Appendix 7

REPEATED GRAVITY OBSERVATIONS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| REPEAT GRAVITY OBSERVATIONS | | | |  |
|  |  |  |  |  |
| **BLK** | **Station** | **Observed** | **Average** |  |
| **No** | **Number** | **Gravity** | **Of Rpt Val** | **Dev'n** |
| 1 | 2007511000 | 980270.71 |  | 0.000 |
| 1 | 2007511000 | 980270.71 | 980271.710 | 0.000 |
| 1 | 2007511005 | 980274.05 |  | 0.010 |
| 1 | 2007511005 | 980274.03 | 980274.040 | -0.010 |
| 1 | 2007511013 | 980279.25 |  | 0.010 |
| 1 | 2007511013 | 980279.23 | 980279.240 | -0.010 |
| 1 | 2007511027 | 980274.48 |  | -0.043 |
| 1 | 2007511027 | 980274.54 |  | 0.017 |
| 1 | 2007511027 | 980274.55 | 980274.523 | 0.026 |
| 1 | 2007511040 | 980266.20 |  | 0.010 |
| 1 | 2007511040 | 980266.18 | 980266.190 | -0.010 |
| 1 | 2007511053 | 980263.83 |  | 0.025 |
| 1 | 2007511053 | 980263.78 | 980263.805 | -0.025 |
| 1 | 2007511067 | 980271.40 |  | 0.000 |
| 1 | 2007511067 | 980271.40 | 980271.400 | 0.000 |
| 1 | 2007511076 | 980269.95 |  | 0.005 |
| 1 | 2007511076 | 980269.94 | 980269.945 | -0.005 |
| 1 | 2007511087 | 980275.93 |  | -0.025 |
| 1 | 2007511087 | 980275.98 | 980275.955 | 0.025 |
| 1 | 2007511099 | 980271.06 |  | 0.000 |
| 1 | 2007511099 | 980271.06 | 980271.060 | 0.000 |
| 1 | 2007511113 | 980260.37 |  | 0.010 |
| 1 | 2007511113 | 980260.35 | 980260.360 | -0.010 |
| 1 | 2007511123 | 980247.59 |  | -0.005 |
| 1 | 2007511123 | 980247.60 | 980247.595 | 0.005 |
| 1 | 2007511131 | 980251.15 |  | -0.010 |
| 1 | 2007511131 | 980251.17 | 980251.160 | 0.010 |
| 1 | 2007511143 | 980256.42 |  | -0.015 |
| 1 | 2007511143 | 980256.45 | 980256.435 | 0.015 |
| 1 | 2007511156 | 980268.29 |  | -0.020 |
| 1 | 2007511156 | 980268.33 | 980268.310 | 0.020 |
| 1 | 2007511171 | 980273.26 |  | 0.000 |
| 1 | 2007511171 | 980273.26 | 980273.260 | 0.000 |
| 1 | 2007511181 | 980278.31 |  | 0.015 |
| 1 | 2007511181 | 980278.28 | 980278.295 | -0.015 |
| 1 | 2007511192 | 980263.09 |  | 0.020 |
| 1 | 2007511192 | 980263.05 | 980263.070 | -0.020 |
| 1 | 2007511205 | 980273.75 |  | -0.020 |
| 1 | 2007511205 | 980273.79 | 980273.770 | 0.020 |
| 1 | 2007511208 | 980262.80 |  | -0.010 |
| 1 | 2007511208 | 980262.82 | 980262.810 | 0.010 |
| 1 | 2007511215 | 980270.58 |  | 0.040 |
| 1 | 2007511215 | 980270.50 | 980270.540 | -0.040 |
| 1 | 2007511224 | 980253.25 |  | -0.025 |
| 1 | 2007511224 | 980253.30 | 980253.275 | 0.025 |
| 1 | 2007511237 | 980230.46 |  | 0.025 |
| 1 | 2007511237 | 980230.41 | 980230.435 | -0.025 |
| 1 | 2007511241 | 980204.97 |  | -0.015 |
| 1 | 2007511241 | 980205.00 | 980204.985 | 0.015 |
| 1 | 2007511254 | 980208.98 |  | 0.020 |
| 1 | 2007511254 | 980208.94 | 980208.960 | -0.020 |
| 1 | 2007511261 | 980264.44 |  | -0.010 |
| 1 | 2007511261 | 980264.46 | 980264.450 | 0.010 |
| 1 | 2007511275 | 980272.59 |  | 0.025 |
| 1 | 2007511275 | 980272.54 | 980272.565 | -0.025 |
| 1 | 2007511282 | 980264.39 |  | 0.020 |
| 1 | 2007511282 | 980264.35 | 980264.370 | -0.020 |
| 1 | 2007511302 | 980267.66 |  | 0.000 |
| 1 | 2007511302 | 980267.66 | 980267.660 | 0.000 |
| 1 | 2007511314 | 980250.77 |  | -0.020 |
| 1 | 2007511314 | 980250.81 | 980250.790 | 0.020 |
| 1 | 2007511324 | 980273.64 |  | 0.010 |
| 1 | 2007511324 | 980273.62 | 980273.630 | -0.010 |
| 1 | 2007511336 | 980277.37 |  | -0.010 |
| 1 | 2007511336 | 980277.39 | 980277.380 | 0.010 |
| 1 | 2007511346 | 980260.80 |  | 0.005 |
| 1 | 2007511346 | 980260.79 | 980269.795 | -0.005 |
| 1 | 2007511355 | 980256.18 |  | 0.010 |
| 1 | 2007511355 | 980256.16 | 980256.170 | -0.010 |
| 1 | 2007511367 | 980260.16 |  | 0.005 |
| 1 | 2007511367 | 980260.15 | 980260.155 | -0.005 |
| 2 | 2008511046 | 980265.70 |  | 0.000 |
| 3 | 2008511046 | 980265.70 | 980265.700 | 0.000 |
| 2 | 2008511056 | 980276.31 |  | -0.023 |
| 2 | 2008511056 | 980276.36 |  | 0.027 |
| 2 | 2008511056 | 980276.33 | 980276.333 | -0.003 |
| 2 | 2008511099 | 980271.00 |  | -0.005 |
| 2 | 2008511099 | 980271.01 | 980271.005 | 0.005 |
| 2 | 2008511131 | 980251.15 |  | -0.017 |
| 2 | 2008511131 | 980251.14 |  | -0.027 |
| 2 | 2008511131 | 980251.21 | 980251.167 | 0.043 |
| 2 | 2008511136 | 980253.60 |  | 0.000 |
| 2 | 2008511136 | 980253.60 | 980253.600 | 0.000 |
| 2 | 2008511206 | 980267.29 |  | 0.000 |
| 2 | 2008511206 | 980267.29 | 980267.290 | 0.000 |
| 2 | 2008511374 | 980227.13 |  | 0.015 |
| 2 | 2008511374 | 980227.10 | 980227.115 | -0.015 |
| 2 | 2008511383 | 980199.65 |  | 0.010 |
| 2 | 2008511383 | 980199.63 | 980199.640 | -0.010 |
| 2 | 2008511391 | 980166.89 |  | 0.010 |
| 2 | 2008511391 | 980166.87 | 980166.880 | -0.010 |
| 2 | 2008511399 | 980096.12 |  | 0.015 |
| 2 | 2008511399 | 980096.09 | 980096.105 | -0.015 |
| 2 | 2008511411 | 980206.13 |  | 0.010 |
| 2 | 2008511411 | 980206.11 | 980206.120 | -0.010 |
| 2 | 2008511421 | 980220.96 |  | 0.005 |
| 2 | 2008511421 | 980220.95 | 980220.955 | -0.005 |
| 2 | 2008511433 | 980158.67 |  | 0.020 |
| 2 | 2008511433 | 980158.63 | 980158.650 | -0.020 |
| 2 | 2008511442 | 980208.05 |  | -0.025 |
| 2 | 2008511442 | 980208.10 | 980208.075 | 0.025 |
| 2 | 2008511448 | 980214.40 |  | 0.015 |
| 2 | 2008511448 | 980214.37 | 980214.385 | -0.015 |
| 2 | 2008511459 | 980168.10 |  | -0.020 |
| 2 | 2008511459 | 980168.14 | 980168.120 | 0.020 |
| 2 | 2008511465 | 980166.26 |  | 0.010 |
| 2 | 2008511465 | 980166.24 | 980166.250 | -0.010 |
| 2 | 2008511474 | 980176.21 |  | -0.020 |
| 2 | 2008511474 | 980176.23 |  | 0.000 |
| 2 | 2008511474 | 980176.25 | 980176.230 | 0.020 |
| 2 | 2008511491 | 980183.01 |  | -0.040 |
| 2 | 2008511491 | 980183.09 | 980183.050 | 0.040 |
| 2 | 2008511499 | 980226.91 |  | 0.005 |
| 2 | 2008511499 | 980226.90 | 980226.905 | -0.005 |
| 2 | 2008511504 | 980209.89 |  | 0.015 |
| 2 | 2008511504 | 980209.86 | 980209.875 | -0.015 |
| 2 | 2008511511 | 980218.80 |  | 0.005 |
| 2 | 2008511511 | 980218.81 | 980218.805 | -0.005 |
| 2 | 2008511521 | 980185.35 |  | -0.040 |
| 2 | 2008511521 | 980185.43 | 980185.390 | 0.040 |
| 2 | 2008511528 | 980252.13 |  | 0.005 |
| 2 | 2008511528 | 980252.12 | 980252.125 | -0.005 |
| 2 | 2008511534 | 980244.48 |  | 0.030 |
| 2 | 2008511534 | 980244.42 | 980244.450 | -0.030 |
| 2 | 2008511543 | 980256.19 |  | 0.000 |
| 2 | 2008511543 | 980256.19 | 980256.190 | 0.000 |
| 2 | 2008511559 | 980255.86 |  | -0.010 |
| 2 | 2008511559 | 980255.88 | 980255.870 | 0.010 |
| 2 | 2008511563 | 980269.65 |  | 0.005 |
| 2 | 2008511563 | 980269.64 | 980269.645 | -0.005 |
| 2 | 2008511590 | 980259.61 |  | -0.045 |
| 2 | 2008511590 | 980259.70 | 980259.655 | 0.045 |
| 2 | 2008511596 | 980254.28 |  | 0.016 |
| 2 | 2008511596 | 980254.29 |  | 0.027 |
| 2 | 2008511596 | 980254.22 | 980254.263 | -0.043 |
| 2 | 2008511605 | 980272.91 |  | -0.020 |
| 2 | 2008511605 | 980272.90 |  | -0.030 |
| 2 | 2008511605 | 980272.98 | 980272.930 | 0.050 |
| 3 | 2008511626 | 980243.33 |  | 0.005 |
| 3 | 2008511626 | 980243.32 | 980243.325 | -0.005 |
| 3 | 2008511634 | 980261.37 |  | 0.000 |
| 3 | 2008511634 | 980261.37 | 380261.370 | 0.000 |
| 3 | 2008511643 | 980249.64 |  | -0.035 |
| 3 | 2008511643 | 980249.57 | 980249.605 | 0.035 |
| 3 | 2008511648 | 980225.94 |  | 0.025 |
| 3 | 2008511648 | 980225.89 | 980225.915 | -0.025 |
| 3 | 2008511655 | 980251.33 |  | -0.040 |
| 3 | 2008511655 | 980251.41 | 980251.370 | 0.040 |
| 3 | 2008511661 | 980213.42 |  | 0.010 |
| 3 | 2008511661 | 980213.40 | 980213.410 | -0.010 |
| 3 | 2008511668 | 980245.14 |  | -0.020 |
| 3 | 2008511668 | 980245.18 | 980245.160 | 0.020 |
| 3 | 2008511683 | 980241.02 |  | 0.000 |
| 3 | 2008511683 | 980241.02 | 980241.020 | 0.000 |
| 3 | 2008511698 | 980225.32 |  | -0.015 |
| 3 | 2008511698 | 980225.35 | 980225.335 | 0.015 |
| 3 | 2008511704 | 980229.46 |  | 0.000 |
| 3 | 2008511704 | 980229.46 | 980229.460 | 0.000 |
| 3 | 2008511720 | 980208.88 |  | 0.030 |
| 3 | 2008511720 | 980208.82 | 980208.850 | -0.030 |
| 3 | 2008511735 | 980208.78 |  | 0.015 |
| 3 | 2008511735 | 980208.75 | 980208.765 | -0.015 |
| 3 | 2008511743 | 980191.98 |  | -0.005 |
| 3 | 2008511743 | 980191.99 | 980191.985 | 0.005 |
| 3 | 2008511756 | 980230.99 |  | -0.045 |
| 3 | 2008511756 | 980231.08 | 980231.035 | 0.045 |
| 3 | 2008511766 | 980236.11 |  | 0.020 |
| 3 | 2008511766 | 980236.07 | 980236.090 | -0.020 |
| 3 | 2008511770 | 980248.77 |  | -0.015 |
| 3 | 2008511770 | 980248.80 | 980248.785 | 0.015 |
| 3 | 2008511797 | 980239.99 |  | 0.045 |
| 3 | 2008511797 | 980239.90 | 980239.945 | -0.045 |
| 3 | 2008511808 | 980239.07 |  | 0.005 |
| 3 | 2008511808 | 980239.06 | 980239.065 | -0.005 |
| 4 | 2008511826 | 980132.23 |  | -0.005 |
| 4 | 2008511826 | 980132.24 | 980132.235 | 0.005 |
| 4 | 2008511836 | 980133.72 |  | 0.015 |
| 4 | 2008511836 | 980133.69 | 980133.705 | -0.015 |
| 4 | 2008511845 | 980132.62 |  | -0.005 |
| 4 | 2008511845 | 980132.63 | 980132.625 | 0.005 |
| 4 | 2008511854 | 980146.20 |  | 0.000 |
| 4 | 2008511854 | 980146.20 | 980146.200 | 0.000 |
| 4 | 2008511867 | 980233.86 |  | 0.005 |
| 4 | 2008511867 | 980233.85 | 980233.855 | -0.005 |
| 4 | 2008511876 | 980193.42 |  | 0.000 |
| 4 | 2008511876 | 980193.42 | 980193.420 | 0.000 |
|  |  |  | **Standard Deviation** | 0.020 |