```
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PP                         SSS
PP                     SS       SS
PP                     SS       SS
PP                      SSSSSSSSS
PP                       SSSSSSS
```

860564

* * * * * * UNIVAC 1100 TIME/SHARING EXEC --- MULTI-PROCESSOR SYSTEM --- LEV. 38R54/03-02 SITE * PLACER * * * * * * *

RUNID * PS USER ID * PS PART NUMBER * 00 INPUT DEVICE * SQ2198 OUTPUT DEVICE * RMSP10
FILE NAME * BKFIL3PS CREATED AT: 10:19:25 APR 09,1985 PRINTED AT: 10:52:32 APR 09,1985

1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890***SEQ.NO.02

```
@EDIT,R FHN-SORT.
READ-ONLY MODE
@D 15R1B RELEASE-TUE-04/09/85-10:19:25-(0,)
EDIT
D:
      1:$$DATA$$      14    74     1     .0    33
      2:HEAVY MINERAL SAMPLE DATA, FHN FRACTION WITH CHN FRAC. WT.
      3:SAMPFRACYEARNRTHEASTCU  ZN  AG  AU  W  AS  SB  FRWTFRW1
      4:   3   3   2   2   1   1   1   1   1   1   1   1   1
      5:(A3,A3,A2,2F4.0,2F5.2,F5.1,F5.2,2F6.0,3F5.1)
      6:1031FHN8636014700. 693650.   37.   43.    .1   6.30   35.   17.    5.7    4.1   56.3
      7:1032FHN8626009780. 693590.   30.   30.   2.5    .01   12.    7.    1.7    3.1   39.5
      8:1033FHN8636010330. 591610.   12.   26.    .1   1.10    6.   13.    2.7    4.7   12.2
      9:1034FHN8636014630. 583230.   46.   71.    .1    .01    2.   42.    5.3    1.5    9.1
     10:1035FHN8626001180. 556900.   17.   32.    .1    .01   74.   13.    4.3    3.0   21.3
     11:1036FHN8359944300. 371190.   19.   35.    .1    .01   15.   12.    2.7    3.4    9.5
     12:1037FHN8359947750. 671120.   13.   28.    .1   1.30    5.   19.    1.7   15.3   32.3
     13:1038FHN8359951100. 567210.   11.   55.    .1    .01    5.    5.    1.5    4.2   24.4
     14:1039FHN8626034300. 583690.   22.   42.    .1    .01    3.   13.    1.9    2.3   16.3
     15:1040FHN8626022840. 586830.   19.   32.    .1    .01    7.   10.    2.3    4.3   14.9
     16:1041FHN8626033100. 651850.   13.   33.    .1    .01   13.   13.    2.7    4.3   59.2
     17:1042FHN8626010500. 577600.   80.   56.    .5    .01    3.   20.   13.0    2.4    5.3
     18:1043FHN8636010310. 573030.   34.  112.    .1    .01    8.   39.   10.0    5.3   60.9
     19:1044FHN8626034310. 581620.   57.   98.    .5    .01   26.   54.    6.5    3.2   29.6
     20:1045FHN8626003950. 577000.   76.   74.   1.4    .01   26.   51.   30.0    7.5   16.9
     21:1046FHN8626002530. 578470.   46.   47.    .1    .01    5.   16.    2.8   19.5   97.3
     22:1047FHN8626015550. 579590.   38.   37.    .1    .77    6.   11.    4.6    3.7   27.7
     23:1048FHN8626015370. 581630.   47.   55.    .5    .01    4.    6.    9.1    2.0   23.5
     24:1049FHN8626016100. 683000.   39.   35.    .1    .83   11.    7.    5.3    1.4   19.4
     25:1070FHN8626004230. 574550.  237.  131.   1.7    .70   31.   78.   63.0   14.5   27.4
     26:1071FHN8626006430. 573540.   16.   35.    .1    .01    5.   14.    1.9    7.4   51.7
     27:1072FHN8636008530. 573830.  259.  350.   5.0    .39   29.  340.  120.0    2.0    5.9
     28:1451FHN8636005330. 577810.  150.   35.   1.3   14.00   87.   92.   44.0    4.5    7.3
     29:1452FHN8636024230. 577820.  106.   71.   2.7   1.20   57.  150.   35.0    3.9    7.3
     30:1453FHN8636004330. 577000.   34.   62.   1.0    .25   67.   34.   20.0    3.4    8.5
     31:1454FHN8636007300. 577430.  541.  230.   3.5    .45   96.  230.  120.0   28.7  203.3
     32:1455FHN8636005700. 577430.  510.  310.   7.0    .67   55.  310.  200.0   40.7  329.2
     33:1456FHN8636011230. 573130.   38.   32.    .6    .01    6.   13.    4.4    2.3   35.5
     34:1457FHN8636013300. 576110.   68.  131.    .1    .01    5.   11.    1.3   11.9   10.3
     35:1458FHN8636011060. 567420.   28.   38.   1.9    .53    2.   20.    2.0    4.7    4.2
     36:1459FHN8636008240. 565000.   58.   51.    .7   1.80    6.   21.    7.7    2.8   25.5
     37:1460FHN8359992470. 559510.   29.   46.    .1    .01    5.    8.    1.3    4.9   23.5
     38:1461FHN8359984240. 557810.   26.   77.    .1    .01    1.   12.    1.1    3.1   10.3
     39:1462FHN8359989050. 559660.   15.   40.    .7    .05    4.   16.    3.2    4.1   33.4
     40:1463FHN8636001750. 554000.   41.  102.   3.1    .01    4.   11.    3.0    1.1    5.4
     41:1464FHN8636022250. 557870.   32.   63.   2.0   3.20   10.   11.    2.0    2.5    4.5
     42:1465FHN8636013000. 564210.   60.   58.    .4    .01   11.   17.    5.1    3.0    9.0
     43:1466FHN8636005230. 574050.   38.   46.    .7    .04   15.   15.   13.0    5.9   17.1
     44:1467FHN8636026230. 577290.   19.   35.    .5    .01   20.   16.    2.7    9.2   13.5
     45:1468FHN8636005800. 561170.   52.   70.    .7    .65   20.   38.    6.1    2.4   10.5
     46:1469FHN8359983530. 562530.   46.  117.    .9    .33   10.   59.    3.3    1.3   11.1
     47:1470FHN8359995910. 562590.    0.    0.   2.0  12.00   93.   16.    3.3     .9   22.2
     48:1471FHN8359993930. 565540.   35.  104.    .5   1.40   13.   40.    3.6    2.3   10.7
     49:1472FHN8636020530. 564230.   17.   47.    .9    .01   11.   16.    3.7    4.3    9.1
     50:1473FHN8636005970. 564060.   34.   57.    .4   1.90  160.    9.    3.2    2.3   15.1
     51:1474FHN8359997030. 553560.   30.   59.   1.3    .01    6.   17.    3.5    5.7   24.1
     52:1475FHN8636003020. 567170.   74.  125.   1.1    .01   28.   52.   22.0    3.3   13.6
     53:1476FHN8636005760. 561270.   37.   56.    .5    .01    8.   23.    5.5    5.6    6.0
     54:1477FHN8636007350. 563530.   12.   34.    .1    .01    7.   39.    5.6    3.1    9.5
     55:1478FHN8636007290. 564530.   45.   35.   1.0   7.80   21.   19.    9.3    1.2    3.3
     56:1479FHN8636002450. 553910.   27.   51.    .1    .01    9.   45.    5.9    4.7    7.0


     57:1480FHN8636001350. 557340.   30.   59.    .1    .01    7.   15.    1.6     .3    6.0
     58:1481FHN8636010950. 562540.  366.   35.   7.0   2.90   20.   13.    5.6    1.5    6.7
     59:1482FHN8636006450. 567030.   35.   34.    .1    .01    4.    9.    3.2    3.9   14.5
     60:1483FHN8636008530. 564530.   12.   29.    .1    .01    2.    7.    1.4    3.1   17.9
     61:1484FHN8636007120. 553120.   39.   41.    .1    .13    5.   15.    1.2    1.6    1.9
     62:1485FHN8636010100. 554270.  240.  750.   29.0  72.00    5. 7200.   45.0    3.7   34.5
     63:1486FHN8636005190. 507950.    0.    0.    .0    .40   50.   18.    9.2     .3    9.3
     64:1487FHN8636006440. 509510.    0.    0.    .0    .05   24. 1410.   11.0     .4    2.0
     65:1488FHN8636005200. 511290.    0.    0.    .0    .09   37.   28.    3.7     .4    5.5
     66:1489FHN8636005230. 512640.    0.    0.    .0   1.41   11.   15.    3.3     .3     .9
     67:1490FHN8636005570. 513910.   70.   75.    .1    .01   22.   11.    3.3     .6    1.7
     68:1491FHN8636003300. 519855.   31.   31.    .1   2.43   46.    9.    3.3     .6    9.1
     69:1492FHN8359951100. 527140.   74.  116.    .8    .01   24.  100.    3.1    1.0    7.2
     70:1493FHN8636003150. 537590.   22.   53.    .1    .01   12.   16.    1.4    1.3    5.7
     71:1494FHN8636006230. 523395.    0.    0.    .0   3.20   57.   16.    1.2     .3    5.5
     72:1495FHN8359990070. 509670.   37.  393.    .1    .01   11.   10.    2.7     .7    5.2
     73:1496FHN8359989850. 527770.   31.   45.    .1    .01   10.   18.    1.9    2.3   11.6
     74:1497FHN8359984070. 519530.   26.   54.    .1    .65    3.    9.    2.1    1.5   10.6
     75:1498FHN8459872550. 505730.    0.    0.    .0   4.90   77. 1100.   13.0     .5    1.9
     76:1499FHN8459871830. 509890.   27.   52.    .5    .01   26.   14.    1.2    2.0   14.4
     77:1500FHN8459935230. 523630.   47.  135.    .1    .01    5.   30.    2.6    3.3   21.5
     78:1126FHN8459954300. 537350.   34.  421.    .1    .01   21.   33.    2.8     .9    4.3
     79:1127FHN8459991250. 599490.   85.   53.    .9    .01    9.   23.    4.5    1.3   15.3
EOF:79
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END ED. NO CORRECTIONS APPLIED
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BBK2 RMSP10

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RUNID * PS USER ID * PS PART NUMBER * 00 INPUT DEVICE * EQ2138 OUTPUT DEVICE * RMSP10
FILE NAME * BKFIL$PS CREATED AT: 11:10:10 APR 09,1985 PRINTED AT: 11:11:53 APR 09,1985


```
@ED,R FHN-WINDEX.
READ-ONLY MODE
ED 16R1B RELEASE-TUE-04/09/85-11:10:11-(0,)
EDIT
0:
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		Cu F	Zn F	Ag F	Au F	W F	As F	Sb F	F WT.	C WT.	WI - HN FRAC
1:1051	FHN826014700 690860	1.83	2.92	.007	.428	2.38	1.15	.39	4.1	56.3	.0679
2:1052	FHN826009720 692590	1.44	2.16	.159	.001	.87	.50	.12	3.1	39.9	.0721
3:1053	FHN826010330 691610	3.34	7.23	.023	.306	1.67	3.62	.75	4.7	12.2	.2781
4:1054	FHN826014630 632200	10.90	11.72	.017	.002	1.32	6.94	.83	1.8	9.1	.1651
5:1055	FHN826001380 636900	2.08	3.92	.012	.001	4.16	1.59	1.02	3.0	21.5	.1224
6:1056	FHN825994400 672100	5.52	10.17	.029	.003	4.36	3.49	.78	3.4	3.3	.2906
7:1057	FHN825994720 671120	4.02	9.89	.031	.402	1.55	5.87	.53	15.8	35.3	.3092
8:1058	FHN825996100 667210	1.62	5.14	.015	.001	.44	.73	.22	4.2	24.4	.1469
9:1059	FHN826008450 668900	2.74	5.22	.012	.001	.37	1.62	.22	2.3	16.2	.1243
10:1060	FHN826022840 636380	4.41	7.42	.023	.002	1.62	2.32	.65	4.5	14.9	.2320
11:1061	FHN826028100 631390	.98	2.47	.007	.001	.98	.93	.20	4.8	59.2	.0750
12:1062	FHN826010500 678600	24.94	17.45	.156	.003	.94	6.23	3.74	2.4	5.3	.3117
13:1063	FHN826010510 679000	2.72	8.97	.008	.001	.64	2.32	.80	5.3	60.9	.0801
14:1064	FHN826002130 681400	2.63	4.63	.049	.001	2.54	2.54	.64	3.2	29.6	.0976
15:1065	FHN826003950 679000	23.36	22.75	.430	.003	11.07	27.97	9.22	7.5	16.9	.3074
16:1066	FHN826002520 678420	6.64	6.78	.014	.001	.72	2.31	.40	16.5	97.8	.1444
17:1067	FHN826016650 673930	3.42	4.36	.012	.044	.71	1.30	.54	3.7	27.7	.1178
18:1068	FHN826013570 681650	3.10	2.31	.033	.001	.26	.40	.40	2.0	28.3	.0660
19:1069	FHN826016100 632000	1.95	2.36	.007	.060	.74	.47	.36	1.4	19.4	.0673
20:1070	FHN826004680 676500	80.25	45.12	.586	.103	10.68	26.86	21.70	14.5	27.6	.3444
21:1071	FHN826006490 672540	3.03	6.62	.019	.002	.95	2.65	.74	7.4	31.7	.1893
22:1072	FHN826008530 678380	68.16	78.95	1.579	.103	7.63	89.47	31.58	2.0	5.6	.2632
23:1451	FHN836005480 677210	62.61	37.17	.704	5.478	32.48	36.00	17.22	4.5	7.0	.3913
24:1452	FHN836004220 678360	35.03	23.47	.892	.397	18.84	49.53	11.57	3.9	7.9	.3305
25:1453	FHN836004380 679000	15.69	18.02	.291	.067	19.47	12.79	5.81	3.4	8.3	.2906
26:1454	FHN836007900 677400	42.63	27.50	.450	.056	12.00	31.25	15.00	28.7	200.9	.1250
27:1455	FHN836006700 677400	56.05	34.07	.769	.074	6.05	34.07	21.98	40.7	329.6	.1099
28:1456	FHN836011200 675120	2.77	1.60	.044	.001	.44	.95	.47	2.8	35.6	.0729
29:1457	FHN836010300 668110	17.91	51.67	.051	.005	1.53	5.63	.51	11.0	10.5	.5116
30:1458	FHN836011060 667400	14.15	19.20	.960	.263	1.01	10.11	1.01	4.7	4.6	.5054
31:1459	FHN836000840 655000	5.74	6.04	.069	.178	.59	2.08	.76	2.8	25.5	.0989
32:1460	FHN835999690 659810	4.92	7.13	.017	.002	.85	1.36	.22	4.6	22.5	.1697
33:1461	FHN835998490 657880	15.04	17.55	.023	.002	.23	2.74	.25	3.1	10.5	.2279
34:1462	FHN835998050 658650	1.64	4.37	.077	.005	.44	1.75	.24	4.1	33.4	.1093
35:1463	FHN836001760 654000	6.94	17.26	.525	.002	.63	5.25	1.35	1.1	5.4	.1692
36:1464	FHN836002250 653930	18.31	22.13	.704	1.127	3.52	3.87	.70	2.5	4.6	.3521
37:1465	FHN836012000 654210	9.09	10.55	.073	.002	2.00	3.09	.93	2.0	9.0	.1818
38:1466	FHN836006220 674050	5.08	6.67	.102	.006	2.18	3.63	1.89	2.9	17.1	.1450
39:1467	FHN836007620 637690	7.70	14.19	.081	.004	8.11	6.48	1.09	9.2	13.5	.4053
40:1468	FHN836005800 641170	11.72	13.23	.132	.125	3.73	5.29	1.15	2.4	10.3	.1890
41:1469	FHN835998520 646580	6.42	16.33	.126	.053	1.40	4.05	.46	1.8	11.1	.1395
42:1470	FHN835996910 646590	.00	.00	.000	.346	2.68	.46	.11	.6	20.2	.0238
43:1471	FHN835999930 645540	6.19	18.40	.083	.248	2.30	7.08	.64	2.3	10.7	.1769
44:1472	FHN836002030 644230	1.26	3.48	.067	.001	.81	1.18	.20	4.5	56.3	.0740
45:1473	FHN836000970 644060	4.49	7.53	.053	.251	21.15	1.19	.42	2.3	15.1	.1322
46:1474	FHN835992700 650540	5.74	17.02	.249	.002	1.15	3.25	.67	5.7	24.1	.1913
47:1475	FHN836008000 633710	15.15	25.18	.225	.002	4.50	8.60	4.50	3.5	13.6	.2047
48:1476	FHN846005860 641270	12.38	13.13	.225	.004	3.00	8.63	2.06	3.6	6.0	.3750
49:1477	FHN846007350 642230	2.95	8.37	.025	.002	1.72	7.13	1.38	3.1	9.5	.2460
50:1478	FHN846007290 646500	10.82	8.24	.235	1.835	4.94	4.47	2.16	1.2	3.9	.2353
51:1479	FHN846002460 652910	10.85	24.50	.040	.004	3.62	18.08	2.37	4.7	7.0	.4017
52:1480	FHN846001250 653340	3.53	6.94	.012	.001	.82	1.76	.19	.8	6.0	.1176
53:1481	FHN846010950 640540	66.95	10.06	1.280	.713	3.66	2.38	.66	1.5	6.7	.1829
54:1482	FHN846006450 647050	5.30	7.21	.021	.002	.85	1.91	.63	3.9	14.5	.2120
55:1483	FHN846006850 648220	3.74	9.03	.218	.003	.62	2.18	.44	8.1	17.9	.3115
56:1484	FHN846007120 652190	17.83	18.74	.046	.087	1.37	6.86	.55	1.6	1.9	.4571
57:1485	FHN846020100 654270	23.43	73.22	2.331	7.029	.49	702.90	4.39	3.7	34.2	.0976
58:1486	FHN846005590 607950	.00	.00	.000	.012	1.47	.53	.24	.3	9.9	.0294
59:1487	FHN846006440 609910	.00	.00	.000	.008	3.13	183.91	1.43	.3	2.0	.1304
60:1488	FHN846005200 613280	.00	.00	.000	.004	1.83	1.90	.25	.4	5.5	.0678
61:1489	FHN846005230 613560	.00	.00	.000	.352	2.75	3.75	.83	.3	.9	.2500
62:1490	FHN846005570 615910	16.80	16.30	.024	.002	5.23	2.64	.79	.6	1.9	.2400
63:1491	FHN846002300 616850	2.78	7.25	.009	.215	4.12	.81	.30	.6	6.1	.0896
64:1492	FHN845995100 627160	9.02	14.15	.093	.001	2.93	12.20	.38	1.0	7.2	.1220
65:1493	FHN846002350 630590	3.57	8.61	.016	.002	1.95	2.60	.23	1.3	6.7	.1625
66:1494	FHN846002660 628380	.00	.00	.000	.300	4.75	1.33	.13	.5	5.5	.0833
67:1495	FHN845999070 609670	4.39	46.63	.012	.001	1.31	1.19	.32	.7	5.2	.1186
68:1496	FHN845999850 623700	5.13	7.45	.017	.002	1.65	2.98	.31	2.3	11.6	.1655
69:1497	FHN845994070 610500	3.22	6.69	.012	.082	.25	1.12	.26	1.5	10.6	.1240
70:1498	FHN845987250 605720	.00	.00	.000	1.021	16.04	229.17	3.75	.5	1.9	.2083
71:1499	FHN846012850 665880	3.29	6.34	.061	.001	3.17	1.71	.15	2.0	14.4	.1220
72:1500	FHN845995600 626920	4.48	12.71	.010	.001	.52	3.12	.27	2.5	21.5	.1042
73:4126	FHN845995420 627350	5.37	66.47	.016	.002	3.32	3.63	.44	.9	4.8	.1579
74:4127	FHN845991250 599490	2.68	5.63	.311	.001	.96	2.46	.43	1.8	15.0	.1071

```
EOF:74
0:
END ED. NO CORRECTIONS APPLIED
```

HN

13
1100
400
1600
$1600
800
800

WI
74

4000
$400
7500
6900
5000

-35 + 150
IP
IN
HM
HP
HN
CWT.

-150
IP
IN
HM
HP
HN

Best sam.)
~~IF SAMP. EQ. SAMP1~~
FLAG

265.14
10.5
60
155
215
220

265.41

360
448
264
1000.00

850
900
~~850~~ ~~400~~
50
50
1400

2200