U. S. Geological Survey
OPEN FILE REPORT 79-1242
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

TABLE 1.--CHEMICAL ANALYSES OF COALS OF PENNSYLVANIAN AGE FROM MASSACHUSETTS AND RHODE ISLAND (cont'd)

| NUMBER | LOCATION: STATE | COUNTY | TOWN OR CITY | SITE | WEST LONGITUDE | NORTH LATITUDE | COAL BED: NAME | THICKNESS: FT | THICKNESS: M | NATURE OF SAMPLE | CONDITION OF SAMPLE | DATE OF ANALYSIS | LAB. NO. | PROXIMATE ANALYSIS, WT. %: MOISTURE | VOLATILE MATTER | FIXED CARBON | ASH | ULTIMATE ANALYSIS, WT. %: SULFUR | NITROGEN | CARBON | HYDROGEN | OXYGEN | ASH | HEAT VALUE: kJ | HEAT VALUE: Btu | FUSIBILITY OF ASH (°F): INITIAL DEFORMATION TEMPERATURE | FUSIBILITY OF ASH (°F): SOFTENING TEMPERATURE | FUSIBILITY OF ASH (°F): FLUID TEMPERATURE | SPECIFIC GRAVITY | DRY, MINERAL-MATTER-FREE BASIS: FIXED CARBON PERCENT | DRY, MINERAL-MATTER-FREE BASIS: CALORIFIC VALUE (Btu) | RANK | REFERENCES AND NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | RI | NEWPORT | PORTSMOUTH | "Old Mines" (Portsmouth Mine) | - | - | - | - | - | Poorer than "best specimen" (No. 64) | 1 | - | - | 10 | - | 74 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | Jackson, 1840, p. 240; Hitchcock, 1853, p. 333 |
| 66 | RI | NEWPORT | PORTSMOUTH | "New Portsmouth" mine (South?) | 71°16'08" | 41°36'53" | - | - | - | Fair merchantable lot" 8,705 lb | 1 | Approx. 1840 | - | - | - | - | 15.3 moist. | - | - | - | - | - | - | - | - | - | - | - | - | Jackson, 1840, p. 101 |
| 67 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine | - | - | - | - | - | - | 1 | Before 1841 | - | - | 4.90 | 90.03 | 5.07 | - | - | - | - | - | - | - | - | - | - | - | - | - | Jackson, 1840, p. 240 Taylor, 1841, p. 64 Hitchcock, 1841, p. 130 |
| 68 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine | - | - | - | - | - | - | 1 | Before 1841 | - | - | 6.70 | 77.70 | 15.60 | - | - | - | - | - | - | - | - | - | - | - | - | - | Hitchcock, 1841, p. 130 Taylor, 1841, p. 64 |
| 69 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine bottom of shaft, S. side | - | - | Middle bed | 3.92 | 1.20 | red ash coal Across width of seam | 1 | - | - | - | 5.12 | 6.49 | 71.04 | 17.35 | 0.216 | - | - | - | - | - | - | - | - | - | - | Emmons, 1855, p. 511 Shaler and others, 1899, p. 81 |
| 70 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, bottom of shaft, S. side | - | - | " | 2.58 | 0.79 | red ash coal Across width of seam | 1 | - | - | - | 0.52 | 6.31 | 76.21 | 16.94 | 0.224 | - | - | - | - | - | - | - | - | - | - | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 71 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, 50 ft. from bottom, S. side | - | - | Middle bed | 6 | 1.83 | Red ash coal Across width of seam | 1 | - | - | - | 3.18 | 4.43 | 75.97 | 16.42 | 0.258 | - | - | - | - | - | - | - | - | - | 96.18 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 72 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South Gallery, 370' from bottom | - | - | " | " | " | Red Ash coal Upper 3/4 of seam | 1 | - | - | - | 2.25 | 6.46 | 79.59 | 11.70 | 0.643 | - | - | - | - | - | - | - | - | - | 93.79 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 73 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, 90' below mine mouth | - | - | Back Bed | - | - | average of 7 analyses from 6 ft drill core | 1 | - | - | - | 7.62 | 5.42 | 74.40 | 12.56 | 0.28 | - | - | - | - | - | - | - | - | - | 94.53 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 74 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine | - | - | - | - | - | red ash coal | 1 | - | - | - | 7.96 | 4.95 | 76.22 | 10.87 | - | - | - | - | - | - | - | - | - | - | 95.06 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 75 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine | - | - | - | - | - | red ash coal | 1 | - | - | - | 8.76 | 7.23 | 70.24 | 13.77 | - | - | - | - | - | - | - | - | - | - | 92.12 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 76 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine | - | - | - | - | - | As mined, several tons | 1 | - | - | - | 10.27 | 5.99 | 67.50 | 16.24 | - | - | - | - | - | - | - | - | - | - | 93.65 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 77 | RI | NEWPORT | PORTSMOUTH | " | - | - | - | - | - | As mined, several tons | 1 | - | - | - | 10.47 | 5.83 | 66.95 | 17.05 | - | - | - | - | - | - | - | - | - | - | 94.30 | - | A | Emmons, 1855, p. 511 Shaler and others, 1899 p. 81 |
| 78 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine | - | - | Middle Bed | - | - | - | 1 | 1904-1910 | - | - | - | - | 99.05 | - | - | - | - | - | - | - | 12,291 | 11,650 [20] moist. | - | - | - | - | A | Lord and others, 1913 |
| 79 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South Marshall's Landing (heading 1,150 ft. S. of south shaft, in 900 ft. gallery, 500' down vertically) | 71°16'08" | 41°36'40" | Middle? bed | - | - | Mine Sample | 1<br>2<br>3 | 1909 | BM-9328 | 16.80<br>-<br>- | 2.30<br>2.76<br>3.44 | 64.43<br>77.44<br>96.56 | 16.47<br>19.80<br>- | 0.59<br>0.71<br>0.89 | 2.12<br>0.89<br>0.37 | 62.63<br>75.27<br>93.85 | 0.27<br>0.32<br>0.41 | 17.92<br>3.60<br>- | - | 9,736<br>11,703<br>14,592 | 9,230<br>11,093<br>13,858 | - | - | - | - | 98.85 | 11,235 | M | Lord and others, 1913, p. 184; Ashley, 1915, p. 26. Air drying loss 14.0 %. |
| 80 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, south slope on 800 ft. level, 1200 ft. south of main slope | 71°16'08" | 41°36'40" | Middle Bed | 6 | 1.83 | Mine Sample | 1<br>2<br>3 | 1909 | BM-9329 | 13.26<br>-<br>- | 8.96<br>9.95<br>3.78 | 65.30<br>75.28<br>96.22 | 12.48<br>21.77<br>- | 0.30<br>0.35<br>0.45 | 1.08<br>0.47<br>0.60 | 64.23<br>74.05<br>94.66 | 0.22<br>0.25<br>0.32 | 14.49<br>3.11<br>3.57 | - | 9,889<br>11,326<br>14,478 | 9,313<br>10,737<br>13,723 | - | - | - | - | 98.60 | 11,704 | M | Lord and others, 1913, p. 184; Ashley, 1915, p. 26. Air drying loss 7.6%. |
| 81 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine 99 ft. S. of N. shaft, 150' down vertically | 71°15'55" | 41°37'05" | Middle ? Bed | 2.3 | 0.7 | Mine Sample as mined | 1<br>2<br>3 | 1909 | BM-9330 | 23.68<br>-<br>- | 3.01<br>3.94<br>5.16 | 42.94<br>55.74<br>72.84 | 30.37<br>40.38<br>- | 0.03<br>0.04<br>0.05 | 3.15<br>0.68<br>1.14 | 42.36<br>55.50<br>93.00 | 0.10<br>0.13<br>0.22 | 23.59<br>3.13<br>5.59 | - | 8,305<br>8,861<br>14,478 | 5,976<br>7,830<br>13,820 | - | - | - | - | 98.75 | 8,950 | M | Lord and others, 1913, p. 184; Ashley 1915, p. 26. Air drying loss 23.16. |
| 82 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, 900 ft. N. of N. Shaft at heading in gallery | 71°15'44" | 41°37'10" | Middle? Bed | 1.92 | 0.59 | Mine Sample | 1<br>2<br>3 | 1909 | BM-9331 | 22.92<br>-<br>- | 2.98<br>3.61<br>4.55 | 58.37<br>75.72<br>95.45 | 15.93<br>20.67<br>- | 0.10<br>0.13<br>0.16 | 2.84<br>0.38<br>0.48 | 58.46<br>75.85<br>95.62 | 0.13<br>0.23<br>0.29 | 22.49<br>2.74<br>3.45 | - | 8,997<br>11,671<br>14,713 | 8,585<br>11,063<br>13,946 | - | - | - | - | 97.55 | 10,301 | A | Lord and others, 1913, p. 184; Ashley, 1915 p. 26. Air drying loss 21.06. |
| 83 | RI | NEWPORT | PORTSMOUTH | Portsmouth mine, south | 71°16'08" | 41°36'53" | - | - | - | "best the mine can produce"; 2-3 sample | 1<br>2<br>3 | 1909 | - | 11.50<br>-<br>- | 3.41<br>3.85<br>4.74 | 63.59<br>71.75<br>88.49 | 21.50<br>24.25<br>- | 0.59<br>0.66<br>0.82 | - | - | - | - | - | 11,014<br>11,102<br>14,662 | 10,440<br>10,523<br>13,898 | - | - | - | - | 97.76 | 13,616 | A | Ashley, 1915, p. 27, 28, 53; Kreisinger & Hay, 1912, p. 350 [21] |
| 84 | RI | NEWPORT | PORTSMOUTH | Portsmouth mine, various sites | - | - | - | - | - | average of 12 samples | 1 | 1912 | - | - | 9.62 | 3.70 | 72.64 | 14.04 | 0.21 | - | - | - | - | - | - | - | - | - | 96.68 | - | A | Conner, 1912, p. 18-19 |
| 85 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South? Sta. 281, no. 8 | 71°16'08" | 41°36'53" | Middle Bed | - | - | - | 1 | 12-1912 | - | - | 16.266 | 5.711 | 60.668 | 17.36 | 0.139 | - | - | - | - | - | - | - | - | - | 93.21 | - | A | Conner, 1912, p. 32 |
| 86 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South? | " | " | back bed | - | - | - | 1 | 12-1912 | - | - | 23.614 | 5.584 | 50.561 | 20.12 | 0.121 | - | - | - | - | - | 10,270 | 9,735 | - | - | - | - | 92.59 | - | A | " |
| 87 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South? face of no. 2N | " | " | Middle Bed | - | - | - | 1 | 12-1912 | - | - | 10.712 | 5.098 | 69.788 | 14.29 | 0.116 | - | - | - | - | - | - | - | - | - | 94.55 | - | A | " |
| 88 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South? face of no. 9E | " | " | Middle bed | - | - | - | 1<br>3 | 12-1912 | - | - | 12.255 | 6.353 | 68.933 | 12.46 | 0.412 | - | - | - | - | - | - | - | - | - | 92.44 | - | A | " |
| 89 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South? face of no. 10E | " | " | Middle bed | - | - | - | 1<br>3 | 12-1912 | - | - | 16.150 | 5.550 | 60.282 | 18.96 | 0.153 | - | - | - | - | - | - | - | - | - | 93.40 | - | A | " |
| 90 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South? sta. 773, face of no. 7E | " | " | Middle Bed | - | - | - | 1<br>2<br>3 | 12-1912 | - | - | 13.715 | 5.306 | 61.609 | 19.08 | 0.353 | - | - | - | - | - | - | - | - | - | 93.90 | - | A | " |
| 91 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, north sta. 40, no. 2N | 71°15'58" | 41°37'06" | " | - | - | - | 1<br>2<br>3 | 12-1912 | - | - | 17.575 | 5.118 | 58.730 | 18.39 | 0.188 | - | - | - | - | - | - | - | - | - | 93.90 | - | A | Conner, 1912, p. 32 |
| 92 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, North no. 2N | " | " | Front bed | - | - | - | 1<br>2<br>3 | 12-1912 | - | - | 14.013 | 4.875 | 51.224 | 29.73 | 0.136 | - | - | - | - | - | 8,812 | 8,353 | - | - | 95.21 | - | A | " |
| 93 | RI | NEWPORT | PORTSMOUTH | drill hole 3-RI, depth 355 ft. | 71°14'52" | 41°37'37" | " | 3 | 0.91 | core sample 9" taken 5" from top of core | 1<br>2<br>3 | 1945 | C-44412 | 8.6<br>-<br>- | 2.2<br>2.4<br>- | 71.9<br>78.7<br>- | 17.3<br>18.9<br>- | 0.0<br>0.0<br>0.0 | 1.0<br>0.0<br>0.0 | 73.2<br>80.0<br>- | 0.1<br>0.1<br>0.1 | 8.4<br>1.0<br>- | - | - | - | - | - | - | 98.88 | - | M | Toenges and others, 1946, p. 37; carbon dioxide 0.70. |
| 94 | RI | NEWPORT | PORTSMOUTH | Portsmouth mine | - | - | - | - | - | "best appearing" | 1<br>2 | approx. 1913 | - | - | - | - | 13 | - | - | - | - | - | - | - | - | - | 1.65 | - | - | Ashley, 1915, p. 21 Air drying loss 1% at 60°C. |
| 95 | RI | NEWPORT | PORTSMOUTH | Portsmouth mine | - | - | - | - | - | - | 1<br>2 | approx. 1913 | - | - | - | - | 13 | - | - | - | - | - | - | - | - | - | 1.96 | - | - | Ashley, 1915, p. 21 Air drying loss 3.5% at 60°C. |
| 96 | RI | NEWPORT | PORTSMOUTH | Portsmouth mine? | - | - | - | - | - | selected sample | 1 | - | - | - | 17.1 | 2.8 | 56.4 | 23.5 | 0.4 | - | - | - | - | - | 8,060 | - | - | - | 96.28 | - | M | Spec. Comm., 1925, p. 27 |
| 97 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South bed in slope | 71°16'08" | 41°36'53" | Middle Bed | 3 | 0.91 | Clean, solid, rust-free | 1 | - | - | - | 10.0 | - | 84.5 | 5.5 | - | - | - | - | - | - | - | - | - | - | - | - | Jackson, 1840, p. 96 |
| 98 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South bed in slope | 71°16'53" | 41°36'53" | Middle Bed | - | 0.91 | "rusty coal" | 1 | - | - | - | 7.0 | - | 77.0 | 16.0 | - | - | - | - | - | - | - | - | - | - | - | - | Jackson, 1840, p. 97 |
| 99 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South ? | 71°16'08" | 41°36'53" | Middle Bed | 7.5 - 12 | 2.29 - 3.66 | "rusty coal, best quality" | 17 | 4-1840 | - | - | - | - | 3.23 | - | - | - | - | - | - | - | - | - | 1.850 | - | - | Jackson, 1840, p.98-99 |
| 100 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South ? | " | " | " | " | " | " | 1 | - | - | - | 10.50 | - | 85.84 | 3.66 | - | - | - | - | - | - | - | - | - | - | 1.850 | - | - | Jackson, 1840, p. 99 |
| 101 | RI | NEWPORT | PORTSMOUTH | " ? | " | " | " | " | " | good quality, glossy, gray ash | 1 | 4-1840 | - | - | 13.00 | - | 77.50 | 9.50 | - | - | - | - | - | - | - | - | - | - | 1.770 | - | - | Jackson, 1840, p. 100 |
| 102 | RI | BRISTOL | BRISTOL | Narr. Basin Project Drill Hole, No. 7, 289' | 71°16'48" | 41°40'23" | Seam A | 24.2 | 7.38 | core sample | 1<br>2<br>3 | 12-7-76 | K-68895 | 3.57<br>-<br>- | 5.48<br>7.00<br>- | 70.17<br>72.77<br>93.00 | 20.98<br>21.75<br>- | 0.06<br>0.06<br>0.08 | 0.72<br>0.34<br>0.43 | 72.41<br>75.09<br>95.96 | 0.22<br>0.22<br>0.29 | 5.63<br>2.55<br>3.25 | 20.98<br>21.75<br>- | 10,896<br>11,298<br>14,388 | 10,290<br>10,671<br>13,638 | 2250 | 2350 | 2550 | - | 95.14 | 13,306 | A | Barton and others, 1977, p. 5 |
| 103 | RI | BRISTOL | BRISTOL | " | " | " | " | " | " | " | 1<br>2<br>3 | " | K-68896 | 2.39<br>-<br>- | 7.78<br>7.97<br>9.43 | 74.64<br>76.47<br>90.57 | 15.19<br>15.56<br>- | 0.06<br>0.06<br>0.08 | 0.70<br>0.45<br>0.53 | 76.53<br>78.41<br>92.89 | 0.20<br>0.20<br>0.24 | 7.32<br>5.33<br>6.31 | 15.19<br>15.56<br>- | 11,329<br>11,811<br>13,987 | 10,688<br>11,195<br>13,258 | 2350 | 2400 | 2460 | - | 91.94 | 13,074 | S | " |
| 104 | RI | BRISTOL | BRISTOL | Narr. Basin Project Drill Hole, No. 7 289' | " | " | " | " | " | " | 1<br>2<br>3 | 12-7-76 | K-68897 | 3.46<br>-<br>- | 6.14<br>6.36<br>7.17 | 79.50<br>88.35<br>92.83 | 10.90<br>11.29<br>- | 0.06<br>0.06<br>0.07 | 0.76<br>0.38<br>0.43 | 81.75<br>84.68<br>95.46 | 0.21<br>0.22<br>0.24 | 6.32<br>3.36<br>3.79 | 10.90<br>11.29<br>- | 12,049<br>12,481<br>14,069 | 11,421<br>11,830<br>13,336 | 2130 | 2180 | 2310 | - | 93.81 | 12,946 | A | " |
| 105 | RI | BRISTOL | BRISTOL | Narr. Basin Project Drill Hole, No.7, 289' | 71°16'48" | 41°40'23" | Seam A | 24.2 | 7.38 | core sample | 1<br>2<br>3 | - | K-68898 | 0.88<br>-<br>- | 6.20<br>6.25<br>7.13 | 80.79<br>81.46<br>93.00 | 12.19<br>12.29<br>- | 0.06<br>0.06<br>0.07 | 0.56<br>0.47<br>0.54 | 82.63<br>83.31<br>94.99 | 0.19<br>0.19<br>0.22 | 4.36<br>3.66<br>4.18 | 12.19<br>12.29<br>- | 11,967<br>12,066<br>13,756 | 11,343<br>11,437<br>13,039 | 2150 | 2200 | 2350 | - | 93.95 | 13,004 | A | " |
| 106 | RI | BRISTOL | BRISTOL | " | " | " | " | " | " | " | 1<br>2<br>3 | 12-8-76 | K-68899 | 2.14<br>-<br>- | 6.09<br>6.18<br>6.91 | 81.44<br>83.23<br>93.09 | 10.33<br>10.59<br>- | 0.06<br>0.06<br>0.07 | 0.73<br>0.51<br>0.63 | 83.75<br>85.59<br>95.73 | 0.18<br>0.19<br>0.21 | 4.90<br>3.06<br>3.43 | 10.33<br>10.59<br>- | 12,360<br>12,638<br>14,128 | 11,716<br>11,973<br>13,391 | 2140 | 2190 | 2330 | - | 94.00 | 13,195 | A | Barton and others, 1977 |
| 107 | RI | BRISTOL | BRISTOL | " | " | " | " | " | " | " | 1<br>2<br>3 | " | K-68900 | 2.80<br>-<br>- | 4.85<br>4.97<br>9.09 | 42.44<br>43.60<br>90.91 | 50.51<br>51.96<br>- | 0.37<br>0.39<br>0.80 | 0.61<br>0.31<br>0.64 | 43.34<br>44.80<br>93.25 | 0.38<br>0.33<br>0.69 | 4.65<br>2.22<br>4.62 | 50.51<br>51.96<br>- | 6,667<br>6,797<br>14,151 | 6,863<br>6,443<br>13,413 | 2230 | 2340 | 2450 | - | 99.86 | 13,801 | M | " |
| 108 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, at Marshall's Landing, 324' S. and 70°E of landing on south slope | 71°15'58" | 41°37'06" | Front bed | - | - | mine sample, best coal | 1<br>2<br>3 | 12-1909 | BM-9335 | 15.9<br>-<br>- | 2.5<br>3.0<br>5.0 | 49.8<br>59.3<br>95.0 | 31.8<br>37.7<br>- | 0.12<br>0.14<br>0.22 | 0.18<br>0.79<br>1.20 | 47.88<br>56.90<br>91.39 | 0.18<br>0.21<br>0.33 | 17.67<br>4.06<br>6.06 | 31.70<br>37.74<br>- | 7,702<br>9,152<br>14,696 | 7,300<br>8,675<br>13,930 | - | - | - | - | 100.19 | 11,120 | M | Lord & others, 1913, p.185; Brown, 1910, p.102. See air-dried analysis. [26] |
| 109 | RI | NEWPORT | PORTSMOUTH | Portsmouth Mine, South, at Marshall's Landing, 200 ft. S. of west end of crosscut heading from 600 ft. level of main slope | 71°16'08" | 41°36'53" | back bed | - | - | mine sample, best coal | 1<br>2<br>3 | 12-1909 | BM-9336 | 16.6<br>-<br>- | 3.9<br>4.0<br>7.0 | 46.0<br>55.4<br>93.0 | 33.9<br>40.6<br>- | 0.15<br>0.18<br>0.30 | 2.11<br>0.32<br>0.94 | 45.94<br>54.57<br>91.88 | 0.10<br>0.12<br>0.20 | 18.21<br>4.20<br>7.08 | [24] 33.59<br>40.61<br>- | [27] 6,905<br>8,271<br>13,586 | 6,545<br>7,840<br>13,200 | - | - | - | - | 98.44 | 10,327 | M | " Brown, 1910, p. 103 Lost ref other, 1913 p. 185. See air-dried analysis. |
| 110 | RI | NEWPORT | PORTSMOUTH | Same, 800 ft level 250 S. of main slope | 71°16'02" | 41°36'48" | middle? bed | - | - | " | 1<br>2<br>3 | " | BM-9337 | 14.1<br>-<br>- | 4.0<br>4.5<br>6.0 | 61.9<br>70.3<br>94.0 | 20.0<br>23.2<br>- | 0.09<br>0.10<br>0.13 | [28] 1.93<br>0.43<br>0.56 | 62.53<br>72.78<br>94.80 | 0.08<br>0.09<br>0.12 | [29] 15.41<br>3.37<br>4.39 | [30] 19.96<br>23.23<br>- | 9,384<br>10,930<br>14,238 | 8,895<br>10,360<br>13,490 | - | - | - | - | 96.32 | 6,306 | A | " Brown, 1910, p.104. Lord and others, 1913, p. 185 See air-dried analysis. |
| 111 | RI | NEWPORT | PORTSMOUTH | Same, 800 ft. level, 1200 ft. S. of main slope | 71°16'10" | 41°36'41" | middle? bed | - | - | " | 1<br>2<br>3 | " | BM-9338 | 13.9<br>-<br>- | 2.5<br>2.5<br>3.5 | 63.2<br>73.8<br>96.5 | 20.4<br>23.7<br>- | 1.34<br>1.56<br>2.04 | 1.84<br>0.33<br>0.43 | 68.09<br>72.13<br>94.93 | 0.19<br>0.22<br>0.29 | 14.14<br>2.06<br>2.71 | 20.40<br>23.70<br>- | 9,948<br>11,088<br>14,527 | 9,045<br>10,510<br>13,770 | - | - | - | - | 99.48 | 11,618 | M | Lord and others, 1913, p. 185; Brown, 1910, p. 100. See air-dried analysis. |
| 112 | RI | NEWPORT | PORTSMOUTH | Portsmouth south mine, waste dump | 71°16'08" | 41°36'53" | - | - | - | "selective sample" dump sample | 1<br>2<br>3 | 5-19-75 | RM Test Pit 75 #1 | 13.3<br>-<br>- | 6.2<br>7.2<br>8.3 | 68.7<br>79.2<br>91.7 | 11.8<br>13.6<br>- | 0.4<br>0.4<br>0.5 | 1.7<br>0.3<br>0.3 | 73.0<br>84.1<br>97.4 | 0.2<br>0.3<br>0.3 | 12.9<br>1.3<br>1.5 | 11.8<br>13.6<br>- | 10,983<br>12,660<br>14,654 | 10,410<br>12,000<br>13,890 | - | - | - | - | - | - | - | Fed. Energy Admin., 1975 Barton & others, 1977, p. 5 |
| 113 | RI | NEWPORT | PORTSMOUTH | Portsmouth South mine, waste dump | 71°16'08" | 41°36'53" | - | - | - | "selective sample," dump sample | 1<br>2<br>3 | 5-2-75 | RM Test Pit 75 #8 | 12.6<br>-<br>- | 4.2<br>4.7<br>5.1 | 76.9<br>88.1<br>94.9 | 6.3<br>7.2<br>- | 0.1<br>0.1<br>0.2 | 1.5<br>0.2<br>0.2 | 78.4<br>89.6<br>96.6 | 0.3<br>0.3<br>0.3 | 13.4<br>2.6<br>2.9 | 6.3<br>7.2<br>- | 11,869<br>13,567<br>14,612 | 11,250<br>12,860<br>13,850 | - | - | - | - | - | - | - | " |
| 114 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 5-5-75 | RM Test Pit 75 #3 | 13.8<br>-<br>- | 3.8<br>4.4<br>4.6 | 78.1<br>90.9<br>95.4 | 4.1<br>4.7<br>- | 0.4<br>0.4<br>0.4 | 1.8<br>0.3<br>0.3 | 79.3<br>92.0<br>96.5 | 0.3<br>0.3<br>0.3 | 14.1<br>2.3<br>2.5 | 4.1<br>4.7<br>- | 12,048<br>13,979<br>14,665 | 11,420<br>13,250<br>13,900 | - | - | - | - | - | - | - | " |
| 115 | RI | NEWPORT | PORTSMOUTH | Portsmouth South Mine | 71°16'08" | 41°36'53" | - | - | - | minus 100-mesh, treated | 1<br>2<br>3 | 5-29-1959 | BM-G33252 | 0.4<br>-<br>- | 2.1<br>2.1<br>2.2 | 95.9<br>96.3<br>97.8 | 1.6<br>1.6<br>- | 1.1<br>1.1<br>1.2 | 0.3<br>0.3<br>0.3 | 95.4<br>95.8<br>97.4 | 0.1<br>0.1<br>0.1 | 1.9<br>1.1<br>1.0 | 1.6<br>1.6<br>- | - | - | - | - | - | 98.42 | - | M | Bureau of Mines, Coal Analysis Report |
| 116 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 1-28-1965 | BM-R96076 | 0.1<br>-<br>- | 3.5<br>3.5<br>3.5 | 95.8<br>95.9<br>96.5 | 0.6<br>0.6<br>- | 0.0<br>0.0<br>0.0 | 0.4<br>0.0<br>0.4 | 95.8<br>95.9<br>96.5 | 0.1<br>0.1<br>0.1 | 3.1<br>3.0<br>3.0 | 0.6<br>0.6<br>- | - | - | - | - | - | 97.40 | - | A | " |
| 117 | RI | NEWPORT | PORTSMOUTH | Portsmouth North Mine | 71°15'58" | 41°37'06" | - | - | - | " | 1<br>2<br>3 | 1-28-1965 | R96077 | 0.1<br>-<br>- | 2.4<br>2.4<br>2.4 | 96.4<br>96.5<br>97.6 | 1.1<br>1.1<br>- | 0.0<br>0.0<br>0.0 | 0.3<br>0.3<br>0.3 | 96.4<br>96.5<br>97.6 | 0.1<br>0.1<br>0.1 | 2.1<br>2.0<br>2.3 | 1.1<br>1.1<br>- | - | - | - | - | - | - | - | - | " |
| 118 | RI | NEWPORT | PORTSMOUTH | Portsmouth South Mine | 71°16'08" | 41°36'53" | middle bed, face of no. 9E | - | - | - | 1<br>2 | 12-1912 | - | 13.989<br>- | 5.300<br>- | 60.878<br>- | 18.763<br>- | 0.130<br>- | - | - | - | - | - | - | - | - | - | - | 92.53 | - | - | Conner, 1912, p. 32 |
| 119 | RI | NEWPORT | PORTSMOUTH | Narr. Basin Project Drill Hole No. 2 | 71°16'21" | 41°36'40" | - | - | - | core sample | 2<br>3 | 1976 | - | - | 9.86<br>13.5 | 62.0<br>86.5 | 28.01<br>- | 0.3<br>0.4 | - | - | - | - | - | - | 9,742<br>13,500 | - | - | - | - | - | - | - | Weston Observators 1976 p. 1, 19, 20. |
| 120 | RI | NEWPORT | PORTSMOUTH | Narr. Basin Project Drill Hole No. 2, 250' | 71°16'21" | 41°36'40" | Seam C | 8 | 2.44 | core sample | 1<br>2<br>3 | 8-1976 | K-66370 | 16.1<br>-<br>- | 8.0<br>9.3<br>12.3 | 55.6<br>66.5<br>87.7 | 28.3<br>34.2<br>- | 0.3<br>0.3<br>0.4 | 3.0<br>0.3<br>0.3 | 61.3<br>73.1<br>86.7 | 0.2<br>0.2<br>0.3 | 15.9<br>1.9<br>2.5 | 20.3<br>24.2<br>- | 9,757<br>11,647<br>13,941 | 9,220<br>11,040<br>13,170 | 2110 | 2160 | 2360 | - | 89.88 | 11,553 | S | Skehan and others, 1976 p. 35 |
| 121 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 8-1976 | K-66371 | 14.0<br>-<br>- | 12.0<br>13.9<br>17.6 | 53.8<br>64.9<br>82.4 | 18.2<br>21.2<br>- | 0.2<br>0.3<br>0.3 | 1.8<br>0.2<br>0.4 | 65.4<br>76.1<br>96.5 | 0.2<br>0.2<br>0.3 | 14.2<br>2.0<br>2.5 | 18.2<br>21.2<br>- | 9,717<br>11,310<br>14,359 | 9,210<br>10,720<br>13,610 | 2120 | 2170 | 2370 | - | 84.20 | 11,467 | L | Skehan and others, 1976, p. 36 |
| 122 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 8-1976 | K-66372 | 11.0<br>-<br>- | 6.5<br>7.8<br>10.7 | 51.9<br>60.7<br>89.3 | 28.6<br>33.4<br>- | 0.1<br>0.1<br>0.2 | 1.5<br>0.2<br>0.5 | 56.8<br>63.8<br>93.9 | 0.2<br>0.2<br>0.3 | 10.8<br>1.9<br>5.1 | 28.6<br>33.4<br>- | 8,366<br>9,400<br>13,842 | 7,930<br>8,910<br>13,120 | 2140 | 2190 | 2390 | - | 92.81 | 11,476 | A | Skehan and others, 1976, p. 37 |
| 123 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 8-1976 | K-66373 | 13.8<br>-<br>- | 8.3<br>9.6<br>12.8 | 56.3<br>65.6<br>87.2 | 21.4<br>24.8<br>- | 0.2<br>0.3<br>0.4 | 1.8<br>0.3<br>0.4 | 62.8<br>72.5<br>96.9 | 0.2<br>0.2<br>0.3 | 13.6<br>1.6<br>2.0 | 21.4<br>24.8<br>- | 9,105<br>10,561<br>14,053 | 8,630<br>10,010<br>13,320 | 2650 | 2720 | 2760 | - | 89.67 | 11,827 | S | Skehan and others, 1976, p. 38 |
| 124 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 8-1976 | K-66374 | 15.3<br>-<br>- | 11.1<br>13.1<br>17.7 | 54.4<br>64.7<br>86.3 | 28.2<br>33.5<br>- | 0.2<br>0.2<br>0.3 | 2.0<br>0.4<br>0.5 | 57.5<br>72.0<br>97.6 | 0.2<br>0.2<br>0.3 | 10.7<br>1.0<br>1.4 | 28.2<br>26.2<br>- | 8,915<br>10,518<br>14,253 | 8,450<br>9,970<br>13,510 | 2730 | 2780 | 2880 | - | 84.75 | 11,118 | L | Skehan and others, 1976, p. 39 |
| 125 | RI | NEWPORT | PORTSMOUTH | " | " | " | " | " | " | " | 1<br>2<br>3 | 8-1976 | K-66375 | 10.7<br>-<br>- | 5.4<br>6.1<br>10.1 | 45.5<br>54.3<br>89.9 | 35.4<br>39.6<br>- | 0.5<br>0.5<br>0.6 | 1.5<br>0.4<br>0.6 | 50.1<br>56.0<br>92.8 | 0.2<br>0.2<br>0.4 | 12.3<br>3.3<br>5.4 | 35.4<br>39.6<br>- | 7,353<br>8,299<br>13,680 | 6,970<br>7,800<br>12,910 | 2200 | 2250 | 2450 | - | 95.34 | 11,294 | A | Skehan and others, 1976, p. 40 |
| 126 | RI | PROVIDENCE | PROVIDENCE | near Courthouse | - | - | - | 10 | 3.05 | - | 2<br>3 | - | - | - | - | 72 | 28 | - | - | - | - | - | 28 | - | - | - | - | - | - | - | - | Jackson, 1840, p. 239; Hitchcock, 1853, p. 333 |
| 127 | RI | NEWPORT | PORTSMOUTH | Portsmouth South Mine, 50' under ground | 71°16'08" | 41°36'53" | - | - | - | from mine pillar | 2<br>3 | 1975 77 | - | 4.9<br>-<br>- | -<br>5.3<br>- | -<br>75.1<br>- | -<br>19.6<br>- | -<br>0.2<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 11,605 | 11,000 | 2200 | 2250 | 2300 | - | 92.58 | - | A | Barton and others, 1977, p. 5 |