3.50	325	20	-0.	-0.	23	-0	-0.	-0.	-0.	-0.	-0.	-0.	1	1	-0	-0	-0
A-3	60	2.30	307	31	-0.	-0.	25	-0	-0.	-0.	-0.	-0.	-0.	-0.	1	1	-0	-0	-0
1	81	3.50	140	11	25.0	5.0	20	2800	5.20	5.20	-0.	.30	.30	.70	1	1	3	2	2
3	65	3.50	220	38	9.5	3.5	37	2700	-0.	-0.	-0.	.30	.20	.65	1	1	2	1	2
4	64	3.50	263	42	11.0	4.5	41	2600	4.40	5.00	-0.	.20	.20	.60	1	1	3	1	3
5	81	3.50	86	53	4.0	3.5	88	2500	4.60	4.80	-0.	.32	.30	1.00	1	1	2	1	2
6	76	2.75	280	24	66.0	62.0	94	2600	4.20	4.20	-0.	.23	.20	.32	1	1	3	3	4
7	59	2.75	293	32	52.0	12.0	23	3100	4.20	4.00	-0.	.25	.17	.32	2	1	3	3	4
8	68	2.75	163	21	40.0	2.0	5	2800	4.60	4.40	-0.	.05	.05	.12	1	1	2	2	5
9	80	3.50	48	32	22.0	16.0	73	1700	4.80	4.80	-0.	.34	.34	.41	1	1	3	2	1
10	57	1.00	48	61	22.0	3.0	14	2100	4.40	4.60	-0.	.15	.12	.14	1	1	3	2	2
11	74	2.75	50	61	11.5	9.5	83	1800	5.20	4.80	-0.	.20	.20	.64	1	1	2	2	1
12	69	2.25	48	61	11.5	6.5	57	2000	4.60	4.60	-0.	.18	.16	.55	1	1	2	2	2
13	66	2.25	46	73	11.5	3.5	30	2250	4.60	4.60	-0.	.17	.15	.61	1	1	3	2	2
14	53	2.75	228	61	14.0	12.0	86	1800	4.60	4.60	-0.	.18	.16	.69	1	1	2	2	2
888	36	2.35	198	44	20.5	2.0	10	2800	4.40	4.50	4.60	.11	.08	.87	1	1	3	1	3
67	72	3.50	181	6	8.0	4.5	56	3500	4.40	4.60	4.60	.16	.11	.80	2	3	3	1	2
898	50	2.25	180	41	20.5	8.0	39	2750	-0.	-0.	-0.	.17	.15	.75	1	1	2	1	2
66	70	3.50	166	4	8.0	2.0	25	3500	4.60	4.60	4.60	.15	.12	-0.	2	3	3	1	2
64	73	3.50	351	9	28.0	4.0	14	3500	4.40	4.40	4.40	-0.	-0.	-0.	2	3	3	1	2
80	80	3.50	114	23	16.0	9.0	56	2700	-0.	-0.	-0.	.20	.18	.70	1	1	3	2	2
81	89	3.50	112	21	16.0	3.5	22	2700	-0.	-0.	-0.	-0.	-0.	-0.	1	1	3	3	5
2	71	2.75	150	15	13.0	3.0	23	2800	4.60	5.00	-0.	.30	.30	.70	1	2	3	1	2
82	60	2.25	317	45	8.5	2.0	24	2700	-0.	-0.	-0.	.35	.30	.90	1	1	3	1	2
16	59	2.75	236	45	9.0	6.5	72	1800	4.40	4.60	-0.	.08	-0.	-0.	1	1	1	2	3
17	78	2.25	40	61	20.0	17.0	85	2200	5.40	4.80	-0.	.20	.17	.73	1	1	2	1	2
21	53	2.75	276	61	9.0	5.0	56	1800	5.00	-0.	-0.	.15	.13	.59	1	1	2	1	2
22	65	2.75	256	33	32.0	29.0	91	2000	5.00	4.80	-0.	.18	.16	.45	1	1	1	3	2
23	66	3.50	150	39	11.0	8.5	77	2300	4.60	4.60	-0.	.15	.12	.62	1	1	2	2	2
24	38	1.50	173	24	11.0	1.0	9	2600	4.40	4.60	-0.	.18	.15	.28	1	1	3	2	3
25	66	2.75	247	33	13.0	7.0	54	2100	4.40	4.80	-0.	.20	.18	.84	1	1	2	3	6
26	56	2.25	234	42	13.0	1.0	8	2500	4.40	5.00	-0.	.25	.20	1.00	1	1	2	3	6
27	70	2.75	360	73	6.0	4.5	75	2000	5.00	4.60	-0.	.24	.22	1.30	1	1	2	1	2
83	76	2.75	145	23	11.0	9.5	86	2700	-0.	-0.	-0.	.32	.29	.70	1	1	2	2	3
29	62	3.50	230	44	16.0	9.0	56	3400	-0.	-0.	-0.	-0.	-0.	-0.	1	1	3	3	7
30	65	2.75	350	64	9.0	5.5	61	2300	4.60	4.40	-0.	.37	.28	.99	1	1	2	2	2
31	58	1.75	336	62	9.0	1.0	11	2500	4.80	4.60	-0.	.45	.40	.67	1	1	3	3	3
48	57	1.75	205	64	10.0	7.0	70	1800	4.80	4.40	-0.	.15	.12	.60	1	1	2	3	3
49	54	1.75	193	56	18.0	9.0	50	2100	4.80	4.60	-0.	.17	.15	.70	1	1	2	2	2
50	60	2.25	225	39	9.5	1.5	16	2800	-0.	-0.	-0.	.30	.20	.50	1	1	3	1	3
52	65	3.00	130	17	6.0	1.0	17	2700	-0.	-0.	-0.	.32	.30	.67	1	1	3	2	5
53	77	3.50	140	33	25.0	24.0	96	2600	-0.	-0.	-0.	.23	.20	.85	1	1	1	1	2
54	73	3.50	140	23	25.0	14.0	56	2400	-0.	-0.	-0.	.22	.20	.95	1	1	2	1	2
56	77	3.50	260	30	11.0	9.5	86	2400	-0.	-0.	-0.	.17	.15	.82	1	1	2	2	2
58	81	3.50	305	23	6.5	6.0	92	2600	4.80	4.80	4.60	.23	.20	.50	1	1	2	1	2
59	69	3.50	295	35	6.5	3.0	46	2700	4.40	4.60	4.40	.25	.20	.80	1	1	2	1	3
60	52	2.25	295	38	6.5	1.0	15	2800	4.40	4.60	4.40	.20	.15	.90	1	1	3	1	3
61	55	3.50	282	29	9.0	2.0	22	2000	4.00	4.60	4.60	.19	.15	.87	1	1	3	2	3
84	70	2.75	152	25	11.0	6.0	55	2700	-0.	-0.	-0.	.13	.12	.73	1	1	2	1	3
71	64	3.50	246	41	120.0	60.0	50	2800	4.80	4.80	4.60	.24	.22	.74	1	1	2	1	2
85	69	2.75	320	21	6.5	1.5	23	2700	-0.	-0.	-0.	.20	.18	.85	1	1	3	1	2
73	52	2.50	234	56	9.0	4.5	50	1850	-0.	-0.	-0.	.15	.05	.80	1	1	2	1	3
74	45	2.00	234	52	9.0	2.0	22	1900	-0.	-0.	-0.	.12	.06	.70	1	1	2	1	3
75	59	1.50	48	62	11.5	1.5	13	2300	4.40	4.40	4.40	.18	.14	.80	1	1	3	1	3
76	64	2.50	290	17	5.0	1.0	20	2700	-0.	-0.	-0.	.15	.12	.70	1	1	3	1	3
77	81	3.50	92	18	14.0	2.0	14	2700	-0.	-0.	-0.	.57	.55	.65	1	1	3	3	5
78	85	3.50	90	21	14.0	7.0	50	2700	-0.	-0.	-0.	.33	.30	.79	1	1	3	2	5
79	82	3.50	106	24	16.0	14.0	88	2700	-0.	-0.	-0.	.18	.15	.71	1	1	3	2	2
86	68	3.50	317	45	8.5	3.5	41	2700	-0.	-0.	-0.	.25	.20	.63	1	1	2	1	2
87	82	3.50	326	33	8.5	7.5	88	2700	-0.	-0.	-0.	.18	.15	.78	1	1	2	1	1
90	73	3.50	170	41	20.5	19.0	93	2400	-0.	-0.	-0.	.17	.15	.70	1	1	2	1	2
51	68	2.75	-0	-0	-0.	-0.	-0	2800	-0.	-0.	-0.	.25	.20	.75	1	1	3	1	2
55	65	2.25	-0	-0	-0.	-0.	-0	2400	-0.	-0.	-0.	.35	.28	.23	1	2	3	3	2
57	40	.75	-0	-0	-0.	-0.	-0	2200	-0.	-0.	-0.	.15	.10	-0.	1	1	3	2	3
63	67	3.50	176	3	8.0	7.5	94	3500	4.40	4.60	4.60	.23	.19	-0.	3	3	3	1	2

65	68	2.75	-0	-0	-0.	-0.	-0	3500	4.40	4.40	4.60	.30	.24	.65	1	1	3	2	2
68	69	3.50	10	3	20.0	19.0	95	3500	4.20	4.40	-0.	.23	.17	-0.	3	3	3	1	2
69	59	7.00	-0	-0	-0.	-0.	-0	1600	4.40	4.40	4.40	.10	.05	.80	1	2	1	1	3
AVG	66	2.91	200	36	18.2	10.0	49	2535	4.59	4.61	4.51	.22	.19	.69	1	1	2	2	3
CVR	17	29.15	48	51	112.3	162.0	61	19	6.46	4.96	2.28	39.74	45.49	30.95	36	46	25	45	46
MAX	89	7.00	360	73	120.0	100.0	96	3500	5.40	5.20	4.60	.57	.55	1.30	3	3	3	3	7
MIN	36	.75	10	3	4.0	1.0	5	1600	4.00	4.00	4.40	.05	.05	.12	1	1	1	1	1
TOT	70	70.00	65	65	62.0	62.0	65	67	41.00	40.00	14.00	64.00	63.00	59.00	70	70	67	67	67

WALKER,N. (AND REED,R.M.)
WESTERN CATALPA
1960 CENTRAL OKLAHOMA

SA = PERCENT SAND
SI = PERCENT SILT
CL = PERCENT CLAY
PH = PH READING
P = AVAILABLE PHOSPHORUS (LBS/ACRE)
K = AVAILABLE POTASSIUM (LBS/ACRE)
O = PERCENT ORGANIC MATTER
N = PERCENT NITROGEN
LT = NO. OF LIVE TREES
GP = NO. OF GAPS
HT = WEIGHTED AVG HEIGHT (FT)
DI = WEIGHTED AVG DIAMETER (IN)

		SA	SI	CL	PH	P	K	O	N	LT	GP	HT	DI
A-01 BOTTOM	00-06	65.25	30.25	4.50	7.7	30	156	.351	.0150	25	0	30.5	3.7
A-01 BOTTOM	06-07	-0.	-0.	-0.	7.7	25	164	.679	.0240	25	0	30.5	3.7
A-01 BOTTOM	07-16	83.25	12.25	4.50	7.8	12	100	.351	.0150	25	0	30.5	3.7
A-01 BOTTOM	16-19	43.25	34.25	22.50	7.7	11	256	1.287	.0660	25	0	30.5	3.7
A-01 BOTTOM	19-23	89.25	6.25	4.50	7.8	7	92	.468	.0040	25	0	30.5	3.7
A-01 BOTTOM	23-32	35.25	48.25	16.50	7.7	17	144	1.030	.0480	25	0	30.5	3.7
A-01 BOTTOM	33-60	47.00	30.25	22.75	7.7	9	184	1.264	.0620	25	0	30.5	3.7
B-02 BOTTOM	00-07	53.00	32.25	14.75	7.3	59	360	1.802	.0880	22	3	21.6	2.9
B-02 BOTTOM	07-27	89.75	2.00	8.25	7.6	14	88	.445	.0180	22	3	21.6	2.9
B-02 BOTTOM	27-37	51.00	30.25	18.75	7.6	9	184	1.076	.0510	22	3	21.6	2.9
B-02 BOTTOM	37-57	29.75	34.25	36.00	7.3	6	220	1.661	.0620	22	3	21.6	2.9
B-02 BOTTOM	57-72	54.00	32.25	13.75	7.9	12	80	.351	.0150	22	3	21.6	2.9
C-03 BOTTOM	00-14	27.50	46.00	26.50	7.2	46	220	2.050	.1080	24	4	6.7	1.0
C-03 BOTTOM	14-16	17.50	50.00	32.50	7.2	20	444	.725	.0490	24	4	6.7	1.0
C-03 BOTTOM	16-19	40.00	37.75	22.25	7.1	22	184	.625	.0420	24	4	6.7	1.0
C-03 BOTTOM	19-23	40.00	39.75	20.25	7.2	20	148	.425	.0330	24	4	6.7	1.0
C-03 BOTTOM	23-26	22.25	53.50	24.25	7.2	25	196	.700	.0450	24	4	6.7	1.0
C-03 BOTTOM	26-30	34.25	47.50	18.25	7.5	23	192	.500	.0350	24	4	6.7	1.0
C-03 BOTTOM	30-32	12.00	58.25	29.75	7.6	20	168	.475	.0350	24	4	6.7	1.0
C-03 BOTTOM	32-34	10.00	58.25	31.75	7.7	12	196	.450	.0400	24	4	6.7	1.0
C-03 BOTTOM	34-38	30.25	46.00	23.75	7.7	19	132	.325	.0260	24	4	6.7	1.0
C-03 BOTTOM	38-41	26.00	48.25	25.75	7.7	20	148	.425	.0260	24	4	6.7	1.0
C-03 BOTTOM	41-54	40.25	40.00	19.75	7.7	15	112	.300	.0210	24	4	6.7	1.0
C-04 BOTTOM	00-12	10.25	51.75	38.00	6.7	46	456	2.600	.1260	20	6	9.3	1.1
C-04 BOTTOM	12-18	24.00	47.75	28.25	7.0	14	240	1.000	.0590	20	6	9.3	1.1
C-04 BOTTOM	18-20	26.00	52.25	21.75	7.2	15	196	.600	-0.	20	6	9.3	1.1
C-04 BOTTOM	20-25	34.25	46.00	19.75	7.5	27	168	.490	-0.	20	6	9.3	1.1
C-04 BOTTOM	25-39	45.75	32.50	21.75	7.7	20	136	.325	-0.	20	6	9.3	1.1
C-04 BOTTOM	39-48	20.00	52.25	27.75	7.8	46	148	.370	-0.	20	6	9.3	1.1
B-05 BOTTOM	00-03	31.25	46.25	22.50	7.3	65	540	2.350	.1170	26	1	21.9	2.7
B-05 BOTTOM	03-14	53.25	34.25	12.50	7.3	52	304	.825	.0450	26	1	21.9	2.7
B-05 BOTTOM	14-17	19.25	52.25	28.50	7.5	22	220	1.580	.0820	26	1	21.9	2.7
B-05 BOTTOM	17-23	9.25	48.00	42.75	7.3	23	328	1.930	.0960	26	1	21.9	2.7
B-05 BOTTOM	23-32	9.25	36.50	54.25	7.2	17	360	1.600	.0800	26	1	21.9	2.7
B-05 BOTTOM	32-56	14.00	49.75	36.25	7.3	17	256	.825	.0530	26	1	21.9	2.7
A-06 BOTTOM	00-03	55.50	32.25	12.25	7.3	65	328	.866	.0590	23	2	25.0	3.2
A-06 BOTTOM	03-11	82.25	9.50	8.25	7.5	28	520	.515	.0250	23	2	25.0	3.2
A-06 BOTTOM	11-15	80.00	13.50	6.50	7.7	27	428	.674	.0190	23	2	25.0	3.2
A-06 BOTTOM	15-28	20.25	47.50	32.25	7.4	31	292	1.520	.0750	23	2	25.0	3.2
A-06 BOTTOM	28-49	8.00	33.75	58.25	7.3	22	360	2.010	.1050	23	2	25.0	3.2
A-06 BOTTOM	49-58	14.00	44.25	41.75	7.7	39	204	.632	.0330	23	2	25.0	3.2
A-06 BOTTOM	58-76	73.25	12.50	13.75	7.5	36	388	.328	.0080	23	2	25.0	3.2
A-07 BOTTOM	00-04	63.50	26.25	10.25	7.1	65	292	1.100	.0490	19	0	27.0	3.7
A-07 BOTTOM	04-08	43.00	42.00	15.00	7.3	30	240	1.100	.0410	19	0	27.0	3.7
A-07 BOTTOM	08-18	45.25	44.25	10.50	7.2	28	204	1.264	.0620	19	0	27.0	3.7
A-07 BOTTOM	18-32	49.25	36.25	14.50	7.3	33	184	1.010	.0490	19	0	27.0	3.7
A-07 BOTTOM	32-35	71.50	14.25	14.25	7.4	55	184	1.030	.0490	19	0	27.0	3.7
A-07 BOTTOM	35-40	39.50	44.25	16.25	7.5	55	156	.749	.0330	19	0	27.0	3.7
A-07 BOTTOM	40-72	15.25	50.50	34.25	7.4	44	256	.725	.0430	19	0	27.0	3.7
B-08 BOTTOM	00-04	84.75	11.50	3.75	7.5	38	176	.720	.0315	20	0	20.5	2.6
B-08 BOTTOM	04-06	78.75	14.25	7.00	7.4	17	124	.510	.0236	20	0	20.5	2.6
B-08 BOTTOM	06-13	64.75	26.25	9.00	7.3	17	144	.560	.0236	20	0	20.5	2.6
B-08 BOTTOM	13-16	54.75	30.25	15.00	7.1	22	132	.550	.0315	20	0	20.5	2.6
B-08 BOTTOM	16-28	67.50	23.50	9.00	7.3	23	100	.414	.0197	20	0	20.5	2.6
B-08 BOTTOM	28-34	61.75	22.25	16.00	7.6	39	100	.600	.0236	20	0	20.5	2.6
B-08 BOTTOM	34-36	56.75	32.25	11.00	7.7	38	104	.760	.0414	20	0	20.5	2.6
B-08 BOTTOM	36-52	42.75	42.25	15.00	7.6	30	116	.440	.0217	20	0	20.5	2.6
B-08 BOTTOM	52-62	50.00	12.25	37.75	7.5	62	228	.690	.0394	20	0	20.5	2.6
B-08 BOTTOM	62-72	9.75	44.25	46.00	7.7	62	248	.710	.0414	20	0	20.5	2.6
C-09 BOTTOM	00-05	62.75	24.25	13.00	7.0	36	212	.920	.0483	18	1	11.3	1.4
C-09 BOTTOM	05-15	62.75	26.25	11.00	6.9	20	196	.590	.0355	18	1	11.3	1.4
C-09 BOTTOM	15-26	58.75	30.25	11.00	7.0	36	164	.480	.0276	18	1	11.3	1.4
C-09 BOTTOM	26-30	37.00	44.00	19.00	7.0	59	168	1.050	.0453	18	1	11.3	1.4
C-09 BOTTOM	30-32	32.75	46.25	21.00	7.0	63	204	1.250	.0611	18	1	11.3	1.4
C-09 BOTTOM	32-36	30.75	42.25	27.00	7.1	47	192	.854	.0394	18	1	11.3	1.4
C-09 BOTTOM	36-49	44.75	32.00	23.25	6.9	44	164	.550	.0335	18	1	11.3	1.4
C-09 BOTTOM	49-72	28.00	42.25	29.75	7.5	55	176	.480	.0236	18	1	11.3	1.4
A-10 BOTTOM	00-02	59.75	28.25	12.00	6.4	62	368	2.700	.1410	18	8	26.8	4.3
A-10 BOTTOM	02-06	62.00	22.00	16.00	6.4	25	332	.700	.0040	18	8	26.8	4.3
A-10 BOTTOM	06-13	55.75	30.25	14.00	6.3	23	264	1.090	.0570	18	8	26.8	4.3

A-10	BOTTOM	13-15	37.50	36.50	26.00	6.3	31	220	2.354	.1080	18	8	26.8	4.3
A-10	BOTTOM	15-42	31.50	36.50	32.00	6.2	28	256	1.770	.0880	18	8	26.8	4.3
A-10	BOTTOM	42-90	35.75	32.25	32.00	6.6	19	256	.610	.0350	18	8	26.8	4.3
B-11	BOTTOM	00-02	74.00	18.00	8.00	7.5	38	144	.280	.0240	15	4	21.8	3.0
B-11	BOTTOM	02-04	49.75	28.25	22.00	7.7	43	132	.780	.0570	15	4	21.8	3.0
B-11	BOTTOM	04-10	39.50	38.50	22.00	6.0	40	328	1.530	.0940	15	4	21.8	3.0
B-11	BOTTOM	10-16	35.50	38.50	26.00	7.5	59	256	1.730	.1030	15	4	21.8	3.0
B-11	BOTTOM	16-31	38.50	43.50	18.00	7.5	41	196	.890	.0620	15	4	21.8	3.0
B-11	BOTTOM	31-45	50.00	26.00	24.00	7.3	41	240	1.145	.0530	15	4	21.8	3.0
B-11	BOTTOM	45-90	51.50	28.00	20.50	7.6	41	220	.650	-0.	15	4	21.8	3.0
C-12	UPLAND	00-02	57.50	30.25	12.25	6.2	30	220	2.100	.0770	13	8	9.0	1.0
C-12	UPLAND	02-17	59.50	26.25	14.25	6.3	15	156	1.000	.0510	13	8	9.0	1.0
C-12	UPLAND	17-30	67.75	20.00	12.25	6.6	12	104	.525	.0280	13	8	9.0	1.0
C-12	UPLAND	30-36	73.75	14.00	12.25	6.8	27	92	.325	.0240	13	8	9.0	1.0
C-12	UPLAND	36-52	75.75	10.25	14.00	7.0	11	68	.325	.0260	13	8	9.0	1.0
B-13	BOTTOM	00-03	12.00	42.00	46.00	7.3	65	580	3.100	.1500	11	8	22.0	3.5
B-13	BOTTOM	03-05	56.00	24.00	20.00	7.2	65	312	1.230	.0880	11	8	22.0	3.5
B-13	BOTTOM	05-17	75.75	12.00	12.25	7.2	64	204	.540	.0260	11	8	22.0	3.5
B-13	BOTTOM	17-26	25.75	40.25	34.00	7.1	65	444	2.030	.1120	11	8	22.0	3.5
B-13	BOTTOM	26-28	13.50	51.75	34.75	7.6	65	360	1.100	.0640	11	8	22.0	3.5
B-13	BOTTOM	28-34	9.50	56.25	34.25	7.2	65	312	.750	.0440	11	8	22.0	3.5
B-13	BOTTOM	34-36	13.50	66.25	20.25	7.6	64	192	.400	.0260	11	8	22.0	3.5
B-13	BOTTOM	36-48	15.25	50.50	34.25	7.6	62	196	.450	.0310	11	8	22.0	3.5
B-13	BOTTOM	48-90	3.50	46.25	50.25	7.6	43	316	.800	.0440	11	8	22.0	3.5
C-14	UPLAND SLOPE	00-03	63.50	26.25	10.25	6.4	17	264	1.380	.0640	24	2	8.6	1.2
C-14	UPLAND SLOPE	03-05	63.50	22.25	14.25	6.2	25	272	1.150	.0570	24	2	8.6	1.2
C-14	UPLAND SLOPE	05-13	57.50	18.25	24.25	5.9	31	396	.980	.0510	24	2	8.6	1.2
C-14	UPLAND SLOPE	13-21	63.75	12.00	24.25	5.1	17	212	.600	.0400	24	2	8.6	1.2
C-14	UPLAND SLOPE	21-54	53.75	18.00	28.25	5.5	12	176	.600	.0310	24	2	8.6	1.2
C-14	UPLAND SLOPE	54-78	55.50	22.50	22.00	5.7	14	176	.230	-0.	24	2	8.6	1.2
C-14	UPLAND SLOPE	78-90	59.50	20.25	20.25	6.0	11	164	.200	-0.	24	2	8.6	1.2
A-15	BOTTOM	00-02	61.50	28.50	10.00	6.5	65	304	2.250	.1280	20	7	27.7	3.9
A-15	BOTTOM	02-05	71.75	18.00	10.25	6.4	51	228	.870	.0420	20	7	27.7	3.9
A-15	BOTTOM	05-08	53.75	32.25	14.00	6.2	31	280	1.220	.0730	20	7	27.7	3.9
A-15	BOTTOM	08-12	45.50	34.50	20.00	6.1	38	316	1.744	.0920	20	7	27.7	3.9
A-15	BOTTOM	12-27	45.50	32.50	22.00	7.6	62	220	1.940	.1030	20	7	27.7	3.9
A-15	BOTTOM	27-45	39.75	34.25	26.00	6.1	22	192	.870	.0620	20	7	27.7	3.9
A-15	BOTTOM	45-90	30.00	32.00	38.00	6.3	-0	256	.423	.0400	20	7	27.7	3.9
BC16	BOTTOM	00-07	42.75	42.25	15.00	5.2	65	220	1.800	.0910	-0	-0	-0.	-0.
BC16	BOTTOM	07-10	36.75	42.25	21.00	5.3	16	168	1.032	.0560	-0	-0	-0.	-0.
BC16	BOTTOM	10-21	30.75	44.00	25.25	5.6	7	164	.702	.0430	-0	-0	-0.	-0.
BC16	BOTTOM	21-24	48.75	36.00	15.25	6.0	9	132	.421	.0230	-0	-0	-0.	-0.
BC16	BOTTOM	24-26	68.75	22.25	9.00	5.9	11	104	.257	.0180	-0	-0	-0.	-0.
BC16	BOTTOM	26-33	50.50	36.00	13.50	5.9	2	124	.538	.0250	-0	-0	-0.	-0.
BC16	BOTTOM	33-42	82.75	12.00	5.25	6.1	6	80	.164	.0080	-0	-0	-0.	-0.
BC16	BOTTOM	42-84	32.50	52.00	15.50	6.0	25	164	.725	.0350	-0	-0	-0.	-0.
AB17	BOTTOM	00-03	42.50	40.00	17.50	5.6	22	232	2.395	.0113	-0	-0	-0.	-0.
AB17	BOTTOM	03-06	34.75	34.00	31.25	4.9	9	176	1.865	.0880	-0	-0	-0.	-0.
AB17	BOTTOM	06-18	26.75	44.00	29.25	5.2	2	196	1.390	.0720	-0	-0	-0.	-0.
AB17	BOTTOM	18-23	28.75	56.00	15.25	5.4	8	176	.765	.0455	-0	-0	-0.	-0.
AB17	BOTTOM	23-27	50.75	34.00	15.25	5.5	7	144	.503	.0275	-0	-0	-0.	-0.
AB17	BOTTOM	27-39	48.50	40.00	11.50	5.6	3	124	.363	.0190	-0	-0	-0.	-0.
AB17	BOTTOM	39-48	62.75	32.25	5.00	6.1	6	104	.268	.0160	-0	-0	-0.	-0.
AB17	BOTTOM	48-66	-0.	-0.	-0.	6.1	12	176	.887	.0390	-0	-0	-0.	-0.
AB17	BOTTOM	66-72	-0.	-0.	-0.	6.4	29	204	1.249	.0480	-0	-0	-0.	-0.
AB18	BOTTOM	00-06	34.75	46.25	19.00	5.6	21	248	2.472	.1240	-0	-0	-0.	-0.
AB18	BOTTOM	06-17	24.75	46.00	29.25	5.3	4	176	1.176	.0670	-0	-0	-0.	-0.
AB18	BOTTOM	17-21	36.75	42.25	21.00	5.6	2	148	.672	.0370	-0	-0	-0.	-0.
AB18	BOTTOM	21-25	48.50	36.00	15.50	5.6	1	144	.480	.0280	-0	-0	-0.	-0.
AB18	BOTTOM	25-36	62.50	28.00	9.50	5.6	2	104	.280	.0190	-0	-0	-0.	-0.
AB18	BOTTOM	36-40	40.50	44.00	15.50	5.6	1	148	.552	.0330	-0	-0	-0.	-0.
AB18	BOTTOM	40-43	50.50	40.50	9.50	5.9	8	112	.408	.0210	-0	-0	-0.	-0.
AB18	BOTTOM	43-56	28.50	54.00	17.50	5.9	12	156	.960	.0460	-0	-0	-0.	-0.
AB18	BOTTOM	56-64	28.50	44.00	27.50	6.2	33	212	1.344	.0470	-0	-0	-0.	-0.
AB19	BOTTOM	00-04	49.50	42.00	8.50	6.2	30	156	1.570	.0980	12	8	28.3	3.3
AB19	BOTTOM	04-16	46.50	41.25	12.25	5.8	14	132	1.240	.0880	12	8	28.3	3.3
AB19	BOTTOM	16-29	54.50	33.25	12.25	5.9	1	80	.360	.0180	12	8	28.3	3.3
AB19	BOTTOM	29-47	55.50	34.00	10.50	6.0	1	88	.360	.0240	12	8	28.3	3.3
AB19	BOTTOM	47-84	43.50	42.00	14.50	6.3	31	132	1.290	.0500	12	8	28.3	3.3
AB20	UPLAND	00-07	60.50	22.00	17.50	6.3	65	520	2.630	.1220	-0	-0	-0.	-0.
AB20	UPLAND	07-11	49.50	36.00	14.50	6.0	21	396	2.430	.0980	-0	-0	-0.	-0.
AB20	UPLAND	11-28	32.50	41.25	26.25	5.6	2	164	1.470	.0800	-0	-0	-0.	-0.
AB20	UPLAND	28-39	38.50	43.25	18.25	6.0	1	112	.800	.0440	-0	-0	-0.	-0.
AB20	UPLAND	39-48	44.50	37.25	18.25	5.9	9	100	1.320	.0540	-0	-0	-0.	-0.
B-21	UPLAND	00-05	31.50	52.00	16.50	5.8	65	752	4.020	.1990	-0	-0	-0.	-0.
B-21	UPLAND	05-19	42.50	39.25	18.25	6.1	51	396	.930	.0460	-0	-0	-0.	-0.
B-21	UPLAND	19-37	51.75	34.00	14.25	6.5	7	124	.440	.0360	-0	-0	-0.	-0.
B-21	UPLAND	37-41	51.50	36.00	12.50	6.1	14	124	.670	.0300	-0	-0	-0.	-0.
B-22	BOTTOM	00-05	82.50	12.00	5.50	6.9	54	328	.840	.0420	6	1	21.0	2.7
B-22	BOTTOM	05-36	86.50	8.00	5.50	6.5	43	232	.220	.0200	6	1	21.0	2.7
B-22	BOTTOM	36-48	60.50	34.00	5.50	7.9	36	164	.080	.0080	6	1	21.0	2.7
B-22	BOTTOM	48-70	56.50	36.00	7.50	7.8	29	164	.420	.0220	6	1	21.0	2.7
B-22	BOTTOM	70-84	87.75	6.00	6.25	7.6	29	132	.130	.0120	6	1	21.0	2.7
B-23	BOTTOM	00-07	76.25	18.00	5.75	6.9	54	316	.890	.0550	5	0	23.0	3.2
B-23	BOTTOM	07-12	80.25	14.00	5.75	6.4	38	164	.600	.0350	5	0	23.0	3.2
B-23	BOTTOM	12-38	85.75	8.00	6.25	6.7	38	228	.300	.0250	5	0	23.0	3.2
B-23	BOTTOM	38-43	52.25	38.00	9.75	6.9	54	228	.100	.0420	5	0	23.0	3.2
B-23	BOTTOM	43-48	93.75	0.	6.25	7.2	19	124	.050	.0050	5	0	23.0	3.2
B-23	BOTTOM	48-72	69.75	24.00	6.25	6.3	43	192	.150	.0120	5	0	23.0	3.2
B-24	BOTTOM	00-05	74.50	22.00	3.50	6.7	50	232	.620	.0400	17	1	18.0	2.4
B-24	BOTTOM	05-44	80.50	14.00	5.50	6.4	40	176	.550	.0270	17	1	18.0	2.4
B-24	BOTTOM	44-48	89.75	4.00	6.25	6.5	20	132	.130	.0080	17	1	18.0	2.4
A-25	BOTTOM	00-05	84.25	10.00	5.75	7.0	50	220	.970	.0550	6	1	35.5	4.5

A-25	BOTTOM	05-36	76.25	20.50	3.25	7.1	57	248	.320	.0200	6	1	35.5	4.5
A-25	BOTTOM	36-39	87.75	7.50	4.75	8.0	50	104	.170	.0100	6	1	35.5	4.5
A-25	BOTTOM	39-48	66.50	24.00	9.50	7.4	9	288	.150	.0220	6	1	35.5	4.5
A-26	BOTTOM	00-07	88.50	6.00	5.50	7.2	59	328	.720	.0450	8	0	37.0	4.0
A-26	BOTTOM	07-18	94.50	0.	5.50	8.1	48	116	.080	.0100	8	0	37.0	4.0
A-26	BOTTOM	18-30	94.00	1.75	4.25	8.2	35	100	.050	.0100	8	0	37.0	4.0
A-26	BOTTOM	30-42	81.75	12.00	6.25	7.6	16	272	.130	.0170	8	0	37.0	4.0
A-26	BOTTOM	42-48	75.75	18.00	6.25	7.4	57	292	.150	.0150	8	0	37.0	4.0
A-27	BOTTOM	00-05	70.25	24.00	5.75	7.5	46	168	.640	.0400	10	4	32.3	4.1
A-27	BOTTOM	05-24	95.25	2.00	5.75	8.0	49	104	.250	.0150	10	4	32.3	4.1
A-27	BOTTOM	24-28	93.25	1.00	5.75	7.9	23	104	.150	.0120	10	4	32.3	4.1
A-27	BOTTOM	28-48	54.25	28.25	17.50	7.6	7	332	.220	.0180	10	4	32.3	4.1
A-28	BOTTOM	00-05	82.25	12.00	5.75	6.5	59	264	.770	.0470	17	9	27.7	3.8
A-28	BOTTOM	05-13	49.75	36.50	13.75	7.3	14	368	.990	.0620	17	9	27.7	3.8
A-28	BOTTOM	13-23	30.50	40.00	29.50	7.8	30	196	.770	.0520	17	9	27.7	3.8
A-28	BOTTOM	23-29	72.00	14.25	13.75	7.7	12	92	.400	.0270	17	9	27.7	3.8
A-28	BOTTOM	29-84	88.00	6.50	5.50	8.1	11	48	.170	.0170	17	9	27.7	3.8
A-28	BOTTOM	84-96	50.25	34.00	15.75	7.6	16	144	.970	.0500	17	9	27.7	3.8
B-29	BOTTOM	00-09	76.25	14.50	9.25	7.1	10	312	.740	.0420	27	0	20.3	2.6
B-29	BOTTOM	09-13	86.25	8.00	5.75	7.0	6	312	.470	.0270	27	0	20.3	2.6
B-29	BOTTOM	13-18	64.25	26.50	9.25	6.9	5	288	.790	.0420	27	0	20.3	2.6
B-29	BOTTOM	18-26	64.25	26.50	9.25	6.9	4	232	.690	.0400	27	0	20.3	2.6
B-29	BOTTOM	26-44	66.00	20.75	13.25	6.9	12	204	.470	.0320	27	0	20.3	2.6
B-29	BOTTOM	44-60	68.00	14.50	17.50	6.6	3	192	.440	.0350	27	0	20.3	2.6
C-30	UPLAND	00-06	56.25	24.25	19.50	6.0	4	240	.760	.0350	28	0	8.3	1.0
C-30	UPLAND	06-14	56.25	26.00	17.75	5.4	2	176	.570	.0570	28	0	8.3	1.0
C-30	UPLAND	14-23	66.25	22.00	11.75	5.5	8	148	.350	.0270	28	0	8.3	1.0
C-30	UPLAND	23-29	73.75	12.50	13.75	5.6	2	164	.190	.0170	28	0	8.3	1.0
C-30	UPLAND	29-33	78.50	10.00	11.50	5.7	14	124	.130	.0150	28	0	8.3	1.0
C-30	UPLAND	33-39	58.25	36.00	5.75	5.9	15	124	.050	.0100	28	0	8.3	1.0
C-30	UPLAND	39-48	92.25	2.00	5.75	6.1	1	64	.030	.0070	28	0	8.3	1.0
A-31	BOTTOM	00-05	83.75	10.00	6.25	6.6	32	332	1.280	.0670	23	4	21.7	3.1
A-31	BOTTOM	05-15	74.00	20.00	6.00	7.6	5	212	.640	.0420	23	4	21.7	3.1
A-31	BOTTOM	15-24	83.75	10.00	6.25	7.5	12	132	.620	.0370	23	4	21.7	3.1
A-31	BOTTOM	24-28	57.75	28.00	14.25	7.5	4	144	1.480	.0670	23	4	21.7	3.1
A-31	BOTTOM	28-42	74.00	20.00	6.00	7.7	1	88	.270	.0250	23	4	21.7	3.1
B-32	BOTTOM	00-05	66.00	28.00	6.00	7.1	14	272	1.670	.0750	25	2	18.0	2.6
B-32	BOTTOM	05-22	69.75	24.00	6.25	6.3	3	104	.910	.0470	25	2	18.0	2.6
B-32	BOTTOM	22-39	69.75	20.00	10.25	5.9	4	136	.620	.0420	25	2	18.0	2.6
B-32	BOTTOM	39-42	70.00	16.00	14.00	6.4	1	116	.440	.0400	25	2	18.0	2.6
C-33	UPLAND	00-08	59.75	30.00	10.25	7.4	3	164	.930	.0570	25	2	7.6	1.1
C-33	UPLAND	08-26	31.75	46.00	22.25	7.9	34	68	.760	.0420	25	2	7.6	1.1
C-33	UPLAND	26-37	68.00	26.00	6.00	8.1	64	48	.100	.0100	25	2	7.6	1.1
C-33	UPLAND	37-42	65.75	26.00	8.25	7.8	29	76	.120	.0100	25	2	7.6	1.1
A-34	BOTTOM	00-07	85.50	11.00	3.50	6.6	27	248	.320	.0400	13	1	34.5	4.5
A-34	BOTTOM	07-24	61.25	35.25	3.50	5.0	27	168	.550	.0350	13	1	34.5	4.5
A-34	BOTTOM	24-27	65.25	31.25	3.50	5.2	17	88	.290	.0150	13	1	34.5	4.5
A-34	BOTTOM	27-39	67.25	29.25	3.50	5.4	14	52	.170	.0040	13	1	34.5	4.5
A-34	BOTTOM	39-45	73.50	23.25	3.25	5.5	20	52	.060	.0220	13	1	34.5	4.5
A-34	BOTTOM	45-48	73.25	22.25	4.50	5.5	36	112	.210	.0310	13	1	34.5	4.5
A-35	BOTTOM	00-06	87.50	9.25	3.25	6.9	27	228	.320	.0040	10	1	36.5	6.4
A-35	BOTTOM	06-23	73.25	23.25	3.50	6.5	46	212	.340	.0290	10	1	36.5	6.4
A-35	BOTTOM	23-40	85.25	11.25	3.50	5.9	7	44	.080	.0090	10	1	36.5	6.4
A-35	BOTTOM	40-42	83.50	13.25	3.25	5.6	20	76	.160	.0130	10	1	36.5	6.4
A-35	BOTTOM	42-48	83.25	13.25	3.50	5.6	7	52	.080	.0110	10	1	36.5	6.4
B-36	UPLAND SLOPE	00-08	82.00	14.50	3.50	6.8	12	124	.260	.0110	16	0	25.6	3.7
B-36	UPLAND SLOPE	08-30	84.25	12.50	3.25	6.4	7	60	.120	.0090	16	0	25.6	3.7
B-36	UPLAND SLOPE	30-48	95.25	1.50	3.25	6.6	4	44	.080	.0150	16	0	25.6	3.7
B-37	UPLAND SLOPE	00-06	80.25	16.50	3.25	7.2	33	312	.340	.0070	15	1	22.4	4.2
B-37	UPLAND SLOPE	06-20	62.25	30.50	4.25	5.6	30	168	.360	.0180	15	1	22.4	4.2
B-37	UPLAND SLOPE	20-38	69.50	26.25	4.25	5.8	31	52	.200	.0090	15	1	22.4	4.2
B-37	UPLAND SLOPE	38-48	76.00	17.75	6.25	5.5	27	76	.140	.0620	15	1	22.4	4.2
C-38	UPLAND SLOPE	00-24	70.00	27.75	4.25	5.6	56	760	.280	.0130	14	2	17.0	3.1
C-38	UPLAND SLOPE	24-48	78.50	18.25	3.25	5.7	20	100	.140	.0070	14	2	17.0	3.1
C-39	UPLAND SLOPE	00-06	77.00	19.75	3.25	6.1	27	116	.360	.0130	15	1	10.4	2.7
C-39	UPLAND SLOPE	06-25	74.00	21.75	4.25	5.6	27	80	.160	.0090	15	1	10.4	2.7
C-39	UPLAND SLOPE	25-31	79.75	16.50	3.75	5.5	20	68	.140	.0070	15	1	10.4	2.7
C-39	UPLAND SLOPE	31-48	92.00	4.25	3.75	5.9	15	44	.060	.0020	15	1	10.4	2.7
B-40	UPLAND	00-06	76.00	18.50	3.50	6.8	28	204	.260	.0130	15	1	23.0	3.7
B-40	UPLAND	06-28	67.00	29.25	3.75	5.6	33	136	.220	.0090	15	1	23.0	3.7
B-40	UPLAND	28-30	72.00	20.50	7.50	5.1	44	88	.180	.0130	15	1	23.0	3.7
B-40	UPLAND	30-43	79.25	17.50	3.25	5.4	41	44	.080	.0020	15	1	23.0	3.7
B-40	UPLAND	43-48	71.75	19.50	8.75	5.5	65	124	.140	.0090	15	1	23.0	3.7
B-41	UPLAND	00-13	73.75	22.50	3.75	6.4	51	184	.320	.0110	14	2	24.3	3.9
B-41	UPLAND	13-34	78.25	18.25	3.50	5.4	23	44	.160	.0370	14	2	24.3	3.9
B-41	UPLAND	34-48	69.75	26.50	3.75	5.3	25	60	.120	.0350	14	2	24.3	3.9
AVG			55.97	29.06	15.22	6.7	28	198	.761	.0418	18	4	21.2	2.9
CVR			40.21	48.05	70.79	12.4	69	56	84.185	74.0372	35	76	40.8	41.9
MAX			95.25	66.25	58.25	8.2	65	760	4.020	.1990	28	9	37.0	6.4
MIN			3.50	1.00	3.25	4.9	1	44	.030	.0020	5	1	6.7	1.0
TOT			236.00	234.00	236.00	239.0	238	239	239.000	232.0000	204	153	204.0	204.0

WARING, R.H.
REDWOOD AREA
CALIFORNIA COAST, CARDONE

DP-DEPTH (CM)

BD-BULK DENSITY

.3-.3 ATMOSPHERES

15-15 ATMOSPHERES VALUE

15-.3-15 ATMOSPHERES

SC-STORAGE CAPACITY

PH-PH

PN-PERCENT NITROGEN

K-EXCHANGEABLE K, (ME/100G)

CA-EXCHANGEABLE CA, (ME/100G)

MG-EXCHANGEABLE MG, (ME/100G)

	DP	BD	.3	15	.3	SC	PH	PN	K	CA	MG
15	30.00	1.31	8.90	4.40	4.50	1.78	6.50	.03	.15	7.40	3.50
15	40.00	1.09	12.60	5.10	7.50	3.26	6.40	.03	.19	8.90	4.00
15	20.00	1.23	10.80	5.00	5.80	1.43	6.50	.03	.16	8.20	3.50
15	30.00	1.10	20.00	7.30	12.70	4.20	6.50	.07	.19	12.40	5.50
15	40.00	1.06	23.90	7.10	16.80	7.10	6.60	.06	.20	11.50	5.60
15	20.00	1.10	33.40	8.90	24.50	5.40	6.80	.08	.27	15.00	6.40
15	10.00	1.07	32.40	8.80	23.60	2.52	6.40	.08	.28	13.20	5.50
14	40.00	1.18	22.20	10.40	11.60	5.57	5.60	.09	.25	8.30	6.90
14	20.00	.96	13.30	8.10	5.20	1.00	5.40	.10	.33	7.70	5.00
14	10.00	.91	28.10	12.30	15.80	1.44	5.20	.24	.34	10.40	6.50
14	30.00	1.08	17.00	8.10	8.90	2.88	7.00	.04	.23	10.90	4.90
14	40.00	1.18	24.60	10.40	14.20	6.70	5.80	.09	.24	11.60	5.10
14	20.00	.96	26.20	13.00	13.20	2.54	5.90	.11	.34	13.90	6.40
14	10.00	.95	25.80	13.60	12.20	1.16	5.70	.18	.42	18.70	6.80
13	30.00	1.25	9.60	4.40	5.20	1.95	6.60	.05	.21	5.30	3.70
13	40.00	1.24	10.20	4.60	5.60	2.78	6.50	.05	.23	6.30	3.80
13	20.00	1.07	21.60	8.60	13.00	2.78	6.40	.17	.30	10.30	2.70
13	10.00	1.11	21.80	6.80	15.00	1.66	6.30	.10	.29	11.00	3.10
12	30.00	1.18	12.10	5.90	6.20	2.19	5.50	.03	.42	9.80	2.70
12	40.00	1.05	17.80	10.00	7.80	3.27	5.80	.04	.40	10.60	2.80
12	20.00	1.00	39.50	18.50	21.00	4.20	5.80	.22	.69	25.50	4.90
12	10.00	.95	39.40	19.70	19.70	1.78	5.60	.29	.77	26.90	6.00
12	30.00	1.20	36.70	11.80	24.90	4.32	6.00	.07	.28	12.70	8.30
12	40.00	1.13	36.20	12.30	23.90	5.10	6.00	.09	.35	12.70	7.70
12	20.00	.88	37.90	14.30	23.60	4.18	6.00	.16	.39	17.20	7.90
12	10.00	1.20	40.20	10.80	29.40	3.53	6.20	.09	.41	14.00	6.90
12	30.00	1.11	30.40	9.40	21.00	6.97	6.00	.05	.37	10.60	8.40
12	40.00	1.12	26.00	8.50	17.50	7.84	6.00	.06	.40	9.10	7.00
12	40.00	1.12	26.00	85.00	17.50	7.84	6.00	.06	.40	9.10	7.00
12	20.00	1.16	29.80	11.60	18.20	4.20	6.00	.11	.44	14.00	8.40
12	10.00	1.00	36.50	13.20	23.30	2.33	5.80	.14	.66	17.10	9.90
11	30.00	1.10	25.90	14.10	11.80	4.10	5.60	.09	.41	19.50	12.40
11	40.00	1.00	25.40	13.70	11.70	6.80	5.80	.13	.50	18.00	8.60
11	20.00	.93	26.60	13.60	13.00	3.51	5.80	.24	.40	22.70	8.60
11	10.00	.92	37.90	20.70	17.20	1.60	6.20	.43	1.04	37.20	12.70
10	30.00	.61	16.90	9.80	8.10	1.48	5.00	.03	.42	3.70	3.90
10	40.00	.56	26.80	18.00	8.80	1.97	5.90	.21	.90	14.10	4.40
10	20.00	.55	33.50	22.90	10.60	1.16	6.00	.31	.96	18.90	6.00
10	10.00	.67	38.20	23.80	14.40	.98	5.90	.35	1.06	21.20	6.70
09	40.00	1.47	25.40	13.70	11.70	6.80	5.30	.09	.69	14.50	5.50
09	20.00	1.35	26.60	13.60	13.00	3.51	5.60	.10	.72	16.50	4.30
/	10.00	.93	37.90	20.70	17.20	1.60	6.20	.28	1.05	29.70	6.10
08	30.00	1.18	27.10	15.60	11.50	4.08	5.60	.08	.94	13.70	6.50
08	40.00	1.12	28.70	17.00	11.70	5.24	5.50	.11	1.21	15.60	4.80
08	20.00	1.05	31.80	18.50	13.30	2.80	5.80	.14	1.32	15.50	4.70
08	10.00	.84	42.00	23.30	18.70	1.57	5.80	.29	1.39	25.00	6.20
08	30.00	1.10	24.50	15.60	8.90	2.94	5.40	.08	.44	21.00	10.70
08	40.00	.80	26.00	16.80	9.20	2.94	5.50	.10	.47	22.40	10.40
08	20.00	1.03	31.40	19.50	11.90	2.45	5.50	.16	.52	26.40	11.40
08	10.00	.51	44.00	21.80	22.20	1.13	5.60	.23	.52	26.60	10.30
08	30.00	.61	28.20	16.20	12.00	2.20	5.40	.06	.79	13.10	5.40
08	40.00	.83	25.60	14.20	11.40	3.79	5.40	.05	.83	10.00	3.40
08	20.00	.74	29.70	13.50	16.20	2.40	5.50	.06	.81	9.10	3.10
08	10.00	.64	35.00	15.60	19.40	1.24	5.80	.16	.88	13.70	3.70
07	40.00	.64	19.60	6.50	13.10	3.36	5.50	.04	.40	4.10	1.70
07	20.00	.95	27.20	7.30	19.90	3.78	5.50	.05	.40	2.60	1.30
07	10.00	.62	26.90	7.90	19.00	1.18	5.00	.08	.40	2.50	1.20
06	30.00	.96	31.40	14.20	17.20	4.96	5.10	.06	.27	2.20	1.30
06	40.00	.85	37.10	14.40	22.70	7.70	5.80	.15	.64	6.20	1.80
06	20.00	.82	42.70	16.00	26.70	4.38	6.10	.30	1.16	5.70	1.60
06	10.00	.67	46.40	17.10	29.30	1.96	6.10	.44	1.44	8.60	1.70
05	30.00	.93	28.40	11.30	17.10	4.77	6.00	.08	.82	10.80	3.40
05	40.00	.88	33.30	11.70	21.60	7.60	6.10	.14	1.20	10.20	2.70
05	20.00	.74	43.90	15.10	28.80	4.26	6.20	.28	1.76	13.00	3.70
05	10.00	.72	46.80	15.50	31.30	2.25	6.20	.33	1.35	14.70	4.70
04	30.00	.61	38.40	20.80	17.60	3.22	5.40	.09	.82	19.60	10.60
04	40.00	.91	33.40	20.30	13.10	4.76	4.80	.10	.69	16.80	9.30
04	20.00	1.06	35.50	20.10	15.40	3.26	5.20	.14	1.18	18.10	7.80
04	10.00	.79	43.00	21.70	21.30	1.68	5.70	.27	1.43	25.50	7.10
04	30.00	1.20	26.40	14.30	12.10	4.36	5.60	.05	.36	7.40	18.30
04	40.00	1.12	23.40	12.10	11.30	5.10	5.50	.05	.36	4.80	13.80
04	20.00	1.21	26.60	11.00	15.60	3.77	5.50	.11	.42	5.60	8.10
04	10.00	.77	31.80	13.30	18.50	1.42	5.70	.20	.61	9.30	7.80

04	30.00	.86	22.00	13.90	8.10	2.09	4.90	.06	.37	16.90	8.50
04	10.00	.91	31.50	14.60	16.90	1.54	5.40	.21	1.06	14.20	4.70
04	20.00	1.12	23.70	14.30	9.40	2.10	5.00	.09	.82	17.50	6.80
04	40.00	.92	24.20	14.00	10.20	3.70	4.80	.06	.53	16.30	7.70
03	30.00	.83	20.40	12.00	8.40	2.09	6.40	.07	.33	18.20	5.60
03	20.00	.98	26.20	13.80	12.40	2.43	5.40	.17	.69	14.70	4.50
03	40.00	.83	23.80	13.50	10.30	3.42	2.90	.10	.47	18.20	5.90
03	10.00	.96	28.30	13.20	15.10	1.45	5.30	.12	.62	14.40	5.00
03	30.00	1.48	28.90	14.80	14.10	6.25	7.80	.04	.18	31.50	18.30
03	40.00	1.21	29.60	15.40	14.20	6.87	6.70	.05	.22	17.70	19.10
03	20.00	1.37	31.20	16.90	14.30	3.93	5.90	.06	.33	12.90	24.40
03	10.00	1.29	27.90	14.30	13.60	1.75	5.70	.13	.55	11.40	16.10
03	20.00	.19	24.50	11.00	13.50	.51	5.70	.13	.50	8.30	2.80
03	20.00	.89	26.00	10.90	15.10	2.69	5.60	.13	.51	7.90	2.90
03	10.00	.81	24.40	10.70	13.70	1.11	5.50	.15	.52	7.80	2.90
03	30.00	.92	30.20	11.20	19.00	5.25	5.20	.15	.40	.90	.50
03	40.00	.72	28.80	13.10	15.70	4.52	5.10	.24	.66	1.40	.60
03	10.00	.79	26.40	12.90	13.50	1.07	5.20	.53	1.42	6.50	1.50
03	20.00	.74	31.00	14.30	16.70	2.47	5.30	.43	1.19	7.40	2.00
02	20.00	.24	27.40	13.80	13.60	.65	5.70	.16	1.05	15.20	6.30
02	20.00	.65	28.90	13.30	15.60	.84	6.00	.19	1.20	14.50	5.40
02	10.00	.71	28.80	13.20	15.60	1.00	9006.10	.24	1.09	17.90	5.00
02	10.00	.12	23.60	13.30	10.30	.12	5.20	.06	.59	13.00	6.00
02	20.00	.31	22.60	12.50	10.10	.63	5.20	.05	.54	11.70	6.00
02	10.00	.63	24.40	12.20	12.20	.77	5.40	.11	.87	13.90	6.00
01	30.00	1.30	4029.10	15.70	13.40	5.40	6.80	.06	.22	5.80	27.00
01	40.00	1.30	2027.10	14.60	12.50	6.60	6.60	.08	.23	6.30	42.00
01	20.00	1.20	37.50	22.20	15.30	3.60	8006.50	.14	.25	5.30	33.00
01	10.00	1.10	37.40	21.90	15.50	1.70	6.50	.19	.35	6.30	32.00
01	40.00	.75	15.40	9.30	6.10	1.80	3007.00	.01	.03	.70	2.30
01	20.00	.64	20.30	11.70	8.60	1.10	7.00	.04	.11	2.50	5.60
01	10.00	.62	21.00	11.00	10.00	.62	6.90	.06	.11	3.10	5.80
01	30.00	.37	17.00	12.60	4.40	.49	7.10	.02	.08	.60	7.60
01	20.00	.35	29.60	21.70	7.90	.55	7.00	.05	.14	1.50	13.00
01	10.00	.59	42.00	24.60	17.40	1.00	3006.80	.16	.38	6.10	19.00
09	30.00	1.16	25.90	14.10	11.80	4.10	5.30	.09	.59	15.40	5.70
14	30.00	.93	16.10	7.40	8.70	2.44	5.50	.05	.24	6.30	6.10
15	10.00	1.21	11.60	7.40	6.90	1.21	6.20	.03	.26	7.40	3.30
AVG	24.14	.93	82.01	14.13	14.55	3.10	213.05	.13	.58	12.54	7.40
CVR	46.55	29.22	515.89	58.03	39.49	62.72	563.00	77.16	64.12	56.16	89.56
MAX	40.00	1.48	4029.10	85.00	31.30	7.84	9006.10	.53	1.76	37.20	42.00
MIN	10.00	.12	8.90	4.40	4.40	.12	2.90	.01	.03	.60	.50
TOT	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00

WARING
CARD 2

EL=ELEVATION
SP=SLOPE PERCENT
AS=ASPECT
TP=TOPOGRAPHIC POSITION
BA=BASAL AREA
V =VOLUME
D=DEPTH(CM)
TH=TOTAL HYDROGEN
K=REPLACEABLE POTASSIUM CATIONS
CA=REPLACEABLE CALCIUM CATIONS
MG=REPLACEABLE MAGNESIUM CATIONS
SC=STORAGE CAPACITY

	EL	SP	AS	TP	BA	V	D	TH	K	CA	MG	SC
01	850	70	1	1	170	7400	30	127	.33	4.6	20.6	2.1
01	900	20	1	2	93	5500	30	92	.15	3.5	7.8	2.6
01	1200	55	2	3	110	5000	30	533	.98	19.6	115.0	17.4
02	3300	35	3	1	-0	-0	30	103	.88	16.0	8.2	1.5
02	3100	35	3	5	-0	-0	30	419	2.33	24.1	11.1	2.6
02	3370	1	-0	4	-0	-0	30	1053	2.88	38.8	4.1	13.3
03	3380	35	1	4	-0	-0	30	358	1.32	20.1	7.5	4.3
03	550	30	5	2	-0	-0	30	341	1.61	50.0	87.6	9.6
04	500	35	4	3	228	9700	30	401	2.79	52.1	19.5	9.4
03	500	35	4	3	-0	-0	30	522	1.94	42.6	13.6	18.8
04	800	30	6	2	170	1600	30	431	1.49	20.7	25.6	14.6
04	950	50	7	2	342	14000	30	503	3.64	58.5	22.1	12.9
05	2600	65	8	5	190	2600	30	658	3.58	29.8	8.9	18.9
06	3000	1	-0	5	196	6500	30	787	2.87	15.1	3.8	19.0
07	600	65	4	5	214	6800	30	156	1.00	6.5	3.2	8.3
08	750	58	3	2	290	17000	30	195	1.76	22.2	7.0	9.6
08	400	35	5	2	318	16300	30	451	1.67	63.8	28.7	9.5
08	2000	15	2	5	366	19800	30	538	3.94	53.6	15.1	13.7
08	500	38	8	4	376	25800	30	530	2.92	72.2	17.3	16.0
09	375	65	5	4	350	29000	30	573	1.77	35.0	11.1	5.6
10	300	20	7	4	370	26600	30	849	1.89	76.4	27.7	14.8
11	175	1	-0	6	460	35000	30	394	1.67	49.6	29.4	21.3
11	155	1	-0	6	825	76000	30	393	1.18	47.1	22.2	17.1
12	260	1	-0	6	855	80000	30	715	2.08	76.6	15.5	11.4
13	170	1	-0	6	278	9500	30	476	.96	34.2	36.8	9.2
14	130	1	-0	6	134	2300	30	392	1.04	44.4	18.7	13.3
14	135	1	-0	6	159	3000	30	420	.95	24.2	15.5	10.4
14	550	12	5	6	96	2300	30	-0	0.	0.	0.	0.
15	160	1	-0	6	86	1600	30	267	.89	47.1	20.0	19.2
15	150	1	-0	6	23	1000	30	110	.71	29.1	12.6	7.7
AVG	1060	27	4	4	279	15846	30	461	1.77	37.2	21.9	11.5
CVR	106	87	53	42	74	126	0	52	56.50	56.2	108.6	49.8
MAX	3380	70	8	6	855	80000	30	1053	3.94	76.6	115.0	21.3
MIN	130	1	1	1	23	1000	30	92	.15	3.5	3.2	1.5
TOT	30	30	20	30	24	24	30	29	29.00	29.0	29.0	29.0

ZAHNER, R.
LOBLOLLY AND SHORTLEAF PINE
SOUTH ARKANSAS, NORTH LOUISIANNA

AG-AGE

SI-SITE INDEX

TP-TOPO POSITION

SD-SURFACE DRAINAGE

ST-SURFACE TEXTURE

SC-SUB-SOIL COLOR

DA-DEPTH A

HT-HEIGHT

OF-OLD FIELD OR NATL. STAND

SP-SLOPE PERCENTAGE

SS-SOIL SERIES

TG-TEXTURE GRADE

CO-CONSISTENCE

AG-SHORTLEAF AGE

	AG	HT	SI	OF	TP	SP	SD	SS	ST	TG	SC	CO	DA	AG
001	52	94	93	2	2	16	4	3	33	180	-0	-0	-0	10
002	51	93	92	2	2	23	4	7	22	990	-0	-0	-0	10
003	47	91	93	2	2	23	4	1	12	990	-0	-0	-0	10
004	43	80	85	2	4	38	3	2	28	200	-0	-0	-0	10
005	51	89	88	2	3	11	1	1	30	990	-0	-0	-0	10
006	50	90	90	2	3	31	1	3	35	990	-0	-0	-0	10
007	50	75	75	1	2	26	4	6	13	100	-0	-0	-0	10
008	60	96	91	1	3	11	1	1	35	990	-0	-0	-0	10
009	52	81	80	2	4	38	1	2	24	100	520	800	790	10
010	43	88	93	1	4	36	5	3	10	120	-0	-0	-0	10
011	51	79	78	2	4	15	1	1	21	990	-0	-0	-0	10
012	49	77	78	1	2	26	1	3	21	100	-0	-0	-0	10
013	50	81	81	2	4	34	5	8	33	120	-0	-0	-0	10
014	56	93	90	1	2	11	5	8	10	990	-0	-0	-0	10
015	53	88	86	1	4	34	5	3	33	140	530	780	760	10
016	42	85	91	2	3	34	5	8	33	160	-0	-0	-0	10
017	52	81	80	2	2	27	1	1	15	990	520	750	740	10
019	48	77	78	2	4	31	4	1	35	40	480	740	750	10
020	50	87	87	1	2	11	4	3	17	990	-0	-0	-0	10
021	49	95	96	1	2	37	5	1	35	990	490	900	910	10
022	47	81	83	1	4	15	1	1	21	990	-0	-0	-0	10
023	53	99	97	1	2	18	5	8	35	140	530	920	900	10
024	51	81	80	2	4	36	5	3	16	100	-0	-0	-0	10
025	51	87	86	2	4	34	5	3	10	100	510	860	850	10
026	43	85	90	2	2	37	1	1	29	990	-0	-0	-0	10
027	48	91	92	1	2	11	1	1	21	990	-0	-0	-0	10
028	54	86	84	1	2	25	4	6	24	140	-0	-0	-0	10
029	38	78	88	1	2	11	5	8	17	990	-0	-0	-0	10
030	53	79	77	2	4	14	1	3	25	100	-0	-0	-0	10
031	53	90	88	2	3	34	5	1	11	160	-0	-0	-0	10
032	50	92	92	2	2	11	1	3	21	990	-0	-0	-0	10
033	46	89	92	1	2	10	5	3	33	180	460	820	850	10
034	48	85	86	1	2	37	1	1	21	990	-0	-0	-0	10
035	46	73	75	1	2	26	4	4	24	990	-0	-0	-0	10
036	51	84	83	2	3	31	1	3	27	220	-0	-0	-0	10
037	51	81	80	2	4	13	1	3	25	120	510	750	750	10
038	45	76	79	1	2	26	4	6	21	140	-0	-0	-0	10
039	39	85	94	2	4	11	1	1	35	200	-0	-0	-0	10
040	61	78	73	2	4	38	2	2	20	80	-0	-0	-0	10
041	49	79	80	2	4	34	5	9	11	260	490	780	790	10
042	60	95	90	1	1	29	5	5	14	990	-0	-0	-0	10
043	41	89	96	2	2	18	1	3	36	180	-0	-0	-0	10
045	48	80	81	2	2	15	1	1	21	990	-0	-0	-0	10
046	59	85	80	1	3	14	5	2	27	120	590	800	730	10
047	59	89	84	2	4	34	5	8	10	140	580	810	750	10
048	62	91	85	1	2	15	7	7	21	990	-0	-0	-0	10
049	54	82	80	1	4	11	5	5	29	990	-0	-0	-0	10
050	61	80	75	1	2	25	3	2	21	990	-0	-0	-0	10
051	44	71	75	1	2	25	2	2	21	990	-0	-0	-0	10
052	52	80	79	1	3	25	3	2	21	990	-0	-0	-0	10
053	43	77	82	1	2	37	1	1	35	990	-0	-0	-0	10
054	52	81	80	1	2	37	1	1	35	990	520	780	770	10
055	42	80	86	1	2	15	1	1	21	990	420	800	780	10
056	61	93	87	2	3	11	5	5	29	990	-0	-0	-0	10
057	44	82	86	2	4	31	5	1	35	140	-0	-0	-0	10
058	44	78	82	1	3	31	5	1	35	140	-0	-0	-0	10
059	49	75	76	2	4	25	1	3	21	60	-0	-0	-0	10
060	43	78	83	1	4	11	5	5	29	990	-0	-0	-0	10
061	54	74	73	2	4	28	5	5	35	260	-0	-0	-0	10
062	65	91	86	2	4	15	1	1	21	990	-0	-0	-0	10
063	50	82	82	1	2	27	4	4	21	990	-0	-0	-0	10
065	60	82	77	1	2	37	5	5	15	990	-0	-0	-0	10
066	50	80	80	2	4	31	1	3	36	180	500	750	750	10
067	62	80	75	1	4	28	5	5	36	280	650	780	700	10
068	54	82	80	1	3	11	1	1	18	990	-0	-0	-0	10
069	51	90	89	1	2	15	4	4	21	990	-0	-0	-0	10
070	43	75	80	2	4	35	5	2	33	100	-0	-0	-0	10
071	51	85	84	1	2	27	4	4	29	990	-0	-0	-0	10
072	54	91	89	1	4	11	5	5	29	990	-0	-0	-0	10
073	52	85	84	1	3	11	5	8	29	990	520	850	840	10
074	51	75	75	1	2	15	4	4	23	60	-0	-0	-0	10
076	51	86	85	1	3	28	5	3	35	240	510	750	750	10
078	53	83	81	1	2	15	4	4	21	990	-0	-0	-0	10

079	46	86	89	1	2	37	1	1	29	990	-0	-0	-0	10
080	50	76	76	1	4	15	1	3	19	990	-0	-0	-0	10
081	53	92	90	1	1	12	4	4	34	990	-0	-0	-0	10
082	47	81	83	1	2	15	1	1	21	990	-0	-0	-0	10
083	53	79	77	2	4	13	5	2	32	60	530	770	750	10
084	42	75	81	1	2	27	4	4	21	990	-0	-0	-0	10
085	41	71	79	1	2	37	5	5	29	990	450	710	750	10
086	42	68	73	1	2	27	4	4	21	990	-0	-0	-0	10
087	54	80	78	2	4	35	5	5	11	160	-0	-0	-0	10
088	40	78	85	1	2	27	4	4	21	990	-0	-0	-0	10
090	50	80	80	2	2	32	1	1	35	80	480	770	760	10
091	55	90	87	1	1	12	7	2	13	180	-0	-0	-0	10
092	54	86	85	1	2	27	4	2	21	990	-0	-0	-0	10
093	48	87	88	1	2	11	4	4	29	990	-0	-0	-0	10
095	46	88	91	1	2	15	1	3	21	990	-0	-0	-0	10
096	48	85	86	1	2	27	4	7	21	990	-0	-0	-0	10
097	50	91	91	1	2	37	4	4	29	990	-0	-0	-0	10
098	56	100	96	1	2	27	1	1	21	990	540	910	860	10
099	45	79	83	2	4	35	5	3	33	100	450	750	800	10
100	52	84	83	2	4	35	1	3	10	120	-0	-0	-0	10
101	55	82	79	1	2	15	5	5	21	990	-0	-0	-0	10
102	42	83	89	2	2	11	4	4	29	990	400	730	840	10
103	49	87	88	1	4	34	5	8	33	140	590	810	800	10
104	53	88	86	1	4	31	1	3	35	160	510	800	800	10
105	43	80	85	2	4	34	5	8	10	120	-0	-0	-0	10
106	60	89	84	1	4	34	5	8	33	120	600	840	770	10
107	54	88	86	1	2	16	4	3	32	100	-0	-0	-0	10
108	51	97	96	1	2	10	5	8	33	160	-0	-0	-0	10
109	51	97	96	1	4	35	5	8	33	200	-0	-0	-0	10
110	54	92	90	1	4	31	1	3	35	120	-0	-0	-0	10
113	40	81	89	2	2	15	1	1	21	990	400	770	890	10
114	45	97	101	2	2	11	1	1	29	990	-0	-0	-0	10
115	65	88	81	1	4	30	5	5	32	80	-0	-0	-0	10
117	67	99	90	1	2	10	1	3	32	140	670	930	810	10
118	51	86	85	2	4	34	1	3	11	100	490	800	810	10
119	51	87	86	2	2	11	4	1	29	990	-0	-0	-0	10
120	43	78	83	2	4	28	4	4	35	120	-0	-0	-0	10
121	51	87	86	1	2	15	1	1	21	990	-0	-0	-0	10
122	55	94	91	1	2	32	1	1	29	990	-0	-0	-0	10
123	53	93	91	2	4	31	1	1	35	140	510	810	810	10
124	51	80	79	1	4	13	4	2	32	100	470	780	740	10
125	49	86	87	2	3	11	1	1	29	990	-0	-0	-0	10
126	49	86	87	1	2	11	1	1	29	990	-0	-0	-0	10
127	48	84	85	1	2	15	4	4	21	990	-0	-0	-0	10
128	60	99	94	2	4	34	1	3	33	180	600	880	800	10
130	41	87	94	2	2	11	4	4	29	990	-0	-0	-0	10
131	43	93	99	1	3	11	4	4	29	990	-0	-0	-0	10
133	57	86	82	2	3	31	4	3	35	80	570	870	790	10
134	49	79	80	1	4	31	4	7	35	80	570	870	790	10
136	43	74	79	1	4	28	1	1	35	180	-0	-0	-0	10
137	41	70	77	1	4	34	0	8	11	320	410	640	730	10
138	57	97	93	2	2	32	7	7	29	990	-0	-0	-0	10
139	39	67	75	1	2	37	4	4	29	990	-0	-0	-0	10
140	52	94	93	1	1	12	4	3	21	990	-0	-0	-0	10
141	42	76	82	1	4	19	5	8	31	180	420	700	780	10
142	51	105	104	2	2	10	3	3	33	120	-0	-0	-0	10
144	54	83	81	2	2	27	1	1	21	990	-0	-0	-0	10
145	49	82	83	1	2	27	1	1	21	990	-0	-0	-0	10
146	50	73	73	1	2	27	4	4	21	990	-0	-0	-0	10
148	41	71	72	1	2	27	4	4	21	990	-0	-0	-0	10
149	49	80	81	1	2	27	4	4	21	990	-0	-0	-0	10
150	54	94	92	2	2	32	4	4	21	990	-0	-0	-0	10
151	49	98	99	1	3	19	5	8	20	200	-0	-0	-0	10
152	49	84	85	2	4	31	1	1	35	100	-0	-0	-0	10
153	50	89	89	1	3	31	4	4	35	140	-0	-0	-0	10
154	44	76	83	1	2	37	4	1	29	990	-0	-0	-0	10
155	49	92	93	1	1	12	5	5	19	990	-0	-0	-0	10
156	49	91	92	2	4	34	5	8	33	160	-0	-0	-0	10
157	45	81	84	1	4	31	1	3	35	100	-0	-0	-0	10
158	57	97	83	2	4	34	1	3	11	80	-0	-0	-0	10
159	61	89	84	2	4	36	3	3	12	100	610	810	730	10
160	63	87	81	1	4	13	1	3	33	160	630	850	760	10
161	47	81	83	1	4	34	1	2	33	80	-0	-0	-0	10
162	53	83	81	2	4	35	1	3	33	140	530	810	790	10
163	48	94	95	2	2	10	5	8	32	160	-0	-0	-0	10
164	45	95	99	1	1	29	5	1	17	990	-0	-0	-0	10
165	58	101	96	1	1	12	5	8	21	990	-0	-0	-0	10
166	60	107	102	1	1	29	5	1	17	990	-0	-0	-0	10
167	54	99	96	1	1	29	5	1	17	990	-0	-0	-0	10
168	47	90	93	2	2	23	4	4	21	990	-0	-0	-0	10
169	49	86	87	2	2	22	4	3	29	990	490	800	810	10
170	58	92	88	1	4	19	5	8	29	240	550	850	810	10
171	60	86	81	2	4	34	5	8	33	80	600	800	730	10
172	42	79	87	2	3	34	5	8	33	200	-0	-0	-0	10
173	52	78	79	1	3	13	5	2	32	120	-0	-0	-0	10
174	55	72	70	2	3	14	1	2	27	60	-0	-0	-0	10
176	45	68	71	2	4	14	5	2	27	120	-0	-0	-0	10
177	43	65	72	2	3	38	3	2	26	40	-0	-0	-0	10
178	40	80	88	2	3	19	5	8	29	200	-0	-0	-0	10
179	41	73	80	2	4	30	10	5	32	260	410	690	780	10
180	53	86	84	2	4	30	10	5	32	140	530	820	790	10
181	59	96	91	1	4	34	5	8	33	160	-0	-0	-0	10
186	43	78	83	2	3	34	5	5	33	220	-0	-0	-0	10

187	43	88	93	2	2	16	5	8	32	180	-0	-0	-0	10
188	56	83	80	2	4	34	5	5	33	280	550	810	770	10
189	47	86	89	1	2	21	1	1	37	990	-0	-0	-0	10
190	48	102	103	1	1	23	4	7	13	990	-0	-0	-0	10
191	43	85	90	2	4	22	4	7	35	990	430	750	820	10
192	42	94	100	2	4	23	4	7	37	990	-0	-0	-0	10
193	47	94	96	1	2	24	4	7	37	990	-0	-0	-0	10
194	54	95	93	2	2	23	4	4	37	990	540	880	850	10
195	48	93	94	1	2	23	4	4	37	990	480	850	860	10
196	58	113	108	1	2	33	4	4	37	990	-0	-0	-0	10
197	42	93	100	2	2	23	4	4	37	990	-0	-0	-0	10
198	42	109	102	2	2	33	4	4	37	990	-0	-0	-0	10
199	49	88	89	2	2	23	4	4	37	990	-0	-0	-0	10
200	50	89	89	2	2	21	4	4	-0	-0	-0	-0	-0	10
201	55	87	84	1	2	21	4	7	-0	-0	-0	-0	-0	10
202	51	88	87	2	4	22	4	7	-0	-0	-0	-0	-0	10
203	50	91	91	1	2	23	4	4	-0	-0	-0	-0	-0	10
204	38	85	94	2	2	23	4	4	-0	-0	-0	-0	-0	10
205	39	81	92	1	2	23	4	4	-0	-0	-0	-0	-0	10
206	44	86	90	1	3	22	4	3	-0	-0	-0	-0	-0	10
207	59	87	82	1	0	21	4	7	-0	-0	-0	-0	-0	10
018	46	72	75	1	4	11	1	3	29	180	-0	-0	-0	20
044	57	76	69	1	4	14	5	2	28	180	-0	-0	-0	20
064	43	70	76	1	4	35	1	3	36	120	-0	-0	-0	20
076	47	73	76	1	4	34	5	3	10	160	-0	-0	-0	20
077	45	68	73	1	4	28	5	1	35	160	-0	-0	-0	20
094	52	80	79	1	4	31	4	1	35	100	-0	-0	-0	20
111	57	99	93	1	3	38	7	2	20	180	-0	-0	-0	20
112	59	92	84	1	3	36	7	2	36	180	-0	-0	-0	20
116	60	91	83	1	3	31	1	3	35	100	-0	-0	-0	20
129	62	84	76	1	4	31	4	4	35	100	-0	-0	-0	20
132	50	74	74	1	4	17	5	5	38	260	-0	-0	-0	20
135	53	80	77	1	4	28	4	1	35	280	-0	-0	-0	20
143	60	77	70	1	4	11	1	1	29	990	-0	-0	-0	20
147	47	61	63	1	2	37	5	5	29	990	-0	-0	-0	20
175	62	73	66	2	4	28	10	5	35	280	-0	-0	-0	20
182	45	64	68	2	4	13	5	2	27	80	-0	-0	-0	20
183	39	56	65	2	4	38	3	2	29	80	-0	-0	-0	20
184	44	73	79	2	4	36	5	9	26	140	-0	-0	-0	20
185	42	72	80	2	4	34	5	8	33	100	-0	-0	-0	20
AVG	50	85	85	1	3	25	4	4	27	546	518	802	791	11
CVR	12	10	9	35	35	38	53	62	29	78	13	8	6	27
MAX	67	113	108	2	4	38	10	9	38	990	670	930	910	20
MIN	38	56	63	1	1	10	1	1	10	40	400	640	700	10
TOT	206	206	206	206	205	206	205	206	196	198	49	49	49	205

APPENDIX B

PRIMARY REFERENCES

Aird, P. L., and E. L. Stone. 1955. Soil characteristics and growth of European and Japanese larch in New York. J. Forestry 53:425-429

Allen, J. C. 1960. Pine site index relationships in northwest Alabama and adjoining portions of Mississippi and Tennessee. Tennessee Valley Authority Forest Rel. Tech. Note No. 32

Applequist, M. B. 1959. Soil-site studies of southern hardwoods, p. 49-63. IN: Burns, P. B. (Ed.) 1960. Southern Forest Soils. Annu. Forest. Symp., Proc., 8.

Atkinson, I. A. E. 1959. Soils and the growth of Pinus radiata at Cornwallis, Auckland. New Zeal. J. Sci. 2(4):443-472

Arend, J. L., and O. Julander. 1948. Oak sites in the Arkansas Ozarks. Arkansas Agr. Exp. Sta. Bull. 484.

Auten, J. T. 1954. Some soil factors associated with site quality for planted black locust and black walnut. J. Forest. 43:592-598

Ayyad, M. A. G., and R. L. Dix. 1964. An analysis of a vegetation-microenvironmental complex on prairie slopes of Saskatchewan. Ecol. Monogr. 34:421-442

Barnes, R. L. 1955. Growth and yield of slash pine plantations in Florida. Florida Forest School Res. Rep. No. 3.

Barnes, R. L., and C. W. Ralston. 1955. Soil factors related to growth and yield of slash pine plantations. Florida Agr. Exp. Sta. Tech. Bull. no. 559.

Carmean, W. H. 1956. Suggested modifications of the standard Douglas-fir site curves for certain soils in southwestern Washington. Forest. Sci. 2:242-250

Carmean, W. H. 1965. Black oak site quality in relation to soil and topography in southeastern Ohio. Soil Sci. Soc. Amer., Proc., 29:308-312

Carvell, K. L., and C. B. Koch. 1963. Black cherry--its abundance, quality, and rate of growth in the oak-hickory and cove forests of West Virginia. West Virginia Agr. Exp. Sta. Tech. Bull. No. 485.

Case, J. M., and H. C. Dean. 1959. Forested coastal plain -- Arkansas. IN: Soil survey interpretations for woodland conservation progress report for period ending August 1959. U. S. Dep. Agr. (Little Rock, Ark.)

Chandler, R. F., P. W. Schoen, and D. A. Anderson. 1943. Relation between soil types and the growth of loblolly pine and shortleaf pine in east Texas. J. Forest. 41:505-506.

Chrosciewicz, Z. 1963. The effects of site on jack pine growth in northern Ontario. Can. Dep. Forest. Pub. No. 1015.

Coile, T. S. 1935. Relation of site index for shortleaf pine to certain physical properties of the soil. J. Forest. 33:726-730

Coile, T. S. 1938. Forest Classification: classification of forest sites with special reference to ground vegetation. J. Forest. 36:1062-1066.

Coile, T. S. 1938. Forest soil fertility: influence of stand composition on nitrogen transformation in the surface soil. Soil Sci. Soc. Amer., Proc., 2:255-229.

Coile, T. S., and F. K. Schumacher. 1953. Relation of soil properties to the site index of loblolly and shortleaf pines in the piedmont sectionof the Carolinas, Georgia, and Alabama. J. Forest. 51:739-744.

Cooley, J. H. 1962. Site requirements and yield of paper birch in northern Wisconsin. Lake States Forest Exp. Sta. Paper No. 105.

Cooper, W. E. 1942. Forest site determination by soil and erosion classification. J. Forest. 40:709-711

Cox, G. S., R. C. McConnell, and L. M. Matthews. 1960. Ponderosa pine productivity in relation to soil and landform in western Montana. Soil Sci. Socl Amer., Proc., 24(2):139-142.

Curtis, R. O., and B. W. Post. 1962. Comparative site indices for northern hardwoods in the Green Mountains of Vermont. Northeastern Forest Exp. Sta. Paper No. 171.

Curtis, R. O., and B. W. Post. 1962. Site-index curves for even-aged northern hardwoods in the Green Mountains of Vermont. Vermont Agr. Exp. Sta. Bull. No. 629.

Czapowskyj, M., and R. A. Struchtemeyer. 1958. Growth of white pine. Maine Agr. Exp. Sta. Rep.

Dahl, E. 1961. Soil factors and the growth of scotch pine: a statistical re-interpretation of data presented by Viro (1955). Soil Sci. 92: 367-371.

Davis, D. D., and W. W. Ward. 1966. Site quality evaluation for black cherry. Pennsylvania Agr. Exp. Sta. Res. Brief No. 3.

Della-Bianca, L., and D. F. Olson, Jr. 1961. Soil-site studies in piedmont hardwood and pine-hardwood upland forests. Forest Sci. 7(4):320-329.

Dingle, R. W., and P. Y. Burns. 1954. Relationship of shortleaf pine growth to soil properties. Missouri Ag. Exp. Sta. Bull. No. 541.

Duffy, P. J. B. 1962. Relationships between site factors and growth of lodgepole pine (pinus contorta Dougl. var. latifolia Englem) In the foothills section of Alberta. Can. Dep. Forest. Pub. No. 1065.

Duffy, P. J. B. 1964. Relationships between site factors and growth of lodgepole pine (pinus contorta Dougl. var. latifolia Englem) in the foothills section of Alberta. Can. Dep. Forest. Pub. No. 1065. Ph.D. Thesis, Univ. Minnesota.

Ellerbe, C. M. and G. E. Smith. 1961. South Carolina coastal plains and sandhills. IN: Soil survey interpretation for woodland conservation progress report for period ending 1961. U. S. Dept. Agr. (Columbia, S. C.).

Ellerbe, C. M., and G. E. Smith. 1964. South Carolina southern piedmont. IN: Soil survey interpretations for woodland conservation progress report for period ending 1964. U. S. Dep. Agr. (Columbia, S. C.).

Forrestall, F. F. and S. P. Gessel. 1955. Soil properties related to forest cover type and productivity on the Lee forest, Snohomish County, Washington. Soil Sci. Soc., Proc., 19:384-389.

Foster, R. W. 1959. Relation between site indexes of eastern white pine and red maple. Forest Sci. 5:279-291.

Gaiser, R. N. 1950. Relation between soil characteristics and site index of loblolly pine in the coastal plain region of Virginia and the Carolinas. J. Forest. 48:271-275.

Gaiser, R. N., and R. W. Merz. 1951. Stand density as a factor in estimating white oak site index. J. Forest. 49:572-574.

Gessel, S. P. 1950. Correlation between certain soil characteristics and site for Douglas-fir in northwestern Washington. Soil Sci. Soc. Amer., Proc., 14:333-337.

Gessel, S. P., and W. J. Lloyd. 1950. Effect of some physical soil properties on Douglas-fir site quality. J. Forest. 48:405-410.

Gilmore, A. R. 1963. Predicting yields of loblolly pine plantations in southern Illinois from soil characteristics. Illinois Agr. Exp. Sta. Bull. No. 101.

Gilmore, A. R. 1963. Predicting yields of shortleaf pine plantations in southern Illinois from soil and site characteristics. Illinois Agr. Exp. Sta. Bull. No. 106.

Goggans, J. F. 1951. Slash and loblolly pine plantations in Alabama's piedmont region. Alabama Agr. Exp. Sta. Circ. 99.

Gordon, A. G. 1964. The nutrition and growth of ash, fraxinus excelsior, in natural stands in the English lake district as related to edaphic site factors. J. Ecol. 52:169-187.

Gordon, L. L., E. C. Wilbur, and G. S. McKee. 1964. East Texas timberlands. IN: Soil survey interpretations for woodland conservation progress report for period ending March 1964. (Temple, Tex.).

Griffith, B. G. 1960. Growth of Douglas-fir at the University of British Columbia research forest as related to climate and soil. Univ. British Columbia Forest. Bull. No. 2.

Harms, W. R. 1962. Spacing-environmental relationships in a slash pine plantation. U. S. Dep. Agr. Sta. Paper No. 150.

Hebb, E. A. 1962. Relation of tree growth to site factors. Tennessee Agr. Exp. Sta. Bull. No. 349.

Hill, W. W., A. Arnst, and R. M. Bond. 1948. Method of correlating soils with Douglas-fir site quality. J. Forest. 46:835-841.

Hodgkins, E. J. 1961. Estimating site index for longleaf pine through quantitative evaluation of associated vegetation. Soc. Amer. Forest., Proc., 25:28-32.

Holmes, J. R. B., and D. Tackle. 1962. Height growth of lodgepole pine in Montana related to soil and stand factors. Montana Forest Conserv. Exp. Sta. Bull. No. 21.

Holtby, B. E. 1947. Soil texture as a site indicator in the ponderosa pine stands of southeastern Washington. J. Forest. 45:824-825.

Husch, B. 1959. Height growth of white pine in relation to selected environmental factors on four sites in southeastern New Hampshire. New Hampshire Agr. Sta. Tech. Bull. No. 100.

Husch, B., and W. H. Lyford. 1956. White pine growth and soil relationship in southeastern New Hampshire. New Hampshire Agr. Exp. Sta. Tech. Bull. No. 95.

Jackson, D. S. 1962. Parameters of site for certain growth components of slash pine (Pinus elliottii Engelm.). Duke Univ. Forest. School Bull. No. 16.

Jameson, J. S. 1963. Relation of jack pine height-growth to site in the mixedwood forest section of Saskatchewan. Can. Forest Res. Branch Contrib. No. 564.

Kittredge, J., Jr. 1938. The interrelations of habitat, growth rate, and associated vegetation in the aspen community of Minnesota and Wisconsin. Ecol. Monogr. 8:151-246.

Kormanek, P. 1966. Predicting site index for Virginia, loblolly, and shortleaf pine in the Virginia piedmont. U. S. Forest Serv. Res. Paper SE-20.

Kriebel, H. B., G. L. Lowry, and W. K. Murphy. 1958. Relationship of site conditions to establishment and early growth of McKee hybrid poplar. Ohio Agr. Exp. Sta. Res. Circ. No. 53.

Lemmon, P. E. 1955. Factors affecting productivity of some lands in the Willamette Basin of Oregon for Douglas-fir timber. J. Forest. 53:323-330.

Lemmon, P. E., and F. X. Schumacher. 1962. Volume and diameter growth of ponderose pine as influenced by site index, density, age, and size. Forest Sce. 8(3):236-249.

Linnartz, N. E. 1961. Pine site index is related to soil classification in southeastern Louisiana. Louisiana Agr. Exp. Sta. Note No. 48.

Linnartz, N. E. 1963. Relation of soil and topographic characteristics to site quality for southern pines in the Florida parishes of Louisiana. J. Forest. 61(6):434-438.

Locke, S. S. 1941. The use of soil-site factors in predicting timber yields. Soil Sci. Soc. Amer., Proc., 6:399-402.

Lunt, H. A. 1939. Soil Characteristics, topography, and lesser vegetation in relation to site quality of second-growth oak stands in Connecticut. J. Agr. Res. 59(6):407-428.

Lunt, H. A., and C. L. Swanson. 1949. Mappable characteristics of forest soils. J. Soil Water Conserv. 4:5-44.

Mader, D. L. 1963. Soil variability - a serious problem in soil-site studies in the northeast. Soil Sci. Soc. Amer., Proc., 27:707-708.

Mader, D. L., and D. F. Owen. 1961. Relationships between soil properties and red pine growth in Massachusetts. Soil Sci. Soc. Amer., Proc., 25:62-65.

McComb, A. L., and N. J. Hanson. 1958. Growth of planted green ash, black walnut, and other species in relation to observable soil-site characteristics in southeastern Iowa. J. Forest. 56:473-480.

McClurkin, D. C. 1953. Soil and climatic factors related to the growth of longleaf pine. U. S. Dept. Agr. Paper No. 132.

McClurkin, D. C. 1963. Soil-site index predictions for white oak in north Mississippi and west Tennessee. Forest Sci. 9(1):108-113.

McClurkin, D. C., and R. R. Covell. 1965. Site index predictions for pines in Mississippi. U. S. Forest Serv. Res. Paper No. SO-15.

McGahan, M. W., J. H. Brown, Jr., W. P. Gould, H. C. Lampe, and R. E. Sherin. 1961. Site conditions and tree growth analyses in Rhode Island forests. Rhode Island Agr. Exp. Sta. Bull. 357.

Medin, D. E. 1960. Physical site factors influencing annual production of true mountain mahogany, Cercocarpus montanus. Ecology 41(3): 454-460.

Meyer, D. 1956. The relation of soil horizon texture and acidity to the site index of aspen in northern Minnesota. Minnesota Forest. Notes No. 52.

Miller, F. W. 1966. Annual changes in foliar nitgogen, phosphorus, and potassium levels of loblolly pine (Pinus taeda L.) with site, and weather factors. Plant Soil 24(3):369-379.

Miller, F. W. 1966. Soil-site predictions for loblolly. Mississippi Farm Res. November 29(11):6-7.

Myers, C. A., and J. L. Van Deusen. 1960. Site index of ponderosa pine in the Black Hills from soil and topography. J. Forest. 58(7):548-555.

Nash, A. J. 1963. A method of classifying shortleaf sites in Missouri. Missouri Agr. Exp. Sta. Res. Bull No. 824.

Nelson, T. C. 1960. Loblolly pine growth as related to site, age, and stand density. Soc. Amer. Forest., Proc., 24:12-14.

Nelson, T. C., and W. R. Beaufait. 1958. Studies in site evaluation for southern hardwoods. Soc. Amer. Forest., Proc., 20:67-70.

Nishizawa, M., Y. Mashimo, and K. Kawabata. 1965. Estimation methods of site index by quantification. Govt. Forest Exp. Sta. Bull. No. 176.

Olson, D. F., Jr., and L. Della-Biance. 1959. Site index comparisons for several tree species in the Virginia-Carolina piedmont. U. S. Dep. Agr. Sta. Paper No. 104.

Pawluk, S., and H. F. Arneman. 1961. Some forest soil characteristics and their relationship to jack pine growth. Forest Sci. 7:160-173.

Ralston, C. W. 1951. Some factors related to the growth of longleaf pine in the Atlantic coastal plain. J. Forest. 49(6):408-412.

Ralston, R. A. 1954. Some effects of stand density on the height growth of red pine on poor sites in northern lower Michigan. Michigan Acad. Sci. Arts Letters 39:159-165.

Ralston, C. W. 1960. General application of site evaluation to pine sites. pp. 64-72. IN: Burns, P. V. (Ed.) 1960 Southern Forest Soils. Annu. Forest. Symp., Proc.

Ralston, C. W. 1964. Evaluation of forest site productivity. Intern. Rev. Forest. Res. 1:171-201.

Ralson, C. W., and R. L. Barnes. 1955. Soil properties related to the growth and yield of slash pine plantations in Florida. Soil Sci. Soc. Amer., Proc., 19(1):84-85.

Ralston, C. W., and C. F. Koristian. 1962. Prediction of pulpwood yield of loblolly and shortleaf pine plantations. Forest Sci. 8(2):149-162.

Ritchie, F. T., Jr., T. A. McFarland, N. E. Sands, and J. J. May. Georgia. IN: Soil survey interpretation for woodland conservation progress report for period ending 1961. U. S. Dep. Agr.

Row, C. 1960. Soil-site relations of old-field slash pine plantations in Carolina sandhills. J. Forest. 58(9):704-707.

Sander, D. H. 1962. Growth curves for ponderosa pine in Nebraska windbreaks. Rocky Mtn. Forest Range Exp. Sta. Bull. No. 82.

Smalley, G. W. 1964. Topography, soil, and the height of planted yellow-poplar. J. Alabama Acad. Aci. 35(2):39-44.

Stoeckeler, J. H. 1949. The growth of quaking aspen as affected by soil properties and fire. J. Forest. 46:727-737.

Stoeckeler, J. H. 1956. Soil factors affecting the growth of quaking aspen forest in the lake states. Ph.D. Thesis. Univ. Minnesota 206p.

Stoeckeler, J. H. 1960. Soil factors affecting the growth of quaking aspen forests in the lake states. Minnesota Agr. Exp. Sta. Tech. Bull. No. 233.

Tarrant, R. F. 1949. Douglas-fir site quality and soil fertility. J. Forest. 47:716-720.

Trimble, G. R., Jr. 1964. An equation for predicting oak site index without measuring soil depth. J. Forest. 62(5):325-327.

Trimble, G. R., Jr., and S. Weitzman. 1955. A capability classification for forest land. J. Soil Water Conserv. 10:228-232.

Tryon, C. P., T. W. Beers, and C. Merritt. 1960. The measurement of site quality for yellow-poplar. J. Forest. 58:968-969.

Van Eck, W. A., and E. P Whiteside. 1963. Site evaluation studies in red pine plantations in Michigan. Soil Sci. Soc. Amer., Proc., 27:709-714.

Voigt, G. K., M. L. Heinselman, and Z. A. Zasada. 1957. The effect of soil characteristics on the growth of quaking aspen in northern Minnesota. Soil Sci. Soc. Amer., Proc., 21:649-652.

Walker, N., and R. M. Reed. 1960. Site evaluation for western catalpa in north central Oklahoma. Oklahoma Exp. Sta. Bull. No. B-544.

Waring, R. H., and J. Major. 1964. Some vegetation of the California coastalredwood region in relation to gradients of moisture, nutrients, light, and temperature, Ecol. Monogr. 34:167-215.

White, Donald P., and R. S. Wood. 1958. Growth variations in a red pine plantation influenced by a deep-lying fine soil bed. Soil Sci. Amer., Proc., 22:174-177.

Wilde, S. A., G. K. Voigt, and R. S. Pierce. 1954. The relationship of soils and forest growth in the Algoma district of Ontario, Canada. J. Soil Sci. 5:22-38.

Yawney, H. W. 1164. Oak site index on Belmont limestone soil in the Allegheny Mountains of West Virginia. U. S. Forest Serv. Res. Paper NE-30.

Young, H. E. 1954. Forest Soils-site index studies in Maine. Soil Sci. Soc. Amer., Proc., 18:85-87.

Youngberg, C. F., and H. F. Scholz. 1949. Relation of soil fertility and rate of growth of mixed oak stands in the driftless area of southwestern Wisconsin. Soil Sci. Soc. Amer., Proc., 14:331-332.

Zahner, R. 1958. Site-quality relationships of pine forests in southern Arkansas and northern Lousiana. Forest Sci. 4(2):162-176.

Zahner, R. 1962. Loblolly pine site curves by soil groups. Forest Sci. 8(2):104-110.

Zinke, P. J. 1958. Site quality for Douglas-fir and ponderosa pine in northwestern California as related to climate, topography and soil. Soc. Amer. Forest., Proc., 22:167-171.

SECONDARY REFERENCES

Aandahl, A. R. 1949. The characteristics of slope positions and their influence on the total nitrogen content of a few virgin soils of western Iowa. Soil Sci, Soc. Amer., Proc., 13:449-454.

Basset, J. R. 1963. Influence of soil properties on site index of pine. Louisiana Asso. Agron., Proc., 3:30-37.

Bates, C. G. 1924. Forest types in the central Rocky Mountains as affected by climate and soil. U. S. Dep. Agr. Bull. 1233.

Beaufait, W. R. 1956. Influence of soil and topography on willow oak sites. U. S. Dep. Agr. Occas. Paper No. 148.

Broadfoot, W. M. 1964. Soil suitability for hardwoods in the Midsouth. U. S. Forest Serv. Res. Note SO-10.

Broadfoot, W. M. 1964. Guide for evaluating willow oak sites. U. S. Forest Serv. Res. Paper SO-13.

Burns, P. V. (Ed.) 1960. Southern forest soils. Amer. Forest Symp. 8: 34-85.

Butler, B. C. 1958. The diversity of concepts about soils. J. Austral. Inst. Agr. Sci. 24:14-20.

Choate, G. A., and F. A. Johnson. 1958. Site index charts for Douglas-fir in the Pacific Northwest. Pacific Northwest Forest Range Exp. Sta. Res. Note No. 161.

Cottle, H. J. 1932. Vegetation on north and south slopes of mountains in southwestern Texas. Ecology 13:121-134.

Day, M. W., C. F. Bey, and V. J. Rudolph. 1960. Site index for planted red pine by the 5-year growth intercept method. J. Forest 58:192-202.

Deitschman, G. H., and A. W. Green. 1965. Relations between western white pine site index and tree height of several associated species. Forest Serv. Res. Paper INT-22.

Diebold, C. H. 1935. Some relationships between soil type and forest site quality. Ecology 16(4):640-647.

Donahue, R. L. 1940. Forest-site quality studies in the Adirondacks. Cornell Univ. Agr. Exp. Sta. Mem. 229.

Doolittle, W. F. 1962. Experience in site-evaluation methods for timber production. U. S. Dep. Agr. Misc. Publ. 303.

Driscoll, R. S. 1964. A relict area in the central Oregon juniper zone. Ecology 45(2):345-353.

Fletcher, P. W., and R. E. McDermott. 1957. Influence of geologic parent material and climate on distribution of shortleaf pine in Missouri. Missouri Agr. Exp. Sta. Res. Bull. 625.

Gaertner, E. E. 1964. Tree growth in relation to the environment. Bot. Rev. 30:393-436.

Gagnon, J. D., and J. D. McArthur. 1959. Ground vegetation as an index of site quality in white spruce plantations. Forest Res. Div. Tech. Note No. 70.

Gardner, R. A., and J. L. Retzer. 1949. Interpretive soil classification: timber, range and watersheds. Soil Sci. Soc. 67:151-157.

Gevorkiantz, S. R. 1956. Site index curves for jack pine in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 463.

Gevorkiantz, S. R. 1956. Site index curves for aspen in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 464.

Gevorkiantz, S. R. 1956. Site index curves for balsam fir in the lake states. Late States Forest Exp. Sta. Tech. Note No. 465.

Gevorkiantz, S. R. 1957. Site index curves for white-cedar in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 472.

Gevorkiantz, S. R. 1957. Site index curves for black spruce in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 473.

Gevorkiantz, S. R. 1957. Site index curves for white spruce in the lake states. Lake States Forest Exp. Sta. Tech Note No. 474.

Gevorkiantz, S. R. 1957. Site index curves for white pine in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 483.

Gevorkiantz, S. R. 1957. Site index curves for red pine in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 484.

Gevorkiantz, S. R. 1957. Site index curves for red oak in the lake states. Lake States Forest Exp. Sta. Tech. Note No. 485.

Gevorkiantz, S. R., and H. F. Scholz. 1944. Determining site quality in understocked oak forests. J. Forest 42:808-811.

Hazard, Helen E. 1937. Plant indicators of pure white pine sites in southern New Hampshire. J. Forest 35:477-486.

Heiberg, S. O., and D. P. White. 1956. A site evaluation concept. J. Forest. 54(1):7-10.

Hills, G. A., and G. Pierpont. Forest site evaluation in Ontario. Ontario Dep. Lands Forests Res. Rep. No. 42.

Hodgkins, E. J. 1956. Testing soil-site index tables in southwestern Alabama. J. Forest 54:261-266.

Jones, J. R. 1966. A site index table for aspen in the southern and central Rocky Mountains. U. S. Forest Serv. Res. Note RM-68.

Ker, J. W. 1952. An evaluation of several methods of estimating site index of immature stands. Forest. Chron. 28:63-74.

Khan, M. A. W., and J. S. P. Yadav. 1962. Soil survey and classification for forest use, p. 337-347. IN: Indian Forester. Dehra Dun, India.

Kelmmedson, J. O., and R. B. Murray. 1962. Use and measurement of site factors and soil properties in evaluation of range site potential. U. S. Dep. Agr. Misc. Publ. 940.

Krueger, K. W. 1959. Diameter growth of plantation-grown Douglas-fir trees under varying degrees of release. Pacific Northwest Forest Range Exp. Sta. Bull. No. 168.

La Fond, A. 1958. Some soils, vegetation, and site relationships of the climatic and sub-climatic black spruce forest in northeastern America. IN: First North Amer., Forest Soils Conf., Proc., 1:67-74.

Larsen, J. A. 1922. Effect of removal of the virgin white pine stand upon the physical factors of site. Ecology 3(4):302-305.

Larsen, J. A. 1940. Site factor variations and responses in temporary forest types in northern Idaho. Ecol. Monogr. 10(1):1-54.

Linteau, A. 1955. Forest site classification of the northeastern coniferous section of the Boreal forest region. Can. Forest Branch Bull. 118.

Loucks, O. J. 1962. Ordinating forest communities by means of environmental scalars and phytosociological indices. Ecol. Monogr. 32:137-166.

Lytle, S. A. 1960. Physiography and properties of southern forest soils. pp. 1-8. IN: Burns, P. V. (Ed.) Southern Forest Soils. Annu. Forest. Symp., Proc., 8.

Malcolm, D. C. 1962. The effect of the interaction of forest and site on present-day timber production methods. Forest Suppl. 1962.

McCarthy, E. F. 1962. Yellow-poplar site index curves. Southeastern Forest Exp. Sta. Bull. No. 180.

Mogren, E. W. 1956. A site index classification for ponderosa pine in northern Colorado. Colorado Col. Res. Note. No. 5.

Nikki, I., and M. Ushiyama. 1958. Effects of the altitude on the growth and the chemical composition of some forage crops. Crop. Sci. Soc. Jap., Proc., 27(1):117-120.

Olmstead, R. L. 1953. Site-index estimates made easy. J. Forest 51: 749-750.

Porter, D. R., and H. V. Wiant, Jr. 1965. Site index equations for tanoak, Pacific madrone, and red alder in the redwood region of Humboldt County, California. J. Forest. 63(4):286-288.

Poulton, C. E. 1959. Soil-vegetation research and surveys in multiple use management of western ranges. pp. 359-370. IN: Grasslands, Amer. Asso. Advance. Sci.

Ray, R. G. 1956. Site-types, growth, and yield at the Lake Edward Forest Experimental Area. Can. Forest Res. Tech. Note No. 27.

Rennie, P. J. 1963. Methods of assesing forest site capacity. Can. Forest Res. Branch Contrib. No. 543.

Retzer, J. L. 1953. Soil-vegetation surveys of wildlands. J. Forest 51:615-619.

Retzer, J. L. 1958. Soil--a factor affecting the distribution and growth of native and exotic forest vegetation. First North Amer. Soils Conf., Proc., 1:110-115.

Ritchie, J. C. 1961. Soil and minor vegetation of pine forests in southeast Manitoba. Can Dep. Forestry Tech. Note No. 96.

Schlots, F. E., W. J. Lloyd, and C. E. Deardorff. 1956. Some soil characteristics which affect root penetration and timber site quality of Douglas-fir in western Washington. Soil Sci. Soc. Amer., Proc., 20:101-102.

Shepherd, W. O. (Chairman). Committee report on range site measurement and evaluation. U. S. Dep. Agr. Misc. Publ. 940.

Shepman, R. D., and V. J. Rudolph. 1954. Factors influencing height growth of planted yellow poplar in southwestern Michigan. Michigan Agr. Exp. Sta. Tech. Bull. No. 242.

Staebler, G. R. 1948. Use of dominant tree heights for determining site index for Douglas-fir. Pacific Northwest Forest Exp. Sta. Res. Note No. 44.

Storie, R. E., and A. E. Wieslander. 1948. Rating soils for timber sites. Soil Sci. Soc. Amer., Proc., 13:499-509.

Trousdell, K. B., and K. F. Wenger. 1963. Some factors of climate and soil affecting establishment of loblolly pine stands. Forest Sci. 9(2):130-136.

Turesson, G. 1914. Slope exposure as a factor in the distribution of Pseudotsuga taxifolia in arid parts of Washington. Torrey Bot. Club Bull. 41:337-345.

Turner, L. M. 1937. Growth of second-growth pine on the coastal plain soils of Arkansas. Arkansas Agr. Exp. Sta. Bull. No. 342.

Turner, L. M. 1937. Some soil characters influencing the distribution of forest types and rate of growth of trees in Arkansas. J. Forest 35:5-11.

Wakely, P. C., and J. Marrero. 1958. Five year intercept as site index in southern pine plantations. J. Forest 56:332-336.

Watt, R. F. 1960. Second-growth western white pine stands. Forest Serv. Tech. Bull. No. 1226.

U. S. Department of Agriculture. 1924. Forest types in central Rocky Mountains. Bull 1233. pp. 62-152.

Van Eck, W. A. 1962. Natural vegetation as a basis for the study of biogeocoenoses in the Appalachians. West Virginia Acad. Sci., Proc., 34:46-50.

Westveld, R. H. 1933. The relation of certain soil characteristics to forest growth and composition in northern hardwood forests of northern Michigan. Michigan Agr. Exp. Sta. Tech. Bull. No. 135.

Yang, T. W., and C. H. Lowe, Jr. 1956. Correlation of major vegetation climaxes with soil characteristics in the Sonoran Desert. Science 123:542.

INTERNAL DISTRIBUTION

1-100. S. I. Auerbach
101. M. C. Bell
102. J. C. Bresee
103. K. E. Cowser
104. J. W. Curlin
105. R. C. Dahlman
106. S. V. Kaye
107. N. E. Kowal
108. J. L. Liverman
109. H. G. MacPherson
110. K. Z. Morgan
111. D. J. Nelson
112-161. J. S. Olson
162. B. C. Patten
163. D. E. Reichle
164. A. F. Shinn
165. W. S. Snyder
166. E. G. Struxness
167. C. E. Styron, Jr.
168. T. Tamura
169. W. A. Thomas
170. A. M. Weinberg
171. R. B. Williams
172. J. P. Witherspoon
173. M. Witkamp
174. Biology Library
175. Reactor Division Library
176. ORNL Y-12 Technical Library
177-178. Central Research Library
179. Document Reference Section
180-182. Laboratory Records
183. Laboratory Records--Record Copy
184. ORNL Patent Office
185-199. DTIE
200. Laboratory and University Division, ORO

EXTERNAL DISTRIBUTION

201-300. G. M. Van Dyne, College of Forestry and Natural Resources, Colorado State University, Ft. Collins, Colorado 80521
301-325. G. W. Wright, College of Forestry and Natural Resources, Colorado State University, Ft. Collins, Colorado 80521
326-350. J. D. Dollar, College of Forestry and Natural Resources, Colorado State University, Ft. Collins, Colorado 80521
351. J. N. Wolfe, Environmental Sciences Branch, Division of Biology and Medicine, USAEC, Washington, D. C.
352. W. S. Osburn, Environmental Sciences Branch, Division of Biology and Medicine, USAEC, Washington, D. C.
353. E. A. Wellner, Intermountain Forest and Range Experiment Station, 507 25th Street, Ogden, Utah 84401

354. Z. A. Zasada, North Central Forest Experiment Station, USDA, Folwell Avenue, St. Paul, Minnesota 55101
355. W. T. Doolittle, Northeastern Forest Experiment Station, 6816 Market Street, Upper Darby, Pennsylvania 19082
356. G. S. Meagher, Pacific Northwest Forest and Range Experiment Station, 809 Sixth Avenue N. E., P. O. Box 3141, Portland, Oregon 97208
357. D. W. Lynch, Pacific Southwest Forest and Range Experiment Station, 1960 Addison, P. O. Box 245, Berkeley, California 94701
358. G. L. Hayes, Rocky Mountain Forest and Range Experiment Station, 240 West Prospect, Fort Collins, Colorado 80521
359. P. C. Guilkey, Southeastern Forest Experiment Station, P. O. Box 2570, Ashville, North Carolina 28802
360. R. L. Scheer, Southern Forest Experiment Station, T-10210 Federal Building, 701 Loyola Avenue, New Orleans, Louisiana 70113
361. J. W. Barrett, Forestry Department, University of Tennessee, Knoxville, Tennessee
362. E. E. C. Clebsch, Department of Botany, University of Tennessee, Knoxville, Tennessee
363. R. F. Reitemeier, Environmental Sciences Branch, Division of Biology and Medicine, USAEC, Washington, D. C.
364-365. J. Green, Office of Emergency Planning, Executive Office of the President, Washington, D. C. 20504
366. W. J. Lacy, Research, Postattack Research Division, Office of Civil Defense, Office of the Secretary of the Army, Washington, D. C. 20310
367. J. J. Davis, Assistant for Science and Technology, Executive Office Building, Washington, D. C.