# MARINE GEOLOGICAL STUDIES IN THE EASTERN IRISH SEA AND ADJACENT ESTUARIES, WITH SPECIAL REFERENCE TO SEDIMENTATION IN LIVERPOOL BAY AND RIVER MERSEY.

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VOLUME TWO

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|---|---|---|
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| Sample No. | Location | Decca Hi-Fix Pattern I Red | Decca Hi-Fix Pattern II Green | National Grid |
|---|---|---|---|---|
| B1 | | | | SH783826 |
| B2 | | | | SH783827 |
| B3 | | | | SH784827 |
| B4 | | | | SH796822 |
| B5 | | | | SH796822 |
| B6 | | | | SH796823 |
| B7 | | | | SH826817 |
| B8 | | | | SH826818 |
| B9 | | | | SH827819 |
| B10 | | | | SH843801 |
| B11 | | | | SH844801 |
| B12 | | | | SH845801 |
| B13 | | | | SH858789 |
| B14 | | | | SH858790 |
| B15 | | | | SH859791 |
| B16 | | | | SJ907787 |
| B17 | | | | SJ907787 |
| B18 | | | | SJ907788 |
| B19 | | | | SJ941786 |
| B20 | | | | SJ941788 |
| B21 | | | | SJ940789 |
| B22 | | | | SJ985807 |
| B23 | | | | SJ984808 |
| B24 | | | | SJ983809 |
| B25 | | | | SJ047833 |
| B26 | | | | SJ047834 |
| B27 | | | | SJ046836 |
| B28 | | | | SJ117853 |
| B29 | | | | SJ116854 |
| B30 | | | | SJ116857 |
| B31 | | | | SD341191 |
| B32 | | | | SD339192 |
| B33 | | | | SD336194 |
| B34 | | | | SD328180 |
| B35 | | | | SD327181 |
| B36 | | | | SD325182 |
| B37 | | | | SD318164 |
| B38 | | | | SD317165 |
| B39 | | | | SD312167 |

| | | |
|---|---|---|
| B40 | | SD306171 |
| B41 | | SD298129 |
| B42 | | SD297130 |
| B43 | | SD294132 |
| B44 | | SD290134 |
| B45 | | SD274081 |
| B46 | | SD272082 |
| B47 | | SD271082 |
| B48 | | SD268082 |
| B49 | | SD266083 |
| B50 | | SD272065 |
| B51 | | SD271064 |
| B52 | | SD268062 |
| B53 | | SD265061 |
| B54 | | SD263059 |
| B55 | | SJ307991 |
| B56 | | SJ304990 |
| B57 | | SJ303988 |
| B58 | | SJ301987 |
| B59 | | SJ214894 |
| B60 | | SJ212896 |
| B61 | | SJ210899 |
| B62 | | SJ257917 |
| B63 | | SJ255919 |
| B64 | | SJ255923 |
| B65 | | SJ289938 |
| B66 | | SJ288940 |
| B67 | | SJ286943 |
| B68 | | SJ284946 |
| B69 | | |
| B70 | | |
| B71 | South Shore, Blackpool | |
| B72 | | |
| B73 | | SJ131584 |
| B74 | | SJ137614 |
| B75 | | SJ121645 |
| B76 | | SH628796 |
| B77 | | SH528800 |
| B78 | | SH534821 |
| B79 | | SH532814 |
| B80 | | SJ315966 |
| B81 | | SJ317966 |
| B82 | | SJ318967 |
| B83 | | SJ323968 |
| B84 | | SJ307975 |

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|---|---|
| B85 | SJ310978 |
| B86 | SJ313981 |
| B87 | SJ297990 |
| B88 | SJ301992 |
| B89 | SJ304994 |
| B90 | SD293007 |
| B91 | SD298009 |
| B92 | SD296025 |
| B93 | SD296020 |
| B94 | SD291006 |
| B95 | SD275049 |
| B96 | SD277050 |
| B97 | SD280053 |
| B98 | SD278031 |
| B99 | SD283035 |
| B100 | SD289040 |
| B101 | SD256065 |
| B102 | SD264066 |
| B103 | SD269067 |
| B104 | SD261085 |
| B105 | SD268083 |
| B106 | SD271083 |
| B107 | SD270089 |
| B108 | SD267102 |
| B109 | SD273099 |
| B110 | SD276098 |
| B111 | SD274106 |
| B112 | SD277104 |
| B113 | SD278103 |
| B114 | SD285122 |
| B115 | SD287121 |
| B116 | SD289119 |
| B117 | SD296145 |
| B118 | SD300142 |
| B119 | SD303140 |
| B120 | SD302159 |
| B121 | SD307157 |
| B122 | SD310154 |
| B123 | SD312172 |
| B124 | SD316170 |
| B125 | SD318168 |
| B126 | SD324182 |
| B127 | SD326181 |
| B128 | SD327180 |

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|---|---|---|
| B129-B155 | | SJ304944 |
| B156 | | SD283022 |
| B157 | | SJ297944 |
| B158 | | SJ297944 |
| B159 | | SJ297942 |
| B160 | | SJ282936 |
| B161 | | SJ283935 |
| B162 | | SJ284934 |
| B163 | | SJ268926 |
| B164 | | SJ270925 |
| B165 | | SJ271923 |
| B166 | | SJ254920 |
| B167 | | SJ255918 |
| B168 | | SJ256917 |
| B169 | | SJ238920 |
| B170 | | SJ240915 |
| B171 | | SJ241912 |
| B172 | | SJ220917 |
| B173 | | SJ224909 |
| B174 | | SJ227905 |
| B175 | | SJ203903 |
| B176 | | SJ208899 |
| B177 | | SJ213893 |
| B178 | | SJ194877 |
| B179 | | SJ200878 |
| B180 | | SJ207880 |
| B181 | | SJ205863 |
| B182 | | SJ207864 |
| B183 | | SJ209865 |
| B184 - B231 not used | | |
| B232 | | SJ220851 |
| B233 | | SJ219851 |
| B234 | | SJ217849 |
| 64M1 | 4.01 | SJ33659035 |
| M2 | 4.E | SJ32858990 |
| M3 | 4.9 | SJ32908995 |
| M4 | 1.84 | SJ31309445 |
| M5 | 1.8 | SJ31359450 |
| M6 | 1.7 | SJ31459460 |
| M7 | 1.6 | SJ31659470 |
| M8 | 1.01 | SJ32409515 |
| M9 | 1.1 | SJ32309510 |
| M10 | 4.1 | SJ33559030 |
| M11 | 4.2 | SJ33459025 |

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|---|---|---|---|---|
| M12 | 4.3 | | | SJ33409020 |
| M13 | 4.8 | | | SJ32958995 |
| M14 | 1.2 | | | SJ32159500 |
| M15 | 1.3 | | | SJ32059495 |
| M16 | 2.05 | | | SJ33009370 |
| M17 | 2.1 | | | SJ32959365 |
| M18 | 2.88 | | | SJ31759290 |
| M19 | 2.78 | | | SJ31909300 |
| M20 | 2.7 | | | SJ32009305 |
| M21 | 2.6 | | | SJ32209320 |
| M22 | 2.5 | | | SJ32359325 |
| M23 | 2.4 | | | SJ32509340 |
| M24 | 4.7 | | | SJ33059000 |
| M25 | 4.6 | | | SJ33109005 |
| M26 | 4.5 | | | SJ33209010 |
| M27 | 4.4 | | | SJ33309015 |
| M28 | 4.34 | | | SJ33359020 |
| M29 | 3.3 | | | SJ33009185 |
| M30 | 3.4 | | | SJ32909180 |
| M31 | 3.5 | | | SJ32809170 |
| M32 | 3.6 | | | SJ32659165 |
| M33 | 3.2 | | | SJ33109190 |
| M34 | 2.2 | | | SJ32809355 |
| M35 | 2.3 | | | SJ32659345 |
| M36 | J.4 | 11940 | 14367 | |
| M37 | K.5 | 11892 | 17387 | |
| M38 | H.6 | 12302 | 12185 | |
| M39 | H.5 | 13145 | 11096 | |
| M40 | G.4 | 13185 | 08755 | |
| M41 | F.4 | 11858 | 07435 | |
| M42 | F.3 | 12232 | 06957 | |
| M43 | E.3 | 10310 | 05862 | |
| M44 | D.3 | 08482 | 04850 | |
| M45 | C.3 | 06690 | 03706 | |
| M46 | B.2 | 04917 | 02128 | |
| M47 | A.3 | 03119 | 01074 | |
| M48 | 1.5 | | | SJ31759475 |
| M49 | 1.4 | | | SJ31909485 |
| M50 | 3.7 | | | SJ32559160 |
| M51 | 3.8 | | | SJ32459150 |
| M52 | 5.9 | | | SJ33258825 |
| M53 | 5.8 | | | SJ33358835 |
| M54 | 5.5 | | | SJ33708860 |
| M55 | 5.4 | | | SJ33858865 |
| M56 | 5.3 | | | SJ33958870 |

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|---|---|---|---|---|
| M57 | 5.6 | | | SJ33608850 |
| M58 | 5.7 | | | SJ33508840 |
| M59 | 6.4 | | | SJ34558725 |
| M60 | 6.5 | | | SJ34458715 |
| M61 | P.9 | 11556 | 28542 | |
| M62 | P.10 | 10220 | 36690 | |
| M63 | P.11 | 09320 | 45620 | |
| M64 | P.12 | 08675 | 54840 | |
| M65 | P.13 | 08220 | 64150 | |
| M66 | P.14 | 08004 | 69091 | |
| M67 | N.23 | | | SH75108505 |
| M68 | N.22 | 07910 | 66000 | |
| M69 | N.21 | 08010 | 63070 | |
| M70 | N.20 | 08050 | 62200 | |
| M71 | N.19 | 08090 | 61110 | |
| M72 | N.18 | 08270 | 57210 | |
| M73 | N.17 | 08750 | 48530 | |
| M74 | N.16 | 09660 | 37740 | |
| M75 | N.15 | 10600 | 30910 | |
| M76 | N.14 | 11900 | 24640 | |
| M77A)<br>M77B) | P.8 | 13450 | 21480 | |
| M78 | M.7 | 18500 | 13250 | |
| M79 | 1a.6 | | | SJ31859445 |
| M80 | 1a.4 | | | SJ32109460 |
| M81 | 1a.2 | | | SJ32359480 |
| M82 | 1b.6 | | | SJ31959415 |
| M83 | 1b.2 | | | SJ32459445 |
| M84 | 1b.4 | | | SJ32209430 |
| M85 | 1c.4 | | | SJ32309400 |
| M86 | 1d.4 | | | SJ32409370 |
| M87 | 1c.2 | | | SJ32609415 |
| M88 | 6.3 | | | SJ34708730 |
| M89 | 6.1 | | | SJ34908745 |
| M90 | 6.0 | | | SJ35008750 |
| M91 | 6.2 | | | SJ34758740 |
| M92 | 9.1 | | | SJ38808430 |
| M93 | 9.2 | | | SJ38508410 |
| M94 | 9.3 | | | SJ38208390 |
| M95 | 9.4 | | | SJ37958375 |
| M96 | 9.5 | | | SJ36758350 |
| M97 | 9.6 | | | SJ37358335 |
| M98 | 9.7 | | | SJ37058315 |
| M99 | 9.8 | | | SJ36808300 |
| M100 | 8.44 | | | SJ36858490 |

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|---|---|---|---|---|
| M101 | 8.5 | | | SJ36658480 |
| M102 | 8.6 | | | SJ36458465 |
| M103 | 8.7 | | | SJ36208450 |
| M104 | 8.8 | | | SJ36008435 |
| M105 | 8.9 | | | SJ35808420 |
| M106 | 7.7 | | | SJ35158575 |
| M107 | 7.6 | | | SJ35358585 |
| M108 | 7.5 | | | SJ35508595 |
| M109 | M.8 | 12300 | 21210 | |
| M110 | M.9 | 10750 | 27260 | |
| M111 | M.10 | 09680 | 34030 | |
| M112 | M.11 | 08770 | 44810 | |
| M113 | M.12 | 08060 | 55700 | |
| M114 | M.13 | 07900 | 59590 | |
| M115 | M.14 | 07750 | 63440 | |
| M116 | M15 | 07620 | 67610 | |
| M117 | L.17 | 07400 | 66290 | |
| M118 | L.16 | 07540 | 61830 | |
| M119 | L.15 | 07670 | 58000 | |
| M120 | L.14 | 07740 | 56060 | |
| M121 | L.13 | 07820 | 54150 | |
| M122 | L.12 | 08090 | 48500 | |
| M123 | L.11 | 08350 | 43970 | |
| M124 | L.10 | 08610 | 40320 | |
| M125 | L.9 | 08940 | 36520 | |
| M126 | L.8 | 09770 | 29550 | |
| M127 | L.7 | 11090 | 22920 | |
| M128 | L.6 | 11950 | 19970 | |
| M129 | L.5 | 12970 | 17330 | |
| M130 | L.4 | 14180 | 14840 | |
| M131 | L.3 | 15370 | 12830 | |
| M132 | K.6 | 11530 | 18780 | |
| M133 | K.7 | 11060 | 20190 | |
| M134 | K.8 | 10620 | 21790 | |

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|---|---|---|---|
| M135 | K.9 | 10260 | 23330 |
| M136 | K.10 | 25000 | 09920 |
| M137 | K.11 | 08480 | 36510 |
| M138 | K.12 | 17800 | 47360 |
| M139 | K.13 | 07630 | 51090 |
| M140 | K.14 | 07560 | 52920 |
| M141 | K.15 | 07480 | 54800 |
| M142 | K.16 | 07420 | 56770 |
| M143 | K.17 | 07320 | 60000 |
| M144 | K.18 | 07250 | 62140 |
| K145 | K.19 | 07200 | 63900 |
| M146 | J.18 | 07070 | 58910 |
| M147 | J.17 | 07170 | 55230 |
| M148 | J.16 | 07230 | 53390 |
| M149 | J.15 | 07290 | 51500 |
| M150 | J.14 | 07360 | 49610 |
| M151 | J.13 | 07430 | 47720 |
| M152 | J.12 | 07510 | 45780 |
| M153 | J.11 | 07600 | 43960 |
| M154 | J.10 | 07700 | 42000 |
| M155 | J.9 | 07900 | 38390 |
| M156 | J.8 | 18480 | 31050 |
| M157 | J.7 | 09130 | 25700 |
| M158 | J.6 | 10080 | 20760 |
| M159 | J.5 | 10890 | 17780 |
| M160 | H.7 | 11450 | 13560 |
| M161 | H.8 | 11130 | 14240 |
| M162 | H.9 | 10840 | 14920 |
| M163 | H.10 | 10390 | 16140 |
| M164 | H.11 | 09870 | 17820 |
| M165 | G.8 | 09570 | 15080 |
| M166 | H.12 | 18820 | 22700 |
| M167 | H.13 | 08370 | 26120 |
| M168 | H.14 | 08000 | 29810 |

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|---|---|---|---|
| M169 | H.15 | 07620 | 35270 |
| M170 | H.16 | 07130 | 46410 |
| M171 | H.17 | 07070 | 48300 |
| M172 | H.18 | 07000 | 50230 |
| M173 | H.19 | 06910 | 53890 |
| M174 | H.20 | 06840 | 56400 |
| M175 | G.15 | 06660 | 51080 |
| M176 | G.13 | 06960 | 39910 |
| M177 | G.12 | 07400 | 30650 |
| M178 | G.11 | 08040 | 23310 |
| M179 | G.10 | 08510 | 19880 |
| M180 | G.9 | 08800 | 18260 |
| M181 | G.7 | 10650 | 12270 |
| M182 | F.8 | 09650 | 10860 |
| M183 | F.9 | 09110 | 12320 |
| M184 | F.10 | 08680 | 13760 |
| M185 | F.11 | 08310 | 15440 |
| M186 | F.12 | 08000 | 17120 |
| M187 | F.13 | 07760 | 18830 |
| M188 | F.14 | 07390 | 22350 |
| M189 | E.12 | 06950 | 18020 |
| M190 | E.11 | 07120 | 16270 |
| M191 | E.10 | 07310 | 14600 |
| M192 | E.9 | 07680 | 12350 |
| M193 | N.10 | 14620 | 16820 |
| M194 | M.6 | 13785 | 17290 |
| M195 | F.5 | 14310 | 16120 |
| M196 | F.4 | 15250 | 14060 |
| M197 | F.3 | 15825 | 12320 |
| M198 | N.8 | 15845 | 13110 |
| M199 | N.9 | 15380 | 14860 |
| M200 | N.11 | 14130 | 18000 |
| M201 | N.12 | 13650 | 19200 |

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| M202 | N.13 | 12760 | 21800 |
| M203 | P.7 | 14510 | 18400 |
| M204 | P.6 | 15400 | 15840 |
| M205 | P.5 | 15740 | 14530 |
| M206 | P.4 | 15855 | 13850 |
| M207 | D.11 | 06370 | 12870 |
| M208 | D.10 | 06550 | 11150 |
| M209 | D.9 | 06760 | 09600 |
| M210 | D.8 | 07060 | 08090 |
| M211 | E.7 | 08300 | 09870 |
| M212 | E.8 | 07900 | 11340 |
| M213 | C.8 | 05360 | 09630 |
| M214 | B.6 | 04000 | 04660 |
| M215 | F.21 | 06400 | 48280 |
| M216 | F.19 | 06550 | 40820 |
| M217 | F.17 | 06700 | 35300 |
| M218 | F.15 | 07120 | 25920 |
| M219 | S.3 | 13340 | 26860 |
| M220 | S.4 | 12100 | 32710 |
| M221 | S.5 | 11090 | 39050 |
| M222 | S.6 | 10290 | 45670 |
| M223 | T.11 | 10350 | 47760 |
| M224 | T.10 | 10720 | 44440 |
| M225 | T.9 | 11120 | 41190 |
| M226 | T.8 | 11590 | 37900 |
| M227 | T.7 | 12080 | 34810 |
| M228 | T.6 | 12630 | 31840 |
| M229 | T.5 | 13230 | 29000 |
| M230 | T.4 | 13840 | 26320 |
| M231 | T.3 | 14430 | 23930 |
| M232 | T.2 | 15000 | 21650 |
| M233 | T.1 | 15450 | 19600 |
| M234 | S.1 | 15635 | 17750 |

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| M235 | S.2 | 14640 | 21940 |
| M236 | Q.6 | 13650 | 22500 |
| M237 | Q.7 | 12880 | 25200 |
| M238 | Q.8 | 12190 | 28070 |
| M239 | Q.9 | 11550 | 31210 |
| M240 | Q.10 | 10980 | 34420 |
| M241 | Q.11 | 10500 | 37760 |
| M242 | Q.12 | 10090 | 41210 |
| M243 | Q.13 | 09730 | 44770 |
| M244 | Q.14 | 09410 | 48340 |
| M245 | R.6 | 10210 | 43380 |
| M246 | R.5 | 11060 | 36600 |
| M247 | R.4 | 12170 | 30310 |
| M248 | R.3 | 13500 | 24630 |
| M249 | R.2 | 14880 | 19840 |
| M250 | R.1 | 15795 | 16000 |
| M251 | Q.2 | 15905 | 14300 |
| M252 | Q.3 | 15650 | 15940 |
| M253 | Q.4 | 15150 | 17830 |
| M254 | Q.5 | 14420 | 20140 |
| M255 | 1c.6 | | SJ32009380 |
| M256 | 2a.6 | | SJ32259285 |
| M257 | 2a.2.8 | | SJ32759315 |
| M258A<br>M258B | 2b.4<br>2b.4.1 | | SJ32659275 |
| M259 | 2b.6 | | SJ32409255 |
| M260A<br>M260B | 2c.6<br>2c.6 | | SJ32459220 |
| M261 | 2c.4 | | SJ32759240 |
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| M263 | 2d.3.8 | | SJ32809205 |
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| M268 | 6a.6 | SJ34558685 |
| M269 | 6a.8 | SJ34308670 |
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| M276 | 7.2 | SJ36008625 |
| M277 | 7.1 | SJ36158635 |
| M278 | 7.03 | SJ36308645 |
| M279 | 7a.2 | SJ36258605 |
| M280 | 7a.4 | SJ35908580 |
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| M282 | 7a.8 | SJ35208535 |
| M283 | 7b.8 | SJ35408510 |
| M284 | 7b.6 | SJ35808535 |
| M285 | 7b.4 | SJ36158560 |
| M286 | 7b.2 | SJ36558585 |
| M287 | 7c.4 | SJ36458540 |
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| M289 | 7c.8 | SJ35608490 |
| M290 | 7d.8 | SJ35858465 |
| M291 | 7d.6 | SJ36258490 |
| M292 | 6c.8 | SJ34658615 |
| M293 | 6c.6 | SJ34958635 |
| M294 | 6c.4 | SJ35208650 |
| M295 | 6d.4 | SJ35458625 |
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| M298 | 5a.8 | SJ33508805 |
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| M301 | 5b.4 | SJ34108805 |

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| M303 | 5b.8 | SJ33708780 |
| M304 | 5c.8 | SJ33858755 |
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| M306 | 5c.4 | SJ34258780 |
| M307 | 5c.2 | SJ34508795 |
| M308 | 5d.3.4 | SJ34408750 |
| M309 | 5d.6 | SJ34208740 |
| M310 | 5d.8 | SJ34008725 |
| M311 | 5d.2 | SJ34658765 |
| M312 | 5b.2 | SJ34308820 |
| M313 | 5a.2 | SJ34208850 |
| M314 | 5.2 | SJ34058875 |
| M315 | 4d.2 | SJ33958905 |
| M316 | 6c.2 | SJ35503670 |
| M317 | 6d.2 | SJ35758645 |
| M318 | 7c.2 | SJ36808565 |
| M319 | 7d.4 | SJ36708515 |
| M320 | 10.9 | SJ37158135 |
| M321 | near M99 between Garston and Eastham line | SJ36658305 |
| M322 | 3a.4 | SJ33009145 |
| M323 | 3a.6 | SJ32859135 |
| M324 | 3b.6 | SJ32909105 |
| M325 | 3b.4 | SJ33059110 |
| M326 | 3b.2 | SJ33209125 |
| M327 | 3c.2 | SJ33259090 |
| M328 | 3c.8 | SJ32859060 |
| M329 | 3c.4 | SJ33159080 |
| M330 | 3c.6 | SJ32959070 |
| M331 | 1d.2 | SJ32709385 |
| M332 | 2a.2 | SJ32859320 |
| M333 | 2a.4 | SJ32559305 |
| M334 | 2b.2 | SJ32959290 |

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| M335 | 4d.8 | | | SJ33308865 |
| M336 | 4c.8 | | | SJ33258900 |
| M337 | 4b.8 | | | SJ33208935 |
| M338 | 4a.8 | | | SJ33058965 |
| M339 | 3d.8 | | | SJ32859025 |
| M340 | 3b.8 | | | SJ32709095 |
| M341 | 3a.8 | | | SJ32659125 |
| M342 | 2d.8 | | | SJ32309160 |
| M343 | 2c.8 | | | SJ32209205 |
| M344 | 3.1 | | | SJ33209195 |
| M345 | 2b.8 | | | SJ32109240 |
| M346 | 2a.8 | | | SJ32009270 |
| M347 | 1d.8 | | | SJ31759325 |
| M348 | 1a.0 | | | SJ32609495 |
| M349 | 2a.0 | | | SJ33109340 |
| M350 | 2d.0 | | | SJ33209235 |
| M351 | 3a.2 | | | SJ33159155 |
| M352 | 4c.2 | | | SJ33908940 |
| M353 | 4b.2 | | | SJ33808970 |
| M354 | 4b.4 | | | SJ33608960 |
| M355 | 4d.4 | | | SJ33708895 |
| M356 | 4d.6 | | | SJ33508885 |
| M357 | 4c.6 | | | SJ33509915 |
| M358 | 4c.4 | | | SJ33658930 |
| M359 | 4b.6 | | | SJ33408950 |
| M360 | 4a.6 | | | SJ33259975 |
| M361 | 4a.4 | | | SJ33408985 |
| M362 | 4a.2 | | | SJ33608995 |
| M363 | 3d.6 | | | SJ33009035 |
| M364 | 3d.2 | | | SJ33359055 |
| M365 | F.22 | 63220 | 53480 | |
| M366 | G.16 | 65520 | 56260 | |
| M367 | H.20 | 68250 | 56900 | |

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| M368 | J.19 | 70210 | 60610 |
| M369 | E.24 | 60530 | 51000 |
| M370 | E.23 | 60780 | 48710 |
| M371 | D.21 | 57730 | 46140 |
| M372 | E.22 | 61080 | 45830 |
| M373 | D.20 | 57860 | 42500 |
| M374 | D.19 | 58050 | 38870 |
| M375 | E.21 | 61680 | 40250 |
| M376 | E.16 | 65190 | 25330 |
| M377 | E.17 | 64470 | 27220 |
| M378 | E.18 | 63780 | 29190 |
| M379 | D.17 | 58770 | 29430 |
| M380 | F.16 | 68270 | 31480 |
| M381 | N.2 | | SD26551410 |
| M382 | N.7 | | SD26001565 |
| M383 | P.3 | | SD26551760 |
| M384 | Q.1 | | SD25701885 |
| M385 | N.6 | | SD27501635 |
| M386 | N.5 | | SD28851715 |
| M387 | M.1 | | SD29301565 |
| M388 | P.2 | | SD29401910 |
| M389 | P.1 | | SD30751990 |
| M390 | N.3 | | SD31651865 |
| M391 | N.4 | | SD30301790 |
| M392 | G.14 | 67890 | 45490 |
| M393 | F.20 | 64810 | 43720 |
| M394 | E.20 | 62230 | 36440 |
| M395 | F.18 | 66180 | 37860 |
| M396 | E.19 | 62910 | 32870 |
| M397 | C.19 | 54160 | 31820 |
| M398 | C.18 | 53710 | 28090 |
| M399 | C.17 | 53680 | |
| M400 | C.16 | 53650 | 24350 |

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| M401 | D.16 | 59190 | 25660 | |
| M402 | B.3 | 04982 | 02586 | |
| M403 | 1c.E | | | SJ31459345 |
| M404 | 1c.8 | | | SJ31709360 |
| M405 | 1b.8 | | | SJ31659395 |
| M406 | 1a.E | | | SJ31309410 |
| M407 | 1.E | | | SJ31059435 |
| M408 | 3b.0 | | | SJ33409130 |
| M409 | 3a.0 | | | SJ33309165 |
| M410 | 3.0 | | | SJ33309200 |
| M411 | 2c.0 | | | SJ33209270 |
| M412 | 2b.0 | | | SJ33159305 |
| M413 | 1b.0 | | | SJ32759465 |
| M414 | 1c.0 | | | SJ32909435 |
| M415 | 1d.0 | | | SJ33009405 |
| M416 | 1b.E | | | SJ31409380 |
| M417 | K.4 | 13346 | 14705 | |
| M418 | K.3 | 14695 | 12532 | |
| M419 | L.2 | | | SD25301125 |
| M420 | L.1 | | | SD27651280 |
| M421 | K.1 | | | SD26401010 |
| M422 | K.2 | 15561 | 11188 | |
| M423 | J.1 | 15770 | 09669 | |
| M424 | J.2 | 15200 | 10512 | |
| M425 | J.3 | 13595 | 12461 | |
| M426 | H.4 | 14590 | 10082 | |
| M427 | H.3 | 14556 | 09622 | |
| M428 | H.2 | 15055 | 09200 | |
| M429 | H.1 | 15561 | 08783 | |
| M430 | G.1 | 14950 | 07600 | |
| M431 | G.2 | 14427 | 07959 | |
| M432 | G.3 | 13851 | 08364 | |
| M433 | G.6 | 11505 | 10852 | |

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| M434 | G.5 | 12371 | 09757 |
| M435 | F.7 | 10421 | 09584 |
| M436 | X.1 | 08960 | 09715 |
| M437 | C.7 | 56180 | 08010 |
| M438 | C.6 | 05778 | 06495 |
| M439 | D.6 | 07814 | 06392 |
| M440 | D.5 | 08169 | 05794 |
| M441 | E.5 | 09561 | 07444 |
| M442 | F.5 | 11600 | 08021 |
| M443 | F.6 | 11200 | 08495 |
| M444 | E.6 | 09050 | 08371 |
| M445 | B.8 | 42650 | 07900 |
| M446 | A.8 | 30890 | 74710 |
| M447 | B.7 | 41995 | 06280 |
| M448 | A.7 | 25710 | 38440 |
| M449 | B.5 | 04230 | 03992 |
| M450 | B.4 | 04551 | 02879 |
| M451 | C.5 | 06071 | 05050 |
| M452 | D.7 | 07610 | 06905 |
| M453 | B.17 | 48560 | 24770 |
| M454 | A.13 | 42780 | 22640 |
| M455 | RD1.4 | | SJ15808535 |
| M456 | A.12 | 41690 | 20720 |
| M457 | A.10.5 | 39540 | 16950 |
| M458 | A.10.5 | 39540 | 16950 |
| M459 | RD1.2.3 | | SJ17908665 |
| M460 | C.2 | 07111 | 03421 |
| M461 | D.2 | 08992 | 04498 |
| M462 | E.2 | 11046 | 05647 |
| M463 | E.4 | 10208 | 06556 |
| M464 | D.4 | 08468 | 05305 |
| M465 | C.4 | 06513 | 04158 |
| M466 | A.2 | 03629 | 01023 |

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| M467 | 3d.E | | | SJ32659010 |
| M468 | 3d.0 | | | SJ33509055 |
| M469 | 3c.0 | | | SJ33409100 |
| M470 | 4a.0 | | | SJ33759005 |
| M471 | A.4 | 02830 | 01377 | |
| M472 | A.5 | 02558 | 01748 | |
| M473 | RD1.2 | | | SJ18408690 |
| M474 | RD2.2 | | | SJ18708530 |
| M475 | RD2.3 | | | SJ17408455 |
| M476 | RD3.2 | | | SJ19708395 |
| M477 | RD3.1 | | | SJ21058480 |
| M478 | RD4.1 | | | SJ21958335 |
| M479 | RD4.2 | | | SJ20458255 |
| M480 | RD4.3 | | | SJ19058175 |
| M481 | RD4.4 | | | SJ17758095 |
| M482 | RD3.4 | | | SJ16958235 |
| M483 | RD3.3 | | | SJ18308315 |
| M484 | RD1.3 | | | SJ17058610 |
| M485 | B.16 | 48440 | 22870 | |
| M486 | RD1.5 | | | SJ14408460 |
| M487 | RD2.4 | | | SJ16058370 |
| M488 | RD2.5 | | | SJ14758285 |
| M489 | RD1.6 | | | SJ13208390 |
| M490 | A.11 | 40800 | 19110 | |
| M491 | RD2.1 | | | SJ20058605 |
| M492 | Hilbre Swash | 35650 | 17400 | |
| M493 | D.18 | 58440 | 33210 | |
| M494 | E.15 | 66320 | 23600 | |
| M495 | D.15 | 59690 | 21910 | |
| M496 | C.13 | 53410 | 19790 | |
| M497 | B.12 | 45650 | 15230 | |
| M498 | C.11 | 53980 | 14829 | |
| M499 | D.14 | 61370 | 18400 | |

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| M500 | E.13 | 68610 | 19820 |
| M501 | E.14 | 67330 | 21667 |
| M502 | C.14 | 53510 | 20630 |
| M503 | C.15 | 53520 | 22490 |
| M504 | B.15 | 47630 | 21090 |
| M505 | B.14 | 46950 | 19090 |
| M506 | B.13 | 46210 | 17150 |
| M507 | B.11 | 44860 | 13330 |
| M508 | A.10 | 38420 | 15096 |
| M509 | C.10 | 54280 | 13086 |
| M510 | C.9 | 54700 | 11330 |
| M511 | D.13 | 62710 | 16595 |
| M512 | C.12 | 53855 | 16867 |
| M513 | D.12 | 63700 | 14700 |
| M514 | B.9 | 43890 | 09738 |
| M515 | B.10 | 44200 | 11500 |
| M516 | 1d.E | | SJ31509310 |
| M517 | 2a.E | | SJ31709250 |
| M518 | 2.E | | SJ31609280 |
| M519 | 2b.E | | SJ31859220 |
| M520 | 2c.E | | SJ31959195 |
| M521 | 2d.E | | SJ32109165 |
| M522 | A.6 | 02485 | 02329 |
| M523 | 1a.8 | | SJ31559425 |
| M524 | 3.E | | SJ32259140 |
| M525 | 3.9 | | SJ32359145 |
| M526 | 3a.E | | SJ32459115 |
| M527 | 3b.E | | SJ32609080 |
| M528 | 3c.E | | SJ32659050 |
| M529 | 10.8 | | SJ37508160 |
| M530 | 11.8 | | SJ38608040 |
| M531 | 11.9 | | SJ38258020 |
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| M533 | 10.E | | SJ36908115 |

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| M534 | 10.0 | | | SJ40158330 |
| M535 | 10.1 | | | SJ39908310 |
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| M540 | 10.6 | | | SJ38158200 |
| M541 | 8s.2 | | | SJ37058105 |
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| M543 | 11.2 | | | SJ40858185 |
| M544 | 11.3 | | | SJ40458160 |
| M545 | 11.4 | | | SJ40108135 |
| M546 | 12.4 | | | SJ41708050 |
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| M554 | 7b.0 | | | SJ36958610 |
| M555 | 7a.0 | | | SJ36608625 |
| M556 | 9.0 | | | SJ39058450 |
| M557 | Ro.14 | 03545 | 02028 | |
| M558 | Ro.13 | 03155 | 01940 | |
| M559 | Ro.12 | 02790 | 01855 | |
| M560 | Ro.1 | 02079 | 00605 | |
| M561 | Ro.2 | 02105 | 00798 | |
| M562 | Ro.3 | 02171 | 00995 | |
| M563 | Co.1 | 12455 | 13600 | |
| M564 | Co.2 | 12300 | 13525 | |
| M565 | Co.3 | 12135 | 13450 | |
| M566 | Co.4 | 11965 | 13380 | |
| M567 | Co.5 | 11795 | 13300 | |

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| M568 | Co.10 | 12820 | 10120 | |
| M569 | Co.9 | 12975 | 10180 | |
| M570 | Co.8 | 13160 | 10240 | |
| M571 | Co.7 | 13320 | 10295 | |
| M572 | Co.6 | 13455 | 10375 | |
| M573 | Co.11 | 11935 | 06530 | |
| M574 | Co.12 | 11720 | 06460 | |
| M575 | Co.15 | 11245 | 06955 | |
| M576 | Co.14 | 11405 | 06790 | |
| M577 | Co.13 | 11580 | 06625 | |
| M578 | 6d.0 | | | SJ36008660 |
| M579 | 6a.0 | | | SJ35208725 |
| M580 | 5d.0 | | | SJ34858775 |
| M581 | 5c.0 | | | SJ34658805 |
| M582 | 5.0 | | | SJ34258895 |
| M583 | 4d.0 | | | SJ34158920 |
| M584 | 4b.0 | | | SJ33958980 |
| M585 | 5a.0 | | | SJ34358865 |
| M586 | 5b.0 | | | SJ34508830 |
| M587 | 6b.0 | | | SJ35458705 |
| M588 | 6c.0 | | | SJ35708685 |
| M589 | 10.4 | | | SJ38858245 |
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| M594 | 12.6 | | | SJ40908000 |
| M595 | 12.7 | | | SJ40457975 |
| M596 | 12.8 | | | SJ40057950 |
| M597 | Co.20 | 07599 | 04505 | |
| M598 | Co.19 | 07668 | 04400 | |
| M599 | Co.18 | 07732 | 04302 | |
| M600 | Co.17 | 07760 | 04170 | |

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| M601 | Co.16 | 07890 | 04110 |
| M602 | Co.25 | 03900 | 01820 |
| M603 | Co.24 | 03999 | 01765 |
| M604 | Co.23 | 04190 | 01739 |
| M605 | Co.22 | 04300 | 01678 |
| M606 | Co.21 | 04430 | 01623 |
| M607 | 4b.E | | SJ33108925 |
| M608 | 5b.9 | | SJ33558775 |
| M609 | 5d.E | | SJ33808710 |
| M610 | 6.E | | SJ33958685 |
| M611 | 6.9 | | SJ34008695 |
| M612 | 7.8 | | SJ35008560 |
| M613 | 7.9 | | SJ34858550 |
| M614 | 7.E | | SJ34608540 |
| M615 | 7b.E | | SJ35008490 |
| M616 | Sm.5 | | SJ38558140 |
| M617 | Sm.4 | | SJ37958230 |
| M618 | 9a.6 | | SJ37758265 |
| M619 | Sm.3 | | SJ37508295 |
| M620 | Sm.2 | | SJ37058380 |
| M621 | Sm.1 | | SJ36608445 |
| M622 | 8a.3 | | SJ36308395 |
| M623 | Se.1 | | SJ35958400 |
| M624 | Se.2 | | SJ36058380 |
| M625 | Se.3 | | SJ36158350 |
| M626 | Se.4 | | SJ36208325 |
| M627 | Se.5 | | SJ36458225 |
| M628 | Se.6 | | SJ36608195 |
| M629 | Se.7 | | SJ36858160 |
| M630 | 5c.E | | SJ33608740 |
| M631 | Sg.1 | | SJ36408630 |
| M632 | Sg.2 | | SJ37008595 |
| M633 | Sg.3 | | SJ37608555 |
| M634 | Sg.4 | | SJ38058510 |

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| M636 | Sg.6 | | | SJ39108405 |
| M637 | Se.8 | | | SJ37708075 |
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| M639 | Sg.7 | | | SJ39708300 |
| M640 | 5.1 | | | SJ34158885 |
| M641 | 4c.0 | | | SJ34008950 |
| M642 | 9a.0 | | | SJ39558390 |
| M643 | 9a.1 | | | SJ39308370 |
| M644 | 8a.1 | | | SJ37758490 |
| M645 | Ss.1 | | | SJ37408485 |
| M646 | 8a.2 | | | SJ37258455 |
| M647 | 8b.1 | | | SJ38108450 |
| M648 | 8b.2 | | | SJ37608415 |
| M649 | 9a.4 | | | SJ83588305 |
| M650 | 9a.5 | | | SJ38058290 |
| M651 | 9a.7 | | | SJ37408245 |
| M652 | 9a.9 | | | SJ36808205 |
| M653 | near middle Patch buoy | 67010 | 41900 | |
| M654 | 4a.E | | | SJ32908955 |
| M655 | 4c.E | | | SJ33058995 |
| M656 | 4d.E | | | SJ33108855 |
| M657 | 5.E | | | SJ33158820 |
| M658 | 5a.E | | | SJ33258790 |
| M659 | 7a.E | | | SJ34858515 |
| M660 | 7c.E | | | SJ35208460 |
| M661 | 7d.E | | | SJ35408435 |
| M662 | 8.E | | | SJ35558405 |
| M663 | 9a.E | | | SJ36458185 |
| M664 | 9a.8 | | | SJ37108225 |
| M665 | 8a.0 | | | SJ38208510 |
| M666 | 9a.2 | | | SJ38958350 |
| M667 | 12.9 | | | SJ39707925 |

| | | | | |
|---|---|---|---|---|
| M668 | 13.1 | | | SJ40307875 |
| M669 | 9a.3 | | | SJ38708325 |
| M670 | 5b.E | | | SJ33358760 |
| M671 | 19.1 | | | SJ48758320 |
| M672a )<br>M672b ) | 19.2 | | | SJ48958290 |
| M673 | 19.3 | | | SJ49108270 |
| M674 | 19.4 | | | SJ49258245 |
| M675 | 14.3 | | | SJ42507825 |
| M676 | 14.4 | | | SJ42957760 |
| M677 | 12.E | | | SJ39307900 |
| M678 | | 14600 | 27000 | |
| M679 | | 14800 | 31500 | |
| M680 | | 14600 | 35000 | |
| M681 | | 14800 | 38000 | |
| M682 | | 14800 | 40000 | |
| M683 | | 14800 | 42000 | |
| M684 | | 14800 | 43500 | |
| M685 | | 14600 | 45000 | |
| M686 | | 14800 | 46000 | |
| M687 | | 14800 | 47000 | |
| M688 | | 14300 | 50400 | |
| M689 | | 13700 | 54030 | |
| M690 | | 13000 | 57630 | |
| M691 | | 12400 | 60373 | |
| M692 | | 11800 | 62750 | |
| M693 | | 11800 | 61265 | |
| M694 | | 11800 | 59358 | |
| M695 | | 11800 | 55860 | |
| M696 | | 11800 | 50010 | |
| M697 | | 11800 | 41970 | |
| M698 | | 11808 | 31229 | |

M678 - M698 Special I.O.M. Survey, samples from Eastern Irish Sea

| | | | |
|---|---|---|---|
| M699 | Ro.23 | 05305 | 06800 |
| M700 | Ro.22 | 04876 | 06069 |
| M701 | Ro.21 | 04400 | 05305 |
| M702 | Ro.20 | 04178 | 04932 |
| M703 | Ro.19 | 03922 | 0456T |
| M704 | Ro.18 | 03718 | 04262 |
| M705 | Ro.17 | 03448 | 03845 |
| M706 | Ro.16 | 03200 | 03507 |
| M707 | Ro.15 | 02970 | 03138 |
| M708 | Ro.9 | 01600 | 01612 |
| M709 | Ro.4 | 02259 | 01218 |
| M710 | Ro.5 | 02410 | 01492 |
| M711 | Ro.6 | 02550 | 01790 |
| M712 | Ro.7 | 02695 | 02078 |
| M713 | Ro.8 | 02872 | 02400 |
| M714 | Ro.10 | 01850 | 01750 |
| M715 | Ro.11 | 02150 | 01705 |
| M716 | Co.11 | 11909 | 06198 |
| M717 | Fo.10 | 11900 | 06192 |
| M718 | Fo.9 | 12195 | 06500 |
| M719 | Fo.8 | 12404 | 06750 |
| M720 | Fo.7 | 12572 | 06545 |
| M721 | F.2 | 12958 | 06759 |
| M722 | Fo.5 | 13732 | 06558 |
| M723 | Fo.4 | 14129 | 06998 |
| M724 | Fo.3 | 14620 | 07603 |
| M725 | Fo.2 | 14919 | 08119 |
| M726 | Fo.1 | 15000 | 08655 |
| M727 | F.1 | 13263 | 06419 |
| M728 | Fo.6 | 13030 | 06411 |
| M729 | E.1 | 11261 | 05363 |
| M730 | 18.5 | | SJ49107965 |
| M731 | 18.4 | | SJ48858000 |

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|---|---|---|---|---|
| M732 | 18.3 | | | SJ48658035 |
| M733 | 18.2 | | | SJ48468070 |
| M734 | 18.1 | | | SJ48158105 |
| M735 | 17.3 | | | SJ46758040 |
| M736 | 17.4 | | | SJ47107985 |
| M737 | 16.4 | | | SJ45108005 |
| M738 | 16.3 | | | SJ44908045 |
| M739 | 16.2 | | | SJ44658085 |
| M740 | 17.1 | | | SJ46008155 |
| M741 | 17.2 | | | SJ46408100 |
| M742 | 17.6 | | | SJ47857895 |
| M743 | 14.1 | | | SJ41707960 |
| M744 | 15.1 | | | SJ43058040 |
| M745 | 16.5 | | | SJ45357970 |
| M746 | (not on line) | 10010 | 57983 | |
| M747 | Q.12 | 10085 | 41227 | |
| M748 | 15.3 | | | SJ44157820 |
| M749 | 15.4 | | | SJ44457815 |
| M750 | 16.6 | | | SJ45657865 |
| M751 | 17.5 | | | SJ47607880 |
| M752 | 16.1 | | | SJ44408125 |
| M753 | 15.2 | | | SJ43457980 |
| M754 | 14.2 | | | SJ42107895 |
| M755 | 13.2 | | | SJ40407815 |

## APPENDIX III

## SAMPLES FROM NORWEST SAND AND BALLAST CO. LTD.

For reasons of commercial security the exact position and descriptive details of samples from the Norwest Sand and Ballast Co. have been withheld. The following list, however, enables cross reference to be made to the original records.

| Sample No. as used in this thesis | Norwest Sand & Ballast Records | |
|---|---|---|
| | Date | Sample No. |
| 1 - 12 | 30.5.61 | 1 - 12 |
| 13 - 15 | 18.5.61 | 1 - 3 |
| 16 - 40 | 7.5.61 | 1 - 25 |
| 41 - 55 | 13.10.61 | 1 - 15 |
| 56 - 108 | 7 & 8.6.62 | 1 - 53 |
| 109 - 117 | 30.1.58 | 1 - 9 |
| 118 - 125 | 13.7.54 | 1 - 8 |
| 126 - 129 | 9.8.54 | 1 - 4 |
| 130 - 144 | 9 & 10.8.56 | 5 - 19 |
| 145 - 154 | 23.4.56 | 20 - 29 |
| 155 - 164 | 4.5.56 | 30 - 39 |
| 165 - 181 | 10 & 11.9.56 | 40 - 56 |
| 182 - 211 | 3.6.64 | 1 - 30 |
| 212 - 222 | 4.8.64 | 1 - 12 |
| 223 - 246 | 19.10.64 | 1 - 24 |
| 247 - 265 | 4.7.65 | 1 - 19 |

## APPENDIX IV

## SAMPLE COMPOSITION CODES

In order to make the observations on each sample more suitable for mass treatment a system of coding has been applied to condense the information. The original records are available in note form (See Note in press to Mersey Docks and Harbour Board), and reference should be made to these for full details.

This appendix gives the values of the lithological code (see Diag.6:3) for the complete sample collection, together with the percentage composition of each of the three components used (gravel, sand or mud) and a simple descriptive code to indicate in what form the lithological components are present.

The lithological code of Diag. is controlled by the following percentage composition requirements.

| Code No. | Percentage Composition |
|---|---|
| 1 | Sand is more than 90% of total |
| 2 | Mud is more than 90% of total |
| 3 | Gravel is more than 90% of total |
| 4 | Gravel is less than 20% of total, there is 10% or less difference between sand and mud |
| 5 | Sand is less than 20% of total, there is 10% or less difference between gravel and mud |
| 6 | Mud is less than 20% of total, there is 10% or less difference between gravel and sand |
| 7 | Gravel is less than 20% of total, there is more than 10% difference between sand and mud |
| 8 | Gravel is less than 20% of total, there is more than 10% difference between mud and sand |
| 9 | Sand is less than 20% of total, there is more than 10% difference between gravel and mud |
| 10 | Sand is less than 20% of total, there is more than 10% difference between mud and gravel |
| 11 | Mud is less than 20% of total, there is more than 10% difference between sand and gravel |
| 12 | Mud is less than 20% of total, there is more than 10% difference between gravel and sand |

13 Gravel is 20-30% of total, there is more sand than mud

14 Gravel is 20-30% of total, there is more mud than sand

15 Sand is 20-30% of total, there is more gravel than mud

16 Sand is 20-30% of total, there is more mud than gravel

17 Mud is 20-30% of total, there is more gravel than sand

18 Mud is 20-30% of total, there is more sand than gravel

19 The compositional values shall not vary by more than 10%, the maximum value is 40% and the minimum value is 30%

The following symbols are used in the descriptive code:-

| | | |
|---|---|---|
| GRAVEL (G) | St | Stone |
| | Sh | Shell |
| | R | Rubble (To include mostly artificial material) |
| SAND (S) | L | Layered or lensed |
| | H | In any other form |
| MUD (M) | So | Soft or fluid |
| | St | Stiff or plastic |
| | F | Fragmented (To include balls, fragments, flakes, pellets, blebs, and feacae. |
| | L | Layered or lensed |
| | M | Mixed |

## COMPOSITION OF SAMPLES

Key:-

Tr - Trace
NT - Near total

| Sample No. | Lithology | % Comp. | | | Descriptive Code | | |
|---|---|---|---|---|---|---|---|
| | | Gravel | Sand | Mud | Gravel | Sand | Mud |
| B1 | 11 | 86 | 14 | - | St | H | - |
| B2 | 1 | Tr | NT | - | ShSt | H | - |
| B3 | 1 | Tr | NT | - | Sh&St | H | - |
| B4 | 3 | 100 | - | - | St | - | - |
| B5 | 11 | 90 | 10 | - | St | H | - |
| B6 | 11 | 75 | 25 | - | St | H | - |
| B7 | 1 | Tr | NT | - | St | H | - |
| B8 | 11 | 71 | 29 | - | ShSt | H | - |
| B9 | 1 | - | 100 | - | - | H | - |
| B10 | 11 | 84 | 16 | - | ShSt | H | - |
| B11 | 1 | 2 | 98 | - | StSh | H | - |
| B12 | 1 | Tr | NT | - | Sh | H | - |
| B13 | 11 | 66 | 34 | - | ShSt | H | - |
| B14 | 6 | 45 | 55 | - | St | H | - |
| B15 | 1 | 2 | 98 | - | St | H | - |
| B16 | 6 | 47 | 53 | - | St | H | - |
| B17 | 6 | 53 | 47 | - | St | H | - |
| B18 | 3 | NT | Tr | - | St | H | - |
| B19 | 11 | 83 | 17 | - | St | H | - |
| B20 | 12 | 32 | 68 | - | St | H | - |
| B21 | 12 | 25 | 75 | - | St | H | - |
| B22 | 12 | 23 | 77 | - | St | H | - |
| B23 | 1 | 9 | 91 | - | ShSt | H. | - |
| B24 | 12 | 14 | 86 | - | St | H | - |
| B25 | 1 | - | 100 | - | - | H | - |
| B26 | 1 | Tr | NT | - | Sh&st | H | - |
| B27 | 1 | - | 100 | - | - | H | - |
| B28 | 11 | 62 | 38 | - | ShSt | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B29 | 12 | 36 | 64 | Tr | St | H | M |
| B30 | 1 | Tr | NT | - | Sh&St | H | - |
| B31 | 1 | Tr | NT | - | Sh | H | - |
| B32 | 1 | 8 | 92 | - | RSh | H | - |
| B33 | 1 | 9 | 90 | 1 | Sh | H | F |
| B34 | 12 | 14 | 86 | - | Sh | H | - |
| B35 | 1 | 2 | 98 | - | Sh | H | - |
| B36 | 7 | 3 | 56 | 41 | Sh | H | L&M&So |
| B37 | 1 | - | 100 | - | - | H | - |
| B38 | 1 | 1 | 99 | - | RSh | H | - |
| B39 | 1 | 1 | 99 | - | Sh | H | - |
| B40 | 1 | 1 | 99 | - | Sh | H | - |
| B41 | 1 | - | 100 | - | - | H | - |
| B42 | 1 | 1 | 99 | - | RSh | H | - |
| B43 | 1 | Tr | NT | - | Sh | H | - |
| B44 | 1 | Tr | NT | - | Sh | H | - |
| B45 | 1 | Tr | NT | - | - | H | - |
| B46 | 1 | Tr | NT | - | R | H | - |
| B47 | 1 | Tr | NT | - | Sh | H | - |
| B48 | 1 | - | 100 | - | - | H | - |
| B49 | 1 | - | 100 | - | - | H | - |
| B50 | 1 | - | 100 | - | - | H | - |
| B51 | 1 | Tr | NT | - | Sh | H | - |
| B52 | 1 | Tr | NT | - | Sh | H | - |
| B53 | 1 | - | 100 | - | - | H | - |
| B54 | 1 | - | 100 | - | - | H | - |
| B55 | 1 | - | 100 | - | - | H | - |
| B56 | 1 | - | 100 | - | - | H | - |
| B57 | 1 | - | 100 | - | - | H | - |
| B58 | 1 | - | 100 | - | - | H | - |
| B59 | 1 | - | 100 | - | - | H | - |
| B60 | 1 | - | NT | Tr | - | H | M&So |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B61 | 1 | - | 96 | 4 | - | H | M&So |
| B62 | 1 | 9 | 91 | - | StSH | H | - |
| B63 | 1 | 5 | 95 | - | ShSt | H | - |
| B64 | 1 | Tr | 92 | 8 | Sh | H | M |
| B65 | 1 | - | 100 | - | - | H | - |
| B66 | 1 | 11 | 89 | - | ShSt | H | - |
| B67 | 1 | 5 | 95 | - | Sh&St | H | - |
| B68 | 8 | 8 | 28 | 64 | St | H | Sf |
| B69 | 1 | Tr | NT | - | R | H | - |
| B70 | 11 | 57 | 43 | - | ShSt | H | - |
| B71 | 1 | Tr | NT | - | Sh | H | - |
| B72 | 1 | Tr | NT | - | Sh | H | - |
| B73 | 1 | 1 | 96 | 3 | St | H | M |
| B74 | 1 | 1 | 94 | 5 | St | H | M |
| B75 | 1 | 1 | 94 | 5 | St | H | M |
| B76 | 11 | 65 | 35 | Tr | St | H | M |
| B77 | 1 | - | NT | Tr | - | H | M |
| B78 | 1 | Tr | NT | - | Sh | H | - |
| B79 | 1 | Tr | NT | - | Sh | H | - |
| B80 | 1 | - | 100 | - | - | H | - |
| B81 | 1 | - | 95 | 5 | - | H | L&M |
| B82 | 1 | Tr | NT | - | Sh | H | - |
| B83 | 1 | 1 | 99 | - | Sh&St | H | - |
| B84 | 1 | - | 100 | - | - | H | - |
| B85 | 1 | - | 100 | - | - | H | - |
| B86 | 1 | 8 | 92 | - | R&Sh&St | H | - |
| B87 | 1 | Tr | NT | - | Sh | H | - |
| B88 | 1 | - | 100 | - | - | H | - |
| B89 | 1 | Tr | NT | - | R&Sh | H | - |
| B90 | 1 | - | 100 | - | - | H | - |
| B91 | 1 | Tr | NT | - | Sh | H | - |
| B92 | 1 | - | 100 | - | - | H | - |
| B93 | 1 | Tr | NT | Tr | ShSt | H | M |
| B94 | 1 | - | NT | Tr | - | H | SoM |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B95 | 7 | | 80 | 20 | - | H | F&L&M&So |
| B96 | 1 | Tr | NT | - | Sh | H | - |
| B97 | 1 | Tr | NT | - | Sh | H | - |
| B98 | 1 | - | 99 | 1 | - | H | SoM |
| B99 | 1 | Tr | NT | - | Sh | H | - |
| B100 | 1 | Tr | NT | - | Sh | H | - |
| B101 | 1 | Tr | NT | - | Sh | H | - |
| B102 | 1 | Tr | NT | - | Sh | H | - |
| B103 | 1 | - | 100 | - | - | H | - |
| B104 | 1 | Tr | NT | - | Sh | H | - |
| B105 | 1 | - | 100 | - | - | H | - |
| B106 | 1 | - | 100 | - | - | H | - |
| B107 | 8 | - | 16 | 84 | - | H | Sf |
| B108 | 1 | - | 100 | - | - | H | - |
| B109 | 1 | - | 100 | - | - | H | - |
| B110 | 1 | - | 100 | - | - | H | - |
| B111 | 1 | - | 97 | 3 | - | H | So |
| B112 | 1 | Tr | NT | - | Sh | H | - |
| B113 | 1 | 1 | 99 | - | Sh | H | - |
| B114 | 1 | Tr | NT | - | Sh | H | - |
| B115 | 1 | Tr | NT | - | Sh | H | - |
| B116 | 1 | 3 | 97 | - | Sh | H | - |
| B117 | 1 | 1 | 99 | - | Sh | H | - |
| B118 | 1 | 1 | 99 | - | Sh | H | - |
| B119 | 1 | Tr | NT | - | Sh | H | - |
| B120 | 1 | Tr | NT | - | Sh | H | - |
| B121 | 1 | 1 | 99 | - | Sh | H | - |
| B122 | 1 | 8 | 92 | - | Sh | H | - |
| B123 | 1 | Tr | NT | - | Sh | H | - |
| B124 | 1 | Tr | NT | - | Sh | H | - |
| B125 | 1 | Tr | NT | - | Sh | H | - |
| B126 | 1 | Tr | NT | Tr | Sh | H | - |
| B127 | 1 | 2 | 98 | - | StSh | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B128 | 12 | 20 | 80 | - | StSh | H | - |
| B129 | 1 | - | 100 | - | - | H | - |
| B130 | 1 | - | 100 | - | - | H | - |
| B131 | 1 | - | 100 | - | - | H | - |
| B132 | 1 | - | 100 | - | - | H | - |
| B133 | 1 | - | 100 | - | - | H | - |
| B134 | 1 | - | 100 | - | - | H | - |
| B135 | 1 | - | 100 | - | - | H | - |
| B136 | 1 | Tr | NT | - | Sh&St | H | - |
| B137 | 1 | 1 | 99 | - | Sh&St | H | - |
| B138 | 1 | Tr | NT | - | Sh&St | H | - |
| B139 | 1 | - | 100 | - | - | H | - |
| B140 | 1 | - | 100 | - | - | H | - |
| B141 | 1 | Tr | NT | - | Sh&St | H | - |
| B142 | 1 | 2 | 98 | - | Sh&St | H | - |
| B143 | 1 | Tr | NT | Tr | Sh&St | H | M |
| B144 | 1 | 3 | 97 | - | ShSt | H | - |
| B145 | 1 | 2 | 98 | - | ShSt | H | - |
| B146 | 1 | Tr | NT | - | ShSt | H | - |
| B147 | 1 | Tr | NT | - | ShSt | H | - |
| B148 | 12 | 38 | 62 | - | ShSt | H | - |
| B149 | 12 | 10 | 90 | - | ShSt | H | - |
| B150 | 12 | 26 | 74 | - | StSh | H | - |
| B151 | 12 | 27 | 73 | - | ShSt s | H | - |
| B152 | 12 | 36 | 64 | - | ShSt | H | - |
| B153 | 11 | 59 | 39 | 2 | ShSt | H | M |
| B154 | 11 | 64 | 33 | 3 | ShSt | H | M |
| B155 | 6 | 50 | 50 | Tr | ShSt | H | M |
| B156 | 7 | - | 86 | 14 | - | H | L&M |
| B157 | 1 | 2 | 98 | - | Sh&St | H | - |
| B158 | 6 | 46 | 53 | 1 | StSh | H | M |
| B159 | 1 | 1 | 99 | - | Sh&St | H | - |
| B160 | 1 | - | 92 | 8 | - | H | F |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B161 | 1 | 1 | 99 | - | StSh | H | - |
| B162 | 1 | 4 | 96 | - | ShSt | H | - |
| B163 | 1 | Tr | NT | - | Sh | H | - |
| B164 | 1 | Tr | NT | - | Sh | H | - |
| B165 | 6 | 52 | 48 | - | ShSt | H | - |
| B166 | 1 | Tr | NT | - | Sh | H | - |
| B167 | 12 | 28 | 72 | - | StSh | H | - |
| B168 | 1 | 1 | 99 | - | Sh&St | H | - |
| B169 | 1 | Tr | NT | - | Sh | H | - |
| B170 | 1 | Tr | NT | - | Sh | H | - |
| B171 | 1 | Tr | NT | - | Sh | H | - |
| B172 | 1 | Tr | NT | - | Sh | H | - |
| B173 | 1 | Tr | NT | Tr | Sh | H | M |
| B174 | 1 | Tr | NT | Tr | Sh | H | M |
| B175 | 1 | Tr | NT | Tr | Sh | H | M |
| B176 | 7 | - | 83 | 17 | - | H | F&M |
| B177 | 1 | Tr | NT | Tr | Sh | H | M |
| B178 | 1 | Tr | NT | Tr | Sh | H | FM |
| B179 | 1 | Tr | NT | Tr | Sh | H | M |
| B180 | 1 | - | NT | Tr | - | H | FM |
| B181 | 1 | Tr | NT | Tr | Sh | H | M |
| B182 | 1 | Tr | NT | - | Sh | H | - |
| B183 | 1 | - | 100 | - | - | H | - |
| B1/30 | 12 | 14 | 86 | - | St | H | - |
| B31/58 | 1 | Tr | NT | - | Sh | H | - |
| B59/68 | 1 | - | 100 | - | - | H | - |
| B232 | 6 | 46 | 54 | - | ShSt | H | - |
| B233 | 11 | 83 | 17 | - | ShSt | H | - |
| B234 | 4 | - | 54 | 46 | - | H | Sf |
| M1 | 8 | Tr | 42 | 58 | R | H | M |
| M2 | 8 | Tr | 18 | 82 | R | H | FM |
| M3 | 8 | - | 12 | 88 | - | H | FM |
| M4 | 1 | 5 | 95 | - | St | H | - |
| M5 | 1 | - | 100 | - | - | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M6 | 12 | 22 | 76 | 2 | R&ShSt | H | FM |
| M7 | 12 | 18 | 82 | - | ShSt | H | - |
| M8 | 10 | 48 | 17 | 35 | ShSt | H | FM |
| M9 | 1 | - | 92 | 8 | - | H | FM |
| M10 | 8 | - | 36 | 64 | - | H | M |
| M11 | 8 | - | 24 | 76 | - | H | M |
| M12 | 8 | 5 | 29 | 66 | St | H | M |
| M13 | 8 | - | 26 | 74 | - | H | M |
| M14 | 8 | - | 28 | 72 | - | H | M |
| M15 | 11 | 81 | 19 | Tr | ShSt | H | M |
| M16 | 8 | - | 38 | 62 | - | H | M |
| M17 | 7 | - | 56 | 44 | - | H | ML |
| M18 | 1 | - | 99 | 1 | - | H | SoM |
| M19 | 1 | - | 97 | 3 | - | H | MSo |
| M20 | 1 | Tr | 99 | 1 | Sh | H | M&So |
| M21 | 1 | 4 | 95 | 1 | ShSt | H | M |
| M22 | 3 | 100 | - | - | RSt | - | - |
| M23 | 15 | 40 | 25 | 35 | R&Sh&St | H | M |
| M24 | 10 | 70 | 11 | 19 | St | H | FM |
| M25 | 10 | 50 | 17 | 33 | St | H | FM |
| M26 | 8 | Tr | 40 | 60 | Sh | H | LM |
| M27 | 8 | Tr | 36 | 64 | RSh | H | M&So |
| M28 | 8 | 4 | 12 | 84 | R&ShSt | H | M |
| M29 | 7 | Tr | 58 | 42 | Sh | H | M |
| M30 | 7 | - | 62 | 38 | - | H | FM |
| M31 | 7 | Tr | 58 | 42 | Sh | H | FM |
| M32 | 8 | Tr | 12 | 88 | ShSt | H | FM |
| M33 | 8 | - | 28 | 72 | - | H | FM |
| M34 | 1 | 2 | 90 | 8 | Sh | H | SoF |
| M35 | 7 | - | 60 | 40 | - | H | SoL |
| M36 | 1 | Tr | 92 | 8 | Sh | H | SoF |
| M37 | 7 | 4 | 86 | 10 | Sh | H | FM |
| M38 | 7 | - | 90 | 10 | - | H | ScM |
| M39 | 11 | 56 | 39 | 5 | R&ShSt | H | M&So |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M40 | 1 | - | NT | Tr | - | H | M |
| M41 | 1 | Tr | 93 | 7 | St | H | MF |
| M42 | 18 | 26 | 52 | 22 | ShSt | H | Sf |
| M43 | 7 | - | 80 | 20 | - | H | ML |
| M44 | 8 | 7 | 16 | 77 | St | H | M |
| M45 | 12 | 22 | 78 | - | ShSt | H | - |
| M46 | 11 | 58 | 42 | - | R&ShSt | H | - |
| M47 | 12 | 40 | 60 | - | ShSt | H | - |
| M48 | 11 | 83 | 17 | - | ShSt | H | - |
| M49 | 11 | 75 | 25 | - | ShSt | H | - |
| M50 | 7 | - | 75 | 25 | - | H | MF |
| M51 | 9 | 16 | 8 | 76 | ShSt | H | M |
| M52 | 1 | - | 95 | 5 | - | H | LM&So |
| M53 | 5 | 42 | 9 | 49 | RSt | H | M&Sf |
| M54 | 5 | 50 | 3 | 47 | St | H | M&Sf |
| M55 | 7 | 5 | 55 | 40 | StSh | H | MF |
| M56 | 8 | 4 | 21 | 75 | ShSt | H | M |
| M57 | 8 | - | 30 | 70 | - | H | MF |
| M58 | 3 | 96 | 1 | 3 | St | H | M |
| M59 | 8 | - | 18 | 82 | - | H | M |
| M60 | 16 | 32 | 30 | 38 | ShSt | H | M |
| M61 | 8 | 8 | 35 | 57 | RSh | H | F |
| M62 | 1 | 8 | 92 | - | Sh&StR | H | - |
| M63 | 12 | 35 | 65 | Tr | ShSt | H | F |
| M64 | 1 | Tr | NT | - | Sh | H | - |
| M65 | 1 | Tr | NT | - | StSh | H | - |
| M66 | 1 | 8 | 92 | - | ShSt | H | - |
| M67 | 1 | Tr | NT | Tr | Sh | H | M |
| M68 | 12 | 10 | 90 | Tr | ShSt | H | M |
| M69 | 1 | Tr | NT | - | Sh | H | - |
| M70 | 1 | Tr | NT | - | Sh | H | - |
| M71 | 1 | 1 | 99 | - | StSh | H | - |
| M72 | 1 | Tr | NT | Tr | ShSt | H | M |

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|---|---|---|---|---|---|---|---|
| M73 | 1 | Tr | NT | - | Sh | H | - |
| M74 | 12 | 13 | 87 | - | StSh | H | - |
| M75 | 1 | Tr | NT | - | Sh | H | - |
| M76 | 1 | Tr | NT | Tr | Sh | H | MF |
| M77A | 1 | Tr | 91 | 9 | Sh | H | SoM |
| M77B | 1 | Tr | 92 | 8 | RSh | H | M&So |
| M78 | 1 | 1 | 99 | - | Sh&St | H | - |
| M79 | 12 | 21 | 79 | - | RSt&Sh | H | - |
| M80 | 3 | 93 | 7 | - | RSt&Sh | H | - |
| M81 | 8 | - | 10 | 90 | - | H | F&So |
| M82 | 1 | 9 | 91 | - | Sh&St | H | - |
| M83 | 8 | Tr | 14 | 86 | Sh | H | F&M |
| M84 | 11 | 63 | 37 | - | RSt | H | - |
| M85 | 11 | 61 | 39 | - | ShSt | H | - |
| M86 | 3 | 91 | 9 | - | R&ShSt | H | - |
| M87 | 8 | Tr | 28 | 72 | StSh | H | M |
| M88 | 1 | Tr | NT | - | RSt | H | F |
| M89 | 2 | - | 6 | 94 | - | H | M&Sf |
| M90 | 2 | - | 8 | 92 | - | H | M&Sf |
| M91 | 1 | - | 100 | - | - | H | - |
| M92 | 7 | 2 | 86 | 12 | R | H | MF |
| M93 | 12 | 14 | 82 | 4 | ShSt | H | FM&So |
| M94 | 7 | 3 | 65 | 32 | St | H | MF |
| M95 | 1 | - | 97 | 3 | - | H | M&So |
| M96 | 7 | Tr | 82 | 18 | R&Sh | H | SoF |
| M97 | 1 | - | 100 | - | - | H | - |
| M98 | 1 | - | NT | Tr | - | H | F |
| M99 | 1 | - | NT | Tr | - | H | F |
| M100 | 2 | - | 8 | 92 | - | L | M&Sf |
| M101 | 7 | Tr | 78 | 22 | Sh | H | FSo&M |
| M102 | 2 | - | 2 | 98 | - | L | FSf |
| M103 | 7 | Tr | 90 | 10 | R&ShSt | H | MF |
| M104 | 2 | - | Tr | NT | - | H | Sf |

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|---|---|---|---|---|---|---|---|
| M105 | 7 | Tr | 88 | 12 | Sh | H | F&So |
| M106 | 2 | - | Tr | NT | - | H | Sf |
| M107 | 12 | 26 | 74 | Tr | R&ShSt | H | MF |
| M108 | 12 | 33 | 67 | - | R&ShSt | H | - |
| M109 | 1 | 1 | 91 | 8 | Sh | H | M |
| M110 | 12 | 20 | 80 | Tr | RSh | H | So |
| M111 | 18 | 37 | 41 | 22 | ShSt | H | M |
| M112 | 1 | Tr | NT | - | Sh | H | - |
| M113 | 1 | 1 | 99 | - | Sh | H | - |
| M114 | 1 | - | 100 | - | - | H | - |
| M115 | 12 | 40 | 60 | Tr | ShSt | H | M |
| M116 | 11 | 86 | 9 | 5 | ShSt | H | LM |
| M117 | 11 | 64 | 36 | - | ShSt | H | - |
| M118 | 6 | 45 | 53 | 2 | ShSt | H | FM |
| M119 | 1 | Tr | NT | Tr | Sh | H | MF |
| M120 | 1 | Tr | NT | - | Sh | H | - |
| M121 | 1 | 2 | 98 | - | Sh | H | - |
| M122 | 12 | 30 | 70 | - | ShSt | H | - |
| M123 | 12 | 28 | 72 | - | ShSt | H | - |
| M124 | 12 | 12 | 88 | Tr | ShSt | H | SoM |
| M125 | 11 | 57 | 43 | - | ShSt | H | - |
| M126 | 1 | Tr | NT | - | Sh | H | - |
| M127 | 7 | 2 | 79 | 19 | RSh | H | ML |
| M128 | 7 | 5 | 85 | 10 | Sh | H | L&M |
| M129 | 1 | 4 | 96 | - | ShR | H | - |
| M130 | 1 | Tr | NT | Tr | Sh | H | F |
| M131 | 1 | Tr | NT | Tr | Sh | H | F |
| M132 | 12 | 8 | 87 | 5 | RSh | H | FM |
| M133 | 1 | 2 | 98 | - | Sh | H | - |
| M134 | 1 | 2 | 98 | - | RSh | H | - |
| M135 | 1 | 2 | 98 | - | Sh | H | - |
| M136 | 1 | Tr | NT | - | Sh | H | - |
| M137 | 12 | 25 | 75 | - | ShSt | H | - |

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|---|---|---|---|---|---|---|---|
| M138 | 12 | 11 | 89 | - | ShSt | H | - |
| M139 | 1 | Tr | NT | - | Sh | H | - |
| M140 | 1 | Tr | NT | - | Sh | H | - |
| M141 | 1 | - | 100 | - | - | H | - |
| M142 | 1 | - | NT | Tr | - | H | F |
| M143 | 1 | 8 | 92 | - | St | H | - |
| M144 | 12 | 38 | 56 | 6 | ShSt | H | F |
| M145 | 7 | 3 | 89 | 8 | StSh | H | M |
| M146 | 1 | 9 | 91 | - | ShSt | H | - |
| M147 | 1 | Tr | NT | - | Sh&St | H | - |
| M148 | 1 | Tr | NT | Tr | ShSt | H | F |
| M149 | 1 | - | 100 | - | - | H | - |
| M150 | 1 | Tr | NT | Tr | Sh | H | F |
| M151 | 1 | 7 | 93 | - | St | H | - |
| M152 | 12 | 22 | 78 | - | ShSt | H | - |
| M153 | 12 | 25 | 75 | - | ShSt | H | - |
| M154 | 11 | 73 | 27 | - | ShSt | H | - |
| M155 | 12 | 33 | 67 | - | ShSt | H | - |
| M156 | 12 | 43 | 57 | - | ShSt | H | - |
| M157 | 1 | - | 100 | - | - | H | - |
| M158 | 1 | - | 100 | - | - | H | - |
| M159 | 1 | 4 | 96 | Tr | RSh | H | F |
| M160 | 1 | 20 | 70 | 10 | RSh | H | LF |
| M161 | 1 | Tr | NT | Tr | Sh | H | F |
| M162 | 1 | Tr | NT | Tr | Sh | H | F |
| M163 | 1 | Tr | NT | Tr | Sh | H | F |
| M164 | 1 | Tr | NT | Tr | Sh | H | F |
| M165 | 7 | 4 | 88 | 8 | Sh | H | SoF |
| M166 | 1 | Tr | NT | Tr | Sh | H | F |
| M167 | 12 | 16 | 84 | - | R&ShSt | H | - |
| M168 | 1 | 6 | 94 | - | ShSt | H | - |
| M169 | 12 | 18 | 82 | - | ShSt | H | - |
| M170 | 1 | Tr | NT | - | Sh | H | - |

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|---|---|---|---|---|---|---|---|
| M171 | 1 | Tr | NT | - | Sh | H | - |
| M172 | 6 | 50 | 50 | - | ShSt | H | - |
| M173 | 1 | Tr | NT | Tr | Sh | H | F |
| M174 | 7 | 2 | 90 | 8 | ShSt | H | F |
| M175 | 1 | - | 100 | - | - | H | - |
| M176 | 11 | 65 | 35 | - | ShSt | H | - |
| M177 | 1 | 2 | 98 | - | Sh St | H | - |
| M178 | 12 | 15 | 80 | 5 | RSh&St | H | - |
| M179 | 1 | 6 | 91 | 3 | ShSt | H | F |
| M180 | 1 | 2 | 90 | 8 | Sh | H | F |
| M181 | 1 | - | 100 | - | - | H | - |
| M182 | 1 | 4 | 92 | 4 | ShSt | H | F |
| M183 | 7 | 5 | 83 | 12 | ShSt | H | F&SoM |
| M184 | 7 | 8 | 84 | 8 | ShSt | H | F&M&So |
| M185 | 1 | - | 100 | - | - | H | - |
| M186 | 1 | Tr | NT | Tr | Sh | H | F |
| M187 | 1 | Tr | NT | - | Sh | H | - |
| M188 | 1 | - | 100 | - | - | H | - |
| M189 | 1 | 2 | 98 | - | Sh&St | H | - |
| M190 | 7 | 8 | 76 | 16 | RSh&St | H | M |
| M191 | 1 | 2 | 98 | - | Sh | H | - |
| M192 | 1 | Tr | NT | - | Sh | H | - |
| M193 | 1 | Tr | 94 | 6 | RSh | H | So |
| M194 | 1 | - | 100 | - | - | H | - |
| M195 | 1 | - | 100 | - | - | H | - |
| M196 | 1 | 1 | 94 | 5 | Sh | H | FM |
| M197 | 1 | 1 | 94 | 5 | Sh | H | FM |
| M198 | 1 | 1 | 97 | 2 | Sh | H | FM |
| M199 | 1 | Tr | 95 | 5 | Sh | H | F&M |
| M200 | 7 | 5 | 55 | 40 | RSh&St | H | MF |
| M201 | 1 | 3 | 96 | 1 | StSh | H | F&M |
| M202 | 1 | - | 100 | - | - | H | - |
| M203 | 1 | - | 100 | - | - | H | - |

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|---|---|---|---|---|---|---|---|
| M204 | 1 | - | 100 | - | - | H | - |
| M205 | 1 | - | 100 | - | - | H | - |
| M206 | 1 | Tr | NT | Tr | Sh | H | F&M |
| M207 | 1 | 2 | 98 | Tr | StSh | H | F&M |
| M208 | 1 | Tr | NT | - | Sh | H | - |
| M209 | 1 | Tr | NT | - | R | H | - |
| M210 | 1 | - | 100 | - | - | H | - |
| M211 | 1 | - | NT | Tr | - | H | FM |
| M212 | 7 | - | 88 | 12 | - | H | F&M |
| M213 | 1 | - | 100 | - | - | H | - |
| M214 | 1 | - | 92 | 8 | - | H | MF |
| M215 | 1 | - | 100 | - | - | H | - |
| M216 | 1 | - | 100 | - | - | H | - |
| M217 | 1 | - | 100 | - | - | H | - |
| M218 | 1 | - | 100 | - | - | H | - |
| M219 | 12 | 12 | 86 | 2 | StSh | H | M |
| M220 | 1 | 8 | 92 | - | StSh | H | - |
| M221 | 12 | 22 | 76 | 2 | ShSt | H | FM |
| M222 | 1 | - | 100 | - | - | H | - |
| M223 | 12 | 10 | 90 | - | RSh&St | H | - |
| M224 | 12 | 16 | 84 | - | StSh | H | - |
| M225 | 12 | 26 | 71 | 3 | StSh | H | FM |
| M226 | 12 | 14 | 80 | 6 | ShSt | H | FM |
| M227 | 12 | 25 | 72 | 3 | ShSt | H | M |
| M228 | 1 | Tr | NT | - | Sh | H | - |
| M229 | 1 | Tr | NT | - | Sh | H | - |
| M230 | 1 | Tr | NT | - | Sh | H | - |
| M231 | 1 | Tr | NT | - | Sh | H | - |
| M232 | 1 | Tr | NT | - | Sh | H | - |
| M233 | 1 | Tr | NT | - | Sh | H | - |
| M234 | 1 | Tr | NT | - | Sh | H | - |
| M235 | 1 | Tr | NT | - | Sh | H | - |
| M236 | 1 | Tr | NT | Tr | Sh | H | FM |

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|---|---|---|---|---|---|---|---|
| M237 | 8 | 8 | 41 | 51 | ShSt | H | Sf |
| M238 | 1 | 2 | 97 | 1 | Sh&StR | H | M |
| M239 | 12 | 15 | 85 | - | R&Sh&St | H | - |
| M240 | 12 | 18 | 75 | 7 | R&Sh | H | F |
| M241 | 12 | 31 | 69 | Tr | R | H | F |
| M242 | 1 | 1 | 99 | - | StSh | H | - |
| M243 | 1 | 2 | 98 | - | StSh | H | - |
| M244 | 1 | 1 | 99 | - | Sh | H | - |
| M245 | 1 | 2 | 98 | - | Sh | H | - |
| M246 | 12 | 22 | 78 | Tr | R&Sh&St | H | F |
| M247 | 12 | 20 | 80 | Tr | ShSt | H | M |
| M248 | 1 | 3 | 96 | 1 | ShSt | H | F&M |
| M249 | 1 | Tr | NT | - | Sh | H | - |
| M250 | 1 | Tr | NT | - | Sh | H | - |
| M251 | 1 | Tr | NT | - | Sh | H | - |
| M252 | 1 | Tr | NT | - | Sh | H | - |
| M253 | 1 | - | 100 | - | - | H | - |
| M254 | 1 | - | 100 | - | - | H | - |
| M255 | 12 | 10 | 89 | 1 | R | H | M |
| M256 | 8 | Tr | 12 | 88 | R | H | M |
| M257 | 10 | 62 | 15 | 23 | RSt&Sh | H | M |
| M258A | 8 | - | 18 | 82 | - | H | M&So |
| M258B | | | | | - | H | M&So |
| M259 | 12 | 31 | 69 | Tr | R&Sh&St | H | M |
| M260A | 1 | Tr | NT | Tr | Sh&St | H | M |
| M260B | 8 | - | 26 | 74 | - | H | M&So |
| M261 | 8 | Tr | 28 | 72 | St | H | So |
| M262 | 2 | - | 9 | 91 | - | H | M&So |
| M263 | 8 | Tr | 35 | 65 | St | H | L&M&So |
| M264 | 1 | Tr | 99 | 1 | St | H | FM |
| M265 | 8 | - | 11 | 89 | - | H | M&So |
| M266 | 1 | - | NT | Tr | - | H | F |
| M267 | 7 | 4 | 86 | 10 | R&Sh&St | H | M |

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|---|---|---|---|---|---|---|---|
| M268 | 2 | Tr | 4 | 96 | Sh | H | M |
| M269 | 1 | Tr | NT | Tr | ShSt | H | M |
| M270 | 8 | 9 | 11 | 80 | St | H | SoM |
| M271 | 8 | Tr | 28 | 72 | Sh | H | F&LM |
| M272 | 1 | Tr | NT | Tr | Sh | H | F |
| M273 | 12 | 18 | 80 | 2 | St | H | M |
| M274 | 1 | - | 100 | - | - | H | - |
| M275 | 7 | - | 83 | 17 | - | H | FM |
| M276 | 7 | - | 75 | 25 | - | H | FM |
| M277 | 1 | Tr | 99 | 1 | Sh | H | F |
| M278 | 2 | - | Tr | NT | - | H | M |
| M279 | 1 | - | 92 | 8 | - | H | MF |
| M280 | 1 | - | NT | Tr | - | H | M |
| M281 | 12 | 16 | 84 | - | R&ShSt | H | - |
| M282 | 1 | - | NT | Tr | - | H | FM |
| M283 | 1 | Tr | NT | - | Sh | H | - |
| M284 | 1 | 9 | 91 | - | RSt | H | - |
| M285 | 1 | - | 98 | 2 | - | H | F |
| M286 | 1 | - | NT | Tr | - | H | F |
| M287 | 7 | - | 64 | 36 | - | H | M |
| M288 | 1 | - | NT | Tr | - | H | L |
| M289 | 1 | - | 100 | - | - | H | - |
| M290 | 1 | - | 100 | - | - | H | - |
| M291 | 2 | - | 6 | 94 | - | H | LSf |
| M292 | 7 | - | 72 | 28 | - | H | So |
| M293 | 12 | 31 | 61 | 8 | RSt&Sh | H | MF |
| M294 | 7 | - | 60 | 40 | - | L | M&So |
| M295 | 7 | - | 85 | 15 | - | H | MF |
| M296 | 11 | 49 | 42 | 9 | R&Sb&St | H | MF |
| M297 | 2 | 3 | Tr | 97 | RSt | H | SoM |
| M298 | 2 | - | Tr | NT | - | H | M&Sf |
| M299 | 2 | - | 3 | 97 | - | H | M&So |
| G1 | 7 | - | 88 | 12 | - | H | M |

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|---|---|---|---|---|---|---|---|
| M300 | 1 | - | NT | Tr | - | H | MSo |
| M301 | 12 | 27 | 65 | 8 | RSt&Sh | H | MF |
| M302 | 8 | 9 | 32 | 59 | StR | H | SoM |
| M303 | 8 | Tr | 42 | 58 | R | H | SoM |
| M304 | 2 | - | 1 | 99 | - | H | Sf |
| M305 | 8 | Tr | 42 | 58 | R | H | M&Sf |
| M306 | 12 | 29 | 63 | 8 | R&Sh&St | H | M |
| M307 | 7 | - | 64 | 36 | - | H | M |
| M308 | 1 | - | NT | Tr | - | H | MSo |
| M309 | 6 | 53 | 47 | Tr | R&Sh&St | H | M |
| M310 | 9 | 13 | 1 | 86 | R&St | H | FM |
| M311 | 1 | - | NT | Tr | - | H | M |
| M312 | 7 | - | 84 | 16 | - | H | M |
| M313 | 1 | - | NT | Tr | - | H | M |
| M314 | 1 | - | NT | Tr | - | H | M |
| M315 | 1 | - | 98 | 2 | - | H | M |
| M316 | 1 | - | 92 | 8 | - | H | SoM |
| M317 | 1 | - | NT | Tr | - | H | FM |
| M318 | 1 | - | NT | Tr | - | H | FM |
| M319 | 7 | - | 74 | 26 | - | H | M |
| M320 | 7 | - | 86 | 14 | - | H | M |
| M321 | 1 | - | NT | Tr | - | H | So |
| M322 | 7 | 17 | 42 | 41 | R&Sh&St | H | SoM |
| M323A | 12 | 14 | 86 | Tr | R&Sh&St | H | So |
| M323B | 8 | Tr | 42 | 58 | Sh&St | H | SoM |
| M324 | 9 | 27 | 9 | 64 | St | H | SoM |
| M325 | 2 | - | 6 | 94 | - | H | SoM |
| M326 | 11 | 59 | 41 | Tr | R&ShSt | H | SoM |
| M327 | 8 | Tr | 16 | 84 | R | H | ScM |
| M328 | 9 | 31 | 4 | 65 | ShSt | H | M |
| M329 | 10 | 82 | 5 | 13 | Sh&St | H | M |
| M330 | 8 | 1 | 28 | 71 | R&Sh&St | H | M |
| M331 | 2 | 3 | 4 | 93 | St | H | SoM |

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|---|---|---|---|---|---|---|---|
| M332 | 8 | - | 10 | 90 | - | H | ScM |
| M333 | 2 | Tr | 9 | 91 | RSh | H | SoM |
| M334 | 2 | - | 6 | 94 | - | H | SoM |
| M335 | 2 | - | 6 | 94 | - | H | SoM |
| M336 | 2 | - | 8 | 92 | - | H | SoM |
| M337 | 2 | - | 8 | 92 | - | H | SoM |
| M338 | 10 | 72 | 1 | 27 | RSt | H | SoM |
| M339 | 8 | - | 10 | 90 | - | H | SoM |
| M340 | 9 | 35 | 10 | 55 | ShSt | H | SoM |
| M341 | 8 | Tr | 10 | 90 | ShSt | H | SoM |
| M342 | 8 | - | 12 | 88 | - | H | SoM |
| M343 | 8 | Tr | 10 | 90 | R | H | SoM |
| M344 | 8 | Tr | 14 | 86 | ShR | H | So |
| M345 | 8 | - | 14 | 86 | - | H | SoM |
| M346 | 8 | - | 10 | 90 | - | H | SoM |
| M347 | 1 | - | NT | Tr | - | H | SoF |
| M348 | 2 | - | 2 | 98 | - | H | SoM |
| M349 | 8 | - | 16 | 84 | - | H | SoM |
| M350 | 2 | Tr | 4 | 96 | R | H | So |
| M351 | 8 | - | 16 | 84 | - | H | SoM |
| M352 | 1 | - | NT | Tr | - | H | M |
| M353 | 1 | - | 96 | 4 | - | H | LF&M |
| M354 | 11 | 70 | 30 | Tr | RSt&Sh | H | M |
| M355 | 1 | - | 97 | 3 | - | H | ML |
| M356 | 8 | - | 38 | 62 | - | H | M |
| M357 | 10 | 46 | 16 | 38 | RSt | H | M |
| M358 | 4 | 4 | 48 | 48 | RSt | H | M |
| M359 | 7 | 7 | 73 | 20 | RSt | L | M |
| M360 | 7 | 9 | 75 | 16 | RSt | H | M |
| M361 | 7 | - | 88 | 12 | - | H | M |
| M362 | 1 | - | 94 | 6 | - | H | ML |
| M363 | 7 | 9 | 75 | 16 | RSt | H | ScM |
| M364 | 7 | 2 | 62 | 36 | RSt | H | M |

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|---|---|---|---|---|---|---|---|
| M365 | 1 | 2 | 98 | Tr | ShSt | H | M |
| M366 | 1 | Tr | NT | Tr | Sh | H | M |
| M367 | 12 | 21 | 79 | Tr | ShSt | H | M |
| M368 | 1 | 4 | 96 | Tr | ShSt | H | M |
| M369 | 1 | - | 100 | - | - | H | - |
| M370 | 1 | Tr | NT | - | Sh | H | - |
| M371 | 1 | Tr | NT | Tr | Sh | H | FM |
| M372 | 1 | Tr | NT | - | Sh | H | - |
| M373 | 1 | Tr | NT | - | Sh | H | - |
| M374 | 1 | Tr | NT | - | Sh&St | H | - |
| M375 | 1 | 1 | 99 | - | ShSt | H | - |
| M376 | 1 | Tr | NT | - | Sh | H | - |
| M377 | 1 | Tr | NT | - | Sh | H | - |
| M378 | 11 | 60 | 22 | 18 | ShSt | H | So |
| M379 | 1 | Tr | NT | - | StSh | H | - |
| M380 | 11 | 62 | 37 | 1 | ShSt | H | M |
| M381 | 12 | 9 | 86 | 5 | Sh | H | F&M |
| M382 | 7 | 5 | 88 | 7 | Sh | H | F&M |
| M383 | 12 | 8 | 87 | 5 | Sh | H | F&M |
| M384 | 1 | Tr | NT | Tr | Sh | H | M |
| M385 | 7 | 10 | 75 | 15 | Sh | H | FM |
| M386 | 1 | Tr | 94 | 6 | Sh | H | ScM |
| M387 | 1 | Tr | NT | - | Sh | H | - |
| M388 | 1 | Tr | NT | - | Sh | H | - |
| M389 | 1 | Tr | NT | - | Sh | H | - |
| M390 | 7 | Tr | 84 | 16 | Sh | H | M |
| M391 | 8 | Tr | 10 | 90 | Sh | H | M |
| M392 | 1 | Tr | NT | - | Sh | H | - |
| M393 | 1 | - | 100 | - | - | H | - |
| M394 | 1 | Tr | 97 | 3 | Sh | H | MF |
| M395 | 1 | - | 100 | - | - | H | - |
| M396 | 1 | - | 100 | - | - | H | - |
| M397 | 3 | 100 | - | - | ShSt | - | - |

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|---|---|---|---|---|---|---|---|
| M398 | 1 | - | 100 | - | - | H | - |
| M399 | 1 | - | 100 | - | - | H | - |
| M400 | 1 | - | 100 | - | - | H | - |
| M401 | 1 | - | 100 | - | - | H | - |
| M402 | 1 | Tr | NT | Tr | Sh&St | H | So |
| M403 | 1 | 9 | 91 | - | ShSt | H | - |
| M404 | 1 | - | NT | Tr | - | H | So |
| M405 | 1 | - | 100 | - | - | H | - |
| M406 | 1 | Tr | NT | - | Sh | H | - |
| M407 | 1 | 8 | 92 | - | ShSt | H | - |
| M408 | 4 | Tr | 52 | 48 | RSt | H | So |
| M409 | 4 | 2 | 46 | 52 | RSt | H | So |
| M410 | 2 | - | 8 | 92 | - | H | So |
| M411 | 2 | - | 4 | 96 | - | H | So |
| M412 | 2 | - | 9 | 91 | - | H | M&So |
| M413 | 2 | - | 4 | 96 | - | H | F&MSo |
| M414 | 8 | - | 14 | 86 | - | L | L&M&So |
| M415 | 8 | 9 | 14 | 77 | St | H | Sf |
| M416 | 1 | 5 | 95 | - | StSh | H | - |
| M417 | 1 | Tr | NT | - | Sh | H | - |
| M418 | 1 | Tr | NT | Tr | Sh | H | M |
| M419 | 1 | Tr | NT | Tr | Sh | H | M |
| M420 | 7 | 1 | 83 | 16 | Sh | H | SoM |
| M421 | 1 | - | 91 | 9 | - | H | SoM |
| M422 | 1 | Tr | NT | Tr | Sh | H | M |
| M423 | 1 | Tr | NT | Tr | Sh | H | M |
| M424 | 1 | Tr | NT | Tr | Sh | H | M |
| M425 | 1 | Tr | NT | - | Sh | H | - |
| M426 | 1 | Tr | NT | - | Sh | H | - |
| M427 | 1 | - | 100 | - | - | H | - |
| M428 | 8 | Tr | 22 | 78 | Sh | H | F&LM |
| M429 | 1 | - | 100 | - | - | H | - |
| M430 | 1 | Tr | NT | - | Sh | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M431 | 1 | - | 100 | - | - | H | - |
| M432 | 1 | Tr | NT | Tr | Sh | H | F |
| M433 | 7 | Tr | 90 | 10 | Sh | H | FL |
| M434 | 7 | - | 88 | 12 | - | H | FM&L |
| M435 | 1 | - | 100 | - | - | H | - |
| M436 | 1 | 7 | 92 | 1 | Sh | H | F&M |
| M437 | 1 | 3 | 97 | - | StSh | H | - |
| M438 | 1 | - | 100 | - | - | H | - |
| M439 | 1 | - | 100 | - | - | H | - |
| M440 | 1 | Tr | NT | - | Sh | H | - |
| M441 | 1 | Tr | NT | - | Sh | H | - |
| M442 | 1 | Tr | NT | - | Sh | H | - |
| M443 | 1 | - | 100 | - | - | H | - |
| M444 | 1 | Tr | NT | Tr | Sh | H | L&So |
| M445 | 1 | - | NT | Tr | - | H | M |
| M446 | 1 | - | NT | Tr | - | H | M |
| M447 | 1 | Tr | NT | - | Sh | H | - |
| M448 | 1 | Tr | NT | - | Sh | H | - |
| M449 | 1 | Tr | NT | - | Sh | H | - |
| M450 | 1 | 2 | 98 | - | StSh | H | - |
| M451 | 1 | Tr | NT | Tr | Sh | H | F |
| M452 | 1 | Tr | NT | - | Sh | H | - |
| M453 | 1 | Tr | NT | Tr | Sh | H | F |
| M454 | 1 | 5 | 93 | 2 | Sh&St | H | MF |
| M455 | 1 | Tr | NT | - | Sh | H | - |
| M456 | 1 | Tr | NT | Tr | Sh | H | M |
| M457 | 7 | Tr | 80 | 20 | Sh | H | LM |
| M458 | 7 | 4 | 74 | 22 | RSh&St | H | FM |
| M459 | 1 | Tr | NT | Tr | Sh | H | FM |
| M460 | 1 | - | NT | Tr | - | H | M |
| M461 | 2 | - | 8 | 92 | - | H | LM |
| M462 | 1 | - | 98 | 2 | - | H | LF |
| M463 | 1 | - | 100 | - | - | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M464 | 1 | Tr | NT | Tr | Sh | H | F |
| M465 | 1 | Tr | NT | - | Sh | H | - |
| M466 | 1 | 7 | 92 | 1 | Sh | H | F |
| M467 | 8 | Tr | 16 | 84 | Sh | L | M |
| M468 | 7 | - | 86 | 14 | - | L | FM |
| M469 | 2 | Tr | 6 | 94 | Sh | H | F |
| M470 | 8 | Tr | 38 | 62 | Sh | H | M |
| M471 | 1 | Tr | NT | - | Sh | H | - |
| M472 | 1 | Tr | NT | - | Sh | H | - |
| M473 | 1 | Tr | NT | - | Sh | H | - |
| M474 | 1 | Tr | NT | - | Sh | H | - |
| M475 | 1 | Tr | NT | - | Sh | H | - |
| M476 | 1 | Tr | NT | - | Sh | H | - |
| M477 | 3 | 96 | 4 | 1 | Sh&St | H | FM |
| M478 | 1 | Tr | NT | Tr | Sh | H | F |
| M479 | 1 | Tr | NT | - | Sh | H | - |
| M480 | 1 | Tr | NT | - | Sh | H | - |
| M481 | 1 | - | 100 | - | - | H | - |
| M482 | 1 | - | NT | Tr | - | H | F |
| M483 | 1 | - | 100 | - | - | H | - |
| M484 | 1 | - | 100 | - | - | H | - |
| M485 | 1 | - | 100 | - | - | H | - |
| M486 | 12 | 22 | 76 | 2 | Sh | H | F |
| M487 | 1 | 4 | 94 | 2 | Sh | H | F |
| M488 | 12 | 10 | 89 | 1 | Sh | H | M |
| M489 | 7 | - | 84 | 16 | - | H | M |
| M490 | 1 | - | 100 | - | - | H | - |
| M491 | 12 | 11 | 84 | 5 | Sh | H | FM |
| M492 | 1 | Tr | NT | Tr | Sh | H | F |
| M493 | 1 | - | NT | Tr | - | H | M |
| M494 | 1 | 2 | 98 | - | Sh | H | - |
| M495 | 1 | 2 | 98 | - | Sh | H | - |
| M496 | 1 | 1 | 99 | - | Sh | H | - |
| M497 | 1 | - | 96 | 4 | - | H | FM |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M498 | 1 | 3 | 95 | 2 | Sh | H | FM |
| M499 | 1 | 1 | 98 | 1 | Sh | H | FM |
| M500 | 1 | 2 | 98 | - | StSh | H | - |
| M501 | 1 | 1 | 99 | - | Sh | H | - |
| M502 | 1 | 1 | 99 | - | Sh | H | - |
| M503 | 1 | Tr | NT | Tr | Sh | H | M |
| M504 | 1 | Tr | NT | - | Sh | H | - |
| M505 | 1 | 3 | 97 | - | Sh&St | H | - |
| M506 | 1 | 2 | 98 | - | StSh | H | - |
| M507 | 1 | 2 | 98 | - | Sh | H | - |
| M508 | 1 | 1 | 99 | - | Sh | H | - |
| M509 | 1 | - | 100 | - | - | H | - |
| M510 | 1 | 3 | 96 | 1 | Sh | H | MF |
| M511 | 1 | - | 100 | - | - | H | - |
| M512 | 1 | Tr | NT | - | StSh | H | - |
| M513 | 1 | Tr | NT | - | - | H | - |
| M514 | 1 | Tr | NT | - | Sh | H | - |
| M515 | 1 | Tr | NT | - | Sh | H | - |
| M516 | 12 | 20 | 80 | - | ShSt | H | - |
| M517 | 3 | 100 | - | - | St | - | - |
| M518 | 11 | 57 | 43 | - | ShSt | H | - |
| M519 | 3 | 100 | - | - | St | - | - |
| M520 | 11 | 66 | 34 | - | ShSt | H | - |
| M521 | 12 | 16 | 84 | - | ShSt | H | - |
| M522 | 1 | - | 100 | - | - | H | - |
| M523 | 1 | - | 99 | 1 | - | H | FM |
| M524 | 4 | - | 54 | 46 | - | H | FM |
| M525 | 8 | - | 28 | 72 | - | H | FM |
| M526 | 8 | - | 32 | 68 | - | H | FM |
| M527 | 1 | 1 | 98 | 1 | Sh&St | H | MF |
| M528 | 8 | Tr | 34 | 66 | Sh | H | FM |
| M529 | 1 | - | NT | Tr | - | H | F&So |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M530 | 7 | - | 78 | 22 | - | H | L&So |
| M531 | 1 | - | 100 | - | - | H | - |
| M532 | 2 | - | Tr | NT | - | H | Sf |
| M533 | 2 | - | 8 | 92 | - | H | M |
| M534 | 2 | - | 2 | 98 | - | H | M |
| M535 | 1 | - | 100 | - | - | H | - |
| M536 | 1 | - | NT | Tr | - | H | F |
| M537 | 8 | - | 27 | 73 | - | H | M |
| M538 | 1 | - | NT | Tr | - | H | L&M |
| M539 | 4 | - | 45 | 55 | - | H | FL |
| M540 | 8 | - | 25 | 75 | - | H | SoL |
| M541 | 7 | 6 | 64 | 30 | St | H | F |
| M542 | 1 | - | 100 | - | - | H | - |
| M543 | 1 | - | NT | Tr | - | H | M&So |
| M544 | 8 | - | 30 | 70 | - | H | MF |
| M545 | 1 | - | 100 | - | - | H | - |
| M546 | 1 | - | NT | Tr | - | H | L |
| M547 | 7 | - | 67 | 33 | - | H | MF |
| M548 | 1 | - | 93 | 7 | - | H | M |
| M549 | 1 | - | 100 | - | - | H | - |
| M550 | 8 | - | 28 | 72 | - | H | M |
| M551 | 1 | 2 | 96 | 2 | St | H | F&So |
| M552 | 1 | - | 97 | 3 | - | H | F |
| M553 | 2 | - | 6 | 94 | - | H | M |
| M554 | 8 | - | 18 | 82 | - | H | M&Sf |
| M555 | 2 | - | 8 | 92 | - | H | M&So |
| M556 | Rock flooring no sample | | | | - | - | - |
| M557 | 1 | - | 100 | - | - | H | - |
| M558 | 1 | - | 100 | - | - | H | - |
| M559 | 1 | - | 100 | - | - | H | - |
| M560 | 1 | - | NT | Tr | - | H | FSo |
| M561 | 4 | Tr | 50 | 50 | RSh | H | SoF |
| M562 | 1 | Tr | NT | - | Sh | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M563 | 1 | 5 | 95 | - | ShSt | H | - |
| M564 | 7 | Tr | 87 | 13 | R | H | L&SoF |
| M565 | 1 | - | NT | Tr | - | H | M |
| M566 | 8 | - | 28 | 72 | - | H | F |
| M567 | 8 | - | 22 | 78 | - | H | M |
| M568 | 1 | Tr | NT | Tr | R | H | F&M |
| M569 | 1 | - | 100 | - | - | H | - |
| M570 | 1 | - | NT | Tr | - | H | M |
| M571 | 1 | - | NT | Tr | - | H | F |
| M572 | 10 | 73 | 5 | 22 | St | H | M |
| M573 | 9 | 15 | 3 | 82 | ShSt | H | M |
| M574 | 2 | - | 2 | 98 | - | H | M |
| M575 | 8 | - | 17 | 83 | - | H | M |
| M576 | 1 | - | 95 | 5 | - | H | SoM |
| M577 | 3 | 96 | 4 | Tr | St | H | MF |
| M578 | 8 | - | 24 | 76 | - | H | LM |
| M579 | 8 | - | 30 | 70 | - | H | MF |
| M580 | 7 | - | 63 | 37 | - | H | F |
| M581 | 2 | - | 9 | 91 | - | H | M |
| M582 | 1 | - | NT | Tr | - | H | M |
| M583 | 1 | - | 94 | 6 | - | H | ScM |
| M584 | 1 | - | 92 | 8 | - | H | M |
| M585 | 2 | - | 8 | 92 | - | H | M |
| M586 | 1 | - | 98 | 2 | - | H | SoF |
| M587 | 7 | - | 70 | 30 | - | H | ML |
| M588 | 8 | - | 22 | 78 | - | H | FM |
| M589 | 1 | - | 95 | 5 | - | H | F |
| M590 | 1 | - | NT | Tr | - | H | SoM |
| M591 | 1 | - | 96 | 4 | - | H | FM |
| M592 | 1 | - | 100 | - | - | H | - |
| M593 | 1 | - | 100 | - | - | H | - |
| M594 | 1 | - | 100 | - | - | H | - |
| M595 | 1 | - | 100 | - | - | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M596 | 1 | - | 100 | - | - | H | - |
| M597 | 7 | Tr | 80 | 20 | Sh | H | L |
| M598 | 2 | - | 8 | 92 | - | H | L |
| M599 | 8 | - | 40 | 60 | - | H | L |
| M600 | 7 | - | 70 | 30 | - | H | L |
| M601 | 8 | Tr | 80 | 20 | Sh | L | M |
| M602 | 1 | Tr | NT | - | Sh | H | - |
| M603 | 12 | 15 | 85 | - | Sh&St | H | - |
| M604 | 11 | 80 | 15 | 5 | R&ShSt | H | M |
| M605 | 2 | - | 8 | 92 | - | H | F&So |
| M606 | 8 | 5 | 8 | 87 | RSt | H | So |
| M607 | 8 | 10 | 24 | 66 | ShR | H | LM |
| M608 | 7 | Tr | 62 | 38 | St | H | FM |
| M609 | 8 | - | 36 | 64 | Sh | H | F&M |
| M610 | 7 | - | 58 | 42 | Sh | H | F&M |
| M611 | 8 | - | 10 | 90 | - | H | F&M |
| M612 | 4 | - | 50 | 50 | - | H | LM |
| M613 | 8 | - | 10 | 90 | - | H | FM |
| M614 | 4 | - | 52 | 48 | - | H | LM |
| M615 | 2 | - | 4 | 96 | - | H | So |
| M616 | 1 | - | 97 | 3 | - | H | F |
| M617 | 1 | - | 99 | 1 | - | H | F |
| M618 | 12 | 17 | 83 | Tr | St | H | F |
| M619 | 4 | Tr | 50 | 50 | ShSt | L | F&L |
| M620 | 4 | Tr | 50 | 50 | Sh | L | F&So |
| M621 | 2 | - | 2 | 98 | - | L | Sf |
| M622 | 1 | - | 93 | 7 | - | L | MF |
| M623 | 1 | - | 99 | 1 | - | H | F |
| M624 | 1 | - | 99 | 1 | - | H | F |
| M625 | 1 | - | 93 | 7 | - | H | LF |
| M626 | 1 | - | 99 | 1 | - | H | F |
| M627 | 1 | - | 98 | 2 | - | H | F |
| M628 | 2 | - | 4 | 96 | - | H | L |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M629 | 1 | - | 99 | 1 | - | H | FM |
| M630 | 7 | - | 62 | 38 | - | H | FM |
| M631 | 4 | - | 50 | 50 | - | L | L |
| M632 | 7 | Tr | 72 | 28 | St | L | FL |
| M633 | 8 | - | 18 | 82 | - | H | FL |
| M634 | 8 | - | 28 | 72 | - | H | FL |
| M635 | 7 | - | 87 | 13 | - | H | SoF |
| M636 | 7 | - | 87 | 13 | - | H | SoF |
| M637 | 1 | - | 96 | 4 | - | H | SoF |
| M638 | 1 | - | NT | Tr | - | H | SoM |
| M639 | 8 | - | 30 | 70 | - | H | SoF |
| M640 | 8 | - | 17 | 83 | - | H | SoF |
| M641 | 7 | - | 56 | 44 | - | H | LM |
| M642 | 2 | - | 6 | 94 | - | H | So |
| M643 | 1 | - | 100 | - | - | H | - |
| M644 | 7 | - | 87 | 13 | - | H | F&M |
| M645 | 8 | - | 12 | 88 | - | H | F&LM |
| M646 | 8 | - | 36 | 64 | - | H | F&M L&So |
| M647 | 1 | - | 100 | - | - | H | - |
| M648 | 7 | - | 63 | 37 | - | H | F&LSo |
| M649 | 1 | - | 100 | - | - | H | - |
| M650 | 7 | - | 64 | 36 | - | H | FM |
| M651 | 7 | - | 57 | 43 | - | H | SoF |
| M652 | 1 | - | 100 | - | - | H | - |
| M653 | 1 | - | 100 | - | - | H | - |
| M654 | 8 | - | 22 | 78 | - | H | LM |
| M655 | 2 | - | 6 | 94 | - | L | LM |
| M656 | 7 | - | 76 | 24 | - | L | LM |
| M657 | 2 | - | 4 | 96 | - | H | LM |
| M658 | 8 | - | 28 | 72 | - | H | FL |
| M659 | 8 | - | 16 | 84 | - | H | LM |
| M660 | 8 | - | 24 | 76 | - | H | M |
| M661 | 8 | - | 26 | 74 | - | H | M |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M662 | 2 | - | 6 | 94 | - | H | M |
| M663 | 8 | 12 | 21 | 67 | St | H | F&LM |
| M664 | 8 | - | 56 | 44 | - | H | F |
| M665 | 8 | - | 16 | 84 | - | H | M |
| M666 | 1 | - | NT | Tr | - | H | F |
| M667 | 1 | - | 100 | - | - | H | - |
| M668 | 1 | - | 100 | - | - | H | - |
| M669 | 7 | Tr | 70 | 30 | Sh | H | F |
| M670 | 2 | - | 6 | 94 | - | H | M |
| M671 | 1 | - | 100 | - | - | H | - |
| M672A | 8 | - | 44 | 56 | - | L | LM |
| M672B | 1 | - | 97 | 3 | - | H | MF |
| M673 | 1 | - | 100 | - | - | H | - |
| M674 | 7 | - | 80 | 20 | - | H | ML |
| M675 | 7 | - | 90 | 10 | - | H | M |
| M676 | 7 | - | 90 | 10 | - | H | M |
| M677 | 2 | - | Tr | NT | - | H | SfM |
| M678 | 1 | Tr | NT | Tr | Sh | H | M |
| M679 | 12 | 9 | 87 | 4 | Sh | H | M |
| M680 | 7 | - | 88 | 12 | - | H | M |
| M681 | 1 | Tr | 98 | 2 | Sh | H | M |
| M682 | 1 | Tr | NT | Tr | Sh | H | M |
| M683 | 1 | Tr | NT | Tr | Sh | H | M |
| M684 | 1 | 6 | 92 | 2 | StSh | H | MF |
| M685 | 12 | 15 | 84 | 1 | ShSt | H | MF |
| M686 | 12 | 16 | 84 | Tr | StSh | H | M |
| M687 | 12 | 23 | 77 | - | StSh | H | - |
| M688 | 6 | 45 | 55 | - | ShSt | H | - |
| M689 | 11 | 79 | 21 | Tr | ShSt | H | M |
| M690 | 12 | 16 | 84 | Tr | Sh&St | H | MF |
| M691 | 12 | 43 | 57 | Tr | ShSt | H | MF |
| M692 | 1 | 9 | 91 | - | Sh&St | H | - |
| M693 | 11 | 73 | 27 | - | StSh | H | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M694 | 6 | 49 | 51 | - | StSh | H | - |
| M695 | 12 | 34 | 66 | - | StSh | H | - |
| M696 | 12 | 19 | 80 | 1 | R&ShSt | H | M |
| M697 | 12 | 22 | 74 | 4 | ShSt | H | F&M |
| M698 | 1 | 2 | 97 | 1 | R&StSh | H | FM |
| M699 | 1 | Tr | NT | - | Sh | H | - |
| M700 | 1 | - | 99 | 1 | - | H | SoF |
| M701 | 4 | - | 50 | 50 | - | H | SoF |
| M702 | 7 | - | 87 | 13 | - | H | SoF |
| M703 | 1 | - | 99 | 1 | - | H | M |
| M704 | 4 | - | 50 | 50 | - | H | MF |
| M705 | 7 | 2 | 60 | 38 | Sh | H | SoF |
| M706 | 1 | 1 | 98 | 1 | Sh | H | F |
| M707 | 1 | 1 | 99 | Tr | Sh | H | F |
| M708 | 3 | 99 | 1 | - | ShSt | H | - |
| M709 | 1 | 5 | 95 | Tr | StSh | H | F |
| M710 | 1 | 1 | 99 | Tr | Sh | H | F |
| M711 | 1 | 1 | 99 | - | Sh | H | - |
| M712 | 1 | Tr | NT | - | Sh | H | - |
| M713 | 1 | Tr | NT | - | Sh | H | - |
| M714 | 1 | Tr | NT | - | Sh | H | - |
| M715 | 1 | Tr | NT | - | Sh | H | - |
| M716 | 7 | - | 76 | 24 | - | L | LM |
| M717 | 1 | Tr | NT | - | Sh | H | - |
| M718 | 7 | - | 87 | 13 | - | H | L&MF |
| M719 | 4 | - | 48 | 52 | - | L | LM |
| M720 | 2 | - | 4 | 96 | - | H | M |
| M721 | 1 | Tr | NT | - | Sh | H | - |
| M722 | 8 | - | 32 | 68 | - | H | ML |
| M723 | 2 | - | 4 | 96 | - | H | SoM |
| M724 | 7 | 6 | 86 | 8 | Sh | H | F&M&So |
| M725 | 1 | Tr | NT | - | Sh | H | - |
| M726 | 77 | Tr | 83 | 12 | Sh | H | SoL |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M727 | 1 | Tr | 98 | 2 | Sh | H | F |
| M728 | 2 | - | Tr | NT | - | M | So |
| M729 | 2 | - | Tr | NT | - | L | So |
| M730 | 1 | - | 98 | 2 | - | H | SoF |
| M731 | 1 | - | 98 | 2 | - | H | SoF |
| M732 | 1 | - | NT | Tr | - | H | M |
| M733 | 1 | Tr | NT | Tr | Sh | H | M |
| M734 | 8 | Tr | 22 | 78 | R | H | SoM |
| M735 | 1 | Tr | NT | Tr | R | H | M |
| M736 | 1 | - | NT | Tr | - | H | MF |
| M737 | 1 | Tr | NT | - | R | H | - |
| M738 | 1 | Tr | NT | - | R | H | - |
| M739 | 1 | Tr | NT | - | R | H | - |
| M740 | 2 | - | 2 | 98 | - | H | SoM |
| M741 | 1 | - | 98 | 2 | - | H | SoF |
| M742 | 1 | - | NT | Tr | - | H | F |
| M743 | 1 | - | NT | Tr | - | H | F |
| M744 | 1 | Tr | NT | - | R | H | - |
| M745 | 1 | Tr | NT | - | R | H | - |
| M746 | 12 | 39 | 58 | 3 | ShSt | H | F |
| M747 | 6 | 45 | 50 | 5 | ShSt | H | F |
| M748 | 8 | - | 10 | 90 | - | H | SfM |
| M749 | 2 | - | 6 | 94 | - | H | SfM |
| M750 | 2 | - | 9 | 91 | - | H | LSf |
| M751 | 2 | Tr | 9 | 91 | RSt | H | FM |
| M752 | 2 | - | 4 | 96 | - | H | So |
| M753 | 1 | - | NT | Tr | - | H | SoF |
| M754 | 7 | - | 88 | 12 | - | L | SoL |
| M755 | 2 | - | 2 | 98 | - | H | SfM |

## APPENDIX V

### TIME - IN - PHI CONVERSION CHART

| Time (seconds) | Diam. in mms. | ϕ minus values |
|---|---|---|
| 4.75 | 2,05 | - 1.04 |
| 5.0 | 1.86 | - 0.92 |
| 5.25 | 1.70 | - 0.77 |
| 5.5 | 1.56 | - 0.63 |
| 5.75 | 1.45 | - 0.53 |
| 6.0 | 1.35 | - 0.45 |
| 6.25 | 1.27 | - 0.36 |
| 6.5 | 1.20 | - 0.29 |
| 6.75 | 1.13 | - 0.18 |
| 7.0 | 1.08 | - 0.11 |
| 7.1 | 1.03 | - 0.05 |
| | | plus values |
| 7.2 | 0.98 | + 0.03 |
| 7.4 | 0.94 | + 0.11 |
| 7.7 | 0.90 | 0.17 |
| 7.9 | 0.85 | 0.23 |
| 8.1 | 0.80 | 0.32 |
| 8.5 | 0.75 | 0.42 |
| 8.9 | 0.70 | 0.52 |
| 9.1 | 0.67 | 0.58 |
| 9.4 | 0.64 | 0.66 |
| 9.7 | 0.61 | 0.73 |
| 10.0 | 0.59 | 0.78 |
| 10.5 | 0.55 | 0.88 |
| 11.0 | 0.51 | 0.97 |
| 11.5 | 0.49 | 1.04 |
| 12.0 | 0.47 | 1.10 |
| 12.5 | 0.45 | 1.16 |
| 13.0 | 0.430 | 1.22 |

| Time | Diam. | $\phi$ |
|---|---|---|
| 13.5 | 0.415 | 1.28 |
| 14.0 | 0.400 | 1.33 |
| 14.5 | 0.385 | 1.39 |
| 15.0 | 0.370 | 1.44 |
| 16.0 | 0.350 | 1.53 |
| 17.0 | 0.330 | 1.62 |
| 18.0 | 0.310 | 1.70 |
| 19.0 | 0.300 | 1.75 |
| 20.0 | 0.285 | 1.82 |
| 21.0 | 0.275 | 1.86 |
| 22.0 | 0.265 | 1.92 |
| 23.0 | 0.255 | 1.96 |
| 24.0 | 0.245 | 2.03 |
| 25.0 | 0.238 | 2.07 |
| 26.0 | 0.232 | 2.10 |
| 27.0 | 0.225 | 2.16 |
| 28.0 | 0.219 | 2.19 |
| 29.0 | 0.214 | 2.23 |
| 30.0 | 0.208 | 2.28 |
| 31.0 | 0.204 | 2.31 |
| 32.0 | 0.200 | 2.34 |
| 33.0 | 0.195 | 2.37 |
| 34.0 | 0.190 | 2.41 |
| 35.0 | 0.185 | 2.44 |
| 36.0 | 0.181 | 2.48 |
| 37.0 | 0.178 | 2.51 |
| 38.0 | 0.175 | 2.54 |
| 39.0 | 0.171 | 2.57 |
| 40.0 | 0.168 | 2.60 |
| 41.0 | 0.165 | 2.63 |
| 42.0 | 0.163 | 2.65 |
| 43.0 | 0.160 | 2.67 |

| Time | Diam | ø |
|---|---|---|
| 44.0 | 0.157 | 2.70 |
| 45.0 | 0.155 | 2.72 |
| 46.0 | 0.153 | 2.75 |
| 48.0 | 0.149 | 2.77 |
| 50.0 | 0.145 | 2.80 |
| 52.0 | 0.142 | 2.83 |
| 54.0 | 0.138 | 2.86 |
| 56.0 | 0.135 | 2.89 |
| 58.0 | 0.131 | 2.93 |
| 60.0 | 0.128 | 2.96 |
| 62.0 | 0.126 | 2.99 |
| 64.0 | 0.123 | 3.02 |
| 66.0 | 0.120 | 3.05 |
| 68.0 | 0.117 | 3.08 |
| 70.0 | 0.115 | 3.11 |
| 72.0 | 0.113 | 3.13 |
| 74.0 | 0.111 | 3.15 |
| 76.0 | 0.108 | 3.18 |
| 78.0 | 0.106 | 3.22 |
| 80.0 | 0.104 | 3.28 |
| 84.0 | 0.101 | 3.32 |
| 88.0 | 0.097 | 3.35 |
| 92.0 | 0.094 | 3.40 |
| 96.0 | 0.091 | 3.44 |
| 100.0 | 0.088 | 3.50 |
| 104.0 | 0.086 | 3.53 |
| 108.0 | 0.083 | 3.59 |
| 112.0 | 0.081 | 3.63 |
| 116.0 | 0.079 | 3.68 |
| 120.0 | 0.077 | 3.71 |
| 124.0 | 0.075 | 3.75 |

| Time | Diam | $\phi$ |
|---|---|---|
| 128.0 | 0.073 | 3.78 |
| 132.0 | 0.0715 | 3.82 |
| 136.0 | 0.0700 | 3.85 |
| 140.0 | 0.068 | 3.89 |
| 144.0 | 0.065 | 3.94 |
| 148.0 | 0.063 | 3.97 |
| 152.0 | 0.061 | 4.03 |
| 156.0 | 0.060 | 4.06 |
| 160.0 | 0.059 | 4.08 |
| 164.0 | 0.057 | 4.12 |
| 168.0 | 0.056 | 4.16 |
| 172.0 | 0.054 | 4.20 |
| 176.0 | 0.052 | 4.26 |
| 180.0 | 0.051 | 4.29 |
| 184.0 | 0.049 | 4.36 |
| 188.0 | 0.048 | 4.39 |
| 192.0 | 0.047 | 4.42 |
| 196.0 | 0.046 | 4.45 |
| 200.0 | 0.045 | 4.50 |

N.B. This table is for use with 1 metre Sedimentation tube with fitted diffuser.

Sf = 0.7
Sp.Gr. = 2.65
Water = 20°C
Samples = 5.0 grms.

## APPENDIX VI

### GRAVEL SAMPLE ANALYSES (weight % composition)

| Sample No. | Particle Sizes in Inches | | | | |
|---|---|---|---|---|---|
| | 1.5 (38mms) | 0.75 (19mms) | 0.38 (9.5mms) | 0.19 (4.8mms) | 0.097 (2.4mms) |
| B1 | - | 22 | 35 | 18 | 25 |
| B4 | - | 56 | 29 | 13 | 2 |
| B5 | - | 20 | 7 | 36 | 36 |
| B6 | - | 43 | 27 | 15 | 15 |
| B8 | - | 38 | 8 | 21 | 33 |
| B10 | 63 | 18 | 12 | 4 | 3 |
| B13 | - | 31 | 34 | 22 | 13 |
| B14 | - | 23 | 46 | 15 | 16 |
| B16 | - | 93 | 1 | 1 | 5 |
| B17 | - | 24 | 26 | 17 | 33 |
| B18 | 19 | - | 11 | 31 | 39 |
| B19 | 17 | 55 | 25 | 3 | Tr |
| B20 | - | - | 38 | 9 | 53 |
| B21 | - | - | 12 | 28 | 60 |
| B22 | - | 62 | 32 | 5 | 1 |
| B24 | - | 100 | - | - | - |
| B28 | 44 | 56 | - | - | - |
| B29 | 100 | - | - | - | - |
| B1/30 | - | - | 28 | 28 | 44 |
| B34 | analysis not completed | | | | |
| B66 | - | - | 33 | 37 | 30 |
| B70 | - | 29 | 28 | 25 | 18 |
| B76 | - | 29 | 26 | 25 | 20 |
| B128 | shell only | | | | |
| B148 | - | 27 | 33 | 22 | 18 |
| B149 | - | - | 42 | 42 | 16 |
| B150 | - | 34 | 9 | 23 | 34 |
| B151 | - | 7 | 38 | 27 | 28 |
| B152 | - | 27 | 37 | 18 | 18 |

| | | | | | |
|---|---|---|---|---|---|
| B153 | - | 36 | 19 | 24 | 21 |
| B154 | - | 33 | 38 | 13 | 16 |
| B155 | - | 27 | 25 | 24 | 24 |
| B158 | - | 34 | 28 | 18 | 20 |
| B165 | 40 | 12 | 29 | 11 | 8 |
| B167 | 40 | 10 | 40 | 10 | Tr |
| B232 | - | 27 | 12 | 28 | 33 |
| B233 | - | 2 | 26 | 33 | 39 |
| M6 | - | - | 46 | 30 | 24 |
| M7 | - | 47 | 6 | 26 | 21 |
| M8 | 97.8 | Tr | Tr | Tr | Tr |
| M15 | 45 | 17 | 17 | 12 | 9 |
| M23 | analysis not completed | | | | |
| M24 | 100 | - | - | - | - |
| M25 | 100 | - | - | - | - |
| M39 | 31 | 30 | 18 | 10 | 11 |
| M42 | - | 22 | 25 | 25 | 28 |
| M45 | - | 21 | 25 | 24 | 30 |
| M46 | - | 15 | 28 | 25 | 32 |
| M47 | - | 40 | 14 | 18 | 28 |
| M48 | 20 | 10 | 26 | 15 | 29 |
| M49 | - | 23 | 36 | 23 | 18 |
| M51 | - | 100 | - | - | - |
| M53 | 77 | - | 9 | 9 | 3 |
| M58 | 100 | - | - | - | - |
| M60 | - | 18 | 42 | 25 | 15 |
| M62 | - | - | 37 | 34 | 29 |
| M63 | - | - | 26 | 40 | 34 |
| M68 | - | - | 30 | 35 | 35 |
| M74 | - | - | 15 | 56 | 29 |
| M79 | - | - | 27 | 34 | 39 |
| M80 | 32 | 27 | 22 | 11 | 8 |
| M84 | - | 25 | 28 | 27 | 20 |
| M85 | - | 22 | 25 | 28 | 25 |

| | | | | | |
|---|---|---|---|---|---|
| M86 | 44 | 31 | 15 | 6 | 4 |
| M93 | - | - | 52 | 30 | 18 |
| M107 | - | - | 10 | 31 | 59 |
| M108 | - | - | 26 | 29 | 45 |
| M110 | - | 5 | 30 | 35 | 30 |
| M111 | - | - | 33 | 37 | 30 |
| M115 | 12 | - | 59 | 19 | 10 |
| M116 | - | 22 | 35 | 15 | 28 |
| M117 | 35 | 16 | 28 | 13 | 8 |
| M118 | - | - | 23 | 40 | 37 |
| M122 | - | 35 | 28 | 20 | 17 |
| M123 | - | - | 55 | 27 | 18 |
| M124 | - | - | 16 | 63 | 21 |
| M125 | - | 13 | 24 | 31 | 32 |
| M137 | - | 34 | 24 | 22 | 20 |
| M138 | - | - | 48 | 26 | 26 |
| M144 | - | - | 33 | 49 | 18 |
| M152 | - | - | 42 | 42 | 16 |
| M153 | - | - | 34 | 36 | 30 |
| M154 | 52 | 16 | 17 | 9 | 6 |
| M155 | - | 34 | 46 | 13 | 7 |
| M156 | - | - | 17 | 47 | 36 |
| M160 | analysis not completed | | | | |
| M167 | - | - | 13 | 22 | 65 |
| M169 | - | - | 31 | 41 | 28 |
| M172 | - | - | 20 | 30 | 50 |
| M176 | 41 | 34 | 12 | 7 | 6 |
| M178 | - | 20 | 17 | 24 | 39 |
| M219 | - | - | 6 | 37 | 57 |
| M221 | - | 15 | 16 | 22 | 47 |
| M223 | - | - | - | mostly | 3/16 |
| M224 | - | - | 2 | 28 | 70 |
| M225 | - | - | 23 | 33 | 44 |

| | | | | | |
|---|---|---|---|---|---|
| M226 | - | - | 14 | 35 | 51 |
| M227 | - | - | 38 | 33 | 29 |
| M239 | - | - | 33 | 33 | 33 |
| M240 | - | - | 59 | 22 | 19 |
| M241 | - | 15 | 27 | 37 | 21 |
| M246 | - | 40 | 18 | 18 | 24 |
| M247 | - | - | - | 5 | 95 |
| M255 | - | 23 | 31 | 31 | 15 |
| M257 | 73 | 8 | 9 | 6 | 4 |
| M259 | - | 21 | 28 | 22 | 29 |
| M270 | - | 95 | approximately 5 | | |
| M273 | 90 | 4 | 2 | 2 | 2 |
| M281 | - | - | 31 | 31 | 38 |
| M293 | - | 62 | - | 19 | 19 |
| M296 | - | 13 | 15 | 29 | 43 |
| M301 | - | 25 | 25 | 26 | 24 |
| M306 | - | 40 | 18 | 27 | 15 |
| M309 | 38 | - | 25 | 18 | 19 |
| M310 | - | 97 | 1 | 1 | 1 |
| M322 | - | - | 48 | 21 | 31 |
| M323A | - | 14 | 23 | 36 | 27 |
| M324 | 83 | 14 | - | - | 3 |
| M326 | - | 7 | 6 | 17 | 70 |
| M328 | - | 46 | 14 | 14 | 26 |
| M329 | NT | - | Tr | Tr | Tr |
| M338 | 85 | - | 10 | 3 | 2 |
| M340 | - | 61 | 19 | 10 | 10 |
| M354 | 56 | 20 | 9 | 7 | 8 |
| M357 | 76 | 8 | 8 | 6 | 2 |
| M367 | - | 22 | 27 | 24 | 27 |
| M378 | - | 84 | - | 8 | 8 |
| M380 | - | 28 | 21 | 27 | 24 |
| M385 | - | - | NT | Tr | Tr |

| | | | | | |
|---|---|---|---|---|---|
| M397 | - | 64 | 36 | - | - |
| M477 | 48 | 18 | 10 | 11 | 13 |
| M486 | analysis not completed | | | | |
| M488 | analysis not completed | | | | |
| M491 | analysis not completed | | | | |
| M516 | - | - | 53 | 20 | 27 |
| M517 | 100 | - | - | - | - |
| M518 | 47 | 3 | 19 | 15 | 16 |
| M519 | - | 100 | - | - | - |
| M520 | - | 26 | 10 | 22 | 42 |
| M521 | - | - | 18 | 42 | 40 |
| M572 | - | NT | Tr | Tr | - |
| M573 | - | - | 30 | 47 | 23 |
| M577 | 69 | 10 | 15 | 4 | 2 |
| M603 | - | 2 | 31 | 30 | 37 |
| M604 | - | 45 | 29 | 16 | 10 |
| M607 | - | - | - | all | 3/16 |
| M618 | analysis not completed | | | | |
| M639 | analysis not completed | | | | |
| M663 | 98 | - | - | 1 | 1 |
| M664 | analysis not completed | | | | |
| M685 | - | - | 30 | 27 | 43 |
| M686 | - | - | 13 | 21 | 66 |
| M687 | 27 | - | 1 | 10 | 62 |
| M688 | - | 69 | - | 8 | 23 |
| M689 | 75 | - | 7 | 10 | 8 |
| M690 | - | - | 29 | 42 | 29 |
| M691 | - | 57 | 17 | 12 | 14 |
| M693 | 78 | 1 | 8 | 5 | 8 |
| M694 | - | - | 23 | 45 | 32 |
| M695 | - | - | - | 9 | 91 |
| M696 | - | - | 26 | 26 | 48 |

| | | | | | |
|---|---|---|---|---|---|
| M697 | - | - | 20 | 39 | 41 |
| M708 | 64 | 18 | 12 | 5 | 1 |
| M746 | - | - | 19 | 31 | 50 |
| M747 | - | - | 20 | 49 | 31 |

In the above table NT = near total, Tr = trace.

In the cases where the analysis of gravel samples is recorded as incomplete, this is because the gravel is of shell or pellet material and reference should be made to the original records for complete details.

## APPENDIX VII

### SAND SAMPLE SIEVE ANALYSES - VALUES IN Ø

| | 2 | 5 | 16 | 25 | 50 | 75 | 84 | 95 | 98 | Percentiles |
|---|---|---|---|---|---|---|---|---|---|---|
| ¼A | 0.0 | 1.83 | 0.93 | 2.00 | 2.30 | 2.52 | 2.56 | 2.67 | 0.0 | Test samples |
| ⅛A | 0.0 | 1.85 | 2.01 | 2.18 | 2.43 | 2.59 | 2.65 | 2.80 | 0.0 | |
| 1/16A | 0.0 | 1.84 | 2.01 | 2.18 | 2.43 | 2.56 | 2.61 | 2.69 | 0.0 | |
| 1/32A | 0.0 | 1.86 | 2.04 | 2.18 | 2.43 | 2.56 | 2.61 | 2.69 | 0.0 | |
| 1/64A | 0.0 | 1.88 | 2.10 | 2.24 | 2.51 | 2.65 | 2.70 | 2.86 | 0.0 | |
| 1/128A | 0.0 | 1.87 | 2.10 | 2.24 | 2.51 | 2.69 | 2.75 | 2.98 | 0.0 | |
| 1/256A | 0.0 | 1.92 | 2.15 | 2.28 | 2.52 | 2.69 | 2.74 | 2.91 | 0.0 | |
| aA | 0.0 | 1.86 | 2.08 | 2.22 | 2.50 | 2.65 | 2.72 | 2.87 | 0.0 | |
| bA | 0.0 | 1.86 | 2.08 | 2.22 | 2.50 | 2.65 | 2.73 | 2.87 | 0.0 | |
| B | 0.0 | 2.36 | 2.60 | 2.68 | 2.88 | 3.12 | 3.23 | 3.62 | 0.0 | |
| aC | 0.0 | 1.94 | 2.17 | 2.29 | 2.51 | 2.64 | 2.70 | 2.86 | 0.0 | |
| bC | 0.0 | 1.94 | 2.17 | 2.29 | 2.51 | 2.65 | 2.72 | 2.87 | 0.0 | |
| B2 | 0.0 | 1.55 | 1.96 | 2.07 | 2.28 | 2.50 | 2.60 | 2.72 | 0.0 | |
| c B5 | 0.0 | -0.75 | -0.65 | -0.62 | -0.53 | -0.18 | -0.01 | -2.16 | 0.0 | |
| c B8 | 0.0 | -0.69 | -0.57 | -0.53 | -0.18 | 0.98 | 1.80 | 2.23 | 0.0 | |
| B11 | 0.0 | 1.72 | 2.02 | 2.12 | 2.34 | 2.48 | 2.55 | 2.67 | 0.0 | |
| c B14 | 0.0 | 1.27 | 1.80 | 1.87 | 2.10 | 2.30 | 2.42 | 2.65 | 0.0 | |
| c B17 | 0.0 | -0.62 | -0.40 | -0.14 | 0.32 | 0.75 | 0:97 | 1.90 | 0.0 | |
| c B20 | 0.0 | -0.61 | -0.39 | 0.02 | 0.84 | 1.95 | 2.07 | 2.36 | 0.0 | |
| c B23 | 0.0 | 1.08 | 1.80 | 1.90 | 2.09 | 2.26 | 2.37 | 2.59 | 0.0 | |
| B26 | 0.0 | 0.88 | 1.28 | 1.50 | 1.90 | 2.12 | 2.22 | 2.43 | 0.0 | |
| c B29 | 0.0 | 1.39 | 1.79 | 1.87 | 2.00 | 2.19 | 2.27 | 2.48 | 0.0 | |
| c B32 | 0.0 | 1.10 | 2.14 | 2.37 | 2.60 | 2.70 | 2.75 | 2.94 | 0.0 | |
| c B35 | 0.0 | 1.67 | 2.17 | 2.34 | 2.50 | 2.70 | 2.75 | 2.94 | 0.0 | |
| B39 | 0.0 | 1.34 | 1.86 | 2.03 | 2.39 | 2.65 | 2.72 | 2.89 | 0.0 | |
| B43 | 0.0 | 1.75 | 1.92 | 2.00 | 2.18 | 2.41 | 2.51 | 2.67 | 0.0 | |
| B48 | 0.0 | 1.94 | 2.05 | 2.14 | 2.29 | 2.50 | 2.53 | 2.60 | 0.0 | |
| B53 | 0.0 | 1.93 | 2.08 | 2.15 | 2.35 | 2.57 | 2.62 | 2.76 | 0.0 | |
| B57 | 0.0 | 1.83 | 1.99 | 2.06 | 2.26 | 2.52 | 2.58 | 2.71 | 0.0 | |
| E60 | 0.0 | 1.85 | 2.03 | 2.10 | 2.28 | 2.55 | 2.62 | 2.81 | 0.0 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| c B63 | 0.0 | 1.45 | 2.24 | 2.43 | 2.69 | 2.90 | 3.00 | 3.17 | 0.0 |
| c B67 | 0.0 | 2.01 | 2.39 | 2.51 | 2.69 | 2.87 | 2.97 | 3.19 | 0.0 |
| B129 | 0.0 | 1.78 | 1.98 | 2.10 | 2.36 | 2.62 | 2.72 | 3.04 | 0.0 |
| B130 | 0.0 | 1.85 | 2.06 | 2.17 | 2.45 | 2.66 | 2.74 | 3.06 | 0.0 |
| B131 | 0.0 | 1.87 | 2.09 | 2.19 | 2.45 | 2.64 | 2.73 | 3.00 | 0.0 |
| B132 | 0.0 | 1.81 | 2.06 | 2.17 | 2.45 | 2.65 | 2.71 | 3.00 | 0.0 |
| B133 | 0.0 | 1.50 | 1.86 | 1.97 | 2.22 | 2.53 | 2.62 | 2.83 | 0.0 |
| B134 | 0.0 | 1.75 | 1.95 | 2.06 | 2.31 | 2.55 | 2.64 | 2.87 | 0.0 |
| B135 | 0.0 | 1.81 | 2.00 | 2.11 | 2.35 | 2.57 | 2.66 | 2.92 | 0.0 |
| B136 | 0.0 | 1.70 | 1.95 | 2.06 | 2.32 | 2.56 | 2.65 | 2.90 | 0.0 |
| B137 | 0.0 | 1.45 | 1.85 | 1.97 | 2.20 | 2.48 | 2.58 | 2.80 | 0.0 |
| B138 | 0.0 | 1.23 | 1.86 | 2.03 | 2.34 | 2.60 | 2.69 | 2.95 | 0.0 |
| B139 | 0.0 | 1.58 | 2.03 | 2.17 | 2.55 | 2.70 | 2.80 | 3.10 | 0.0 |
| B140 | 0.0 | 1.60 | 2.07 | 2.22 | 2.53 | 2.69 | 2.77 | 3.08 | 0.0 |
| B141 | 0.0 | 1.64 | 1.93 | 2.14 | 2.46 | 2.70 | 2.83 | 3.12 | 0.0 |
| B142 | 0.0 | 1.13 | 1.85 | 2.00 | 2.33 | 2.62 | 2.69 | 2.97 | 0.0 |
| B143 | 0.0 | 1.73 | 2.03 | 2.17 | 2.50 | 2.70 | 2.83 | 3.10 | 0.0 |
| B144 | 0.0 | 1.10 | 1.75 | 1.87 | 2.17 | 2.50 | 2.64 | 2.95 | 0.0 |
| B145 | 0.0 | 1.28 | 1.85 | 1.95 | 2.27 | 2.60 | 2.70 | 3.00 | 0.0 |
| B146 | 0.0 | 1.35 | 1.89 | 2.03 | 2.34 | 2.65 | 2.76 | 3.08 | 0.0 |
| B147 | 0.0 | 1.38 | 1.97 | 2.13 | 2.45 | 2.68 | 2.78 | 3.04 | 0.0 |
| B148 | 0.0 | -4.80 | -3.30 | -0.95 | 1.50 | 2.50 | 2.67 | 3.04 | 0.0 |
| c B148 | 0.0 | -0.68 | -0.54 | -0.50 | 2.06 | 2.60 | 2.75 | 3.11 | 0.0 |
| B149 | 0.0 | -4.80 | -3.30 | 1.15 | 2.07 | 2.55 | 2.70 | 3.04 | 0.0 |
| c B149 | 0.0 | 0.95 | 1.70 | 1.90 | 2.25 | 2.64 | 2.78 | 3.08 | 0.0 |
| B150 | 0.0 | -4.80 | -3.30 | 1.30 | 2.22 | 2.65 | 2.80 | 3.15 | 0.0 |
| c B150 | 0.0 | 0.48 | 1.78 | 1.95 | 2.37 | 2.70 | 2.86 | 3.14 | 0.0 |
| B151 | 0.0 | -4.80 | -3.30 | -0.72 | 2.05 | 2.56 | 2.70 | 3.05 | 0.0 |
| c B151 | 0.0 | -0.14 | 1.40 | 1.85 | 2.30 | 2.67 | 2.80 | 3.08 | 0.0 |
| B152 | 0.0 | -4.80 | -3.30 | 1.10 | 2.22 | 2.75 | 2.82 | 3.15 | 0.0 |
| c B152 | 0.0 | 0.45 | 1.78 | 1.99 | 2.49 | 2.79 | 2.87 | 3.10 | 0.0 |
| c B153 | 0.0 | -0.57 | 0.05 | 0.93 | 1.93 | 2.40 | 2.66 | 3.07 | 0.0 |
| c B154 | 0.0 | -0.52 | 0.64 | 1.35 | 2.16 | 2.66 | 2.85 | 3.20 | 0.0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| c B155 | 0.0 | -0.54 | 0.04 | 0.74 | 1.80 | 2.25 | 2.54 | 2.97 | 0.0 |
| M5 | 0.0 | 1.96 | 2.20 | 2.30 | 2.50 | 2.67 | 2.73 | 2.90 | 0.0 |
| c F15 | 0.0 | -0.59 | -0.38 | 0.15 | 1.05 | 1.49 | 1.85 | 2.50 | 0.0 |
| M21 | 0.0 | 1.00 | 1.44 | 1.54 | 1.84 | 1.95 | 2.05 | 2.38 | 0.0 |
| c M39 | 0.0 | -0.50 | 0.73 | 1.28 | 2.25 | 2.70 | 2.84 | 3.17 | 0.0 |
| c M41 | 0.0 | 1.50 | 2.11 | 2.23 | 2.51 | 2.70 | 2.82 | 3.12 | 0.0 |
| c M45 | 0.0 | -0.65 | -0.54 | -0.50 | 0.91 | 1.32 | 1.49 | 2.20 | 0.0 |
| c F47 | 0.0 | -0.53 | 0.02 | 0.58 | 2.04 | 2.42 | 2.55 | 2.71 | 0.0 |
| c M48 | 0.0 | -0.66 | -0.55 | -0.50 | 0.07 | 1.26 | 1.92 | 2.65 | 0.0 |
| M73 | 0.0 | 1.29 | 1.62 | 1.79 | 1.92 | 2.09 | 2.15 | 2.37 | 0.0 |
| M78 | 0.0 | 1.76 | 1.97 | 2.12 | 2.47 | 2.69 | 2.78 | 3.04 | 0.0 |
| c F93 | 0.0 | 0.31 | 1.31 | 1.68 | 2.12 | 2.60 | 2.71 | 3.12 | 0.0 |
| M99 | 0.0 | 1.55 | 1.77 | 1.82 | 1.93 | 2.09 | 2.16 | 2.45 | 0.0 |
| M129 | 0.0 | 1.30 | 1.84 | 1.92 | 2.19 | 2.50 | 2.62 | 2.84 | 0.0 |
| M130 | 0.0 | 2.05 | 2.45 | 2.56 | 2.79 | 3.00 | 3.06 | 3.25 | 0.0 |
| c F152 | 0.0 | 0.40 | 1.24 | 1.50 | 1.89 | 2.10 | 2.17 | 2.42 | 0.0 |
| F161 | 0.0 | 1.72 | 1.88 | 1.94 | 2.07 | 2.24 | 2.32 | 2.55 | 0.0 |
| M171 | 0.0 | 1.87 | 2.05 | 2.12 | 2.30 | 2.53 | 2.60 | 2.74 | 0.0 |
| F185 | 0.0 | 1.17 | 1.50 | 1.72 | 1.89 | 2.07 | 2.14 | 2.42 | 0.0 |
| M192 | 0.0 | 1.55 | 1.84 | 1.92 | 2.14 | 2.39 | 2.50 | 2.67 | 0.0 |
| M196 | 0.0 | 1.86 | 2.41 | 2.67 | 2.89 | 3.08 | 3.15 | 3.31 | 0.0 |
| F205 | 0.0 | 1.77 | 1.93 | 2.00 | 2.14 | 2.34 | 2.45 | 2.70 | 0.0 |
| M210 | 0.0 | 1.80 | 1.96 | 2.04 | 2.24 | 2.42 | 2.50 | 2.69 | 0.0 |
| c F218 | 0.0 | 0.54 | 1.12 | 1.35 | 1.88 | 2.11 | 2.20 | 2.47 | 0.0 |
| M252 | 0.0 | 1.25 | 1.54 | 1.78 | 1.94 | 2.15 | 2.25 | 2.57 | 0.0 |
| M283 | 0.0 | 2.04 | 2.17 | 2.25 | 2.46 | 2.70 | 2.83 | 3.14 | 0.0 |
| M303 | 0.0 | 2.34 | 2.71 | 3.09 | 3.74 | 3.76 | 3.78 | 3.82 | 0.0 |
| F316 | 0.0 | 2.72 | 2.98 | 3.12 | 3.74 | 3.76 | 3.78 | 3.82 | 0.0 |
| M355 | 0.0 | 2.04 | 2.24 | 2.39 | 2.64 | 2.94 | 3.14 | 3.54 | 0.0 |
| B113/157 | 0.0 | 2.13 | 2.50 | 2.60 | 2.80 | 3.04 | 3.15 | 3.45 | 0.0 |
| D | 0.0 | -1.30 | -0.84 | -0.61 | 1.27 | 2.30 | 2.45 | 2.66 | 0.0 |
| E | 0.0 | 0.25 | 0.55 | 0.70 | 1.03 | 1.25 | 1.38 | 1.70 | 0.0 |
| F | 0.0 | 1.87 | 2.05 | 2.14 | 2.36 | 2.57 | 2.62 | 2.86 | 0.0 |
| sF | 0.0 | 1.85 | 2.00 | 2.10 | 2.29 | 2.53 | 2.60 | 2.74 | 0.0 |

Test samples

Prefix c denotes that value has been adjusted for removal of 2.0 mm material from cumulative curve.

# APPENDIX VIII

## SAND SAMPLE SEDIMENTATION TUBE ANALYSES

## VALUES IN Ø

## percentiles

nos B one to B fifty one;

| Ø0; 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| -0.03; | -0.47; | -0.13; | 0.23; | 0.55; | 0.68; | 1.12; | 2.03; | 2.20; | 1 |
| 1.82; | 1.92; | 1.96; | 2.07; | 2.23; | 2.48; | 2.54; | 2.75; | 2.91; | 2 |
| 1.53; | 1.82; | 1.86; | 1.96; | 2.19; | 2.48; | 2.60; | 2.76; | 2.85; | 3 |
| -1.03; | -0.90; | -0.60; | -0.45; | -0.25; | 0.11; | 0.44; | 1.75; | 2.14; | 5 |
| -1.02; | -0.73; | -0.48; | -0.29; | 0.20; | 1.79; | 2.06; | 2.39; | 2.63; | 6 |
| 1.01; | 1.12; | 1.27; | 1.33; | 1.53; | 1.70; | 1.83; | 2.13; | 2.34; | 7 |
| -1.02; | -0.80; | -0.48; | -0.34; | 0.03; | 0.36; | 0.71; | 1.48; | 1.89; | 8 |
| 1.92; | 1.96; | 2.07; | 2.10; | 2.28; | 2.44; | 2.60; | 2.77; | 2.95; | 9 |
| 0.30; | 0.55; | 1.10; | 1.33; | 1.70; | 2.03; | 2.19; | 2.48; | 2.70; | 10 |
| 1.86; | 1.92; | 1.96; | 2.07; | 2.19; | 2.37; | 2.48; | 2.70; | 2.77; | 11 |
| 1.92; | 2.07; | 2.16; | 2.23; | 2.34; | 2.54; | 2.67; | 2.76; | 2.86; | 12 |
| -0.50; | -0.34; | 0.23; | 0.48; | 0.81; | 1.34; | 1.53; | 1.94; | 2.18; | 13 |
| 0.78; | 1.56; | 1.72; | 1.80; | 1.93; | 2.20; | 2.33; | 2.55; | 2.65; | 14 |
| 1.53; | 1.70; | 1.92; | 2.03; | 2.16; | 2.31; | 2.37; | 2.60; | 2.72; | 15 |
| -0.31; | -0.11; | 0.35; | 0.56; | 0.78; | 1.10; | 1.26; | 1.55; | 1.77; | 16 |
| -0.89; | -0.63; | -0.29; | 0.07; | 0.32; | 0.58; | 0.70; | 0.90; | 1.09; | 17 |
| 0.75; | 1.08; | 1.25; | 1.42; | 1.66; | 1.86; | 1.96; | 2.18; | 2.36; | 19 |
| -0.67; | -0.50; | -0.05; | 0.36; | 0.81; | 1.64; | 1.92; | 2.19; | 2.3; | 20 |
| -0.60; | -0.50; | 0.03; | 1.29; | 1.82; | 2.09; | 2.22; | 2.48; | 2.57; | 21 |
| 1.50; | 1.72; | 1.79; | 1.84; | 1.96; | 2.17; | 2.30; | 2.46; | 2.58; | 22 |
| 1.16; | 1.51; | 1.63; | 1.70; | 1.82; | 2.14; | 2.31; | 2.51; | 2.64; | 23 |
| 1.02; | 1.42; | 1.78; | 1.89; | 2.10; | 2.30; | 2.37; | 2.62; | 2.75; | 24 |
| 1.62; | 1.66; | 1.71; | 1.75; | 1.85; | 1.96; | 2.09; | 2.36; | 2.40; | 25 |
| 1.06; | 1.17; | 1.33; | 1.45; | 1.72; | 1.93; | 2.03; | 2.32; | 2.48; | 26 |
| 1.30; | 1.54; | 1.66; | 1.73; | 1.90; | 2.16; | 2.30; | 2.56; | 2.68; | 27 |
| 1.14; | 1.23; | 1.33; | 1.47; | 1.66; | 1.85; | 2.09; | 2.33; | 2.48; | 28 |
| 1.70; | 1.75; | 1.82; | 1.86; | 1.96; | 2.19; | 2.31; | 2.40; | 2.63; | 29 |
| 1.62; | 1.86; | 1.96; | 2.03; | 2.19; | 2.44; | 2.54; | 2.67; | 2.79; | 30 |
| 0.14; | 0.48; | 1.10; | 1.41; | 1.75; | 2.14; | 2.33; | 2.57; | 2.69; | 1/30 |
| 1.79; | 2.03; | 2.07; | 2.23; | 2.34; | 2.60; | 2.72; | 2.85; | 2.93; | 31 |
| 1.33; | 1.82; | 2.03; | 2.10; | 2.34; | 2.60; | 2.75; | 2.87; | 2.98; | 32 |
| 1.96; | 2.10; | 2.23; | 2.37; | 2.54; | 2.76; | 2.82; | 2.96; | 3.10; | 33 |
| 1.62; | 1.92; | 2.10; | 2.19; | 2.34; | 2.60; | 2.75; | 2.89; | 3.02; | 34 |
| 1.82; | 1.92; | 1.96; | 2.10; | 2.34; | 2.65; | 2.76; | 2.87; | 2.98; | 35 |
| 2.07; | 2.16; | 2.28; | 2.37; | 2.57; | 2.80; | 2.86; | 2.99; | 3.11; | 36 |
| 1.96; | 2.03; | 2.10; | 2.16; | 2.31; | 2.57; | 2.70; | 2.85; | 2.98; | 37 |
| 1.75; | 1.92; | 1.96; | 2.10; | 2.23; | 2.54; | 2.70; | 2.86; | 2.98; | 38 |
| 1.33; | 1.70; | 1.86; | 1.96; | 2.33; | 2.48; | 2.63; | 2.80; | 2.91; | 39 |
| 2.07; | 2.10; | 2.19; | 2.31; | 2.48; | 2.76; | 2.85; | 2.99; | 3.08; | 40 |
| 1.82; | 1.86; | 1.92; | 1.96; | 2.10; | 2.31; | 2.41; | 2.60; | 2.76; | 41 |
| 1.86; | 1.86; | 1.92; | 2.07; | 2.19; | 2.37; | 2.51; | 2.67; | 2.79; | 42 |
| 1.70; | 1.82; | 1.86; | 1.92; | 2.07; | 2.31; | 2.44; | 2.63; | 2.75; | 43 |
| 1.86; | 1.92; | 2.03; | 2.07; | 2.19; | 2.44; | 2.57; | 2.75; | 2.93; | 44 |
| 1.96; | 2.10; | 2.19; | 2.28; | 2.41; | 2.57; | 2.67; | 2.82; | 2.93; | 45 |
| 1.75; | 1.82; | 1.92; | 2.03; | 2.23; | 2.41; | 2.51; | 2.72; | 2.83; | 46 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.16; | 2.41; | 2.48; | 2.67; | 2.77; | 47 |
| 1.92; | 2.03; | 2.07; | 2.10; | 2.23; | 2.44; | 2.57; | 2.75; | 2.82; | 48 |
| 1.82; | 1.86; | 1.92; | 1.96; | 2.16; | 2.37; | 2.48; | 2.70; | 2.86; | 49 |
| 1.92; | 1.96; | 2.03; | 2.10; | 2.31; | 2.54; | 2.63; | 2.79; | 2.88; | 50 |
| 1.92; | 1.96; | 2.03; | 2.07; | 2.16; | 2.37; | 2.51; | 2.75; | 2.85; | 51 |

→

nos B fifty two to B ninty nine;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.92; | 2.03; | 2.07; | 2.10; | 2.28; | 2.44; | 2.60; | 2.77; | 2.89; | 52 |
| 1.92; | 1.96; | 2.03; | 2.16; | 2.23; | 2.44; | 2.57; | 2.76; | 2.85; | 53 |
| 1.92; | 1.96; | 2.03; | 2.10; | 2.28; | 2.48; | 2.60; | 2.76; | 2.86; | 54 |
| 1.92; | 1.96; | 2.03; | 2.10; | 2.23; | 2.44; | 2.60; | 2.77; | 2.86; | 55 |
| 1.92; | 2.03; | 2.10; | 2.19; | 2.31; | 2.60; | 2.70; | 2.86; | 2.99; | 56 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.10; | 2.34; | 2.48; | 2.70; | 2.78; | 57 |
| 1.82; | 1.86; | 1.92; | 2.03; | 2.10; | 2.44; | 2.60; | 2.77; | 2.88; | 58 |
| 1.86; | 1.92; | 2.03; | 2.16; | 2.37; | 2.60; | 2.70; | 2.83; | 3.02; | 31/58 |
| 1.82; | 1.86; | 1.92; | 1.96; | 2.10; | 2.31; | 2.41; | 2.60; | 2.76; | 59 |
| 1.70; | 1.82; | 1.96; | 2.07; | 2.23; | 2.41; | 2.54; | 2.70; | 2.80; | 60 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.16; | 2.44; | 2.63; | 2.79; | 2.89; | 61 |
| 1.33; | 1.70; | 1.92; | 2.07; | 2.23; | 2.48; | 2.63; | 2.77; | 2.89; | 62 |
| 1.53; | 1.92; | 2.07; | 2.16; | 2.34; | 2.70; | 2.79; | 2.99; | 3.12; | 63 |
| 2.57; | 2.63; | 2.75; | 2.80; | 3.05; | 3.27; | 3.34; | 3.50; | 3.60; | 64 |
| 1.75; | 1.92; | 2.03; | 2.07; | 2.19; | 2.41; | 2.54; | 2.79; | 2.89; | 65 |
| 0.30; | 0.97; | 1.75; | 1.82; | 2.07; | 2.44; | 2.65; | 2.85; | 3.02; | 66 |
| 1.96; | 2.07; | 2.31; | 2.44; | 2.63; | 2.79; | 2.88; | 3.08; | 3.26; | 67 |
| 0.30; | 0.97; | 1.82; | 2.19; | 2.44; | 2.77; | 2.87; | 3.11; | 3.32; | 68 |
| 1.70; | 1.92; | 2.03; | 2.16; | 2.34; | 2.60; | 2.76; | 2.95; | 3.13; | 59/68 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.10; | 2.34; | 2.57; | 2.77; | 2.89; | 69 |
| 1.58; | 1.82; | 1.89; | 1.97; | 2.20; | 2.41; | 2.53; | 2.77; | 2.88; | 70 |
| 1.86; | 1.96; | 2.07; | 2.16; | 2.31; | 2.54; | 2.70; | 2.86; | 2.98; | 71 |
| 1.82; | 1.92; | 1.96; | 2.03; | 2.10; | 2.44; | 2.65; | 2.80; | 2.95; | 72 |
| 1.70; | 1.86; | 2.03; | 2.10; | 2.34; | 2.76; | 2.95; | 3.41; | 3.76; | 73 |
| 1.22; | 1.33; | 1.53; | 1.70; | 1.96; | 2.37; | 2.75; | 3.31; | 3.71; | 74 |
| 1.44; | 1.75; | 1.92; | 2.10; | 2.44; | 2.82; | 3.05; | 3.49; | 3.87; | 75 |
| -0.03; | -0.42; | 0.11; | 0.52; | 1.12; | 1.77; | 2.08; | 2.30; | 3.07; | 76 |
| 2.20; | 2.31; | 2.41; | 2.51; | 2.72; | 2.85; | 2.93; | 3.11; | 3.30; | 77 |
| 1.62; | 1.92; | 2.03; | 2.10; | 2.28; | 2.54; | 2.65; | 2.83; | 2.96; | 78 |
| 1.10; | 1.37; | 1.49; | 1.63; | 1.94; | 2.23; | 2.36; | 2.59; | 2.70; | 79 |
| 1.86; | 1.96; | 2.03; | 2.16; | 2.37; | 2.57; | 2.70; | 2.87; | 3.08; | 80 |
| 1.86; | 2.07; | 2.16; | 2.28; | 2.48; | 2.75; | 2.83; | 3.29; | 3.71; | 81 |
| 1.92; | 2.03; | 2.07; | 2.10; | 2.28; | 2.54; | 2.70; | 2.86; | 2.98; | 82 |
| 1.70; | 1.75; | 1.96; | 2.07; | 2.31; | 2.57; | 2.67; | 2.82; | 2.93; | 83 |
| 2.31; | 2.34; | 2.44; | 2.57; | 2.79; | 2.96; | 3.11; | 3.38; | 3.62; | 84 |
| 2.03; | 2.07; | 2.10; | 2.23; | 2.34; | 2.57; | 2.67; | 2.72; | 2.96; | 85 |
| 1.92; | 2.03; | 2.07; | 2.16; | 2.28; | 2.51; | 2.63; | 2.82; | 2.95; | 86 |
| 2.31; | 2.37; | 2.51; | 2.65; | 2.88; | 3.13; | 3.30; | 3.56; | 3.74; | 87 |
| 2.16; | 2.19; | 2.31; | 2.37; | 2.57; | 2.77; | 2.86; | 3.04; | 3.28; | 88 |
| 1.82; | 1.86; | 1.96; | 2.07; | 2.23; | 2.48; | 2.60; | 2.77; | 2.80; | 89 |
| 2.10; | 2.19; | 2.28; | 2.34; | 2.48; | 2.70; | 2.77; | 2.96; | 3.15; | 90 |
| 2.07; | 2.10; | 2.19; | 2.28; | 2.44; | 2.63; | 2.75; | 2.86; | 2.99; | 91 |
| 1.86; | 1.96; | 2.03; | 2.10; | 2.23; | 2.44; | 2.60; | 2.76; | 2.86; | 92 |
| 1.92; | 1.96; | 2.07; | 2.19; | 2.34; | 2.57; | 2.67; | 2.86; | 2.99; | 93 |
| 1.92; | 1.96; | 2.03; | 2.10; | 2.28; | 2.57; | 2.70; | 2.93; | 3.07; | 94 |
| 1.96; | 2.03; | 2.10; | 2.19; | 2.34; | 2.63; | 2.77; | 2.96; | 3.08; | 95 |
| 2.10; | 2.19; | 2.23; | 2.34; | 2.48; | 2.72; | 2.82; | 2.96; | 3.10; | 96 |
| 1.92; | 1.96; | 2.07; | 2.16; | 2.31; | 2.51; | 2.63; | 2.79; | 2.87; | 97 |
| 2.07; | 2.16; | 2.28; | 2.37; | 2.60; | 2.82; | 2.93; | 3.18; | 3.44; | 98 |
| 2.03; | 2.10; | 2.16; | 2.23; | 2.34; | 2.57; | 2.70; | 2.83; | 2.96; | 99 |

->

nos B one hundred to B one hundred and forty nine;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.92; | 1.96; | 2.03; | 2.07; | 2.23; | 2.44; | 2.60; | 2.70; | 2.87; | 100 |
| 2.10; | 2.19; | 2.26; | 2.37; | 2.57; | 2.61; | 2.96; | 3.20; | 3.42; | 101 |
| 2.03; | 2.10; | 2.19; | 2.26; | 2.48; | 2.70; | 2.80; | 3.02; | 3.22; | 102 |
| 1.92; | 1.96; | 2.03; | 2.07; | 2.23; | 2.37; | 2.54; | 2.75; | 2.86; | 103 |
| 1.96; | 2.07; | 2.19; | 2.34; | 2.60; | 2.77; | 2.86; | 3.08; | 3.20; | 104 |
| 1.96; | 2.03; | 2.07; | 2.10; | 2.28; | 2.48; | 2.60; | 2.77; | 2.89; | 105 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.16; | 2.37; | 2.57; | 2.75; | 2.81; | 106 |
| 1.82; | 2.15; | 2.32; | 2.45; | 2.74; | 3.10; | 3.30; | 3.77; | 4.04; | 107 |
| 2.03; | 2.10; | 2.16; | 2.28; | 2.48; | 2.70; | 2.80; | 2.99; | 3.12; | 108 |
| 1.86; | 1.92; | 2.03; | 2.07; | 2.19; | 2.44; | 2.60; | 2.76; | 2.87; | 109 |
| 1.75; | 1.86; | 1.96; | 2.03; | 2.10; | 2.41; | 2.57; | 2.72; | 2.83; | 110 |
| 1.96; | 2.07; | 2.16; | 2.23; | 2.48; | 2.70; | 2.80; | 2.99; | 3.15; | 111 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.19; | 2.41; | 2.48; | 2.65; | 2.78; | 112 |
| 1.92; | 1.96; | 2.03; | 2.10; | 2.28; | 2.44; | 2.60; | 2.80; | 2.94; | 113 |
| 2.31; | 2.37; | 2.51; | 2.63; | 2.80; | 2.96; | 3.08; | 3.29; | 3.52; | 114 |
| 1.96; | 2.03; | 2.10; | 2.19; | 2.37; | 2.57; | 2.67; | 2.83; | 2.99; | 115 |
| 1.82; | 1.92; | 1.96; | 2.03; | 2.10; | 2.28; | 2.37; | 2.60; | 2.70; | 116 |
| 2.19; | 2.31; | 2.44; | 2.60; | 2.78; | 2.99; | 3.09; | 3.30; | 3.44; | 117 |
| 1.92; | 2.03; | 2.16; | 2.23; | 2.44; | 2.67; | 2.76; | 2.97; | 3.02; | 118 |
| 1.92; | 2.03; | 2.07; | 2.10; | 2.23; | 2.41; | 2.60; | 2.77; | 2.84; | 119 |
| 2.31; | 2.37; | 2.48; | 2.63; | 2.81; | 3.06; | 3.18; | 3.44; | 3.74; | 120 |
| 1.22; | 1.53; | 1.75; | 1.86; | 2.10; | 2.34; | 2.51; | 2.75; | 2.84; | 121 |
| 1.82; | 1.75; | 1.96; | 2.10; | 2.28; | 2.48; | 2.60; | 2.78; | 2.87; | 122 |
| 2.34; | 2.41; | 2.57; | 2.65; | 2.80; | 3.02; | 3.12; | 3.34; | 3.47; | 123 |
| 1.86; | 1.96; | 2.07; | 2.23; | 2.41; | 2.67; | 2.76; | 2.89; | 3.00; | 124 |
| 1.75; | 1.92; | 2.03; | 2.10; | 2.31; | 2.57; | 2.70; | 2.87; | 2.99; | 125 |
| 2.26; | 2.31; | 2.41; | 2.48; | 2.75; | 2.93; | 3.03; | 3.37; | 3.62; | 126 |
| 1.86; | 1.92; | 2.03; | 2.16; | 2.48; | 2.70; | 2.80; | 2.93; | 3.05; | 127 |
| 1.86; | 1.92; | 2.03; | 2.16; | 2.48; | 2.70; | 2.80; | 2.93; | 3.05; | 128 |
| 1.35; | 1.82; | 1.92; | 2.03; | 2.23; | 2.60; | 2.72; | 2.86; | 2.96; | 129 |
| 1.82; | 1.92; | 1.96; | 2.07; | 2.19; | 2.44; | 2.57; | 2.80; | 2.99; | 130 |
| 1.92; | 2.03; | 2.07; | 2.16; | 2.34; | 2.57; | 2.70; | 2.86; | 3.05; | 131 |
| 2.03; | 2.07; | 2.19; | 2.23; | 2.37; | 2.60; | 2.72; | 2.91; | 3.13; | 132 |
| 1.82; | 1.86; | 2.03; | 2.10; | 2.23; | 2.41; | 2.63; | 2.86; | 3.05; | 133 |
| 1.82; | 1.86; | 1.96; | 2.07; | 2.19; | 2.41; | 2.57; | 2.76; | 2.91; | 134 |
| 1.70; | 1.75; | 1.82; | 1.86; | 1.96; | 2.31; | 2.48; | 2.72; | 2.83; | 135 |
| 1.86; | 1.92; | 2.03; | 2.07; | 2.23; | 2.44; | 2.60; | 2.81; | 2.97; | 136 |
| 1.33; | 1.70; | 1.75; | 1.86; | 2.10; | 2.44; | 2.60; | 2.78; | 2.96; | 137 |
| 1.70; | 1.86; | 1.92; | 1.96; | 2.16; | 2.41; | 2.54; | 2.76; | 2.87; | 138 |
| 1.10; | 1.44; | 1.75; | 1.86; | 2.28; | 2.51; | 2.67; | 2.84; | 3.11; | 139 |
| 1.44; | 1.82; | 1.90; | 1.96; | 2.34; | 2.60; | 2.75; | 2.93; | 3.12; | 140 |
| 1.33; | 1.86; | 1.96; | 1.96; | 2.28; | 2.60; | 2.75; | 2.93; | 3.06; | 141 |
| 1.44; | 1.82; | 1.90; | 1.96; | 2.23; | 2.44; | 2.63; | 2.93; | 3.13; | 142 |
| 1.86; | 1.96; | 2.07; | 2.07; | 2.34; | 2.63; | 2.78; | 3.02; | 3.29; | 143 |
| 1.22; | 1.82; | 2.03; | 2.10; | 2.31; | 2.60; | 2.75; | 2.89; | 3.15; | 144 |
| 0.97; | 1.36; | 1.50; | 1.58; | 1.73; | 2.25; | 2.45; | 2.70; | 2.87; | 145 |
| 1.44; | 1.70; | 1.82; | 1.92; | 2.10; | 2.41; | 2.65; | 2.87; | 3.05; | 146 |
| 1.82; | 1.92; | 1.96; | 2.07; | 2.19; | 2.54; | 2.70; | 2.94; | 3.15; | 147 |
| 1.70; | 1.75; | 1.86; | 1.92; | 2.10; | 2.51; | 2.70; | 2.96; | 3.14; | 148 |
| 0.26; | 1.22; | 1.82; | 1.96; | 2.19; | 2.51; | 2.72; | 3.02; | 3.40; | 149 |
| 1.70; | 1.86; | 1.96; | 2.07; | 2.28; | 2.51; | 2.70; | 2.96; | 3.16; | |

nos 3 one hundred and fifty to two nundred and thirty four

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 0.20 | 0.70 | 1.02 | 1.02 | 2.07 | 2.51 | 2.70 | 2.53 | 3.12 | 150 |
| 0.70 | 1.33 | 1.02 | 1.92 | 2.10 | 2.54 | 2.77 | 3.04 | 3.44 | 151 |
| -0.11 | 0.37 | 1.02 | 1.02 | 2.07 | 2.44 | 2.70 | 2.53 | 3.15 | 152 |
| -0.52 | -0.40 | 0.70 | 1.22 | 1.70 | 2.23 | 2.54 | 2.91 | 3.17 | 153 |
| -0.11 | 0.30 | 1.10 | 1.33 | 1.92 | 2.31 | 2.60 | 3.02 | 3.29 | 154 |
| -0.4 | -0.11 | 0.97 | 1.33 | 1.86 | 2.31 | 2.54 | 3.01 | 3.20 | 155 |
| 1.19 | 2.23 | 2.34 | 2.40 | 2.72 | 2.90 | 3.06 | 3.32 | 3.55 | 156 |
| 1.92 | 1.96 | 2.07 | 2.10 | 2.31 | 2.51 | 2.63 | 2.83 | 3.02 | 157 |
| 0.27 | 0.55 | 1.10 | 1.33 | 1.82 | 2.28 | 2.57 | 3.00 | 3.28 | 158 |
| 1.52 | 2.03 | 2.10 | 2.19 | 2.57 | 2.63 | 2.75 | 2.90 | 3.11 | 159 |
| 2.4 | 2.57 | 2.70 | 2.77 | 2.94 | 3.16 | 3.31 | 3.50 | 3.61 | 160 |
| 2.1 | 2.19 | 2.31 | 2.41 | 2.57 | 2.78 | 2.07 | 3.08 | 3.29 | 161 |
| 1.33 | 1.75 | 1.02 | 1.92 | 2.07 | 2.41 | 2.57 | 2.76 | 2.81 | 162 |
| 2.1 | 2.4 | 2.44 | 2.60 | 2.61 | 3.00 | 3.13 | 3.34 | 3.49 | 163 |
| 2.05 | 2.10 | 2.20 | 2.37 | 2.57 | 2.76 | 2.83 | 2.99 | 3.09 | 164 |
| 0.55 | 0.57 | 1.53 | 1.70 | 1.92 | 2.10 | 2.28 | 2.46 | 2.63 | 165 |
| 2.1 | 2.19 | 2.28 | 2.37 | 2.57 | 2.80 | 2.86 | 3.05 | 3.20 | 166 |
| 1.70 | 1.86 | 1.92 | 2.03 | 2.10 | 2.31 | 2.44 | 2.70 | 2.83 | 167 |
| 1.86 | 2.07 | 2.10 | 2.23 | 2.41 | 2.63 | 2.75 | 2.89 | 3.03 | 168 |
| 2.19 | 2.28 | 2.31 | 2.41 | 2.60 | 2.80 | 2.89 | 3.05 | 3.25 | 169 |
| 2.10 | 2.10 | 2.23 | 2.31 | 2.44 | 2.70 | 2.83 | 3.11 | 3.53 | 170 |
| 1.80 | 1.92 | 2.03 | 2.07 | 2.16 | 2.37 | 2.51 | 2.67 | 2.81 | 171 |
| 1.92 | 1.96 | 2.03 | 2.10 | 2.28 | 2.48 | 2.63 | 2.80 | 2.97 | 172 |
| 1.82 | 1.92 | 2.03 | 2.10 | 2.28 | 2.48 | 2.60 | 2.83 | 3.00 | 173 |
| 1.73 | 1.82 | 1.86 | 1.96 | 2.07 | 2.28 | 2.41 | 2.65 | 2.77 | 174 |
| 1.82 | 1.86 | 1.92 | 1.96 | 2.16 | 2.41 | 2.60 | 2.77 | 2.89 | 175 |
| 1.80 | 2.03 | 2.10 | 2.19 | 2.34 | 2.67 | 2.80 | 2.97 | 3.33 | 176 |
| 1.62 | 1.86 | 1.92 | 1.96 | 2.07 | 2.34 | 2.44 | 2.65 | 2.76 | 177 |
| 1.92 | 1.96 | 2.03 | 2.10 | 2.19 | 2.48 | 2.63 | 2.80 | 2.96 | 178 |
| 1.92 | 2.03 | 2.07 | 2.10 | 2.34 | 2.60 | 2.72 | 2.99 | 3.32 | 179 |
| 1.92 | 2.03 | 2.07 | 2.07 | 2.16 | 2.41 | 2.54 | 2.72 | 2.89 | 180 |
| 1.82 | 1.80 | 1.96 | 2.48 | 2.65 | 2.81 | 2.93 | 3.30 | 3.44 | 181 |
| 2.28 | 2.31 | 2.37 | 2.28 | 2.48 | 2.76 | 2.84 | 3.09 | 3.29 | 182 |
| 2.07 | 2.10 | 2.19 | 2.19 | 2.41 | 2.67 | 2.78 | 2.99 | 3.14 | 183 |
| 1.80 | 2.03 | 2.10 | 2.19 | 2.41 | 2.67 | 2.78 | 2.99 | 3.14 | 183 |
| -0.92 | -0.45 | 0.70 | 1.04 | 1.62 | 1.96 | 2.19 | 2.46 | 2.70 | 232 |
| -0.97 | -0.05 | -0.69 | -0.60 | -0.45 | -0.24 | -0.05 | 0.32 | 0.78 | 233 |
| 2.07 | 2.13 | 2.16 | 2.28 | 2.41 | 2.61 | 2.76 | 3.09 | 3.53 | 234 |

nos 1 one to 52

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 2.40 | 2.55 | 2.74 | 2.82 | 3.00 | 3.34 | 3.48 | 3.70 | 4.01 | 1 |
| 1.53 | 2.07 | 2.37 | 2.63 | 2.81 | 3.20 | 3.40 | 3.76 | 4.02 | 2 |
| 1.82 | 2.19 | 2.31 | 2.42 | 2.72 | 3.06 | 3.31 | 3.67 | 3.94 | 3 |
| 1.92 | 2.10 | 2.21 | 2.30 | 2.54 | 2.66 | 2.82 | 3.01 | 3.25 | 4 |
| 1.94 | 1.96 | 2.07 | 2.16 | 2.34 | 2.62 | 2.72 | 2.85 | 3.03 | 5 |
| 0.60 | 1.10 | 1.21 | 1.30 | 1.45 | 1.71 | 1.89 | 2.21 | 2.42 | 6 |
| 0.42 | 0.74 | 1.09 | 1.21 | 1.42 | 1.73 | 1.87 | 2.35 | 2.51 | 7 |
| 1.33 | 2.10 | 2.32 | 2.76 | 3.11 | 3.33 | 3.52 | 3.70 | 4.04 | 8 |
| 0.97 | 2.36 | 2.61 | 2.74 | 2.95 | 3.29 | 3.47 | 3.71 | 4.01 | 9 |
| 2.31 | 2.37 | 2.57 | 2.67 | 2.89 | 3.17 | 3.33 | 3.56 | 3.81 | 10 |
| 2.09 | 2.23 | 2.34 | 2.44 | 2.77 | 3.07 | 3.29 | 3.65 | 3.93 | 11 |
| 1.44 | 1.79 | 2.19 | 2.36 | 2.65 | 2.98 | 3.20 | 3.64 | 3.90 | 12 |
| 1.44 | 2.06 | 2.29 | 2.51 | 2.78 | 3.16 | 3.32 | 3.69 | 4.02 | 13 |
| 2.23 | 2.47 | 2.57 | 2.71 | 2.92 | 3.17 | 3.32 | 3.59 | 4.01 | 14 |
| -0.66 | -0.37 | 0.13 | 0.41 | 0.78 | 1.20 | 1.42 | 1.97 | 2.58 | 15 |
| 2.10 | 2.69 | 2.79 | 3.01 | 3.23 | 3.41 | 3.55 | 3.78 | 4.02 | 16 |
| 2.23 | 2.37 | 2.51 | 2.70 | 2.93 | 3.20 | 3.39 | 3.71 | 3.89 | 17 |
| 1.53 | 1.82 | 2.03 | 2.13 | 2.41 | 2.72 | 2.82 | 3.04 | 3.34 | 18 |
| 2.03 | 2.05 | 2.10 | 2.18 | 2.31 | 2.59 | 2.75 | 2.89 | 3.15 | 19 |
| 1.70 | 1.74 | 1.79 | 1.84 | 1.93 | 2.05 | 2.17 | 2.50 | 2.63 | 20 |
| 1.33 | 1.39 | 1.45 | 1.51 | 1.59 | 1.74 | 1.84 | 2.22 | 2.52 | 21 |
| 0.56 | 0.97 | 1.53 | 1.62 | 2.41 | 2.96 | 3.18 | 3.64 | 3.96 | 23 |
| 0.66 | 1.33 | 2.27 | 2.42 | 2.71 | 3.03 | 3.25 | 3.68 | 4.04 | 24 |
| 1.28 | 1.95 | 2.24 | 2.38 | 2.57 | 2.88 | 3.14 | 3.68 | 4.02 | 25 |
| 1.75 | 1.86 | 1.96 | 2.07 | 2.54 | 2.87 | 3.12 | 3.67 | 3.95 | 26 |
| 0.97 | 1.22 | 1.61 | 2.05 | 2.46 | 2.89 | 3.19 | 3.63 | 4.02 | 27 |
| 0.97 | 1.61 | 1.93 | 2.05 | 2.48 | 2.89 | 3.09 | 3.51 | 4.00 | 28 |
| 0.57 | 1.10 | 1.53 | 1.96 | 2.44 | 2.89 | 3.13 | 3.64 | 3.96 | 29 |
| 1.53 | 1.86 | 2.07 | 2.10 | 2.53 | 2.97 | 3.26 | 3.69 | 4.03 | 30 |
| 0.78 | 1.53 | 1.82 | 1.96 | 2.41 | 2.83 | 3.11 | 3.70 | 3.96 | 31 |
| 0.97 | 1.57 | 2.05 | 2.14 | 2.39 | 2.78 | 2.98 | 3.53 | 4.00 | 32 |
| 1.62 | 2.07 | 2.43 | 2.68 | 2.94 | 3.29 | 3.40 | 3.71 | 4.04 | 33 |
| 1.92 | 2.03 | 2.10 | 2.23 | 2.51 | 2.82 | 3.01 | 3.36 | 3.66 | 34 |
| 1.44 | 1.92 | 2.28 | 2.41 | 2.65 | 2.96 | 3.13 | 3.69 | 4.03 | 35 |
| 1.72 | 2.07 | 2.15 | 2.23 | 2.46 | 2.77 | 2.85 | 3.07 | 3.34 | 36 |
| 1.66 | 1.92 | 2.07 | 2.23 | 2.44 | 2.75 | 2.85 | 3.14 | 3.40 | 37 |
| -0.11 | 2.23 | 2.37 | 2.46 | 2.77 | 3.04 | 3.14 | 3.43 | 3.64 | 38 |
| -0.45 | -0.11 | 0.78 | 1.44 | 2.03 | 2.51 | 2.72 | 3.01 | 3.22 | 39 |
| 1.96 | 2.03 | 2.10 | 2.19 | 2.37 | 2.65 | 2.79 | 3.05 | 3.25 | 40 |
| 1.92 | 1.96 | 2.03 | 2.07 | 2.31 | 2.60 | 2.76 | 2.98 | 3.22 | 41 |
| -0.45 | -0.11 | 0.57 | 1.22 | 2.19 | 2.82 | 3.02 | 3.43 | 3.71 | 42 |
| 2.07 | 2.10 | 2.19 | 2.34 | 2.60 | 2.80 | 2.95 | 3.32 | 3.47 | 43 |
| 1.92 | 2.10 | 2.33 | 2.59 | 2.80 | 3.14 | 3.35 | 3.71 | 3.97 | 44 |
| 0.30 | 0.66 | 0.97 | 1.04 | 1.16 | 1.44 | 1.62 | 2.53 | 2.96 | 45 |
| -0.42 | -0.25 | 0.30 | 0.52 | 0.66 | 1.20 | 1.70 | 2.45 | 2.76 | 46 |
| -0.45 | -0.29 | 0.40 | 1.02 | 1.74 | 2.18 | 2.40 | 2.73 | 2.85 | 47 |
| -0.00 | -0.59 | -0.39 | -0.22 | 0.21 | 1.02 | 1.33 | 2.28 | 2.76 | 48 |
| -0.54 | -0.66 | -0.13 | 0.23 | 0.54 | 0.80 | 1.03 | 1.99 | 2.43 | 49 |
| 0.27 | 2.07 | 2.13 | 2.21 | 2.51 | 2.86 | 2.96 | 3.53 | 3.87 | 50 |
| 2.25 | 2.31 | 2.42 | 2.53 | 2.75 | 3.05 | 3.22 | 3.57 | 3.80 | 52 |

nos M fifty five to M one hundred and twelve;

50:

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.86; | 2.16; | 2.34; | 2.46; | 2.69; | 3.01; | 3.18; | 3.65; | 3.81; | 55 |
| 1.96; | 2.03; | 2.13; | 2.28; | 2.66; | 3.04; | 3.31; | 3.75; | 4.05; | 56 |
| 1.92; | 2.16; | 2.31; | 2.48; | 2.74; | 3.01; | 3.18; | 3.44; | 3.64; | 57 |
| 1.96; | 2.18; | 2.32; | 2.46; | 2.73; | 3.11; | 3.34; | 3.72; | 4.04; | 59 |
| 0.28; | 0.78; | 2.09; | 2.30; | 2.77; | 3.28; | 3.45; | 3.80; | 4.04; | 60 |
| 0.84; | 1.07; | 1.33; | 1.50; | 1.74; | 1.98; | 2.13; | 2.36; | 2.59; | 61 |
| 0.42; | 1.05; | 1.46; | 1.58; | 1.71; | 1.87; | 1.98; | 2.21; | 2.33; | 62 |
| -0.11; | 0.97; | 1.44; | 1.58; | 1.82; | 2.03; | 2.16; | 2.54; | 2.74; | 63 |
| 1.62; | 1.70; | 1.73; | 1.82; | 1.89; | 2.05; | 2.16; | [illegible] | [illegible] | 64 |
| 1.66; | 1.73; | 1.82; | 1.84; | 2.00; | 2.10; | 2.31; | 2.50; | 2.64; | 65 |
| 1.44; | 1.58; | 1.70; | 1.79; | 1.89; | 2.19; | 2.31; | 2.54; | 2.66; | 66 |
| 1.86; | 1.92; | 1.96; | 2.05; | 2.18; | 2.34; | 2.50; | 2.65; | 2.71; | 67 |
| 0.03; | 0.80; | 1.40; | 1.58; | 1.83; | 2.04; | 2.10; | 2.39; | 2.49; | 68 |
| 1.84; | 1.92; | 1.96; | 2.03; | 2.13; | 2.31; | 2.43; | 2.64; | 2.75; | 69 |
| 1.72; | 1.76; | 1.82; | 1.87; | 2.02; | 2.17; | 2.28; | 2.46; | 2.59; | 70 |
| 0.37; | 0.93; | 1.16; | 1.27; | 1.54; | 1.77; | 1.89; | 2.13; | 2.31; | 71 |
| 1.62; | 1.66; | 1.73; | 1.79; | 1.89; | 2.08; | 2.18; | 2.45; | 2.63; | 72 |
| 1.30; | 1.38; | 1.46; | 1.52; | 1.71; | 1.84; | 1.86; | 2.33; | 2.44; | 73 |
| 0.55; | 1.04; | 1.27; | 1.37; | 1.50; | 1.67; | 1.76; | 2.16; | 2.35; | 74 |
| 0.97; | 1.04; | 1.10; | 1.22; | 1.44; | 1.62; | 1.70; | 1.89; | 2.13; | 75 |
| 1.66; | 1.70; | 1.82; | 1.86; | 1.96; | 2.34; | 2.54; | 2.77; | 2.89; | 76 |
| 1.86; | 2.03; | 2.07; | 2.19; | 2.37; | 2.65; | 2.80; | 3.02; | 3.20; | 77a |
| 1.92; | 2.10; | 2.19; | 2.31; | 2.54; | 2.80; | 2.87; | 3.11; | 3.32; | 77b |
| 1.70; | 1.86; | 1.96; | 2.03; | 2.23; | 2.57; | 2.75; | 2.91; | 3.14; | 78 |
| -0.20; | 0.20; | 0.69; | 0.80; | 1.06; | 1.41; | 1.62; | 2.05; | 2.34; | 79 |
| 0.97; | 1.44; | 2.03; | 2.37; | 2.77; | 3.11; | 3.36; | 3.73; | 3.94; | 81 |
| 1.10; | 1.22; | 1.33; | 1.44; | 1.53; | 1.75; | 1.92; | 2.10; | 2.31; | 82 |
| 1.53; | 1.96; | 2.28; | 2.51; | 2.79; | 3.22; | 3.31; | 3.78; | 3.97; | 83 |
| -0.49; | -0.31; | 0.20; | 0.42; | 0.68; | 0.91; | 1.08; | 1.71; | 2.09; | 84 |
| -0.74; | -0.45; | 0.03; | 0.39; | 0.75; | 1.49; | 2.03; | 2.48; | 2.67; | 85 |
| 1.86; | 2.10; | 2.44; | 2.65; | 2.88; | 3.22; | 3.40; | 3.80; | 3.96; | 87 |
| 2.34; | 2.41; | 2.54; | 2.65; | 2.77; | 3.01; | 3.14; | 3.42; | 3.56; | 88 |
| 0.76; | 1.75; | 1.86; | 1.96; | 2.19; | 2.57; | 2.76; | 3.02; | 3.22; | 91 |
| 1.70; | 1.73; | 1.82; | 1.92; | 2.07; | 2.23; | 2.37; | 2.67; | 2.79; | 92 |
| 1.44; | 1.82; | 2.23; | 2.34; | 2.54; | 2.85; | 3.05; | 3.40; | 3.53; | 93 |
| 1.53; | 1.82; | 2.23; | 2.34; | 2.54; | 2.80; | 2.96; | 3.29; | 3.47; | 94 |
| 2.19; | 2.23; | 2.34; | 2.44; | 2.72; | 2.99; | 3.18; | 3.53; | 3.66; | 95 |
| 1.22; | 1.82; | 1.70; | 1.82; | 2.03; | 2.28; | 2.54; | 2.96; | 3.29; | 96 |
| 1.67; | 1.82; | 1.86; | 1.96; | 2.07; | 2.28; | 2.41; | 2.80; | 3.02; | 97 |
| 1.82; | 1.86; | 1.92; | 1.96; | 2.07; | 2.34; | 2.51; | 2.72; | 2.83; | 98 |
| 1.82; | 1.67; | 1.70; | 1.75; | 1.86; | 2.03; | 2.16; | 2.34; | 2.54; | 99 |
| 1.70; | 1.82; | 2.03; | 2.10; | 2.28; | 2.60; | 2.80; | 3.13; | 3.67; | 101 |
| 2.07; | 2.19; | 2.31; | 2.37; | 2.57; | 2.79; | 2.95; | 3.22; | 3.35; | 103 |
| 2.19; | 2.28; | 2.37; | 2.48; | 2.72; | 2.93; | 3.10; | 3.34; | 3.47; | 105 |
| -0.20; | -0.29; | 0.09; | 1.04; | 1.39; | 1.60; | 1.97; | 2.39; | 2.60; | 107 |
| -0.60; | -0.59; | -0.11; | 0.20; | 1.22; | 1.62; | 1.76; | 2.28; | 2.95; | 108 |
| 2.23; | 2.31; | 2.37; | 2.48; | 2.65; | 2.83; | 2.95; | 3.12; | 3.42; | 109 |
| 0.76; | 1.22; | 1.33; | 1.53; | 1.70; | 1.92; | 2.07; | 2.34; | 2.60; | 110 |
| 0.76; | 1.44; | 1.62; | 1.70; | 1.86; | 1.96; | 2.23; | 2.44; | 2.63; | 111 |
| 1.67; | 1.70; | 1.75; | 1.82; | 1.92; | 2.07; | 2.16; | 2.34; | 2.54; | 112 |

nos M one hundred and thirteen to M one hundred and sixty three;

50;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.48; | 1.62; | 1.73; | 1.82; | 1.89; | 2.07; | 2.19; | 2.41; | 2.60; | 113 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.19; | 2.34; | 2.41; | 2.60; | 2.77; | 114 |
| 1.62; | 1.82; | 1.92; | 1.96; | 2.16; | 2.34; | 2.44; | 2.72; | 2.86; | 115 |
| -0.67; | -0.45; | 0.13; | 0.42; | 0.69; | 0.97; | 1.10; | 1.49; | 1.72; | 117 |
| -0.63; | -0.26; | 1.16; | 1.57; | 1.85; | 2.19; | 2.36; | 2.62; | 2.72; | 118 |
| 1.86; | 1.96; | 2.07; | 2.16; | 2.28; | 2.41; | 2.57; | 2.75; | 2.85; | 119 |
| 1.82; | 1.89; | 1.96; | 2.03; | 2.10; | 2.37; | 2.51; | 2.67; | 2.77; | 120 |
| 1.70; | 1.82; | 1.92; | 1.96; | 2.10; | 2.28; | 2.41; | 2.60; | 2.72; | 121 |
| -0.25; | 0.07; | 1.01; | 1.18; | 1.60; | 1.82; | 2.03; | 2.44; | 2.57; | 122 |
| 1.10; | 1.70; | 1.82; | 1.92; | 2.03; | 2.16; | 2.28; | 2.54; | 2.65; | 123 |
| 0.27; | 1.33; | 1.62; | 1.75; | 1.92; | 2.07; | 2.16; | 2.44; | 2.65; | 124 |
| -0.45; | 0.27; | 1.33; | 1.44; | 1.70; | 1.92; | 2.07; | 2.34; | 2.44; | 125 |
| 1.53; | 1.62; | 1.70; | 1.75; | 1.82; | 1.96; | 2.07; | 2.16; | 2.34; | 126 |
| 1.33; | 1.44; | 1.53; | 1.70; | 1.82; | 2.03; | 2.16; | 2.63; | 2.82; | 127 |
| 1.96; | 2.16; | 2.23; | 2.34; | 2.54; | 2.80; | 2.95; | 3.35; | 3.61; | 128 |
| 1.62; | 1.75; | 1.82; | 1.86; | 2.07; | 2.41; | 2.60; | 2.89; | 3.17; | 129 |
| 2.10; | 2.23; | 2.31; | 2.41; | 2.65; | 2.86; | 2.99; | 3.25; | 3.37; | 130 |
| 2.03; | 2.10; | 2.19; | 2.34; | 2.60; | 2.85; | 2.98; | 3.28; | 3.35; | 131 |
| 1.53; | 1.70; | 1.75; | 1.82; | 1.92; | 2.23; | 2.41; | 2.77; | 3.07; | 132 |
| 0.78; | 1.10; | 1.22; | 1.44; | 1.75; | 1.96; | 2.10; | 2.37; | 2.51; | 133 |
| 0.95; | 1.16; | 1.26; | 1.37; | 1.62; | 1.84; | 2.07; | 2.39; | 2.63; | 134 |
| 0.78; | 1.02; | 1.14; | 1.28; | 1.57; | 1.86; | 2.00; | 2.33; | 2.56; | 135 |
| 1.73; | 1.81; | 1.87; | 1.93; | 2.05; | 2.19; | 2.29; | 2.51; | 2.63; | 136 |
| -0.59; | -0.14; | 0.92; | 1.08; | 1.31; | 1.66; | 1.94; | 2.34; | 2.49; | 137 |
| 1.00; | 1.39; | 1.49; | 1.61; | 1.79; | 1.97; | 2.14; | 2.38; | 2.54; | 138 |
| 1.75; | 1.82; | 1.86; | 1.96; | 2.07; | 2.23; | 2.34; | 2.51; | 2.63; | 139 |
| 2.03; | 2.07; | 2.10; | 2.16; | 2.28; | 2.41; | 2.51; | 2.67; | 2.77; | 140 |
| 1.75; | 1.92; | 1.96; | 2.07; | 2.19; | 2.41; | 2.54; | 2.72; | 2.82; | 141 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.10; | 2.34; | 2.48; | 2.65; | 2.77; | 142 |
| 1.70; | 1.82; | 1.92; | 2.03; | 2.10; | 2.37; | 2.48; | 2.67; | 2.83; | 143 |
| 0.28; | 1.10; | 1.70; | 1.82; | 2.03; | 2.34; | 2.48; | 2.70; | 2.77; | 144 |
| 0.28; | 0.77; | 1.85; | 2.14; | 2.60; | 2.99; | 3.23; | 3.64; | 3.99; | 145 |
| 0.97; | 1.53; | 1.82; | 1.92; | 2.03; | 2.19; | 2.34; | 2.60; | 2.75; | 146 |
| 1.33; | 1.62; | 1.75; | 1.82; | 1.86; | 2.07; | 2.23; | 2.54; | 2.67; | 147 |
| 1.22; | 1.44; | 1.75; | 1.86; | 2.03; | 2.23; | 2.41; | 2.60; | 2.76; | 148 |
| 1.96; | 2.03; | 2.10; | 2.16; | 2.28; | 2.44; | 2.54; | 2.70; | 2.77; | 149 |
| 2.03; | 2.07; | 2.10; | 2.16; | 2.28; | 2.48; | 2.57; | 2.76; | 2.85; | 150 |
| 0.78; | 1.33; | 1.53; | 1.82; | 1.96; | 2.16; | 2.28; | 2.51; | 2.65; | 151 |
| -0.11; | 0.49; | 1.10; | 1.44; | 1.73; | 2.03; | 2.18; | 2.39; | 2.55; | 152 |
| 0.28; | 0.99; | 1.51; | 1.72; | 1.89; | 2.07; | 2.17; | 2.47; | 2.57; | 153 |
| -0.45; | -0.15; | 1.37; | 1.60; | 1.94; | 2.19; | 2.33; | 2.53; | 2.63; | 154 |
| 1.44; | 1.70; | 1.82; | 1.86; | 1.96; | 2.16; | 2.28; | 2.54; | 2.77; | 155 |
| -0.29; | 0.03; | 0.70; | 1.35; | 1.60; | 1.90; | 2.09; | 2.50; | 2.77; | 156 |
| 1.33; | 1.44; | 1.53; | 1.62; | 1.75; | 1.92; | 2.07; | 2.28; | 2.44; | 157 |
| 1.75; | 1.82; | 1.86; | 1.92; | 1.96; | 2.10; | 2.16; | 2.37; | 2.51; | 158 |
| 1.22; | 1.44; | 1.53; | 1.62; | 1.75; | 1.86; | 1.96; | 2.31; | 2.60; | 159 |
| 1.22; | 1.44; | 1.62; | 1.75; | 1.96; | 2.23; | 2.41; | 2.75; | 2.86; | 160 |
| 1.82; | 1.86; | 1.92; | 1.96; | 2.07; | 2.19; | 2.31; | 2.54; | 2.65; | 161 |
| 1.86; | 1.92; | 1.96; | 2.03; | 2.16; | 2.28; | 2.41; | 2.60; | 2.72; | 162 |
| 1.92; | 1.96; | 2.07; | 2.10; | 2.23; | 2.37; | 2.51; | 2.67; | 2.75; | 163 |

nos. 1 one hundred and sixty four to two hundred and fourteen;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.52 | 2.07 | 2.10 | 2.23 | 2.37 | 2.60 | 2.70 | 2.80 | 2.86 | 164 |
| 1.53 | 1.78 | 1.90 | 2.10 | 2.37 | 2.60 | 2.72 | 2.85 | 2.93 | 165 |
| 0.2[illegible] | 0.27 | 1.44 | 1.62 | 1.82 | 2.05 | 2.19 | 2.40 | 2.57 | 166 |
| -0.47 | -0.31 | 0.35 | 0.[illegible] | 1.04 | 1.50 | 1.75 | 2.10 | 2.33 | 167 |
| 0.76 | 1.10 | 1.22 | 1.33 | 1.44 | 1.70 | 1.80 | 2.20 | 2.51 | 168 |
| 0.07 | 0.[illegible] | 1.22 | 1.[illegible] | 1.90 | 2.10 | 2.20 | 2.34 | 2.71 | 169 |
| 1.[illegible] | 1.52 | 1.90 | 2.07 | 2.23 | 2.41 | 2.54 | 2.70 | 2.76 | 170 |
| 1.[illegible] | 2.03 | 2.10 | 2.10 | 2.31 | 2.51 | 2.63 | 2.76 | 2.85 | 171 |
| -0.07 | -0.20 | -0.25 | 0.17 | 1.14 | 1.62 | 1.84 | 2.27 | 2.40 | 172 |
| 1.33 | 1.62 | 1.70 | 1.75 | 1.92 | 2.10 | 2.20 | 2.51 | 2.65 | 173 |
| 1.33 | 1.70 | 1.62 | 1.92 | 2.07 | 2.28 | 2.44 | 2.65 | 2.75 | 174 |
| 1.50 | 2.07 | 2.10 | 2.19 | 2.31 | 2.51 | 2.65 | 2.82 | 3.07 | 175 |
| -0.59 | -0.05 | 1.02 | 1.33 | 1.67 | 1.84 | 2.15 | 2.41 | 2.54 | 176 |
| 1.10 | 1.[illegible] | 1.[illegible] | 2.10 | 2.34 | 2.60 | 2.72 | 2.[illegible] | 3.11 | 177 |
| 0.70 | 0.97 | 1.[illegible] | 1.39 | 1.70 | 2.05 | 2.31 | 2.79 | 2.96 | 178 |
| 0.27 | 1.33 | 1.[illegible] | 1.75 | 1.92 | 2.16 | 2.34 | 2.40 | 2.75 | 179 |
| 2.05 | 2.10 | 2.19 | 2.20 | 2.44 | 2.70 | 2.79 | 2.87 | 2.96 | 180 |
| 1.60 | 1.92 | 2.05 | 2.10 | 2.23 | 2.44 | 2.60 | 2.75 | 2.82 | 181 |
| 1.72 | 1.90 | 2.07 | 2.10 | 2.20 | 2.46 | 2.60 | 2.77 | 2.88 | 182 |
| 1.52 | 1.[illegible] | 1.[illegible] | 1.92 | 2.07 | 2.46 | 2.67 | 2.95 | 3.06 | 183 |
| 0.72 | 1.33 | 1.55 | 1.70 | 1.92 | 2.16 | 2.41 | 2.[illegible] | 3.05 | 184 |
| 1.44 | 1.[illegible] | 1.62 | 1.70 | 1.82 | 2.03 | 2.16 | 2.37 | 2.[illegible] | 185 |
| 1.33 | 1.62 | 1.75 | 1.82 | 1.95 | 2.16 | 2.23 | 2.44 | 2.60 | 186 |
| 1.22 | 1.44 | 1.23 | 1.70 | 1.86 | 2.10 | 2.31 | 2.57 | 2.72 | 187 |
| 1.22 | 1.33 | 1.62 | 1.75 | 1.92 | 2.07 | 2.16 | 2.34 | 2.60 | 188 |
| 0.76 | 1.10 | 1.33 | 1.53 | 1.75 | 2.03 | 2.16 | 2.41 | 2.60 | 189 |
| 1.[illegible] | 1.62 | 1.[illegible] | 2.03 | 2.23 | 2.41 | 2.65 | 2.87 | 2.97 | 190 |
| 1.[illegible] | 1.75 | 1.[illegible] | 1.66 | 2.05 | 2.16 | 2.34 | 2.57 | 2.70 | 191 |
| 1.70 | 1.[illegible] | 1.66 | 1.96 | 2.10 | 2.34 | 2.46 | 2.6[illegible] | 2.75 | 192 |
| 1.62 | 2.07 | 2.19 | 2.28 | 2.46 | 2.77 | 2.69 | 3.11 | 3.32 | 193 |
| 2.16 | 2.10 | 2.25 | 2.41 | 2.60 | 2.77 | 2.89 | 3.11 | 3.24 | 195 |
| 2.07 | 2.19 | 2.31 | 2.44 | 2.67 | 2.93 | 3.02 | 3.17 | 3.34 | 196 |
| 1.44 | 1.92 | 2.07 | 2.20 | 2.65 | 2.99 | 3.15 | 3.40 | 3.59 | 197 |
| 1.33 | 1.70 | 1.86 | 1.96 | 2.10 | 2.41 | 2.63 | 2.95 | 3.17 | 198 |
| 2.07 | 2.10 | 2.19 | 2.28 | 2.51 | 2.77 | 2.88 | 3.07 | 3.17 | 199 |
| 1.22 | 1.[illegible] | 1.92 | 2.10 | 2.31 | 2.65 | 2.77 | 2.96 | 3.12 | 200 |
| 1.33 | 1.75 | 1.86 | 1.96 | 2.10 | 2.41 | 2.60 | 2.82 | 2.93 | 201 |
| 1.33 | 1.44 | 1.62 | 1.82 | 2.03 | 2.34 | 2.54 | 2.80 | 2.93 | 202 |
| 2.15 | 2.28 | 2.37 | 2.46 | 2.67 | 2.80 | 2.86 | 3.02 | 3.13 | 203 |
| 1.82 | 1.96 | 2.03 | 2.10 | 2.28 | 2.44 | 2.57 | 2.72 | 2.82 | 204 |
| 1.79 | 1.61 | 1.87 | 1.94 | 2.10 | 2.32 | 2.46 | 2.73 | 2.85 | 205 |
| 1.44 | 1.62 | 1.70 | 1.82 | 2.03 | 2.37 | 2.54 | 2.82 | 2.99 | 206 |
| 1.[illegible]1 | 1.63 | 1.87 | 1.92 | 2.09 | 2.40 | 2.51 | 2.71 | 2.81 | 207 |
| 1.50 | 1.55 | 1.61 | 1.68 | 1.83 | 2.03 | 2.20 | 2.40 | 2.62 | 208 |
| 1.82 | 1.86 | 1.92 | 2.03 | 2.16 | 2.34 | 2.44 | 2.65 | 2.77 | 209 |
| 1.[illegible]3 | 1.75 | 1.82 | 1.92 | 2.07 | 2.31 | 2.41 | 2.65 | 2.79 | 210 |
| 1.[illegible] | 1.96 | 2.03 | 2.10 | 2.23 | 2.44 | 2.57 | 2.75 | 2.83 | 211 |
| 1.[illegible]3 | 1.[illegible]2 | 1.70 | 1.82 | 1.92 | 2.07 | 2.23 | 2.54 | 2.72 | 212 |
| 1.[illegible] | 1.92 | 2.03 | 2.10 | 2.23 | 2.44 | 2.54 | 2.70 | 2.83 | 213 |
| 2.03 | 2.07 | 2.10 | 2.19 | 2.34 | 2.57 | 2.67 | 2.83 | 2.91 | 214 |

nos 1. two hundred and fifteen to two hundred and sixty two.

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 0.[illegible] | -0.[illegible] | 1.14 | 1.3[illegible] | 1.04 | 1.[illegible]9 | 2.11 | 2.[illegible]0 | 2.[illegible] | 215 |
| 1.[illegible] | 1.[illegible] | 1.79 | 1.[illegible] | 2.00 | 2.34 | 2.47 | 2.74 | 2.[illegible] | 216 |
| 1.[illegible] | 1.60 | 1.73 | 1.[illegible] | 1.91 | 2.00 | 2.10 | 2.[illegible] | 2.[illegible] | 217 |
| 0.[illegible] | 0.[illegible]3 | 1.0[illegible] | 1.30 | 1.07 | 1.92 | 2.0[illegible] | 2.32 | 2.[illegible] | 218 |
| -0.[illegible] | -0.11 | 0.60 | 1.30 | 1.00 | 2.10 | 2.29 | 2.[illegible]0 | 2.72 | 219 |
| 0.47 | 0.03 | 1.20 | 1.28 | 1.41 | 1.64 | 1.63 | 1.97 | 2.19 | 220 |
| -0.[illegible]2 | -0.4[illegible] | 0.70 | 0.97 | 1.33 | 1.80 | 2.07 | 2.[illegible]1 | 2.72 | 221 |
| 1.[illegible] | 1.[illegible] | 1.47 | 1.56 | 1.70 | 2.03 | 2.10 | 2.42 | 2.60 | 222 |
| -0.10 | 0.42 | 0.04 | 0.9[illegible] | 1.14 | 1.44 | 1.66 | 1.[illegible] | 2.06 | 223 |
| -0.[illegible] | -0.4[illegible] | 0.20 | 0.7[illegible] | 1.06 | 1.49 | 1.75 | 2.0[illegible] | 2.21 | 224 |
| -0.4[illegible] | -0.14 | 0.55 | 0.97 | 1.33 | 1.86 | 2.07 | 2.48 | 2.79 | 225 |
| -0.92 | -0.45 | 0.20 | 0.55 | 0.97 | 1.53 | 1.92 | 2.40 | 2.93 | 226 |
| -0.4[illegible] | 0.20 | 0.55 | 0.97 | 1.44 | 1.92 | 2.16 | 2.67 | 2.[illegible] | 227 |
| 0.20 | 0.97 | 1.22 | 1.44 | 1.70 | 1.96 | 2.07 | 2.48 | 2.[illegible] | 228 |
| 0.99 | 1.10 | 1.19 | 1.30 | 1.46 | 1.73 | 1.94 | 2.30 | 2.40 | 229 |
| 1.10 | 1.22 | 1.44 | 1.53 | 1.70 | 1.80 | 2.07 | 2.41 | 2.54 | 230 |
| 0.97 | 1.10 | 1.22 | 1.33 | 1.53 | 1.82 | 2.07 | 2.48 | 2.75 | 231 |
| 0.70 | 1.22 | 1.44 | 1.62 | 1.86 | 2.19 | 2.37 | 2.75 | 2.86 | 232 |
| 1.33 | 1.44 | 1.70 | 1.75 | 1.86 | 2.19 | 2.41 | 2.63 | 2.75 | 233 |
| 1.70 | 1.75 | 1.86 | 1.92 | 2.03 | 2.19 | 2.37 | 2.72 | 2.83 | 234 |
| 0.97 | 1.33 | 1.53 | 1.70 | 1.82 | 2.10 | 2.23 | 2.65 | 2.77 | 235 |
| 0.70 | 1.10 | 1.33 | 1.53 | 1.82 | 2.10 | 2.31 | 2.70 | 2.93 | 236 |
| 1.53 | 1.70 | 1.75 | 1.82 | 2.03 | 2.44 | 2.60 | 2.77 | 2.[illegible] | 237 |
| 1.62 | 1.75 | 1.86 | 1.96 | 2.10 | 2.37 | 2.57 | 2.[illegible] | 3.04 | 238 |
| -0.51 | -0.31 | 0.39 | 0.6[illegible] | 1.04 | 1.53 | 1.75 | 2.1[illegible] | 2.58 | 239 |
| -0.29 | 0.11 | 0.66 | 0.84 | 1.22 | 1.56 | 1.72 | 2.13 | 2.31 | 240 |
| 0.39 | 0.78 | 1.14 | 1.36 | 1.73 | 1.99 | 2.16 | 2.39 | 2.51 | 241 |
| 1.26 | 1.33 | 1.39 | 1.44 | 1.53 | 1.66 | 1.72 | 1.9[illegible] | 2.10 | 242 |
| 0.7[illegible] | 0.[illegible]8 | 1.02 | 1.0[illegible] | 1.22 | 1.53 | 1.62 | 1.[illegible]0 | 2.0[illegible] | 243 |
| 1.4[illegible] | 1.52 | 1.57 | 1.62 | 1.73 | 1.87 | 2.01 | 2.29 | 2.4[illegible] | 244 |
| 1.3[illegible] | 1.44 | 1.51 | 1.56 | 1.64 | 1.77 | 1.84 | 2.06 | 2.1[illegible] | 245 |
| -0.33 | 0.47 | 1.19 | 1.47 | 1.73 | 2.04 | 2.23 | 2.62 | 2.79 | 246 |
| -0.41 | 0.14 | 0.61 | 0.82 | 1.19 | 1.59 | 1.85 | 2.33 | 2.55 | 247 |
| 1.10 | 1.44 | 1.62 | 1.82 | 1.96 | 2.16 | 2.31 | 2.[illegible] | 2.[illegible] | 248 |
| 1.44 | 1.70 | 1.75 | 1.86 | 1.96 | 2.19 | 2.34 | 2.60 | 2.76 | 249 |
| 1.7[illegible] | 1.82 | 2.03 | 2.10 | 2.37 | 2.63 | 2.76 | 2.9[illegible] | 3.07 | 250 |
| 1.3[illegible] | 1.[illegible] | 1.62 | 1.70 | 1.92 | 2.20 | 2.41 | 2.67 | 2.[illegible] | 251 |
| 1.33 | 1.44 | 1.[illegible]3 | 1.62 | 1.82 | 2.03 | 2.10 | 2.44 | 2.[illegible] | 252 |
| 1.70 | 1.62 | 1.86 | 1.96 | 2.07 | 2.23 | 2.34 | 2.54 | 2.[illegible] | 253 |
| 1.[illegible] | 1.96 | 2.07 | 2.16 | 2.34 | 2.54 | 2.65 | 2.[illegible] | 2.93 | 254 |
| 1.16 | 1.25 | 1.36 | 1.46 | 1.[illegible]2 | 1.[illegible]4 | 2.00 | 2.26 | 2.51 | 255 |
| 1.10 | 1.53 | 2.10 | 2.23 | 2.44 | 2.80 | 2.96 | 3.3[illegible] | 3.63 | 256 |
| 0.[illegible] | 0.70 | 1.22 | 1.75 | 2.51 | 3.07 | 3.35 | 3.70 | 4.03 | 257 |
| 1.[illegible] | 1.[illegible] | 1.96 | 2.19 | 2.65 | 2.98 | 3.22 | 3.[illegible] | 3.77 | 258 |
| 1.44 | 1.86 | 2.10 | 2.37 | 2.67 | 2.99 | 3.17 | 3.53 | 3.73 | 258a |
| 0.66 | 0.80 | 0.93 | 1.01 | 1.11 | 1.28 | 1.41 | 1.53 | 1.[illegible] | 259 |
| 0.97 | 1.06 | 1.14 | 1.19 | 1.31 | 1.48 | 1.58 | 1.78 | 1.94 | 260a |
| 1.62 | 1.82 | 2.03 | 2.10 | 2.41 | 2.82 | 3.05 | 3.[illegible] | 4.05 | 260b |
| 2.07 | 2.23 | 2.34 | 2.48 | 2.77 | 3.11 | 3.33 | 3.65 | 3.[illegible] | 261 |
| 2.34 | 2.44 | 2.57 | 2.77 | 3.02 | 3.35 | 3.52 | 3.85 | 4.03 | 262 |

nos M two hundred and sixty three to three hundred and eighteen;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.22 | 1.23 | 1.52 | 2.19 | 2.03 | 3.14 | 3.32 | 3.71 | 3.92 | 263 |
| 1.70 | 1.86 | 1.92 | 2.03 | 2.19 | 2.57 | 2.70 | 3.17 | 3.21 | 264 |
| 0.27 | 1.33 | 2.10 | 2.05 | 3.01 | 3.34 | 3.42 | 3.80 | 4.00 | 265 |
| 1.[illegible]0 | 1.[illegible]0 | 2.03 | 2.07 | 2.19 | 2.40 | 2.65 | 2.9[illegible] | 3.17 | 266 |
| 1.38 | 1.44 | 1.75 | 1.96 | 2.40 | 3.02 | 3.29 | 3.59 | 3.72 | 267 |
| 2.05 | 2.10 | 2.31 | 2.41 | 2.63 | 2.96 | 3.24 | 3.62 | 3.93 | 268 |
| 1.20 | 1.32 | 1.44 | 1.56 | 1.72 | 1.93 | 2.19 | 2.[illegible] | 3.29 | 269 |
| 2.19 | 2.34 | 2.4[illegible] | 2.65 | 2.94 | 3.33 | 3.50 | 3.81 | 4.04 | 270 |
| 2.19 | 2.20 | 2.34 | 2.44 | 2.67 | 2.90 | 3.12 | 3.45 | 3.69 | 271 |
| 1.31 | 1.41 | 1.47 | 1.55 | 1.69 | 1.84 | 1.96 | 2.30 | 2.[illegible]8 | 272 |
| 0.97 | 1.22 | 1.35 | 1.53 | 1.82 | 2.23 | 2.44 | 3.00 | 3.39 | 273 |
| 1.54 | 1.60 | 1.66 | 1.73 | 1.84 | 2.07 | 2.22 | 2.54 | 2.67 | 274 |
| 2.16 | 2.19 | 2.31 | 2.51 | 2.72 | 2.97 | 3.16 | 3.5[illegible] | 3.85 | 275 |
| 2.19 | 2.23 | 2.34 | 2.44 | 2.63 | 2.78 | 2.93 | 3.16 | 3.40 | 276 |
| 2.43 | 2.[illegible] | 2.37 | 2.51 | 2.67 | 2.89 | 3.02 | 3.31 | 3.56 | 277 |
| 2.45 | 2.[illegible]3 | 2.31 | 2.41 | 2.57 | 2.80 | 2.93 | 3.30 | 3.52 | 279 |
| 2.1[illegible] | 2.[illegible]2 | 2.48 | 2.34 | 2.48 | 2.70 | 2.90 | 3.03 | 3.34 | 280 |
| 0.1[illegible] | 0.40 | 1.13 | 1.26 | 1.44 | 1.70 | 1.82 | 2.09 | 2.33 | 281 |
| 2.41 | 2.44 | 2.54 | 2.65 | 2.81 | 3.05 | 3.18 | 3.4[illegible] | 3.81 | 282 |
| 1.9[illegible] | 1.[illegible]6 | 2.03 | 2.10 | 2.28 | 2.48 | 2.65 | 2.83 | 3.03 | 283 |
| 1.0[illegible] | 1.[illegible] | 1.40 | 1.56 | 1.72 | 1.89 | 2.03 | 2.43 | 2.64 | 284 |
| 2.1[illegible] | 2.1[illegible] | 2.2[illegible] | 2.34 | 2.54 | 2.72 | [illegible].1 | 3.11 | 3.2[illegible] | 285 |
| .10 | 2.1 | 2.[illegible] | 2.37 | 2.57 | 2.76 | 2.84 | 3.03 | 3.29 | 286 |
| 2.[illegible] | 2.23 | 2.[illegible] | 2.77 | 2.99 | 3.29 | 3.43 | 3.79 | 4.04 | 287 |
| 1.70 | 1.[illegible]2 | 1.[illegible] | 1.92 | 2.07 | 2.34 | 2.51 | 2.89 | 3.20 | 288 |
| 2.1[illegible] | 2.23 | 2.31 | 2.37 | 2.60 | 2.77 | 2.86 | 3.12 | 3.31 | 289 |
| 1.[illegible]2 | 1.90 | 2.07 | 2.10 | 2.28 | 2.51 | 2.67 | 2.86 | 3.09 | 290 |
| 2.10 | 2.1[illegible] | 2.31 | 2.48 | 2.80 | 3.14 | 3.37 | 3.7[illegible] | 3.[illegible]6 | 292 |
| -0.4[illegible] | 0.27 | 1.33 | 1.44 | 1.62 | 2.03 | 2.[illegible]1 | 2.7[illegible] | 2.[illegible]4 | 293 |
| 1.7[illegible] | 1.[illegible]4 | 1.[illegible]6 | 1.96 | 2.16 | 2.37 | 2.67 | 2.96 | 3.30 | 294 |
| 1.[illegible]4 | 1.[illegible]6 | 1.92 | 1.96 | 2.10 | 2.[illegible]1 | 2.44 | 2.72 | 2.[illegible]4 | 295 |
| -0.40 | -0.11 | 0.[illegible] | 1.14 | 1.41 | 1.74 | 1.[illegible]9 | 2.30 | 2.[illegible]5 | 296 |
| 2.0[illegible] | 2.[illegible]1 | 2.[illegible]1 | 2.92 | 3.17 | 3.43 | 3.56 | 3.[illegible]4 | 4.03 | G1 |
| 1.7[illegible] | 1.[illegible]6 | 1.9[illegible] | 1.96 | 2.07 | 2.41 | 2.60 | 2.80 | 2.[illegible]6 | 300 |
| -0.11 | 0.[illegible]6 | 1.1[illegible] | 1.36 | 1.62 | 1.[illegible]9 | 2.0[illegible] | 2.54 | 2.76 | 301 |
| 1.10 | 1.[illegible]2 | 2.31 | 2.57 | 2.80 | 3.17 | 3.42 | 3.7[illegible] | 4.00 | 302 |
| 1.[illegible]6 | 2.1[illegible] | 2.[illegible]8 | 2.41 | 2.6[illegible] | 2.9[illegible] | 3.22 | 3.60 | 3.80 | 303 |
| 1.53 | 1.62 | 2.07 | 2.23 | 2.60 | 2.96 | 3.22 | 3.60 | 3.8[illegible] | 305 |
| -0.2[illegible] | 0.0[illegible] | 0.91 | 1.10 | 1.48 | 1.79 | 1.96 | 2.48 | 2.[illegible]6 | 306 |
| 2.[illegible]6 | 2.34 | 2.4[illegible] | 2.51 | 2.79 | 3.0[illegible] | 3.22 | 3.49 | 3.67 | 307 |
| 2.37 | 2.46 | 2.[illegible]4 | 2.6[illegible] | 2.80 | 3.13 | 3.33 | 3.54 | 3.7[illegible] | 308 |
| -0.4[illegible] | -0.11 | 1.10 | 1.24 | 1.[illegible]7 | 1.86 | 2.0[illegible] | 2.41 | 2.[illegible]6 | 309 |
| 2.25 | 2.31 | 2.41 | 2.51 | 2.72 | 2.88 | 2.99 | 3.30 | 3.47 | 311 |
| 1.92 | 2.[illegible]1 | 2.63 | 2.75 | 2.91 | 3.20 | 3.34 | 3.[illegible]9 | 3.7[illegible] | 312 |
| 2.44 | 2.46 | 2.60 | 2.70 | 2.86 | 3.08 | 3.18 | 3.42 | 3.59 | 313 |
| 2.44 | 2.[illegible]1 | 2.60 | 2.70 | 2.83 | 3.04 | 3.15 | 3.37 | 3.[illegible]2 | 314 |
| 2.51 | 2.54 | 2.65 | 2.79 | 2.96 | 3.17 | 3.33 | 3.50 | 3.63 | 315 |
| 2.34 | 2.37 | 2.60 | 2.70 | 2.86 | 3.11 | 3.28 | 3.49 | 3.73 | 316 |
| 2.44 | 2.46 | 2.57 | 2.70 | 2.86 | 3.10 | 3.12 | 3.49 | 3.64 | 317 |
| 2.19 | 2.23 | 2.31 | 2.41 | 2.60 | 2.77 | 2.86 | 3.08 | 3.29 | 318 |

nos M three hundred and nineteen to three hundred and seventy eight;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 2.00; | 2.19; | 2.77; | 2.05; | 3.00; | 3.36; | 3.52; | 3.62; | 4.0_; | 319 |
| 1.90; | 2.31; | 2.37; | 2.40; | 2.67; | 2.96; | 3.12; | 3.30; | 3.90; | 320 |
| 2.10; | 2.19; | 2.23; | 2.22; | 2.41; | 2.70; | 2.78; | 2.93; | 3.13; | 321 |
| 0.00; | 1.53; | 2.10; | 2.34; | 2.63; | 2.99; | 3.17; | 3.01; | 3.82; | 322 |
| 0.42; | 0.55; | 0.70; | 0.97; | 1.10; | 1.39; | 1.50; | 2.10; | 2.40; | 323a |
| 0.69; | 0.97; | 1.33; | 1.67; | 2.07; | 2.60; | 2.82; | 3.22; | 3.47; | 323b |
| 1.70; | 1.90; | 2.10; | 2.20; | 2.48; | 2.80; | 2.95; | 3.33; | 3.52; | 324 |
| -1.04; | -0.67; | -0.49; | -0.42; | -0.29; | -0.05; | 0.13; | 0.37; | 0._; | 326 |
| 1.90; | 2.43; | 2.55; | 2.87; | 2.92; | 3.24; | 3.39; | 3.71; | 4.05; | 327 |
| 0.76; | 1.22; | 1.53; | 1.82; | 2.34; | 2.77; | 2.96; | 3.38; | 3.61; | 330 |
| 2.19; | 2.37; | 2.51; | 2.69; | 2.86; | 3.22; | 3.36; | 3.69; | 3.83; | 332 |
| 1.22; | 1.70; | 2.23; | 2.44; | 2.77; | 3.07; | 3.28; | 3.64; | 3.84; | 333 |
| 0.55; | 1.22; | 2.10; | 2.28; | 2.65; | 2.89; | 3.08; | 3.53; | 3.77; | 339 |
| 0.76; | 1.22; | 2.07; | 2.41; | 2.72; | 3.04; | 3.25; | 3.60; | 3.83; | 340 |
| 1.22; | 1.53; | 2.10; | 2.31; | 2.70; | 2.99; | 3.18; | 3.65; | 3.97; | 341 |
| 1.70; | 2.10; | 2.34; | 2.44; | 2.75; | 2.96; | 3.14; | 3.51; | 3.80; | 342 |
| 1.92; | 2.31; | 2.44; | 2.54; | 2.72; | 2.98; | 3.15; | 3.60; | 3.90; | 343 |
| 2.10; | 2.62; | 2.76; | 2.89; | 3.06; | 3.32; | 3.48; | 3.84; | 4.00; | 344 |
| 2.19; | 2.31; | 2.37; | 2.48; | 2.70; | 2.96; | 3.14; | 3.47; | 3.73; | 345 |
| 2.19; | 2.28; | 2.37; | 2.51; | 2.77; | 3.02; | 3.20; | 3.50; | 3.69; | 346 |
| 1.96; | 2.03; | 2.10; | 2.16; | 2.37; | 2.57; | 2.70; | 2.85; | 2.96; | 347 |
| 2.67; | 2.74; | 2.35; | 2.92; | 3.14; | 3.41; | 3.55; | 3.81; | 4.00; | 349 |
| 1.86; | 2.28; | 2.54; | 2.75; | 3.10; | 3.39; | 3.56; | 3.80; | 4.02; | 351 |
| 2.20; | 2.34; | 2.44; | 2.57; | 2.75; | 2.96; | 3.11; | 3.40; | 3.71; | 352 |
| 2.16; | 2.19; | 2.31; | 2.44; | 2.67; | 2.91; | 3.05; | 3.34; | 3.47; | 353 |
| -0.63; | -0.50; | -0.29; | 0.14; | 0.42; | 0.70; | 0.92; | 1.19; | 1.96; | 354 |
| 1.22; | 2.00; | 2.10; | 2.19; | 2.41; | 2.77; | 2.88; | 3.22; | 3.43; | 355 |
| 0.55; | 1.53; | 2.19; | 2.37; | 2.65; | 2.93; | 3.15; | 3.53; | 3.75; | 356 |
| 0.29; | 0.55; | 1.62; | 1.92; | 2.23; | 2.86; | 3.14; | 3.53; | 3.71; | 357 |
| 0.97; | 1.53; | 2.03; | 2.28; | 2.54; | 2.93; | 3.12; | 3.52; | 3.72; | 358 |
| 0.55; | 0.97; | 1.75; | 2.03; | 2.41; | 2.77; | 2.98; | 3.40; | 3.69; | 359 |
| 1.70; | 1.82; | 2.07; | 2.28; | 2.51; | 2.89; | 3.12; | 3.52; | 3.72; | 360 |
| 1.70; | 2.07; | 2.19; | 2.44; | 2.70; | 2.96; | 3.17; | 3.53; | 3.73; | 361 |
| 1.82; | 2.19; | 2.41; | 2.51; | 2.75; | 3.02; | 3.17; | 3.50; | 3.65; | 362 |
| 1.22; | 1.75; | 2.10; | 2.31; | 2.57; | 2.86; | 3.07; | 3.42; | 3.56; | 363 |
| 2.31; | 2.37; | 2.51; | 2.63; | 2.96; | 3.30; | 3.45; | 3.73; | 3.94; | 364 |
| -0.45; | 0.14; | 0.55; | 0.69; | 0.35; | 1.13; | 1.33; | 1.91; | 2.28; | 365 |
| 1.82; | 1.92; | 2.03; | 2.10; | 2.28; | 2.48; | 2.57; | 2.79; | 2.86; | 366 |
| 1.22; | 1.70; | 1.82; | 1.92; | 2.10; | 2.23; | 2.37; | 2.60; | 2.75; | 367 |
| 1.70; | 1.96; | 2.07; | 2.16; | 2.31; | 2.54; | 2.70; | 2.80; | 2.96; | 368 |
| 0.76; | 1.62; | 1.75; | 1.86; | 2.07; | 2.28; | 2.41; | 2.60; | 2.75; | 369 |
| 1.70; | 1.92; | 2.03; | 2.10; | 2.31; | 2.51; | 2.63; | 2.79; | 2.89; | 370 |
| 1.70; | 1.92; | 2.03; | 2.10; | 2.28; | 2.60; | 2.76; | 2.96; | 3.11; | 371 |
| 1.70; | 1.73; | 1.75; | 1.82; | 1.96; | 2.19; | 2.34; | 2.51; | 2.75; | 372 |
| 2.03; | 2.06; | 2.16; | 2.23; | 2.37; | 2.63; | 2.75; | 2.87; | 3.01; | 373 |
| 0.66; | 0.76; | 0.95; | 1.08; | 1.28; | 1.55; | 1.69; | 2.19; | 2.75; | 374 |
| 1.82; | 2.07; | 2.10; | 2.19; | 2.31; | 2.57; | 2.63; | 2.76; | 2.88; | 375 |
| 1.82; | 1.92; | 2.03; | 2.10; | 2.23; | 2.44; | 2.60; | 2.75; | 2.86; | 376 |
| 1.90; | 2.10; | 2.19; | 2.28; | 2.37; | 2.67; | 2.77; | 2.88; | 2.99; | 377 |
| 2.07; | 2.10; | 2.16; | 2.28; | 2.51; | 2.77; | 2.89; | 3.11; | 3.31; | 378 |

nos M three hundred and seventy nine to four hundred and thirty two;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.10 | 1.44 | 1.70 | 1.82 | 2.07 | 2.41 | 2.60 | 2.82 | 3.01 | 379 |
| -0.31 | -0.49 | -0.37 | -0.15 | 0.07 | 0.23 | 0.39 | 1.09 | 2.10 | 380 |
| 1.46 | 1.84 | 2.19 | 2.34 | 2.72 | 3.04 | 3.28 | 3.58 | 3.77 | 381 |
| 1.39 | 1.73 | 1.84 | 1.96 | 2.19 | 2.54 | 2.79 | 3.05 | 3.29 | 382 |
| 1.44 | 1.75 | 1.92 | 2.03 | 2.41 | 2.80 | 3.02 | 3.44 | 3.71 | 383 |
| 1.33 | 1.70 | 1.96 | 2.10 | 2.41 | 2.76 | 2.88 | 3.12 | 3.44 | 384 |
| 1.23 | 1.75 | 1.94 | 2.13 | 2.44 | 2.83 | 3.05 | 3.38 | 3.60 | 385 |
| 1.95 | 2.10 | 2.28 | 2.37 | 2.72 | 2.95 | 3.14 | 3.37 | 3.51 | 386 |
| 1.75 | 2.16 | 2.31 | 2.48 | 2.76 | 3.04 | 3.20 | 3.44 | 3.54 | 387 |
| 1.33 | 1.70 | 1.86 | 1.96 | 2.16 | 2.41 | 2.65 | 2.86 | 3.04 | 388 |
| 1.62 | 1.75 | 1.84 | 1.92 | 2.03 | 2.28 | 2.48 | 2.65 | 2.80 | 389 |
| 2.20 | 2.44 | 2.54 | 2.75 | 2.95 | 3.29 | 3.44 | 3.80 | 4.00 | 390 |
| 2.37 | 2.53 | 2.60 | 2.78 | 2.96 | 3.29 | 3.44 | 3.83 | 4.03 | 391 |
| 1.96 | 2.05 | 2.10 | 2.16 | 2.31 | 2.57 | 2.67 | 2.79 | 2.86 | 392 |
| 1.62 | 1.82 | 1.92 | 1.96 | 2.07 | 2.23 | 2.34 | 2.57 | 2.72 | 393 |
| 1.32 | 1.92 | 2.05 | 2.10 | 2.34 | 2.65 | 2.75 | 2.83 | 2.99 | 394 |
| 1.07 | 1.79 | 1.86 | 1.96 | 2.07 | 2.23 | 2.34 | 2.51 | 2.67 | 395 |
| 1.44 | 1.70 | 1.86 | 1.96 | 2.09 | 2.28 | 2.41 | 2.67 | 2.76 | 396 |
| 1.92 | 2.03 | 2.10 | 2.23 | 2.37 | 2.63 | 2.76 | 2.89 | 2.99 | 398 |
| 2.16 | 2.19 | 2.28 | 2.34 | 2.44 | 2.70 | 2.79 | 2.90 | 3.11 | 399 |
| 1.70 | 1.92 | 1.96 | 2.07 | 2.23 | 2.48 | 2.60 | 2.80 | 2.93 | 400 |
| 1.94 | 2.03 | 2.09 | 2.16 | 2.31 | 2.57 | 2.70 | 2.85 | 2.99 | 401 |
| 1.86 | 1.94 | 2.03 | 2.10 | 2.19 | 2.41 | 2.57 | 2.75 | 2.82 | 402 |
| 1.23 | 1.75 | 1.92 | 2.03 | 2.10 | 2.37 | 2.51 | 2.72 | 2.83 | 403 |
| 2.07 | 2.10 | 2.10 | 2.23 | 2.41 | 2.65 | 2.77 | 2.93 | 3.04 | 404 |
| 2.19 | 2.20 | 2.34 | 2.41 | 2.60 | 2.76 | 2.83 | 2.96 | 3.07 | 405 |
| 1.96 | 2.10 | 2.19 | 2.23 | 2.37 | 2.57 | 2.70 | 2.82 | 2.91 | 406 |
| 1.33 | 1.82 | 2.03 | 2.10 | 2.28 | 2.48 | 2.65 | 2.82 | 2.96 | 407 |
| 0.73 | 1.31 | 2.29 | 2.71 | 2.96 | 3.31 | 3.50 | 3.65 | 4.03 | 408 |
| 1.02 | 2.03 | 2.30 | 2.82 | 3.03 | 3.29 | 3.52 | 3.81 | 4.04 | 409 |
| 2.70 | 2.70 | 2.92 | 3.01 | 3.24 | 3.43 | 3.60 | 3.85 | 4.01 | 412 |
| 2.72 | 2.70 | 2.85 | 2.95 | 3.12 | 3.29 | 3.45 | 3.70 | 4.04 | 414 |
| -0.11 | 0.20 | 0.97 | 1.33 | 1.92 | 2.57 | 2.80 | 3.41 | 3.83 | 415 |
| 2.10 | 2.10 | 2.23 | 2.34 | 2.48 | 2.70 | 2.79 | 2.96 | 3.15 | 416 |
| 2.07 | 2.13 | 2.19 | 2.26 | 2.41 | 2.67 | 2.78 | 2.96 | 3.08 | 417 |
| 2.05 | 2.10 | 2.31 | 2.44 | 2.72 | 2.93 | 3.14 | 3.43 | 3.65 | 418 |
| 1.75 | 2.10 | 2.20 | 2.41 | 2.75 | 3.05 | 3.18 | 3.45 | 3.74 | 419 |
| 2.41 | 2.54 | 2.72 | 2.83 | 3.05 | 3.33 | 3.44 | 3.62 | 3.85 | 420 |
| 1.75 | 2.10 | 2.20 | 2.41 | 2.67 | 2.98 | 3.14 | 3.61 | 3.88 | 421 |
| 1.96 | 2.07 | 2.19 | 2.31 | 2.65 | 2.98 | 3.13 | 3.44 | 3.75 | 422 |
| 1.62 | 2.07 | 2.23 | 2.37 | 2.72 | 2.98 | 3.12 | 3.38 | 3.49 | 423 |
| 1.75 | 1.82 | 1.92 | 2.07 | 2.34 | 2.75 | 2.86 | 3.10 | 3.40 | 424 |
| 2.03 | 2.10 | 2.19 | 2.31 | 2.54 | 2.76 | 2.84 | 3.08 | 3.45 | 425 |
| 1.44 | 1.82 | 1.75 | 1.82 | 2.02 | 2.20 | 2.41 | 2.75 | 2.94 | 426 |
| 1.98 | 2.03 | 2.10 | 2.19 | 2.34 | 2.54 | 2.70 | 2.86 | 3.00 | 427 |
| 1.80 | 2.73 | 2.92 | 3.01 | 3.24 | 3.39 | 3.67 | 3.81 | 4.04 | 428 |
| 2.16 | 2.19 | 2.20 | 2.46 | 2.67 | 2.93 | 2.99 | 3.28 | 3.44 | 429 |
| 2.10 | 2.23 | 2.31 | 2.37 | 2.55 | 2.76 | 2.89 | 3.09 | 3.26 | 430 |
| 1.80 | 1.92 | 1.96 | 2.07 | 2.23 | 2.60 | 2.75 | 2.93 | 3.08 | 431 |
| 1.82 | 1.92 | 2.03 | 2.10 | 2.31 | 2.57 | 2.72 | 2.92 | 3.15 | 432 |

nos . four hundred and thirty three to four hundred and eighty five,

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 0.[illegible] | 1.[illegible] | 1.7[illegible] | 1.[illegible] | 2.03 | 2.3[illegible] | 2.[illegible]3 | 2.[illegible]1 | 3.1[illegible] | 433 |
| 2.[illegible] | 2.[illegible]0 | 2.7[illegible] | 2.[illegible]1 | 3.02 | 3.[illegible] | 3.5[illegible] | 3.[illegible]1 | 3.[illegible] | 434 |
| 1.[illegible] | 2.0[illegible] | 2.1[illegible] | 2.[illegible]0 | 2.[illegible]1 | 2.[illegible]0 | 2.70 | [illegible].[illegible]1 | 2.9[illegible] | 435 |
| 1.[illegible]0 | 1.[illegible] | 2.03 | 2.10 | 2.31 | 2.[illegible]0 | 2.[illegible] | 2.[illegible] | 3.0[illegible] | 436 |
| 0.[illegible] | 1.[illegible]4 | 1.[illegible] | 1.7[illegible] | 1.[illegible]2 | 2.23 | 2.34 | 2.[illegible]7 | 2.76 | 437 |
| 1.[illegible]2 | 1.[illegible]5 | 1.92 | 1.[illegible] | 2.07 | 2.23 | 2.37 | 2.[illegible]0 | 2.75 | 438 |
| 1.70 | 1.7[illegible] | 1.[illegible]4 | 1.92 | 2.07 | 2.26 | 2.41 | 2.[illegible] | 2.70 | 439 |
| 1.70 | 1.[illegible] | 1.[illegible] | 2.07 | 2.1[illegible] | 2.41 | 2.[illegible]4 | 2.7[illegible] | 2.07 | 440 |
| 1.[illegible] | 1.[illegible] | 2.07 | 2.10 | 2.20 | 2.60 | 2.7[illegible] | 2.[illegible] | 3.0[illegible] | 441 |
| 1.[illegible] | 1.62 | 1.70 | 1.7[illegible] | 1.92 | 2.1[illegible] | 2.41 | [illegible].70 | 2.[illegible] | 442 |
| 2.10 | 2.1[illegible] | 2.23 | 2.31 | 2.51 | 2.70 | 2.[illegible]0 | 2.[illegible]7 | 3.1[illegible] | 443 |
| 1.33 | 1.7[illegible] | 1.[illegible]2 | 1.[illegible] | 2.10 | 2.37 | 2.40 | 2.07 | 2.73 | 444 |
| 2.07 | 2.10 | 2.1[illegible] | 2.20 | 2.40 | 2.07 | 2.70 | 2.[illegible] | 3.02 | 445 |
| 2.1[illegible] | 2.23 | 2.[illegible]4 | 2.44 | 2.[illegible] | 2.[illegible]3 | 2.93 | 3.11 | 3.[illegible] | 446 |
| 1.83 | 1.[illegible]3 | 1.70 | 1.[illegible]2 | 1.[illegible] | 2.1[illegible] | 2.20 | 2.[illegible] | 2.[illegible] | 447 |
| 2.07 | 2.10 | 2.1[illegible] | 2.31 | 2.40 | 2.70 | 2.[illegible] | 2.[illegible]7 | 3.00 | 448 |
| 1.[illegible] | 1.[illegible]2 | 1.[illegible] | 1.[illegible]4 | 2.07 | 2.23 | 2.37 | 2.[illegible]7 | 2.72 | 449 |
| 1.22 | 1.44 | 1.62 | 1.70 | 1.[illegible] | 2.10 | 2.31 | 2.[illegible] | 2.70 | 450 |
| 1.7[illegible] | 1.[illegible]2 | 1.[illegible] | 1.[illegible]6 | 2.10 | 2.31 | 2.41 | 2.[illegible]3 | 2.7[illegible] | 451 |
| 1.[illegible]3 | 1.82 | 1.[illegible]4 | 2.03 | 2.2[illegible] | 2.[illegible]1 | 2.60 | 2.70 | 2.87 | 452 |
| 1.7[illegible] | 1.[illegible]2 | 1.[illegible] | 1.[illegible]6 | 2.10 | 2.34 | 2.[illegible]1 | 2.03 | 3.0[illegible] | 453 |
| 1.[illegible]3 | 1.[illegible]2 | 1.7[illegible] | 1.[illegible]6 | 2.07 | 2.37 | 2.57 | 2.[illegible] | 2.91 | 454 |
| 1.53 | 1.02 | 1.70 | 1.7[illegible] | 1.[illegible]6 | 2.03 | 2.2[illegible] | 2.[illegible]7 | 2.[illegible]7 | 455 |
| 2.19 | 2.23 | 2.31 | 2.41 | 2.60 | 2.61 | 2.93 | 3.1[illegible] | 3.[illegible] | 456 |
| 2.1[illegible] | 2.41 | 2.[illegible]1 | 2.[illegible]7 | 2.76 | 3.00 | 3.16 | 3.47 | 3.[illegible] | 457 |
| 1.62 | 2.2[illegible] | 2.37 | 2.54 | 2.76 | 2.97 | 3.12 | 3.47 | 3.70 | 458 |
| 1.44 | 1.[illegible]2 | 1.70 | 1.75 | 1.[illegible]2 | 2.07 | 2.2[illegible] | 2.54 | 2.7[illegible] | 459 |
| 1.[illegible] | 1.96 | 2.03 | 2.07 | 2.23 | 2.57 | 2.[illegible] | 3.20 | 3.44 | 460 |
| 2.07 | 2.10 | 2.19 | 2.31 | 2.44 | 2.70 | 2.[illegible]3 | 3.1[illegible] | 3.34 | 462 |
| 1.[illegible] | 1.92 | 2.03 | 2.07 | 2.23 | 2.4[illegible] | 2.[illegible] | 2.83 | 2.93 | 463 |
| 1.70 | 1.7[illegible] | 1.82 | 1.[illegible] | 1.96 | 2.20 | 2.44 | 2.7[illegible] | 2.[illegible] | 464 |
| 1.[illegible] | 1.70 | 1.7[illegible] | 1.[illegible] | 2.03 | 2.34 | 2.[illegible]1 | 2.70 | 2.[illegible] | 465 |
| 1.33 | 1.7[illegible] | 1.[illegible] | 1.96 | 2.10 | 2.41 | 2.57 | 2.70 | 2.91 | 466 |
| 0.97 | 1.32 | 2.0[illegible] | 2.39 | 2.[illegible] | 3.06 | 3.31 | 3.7[illegible] | 4.04 | 467 |
| 2.23 | 2.33 | 2.[illegible] | 2.7[illegible] | 3.00 | 3.32 | 3.49 | 3.[illegible] | 4.04 | 468 |
| 1.10 | 1.[illegible]2 | 2.23 | 2.37 | 2.7[illegible] | 3.06 | 3.20 | 3.[illegible] | 3.70 | 470 |
| 1.92 | 1.96 | 2.03 | 2.10 | 2.23 | 2.44 | 2.54 | 2.72 | 2.81 | 471 |
| 1.7[illegible] | 1.[illegible]2 | 1.92 | 2.03 | 2.1[illegible] | 2.34 | 2.44 | 2.[illegible] | 2.[illegible] | 472 |
| 2.03 | 2.16 | 2.23 | 2.37 | 2.57 | 2.76 | 2.81 | 2.99 | 3.13 | 473 |
| 1.[illegible] | 1.62 | 1.70 | 1.75 | 1.92 | 2.10 | 2.19 | 2.34 | 2.4[illegible] | 474 |
| 1.96 | 2.03 | 2.10 | 2.19 | 2.34 | 2.[illegible] | 2.76 | 2.94 | 3.11 | 475 |
| 1.92 | 1.[illegible] | 2.03 | 2.10 | 2.23 | 2.44 | 2.57 | 2.7[illegible] | 2.87 | 476 |
| 1.82 | 1.96 | 2.03 | 2.10 | 2.23 | 2.48 | 2.67 | 2.89 | 3.09 | 478 |
| 1.62 | 1.75 | 1.82 | 1.86 | 1.96 | 2.19 | 2.31 | 2.60 | 2.80 | 479 |
| 1.70 | 1.75 | 1.[illegible] | 1.86 | 1.96 | 2.16 | 2.31 | 2.51 | 2.70 | 480 |
| 2.4[illegible] | 2.57 | 2.72 | 2.80 | 2.96 | 3.16 | 3.34 | 3.47 | 3.76 | 481 |
| 1.92 | 2.05 | 2.10 | 2.19 | 2.34 | 2.57 | 2.72 | 2.89 | 3.02 | 482 |
| 1.70 | 1.75 | 1.84 | 1.94 | 2.03 | 2.19 | 2.37 | 2.60 | 2.83 | 483 |
| 1.62 | 1.70 | 1.78 | 1.86 | 2.03 | 2.16 | 2.25 | 2.54 | 2.67 | 484 |
| 1.22 | 1.39 | 1.57 | 1.70 | 1.86 | 2.07 | 2.37 | 2.67 | 2.80 | 485 |

nos : four hundred and eighty six to five hundred and forty;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 0.13; | 0.[illegible]; | 1.04; | 1.16; | 1.33; | 1.62; | 1.78; | 2.19; | 2.40; | 486 |
| 1.92; | 2.07; | 2.10; | 2.19; | 2.34; | 2.60; | 2.75; | 2.99; | 3.14; | 487 |
| 1.[illegible]; | 1.94; | 2.03; | 2.07; | 2.19; | 2.60; | 2.75; | 2.95; | 3.06; | 488 |
| 2.77; | 2.79; | 2.07; | 2.97; | 3.21; | 3.43; | 3.59; | 3.80; | 4.04; | 489 |
| 1.06; | 1.92; | 1.96; | 2.03; | 2.16; | 2.34; | 2.48; | 2.72; | 2.63; | 490 |
| 2.26; | 2.31; | 2.37; | 2.51; | 2.72; | 2.93; | 3.05; | 3.33; | 3.51; | 491 |
| 1.22; | 1.44; | 1.62; | 1.70; | 1.82; | 2.03; | 2.19; | 2.48; | 2.67; | 492 |
| 2.07; | 2.16; | 2.26; | 2.34; | 2.57; | 2.77; | 2.87; | 3.10; | 3.16; | 493 |
| 0.87; | 0.97; | 1.10; | 1.22; | 1.70; | 1.92; | 2.07; | 2.37; | 2.65; | 494 |
| 0.7[illegible]; | 1.10; | 1.22; | 1.33; | 1.62; | 1.92; | 2.07; | 2.37; | 2.51; | 495 |
| 1.92; | 2.07; | 2.10; | 2.23; | 2.34; | 2.57; | 2.70; | 2.83; | 2.87; | 496 |
| 2.23; | 2.31; | 2.37; | 2.48; | 2.63; | 2.84; | 2.96; | 3.22; | 3.40; | 497 |
| 1.75; | 1.[illegible]; | 2.03; | 2.07; | 2.23; | 2.48; | 2.60; | 2.80; | 2.96; | 498 |
| 1.7[illegible]; | 1.[illegible]; | 1.86; | 1.92; | 2.10; | 2.31; | 2.41; | 2.65; | 2.75; | 499 |
| 1.23; | 1.70; | 1.75; | 1.82; | 1.92; | 2.10; | 2.26; | 2.51; | 2.67; | 500 |
| 1.55; | 1.70; | 1.82; | 1.86; | 2.03; | 2.23; | 2.31; | 2.51; | 2.65; | 501 |
| 1.62; | 1.92; | 2.03; | 2.23; | 2.20; | 2.51; | 2.67; | 2.80; | 2.87; | 502 |
| 1.9[illegible]; | 2.16; | 2.23; | 2.31; | 2.44; | 2.51; | 2.63; | 2.87; | 3.12; | 503 |
| 1.5[illegible]; | 1.7[illegible]; | 1.92; | 2.07; | 2.20; | 2.51; | 2.65; | 2.80; | 2.99; | 504 |
| 0.[illegible]; | 1.[illegible]; | 1.53; | 1.75; | 2.10; | 2.44; | 2.65; | 2.85; | 2.94; | 505 |
| 1.02; | 1.86; | 1.92; | 1.96; | 2.07; | 2.34; | 2.51; | 2.77; | 2.63; | 506 |
| 1.33; | 1.[illegible]; | 2.03; | 2.19; | 2.44; | 2.72; | 2.63; | 3.11; | 3.30; | 507 |
| 2.26; | 2.[illegible]; | 2.37; | 2.40; | 2.72; | 2.86; | 2.96; | 3.12; | 3.10; | 508 |
| 2.10; | 2.23; | 2.31; | 2.37; | 2.57; | 2.77; | 2.87; | 3.03; | 3.15; | 509 |
| 1.96; | 2.03; | 2.07; | 2.10; | 2.26; | 2.46; | 2.60; | 2.76; | 2.[illegible]; | 510 |
| 2.03; | 2.10; | 2.23; | 2.31; | 2.44; | 2.65; | 2.76; | 2.89; | 3.00; | 511 |
| 1.75; | 1.[illegible]; | 1.92; | 2.03; | 2.19; | 2.40; | 2.65; | 2.87; | 3.05; | 512 |
| 1.70; | 1.[illegible]; | 1.86; | 1.86; | 1.92; | 2.10; | 2.19; | 2.41; | 2.54; | 513 |
| 1.92; | 2.03; | 2.10; | 2.23; | 2.44; | 2.75; | 2.84; | 3.08; | 3.34; | 514 |
| 1.92; | 2.03; | 2.10; | 2.19; | 2.37; | 2.63; | 2.76; | 2.93; | 3.14; | 515 |
| 0.[illegible]; | 1.22; | 2.03; | 2.10; | 2.31; | 2.60; | 2.72; | 2.84; | 2.90; | 516 |
| -0.45; | -0.11; | 1.22; | 1.82; | 2.10; | 2.34; | 2.65; | 2.81; | 2.89; | 518 |
| -0.[illegible]; | -0.[illegible]; | 0.[illegible]; | 1.10; | 1.[illegible]; | 2.16; | 2.37; | 2.72; | 2.84; | 520 |
| -0.94; | -0.49; | 1.23; | 1.70; | 1.92; | 2.23; | 2.34; | 2.65; | 2.80; | 521 |
| 1.75; | 1.[illegible]; | 1.86; | 1.92; | 2.07; | 2.31; | 2.40; | 2.70; | 2.86; | 522 |
| 2.10; | 2.19; | 2.20; | 2.34; | 2.57; | 2.75; | 2.80; | 2.93; | 2.99; | 523 |
| 2.20; | 2.34; | 2.41; | 2.54; | 2.86; | 3.22; | 3.45; | 3.09; | 4.04; | 524 |
| 0.97; | 1.91; | 2.18; | 2.33; | 2.73; | 3.04; | 3.28; | 3.70; | 4.04; | 525 |
| 2.10; | 2.27; | 2.30; | 2.52; | 2.81; | 3.22; | 3.45; | 3.86; | 4.04; | 526 |
| 1.53; | 1.62; | 1.70; | 1.75; | 1.82; | 1.96; | 2.16; | 2.57; | 2.81; | 527 |
| 2.48; | 2.57; | 2.67; | 2.80; | 2.98; | 3.32; | 3.49; | 3.80; | 4.04; | 528 |
| 2.00; | 2.09; | 2.19; | 2.34; | 2.51; | 2.76; | 2.86; | 3.03; | 3.22; | 529 |
| 2.19; | 2.23; | 2.44; | 2.60; | 2.82; | 3.05; | 3.20; | 3.52; | 3.73; | 530 |
| 2.03; | 2.07; | 2.16; | 2.31; | 2.51; | 2.80; | 2.88; | 3.13; | 3.32; | 531 |
| 2.03; | 2.07; | 2.10; | 2.23; | 2.34; | 2.54; | 2.65; | 2.80; | 2.89; | 535 |
| 1.84; | 1.89; | 1.96; | 2.05; | 2.19; | 2.41; | 2.54; | 2.76; | 2.86; | 536 |
| 1.22; | 1.82; | 2.10; | 2.34; | 2.78; | 3.22; | 3.43; | 3.74; | 3.92; | 537 |
| 1.82; | 1.82; | 1.96; | 2.07; | 2.23; | 2.50; | 2.72; | 3.01; | 3.17; | 538 |
| 1.62; | 1.70; | 1.75; | 1.84; | 2.00; | 2.19; | 2.34; | 2.67; | 2.82; | 539 |
| 1.82; | 1.84; | 1.86; | 1.92; | 2.05; | 2.28; | 2.46; | 2.77; | 3.04; | 540 |

→

nos M five hundred and forty one to six hundred;

50;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 0.68; | 1.10; | 1.44; | 1.62; | 2.26; | 2.48; | 2.72; | 3.21; | 3.60; | 541 |
| 1.86; | 1.89; | 1.96; | 2.07; | 2.28; | 2.50; | 2.63; | 2.80; | 2.93; | 542 |
| 1.92; | 2.00; | 2.07; | 2.31; | 2.56; | 2.79; | 2.95; | 3.17; | 3.32; | 543 |
| 1.86; | 2.49; | 2.74; | 2.86; | 2.99; | 3.35; | 3.52; | 3.81; | 4.04; | 544 |
| 2.10; | 2.19; | 2.31; | 2.41; | 2.60; | 2.85; | 2.99; | 3.30; | 3.47; | 545 |
| 2.10; | 2.19; | 2.30; | 2.48; | 2.72; | 3.00; | 3.15; | 3.47; | 3.68; | 546 |
| 1.96; | 2.03; | 2.10; | 2.23; | 2.56; | 2.90; | 3.22; | 3.42; | 3.62; | 547 |
| 2.43; | 2.48; | 2.59; | 2.75; | 2.96; | 3.18; | 3.37; | 3.62; | 3.78; | 548 |
| 2.03; | 2.07; | 2.13; | 2.23; | 2.46; | 2.77; | 2.89; | 3.19; | 3.34; | 549 |
| 2.66; | 2.71; | 2.83; | 2.95; | 3.22; | 3.43; | 3.54; | 3.81; | 4.04; | 550 |
| 0.88; | 1.22; | 1.44; | 1.62; | 1.82; | 2.05; | 2.28; | 2.67; | 2.95; | 551 |
| 1.70; | 1.73; | 1.79; | 1.84; | 2.03; | 2.21; | 2.36; | 2.77; | 2.99; | 552 |
| 2.41; | 2.69; | 2.87; | 3.00; | 3.13; | 3.34; | 3.47; | 3.87; | 4.04; | 554 |
| 1.75; | 1.79; | 1.84; | 1.92; | 2.05; | 2.23; | 2.34; | 2.53; | 2.59; | 557 |
| 1.96; | 2.00; | 2.03; | 2.10; | 2.23; | 2.41; | 2.56; | 2.75; | 2.80; | 558 |
| 1.86; | 1.92; | 1.96; | 2.07; | 2.19; | 2.36; | 2.48; | 2.64; | 2.75; | 559 |
| 1.84; | 1.92; | 1.96; | 2.07; | 2.19; | 2.43; | 2.59; | 2.77; | 2.88; | 560 |
| 1.62; | 1.70; | 1.82; | 1.92; | 2.07; | 2.34; | 2.44; | 2.75; | 2.82; | 561 |
| 1.46; | 1.50; | 1.55; | 1.62; | 1.74; | 1.90; | 2.09; | 2.44; | 2.64; | 562 |
| 1.22; | 1.39; | 1.53; | 1.70; | 1.82; | 2.03; | 2.13; | 2.41; | 2.65; | 563 |
| 1.50; | 1.60; | 1.75; | 1.92; | 2.13; | 2.34; | 2.48; | 2.75; | 2.83; | 564 |
| 2.10; | 2.10; | 2.20; | 2.41; | 2.60; | 2.79; | 2.88; | 3.07; | 3.10; | 565 |
| 2.31; | 2.33; | 2.44; | 2.67; | 2.77; | 2.95; | 3.11; | 3.39; | 3.52; | 566 |
| 2.40; | 2.50; | 2.61; | 2.72; | 2.94; | 3.18; | 3.35; | 3.71; | 4.04; | 567 |
| 1.60; | 1.70; | 1.75; | 1.96; | 2.03; | 2.23; | 2.41; | 2.72; | 2.95; | 568 |
| 1.80; | 1.70; | 1.79; | 1.84; | 2.03; | 2.23; | 2.43; | 2.72; | 2.84; | 569 |
| 1.80; | 2.03; | 2.07; | 2.13; | 2.30; | 2.57; | 2.71; | 2.89; | 3.02; | 570 |
| 1.90; | 2.09; | 2.10; | 2.25; | 2.37; | 2.65; | 2.77; | 2.98; | 3.14; | 571 |
| 2.07; | 2.30; | 2.44; | 2.67; | 2.79; | 3.10; | 3.31; | 3.60; | 3.74; | 575 |
| 2.31; | 2.19; | 2.20; | 2.37; | 2.54; | 2.75; | 3.02; | 3.03; | 3.29; | 576 |
| 2.10; | 2.22; | 2.14; | 2.37; | 2.67; | 3.30; | 3.43; | 3.67; | 4.04; | 578 |
| 2.40; | 2.00; | 2.10; | 2.67; | 3.25; | 3.40; | 3.60; | 3.89; | 4.04; | 579 |
| 2.71; | 2.44; | 2.10; | 2.70; | 3.03; | 3.35; | 3.52; | 3.77; | 4.00; | 580 |
| 2.50; | 2.70; | 2.37; | 3.01; | 3.25; | 3.44; | 3.60; | 3.92; | 4.01; | 582 |
| 2.74; | 2.30; | 2.94; | 3.03; | 3.22; | 3.39; | 3.52; | 3.83; | 4.04; | 583 |
| 2.77; | 2.36; | 2.74; | 2.92; | 3.11; | 3.39; | 3.54; | 3.78; | 4.04; | 584 |
| 2.51; | 2.00; | 2.77; | 2.88; | 3.07; | 3.34; | 3.50; | 3.77; | 3.99; | 586 |
| 2.21; | 2.40; | 2.82; | 2.90; | 3.22; | 3.46; | 3.56; | 3.93; | 4.04; | 587 |
| 1.10; | 2.00; | 2.20; | 2.54; | 3.30; | 3.45; | 3.45; | 3.78; | 4.04; | 588 |
| 1.94; | 1.94; | 2.03; | 2.10; | 2.29; | 2.44; | 2.57; | 2.79; | 2.89; | 589 |
| 1.92; | 2.10; | 2.20; | 2:41; | 2.75; | 3.04; | 3.22; | 3.50; | 3.66; | 590 |
| 2.07; | 1.75; | 1.80; | 1.96; | 2.19; | 2.57; | 2.76; | 3.02; | 3.22; | 591 |
| 0.75; | 1.73; | 1.82; | 1.92; | 2.07; | 2.23; | 2.37; | 2.67; | 2.79; | 592 |
| 1.70; | 1.02; | 2.23; | 2.34; | 2.54; | 2.85; | 3.05; | 3.39; | 3.92; | 593 |
| 1.44; | 1.62; | 2.23; | 2.34; | 2.54; | 2.80; | 2.96; | 3.29; | 3.47; | 594 |
| 1.93; | 2.10; | 2.23; | 2.37; | 2.57; | 2.87; | 3.09; | 3.56; | 4.00; | 595 |
| 2.10; | 2.19; | 2.20; | 2.34; | 2.51; | 2.86; | 3.02; | 3.49; | 3.79; | 596 |
| 2.10; | 2.07; | 2.16; | 2.43; | 2.37; | 2.65; | 2.77; | 3.00; | 3.44; | 597 |
| 2.03; | 2.47; | 2.50; | 2.73; | 2.94; | 3.23; | 3.36; | 3.70; | 4.04; | 599 |
| 2.34; | 2.28; | 2.37; | 3.40; | 2.70; | 2.97; | 3.15; | 3.51; | 3.62; | 600 |
| 2.23; | | | | | | | | | |

nos M six hundred and one to six hunared and fifty eight;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 2.10 | 2.10 | 2.23 | 2.41 | 2.07 | 2.36 | 3.00 | 3.43 | 3.66 | 601 |
| 1.86 | 1.86 | 1.92 | 2.03 | 2.10 | 2.31 | 2.48 | 2.72 | 3.00 | 602 |
| 1.10 | 1.33 | 1.70 | 1.75 | 1.06 | 2.16 | 2.20 | 2.51 | 2.70 | 603 |
| -0.45 | -0.11 | 0.20 | 0.55 | 0.97 | 1.44 | 1.86 | 2.27 | 2.69 | 604 |
| -0.11 | 0.55 | 2.34 | 2.57 | 2.77 | 3.11 | 3.31 | 3.71 | 4.04 | 607 |
| 2.23 | 2.33 | 2.45 | 2.66 | 2.91 | 3.24 | 3.40 | 3.76 | 4.04 | 608 |
| 2.41 | 2.21 | 2.05 | 2.77 | 2.97 | 3.20 | 3.39 | 3.66 | 3.93 | 609 |
| 2.21 | 2.07 | 2.70 | 2.09 | 3.12 | 3.43 | 3.66 | 3.81 | 3.94 | 610 |
| 2.23 | 2.20 | 2.37 | 2.40 | 2.72 | 3.05 | 3.29 | 3.63 | 3.70 | 611 |
| 2.21 | 2.24 | 2.70 | 2.00 | 2.94 | 3.22 | 3.36 | 3.71 | 4.04 | 612 |
| 2.03 | 2.05 | 2.70 | 2.03 | 3.02 | 3.29 | 3.42 | 3.69 | 3.94 | 613 |
| 2.00 | 2.02 | 2.53 | 3.06 | 3.19 | 3.31 | 3.41 | 3.91 | 4.04 | 614 |
| 1.92 | 1.96 | 2.07 | 2.16 | 2.20 | 2.51 | 2.70 | 2.96 | 3.16 | 616 |
| 1.70 | 1.73 | 1.75 | 1.82 | 1.86 | 2.07 | 2.16 | 2.41 | 2.53 | 617 |
| 2.83 | 2.05 | 2.96 | 3.04 | 3.17 | 3.40 | 3.96 | 4.00 | 4.04 | 618 |
| 1.24 | 1.30 | 1.36 | 1.42 | 1.52 | 1.70 | 1.01 | 2.05 | 2.19 | 619 |
| 1.02 | 1.02 | 2.03 | 2.28 | 2.57 | 2.90 | 3.12 | 3.63 | 4.04 | 620 |
| 2.54 | 2.00 | 2.07 | 2.01 | 2.96 | 3.18 | 3.35 | 3.68 | 4.04 | 622 |
| 2.21 | 2.34 | 2.44 | 2.54 | 2.75 | 2.96 | 3.09 | 3.35 | 3.50 | 623 |
| 1.86 | 1.96 | 2.03 | 2.16 | 2.31 | 2.63 | 2.83 | 3.13 | 3.34 | 624 |
| 1.70 | 1.82 | 1.86 | 1.96 | 2.28 | 2.60 | 2.75 | 2.96 | 3.13 | 625 |
| 2.10 | 2.23 | 2.28 | 2.34 | 2.57 | 2.78 | 2.91 | 3.15 | 3.36 | 626 |
| 2.03 | 2.07 | 2.10 | 2.19 | 2.34 | 2.60 | 2.77 | 3.09 | 3.33 | 627 |
| 2.19 | 2.23 | 2.34 | 2.41 | 2.63 | 2.84 | 3.02 | 3.34 | 3.53 | 629 |
| 2.27 | 2.05 | 2.77 | 2.09 | 3.11 | 3.37 | 3.51 | 3.76 | 4.00 | 630 |
| 1.82 | 1.80 | 1.92 | 1.96 | 2.07 | 2.23 | 2.37 | 2.60 | 3.02 | 631 |
| 1.82 | 1.82 | 1.86 | 1.96 | 2.19 | 2.89 | 3.28 | 3.77 | 4.04 | 632 |
| 2.80 | 2.81 | 3.02 | 3.13 | 3.25 | 3.43 | 3.51 | 3.63 | 4.00 | 633 |
| 2.27 | 2.29 | 2.67 | 2.76 | 2.97 | 3.24 | 3.42 | 3.68 | 4.00 | 634 |
| 2.44 | 2.40 | 2.57 | 2.67 | 2.80 | 3.02 | 3.15 | 3.49 | 3.73 | 635 |
| 2.20 | 2.34 | 2.44 | 2.57 | 2.75 | 2.97 | 3.13 | 3.42 | 3.50 | 636 |
| 1.44 | 1.53 | 1.82 | 1.70 | 1.82 | 2.16 | 2.48 | 2.93 | 3.06 | 637 |
| 2.19 | 2.29 | 2.31 | 2.37 | 2.48 | 2.75 | 2.81 | 2.96 | 3.00 | 638 |
| 1.75 | 1.86 | 1.96 | 2.07 | 2.28 | 2.63 | 2.89 | 3.33 | 3.59 | 639 |
| 2.21 | 2.27 | 2.67 | 2.77 | 2.99 | 3.26 | 3.40 | 3.72 | 3.87 | 640 |
| 2.00 | 2.03 | 2.54 | 3.05 | 3.22 | 3.41 | 3.51 | 3.94 | 4.00 | 641 |
| 1.99 | 1.82 | 1.75 | 1.82 | 1.92 | 2.19 | 2.34 | 2.72 | 2.96 | 643 |
| 2.31 | 2.34 | 2.48 | 2.65 | 2.84 | 3.12 | 3.33 | 3.75 | 3.91 | 644 |
| 2.00 | 2.04 | 2.73 | 2.80 | 2.03 | 3.20 | 3.30 | 3.69 | 4.01 | 645 |
| 2.24 | 2.04 | 2.73 | 2.79 | 2.90 | 3.20 | 3.40 | 3.76 | 4.00 | 646 |
| 1.27 | 1.82 | 1.70 | 1.75 | 1.86 | 1.96 | 2.10 | 2.41 | 2.57 | 647 |
| 2.25 | 2.20 | 2.34 | 2.40 | 2.72 | 2.93 | 3.05 | 3.32 | 3.50 | 648 |
| 1.04 | 1.70 | 1.75 | 1.82 | 1.92 | 2.10 | 2.31 | 2.72 | 2.89 | 649 |
| 2.03 | 2.15 | 2.20 | 2.34 | 2.63 | 2.91 | 3.13 | 3.67 | 3.83 | 650 |
| 1.86 | 1.70 | 1.75 | 1.82 | 1.96 | 2.19 | 2.34 | 2.77 | 3.00 | 651 |
| 2.44 | 2.21 | 2.60 | 2.67 | 2.86 | 3.11 | 3.30 | 3.61 | 3.89 | 652 |
| 1.82 | 1.70 | 1.75 | 1.82 | 1.96 | 2.25 | 2.37 | 2.80 | 2.61 | 653 |
| 2.51 | 2.05 | 2.54 | 2.67 | 3.15 | 3.37 | 3.52 | 3.66 | 4.04 | 654 |
| 2.27 | 2.02 | 2.60 | 2.70 | 3.02 | 3.30 | 3.49 | 3.66 | 4.04 | 656 |
| 2.27 | 2.02 | 2.66 | 2.77 | 3.00 | 3.31 | 3.44 | 3.75 | 4.04 | 658 |

nce : six hundred and fifty nine to seven hundred and twelve;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| -0.77 | 0.10 | 0.74 | 2.91 | 3.19 | 3.30 | 3.52 | 3.94 | 4.04 | 659 |
| 1.30 | 2.75 | 2.30 | 2.53 | 3.17 | 3.37 | 3.50 | 3.[illegible] | 4.04 | 660 |
| -0.4[illegible] | 2.[illegible] | 1.92 | 3.03 | 3.21 | 3.40 | 3.91 | 3.[illegible] | 4.04 | 661 |
| 0.76 | 1.41 | 1.25 | 1.20 | 2.61 | 3.12 | 3.41 | 3.[illegible]0 | 4.04 | 663 |
| 1.[illegible] | 1.[illegible] | 2.03 | 2.10 | 2.[illegible] | 2.70 | 2.89 | 3.10 | 3.40 | 664 |
| 0.[illegible] | 0.70 | 1.10 | 1.55 | 1.02 | 2.51 | 2.70 | 3.10 | 3.30 | 666 |
| 2.13 | 2.12 | 2.[illegible] | 2.41 | 2.00 | 2.16 | 2.34 | 3.02 | 3.31 | 667 |
| 2.10 | 2.12 | 2.31 | 2.44 | 2.03 | 2.16 | 2.91 | 3.02 | 3.29 | 668 |
| 0.[illegible] | 1.42 | 1.70 | 1.90 | 2.20 | 2.12 | 2.92 | 3.41 | 3.69 | 669 |
| 1.[illegible] | 2.03 | 2.1[illegible] | 2.31 | 2.[illegible] | 2.91 | 3.0[illegible] | 3.[illegible] | 3.71 | 671 |
| 2.41 | 2.[illegible] | 2.[illegible] | 2.[illegible] | 3.01 | 3.3[illegible] | 3.2[illegible] | 3.[illegible] | 4.04 | 672a |
| 1.[illegible] | 1.02 | 2.1[illegible] | 2.3[illegible] | 2.77 | 3.0[illegible] | 3.20 | 3.[illegible] | 4.04 | 672b |
| 2.0[illegible] | 2.1[illegible] | 2.3[illegible] | 2.21 | 2.79 | 3.03 | 3.2[illegible] | 3.[illegible] | 4.[illegible] | 673 |
| 2.[illegible] | 2.[illegible] | 1.[illegible] | 3.07 | 3.17 | 3.49 | 3.66 | 3.[illegible] | 4.04 | 674 |
| 2.2[illegible] | 2.31 | 2.37 | 2.51 | 2.[illegible] | 3.05 | 3.[illegible] | 3.[illegible] | 3.70 | 675 |
| 2.[illegible] | 2.[illegible] | 2.[illegible] | 3.11 | 3.34 | 3.[illegible] | 3.60 | 3.73 | 4.04 | 676 |
| 0.[illegible] | 0.73 | 0.97 | 1.10 | 1.33 | 1.70 | 1.[illegible] | 2.10 | 2.[illegible] | 678 |
| 0.[illegible] | 0.[illegible] | 1.22 | 1.4[illegible] | 2.1[illegible] | [illegible]57 | 2.31 | 3.[illegible] | 3.60 | 679 |
| 2.34 | 2.07 | 2.40 | 2.03 | 2.[illegible]1 | 2.97 | 3.0[illegible] | 3.51 | 3.76 | 680 |
| 1.70 | 1.[illegible] | 1.[illegible] | 1.[illegible] | 2.16 | 2.41 | 2.07 | 2.75 | 2.[illegible] | 681 |
| 1.[illegible] | 1.00 | 1.74 | 1.[illegible]0 | 1.[illegible] | 2.09 | 2.2[illegible] | 2.4[illegible] | 2.[illegible] | 682 |
| 1.[illegible] | 1.[illegible] | 2.03 | 2.10 | 2.23 | 2.37 | 2.[illegible] | 2.70 | [illegible] | 683 |
| 0.70 | 0.97 | 1.22 | 1.44 | 1.32 | 2.10 | 2.37 | 2.[illegible] | 3.0[illegible] | 684 |
| 0.[illegible] | 1.10 | 1.35 | 1.44 | 1.62 | 1.[illegible] | 2.07 | 2.51 | 2.77 | 685 |
| -0.1[illegible] | 0.20 | 0.[illegible] | 1.16 | 1.[illegible] | 1.[illegible] | 2.10 | 2.50 | 2.76 | 686 |
| -0.3[illegible] | 0.03 | 0.42 | 0.[illegible] | 0.78 | 1.12 | 1.31 | 1.[illegible] | 1.[illegible] | 687 |
| 0.0[illegible] | 0.37 | 0.[illegible] | 0.91 | 1.22 | 1.71 | 1.[illegible] | 2.14 | 2.60 | 688 |
| -0.20 | 0.13 | 0.[illegible] | 0.[illegible] | 1.12 | 1.46 | 1.[illegible] | 1.6[illegible] | 2.07 | 689 |
| -0.11 | 0.27 | 0.70 | 1.10 | 1.[illegible] | 1.[illegible] | 2.31 | 2.[illegible] | 3.1[illegible] | 690 |
| -0.11 | 1.10 | 1.[illegible] | 1.[illegible] | 1.92 | 2.23 | 2.34 | 2.72 | 3.00 | 691 |
| 1.14 | 1.20 | 1.30 | 1.34 | 1.[illegible]0 | 1.72 | 1.[illegible] | 1.[illegible] | 2.[illegible] | 692 |
| -0.[illegible] | -0.[illegible] | -0.[illegible] | 0.07 | 0.32 | 0.73 | 1.04 | 1.72 | 2.[illegible] | 693 |
| -0.[illegible] | -0.41 | 0.40 | 0.[illegible] | 0.90 | 1.24 | 1.46 | 1.[illegible] | 2.[illegible] | 694 |
| -0.[illegible] | -0.34 | -0.11 | 0.17 | 0.42 | 0.63 | 0.70 | 0.97 | 1.12 | 695 |
| [illegible] | 0.57 | 1.14 | 1.[illegible] | 1.[illegible] | 2.00 | 2.30 | 2.[illegible] | 2.[illegible] | 696 |
| -0.[illegible] | 0.07 | 0.73 | 1.12 | 1.73 | 2.00 | 2.20 | 2.70 | 2.[illegible] | 697 |
| 0.[illegible] | 0.42 | 0.[illegible] | 1.00 | 1.07 | 1.[illegible] | 2.03 | 2.42 | 2.[illegible] | 698 |
| 1.[illegible] | 1.[illegible] | 1.[illegible] | 1.70 | 1.[illegible] | 2.07 | 2.20 | 2.41 | 2.[illegible] | 699 |
| 1.[illegible] | 2.07 | 2.10 | 2.19 | 2.31 | 2.[illegible] | 2.[illegible] | 2.[illegible] | 2.[illegible] | 700 |
| 2.[illegible] | 2.07 | 2.10 | 2.25 | 2.37 | 2.[illegible] | 2.70 | 2.[illegible] | 3.0[illegible] | 701 |
| 1.[illegible] | 2.03 | 2.10 | 2.10 | 2.31 | 2.[illegible] | 2.72 | 2.91 | 3.00 | 702 |
| 1.[illegible] | 1.[illegible] | 1.[illegible] | 2.07 | 2.23 | 2.[illegible] | 2.[illegible] | 2.[illegible] | 3.10 | 703 |
| 1.70 | 1.70 | 1.[illegible] | 1.[illegible] | 2.10 | 2.41 | 2.[illegible] | 2.[illegible] | 3.00 | 704 |
| 1.70 | 1.[illegible] | 1.[illegible] | 1.92 | 2.07 | 2.20 | 2.41 | 2.[illegible] | 2.[illegible] | 705 |
| 1.[illegible] | 1.70 | 1.72 | 1.[illegible] | 1.[illegible] | 2.19 | 2.34 | 2.[illegible] | 2.70 | 706 |
| 1.[illegible] | 1.70 | 1.72 | 1.[illegible] | 2.05 | 2.19 | 2.34 | 2.[illegible] | 2.70 | 707 |
| 1.[illegible] | 1.[illegible] | 1.70 | 1.75 | 1.92 | 2.10 | 2.31 | 2.[illegible] | 2.65 | 709 |
| 1.[illegible] | 1.70 | 1.[illegible] | 1.[illegible] | 2.07 | 2.20 | 2.41 | 2.[illegible] | 2.72 | 710 |
| 1.[illegible] | 1.70 | 1.72 | 1.[illegible] | 1.92 | 2.10 | 2.33 | 2.51 | 2.[illegible] | 711 |
| 1.70 | 1.72 | 1.[illegible] | 1.92 | 2.10 | 2.37 | 2.51 | 2.75 | 2.[illegible] | 712 |

nos 1. seven hundred and thirteen to seven hundred and fifty four;

| 2% | 5% | 16% | 25% | 50% | 75% | 84% | 95% | 98% | Sample No. |
|---|---|---|---|---|---|---|---|---|---|
| 1.70 | 1.70 | 1.66 | 1.92 | 2.07 | 2.23 | 2.34 | 2.57 | 2.72 | 713 |
| 1.72 | 1.82 | 1.86 | 1.92 | 2.03 | 2.20 | 2.41 | 2.60 | 2.70 | 714 |
| 1.86 | 1.92 | 1.96 | 2.03 | 2.10 | 2.41 | 2.57 | 2.71 | 2.93 | 715 |
| 2.07 | 2.10 | 2.20 | 2.37 | 2.54 | 2.84 | 3.03 | 3.37 | 3.62 | 716 |
| 1.86 | 1.92 | 1.96 | 2.07 | 2.10 | 2.41 | 2.60 | 3.00 | 3.06 | 717 |
| 1.92 | 1.96 | 2.03 | 2.07 | 2.23 | 2.44 | 2.65 | 2.86 | 3.11 | 718 |
| 2.03 | 2.30 | 2.40 | 2.70 | 2.91 | 3.27 | 3.46 | 3.67 | 4.04 | 719 |
| 1.96 | 2.10 | 2.19 | 2.31 | 2.51 | 2.72 | 2.88 | 2.91 | 3.07 | 721 |
| 2.20 | 2.44 | 2.54 | 2.70 | 2.87 | 3.17 | 3.34 | 3.53 | 3.77 | 722 |
| 1.88 | 2.07 | 2.16 | 2.23 | 2.44 | 2.70 | 2.85 | 3.17 | 3.42 | 724 |
| 1.92 | 2.07 | 2.16 | 2.20 | 2.46 | 2.70 | 2.77 | 2.95 | 3.07 | 725 |
| 2.34 | 2.41 | 2.54 | 2.87 | 2.89 | 3.12 | 3.31 | 3.53 | 3.69 | 726 |
| 2.07 | 2.10 | 2.16 | 2.23 | 2.41 | 2.72 | 2.83 | 3.02 | 3.17 | 727 |
| 2.19 | 2.20 | 2.37 | 2.40 | 2.76 | 3.02 | 3.17 | 3.47 | 3.63 | 730 |
| 2.41 | 2.40 | 2.60 | 2.77 | 2.96 | 3.32 | 3.47 | 3.67 | 3.87 | 731 |
| 2.40 | 2.34 | 2.70 | 2.85 | 3.10 | 3.39 | 3.52 | 3.72 | 3.89 | 732 |
| 1.96 | 2.31 | 2.44 | 2.72 | 3.00 | 3.40 | 3.59 | 3.84 | 4.02 | 733 |
| 1.70 | 2.14 | 2.30 | 2.60 | 2.91 | 2.95 | 3.42 | 3.72 | 4.05 | 734 |
| 2.54 | 2.27 | 2.75 | 2.85 | 3.05 | 3.35 | 3.50 | 3.70 | 3.95 | 735 |
| 2.10 | 2.20 | 2.34 | 2.51 | 2.72 | 2.95 | 3.13 | 3.47 | 3.83 | 736 |
| 1.92 | 2.07 | 2.10 | 2.20 | 2.54 | 2.82 | 2.96 | 3.33 | 3.53 | 737 |
| 1.02 | 2.03 | 2.10 | 2.37 | 2.57 | 2.95 | 2.99 | 3.47 | 3.80 | 738 |
| 1.96 | 2.10 | 2.25 | 2.34 | 2.50 | 2.80 | 3.04 | 3.41 | 3.59 | 739 |
| 2.34 | 2.37 | 2.60 | 2.90 | 3.14 | 3.42 | 3.54 | 3.61 | 3.95 | 741 |
| 1.88 | 2.07 | 2.31 | 2.44 | 2.74 | 3.01 | 3.14 | 3.49 | 3.70 | 742 |
| 2.19 | 2.23 | 2.34 | 2.51 | 2.87 | 2.89 | 3.05 | 3.33 | 3.49 | 743 |
| 2.20 | 2.37 | 2.40 | 2.60 | 2.89 | 3.14 | 3.32 | 3.55 | 3.78 | 744 |
| 2.10 | 2.12 | 2.26 | 2.37 | 2.94 | 2.99 | 3.04 | 3.33 | 3.57 | 745 |
| -0.22 | -0.45 | 0.20 | 0.97 | 1.33 | 1.70 | 1.92 | 2.31 | 2.74 | 746 |
| 0.42 | 0.70 | 1.33 | 1.44 | 1.82 | 1.79 | 1.94 | 2.07 | 2.80 | 747 |
| 0.70 | 1.32 | 1.96 | 1.86 | 2.00 | 2.99 | 2.70 | 3.49 | 4.02 | 751 |
| 2.19 | 2.31 | 2.44 | 2.65 | 2.89 | 3.17 | 3.34 | 3.61 | 3.71 | 753 |
| 2.23 | 2.31 | 2.38 | 2.40 | 2.75 | 2.95 | 3.11 | 3.30 | 3.51 | 754 |

## APPENDIX IX

## MUD SAMPLE ANALYSES

Key:-

a. Median diam in microns (Md)

b. Value in microns from cumulative curve at 16%

c. Value in microns from cumulative curve at 84%

d. Mean diam. in microns(Mz)

e. % of mud greater than 24 microns

f. % of mud less than 24 microns

g. % of mud less than 4 microns

h. % of mud less than 2 microns

i. % of material present at 3 microns from frequency curve

j. Value in microns from cumulative curve at 25%

k. Value in microns from cumulative curve at 75%

l. Sorting coefficient (So)

m. % of material present at 16 microns from frequency curve

n. Modes in microns (Mo)

| Sample No. | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1 | 5.5 | 12.5 | 3.5 | 7.16 | 2 | 98 | 24 | 4 | 37.1 | 10 | 4 | 1.58 | 5 | 3 |
| B36 | 5 | 15 | 3.5 | 7.8 | 4 | 96 | 26.5 | 4.5 | 39.0 | 10 | 4 | 1.58 | 9.5 | 14.3 |
| B68 | 6 | 12.5 | 3.5 | 7.3 | - | 100 | 25 | 4 | 31.1 | 10 | 4 | 1.58 | 7 | 7.3 |
| B107 | 7.5 | 14 | 4 | 8.5 | 3.5 | 96.5 | 16 | 2 | 22.6 | 12 | 5 | 1.55 | 8.5 | 10.3 |
| B156 | 5 | 11 | 3.5 | 6.5 | 2 | 98 | 30 | 5 | 39.2 | 8.5 | 3.5 | 1.56 | 5 | 3 |
| M1 | 5.5 | 17 | 3.5 | 8.6 | 10.5 | 89.5 | 27 | 3.5 | 39.4 | 9.5 | 4 | 1.54 | 6 | 28,14,3 |
| M2 | 5 | 10.5 | 3.5 | 6.3 | 3 | 97 | 30 | 5 | 39.4 | 13 | 4 | 1.80 | 2 | 20,3 |
| M3 | 5.5 | 12.5 | 3.5 | 7.16 | 2 | 98 | 25 | 4.5 | 33.6 | 10 | 4 | 1.58 | 5 | 10.3 |
| M8 | 5 | 13 | 3.5 | 7.16 | 3 | 97 | 32.5 | 5.5 | 45.1 | 10 | 3.5 | 1.69 | 7 | 10,3 |
| M10 | 5.5 | 13 | 3.5 | 7.6 | 2.5 | 97.5 | 26.5 | 4 | 36.2 | 10.5 | 4 | 1.62 | 6.5 | 10,3 |
| M11 | 5 | 9 | 3.5 | 5.8 | - | 100 | 30 | 5 | 47 | 7 | 3.5 | 1.41 | 5.5 | 14,3 |
| M12 | 6.5 | 17.5 | 4 | 9.3 | 10.5 | 89.5 | 19 | 3 | 29.5 | 11.5 | 4.5 | 1.60 | 6 | 28,3 |
| M13 | 5 | 11.5 | 3.5 | 6.6 | 2 | 98 | 27 | 4.5 | 40.6 | 9 | 4 | 1.50 | 7 | 14,7,3 |
| M14 | 7.5 | 12 | 4 | 7.8 | 2.5 | 97.5 | 19 | 3.5 | 36.8 | 9.5 | 4.5 | 1.45 | 7 | 3 |
| M16 | 5 | 14.5 | 3.5 | 7.6 | 9 | 91 | 27.5 | 5 | 39.4 | 9.5 | 4 | 1.54 | 5 | 28,7,3 |
| M17 | 5.5 | 12.5 | 3.5 | 7.16 | 3 | 97 | 27.5 | 4.5 | 38.2 | 8.5 | 4 | 1.46 | 7 | 10,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M23 | 5 | 10 | 3.5 | 6.16 | 2.5 | 97.5 | 30 | 4.5 | 42.4 | 8 | 3.5 | 1.51 | 5.5 | 14,3 |
| M24 | 5.5 | 13 | 3.5 | 7.3 | 4 | 96 | 25 | 4 | 36.2 | 9.5 | 4 | 1.54 | 6 | 20,3 |
| M25 | 4.5 | 11.5 | 3 | 6.3 | - | 100 | 35 | 5 | 47 | 8 | 3.5 | 1.51 | 7.5 | 14,3 |
| M26 | 5.5 | 17.5 | 3.5 | 8.8 | 10.5 | 89.5 | 25 | 4 | 36.8 | 11.5 | 4 | 1.70 | 10.5 | 28,3 |
| M27 | 5 | 9.5 | 3.5 | 6 | 2.5 | 97.5 | 27.5 | 5 | 43.4 | 8.5 | 4 | 1.46 | 5.5 | 14,7,3 |
| M28 | 5 | 9 | 3.5 | 5.8 | - | 100 | 27.5 | 4 | 39.8 | 7 | 4 | 1.32 | 5 | 14,3 |
| M29 | 5.5 | 18 | 3.5 | 9 | 7 | 93 | 30 | 4.5 | 37.8 | 11.5 | 4 | 1.70 | 8.5 | 20,3 |
| M30 | 5.5 | 16 | 3.5 | 8.3 | 10 | 90 | 25 | 4.5 | 35.8 | 9.5 | 4 | 1.54 | 5.5 | 28,14,3 |
| M31 | 6 | 13.5 | 3.5 | 7.6 | 8.7 | 91.3 | 25 | 4 | 33.2 | 10 | 4 | 1.58 | 4.5 | 28,7,3 |
| M32 | 5 | 13 | 3.5 | 7.16 | 6 | 94 | 30 | 4.5 | 39.4 | 10 | 4 | 1.58 | 4 | 20,7,3 |
| M33 | 6 | 19.5 | 3.5 | 9.6 | 15.2 | 84.8 | 25 | 4.5 | 35.7 | 12 | 4 | 1.73 | 4 | 28,7,3 |
| M35 | 6.5 | 16.5 | 3.5 | 8.8 | 3.5 | 96.5 | 25 | 4 | 32.6 | 13 | 4 | 1.80 | 8.5 | 14,7,3 |
| M37 | 5.5 | 10 | 3 | 6.16 | 3 | 97 | 30 | 4 | 36.9 | 8.5 | 3.5 | 1.56 | 2 | 20,7,3 |
| M38 | 6.5 | 19.5 | 3.5 | 9.8 | 14.8 | 85.2 | 22.5 | 4 | 31.4 | 14.5 | 4 | 1.90 | 7.5 | 28,14,7,3 |
| M42 | 7 | 17 | 3.5 | 9.16 | 8.8 | 91.2 | 20 | 3 | 28.1 | 13 | 4.5 | 1.70 | 9 | 28,14,7,3 |
| M43 | 5.5 | 13.5 | 3.5 | 7.5 | 8.3 | 91.7 | 27.5 | 5 | 37.4 | 9.5 | 4 | 1.54 | 4 | 28,3 |
| M44 | 5 | 10 | 3.5 | 6.16 | 3 | 97 | 32 | 5 | 42.9 | 8 | 4 | 1.42 | 1.5 | 20,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M51 | 5 | 10.5 | 3 | 6.16 | 2 | 98 | 30 | 5.5 | 41.9 | 8.5 | 3.5 | 1.56 | 5 | 3 |
| M63 | 6.5 | 17 | 3.5 | 9 | 5 | 95 | 25 | 3.5 | 33.6 | 12 | 4 | 1.73 | 12 | 14,7,3 |
| M54 | 5 | 18.5 | 3.5 | 9 | 11.5 | 88.5 | 30 | 5 | 39.7 | 10.5 | 3.5 | 1.73 | 6.5 | 28,14,7,3 |
| M56 | 7 | 21 | 3.5 | 10.5 | 12.5 | 87.5 | 20 | 3 | 26.1 | 13 | 4.5 | 1.70 | 7 | 20,3 |
| M59 | 8 | 16 | 4 | 9.3 | 3 | 97 | 16 | 3 | 21.9 | 12 | 4.5 | 1.63 | 11.5 | 14,7,3 |
| M60 | 6 | 19.5 | 3.5 | 9.6 | 12.5 | 87.5 | 25 | 3.5 | 30.2 | 13 | 4 | 1.80 | 7 | 28,3 |
| M81 | 6.5 | 16.5 | 3.5 | 8.8 | 11 | 89 | 30 | 5.5 | 35.2 | 10 | 3.5 | 1.69 | 5.5 | 28,14,7,3 |
| M83 | 5 | 13.5 | 3.5 | 7.3 | 3 | 97 | 30 | 5 | 41.9 | 10 | 3.5 | 1.69 | 7 | 7,3 |
| M87+salt water | 5 | 28 | 3.5 | 12.16 | 21 | 79 | 27.5 | 4 | 41.2 | 21 | 4 | 2.29 | 3 | 28,3 |
| M87 | 6.5 | 22 | 3.5 | 10.6 | 14.5 | 85.5 | 25 | 5 | 31.2 | 11.5 | 4 | 1.70 | 2.5 | 28,7,3 |
| M87+ calgon | 8 | 29 | 4.5 | 13.8 | 20 | 80 | 12.5 | 2 | 16.7 | 13.0 | 5 | 1.61 | 2 | 28,7 |
| M89+calt water | 5 | 13.5 | 3.5 | 7.3 | 8 | 92 | 27.5 | 4.5 | 40.9 | 9 | 4 | 1.50 | 9.5 | 28,3 |
| M89 | 5 | 12 | 3 | 6.6 | 2.5 | 97.5 | 33.5 | 7 | 41.5 | 9 | 3.5 | 1.61 | 6 | 3 |
| M89+ calgen | 7 | 18.5 | 3.5 | 9.6 | 10.5 | 89.5 | 18.5 | 3 | 24.2 | 14.5 | 4.5 | 1.80 | 10 | 28,14,3 |
| M90 | 6 | 11 | 3.5 | 6.8 | 4.5 | 95.5 | 25 | 4 | 34.8 | 9 | 4 | 1.50 | 6.5 | 20,7,3 |
| M100 | 6 | 11 | 3.5 | 6.8 | 3.5 | 96.5 | 22.5 | 3.5 | 31.8 | 9 | 4 | 1.50 | 2 | 20,3 |
| M102 | 6 | 25 | 3.5 | 11.5 | 16.5 | 83.5 | 26 | 4.5 | 32.6 | 13 | 4 | 1.80 | 4.5 | 66,5,3 |
| M104 | 6 | 12.5 | 3.5 | 7.3 | 10.5 | 89.5 | 25 | 5 | 32.4 | 9.5 | 4 | 1.54 | 1.5 | 38,20,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M106 | 5 | 12 | 3.5 | 6.8 | - | 100 | 30 | 5.5 | 39.2 | 8.5 | 3.5 | 1.56 | 6 | 10,3 |
| M111 | 6.5 | 19.5 | 3.5 | 9.8 | 11 | 89 | 24 | 4 | 33.5 | 12 | 4 | 1.73 | 6 | 38,20,7,3 |
| M111+ calgon | 5.5 | 12.5 | 3.5 | 7.13 | 3 | 97 | 27 | 4.5 | 36.9 | 9.5 | 3.5 | 1.65 | 6.5 | 7,3 |
| M111+salt water | 6 | 11.5 | 3.5 | 7 | 2.5 | 97.5 | 22.5 | 3.5 | 34.8 | 9 | 4 | 1.50 | 5.5 | 7,3 |
| M127 | 7.5 | 19.5 | 3.5 | 10.16 | 13 | 87 | 22.5 | 4 | 31.7 | 13.5 | 4 | 1.83 | 7 | 28,7,3 |
| M128 | 6 | 56.5 | 3.5 | 22 | - | 100 | 25 | 4.5 | 34.4 | 13.5 | 4 | 1.83 | 4 | 66,5,3 |
| M183 | 8.5 | 61 | 3.5 | 24.3 | 23.5 | 76.5 | 20 | 3 | 25 | 22.5 | 4.5 | 2.24 | 6.5 | 66,5,14,7,3 |
| M190 | 5 | 10.5 | 3.5 | 6.3 | 3 | 97 | 32.5 | 5 | 39.7 | 8.5 | 3.5 | 1.56 | 2 | 20,3 |
| M212 | 5.5 | 12 | 3.5 | 7 | 2.5 | 97.5 | 27.5 | 4.5 | 37.5 | 9.5 | 4 | 1.54 | 6 | 7,3 |
| M237 | 7.5 | 17.5 | 3.5 | 9.5 | 10 | 90 | 22.5 | 4 | 33.5 | 12 | 4 | 1.73 | 9 | 14,7,3 |
| M256 | 5 | 20 | 3.5 | 9.5 | 8 | 92 | 27.5 | 4 | 38.1 | 12 | 4 | 1.73 | 10.5 | 20,7,3 |
| M257 | 6 | 11.5 | 3.5 | 7 | 2.5 | 97.5 | 25 | 4.5 | 33.4 | 11.5 | 4 | 1.70 | 6 | 7,3 |
| M258A | 6.5 | 18.5 | 3.5 | 9.5 | 11.5 | 88.5 | 20 | 3.5 | 30.2 | 12.5 | 4.5 | 1.67 | 6.5 | 28,3 |
| M260B | 6 | 15.5 | 3.5 | 8.3 | 3 | 97 | 22.5 | 3.5 | 31.7 | 10 | 4 | 1.58 | 11.5 | 14,7,3 |
| M261 | 6 | 17 | 3.5 | 8.8 | 9 | 91 | 22.5 | 3.5 | 30.5 | 10 | 4 | 1.58 | 8.5 | 28,14,7,3 |
| M262 | 5 | 11 | 3.5 | 6.5 | 2.5 | 97.5 | 25 | 3.5 | 39.9 | 9 | 4 | 1.50 | 6.5 | 14,7,3 |
| M263 | 4.5 | 17.5 | 3.5 | 8.5 | 10 | 90 | 32.5 | 4 | 45.9 | 9 | 3.5 | 1.60 | 6 | 20,3 |
| M265 | 6 | 20.5 | 3.5 | 10 | 8.5 | 91.5 | 26 | 4.5 | 36 | 13.5 | 4 | 1.84 | 7 | 38,10,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M267 | 6 | 26 | 3.5 | 11.8 | 17 | 83 | 25 | 4.5 | 34 | 14 | 4 | 1.87 | 5 | 14,7,3 |
| M268 | 6 | 19 | 3.5 | 9.5 | 12 | 88 | 22.5 | 4 | 31.6 | 12 | 4 | 1.73 | 7 | 28,14,3 |
| M269 | 14 | 57.5 | 4.5 | 25.3 | 39 | 61 | 14 | 2.5 | 20.1 | 40.5 | 5 | 2.84 | 7 | 66.5,20,10,3 |
| M270 | 5 | 16.5 | 3.5 | 8.3 | 8.6 | 91.4 | 29 | 5 | 40.3 | 11 | 3.5 | 1.77 | 8.5 | 28,14,10,3 |
| M271 | 5.5 | 14 | 3.5 | 7.6 | 9.0 | 91 | 27.5 | 5 | 36.4 | 10 | 3.5 | 1.69 | 4.5 | 28,3 |
| M278 | 6 | 9.5 | 3.5 | 6.3 | - | 100 | 25 | 5 | 31.7 | 8.5 | 4 | 1.46 | 5.5 | 14,3 |
| M287 | 6 | 17 | 3.5 | 8.8 | 6 | 94 | 22.5 | 4 | 32 | 12.5 | 4 | 1.77 | 9 | 20,10,3 |
| M291 | 8 | 22.5 | 3 | 11.16 | 15 | 85 | 15 | 3 | 19.2 | 15.5 | 5 | 1.76 | 8 | 28,5 |
| M292 | 6.5 | 60 | 3.5 | 23.3 | 22.5 | 77.5 | 22.5 | 3.5 | 30.9 | 20 | 4 | 2.24 | 6 | 66.5,10,3 |
| M294 | 5 | 12.5 | 3.5 | 7 | 3 | 97 | 26 | 4 | 39.1 | 9 | 4 | 1.50 | 7 | 14,3 |
| M297 | 5.5 | 12 | 3.5 | 7 | - | 100 | 25 | 4 | 36.6 | 10 | 4 | 1.58 | 5.5 | 10,3 |
| M298 | 7 | 19 | 3.5 | 9.8 | 12 | 88 | 25 | 4.5 | 31.5 | 13 | 4 | 1.80 | 6.5 | 38,7,3 |
| M299 | 6 | 19 | 3.5 | 9.5 | 12 | 88 | 27.5 | 4.5 | 35.1 | 12.5 | 4 | 1.77 | 6.5 | 38,7,3 |
| M302 | 5 | 13 | 3.5 | 7.16 | 3 | 97 | 29 | 4 | 42.5 | 9 | 3.5 | 1.60 | 7.5 | 14,7,3 |
| M303 | 5.5 | 14 | 3.5 | 7.6 | 3.5 | 96.5 | 27.5 | 4 | 35.9 | 11 | 4 | 1.66 | 8 | 10,3 |
| M304 | 5.5 | 12 | 3.5 | 7 | 3 | 97 | 27.5 | 4 | 37.3 | 8.5 | 4 | 1.46 | 7 | 14,3 |
| M305 | 7.5 | 57.5 | 4 | 23 | 28.5 | 71.5 | 16 | 2.5 | 21.8 | 29.5 | 5 | 2.43 | 1.5 | 66.5,28,3 |
| M307 | 5 | 15.5 | 3.5 | 8 | 4 | 96 | 30 | 5 | 42.6 | 10 | 3.5 | 1.69 | 9.5 | 14,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M310 | 8.5 | 33 | 3.5 | 15 | 24.5 | 75.5 | 20 | 3.5 | 29 | 23.5 | 4.5 | 2.28 | 7.5 | 38,10,3 |
| M312 | 5.5 | 14 | 3.5 | 7.6 | 3.5 | 96.5 | 25 | 4 | 37.3 | 9.5 | 4 | 1.54 | 8.5 | 14,7,3 |
| M319 | 15 | 56.5 | 4.5 | 25.3 | 43 | 57 | 12.5 | 2 | 16.2 | 38.5 | 6 | 2.53 | 5.5 | 66.5,38,7,3 |
| M320 | 5 | 11 | 3.5 | 6.16 | 3.5 | 96.5 | 30 | 4.5 | 39.4 | 9 | 3.5 | 1.65 | 2.5 | 20,7,3 |
| M322 | 6 | 15 | 3.5 | 8.16 | 9.5 | 91.5 | 25 | 4.5 | 33.2 | 11 | 4 | 1.66 | 5 | 28,3 |
| M323B | 5 | 10 | 3 | 6 | - | 100 | 32.5 | 5.5 | 45.6 | 8.5 | 3.5 | 1.56 | 4.5 | 7,3 |
| M324 | 7.5 | 25.0 | 3.5 | 12 | 16.5 | 83.5 | 22.5 | 3.5 | 31.4 | 16.5 | 4 | 2.03 | 9 | 38,14,7,3 |
| M325 | 6 | 16.5 | 3.5 | 8.6 | 10 | 90 | 25 | 4 | 33 | 12 | 4 | 1.73 | 5.5 | 28,10,3 |
| M327 | 7.0 | 31.5 | 4 | 14.16 | 22 | 78 | 17.5 | 3 | 26.2 | 20 | 4.5 | 2.10 | 7 | 38,14,3 |
| M328 | 5.5 | 11.5 | 3.5 | 6.8 | 3 | 97 | 25 | 4 | 35.5 | 8.5 | 4 | 1.46 | 6 | 3 |
| M329 | 5 | 10.5 | 3.5 | 6.3 | 2.5 | 97.5 | 25 | 4.5 | 39 | 8 | 4 | 1.41 | 6 | 14,3 |
| M330 | 10.5 | 60 | 4 | 23.16 | 32 | 68 | 16 | 2.5 | 20.4 | 45 | 5 | 3.00 | 6 | 66.5,38,7,3 |
| M331 | 7 | 15.5 | 3.5 | 8.6 | 2.5 | 97.5 | 19 | 3.5 | 29.9 | 12.5 | 4.5 | 1.67 | 10.5 | 7,3 |
| M332 | 8 | 55 | 4 | 22.3 | 33.5 | 66.5 | 17.5 | 3 | 26.1 | 37 | 4.5 | 2.87 | 1.5 | 66.5,7,3 |
| M333 | 5 | 14 | 3.5 | 7.5 | 3.5 | 96.5 | 26.5 | 4 | 39.1 | 11 | 4 | 1.66 | 8 | 10,3 |
| M334 | 7 | 31 | 3.5 | 13.8 | 21 | 79 | 21 | 3 | 31.2 | 19.5 | 4 | 2.21 | 6.5 | 38,14,7,3 |
| M335 | 5.5 | 18 | 3.5 | 9 | 12.5 | 87.5 | 35 | 6 | 48.4 | 12.5 | 3.5 | 1.89 | 6.5 | 28,14,3 |
| M336 | 5 | 14 | 3.5 | 7.5 | 3.5 | 96.5 | 30 | 5 | 45.5 | 8.5 | 3.5 | 1.56 | 8.5 | 14,7,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M337 | 5.5 | 14 | 3.5 | 7.6 | 4.5 | 95.5 | 25 | 4 | 36.7 | 10 | 4 | 1.58 | 7 | 20,7,3 |
| M338 | 6.5 | 16 | 4 | 8.8 | 8 | 92 | 18 | 3 | 28 | 11.5 | 4.5 | 1.60 | 7 | 28,3 |
| M339 | 5.5 | 11 | 3.5 | 6.6 | 2 | 98 | 27 | 4.5 | 37.5 | 8.5 | 4 | 1.46 | 5 | 3 |
| M340 | 5 | 11.5 | 3.5 | 6.6 | 3 | 97 | 32.5 | 5 | 41.9 | 8.5 | 3.5 | 1.56 | 6.5 | 14,3 |
| M341 | 5 | 14.5 | 3.5 | 7.6 | 9.5 | 90.5 | 25 | 4.5 | 39.7 | 9 | 4 | 1.50 | 4.5 | 40,14,3 |
| M342 | 5 | 14.5 | 3.5 | 7.6 | 3.5 | 96.5 | 27.5 | 4 | 39.5 | 9 | 4 | 1.50 | 8.5 | 14,3 |
| M343 | 5 | 9.5 | 3.5 | 6 | 4 | 96 | 30 | 5 | 42 | 8 | 3.5 | 1.51 | 3 | 20,7,3 |
| M344 | 7 | 20.5 | 3.5 | 10.3 | 13.5 | 86.5 | 22.5 | 4 | 34 | 13.5 | 4 | 1.84 | 7.5 | 28,7,3 |
| M345 | 5.5 | 13.5 | 3.5 | 7.5 | 4.5 | 95.5 | 25 | 4.5 | 35 | 9 | 4 | 1.50 | 7 | 20,3 |
| M346 | 5 | 10 | 3.5 | 6.16 | - | 100 | 32.5 | 5.5 | 41.9 | 8 | 3.5 | 1.56 | 4.5 | 3 |
| M348 | 5.5 | 17 | 3.5 | 8.6 | 6 | 94 | 27.5 | 4 | 38.3 | 10 | 4 | 1.58 | 9.5 | 20,7,3 |
| M349 | 5.5 | 19 | 3.5 | 9.3 | 12 | 88 | 25 | 4.5 | 35.7 | 13 | 4 | 1.84 | 6.5 | 28,10,3 |
| M350 | 6 | 14 | 3.5 | 7.8 | 3.5 | 96.5 | 25 | 4 | 32.4 | 9.5 | 4 | 1.54 | 8.5 | 14,3 |
| M351 | 5 | 13.5 | 3.5 | 7.3 | 3.5 | 96.5 | 30 | 5 | 41.6 | 8.5 | 3.5 | 1.56 | 7.5 | 14,3 |
| M356 | 6 | 14 | 3.5 | 7.8 | 3.5 | 96.5 | 25 | 4.5 | 33.8 | 9.5 | 4 | 1.54 | 8 | 14,3 |
| M357 | 5.5 | 14.5 | 3 | 7.6 | 3.5 | 96.5 | 27.5 | 5 | 36.2 | 11.5 | 3.5 | 1.81 | 8.5 | 10,3 |
| M358 | 4 | 8 | 3 | 5 | - | 100 | 50 | 7.5 | 64.5 | 5 | 3.5 | 1.20 | - | 7,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M359 | 5 | 12.5 | 3 | 6.8 | - | 100 | 29 | 5 | 41.6 | 11 | 3.5 | 1.77 | 5.5 | 10,3 |
| M360 | 6.5 | 16 | 3.5 | 8.6 | 10.6 | 89.4 | 20 | 4 | 29.2 | 12 | 4.5 | 1.63 | 5.5 | 28,3 |
| M361 | 5.5 | 10 | 3.5 | 6.3 | 2.5 | 97.5 | 30 | 5 | 38 | 8.5 | 4 | 1.46 | 6 | 14,3 |
| M363 | 6 | 15.5 | 3.5 | 8.3 | 10.2 | 89.8 | 25 | 3 | 32.4 | 11.5 | 4 | 1.70 | 5 | 28,3 |
| M364 | 6 | 15.5 | 3.5 | 8.3 | 4 | 96 | 27.5 | 4 | 34.8 | 10.5 | 4 | 1.62 | 10 | 14,7,3 |
| M378 | 6.5 | 12.5 | 3.5 | 7.5 | 2 | 98 | 20 | 3.5 | 28.7 | 9.5 | 4.5 | 1.45 | 8 | 14,6,3 |
| M385 | 8 | 30 | 4.5 | 14.16 | 20.5 | 79.5 | 13.5 | 2.5 | 18.6 | 18.5 | 5.5 | 1.83 | 6.5 | 38,5 |
| M390 | 4.5 | 12 | 3.5 | 6.6 | 3 | 97 | 30 | 5.5 | 43.6 | 8.5 | 3.5 | 1.56 | 7 | 14,7,3 |
| M391 | 7 | 39 | 3.5 | 16.5 | 16.8 | 83.2 | 21 | 5 | 35.6 | 15.5 | 4.5 | 1.85 | 7 | 38,14,7,3 |
| M408 | 4.5 | 9 | 3 | 5.5 | - | 100 | 30 | 6.5 | 46.4 | 12 | 3.5 | 1.85 | 7.5 | 14,7,3 |
| M409 | 5 | 13 | 3.5 | 7.16 | 3.5 | 96.5 | 31 | 5.5 | 42.9 | 8.5 | 3.5 | 1.56 | 7.5 | 14,3 |
| M409+ calgon | 6.5 | 13 | 4 | 7.8 | 2.5 | 97.5 | 16 | 3 | 22.6 | 10.5 | 5 | 1.45 | 6 | 5 |
| M409+salt water | 4.5 | 9 | 3.5 | 5.6 | 2 | 98 | 35 | 4 | 55.6 | 6.5 | 3.5 | 1.36 | 5 | 14,3 |
| M410 | 8 | 15 | 4.5 | 9.16 | 2.5 | 97.5 | 13.5 | 2 | 18 | 12 | 5.5 | 1.48 | 10 | 7,3 |
| M411 | 7 | 57 | 3.5 | 22.5 | 17.8 | 82.2 | 22.5 | 4 | 27.3 | 13 | 4.5 | 1.70 | 4 | 66.5,3 |
| M412 | 5 | 15.5 | 3.5 | 8 | 10.1 | 89.9 | 30 | 5 | 38.6 | 9.5 | 3.5 | 1.65 | 5.5 | 28,14,7,3 |
| M413 | 6 | 11 | 3.5 | 6.8 | 2.5 | 97.5 | 24 | 4 | 32.3 | 9 | 4 | 1.50 | 5.5 | 7,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M414 | 5 | 14 | 3.5 | 7.5 | 12.5 | 97.5 | 30 | 4.5 | 40 | 10 | 3.5 | 1.69 | 2 | 28,7,3 |
| M415 | 6 | 10.5 | 3.5 | 6.6 | 3 | 97 | 25 | 4 | 34.8 | 9 | 4 | 1.50 | 2 | 20,7,3 |
| M420 | 5 | 10 | 3 | 6 | - | 100 | 30 | 5 | 38.1 | 8.5 | 3.5 | 1.56 | 4.5 | 3 |
| M428 | 5.5 | 15.5 | 3.5 | 8.16 | 4 | 96 | 25 | 5 | 37.9 | 10.5 | 4 | 1.62 | 9.5 | 14,7,3 |
| M433 | 6 | 14 | 3.5 | 7.8 | 9 | 91 | 23 | 4 | 31.7 | 10 | 4 | 1.58 | 4.5 | 28,7,3 |
| M434 | 5.5 | 12.5 | 3.5 | 7.16 | - | 100 | 27.5 | 5 | 38.2 | 10 | 4 | 1.58 | 8 | 7,3 |
| M458 | 6 | 15 | 3.5 | 8.16 | 7.1 | 92.9 | 25 | 4 | 33.3 | 10.5 | 4 | 1.62 | 7 | 28,14,3 |
| M461 | 6 | 14.5 | 3.5 | 8 | 6.7 | 93.3 | 27.5 | 4.5 | 32.8 | 10 | 4 | 1.58 | 7 | 28,14,3 |
| M467 | 5.5 | 12.5 | 3.5 | 7.15 | 2 | 98 | 27.5 | 4 | 38.3 | 9.5 | 3.5 | 1.65 | 8 | 14,7,3 |
| M468 | 7.5 | 17 | 4 | 9.5 | 10 | 90 | 16 | 2 | 22.2 | 12 | 5 | 1.55 | 7.5 | 38,14,7,3 |
| M469 | 6 | 13 | 3.5 | 7.5 | 7.5 | 92.5 | 22.5 | 3 | 32.9 | 9.5 | 4 | 1.54 | 4 | 28,7,3 |
| M470 | 6 | 16 | 3.5 | 8.5 | 10 | 90 | 24 | 3 | 32.6 | 10.5 | 4 | 1.62 | 5.5 | 28,3 |
| M497 | 5.5 | 14 | 3.5 | 8.3 | 10 | 90 | 22.5 | 4.5 | 33.6 | 9 | 3.5 | 1.60 | 5.5 | 28,14,3 |
| M524 | 7.5 | 23.5 | 4 | 11.6 | 15 | 85 | 19 | 3.5 | 26.2 | 16.5 | 4.5 | 1.91 | 8.5 | 20,3 |
| M525 | 5 | 9.5 | 3.5 | 6 | 2.5 | 97.5 | 30 | 5 | 43.2 | 8 | 3.5 | 1.51 | 5.5 | 14,3 |
| M526 | 5.5 | 10.5 | 3.5 | 6.3 | 2 | 98 | 27.5 | 4.5 | 36.9 | 8.5 | 3.5 | 1.56 | 5 | 7,3 |
| M528 | 6 | 14 | 3.5 | 7.8 | 8.5 | 91.5 | 27.5 | 4 | 35.8 | 10.5 | 3.5 | 1.73 | 4.5 | 28,7,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M530 | 5.5 | 17.5 | 3.5 | 8.8 | 11 | 89 | 25 | 4 | 37.3 | 9.5 | 4 | 1.54 | 6 | 28,14,3 |
| M532 | 6.5 | 22 | 3.5 | 10.6 | 13 | 87 | 23 | 3.5 | 32.7 | 13 | 4 | 1.80 | 10.5 | 28,14,3 |
| M533 | 6 | 15.5 | 4 | 8.5 | 9.5 | 90.5 | 18.5 | 3.5 | 24.8 | 9.5 | 4.5 | 1.45 | 5 | 28,3 |
| M537 | 5 | 12.5 | 3.5 | 7 | 7.4 | 92.6 | 27.5 | 5 | 37.7 | 9 | 4 | 1.50 | 4 | 28,3 |
| M539 | 5.5 | 11 | 3.5 | 6.6 | 2 | 98 | 30 | 4 | 37.1 | 9 | 4 | 1.50 | 5 | 7,3 |
| M540 | 5.5 | 14.5 | 3.5 | 7.8 | 9 | 91 | 27.5 | 4.5 | 36 | 9.5 | 4 | 1.54 | 5 | 28,14,7,3 |
| M541 | 5 | 13 | 3.5 | 7.16 | - | 100 | 30 | 4.5 | 38.5 | 9.5 | 3.5 | 1.65 | 9 | 14,3 |
| M543 | 6 | 17.5 | 3.5 | 9 | 10.5 | 89.5 | 25 | 4 | 35.3 | 12 | 4 | 1.73 | 6 | 28,7,3 |
| M547 | 5.5 | 14 | 3.5 | 7.6 | 8.5 | 91.5 | 25 | 4 | 38.9 | 10 | 4 | 1.58 | 4.5 | 20,7,3 |
| M550 | 5 | 13 | 3.5 | 7.16 | 8 | 92 | 26.5 | 4 | 43.5 | 8.5 | 4 | 1.46 | 4.5 | 28,14,3 |
| M553 | 6 | 12.5 | 3.5 | 7.3 | 8 | 92 | 26 | 4 | 35.6 | 9 | 4 | 1.50 | 4.5 | 28,7,3 |
| M554 | 6 | 23 | 3.5 | 10.8 | 15 | 85 | 25 | 4 | 36.6 | 13 | 4 | 1.80 | 5 | 28,3 |
| M555 | 5 | 16 | 3.5 | 8.16 | 9.5 | 90.5 | 27 | 5 | 39.6 | 9 | 4 | 1.50 | 5.5 | 28,7,3 |
| M566 | 5 | 18 | 3.5 | 8.8 | 10 | 90 | 27.5 | 4 | 39.5 | 13.5 | 4 | 1.84 | 9.5 | 28,14,3 |
| M567 | 7 | 15.5 | 3.5 | 8.6 | 9.5 | 90.5 | 25 | 4 | 31.1 | 12 | 4 | 1.73 | 5 | 28,8.5,3 |
| M572 | 5.5 | 10 | 3.5 | 6.3 | 7.5 | 92.5 | 27.5 | 4.5 | 37.8 | 8 | 4 | 1.42 | - | 28,3 |
| M573 | 6 | 12.5 | 3.5 | 7.3 | 3 | 97 | 25 | 4 | 35.9 | 9.5 | 4 | 1.54 | 6 | 7,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M574 | 5.5 | 12 | 3.5 | 7 | 2 | 98 | 25 | 4 | 35.3 | 9 | 4 | 1.50 | 7.5 | 14,3 |
| M575 | 5 | 12 | 3.5 | 6.8 | 4 | 96 | 30 | 4.5 | 40.3 | 9 | 3.5 | 1.60 | 6 | 20,7,3 |
| M578 | 5 | 12 | 3.5 | 6.8 | 3 | 97 | 30 | 5 | 41.4 | 8.5 | 3.5 | 1.56 | 7 | 14,3 |
| M581 | 6.5 | 19 | 3.5 | 9.6 | 9.5 | 90.5 | 25 | 4 | 33.7 | 14 | 4 | 1.87 | 9.5 | 14,7,3 |
| M585 | 5.5 | 13.5 | 3.5 | 7.5 | 7.5 | 92.5 | 25 | 4 | 36.2 | 9 | 4 | 1.50 | 4 | 28,3 |
| M587 | 6 | 9 | 3.5 | 6.16 | 2.5 | 97.5 | 25 | 4 | 34.4 | 9 | 4 | 1.50 | 5.5 | 7,3 |
| M588 | 6 | 16 | 3.5 | 8.5 | 2.5 | 97.5 | 25 | 4 | 34.5 | 12.5 | 5 | 1.77 | 13.5 | 14,7,3 |
| M597 | 6 | 13.5 | 3.5 | 7.6 | 3 | 97 | 22.5 | 3 | 37.3 | 9.5 | 4 | 1.54 | 7.5 | 14,7,3 |
| M598 | 5.5 | 10 | 3.5 | 6.3 | 2 | 98 | 25 | 4.5 | 36.3 | 8.5 | 4 | 1.46 | 5 | 3 |
| M599 | 5 | 12.5 | 3.5 | 7 | 3 | 97 | 30 | 5 | 40.5 | 9 | 3.5 | 1.60 | 8 | 14,7,3 |
| M600 | 7 | 26 | 3.5 | 12.16 | 17 | 83 | 25 | 3.5 | 31.2 | 14 | 4 | 1.87 | 5 | 7,3 |
| M601 | 6 | 15 | 3.5 | 8.16 | 9 | 91 | 22.5 | 4 | 33 | 10 | 4 | 1.58 | 5.5 | 20,7,3 |
| M605 | 6.5 | 19.5 | 4 | 10 | 13.5 | 86.5 | 16 | 3 | 27 | 13.5 | 4.5 | 1.73 | 7 | 38,14,3 |
| M606 | 6.5 | 10 | 4 | 6.8 | 3 | 97 | 17.5 | 2 | 29.7 | 9 | 4.5 | 1.54 | 7 | 7,3 |
| M607 | 5.5 | 14 | 3.5 | 7.6 | 6.3 | 93.7 | 27.5 | 4.5 | 37.4 | 11 | 4 | 1.66 | 4 | 28,14,7,3 |
| M608 | 5 | 12 | 3.5 | 6.8 | 2.5 | 97.5 | 32 | 4 | 40.5 | 9 | 3.5 | 1.60 | 6 | 3 |
| M609 | 5.5 | 13.5 | 3.5 | 7.5 | 2 | 98 | 28 | 4.5 | 37.6 | 9.5 | 3.5 | 1.65 | 8.5 | 14,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M610 | 7.5 | 14 | 4.5 | 8.6 | 13.5 | 86.5 | 12 | 2 | 18.4 | 10.5 | 5 | 1.50 | 4.5 | 20,5 |
| M611 | 5 | 13.5 | 3.5 | 7.3 | 8.5 | 91.5 | 32.5 | 5 | 42.7 | 9.5 | 3.5 | 1.65 | 5 | 28,7,3 |
| M612 | 6.5 | 15 | 3.5 | 8.3 | 11 | 89 | 17.5 | 1.5 | 26.8 | 9.5 | 4.5 | 1.56 | 3.5 | 38,7,3 |
| M613 | 6 | 13.5 | 3.5 | 7.6 | 3.5 | 96.5 | 25 | 3.5 | 32.1 | 10.5 | 4 | 1.62 | 7.5 | 3 |
| M614 | 8 | 32 | 3.5 | 14.5 | 24 | 76 | 20 | 3 | 26.2 | 22 | 4.5 | 2.21 | 5 | 28,7,3 |
| M615 | 5 | 9.5 | 3.5 | 6 | - | 100 | 30 | 2.5 | 39.3 | 8 | 3.5 | 1.51 | 3.5 | 7,3 |
| M619 | 5.5 | 12.5 | 3.5 | 7.16 | 8 | 92 | 30 | 4.5 | 37.9 | 9 | 3.5 | 1.60 | 4 | 28,14,3 |
| M620 | 6.5 | 14 | 3.5 | 8 | 9 | 91 | 20 | 3 | 27.6 | 10 | 4.5 | 1.49 | 4.5 | 28,3 |
| M621 | 5.5 | 14 | 3.5 | 7.6 | 5 | 95 | 27.5 | 5 | 36.8 | 10 | 4 | 1.58 | 7.5 | 20,3 |
| M628 | 5 | 9 | 3.5 | 5.8 | - | 100 | 30 | 4 | 43.9 | 7.5 | 3.5 | 1.46 | 3.5 | 14,3 |
| M630 | 6 | 9.5 | 3.5 | 6.3 | 2 | 98 | 25 | 4.5 | 33.6 | 8.5 | 4 | 1.46 | 5 | 14,3 |
| M631 | 5.5 | 13 | 3 | 6.8 | 8.5 | 91.5 | 23 | 4 | 38.1 | 9 | 3.5 | 1.60 | 1 | 28,3 |
| M632 | 5 | 10 | 3.5 | 6.1 | 2.5 | 97.5 | 31 | 4.5 | 41.2 | 8.5 | 3.5 | 1.56 | 6 | 14,7,3 |
| M633 | 5.5 | 12 | 3.5 | 7 | 2 | 98 | 26 | 4.5 | 36.1 | 9 | 4 | 1.50 | 5 | 3 |
| M634 | 5 | 14.5 | 3 | 7.5 | 5 | 95 | 27.5 | 5 | 38.8 | 8.5 | 3.5 | 1.56 | 7.5 | 20,3 |
| M635 | 6 | 12 | 3.5 | 71.6 | - | 100 | 28.5 | 3.5 | 32.1 | 9.5 | 3.5 | 1.65 | 6 | 3 |
| M636 | 5.5 | 11.5 | 3.5 | 6.8 | 2 | 98 | 30 | 4.5 | 37.2 | 9 | 3.5 | 1.60 | 4.5 | 3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M637 | 5.5 | 12.5 | 3.5 | 7.16 | 3 | 97 | 25 | 5 | 35.5 | 9.5 | 4 | 1.54 | 6.5 | 7,3 |
| M640 | 5 | 9 | 3.5 | 5.8 | - | 100 | 29 | 4 | 41 | 8 | 3.5 | 1.51 | 3 | 7,3 |
| M641 | 6 | 12.5 | 3.5 | 7.3 | 3 | 97 | 29 | 4.5 | 3.59 | 9.5 | 3.5 | 1.65 | 6.5 | 7,3 |
| M642 | 6.5 | 13 | 3.5 | 7.6 | 7 | 93 | 18.5 | 3 | 26 | 10 | 4.5 | 1.49 | 4 | 28,7,3 |
| M644 | 6.5 | 14 | 3.5 | 8 | 8.5 | 91.5 | 23.5 | 3 | 29.1 | 11 | 4.5 | 1.56 | 4.5 | 20,7,3 |
| M646 | 7.5 | 22.5 | 4 | 11.3 | 15 | 85 | 16 | 2.5 | 24.9 | 15.5 | 4.5 | 1.85 | 8 | 38,14,7,3 |
| M648 | 5 | 10.5 | 3 | 6.16 | 8.2 | 91.8 | 32.5 | 5 | 38.3 | 8.5 | 3.5 | 1.56 | - | 28,3 |
| M650 | 5.5 | 12.5 | 3.5 | 7.16 | 7 | 93 | 27.5 | 4.5 | 37.5 | 10 | 3.5 | 1.69 | 3.5 | 28,3 |
| M651 | 5.5 | 12 | 3 | 6.8 | 2.5 | 97.5 | 30 | 4.5 | 36.4 | 9 | 3.5 | 1.60 | 6 | 3 |
| M654 | 7 | 19 | 3.5 | 9.8 | 13 | 87 | 20 | 3.5 | 28.2 | 12.5 | 4.5 | 1.67 | 6.5 | 38,14,7,3 |
| M655 | 5 | 10 | 3.5 | 6.16 | 3 | 97 | 27.5 | 4.5 | 39.4 | 8 | 3.5 | 1.56 | 2 | 20,3 |
| M656 | 6 | 15 | 3.5 | 8.16 | 9 | 91 | 25 | 4 | 31.6 | 10 | 4 | 1.58 | 5 | 20,3 |
| M657 | 6 | 15.5 | 3.5 | 8.3 | 7.6 | 92.4 | 25 | 4 | 35.5 | 9.5 | 4 | 1.54 | 7.5 | 38,14,7,3 |
| M658 | 7 | 21 | 4 | 10.6 | 13.5 | 86.5 | 17.5 | 2.5 | 27.8 | 12.5 | 4.5 | 1.67 | 4.5 | 20,3 |
| M659 | 5.5 | 11 | 3.5 | 6.6 | 2 | 98 | 27.5 | 4.5 | 37.7 | 8.5 | 4 | 1.46 | 5 | 3 |
| M660 | 6 | 11.5 | 3.5 | 7 | 8 | 92 | 22.5 | 4 | 30 | 9 | 4 | 1.50 | 1 | 38,20,3 |
| M661 | 5 | 11.5 | 3.5 | 7.6 | 8 | 92 | 27 | 5 | 39.5 | 9 | 4 | 1.50 | 1 | 28,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M662 | 5.5 | 11.5 | 3.5 | 6.8 | 2.5 | 97.5 | 25 | 4.5 | 38.5 | 9 | 4 | 1.50 | 5.5 | 3 |
| M663 | 6.5 | 25 | 3.5 | 11.6 | 16.5 | 83.5 | 22.5 | 4 | 28.8 | 13.5 | 4 | 1.84 | 5 | 38,3 |
| M665 | 7 | 29 | 3.5 | 13.16 | 19 | 81 | 20 | 3 | 27.8 | 17 | 4.5 | 1.94 | 6 | 38,3 |
| M670 | 6 | 14 | 3.5 | 7.8 | 9 | 91 | 21.5 | 3.5 | 31.7 | 10 | 4 | 1.58 | 5 | 28,3 |
| M672A | 6 | 13.5 | 3.5 | 7.6 | 8.5 | 91.5 | 22.5 | 3.5 | 33.7 | 9.5 | 4 | 1.54 | 4.5 | 28,7,3 |
| M674 | 5 | 10 | 3.5 | 6.16 | 2 | 98 | 30 | 4 | 42.5 | 8.5 | 3.5 | 1.56 | 4.5 | 7,3 |
| M675 | 5 | 23 | 3 | 10.3 | 15 | 85 | 31 | 5 | 39.8 | 12 | 3.5 | 1.85 | 2 | 28,10,3 |
| M676 | 8 | 26 | 4 | 12.6 | 18 | 82 | 17.5 | 3 | 26.5 | 18.5 | 4.5 | 2.10 | 10 | 28,14,7,3 |
| M677 | 5 | 12.5 | 3.5 | 7 | 3 | 97 | 27.5 | 5 | 39 | 9.5 | 4 | 1.54 | 6.5 | 3 |
| M680 | 6 | 13 | 3.5 | 7.5 | 3 | 97 | 25 | 3.5 | 35.1 | 9.5 | 4 | 1.54 | 7 | 7,3 |
| M716 | 5.5 | 12 | 3.5 | 7 | 8 | 92 | 25 | 4.5 | 36.9 | 9 | 4 | 1.50 | 4.5 | 28,14,3 |
| M719 | 5.5 | 26.5 | 3.5 | 11.8 | 17.5 | 82.5 | 25 | 4 | 37.3 | 15 | 4 | 1.94 | 5.5 | 38,14,3 |
| M720 | 5 | 12.5 | 3.5 | 7 | 3 | 97 | 33 | 5 | 41.4 | 9.5 | 3.5 | 1.65 | 7 | 14,7,3 |
| M722 | 5.5 | 27 | 3.5 | 12 | 18 | 82 | 30 | 5 | 35.8 | 15 | 4 | 1.94 | 5.5 | 38,14,3 |
| M723 | 10 | 53.5 | 4 | 22.3 | 33.5 | 66.5 | 17.5 | 3 | 20.4 | 35 | 5 | 2.64 | 6 | 66.5,20,3 |
| M726 | 5 | 10.5 | 3.5 | 6.3 | 3 | 97 | 26.5 | 4.5 | 34.8 | 9 | 4 | 1.50 | 2 | 20,7,3 |
| M728 | 6 | 14 | 3.5 | 7.8 | 3.5 | 96.5 | 25 | 6.5 | 29.3 | 9.5 | 4 | 1.54 | 8 | 14,3 |

| | a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M729 | 6.5 | 19 | 3.5 | 9.6 | 10.5 | 89.5 | 20 | 3 | 32 | 14.5 | 4.5 | 1.80 | 10.5 | 28,14,3 |
| M734 | 6 | 13.5 | 3.5 | 7.6 | 3 | 97 | 21.5 | 3.5 | 30.6 | 10 | 4 | 1.58 | 7.5 | 3 |
| M740 | 6 | 13.5 | 3.5 | 7.6 | 10.5 | 89.5 | 22.5 | 3.5 | 31 | 11 | 4 | 1.66 | 6 | 28,3 |
| M748 | 7.5 | 18.5 | 4 | 10 | 6 | 94 | 16 | 3.5 | 28.5 | 15.5 | 4.5 | 1.86 | 14.5 | 10,3 |
| M749 | 7.5 | 27 | 4 | 9.5 | 19 | 81 | 17.5 | 3 | 25.9 | 19 | 4.5 | 2.05 | 10 | 38,14,3 |
| M750 | 12 | 52.5 | 4 | 22.8 | 38.5 | 61.5 | 26 | 2.5 | 23 | 34 | 5 | 2.61 | 9.5 | 66.5,14,7,3 |
| M752 | 5 | 11 | 3.5 | 6.5 | 2 | 98 | 27.5 | 4.5 | 40.2 | 8 | 4 | 1.41 | 5 | 3 |
| M754 | 6.5 | 17.5 | 3.5 | 9.16 | 9.5 | 90.5 | 23.5 | 4 | 33.8 | 13 | 4 | 1.80 | 8.5 | 28,14,7,3 |
| M755 | 8 | 26.5 | 4 | 12.8 | 17.5 | 82.5 | 26 | 3 | 23.6 | 17 | 4.5 | 1.94 | 9 | 38,14,3 |

# APPENDIX X

## CODE LIST AS USED TO DESCRIBE

## FAUNAL POPULATIONS

(For a description of fauna see text)

| Code No. | Binomial Nomenclature |
|---|---|
| 1 | Cardium edule |
| 2 | Pharus legumen |
| 3 | Hydrobia ulvae |
| 4 | Littorina littorea |
| 5 | Donax vittatus |
| 6 | Ostrea edulis |
| 7 | Pectinaria sps. (probably two species present) |
| 8 | Barnea candida |
| 9 | Glycimerus glycimerus |
| 10 | Mytilus edulis |
| 11 | Modiolus modiolus |
| 12 | Echinus esculentus |
| 13 | Trivia arctica |
| 14 | Emarginula reticulata |
| 15 | Venus ovata |
| 16a | Venus faciata |
| 16b | Venus casina |
| 17 | Venus striatula |
| 18 | Lithothamnea sps. |
| 19a)<br>19b) | (Undifferentiated) spines of Echinus esculentus and Echinocardium cordatum |
| 20a | Chlamys opercularis |
| 20b | Chlamys varia |
| 20c | Chlamys distorta |
| 21 | Polyzoan (undefined) |
| 22 | Echinocyamus pusillus |
| 23 | Pomatoceros triqueter |
| 24 | Pomotoceros sps. |
| 25)<br>26) | Turritella communis |

| | |
|---|---|
| 27) | Porifera (undefined) |
| 28) | |
| 29 | Lima loscombii |
| 30 | Chlamys tigerina |
| 31 | Paphia rhomboidea |
| 32) | Macoma balthica |
| 33) | |
| 34 | Lutraria lutraria |
| 35 | Mya arenaria |
| 36 | Mactra stultorum |
| 37 | Spisula elliptica |
| 38 | Scrobicularia plana |
| 39 | Abra Alba |
| 40 | Spisula subtruncata |
| 41a | Tellina tenius |
| 41b | Tellina fabula |
| 42 | Gari fervensis |
| 43 | Macoma balthica |
| 44 | Nucula turgida |
| 45 | Natica poliana |
| 46 | Cantharidus montagui |
| 47 | Gibbula cineraria |
| 48 | Tricola pullus |
| 49 | Gibbula tumida |
| 50 | Nassarius incrassatus |
| 51 | Trophon truncatus |
| 52 | Terbinella eligentisima |
| 53 | Gastropod (undefined) |
| 54 | Buccinum undatum |
| 55 | Dentalium entalis |
| 56 | Balanus crenatus |
| 57 | Calliostoma zizyphinium |
| 58 | Ocenbra crinacea |
| 59 | Flustra foliacea |

| | |
|---|---|
| 60 | Membranipora membranipora |
| 61 | Aloidis gibba |
| 62 | Cardium crassum |
| 63 | Anomia ephippium |
| 64 | Natica catena |
| 65 | Cardium echinatum |
| 66 | Littorina saxatilis |
| 67 | Littorina littoralis |
| 68 | Lanice conchilega |
| 69 | Nassarius incrassatus |
| 70 | Balanus balanoides (elongate form) |

The order in which items appear in the above list is the order of identification, and the numbers relate to the reference samples which have been kept. In some cases the same species is duplicated with two or more examples, this is usually because they represent slight variations in form; or different valves of the same shell. Some species of Porifera and Polyzoa have not been identified because of the difficulty involved and shortage of time. The lack of identity does not materially affect their use in defining population distributions.

## APPENDIX XI

## LIST OF CODED FAUNA FROM SAMPLES

Key:-

d = Dominant. More than half of the faunal fragments belong to this form.

c = Common. This form never represents more than half of the fauna present, but it is represented by many more than one or two fragments.

p = Present. Only one or two fragments of this form are represented in the sample.

For key to the numbers used see Appendix X .

| Sample No. | Faunal Code |
|---|---|
| B3 | 10c |
| B4 | 24c |
| B7 | 59c |
| B8 | 10d, 55p, 24p, 4p |
| B10 | 10d |
| B11 | 10c |
| B12 | 24c, 10p, 1p |
| B13 | 10c, 34p |
| B14 | 24p, 10p |
| B15 | 10p |
| B16 | 10p, 1p |
| B17 | 10c, 1c, 24p |
| B18 | 10d, 1c |
| B19 | 10d |
| B20 | 10c, 1c |
| B21 | 10p, 5p, 1p |
| B22 | 10p, 1p |
| B23 | 5d, 30c, 1c |
| B24 | 5d, 1c |
| B26 | 5c, 30p, 10p |
| B30 | 5c |
| B31 | 5d, 2c, 41p, 15p, 1p |
| B32 | 36d, 5c, 16p, 2p, 1p |
| B33 | 33c, 5c, 1c, 29p, 16p, 2p |

| | |
|---|---|
| B34 | 5d, 1c, 25p, 16p, 6p, 4p, 2p, 65p |
| B35 | 33c, 5c, 17p, 1p |
| B36 | 5d, 17p |
| B38 | 10p, 1p |
| B39 | 5c, 33p, 2p |
| B40 | 5c, 40p, 33p, 2p |
| B42 | 7c, 25p, 1p |
| B43 | 5c, 1c |
| B47 | 32p, 10p, 8p, 7p, 1p, 68p |
| B48 | 25d, 58c |
| B52 | 12p, 5p |
| B62 | 1d, 32p |
| B64 | 33d, 7c, 1p |
| B66 | 1d, 36p |
| B67 | 1d, 5c, 8p |
| B68 | 1d |
| B70 | 5c, 10p, 1p |
| B72 | 5p |
| B76 | plant roots |
| B78 | 32c, 10p, 5p, 1p |
| B79 | 10p, 1p |
| B82 | 32c, 1p |
| B83 | 1p |
| B86 | 7d, 32c |
| B87 | 32d, 7p, 1p |
| B89 | 1c |
| B91 | 1p |
| B93 | plant stems |
| B96 | 32c, 5c, 35p, 8p, 1p |
| B97 | 32c, 1c, 5p |
| B99 | 8c, 5c |
| B100 | 1c, 25p |
| B101 | 5d, 33p, 12p, 7p |
| B102 | 7c, 5c, 43p, 2p |

| | |
|---|---|
| B104 | 7c, 5c, 33p, 2p |
| B112 | 5p |
| B113 | 5d, 37p, 2p, 1p |
| B114 | 5d, 7c, 37p, 33p, 2p |
| B115 | 7p, 5p, 2p, 1p |
| B116 | 8p, 1p |
| B117 | 7d, 16c, 5p, 2p |
| B118 | 44c, 5c, 43p, 37p, 7p, 2p, 1p |
| B119 | 11p, 7p, 1p |
| B120 | 7c, 5c, 44p |
| B121 | 5d, 44p, 37p, 11p, 1p |
| B122 | 5d, 1c, 17p, 8p |
| B123 | 7c, 5c, 37p, 2p |
| B124 | 5d, 44p, 16p |
| B125 | 8p, 7p, 1p |
| B126 | 7c, 2c, 44p, 33p, 4p |
| B127 | 5d, 44c, 1c, 16p |
| B128 | 7d, 44c, 32c, 17c, 1c, 16p, 10p |
| B136 | 1p |
| B137 | 7c, 1c |
| B138 | 44c, 1c |
| B140 | 7c, 1c |
| B141 | 44c, 1c |
| B142 | 1c, 10p, 7p |
| B143 | 1c, 7p |
| B144 | 1d, 44p, 10p, 7p |
| B145 | 1d, 7p, 5p |
| B146 | 1d, 33p, 7p |
| B147 | 1d, 7p, 5p |
| B148 | 1d, 10p |
| B149 | 1d, 33p, 10p |
| B152 | 10c, 1c, 33p, 7p |
| B153 | 1d, 10c, 56p, 33p |
| B154 | 1c, 44p, 33p, 16p, 10p |

| | |
|---|---|
| B155 | 1d, 10c, 43p, 7p |
| B157 | 1d |
| B158 | 1d, 10p, 7p |
| B159 | 1c, 10p |
| B161 | 1d, 10p, 7p, 5p |
| B162 | 1d, 33p, 10p |
| B163 | 33c, 1c, 10p, 8p, 7p, 5p |
| B164 | 1c, 33p, 7p, 5p |
| B165 | 1d, 10p |
| B166 | 1d, 7c, 37p |
| B167 | 1d, 33c, 10p |
| B168 | 1d, 33p |
| B169 | 5d, 33p, 1p |
| B170 | 43d, 5p, 1p |
| B171 | 10d, 7p, 1p |
| B172 | 32d |
| B173 | 3d, 32p |
| B174 | 3d, 33p, 15p |
| B175 | 43d |
| B176 | 3d, 33p |
| B177 | 1d |
| B178 | 1d, 33c |
| B179 | 33d, 3p, 1p |
| B181 | 3d, 1c |
| B182 | 1d, 33p, 10p |
| B232 | 1d, 33c, 43c |
| B233 | 1d, 33p |
| M6 | 33d, 1c, 10p, 7p |
| M7 | 10d, 1p |
| M8 | 56d |
| M18 | 1d, 10c |
| M20 | 56d |
| M21 | 10p |
| M23 | 43d, 1p |

| | |
|---|---|
| M34 | 7d, 32c, 5c, 1c |
| M36 | 7d, 37p, 5p, 1p |
| M37 | 7d, 37c, 5c, 1c |
| M39 | 10d, 5c, 78p, 56p, 26p, 8p |
| M41 | 7d, 43c, 54p, 10p, 5p, 4p |
| M42 | 10c, 15p, 8p, 1p |
| M45 | 32d, 10c, 1c, 33p, 5p |
| M46 | 1d, 33c, 32c, 44p, 25p, 10p, 8p, 7p, 5p, 2p |
| M47 | 33d, 1c, 66p, 44p, 10p, 5p |
| M48 | 33d, 1c, 25p, 10p |
| M49 | 43c, 33c, 1c, 10p, 5p |
| M51 | 56d |
| M55 | 33d, 1c |
| M58 | 56d |
| M60 | 10d |
| M61 | 44d, 17c, 25p, 20p, 5p, 2p |
| M62 | 20d, 22c, 43p, 7p, 2p |
| M63 | 1d, 32c, 55p, 33p, 22p, 20p |
| M64 | 37c, 5c, 2c, 22p, 20p, 8p |
| M65 | 40c, 39c, 7c, 2c, 1p |
| M66 | 43c, 22c, 39p |
| M67 | 42d, 36c, 12p, 7p, 5p, 2p |
| M68 | 17c, 5c, 36p, 22p, 20p, 7p |
| M69 | 32p, 1p |
| M70 | 37p, 22p, 19p, 12p, 2p |
| M71 | 37d, 32c, 17p, 7p, 2p, 1p |
| M72 | 37c, 33c, 2c, 54p, 28p, 24p, 12p, 8p, 5p |
| M73 | 2c, 36p, 33p, 20p, 1p |
| M75 | 17c, 54p, 36p, 24p |
| M77A | 7d, 36c, 37p, 8p |
| M77B | 7d, 39c, 32c |
| M78 | 10c, 39p, 33p, 8p, 7p, 1p |
| M79 | 10d, 43c, 1c, 11p, 8p, 5p |
| M80 | 33d, 1c, 10p, 2p |

| | |
|---|---|
| M82 | 33c, 10c, 1c, 36p, 12p, 5p, 4p |
| M84 | 1d, 36c, 10c, 5c, 54p |
| M85 | 33d, 1c, 67p, 10p |
| M86 | 33d, 5p, 1p |
| M87 | 1c, 42p |
| M93 | 10p |
| M101 | 10p |
| M103 | 56p |
| M107 | 10c, 33p, 11p, 8p, 1p |
| M108 | 10d, 43p |
| M109 | 7d, 37c, 44p, 1p |
| M110 | 44c, 17c, 8c, 5c, 2c, 37p, 26p, 24p, 20p, 7p, 4p, 1p |
| M111 | 32c, 20c, 17c, 57p, 56p, 55p, 44p, 35p, 24p, 5p |
| M112 | 37c, 2c, 20p |
| M113 | 37c, 5c, 2c, 54p, 47p, 22p, 12p, 1p |
| M115 | 37c, 6c, 24p, 22p, 7p |
| M116 | 24c, 28p |
| M117 | 24d, 56c, 37p, 35p, 20p, 19p, 10p |
| M118 | 20c, 56p, 55p, 47p, 36p, 35p, 17p, 10p, 7p, 5p, 4p |
| M119 | 33p, 7p, 2p |
| M120 | 37p, 32p, 7p, 2p |
| M121 | 36c, 33c, 22c, 5c, 2c, 1c, 47p, 12p |
| M122 | 24d, 22p |
| M123 | 56p, 37p, 20p, 7p |
| M124 | 24d, 7p, 59p, hydrozoan p |
| M126 | 20c, 2c, 33p, 17p, 7p |
| M127 | 17c, 2c, 44p, 42p, 20p, 1p |
| M128 | 7d, 43c, 39c, 1c |
| M129 | 44c, 39c, 5c, 33p, 7p |
| M130 | 5d, 44p, 10p |
| M131 | 33c, 7c, 5c |
| M132 | 28c, 8c, 5c, 44p, 36p, 26p, 20p, 1p |
| M134 | 44c, 17c, 55p, 36p, 2p, 1p |
| M135 | 44c, 43c, 33c, 17c, 2c, 54p, 24p, 7p, 1p |

| | |
|---|---|
| M136 | 44c, 2c, 37p, 17p, 8p, 5p |
| M137 | 24c, 55p, 45p, 44p, 20p |
| M138 | 20d, 24p, 17p |
| M139 | 39c, 2c, 12p, 5p, 1p |
| M140 | 12d, 19c |
| M142 | 19c, 12c, 5c |
| M144 | 37c, 28c, 24c, 20c, 43p, 10p, 8p |
| M145 | 7d, 37c, 56p, 20p |
| M146 | 66p, 37p, 28p, 24p, 2p |
| M147 | 37c, 19c, 12p, 10p, 7p, 2p |
| M148 | 33c, 5c, 36p, 12p, 10p, 2p, 1p |
| M150 | 56p, 19p, 7p |
| M151 | 37d, 20c, 2c, 56p |
| M153 | 56c, 44p |
| M154 | 66p, 20p, 4p |
| M155 | 20p, 10p |
| M159 | 5d, 44c, 37c, 2p, 1p |
| M160 | 44c, 33c, 7c, 5p, 66p, 37p, 25p, 17p, 12p, 8p, 1p |
| M162 | 5d, 2p |
| M163 | 5c, 36p |
| M164 | 5d, 44p, 36p, 7p, 1p |
| M166 | 44c, 37c, 20c, 66p, 56p, 41p, 36p, 10p, 7p |
| M167 | 43c, 37c, 36c, 22c, 20c, 2c, 57p, 56p, 55p, 54p, 41p, 24p, 10p, 17p, 8p, 5p, 1p |
| M168 | 36c, 20c, 33p, 17p, 10p, 2p |
| M169 | 56p, 10p |
| M170 | 20p, 10p, 5p |
| M171 | 33p, 19p, 5p |
| M172 | 10c, 1c, 37p, 33p, 5p, 2p |
| M173 | 41p, 37p, 5p |
| M174 | 20c, 7c, 66p, 56p, 43p, 33p, 24p, 20p, 17p, 2p, 1p |
| M176 | 20c, 24p, 12p, 7p, 5p, 2p |
| M177 | 20c, 37p, 33p, 10p, 5p |
| M178 | 2d, 36c, 66p, 55p, 44p, 25p, 24p, 22p, 20p, 10p, 5p |
| M179 | 39c, 37c, 7c, 55p, 54p, 5p, 2p, 1p |

| | |
|---|---|
| M182 | 5d, 44p, 10p, 7p, 1p |
| M183 | 7d, 5c |
| M184 | 7d, 39c, 5p, 1p |
| M186 | 7d, 5c, 39p, 8p |
| M187 | 44c, 7c, 5c, 33p, 8p |
| M189 | 5d, 10c, 37p, 1p |
| M192 | 5d, 41p |
| M193 | 7d |
| M196 | 7d, 37c, 2c, 41p, 5p |
| M197 | 39c, 36c, 7c, 2c, 37c, 17p, 12p, 5p |
| M198 | 44c, 39c, 37c, 7c, 5c, 2c, 43p, 17p |
| M199 | 7d, 39c, 37p |
| M200 | 1c, 56p, 43p, 5p |
| M201 | 56p, 39p, 8p, 7p, 5p, 1p |
| M206 | 39c, 5c, 44p, 17p |
| M207 | 5c, 41p, 39p, 37p, 12p, 8p, 7p, 1p |
| M208 | 5d |
| M219 | 20c, 5c, 55p, 36p, 33p, 28p, 41p, 15p, 10p, 63p |
| M221 | 33c, 20c, 10c, 66p, 55p, 44p, 41p, 36p, 24p, 15p |
| M222 | 41p, 17p, 12p |
| M223 | 37c, 33c, 20c, 17c, 41p, 19p, 12p, 5p, 2p |
| M225 | 24c, 20c, 15c, 55p, 44p, 37p, 22p, 2p |
| M226 | 61c, 41c, 20c, 17c, 15c, 66p, 33p, 24p, 10p |
| M227 | 41c, 20c, 17c, 61p, 31p, 15p |
| M228 | 44c, 2c, 61p, 39p, 33p, 20p, 19p, 17p, 15p, 12p, 7p |
| M229 | 17c, 2c, 39p, 37p, 22p, 12p |
| M230 | 44c, 17c, 2c, 54p, 37p, 22p, 20p, 19p, 12p |
| M231 | 17c, 2c, 44p, 33p, 25p, 4p |
| M323 | 25c, 17c, 2c, 44p, 42p, 37p, 1p |
| M233 | 39c, 17c, 36p, 19p, 4p |
| M234 | 39c, 2c, 61p, 17p, 7p |
| M235 | 44c, 17c, 2c, 42p, 20p |
| M236 | 17c, 7c, 44p, 42p, 39p, 27p, 33p, 19p, 10p, 5p, 2p, 1p |
| M237 | 7c, 39p, 37p, 17p, 12p, 10p, 8p |

| | |
|---|---|
| M239 | 61c, 55c, 44c, 20c, 17c, 56p, 51p, 37p, 15p, 10p, 7p, 2p, 1p |
| M240 | 61c, 55c, 20c, 10c, 44p, 39p, 37p, 36p, 33p, 24p, 22p, 4p, 2p |
| M241 | 31p, 20p, 17p, 7p, 1p |
| M242 | 20c, 17c, 15c, 56p, 44p, 37p, 10p, 8p, 7p, 2p |
| M243 | 37c, 20c, 17c, 2c, 44p, 33p, 24p, 15p |
| M244 | 39c, 20c, 2c, 37p, 32p, 12p, 7p |
| M246 | 20c, 15c, 61p, 44p, 32p, 17p, 10p, 8p, 62p |
| M247 | 61c, 55c, 39c, 20c, 17c, 15c, 2c, 44p, 33p, 32p, 10p |
| M248 | 39c, 37c, 33c, 17c, 61p, 44p, 12p, 7p, 2p |
| M249 | 61c, 44c, 39c, 17c, 2c, 45p, 42p, 12p, 7p, 1p |
| M250 | 39c, 17c, 44p, 37p, 36p, 7p, 5p, 2p, 1p |
| M251 | 44c, 5c, 61p, 3p, 33p, 12p, 8p |
| M252 | 5c, 39p, 17p, 7p, 2p |
| M257 | 10c |
| M259 | 1d, 5c, 33p |
| M267 | 56p, 10p |
| M272 | 33p, 5p |
| M281 | 10c, 33p |
| M283 | 10d |
| M293 | 10d, 1p |
| M296 | 10d, 1c, 33p |
| M301 | 10c, 1c, 37p, 33p, 15p |
| M306 | 33c, 10c, 1c, 66p |
| M309 | 33c, 1c, 25p, 10p |
| M323B | 33c, 1c |
| M326 | 10c, 1p |
| M328 | 56d |
| M329 | 32c, 10p, 1p |
| M330 | 56p, 1p |
| M333 | 33p, 7p |
| M341 | 56d |
| M349 | 43d |

| | |
|---|---|
| M354 | 33c, 1c, 10p, 8p |
| M365 | 10p, 1p |
| M367 | 39c, 10p, 8p, 7p |
| M370 | 7c, 12p, 1p |
| M371 | 7p |
| M372 | 37p |
| M373 | 46p, 43p, 7p, 5p |
| M374 | 7d, 43p, 37p |
| M375 | 56p |
| M376 | 5c, 10p, 1p |
| M377 | 5d, 41p, 10p, 8p |
| M378 | 56d, 10p |
| M379 | 35p, 10p, 1p |
| M380 | 56p, 20p, 10p, 1p |
| M381 | 44c, 7c, 5c, 61p, 43p, 37p, 33p, 22p, 17p |
| M382 | 44c, 17c, 7c, 5c, 41p, 3p, 37p, 2p |
| M383 | 39c, 37c, 7c, 5c, 44p, 41p, 20p, 12p, 2p, 1p |
| M384 | 39c, 37c, 7c, 5c, 2c, 44p, 17p, 15p, 1p |
| M385 | 44c, 39c, 37c, 33c, 7c, 5c, 61p, 41p, 36p, 17p, 2p |
| M386 | 7c, 41p, 39p, 2p |
| M387 | 7c, 5c, 37p |
| M388 | 44c, 39c, 5c, 17p, 15p, 8p, 1p |
| M389 | 44c, 5c, 15p, 8p, 7p |
| M390 | 33c, 7c, 15p |
| M391 | 33d, 7c |
| M392 | 5c, 37p, 7p, 2p |
| M394 | 39c, 12p, 7p |
| M397 | 56c, 28c |
| M402 | 5c, 56p, 39p, 7p |
| M403 | 33c, 10c, 1c, 57p |
| M406 | 10p, 1p |
| M407 | 10c, 1c, 33p |
| M416 | 1d, 10p |
| M417 | 5d, 10p |

| | |
|---|---|
| M418 | 5d, 7c, 44p, 43p |
| M419 | 7d, 41p, 37p, 5p |
| M421 | 5d, 7c, 8p, 2p |
| M422 | 5d, 7c, 44p |
| M423 | 5d, 7c, 44p |
| M424 | 7c, 5c, 44p |
| M425 | 5c |
| M426 | 5d, 44p, 33p, 12p, 10p, 8p, 7p, 1p |
| M428 | 7d |
| M430 | 5d, 44p, 8p, 7p, 1p |
| M432 | 5d, 44p, 33p, 20p, 8p, 7p, 1p |
| M433 | 44c, 33c, 5c, 17p, 8p, 7p, 1p |
| M436 | 7d, 43c, 5c, 1c, 44p, 41p |
| M437 | 5d, 33c, 39p, 37p, 12p, 10p, 8p, 1p |
| M441 | 5c, 37p, 8p, 7p |
| M442 | 44c, 5c, 39p, 8p, 7p |
| M444 | 7c, 39p, 10p, 5p, 1p |
| M447 | 5d |
| M449 | 5c, 15p |
| M450 | 5d, 33c, 44p, 8p, 1p |
| M451 | 5d, 1c, 39p, 8p |
| M452 | 5d, 44p, 8p, 7p, 1p |
| M453 | 12c, 5c, 10p |
| M454 | 33c, 5c, 1c, 37p, 10p, 4p |
| M455 | 10p, 8p |
| M456 | 41p, 39p, 33p |
| M458 | 7p, 5p, 2p |
| M459 | 7c, 1c, 33p, 10p, 5p, 4p |
| M462 | 56p, 43p, 7p, 1p |
| M464 | 56p |
| M465 | 5c, 44p, 1p |
| M466 | 33d, 5c, 1c, 42p, 10p, 8p |
| M467 | 56p, 10p |
| M470 | 39c, 5c, 10p, 1p |

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| M471 | 56p |
| M472 | 5d, 10c, 44p, 33p, 22p, 15p, 8p, 1p |
| M473 | 33p |
| M474 | 1d, 33p, 10p, 8p, 3p |
| M475 | 1d, 10p, 8p |
| M476 | 5p, 1p |
| M477 | 56d, 55c, 10c, 42p, 33p, 8p, 1p |
| M478 | 33c, 10c, 1c, 8p |
| M479 | 33c, 10c, 5c, 1c, 8p |
| M486 | 33c, 1c, 54p, 43p, 38p, 36p, 10p, 8p, 4p |
| M487 | 10p, 8p |
| M488 | 33c, 1c, 35p, 5p |
| M491 | 33c, 7c, 1c |
| M492 | 10c, 5c, 1c, 33p, 20p, 8p, 7p |
| M494 | 5c, 38p, 10p, 8p, 1p |
| M496 | 5d, 67p, 10p, 8p |
| M498 | 5d, 33p, 8p, 1p |
| M499 | 5d, 12p |
| M500 | 5c, 1c, 10p, 8p |
| M501 | 5c, 46p, 37p, 10p, 8p |
| M502 | 5d |
| M503 | 10p, 5p |
| M504 | 33c, 5c, 10p, 8p |
| M505 | 5c, 1c, 56p, 37p, 12p, 10p |
| M506 | 5c, 37p, 10p, 8p, 1p |
| M508 | 15p, 10p, 7p |
| M510 | 5d, 39p, 8p, 7p |
| M512 | 5d |
| M514 | 5d, 11p |
| M515 | 11p |
| M518 | 33c, 10c, 11p, 1p |
| M520 | 1d, 10p |
| M521 | 1d, 10p |
| M525 | 56p, 8p |

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| M526 | 1p |
| M527 | 56d, 10p |
| M561 | 39c, 37c, 10p, 5p, 1p |
| M562 | 5c, 56p, 15p, 10p, 8p, 2p, 1p |
| M563 | 10c, 5c, 39p, 37p, 32p, 8p, 1p |
| M573 | 56c, 8p, 5p |
| M577 | 56p, 8p, 5p, 1p |
| M597 | 56p, 10p |
| M601 | 33p |
| M602 | 5d, 12p, 10p, 1p |
| M604 | 1d, 33c, 10c, 5c |
| M606 | 33c, 10p, 5p, 1p |
| M607 | 1d |
| M609 | 56p |
| M619 | 56c, 10c |
| M620 | 33c, 56p |
| M669 | 33c, 56p, 10p |
| M673 | 33d |
| M678 | 61c, 44c, 37c, 19c, 16c, 25p, 5p |
| M679 | 25c, 20c, 61p, 44p, 37p, 16p |
| M681 | 2d, 44p, 16p, 7p |
| M682 | 42c, 20c, 19c, 17c, 12c, 2c, 65p, 61p, 54p, 28p, 24p |
| M683 | 42c, 19c, 12c, 2c, 37p, 20p |
| M684 | 20d, 44c, 37c, 15c, 55p, 22p |
| M685 | 20c, 56p, 44p, 17p, 5p |
| M686 | 20d, 56p, 55p, 28p, 17p, 12p, 5p |
| M687 | 20d, 62p, 61p, 54p, 44p, 24p, 17p, 9p |
| M688 | 20c, 1c, 37p, 28p, 24p, 19p |
| M689 | 10d, 24p, 20p |
| M690 | 28c, 20c, 11c, 15p |
| M691 | 20d, 15c, 56p, 28p, 16p, 12p |
| M692 | 20c, 12c, 37p, 36p, 33p, 15p, 8p, 5p |
| M693 | 44c, 11c, 10c, 37p, 1p |

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| M694 | 44c, 20c, 1c, 56p, 29p, 9p, 5p |
| M695 | 37c, 20c, 19c, 1c, 56p, 44p |
| M696 | 44c, 20c, 1c, 610, 15p, 9p, 7p |
| M697 | 61c, 20c, 15c, 56p, 55p, 44p, 37p, 24p, 12p |
| M698 | 55c, 22c, 7c, 2c, 16c, 37p |
| M699 | 5d |
| M704 | 7d, 39p, 1p |
| M705 | 7d, 5c, 12p, 1p |
| M706 | 5d, 1p |
| M707 | 37c, 5c, 1c |
| M708 | 56d, 10c, 1c |
| M709 | 5d, 10c, 8c, 1c, 33p |
| M710 | 5d, 10p, 1p |
| M711 | 5c, 61p, 44p, 8p, 39p |
| M712 | 10c, 5c, 37p, 8p, 1p |
| M713 | 5d, 37p, 8p |
| M714 | 5d, 1p |
| M715 | 37c, 5p |
| M717 | 10c, 7c, 37p, 33p, 5p, 1p |
| M718 | 56c, 7c, 39p, 5p |
| M724 | 5d, 7c, 1c, 33p |
| M727 | 5c, 33p, 8p, 7p |
| M746 | 44c, 20c, 61p, 33p, 24p, 15p, 14p, 10p, 5p |
| M747 | 33c, 20c, 60p, 24p |