```
LPTSPL VERSION 6(344)  RUNNING ON LPT0
 *START* USER J. CEPEDA [1340,30] JOB  JBHYNZ SEQ. 13249 DATE 16-AUG-79 16:35:55 MONITOR WTSU DECSYSTEM-10 507B-3 *START*
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     JJ
     JJ
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JJ   JJ
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JJ   JJ          ....
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  CCCCCCCC   EEEEEEEEEE   PPPPPPPP     EEEEEEEEEE   DDDDDDDD      AAAAAA
  CCCCCCCC   EEEEEEEEEE   PPPPPPPP     EEEEEEEEEE   DDDDDDDD      AAAAAA
CC           EE          PP      PP   EE           DD      DD   AA    AA
CC           EE          PP      PP   EE           DD      DD   AA    AA
CC           EE          PP      PP   EE           DD      DD   AA    AA
CC           EE          PP      PP   EE           DD      DD   AA    AA
CC           EEEEEEEE    PPPPPPPP     EEEEEEEE     DD      DD   AA    AA
CC           EEEEEEEE    PPPPPPPP     EEEEEEEE     DD      DD   AA    AA
CC           EE          PP           EE           DD      DD   AAAAAAAAAA
CC           EE          PP           EE           DD      DD   AAAAAAAAAA
CC           EE          PP           EE           DD      DD   AA    AA
CC           EE          PP           EE           DD      DD   AA    AA
  CCCCCCCC   EEEEEEEEEE   PP           EEEEEEEEEE   DDDDDDDD    AA    AA
  CCCCCCCC   EEEEEEEEEE   PP           EEEEEEEEEE   DDDDDDDD    AA    AA
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START USER J. CEPEDA [1340,30] JOB JBHYNZ SEQ. 13249 DATE 16-AUG-79 16:35:55 MONITOR WTSU DECSYSTEM-10 507B-3 *START*

START USER J. CEPEDA [1340,30] JOB JBHYNZ SEQ. 13249 DATE 16-AUG-79 16:35:55 MONITOR WTSU DECSYSTEM-10 507B-3 *START*

START USER J. CEPEDA [1340,30] JOB JBHYNZ SEQ. 13249 DATE 16-AUG-79 16:35:55 MONITOR WTSU DECSYSTEM-10 507B-3 *START*

START USER J. CEPEDA [1340,30] JOB JBHYNZ SEQ. 13249 DATE 16-AUG-79 16:35:55 MONITOR WTSU DECSYSTEM-10 507B-3 *START*

```
C
C
C
C     THIS PROGRAM CALCULATES PERCENT AND CUMULATIVE PERCENT
C     OF GRAIN SIZE DATA FROM SIEVE ANALYSIS
C     THEN PICKS THE FOLLOWING QUARTILES: 1. 1.0, 2. 5.0, 3. 16.0,
C     4. 25.0, 5. 50.0, 6. 75.0, 7. 84.0, 8. 95.0 .
C     USING THESE QUARTILES IT CALCULATES FOLK AND WARD 1957
C     STATISTICAL PARAMETERS IN ADDITION IT PRINTS C AND M VALUES
C        **** WRITTEN BY G.B. ASQUITH ****
C       **** GEOLOGY DEPT. WTSU ****
C
C
C
C
      REAL TITLE(16),GZ(50),PCT(50),Z(50),NUMGRN(50),FFGZ(50)
      COMMON X(50),CUM(50),PCTPHI(8)
      WRITE(6,70)
70    FORMAT('1',2X,'**** SEDIMENTATION LAB. GEOLOGY DEPT. WTSU ****'//)
      READ(5,1) NGP
1     FORMAT(I3)
      READ(5,17) ML
17    FORMAT(I3)
        READ (5,150) NTS
  150   FORMAT(I3)
      DO 999 I=1,NGP
      READ(5,2)TITLE
2     FORMAT(16A5)
      WRITE(6,3) TITLE
3     FORMAT(2X,16A5)
      READ(5,4) FGZ,NGZ
4     FORMAT(F6.2,I3)
      READ(5,5)(GZ(J),J=1,NGZ)
5     FORMAT(12F6.2)
      SUM=0.0
      DO 20 J=1,NGZ
      SUM=SUM+GZ(J)
20    CONTINUE
      DO 21 J=1,NGZ
21    PCT(J)=(GZ(J)/SUM)*100.0
  6   DO 30 J=1,NGZ
30    CUM(J)=0.0
      M=0
      DO 40 J=1,NGZ
      M=M+1
      DO 40 K=1,M
      CUM(J)=CUM(J)+PCT(K)
40    CONTINUE
      DO 50 J=1,NGZ
      Z(J)=0.25
      X(J)=FGZ
50    CONTINUE
      N=0
```

```
                DO 60 J=2,NGZ
                M=N+1
                DO 60 K=1,M
                X(J)=X(J)+Z(K)
60              CONTINUE
                WRITE(6,11)
11              FORMAT(2X,'   SIZE   PERCENT   CUMULATIVE PERCENT'/13X,'WEIGHT',9X
               *,'WEIGHT'/)
15              WRITE(6,12)(X(J),PCT(J),CUM(J),J=1,NGZ)
12              FORMAT(2X,F7.2,F9.2,F11.2//)
                WRITE(6,700) SUM
700             FORMAT(5X,'TOTAL=',F12.2///)
                CALL PHIGZ(NGZ)
                CALL PARAM(XMEAN,PHIDEV,SK,XK)
                WRITE(6,300)
300             FORMAT(2X,'   FOLK AND WARD 1957 STATISTICAL PARAMETERS'//)
                WRITE(6,301)
301             FORMAT(2X,'   MEAN   PHI.DEV.   SKEW.   KURT.'/)
                WRITE(6,302)XMEAN,PHIDEV,SK,XK
302             FORMAT(2X,F7.2,F9.2,F10.2,F8.2///)
                WRITE(6,703)
703             FORMAT(5X,' C AND M VALUES FOR A PASSEGA PLOT'/)
                WRITE(6,702) PCTPHI(1),PCTPHI(5)
702             FORMAT(5X,'COARSEST 1%=',F5.2,1X,'PHI',6X,'MEDIAN=',F5.2,1X,'PHI'
               1)
                PCTPHI(1) = PCTPHI(1)-2.*PCTPHI(1)
                PCTMC1 = (2.**PCTPHI(1))*1000.
                PCTPHI(5) = PCTPHI(5)-2.*PCTPHI(5)
                PCTMC5 = (2.**PCTPHI(5))*1000.
                WRITE(6,704) PCTMC1, PCTMC5
704             FORMAT(' ',14X,F7.2,1X,'MICRONS',7X,F7.2,1X,'MICRONS'///)
                IF(ML .EQ. 0) GO TO 111
                CALL DISC(XMEAN,PHIDEV,SK,XK,Y1,Y2,Y3,Y4)
                WRITE(6,80)
80              FORMAT(5X,'  SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL',
               *' INTERPRETATION'//)
                IF(Y1 .LT. -2.7411) GO TO 83
                IF(Y1 .EQ. -2.7411) GO TO 84
                WRITE(6,81) Y1
81              FORMAT(5X,'Y1=',F8.4,5X,'BEACH SAND'/)
                GO TO 82
83              WRITE(6,96) Y1
96              FORMAT(5X,'Y1=',F8.4,5X,'AFOGIN SAND'/)
                GO TO 111
84              WRITE(6,97) Y1
97              FORMAT(5X,'Y1=',F8.4,5X,'CAN NOT DISCRIMINANT'/)
82              IF(Y2 .LT. 65.3650) GO TO 87
                IF(Y2 .EQ. 65.3650) GO TO 88
                WRITE(6,85) Y2
85              FORMAT(5X,'Y2=',F8.4,5X,'SHALLOW MARINE SAND'/)
                GO TO 86
87              WRITE(6,98) Y2
98              FORMAT(5X,'Y2=',F8.4,5X,'BEACH SAND'/)
```

```
                GO TO 111
            88  WRITE(6,99) Y2
            99  FORMAT(5X,'Y2=',F8.4,5X,'CAN NOT DISCRIMINANT'/)
            86  IF(Y3 .LT. -7.4190) GO TO 90
                IF(Y3 .EQ. -7.4190) GO TO 91
                WRITE(6,89) Y3
            89  FORMAT(5X,'Y3=',F8.4,5X,'SHALLOW MARINE SAND'/)
                GO TO 111
            90  WRITE(6,211) Y3
           211  FORMAT(5X,'Y3=',F8.4,5X,'FLUVIAL SAND'/)
                GO TO 92
            91  WRITE(6,212) Y3
           212  FORMAT(5X,'Y3=',F8.4,5X,'CAN NOT DISCRIMINANT'/)
            92  IF(Y4 .LT. 9.8433) GO TO 94
                IF(Y4 .EQ. 9.8433) GO TO 95
                WRITE(6,93) Y4
            93  FORMAT(5X,'Y4=',F8.4,5X,'FLUVIAL SAND'/)
                GO TO 111
            94  WRITE(6,213) Y4
           213  FORMAT(5X,'Y4=',F8.4,5X,'TURBIDITE SAND'/)
                GO TO 111
            95  WRITE(6,214) Y4
           214  FORMAT(5X,'Y4=',F8.4,5X,'CAN NOT DISCRIMINANT'/)
           111  WRITE(6,701)
           701  FORMAT(5X,10('****')///)
                  IF (NTS.EQ.0) GO TO 999
                CALL VISHIS(TITLE,NGZ,PCT,XMEAN,PHIDEV)
           999  CONTINUE
                STOP
                END
```

CONSTANTS

0	2825366705E5	1	2.07405353412	2	2.03732641625	3	2.04472770501

COMMON

X	/.COMM./+0	CUM	/.COMM./+62	PCTPHI	/.COMM./+144

SUBPROGRAMS

FORSE.	.JREF	INTO.	INTI.	ALPHO.	ALPHI.	FLOUT.	FLINT.	PHIGZ	PARAM	EXP3.2	DISC	VISHIS	EXIT

SCALARS

NGP	1032	NL	1033	NTS	1034	I	1035	FGZ	1036		
NGZ	1037	J	1040	SUM	1041	M	1042	K	1043		
N	1044	XMEAN	1045	PHIDEV	1046	SK	1047	XK	1050		
PCTMC1	1051	PCTMC5	1052	Y1	1053	Y2	1054	Y3	1055		
Y4	1056										

ARRAYS

TITLE	1057	GZ	1077	PCT	1161	Z	1243	NUMGRN	1325
FFGZ	1407	X	0	CUM	62	PCTPHI	144		

```
                        SUBROUTINE PHIGZ(NGZ)
                        COMMON X(50),CUM(50),PCTPHI(8)
                        DIMENSION PCTILE(8)
                        DATA PCTILE/1.0,5.0,16.0,25.0,50.0,75.0,84.0,95.0/
                        J=1
                        L=1
                        IF(CUM(1)-1.0)100,100,101
                101     PCTPHI(1)=X(1)+0.25*(PCTILE(1)/CUM(1)-1)
                        J=2
                        L=2
                100     DO 200 M=L,8
                        DO 202 K=J,NGZ
                        IF(CUM(K)-PCTILE(M))202,203,204
                202     CONTINUE
                203     PCTPHI(M)=X(K)
                        GO TO 200
                204     PCTPHI(M)=X(K-1)+0.25*(PCTILE(M)-CUM(K-1))/(CUM(K)-CUM(K-1))
                200     J=K-1
                        RETURN
                        END
```

CONSTANTS

0 20140000000

GLOBAL DUMMIES

NGZ 77

COMMON

X /.COMM./+0 CUM /.COMM./+62 PCTPHI /.COMM./+144

SCALARS

PHIGZ 100 J 101 L 102 M 103 K 104
NGZ 77

ARRAYS

X 0 CUM 62 PCTPHI 144 PCTILE 105

```
      SUBROUTINE PARAM(XMEAN,PHIDEV,SK,XK)
      COMMON X(50),CUM(50),PCTPHI(8)
      XMEAN=(PCTPHI(3)+PCTPHI(5)+PCTPHI(7))/3.0
      PHIDEV=(PCTPHI(7)-PCTPHI(3))/4.0+(PCTPHI(8)-PCTPHI(2))/6.0
      SK=0.5*((PCTPHI(7)+PCTPHI(3)-2.0*PCTPHI(5))/(PCTPHI(7)-PCTPHI(3)))
     1+0.5*((PCTPHI(8)+PCTPHI(2)-2.0*PCTPHI(5))/(PCTPHI(8)-PCTPHI(2)))
      XK=(PCTPHI(8)-PCTPHI(2))/(2.44*(PCTPHI(6)-PCTPHI(4)))
      RETURN
      END
```

CONSTANTS

0	2@2@@@@@@@@@	1	2@3@46314631	2	2@2470243656

GLOBAL DUMMIES

XMEAN	76	PHIDEV	77	SK	100	XK	101

COMMON

X	/.COMM./+0	CUM	/.COMM./+62	PCTPHI	/.COMM./+144

SCALARS

PARAM	102	XMEAN	76	PHIDEV	77	SK	100	XK	101

ARRAYS

X	0	CUM	62	PCTPHI	144

```
                SUBROUTINE DISC(XMEAN,PHIDEV,SK,XK,Y1,Y2,Y3,Y4)
                COMMON X(50),CUM(50),PCTPHI(8)
                Y1=-3.5688*XMEAN+3.7016*PHIDEV**2.0-2.0766*SK+3.1135*XK
                Y2=15.6534*XMEAN+65.7091*PHIDEV**2.0+18.1071*SK+18.5043*XK
                Y3=0.2852*XMEAN-9.7604*PHIDEV**2.0-4.8932*SK+0.0482*XK
                Y4=0.7215*XMEAN-0.4030*PHIDEV**2.0+6.7322*SK+5.2927*XK
                RETURN
                END
```

CONSTANTS

0	202710634700	1	202731634035	2	202411634035	3	202616416254	4	204764721234
5	207402654171	6	205441555271	7	205450043163	10	177440267440	11	204430252311
12	203471124301	13	174612665347	14	200561320712	15	177634530040	16	203656670565
17	203522507143								

GLOBAL DUMMIES

XMEAN	141	PHIDEV	142	SK	143	XK	144	Y1	145
Y2	146	Y3	147	Y4	150				

COMMON

X	/.COMM./+0	CUM	/.COMM./+62	PCTPHI	/.COMM./+144

SUBPROGRAMS

EXP3.4

SCALARS

DISC	151	Y1	145	XMEAN	141	PHIDEV	142	SK	143
XK	144	Y2	146	Y3	147	Y4	150		

ARRAYS

X	0	CUM	52	PCTPHI	144

```
      SUBROUTINE VISHIS(TITLE,NGZ,PCT,XMEAN,PHIDEV)
      REAL TITLE(16),PCT(50),Z(50),Q(50)
      COMMON X(50), CUM(50), FCTPHI(8)
      DATA A,B,C/2.515517,0.802853,0.010328/
      DATA D,E,F/0.010328,1.432788,0.189269/
      DO 150 L = 1,NGZ
      IF(CUM(L).LT..01.OR.CUM(L).GT.99.99) GOTO150
      Q(L)=CUM(L)/100.0
      IF(Q(L).GT.0.5) Q(L)=1.-Q(L)
      T=SQRT(ALOG(1.0/Q(L)**2))
      Z(L)=T-(A+B*T+C*T**2)/(1.0+D*T+E*T**2+F*T**3)
      IF(CUM(L).LT.50.0) Z(L)=-Z(L)
  150 CONTINUE
      CALL PLOTS(IFLAG)
      CALL PLOT(0.0,0.0,-3)
      CALL PLOT(4.5,18.0,-3)
   20 CALL SYMBOL(0.,0.,.2,TITLE,270.,40)
      CALL PLOT(0.,0.,3)
      CALL PLOT(1.,0.,-3)
      CALL AXIS(0.,0.,'GRAIN SIZE (PHI)',-16,14.,270.,-2.,.5)
      CALL AXIS(0.,0.,'CUMULATIVE %',13,13.,0.,.01,7.69154)
      CALL PLOT(6.5,0.,-3)
      DO 10 J=1,NGZ
      IF(CUM(J).LT..01) GOTO10
      X(J)=(X(J)+2.)/.5
      IF(CUM(J).GT.99.99) GOTO10
      CALL SYMBOL(1.629072&8*Z(J),-X(J),.2,'*',270.,1)
   10 CONTINUE
      CALL PLOT(0.,-.75,-3)
      CALL AXIS(0.,0.,'GRAIN SIZE (PHI)',-16,7.,270.,-2.,1.)
      CALL AXIS(0.,0.,'% FREQUENCY',11,7.,0.,0.,5.)
      K=1
      CALL PLOT(0.,-(X(K)/2.-.125),3)
      DO 1 K=1,NGZ
      IF(PCT(K).EQ.0..AND.K.EQ.NGZ) GOTO1
      IF(CUM(K).LT..01) GOTO1
      IF(PCT(K).EQ.0.) GOTO5
      IF(K.EQ.NGZ.AND.X(K-1).EQ.0.) GOTO200
      IF(K.EQ.(NGZ-1)) GOTO11
      IF(K.EQ.1) X(K)=X(K)/2.-.125
      IF(K.EQ.NGZ) GOTO200
    5 X(K+1)=X(K+1)/2.-.125
      IF(PCT(K).EQ.0.) GOTO4
      GOTO200
   11 X(K+1)=X(K)+.25
      X(K+2)=X(K+1)+.25
  200 CALL PLOT(PCT(K)*7./35.,-X(K),2)
      CALL PLOT(PCT(K)*7./35.,-X(K+1),1)
      CALL PLOT(0.,-X(K+1),3)
      GOTO1
    4 IF((K+1).EQ.NGZ) X(K+2)=X(K+1)+.125
      CALL PLOT(0.,-X(K+1),3)
    1 CONTINUE
```

```
                    CALL PLOT(0.,-17.25,-3)
                    RETURN
                    END

CONSTANTS

0     207617753412  1     172507534121  2     207620000000  3     201400000000  4     000000000000
5     203440000000  6     205440000000  7     176631463146  10    211416000000  11    000000000050
12    000000000003  13    202400000000  14    436450144634  15    202471155212  16    201212044222
17    245004020100  20    000000000000  21    204700000000  22    200400000000  23    416531546652
24    462032444654  25    425004520100  26    000000000000  27    000000000015  30    204640000000
31    203754204303  32    203640000000  33    201641025633  34    251004020100  35    000000000000
36    000000000001  37    200600000000  40    203700000000  41    225010651212  42    506530547206
43    545004020100  44    000000000000  45    000000000013  46    203500000000  47    206430000000
50    000000000002  51    205424000000

GLOBAL DUMMIES

TITLE  564          NGZ    565          PCT    566          XMEAN  567          PHIDEV  570

COMMON

X      /.COMM./+0    CUM    /.COMM./+62   PCTPHI /.COMM./+144

SUBPROGRAMS

SQRT   ALOG   PLOTS  PLOT   SYMBOL  AXIS

SCALARS

VISHIS 573          A      574          B      575          C      576          D      577
E      600          F      601          L      602          NGZ    565          I      603
IFLAG  604          J      605          K      606          XMEAN  567          PHIDEV  570

ARRAYS

TITLE  564          PCT    566          Z      607          Q      671          X      0
CUM    62           PCTPHI 144
```

**** SEDIMENTATION LAB, GEOLOGY DEPT, WTSU ****

AMOCO 1-S 8042 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.38	0.38
0.25	0.21	0.59
0.50	0.25	0.84
0.75	0.67	1.51
1.00	1.18	2.69
1.25	1.60	4.29
1.50	4.16	8.45
1.75	3.28	11.73
2.00	3.95	15.69
2.25	3.74	19.43
2.50	4.67	24.10
2.75	4.25	28.34
3.00	8.49	36.84
3.25	17.87	54.71
3.50	25.61	80.32
3.75	12.74	93.06
4.00	4.04	97.10
4.25	2.90	100.00

TOTAL= 23.76

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.93	0.78	-0.48	1.18

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.56 PHI MEDIAN= 3.18 PHI
678.74 MICRONS 110.02 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -3.5146 AEOLIN SAND

****

AMOCO (-S 8038 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	5.72	5.72
0.25	4.19	9.91
0.50	3.11	13.02
0.75	3.89	16.92
1.00	4.80	21.71
1.25	27.98	49.69
1.50	2.46	52.16
1.75	2.17	54.32
2.00	2.40	56.72

2.25	2.10	58.83
2.50	2.69	61.52
2.75	2.71	64.23
3.00	7.34	71.58
3.25	10.33	81.91
3.50	10.62	92.53
3.75	4.25	96.78
4.00	2.12	98.91
4.25	1.09	100.00

TOTAL= 47.53

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
1.76	1.21	0.41	0.74

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.21 PHI MEDIAN= 1.28 PHI
1153.74 MICRONS 411.52 MICRONS ✓

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= 0.5868 BEACH SAND
Y2=144.9812 SHALLOW MARINE SAND
Y3=-14.3378 FLUVIAL SAND
Y4= 7.3659 TURBIDITE SAND

****

AMOCO 1-S 8081 ST

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	3.19	3.19
0.25	3.24	6.43
0.50	3.32	9.75
0.75	3.87	13.62
1.00	4.64	18.26
1.25	4.77	23.03
1.50	5.96	28.99
1.75	4.81	33.80
2.00	4.96	38.76
2.25	4.75	43.51
2.50	4.81	48.32
2.75	4.64	52.96
3.00	5.83	58.79
3.25	8.05	66.84
3.50	12.05	78.88
3.75	9.86	88.74
4.00	6.41	95.15
4.25	4.85	100.00

TOTAL= 46.98

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.37	1.27	-0.25	0.76

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.17 PHI MEDIAN= 2.59 PHI
1126.38 MICRONS 166.02 MICRONS ✓

SAND(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= 0.4375 BEACH SAND

Y2=152.6803 SHALLOW MARINE SAND

Y3=-12.1985 FLUVIAL SAND

Y4= 3.3236 TURBIDITE SAND

****

AMOCO 1-S 8045 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.00	0.00
0.25	0.01	0.01
0.50	0.01	0.02
0.75	0.01	0.03
1.00	0.01	0.04
1.25	0.01	0.05
1.50	0.01	0.07

1.75	0.01	0.07
2.00	0.01	0.08
2.25	28.50	28.58
2.50	49.87	78.45
2.75	21.38	99.83
3.00	0.02	99.85
3.25	0.03	99.87
3.50	0.06	99.93
3.75	0.04	99.97
4.00	0.02	99.99
4.25	0.01	100.00

TOTAL= 14041.05

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.35	0.20	0.00	1.01

C AND A VALUES FOR A PASSEGA PLOT

COARSEST 1%= 2.01 PHI MEDIAN= 2.36 PHI
248.61 MICRONS 195.15 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -5.1134 AEOLIAN SAND

****

AMOCO 1-S 8031 RT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	2.55	2.55
0.25	2.60	5.15
0.50	3.11	8.25
0.75	4.20	12.46
1.00	6.42	18.87
1.25	6.32	25.19
1.50	9.70	34.90
1.75	7.23	42.13
2.00	7.05	49.18
2.25	6.21	55.40
2.50	6.83	62.23
2.75	6.04	68.26
3.00	6.83	75.09
3.25	5.78	80.87
3.50	5.06	85.93
3.75	5.12	92.05
4.00	4.08	96.13
4.25	3.87	100.00

TOTAL= 39.25

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.10	1.18	0.05	0.86

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.15 PHI MEDIAN= 2.03 PHI
1110.99 MICRONS 244.38 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= 0.2571 BEACH SAND

Y2=141.7143 SHALLOW MARINE SAND

Y3=-11.8753 FLUVIAL SAND

Y4= 5.8846 TURBIDITE SAND

****

AMOCO 1-S 8059

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	4.58	4.58
0.25	4.51	9.09
0.50	4.36	13.46
0.75	5.73	19.18
1.00	7.07	26.25
1.25	5.07	31.32
1.50	6.30	37.62

1.75	4.17	41.79
2.00	4.58	46.37
2.25	2.45	48.82
2.50	4.83	53.65
2.75	4.98	58.63
3.00	8.77	67.40
3.25	10.73	78.13
3.50	11.05	89.18
3.75	5.22	94.40
4.00	3.15	97.55
4.25	2.45	100.00

TOTAL= 46.97

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.10	1.26	-0.22	0.70

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.20 PHI MEDIAN= 2.31 PHI
1145.93 MICRONS 201.50 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= 1.0447 BEACH SAND

Y2=146.9154 SHALLOW MARINE SAND

Y3=-12.3058 FLUVIAL SAND

Y4= 3.0795 TURBIDITE SAND

****

AMOCO 1-S 8083 FE

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	1.88	1.88
0.25	2.12	4.00
0.50	2.89	6.88
0.75	4.03	10.91
1.00	3.79	14.71
1.25	5.51	20.21
1.50	4.20	24.41
1.75	4.33	28.74
2.00	3.76	32.51
2.25	4.47	36.97
2.50	3.96	40.93
2.75	0.00	40.93
3.00	5.94	46.88
3.25	11.55	58.43
3.50	16.19	74.61
3.75	12.02	86.64

3.00	7.25	93.89
4.25	6.11	100.00

TOTAL= 29.78

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.61	1.22	-0.50	0.77

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.12 PHI MEDIAN= 3.07 PHI
1084.52 MICRONS 119.28 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -0.3537 BEACH SAND
Y2=144.0026 SHALLOW MARINE SAND
Y3= -9.8423 FLUVIAL SAND
Y4= 2.2006 TURBIDITE SAND

****

AMOCO 1-S ROSE FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	7.83	7.83
0.25	5.00	12.83
0.50	4.33	17.17
0.75	4.95	22.11
1.00	5.44	27.55

1.00	5.44	27.55
1.25	3.97	31.53
1.50	4.74	36.26
1.75	3.40	39.66
2.00	3.46	43.12
2.25	3.21	46.32
2.50	3.61	49.93
2.75	4.05	53.98
3.00	8.75	62.73
3.25	13.96	76.69
3.50	13.63	90.32
3.75	5.62	95.94
4.00	2.39	98.22
4.25	1.78	100.00
TOTAL=	52.37	

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.11	1.32	-0.39	0.98

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.22 PHI MEDIAN= 2.50 PHI
1163.17 MICRONS 176.27 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= 1.8572 BEACH SAND

Y2=153.2406 SHALLOW MARINE SAND

Y3=-12.7697 FLUVIAL SAND

Y4= 1.7781 TURBIDITE SAND

****

AMOCO 1-8 8076 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	1.01	1.01
0.25	1.32	2.33
0.50	1.74	4.07
0.75	2.12	6.19
1.00	3.51	9.71
1.25	3.79	13.50
1.50	6.12	19.62
1.75	4.94	24.57
2.00	5.64	30.20
2.25	4.52	34.73
2.50	5.05	39.77
2.75	4.59	44.36
3.00	6.44	50.80
3.25	8.21	59.01

3.50	13.26	72.27
3.75	12.94	85.21
4.00	8.84	94.05
4.25	5.95	100.00
TOTAL=	28.74	

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI DEV.	SKEW.	KURT.
2.68	1.11	-0.37	0.79

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.00 PHI MEDIAN= 2.97 PHI
1001.55 MICRONS 127.72 MICRONS ✓

SAND(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -1.7645 BEACH SAND
Y2=131.3590 SHALLOW MARINE SAND
Y3= -8.2527 FLUVIAL SAND
Y4= 3.1259 TURBIDITE SAND

****

AMOCO 1-S 8085 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.58	0.58
0.25	0.41	0.99
0.50	0.50	1.49

0.75	1.12	2.61
1.00	2.85	5.46
1.25	3.06	8.52
1.50	6.91	15.43
1.75	4.88	20.31
2.00	5.38	25.69
2.25	5.05	30.74
2.50	5.63	36.37
2.75	4.96	41.33
3.00	7.24	48.57
3.25	8.36	56.93
3.50	17.00	73.93
3.75	14.03	87.96
4.00	7.16	95.12
4.25	4.88	100.00

TOTAL= 24.17

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.75	1.00	-0.89	0.89

C AND P VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.25 PHI MEDIAN= 3.04 PHI
839.83 MICRONS 121.35 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -2.8241 ARDLIE SAND

****

AMOCO 1-S 8062 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.19	0.19
0.25	0.24	0.43
0.50	0.19	0.62
0.75	0.53	1.15
1.00	1.67	2.82
1.25	1.91	4.73
1.50	5.21	9.93
1.75	4.20	14.14
2.00	4.63	18.77
2.25	3.92	22.68
2.50	5.11	27.79
2.75	4.11	31.90
3.00	7.78	39.68
3.25	13.80	53.49

3.50	22.40	75.88
3.75	12.99	88.87
4.00	5.35	95.22
4.25	4.78	100.00
TOTAL=	20.84	

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI DEV.	SKEW.	KURT.
2.90	0.86	-0.45	0.99

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.58 PHI MEDIAN= 3.19 PHI
623.97 MICRONS 109.62 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -3.5601 AEOLIN SAND

****

AMOCO 1-S 8033 FR

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.32	0.32
0.25	0.14	0.46
0.50	0.25	0.70
0.75	0.21	0.91
1.00	0.39	1.30

1.25	0.53	1.83
1.50	1.26	3.09
1.75	1.62	4.71
2.00	2.88	7.59
2.25	3.30	10.89
2.50	6.71	17.60
2.75	11.29	28.88
3.00	23.01	51.90
3.25	23.44	75.33
3.50	16.13	91.46
3.75	5.87	97.33
4.00	1.51	98.84
4.25	1.16	100.00

TOTAL= 25.46

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.93	0.52	-0.21	1.32

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.81 PHI MEDIAN= 2.98 PHI
572.00 MICRONS 126.80 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -4.9208 ARDLIN SAND

****

AMOCO 1-S 8039 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.33	0.33
0.25	0.44	0.77
0.50	0.62	1.39
0.75	0.92	2.31
1.00	2.42	4.72
1.25	2.71	7.43
1.50	6.59	14.02
1.75	5.34	19.36
2.00	6.15	25.51
2.25	5.12	30.64
2.50	6.55	37.19
2.75	6.30	43.48
3.00	13.14	56.63
3.25	15.70	72.33
3.50	15.04	87.37
3.75	7.32	94.69

YI= -4.920Φ AZOLIA SAND

****

AMOCO 1-S 8039 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.33	0.33
0.25	0.44	0.77
0.50	0.62	1.39
0.75	0.92	2.31
1.00	2.42	4.72
1.25	2.71	7.43
1.50	6.59	14.02
1.75	5.34	19.36
2.00	6.15	25.51
2.25	5.12	30.64
2.50	6.55	37.19
2.75	6.30	43.48
3.00	13.14	56.63
3.25	15.70	72.33
3.50	15.04	87.37
3.75	7.32	94.69

4.00	2.96	97.56
4.25	2.34	100.00

TOTAL= 27.32

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.64	0.88	-0.36	0.86

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.34 PHI MEDIAN= 2.67 PHI
788.43 MICRONS 136.41 MICRONS ✓

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -3.1226 AEOLIAN SAND

****

AMORD 1-S 8035 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.56	0.56
0.25	0.15	0.71
0.50	0.30	1.00
0.75	0.41	1.41
1.00	1.19	2.60
1.25	1.67	4.27
1.50	3.30	7.57

1.75	2.63	10.20
2.00	3.45	13.65
2.25	4.19	17.85
2.50	7.87	25.71
2.75	12.13	37.85
3.00	20.37	58.22
3.25	18.44	76.66
3.50	15.10	91.76
3.75	5.64	97.40
4.00	1.86	99.26
4.25	0.74	100.00

TOTAL= 26.95

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.80	0.66	-0.30	1.28

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.50 PHI MEDIAN= 2.90 PHI
707.87 MICRONS 134.05 MICRONS ✓

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

YI= -3.7862 AEOLIN SAND

****

AMOCO 1-S 8055 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.13	0.13
0.25	0.39	0.52
0.50	0.52	1.05
0.75	0.35	1.39
1.00	1.48	2.88
1.25	1.74	4.62
1.50	3.36	7.97
1.75	2.44	10.41
2.00	3.09	13.51
2.25	3.40	16.91
2.50	5.32	22.22
2.75	8.06	30.28
3.00	21.09	51.37
3.25	22.48	73.86
3.50	14.42	88.28
3.75	6.84	95.12
4.00	2.75	97.86
4.25	2.14	100.00

TOTAL= 22.95

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.86	0.68	-0.34	1.48

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.48 PHI MEDIAN= 2.98 PHI
717.91 MICRONS 126.42 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -3.1888 ABSOLUTE SAND

****

AMOCO 1-S 6075 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.40	0.40
0.25	0.48	0.88
0.50	0.92	1.80
0.75	1.20	3.01
1.00	2.77	5.77
1.25	2.36	8.14
1.50	4.81	12.95
1.75	3.21	16.15
2.00	4.05	20.20

2.25	3.05	23.25
2.50	4.13	27.37
2.75	3.73	31.10
3.00	5.41	36.51
3.25	9.26	45.77
3.50	18.72	64.49
3.75	20.20	84.69
4.00	9.58	94.27
4.25	5.73	100.00

TOTAL= 24.95

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.93	0.97	-0.55	1.00

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.28 PHI MEDIAN= 3.31 PHI
822.41 MICRONS 101.08 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -2.7166 BEACH SAND

Y2=116.2937 SHALLOW MARINE SAND

Y3= -4.6863 SHALLOW MARINE SAND

****

AMOCO 1-S 6053 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	3.78	3.78
0.25	3.23	7.01
0.50	2.98	9.99
0.75	3.96	13.95
1.00	5.60	19.55
1.25	3.68	23.23
1.50	5.70	28.93
1.75	3.46	32.38
2.00	3.83	36.22
2.25	3.46	39.67
2.50	4.34	44.01
2.75	4.04	48.05
3.00	7.77	55.81
3.25	14.17	69.99
3.50	18.97	88.95
3.75	8.50	97.45
4.00	1.87	99.32
4.25	0.68	100.00
TOTAL=	39.65	

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.36	1.19	-0.52	0.74

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%=-0.18 PHI MEDIAN= 2.81 PHI
1135.96 MICRONS 142.31 MICRONS

SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= 0.1965 BEACH SAND

Y2=134.6074 SHALLOW MARINE SAND

Y3= -9.1830 FLUVIAL SAND

Y4= 1.5496 TURBIDITE SAND

****

AMOCO 1-S 8040 FT

SIZE	PERCENT WEIGHT	CUMULATIVE PERCENT WEIGHT
0.00	0.11	0.11
0.25	0.29	0.40
0.50	0.22	0.62
0.75	0.29	0.91
1.00	0.44	1.34
1.25	0.69	2.03
1.50	1.53	3.56
1.75	1.49	5.05

1.75	1.47	2.99
2.00	1.85	6.99
2.25	2.36	9.26
2.50	5.01	14.28
2.75	9.15	23.43
3.00	24.26	47.69
3.25	30.11	77.81
3.50	16.96	94.77
3.75	3.56	98.33
4.00	0.91	99.24
4.25	0.76	100.00

TOTAL= 27.53

FOLK AND WARD 1957 STATISTICAL PARAMETERS

MEAN	PHI.DEV.	SKEW.	KURT.
2.97	0.47	-0.31	1.58

C AND M VALUES FOR A PASSEGA PLOT

COARSEST 1%= 0.80 PHI 573.27 MICRONS MEDIAN= 3.02 PHI 123.35 MICRONS

SAND(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

Y1= -4.2185 AEOLIAN SAND

****

```
COARSEST 1%= 0.80 PHI       MEDIAN= 3.02 PHI
            573.27 MICRONS          123.35 MICRONS


   SAHU(1964) DISCRIMINANT FUNCTIONS FOR ENVIRONMENTAL INTERPRETATION

   Y1= -4.2185      APOLLO SAND

   ****************************************


16:33:25 STDAT  16-AUG-79 WTSU DECSYSTEM-10 507B-3  SPRINT VERSION 2(1035) RUNNING ON CDR0
16:33:25 STCRD  $JOB (1340,30)/TIME
16:33:26 STCRD  $TOPS10
16:33:26 STCRD  $F40
16:33:40 STMSG  FILE  DSK:LNHYNY.F4  CREATED - 229 CARDS READ - 30 BLOCKS WRITTEN
16:33:41 STCRD  $DATA
16:33:45 STMSG  FILE  DSK:YNX.CDR  CREATED - 75 CARDS READ - 10 BLOCKS WRITTEN
16:33:46 STCRD  $EOD
16:33:46 STCRD  $TOPS10
16:33:46 STCRD  $EOJ
16:33:46 STSUM  END OF JOB ENCOUNTERED
16:33:46 STSUM  315 CARDS READ
16:33:46 STSUM  BATCH INPUT REQUEST CREATED

16:33:51 BAJOB  BATCON VERSION 13(1071) RUNNING JBHYNZ SEQUENCE 13249 IN STREAM 1 FOR J. CEPEDA
16:33:51 BAFIL  INPUT FROM DSKE0:JBHYNZ.CTL[1340,30]
16:33:51 BAFIL  OUTPUT TO  DSKE0:JBHYNZ.LOG[1340,30]
16:33:51 BASUM  JOB PARAMETERS
                TIME:72:49:03   CORE:25K   UNIQUE:YES   RESTART:YES

16:33:51 MONTR
16:33:51 MONTR  .LOGIN 1340/30
16:33:52 USER   JOB 5 WTSU DECSYSTEM-10 507B-3 TTY64
16:33:52 USER   [LGNRDU RECOMPUTING DISK USAGE]
16:33:53 USER   [LGNQTA DSKE IN:3000 OUT:150 USED:165]
16:33:54 USER   1633     16-AUG-79        THUR
16:33:54 MONTR
16:33:54 MONTR  .LOCATE 1
16:33:54 MONTR
16:33:54 MONTR  ..ASSIGN CDR 5
16:33:54 MONTR  SPOOLED CDR ASSIGNED
16:33:54 MONTR
16:33:54 MONTR  ..ASSIGN LPT 6
16:33:54 MONTR  SPOOLED LPT ASSIGNED
16:33:54 MONTR
16:33:54 MONTR  ..COMPIL /COMP/F40 DSK:LNHYNY.F4/LIST
16:33:56 USER   FORTRAN:  LNHYNY.F4
16:34:11 MONTR
16:34:11 MONTR  EXIT
16:34:11 MONTR
16:34:11 MONTR  ..SET CDR YNX
16:34:11 MONTR
16:34:11 MONTR  ..EXECUT /REL DSK:LNHYNY.REL
16:34:11 USER   LINK:   LOADING
16:34:16 USER   [LNKXCT LNHYNY EXECUTION]
16:35:27 USER
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16:33:25 STDAT  16-AUG-79 MTSU DECSYSTEM-10 5076-3  SPRINT VERSION 2(1035) RUNNING ON CDR0
16:33:25 STCRD  $JOB (1340,30)/TIME
16:33:26 STCRD  $TOPS10
16:33:26 STCRD  $R40
16:33:40 STMSG  FILE  DSK:LNHYNY.F4  CREATED - 229 CARDS READ - 30 BLOCKS WRITTEN
16:33:41 STCRD  $DATA
16:33:45 STMSG  FILE  DSK:YNX.COR  CREATED - 75 CARDS READ - 10 BLOCKS WRITTEN
16:33:46 STCRD  $END
16:33:46 STCRD  $TOPS10
16:33:46 STCRD  $EOJ
16:33:46 STSUM  END OF JOB ENCOUNTERED
16:33:46 STSUM  315 CARDS READ
16:33:46 STSUM  BATCH INPUT REQUEST CREATED

16:33:51 BAJOB  BATCON VERSION 13(1071) RUNNING JBHYNZ SEQUENCE 13249 IN STREAM 1 FOR J. CEPEDA
16:33:51 BAFIL  INPUT FROM DSKE0:JBHYNZ.CTL[1340,30]
16:33:51 BAFIL  OUTPUT TO  DSKE0:JBHYNZ.LOG[1340,30]
16:33:51 BASUM  JOB PARAMETERS
                TIME:72:49:03   CORE:25K   UNIQUE:YES   RESTART:YES

16:33:51 MONTR
16:33:51 MONTR  .LOGIN 1340/30
16:33:52 USER   JOB 5 MTSU DECSYSTEM-10 5076-3 TTY64
16:33:52 USER   [LOGBOU RECOMPUTING DISK USAGE]
16:33:53 USER   [LOGGTS DSKE TN:3000 OUT:150 USED:1651]
16:33:54 USER   1633    16-AUG-79       THUR
16:33:54 MONTR
16:33:54 MONTR  .LOCATE 1
16:33:54 MONTR
16:33:54 MONTR  ..ASSIGN CDR 5
16:33:54 MONTR  SPOOLED CDR ASSIGNED
16:33:54 MONTR
16:33:54 MONTR  ..ASSIGN LPT 6
16:33:54 MONTR  SPOOLED LPT ASSIGNED
16:33:54 MONTR
16:33:54 MONTR  ..COMPIL /COMP/F40 DSK:LNHYNY.F4/LIST
16:33:56 USER   FORTRAN:  LNHYNY.F4
16:34:11 MONTR
16:34:11 MONTR  EXIT
16:34:11 MONTR
16:34:11 MONTR  ..SET CDR YNX
16:34:11 MONTR
16:34:11 MONTR  ..EXECUTE /REL DSK:LNHYNY.REL
16:34:11 USER   LINK:   LOADING
16:34:16 USER   [UNRACT LNHYNY EXECUTION]
16:35:27 USER
16:35:27 USER   END OF EXECUTION
16:35:27 USER   CPU TIME: 1:1.83         ELAPSED TIME: 1:11.10
16:35:27 MONTR  EXIT
16:35:27 MONTR
16:35:27 MONTR  ..PLOT *.PLT
16:35:42 USER   TOTAL OF 1017 BLOCKS IN 18 FILES IN PLT REQUEST
16:35:42 MONTR
16:35:42 MONTR  .
16:35:42 GLABL  %FIN::
16:35:42 MONTR  .DELETE DSK:LNHYNY.F4,DSK:LNHYNY.REL,DSK:YNX.COR
16:35:43 USER   FILES DELETED:
```

A186

Amoco
#1 Steiber
1N 67W Sec 24
Weld, CO

```
16:35:43 USER   LNHYNY.F4
16:35:43 USER   30 BLOCKS FREED
16:35:44 USER   LNHYNY.REL
16:35:44 USER   17 BLOCKS FREED
16:35:44 USER   YNX.COR
16:35:44 USER   10 BLOCKS FREED
16:35:44 MONTR
16:35:44 MONTR  .KJOB DSKE0:JBHYNZ,LOG=/N/B/Z:4/VR:10/VS:13249/VL:200/VD:0
16:35:48 K-SOS  TOTAL OF 59 BLOCKS IN 3 FILES IN LPTS1 REQUEST
16:35:49 LGOUT  JOB 5, USER [1340,30]  LOGGED OFF TTY64     1635  16-AUG-79
16:35:49 LGOUT  SAVED ALL FILES (120 BLOCKS)
16:35:49 LGOUT  RUNTIME 1 MIN, 23.82 SEC
16:35:55 LPMSG  LPTSPL VERSION 6(344)  RUNNING ON LPT0
16:35:57 LPMSG  JOB JBHYNZ FILE DSKE0:LNHYNY[1340,30] FOR [1340,30] STARTED
16:36:18 LPMSG  DSKE0:LNHYNY[1340,30] DONE
16:36:18 LPMSG  JOB JBHYNZ FILE DSKE0:FOR06[1340,30] FOR [1340,30] STARTED
16:37:16 LPMSG  DSKE0:FOR06[1340,30] DONE
```