

## Levelling Register.—Continued.

| No.<br>of Station. | Distance in feet<br>from the<br>River St. John. | Back<br>Sight. | Fore<br>Sight. | Difference. | Total<br>height in feet<br>above the<br>River St. John. | Remarks.                                                                                                                                                                                                                                |
|--------------------|-------------------------------------------------|----------------|----------------|-------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | 124,161                                         |                |                |             | 207.52                                                  | Brought up.                                                                                                                                                                                                                             |
| 457                | 124,543                                         | 4.49           | 9.48           | 4.99        | 202.53                                                  |                                                                                                                                                                                                                                         |
| 8                  | 124,983                                         | 1.14           | 10.92          | 9.78        | 192.75                                                  |                                                                                                                                                                                                                                         |
| 9                  | 125,406                                         | 3.32           | 7.17           | 3.85        | 188.90                                                  |                                                                                                                                                                                                                                         |
| 460                | 125,754                                         | 1.33           | .22            | 1.11        | 190.01                                                  |                                                                                                                                                                                                                                         |
| 1                  | 126,016                                         | 2.28           | .29            | 1.99        | 192.00                                                  |                                                                                                                                                                                                                                         |
| 2                  | 126,643                                         | 8.73           | 11.34          | 2.61        | 189.39                                                  |                                                                                                                                                                                                                                         |
| 3                  | 126,993                                         | .41            | 11.49          | 11.08       | 178.31                                                  |                                                                                                                                                                                                                                         |
| 4                  | 127,063                                         | .41            | 11.31          | 10.90       | 167.41                                                  |                                                                                                                                                                                                                                         |
| 5                  | 127,100                                         | .89            | 10.88          | 9.99        | 157.42                                                  |                                                                                                                                                                                                                                         |
| 6                  | 127,227                                         | .68            | 11.57          | 10.89       | 146.53                                                  | Level of water in Restigouche, river 50ft. wide.<br>Water at Grand River,<br>163.24<br>137.47<br><br>ft. 25.77 diffce. of level.<br>24m. 1,469 ft. from St. John's<br>9m. 2,242ft. from Grand R.<br>Bench mark, No. 14.<br>September 7. |
| 7                  | 127,709                                         | 1.42           | 4.57           | 3.14        | 143.38                                                  |                                                                                                                                                                                                                                         |
| 8                  | 128,139                                         | 3.95           | 4.98           | 1.03        | 142.35                                                  |                                                                                                                                                                                                                                         |
| 9                  | 128,189                                         | 11.82          | 16.70          | 4.88        | 137.47                                                  |                                                                                                                                                                                                                                         |
|                    | 128,189                                         |                |                |             | 137.47                                                  |                                                                                                                                                                                                                                         |
| 470                | 128,349                                         | 16.70          | 2.14           | 14.56       | 152.03                                                  |                                                                                                                                                                                                                                         |
| 1                  | 129,012                                         | 5.69           | 2.46           | 3.23        | 155.26                                                  |                                                                                                                                                                                                                                         |
| 2                  | 129,464                                         | 11.50          | .59            | 10.91       | 166.17                                                  |                                                                                                                                                                                                                                         |
| 3                  | 129,697                                         | 7.48           | 1.41           | 6.07        | 172.24                                                  |                                                                                                                                                                                                                                         |
| 4                  | 129,925                                         | 7.74           | 1.47           | 6.27        | 178.51                                                  |                                                                                                                                                                                                                                         |
| 5                  | 130,088                                         | 10.18          | 2.40           | 7.78        | 186.29                                                  | Bench mark, No. 15.<br>September 8.                                                                                                                                                                                                     |
| 6                  | 130,238                                         | 10.24          | .90            | 9.34        | 195.63                                                  |                                                                                                                                                                                                                                         |
| 7                  | 130,388                                         | 8.42           | .87            | 7.55        | 203.18                                                  |                                                                                                                                                                                                                                         |
| 8                  | 130,555                                         | 10.91          | 1.48           | 9.43        | 212.61                                                  |                                                                                                                                                                                                                                         |
| 9                  | 130,759                                         | 8.36           | 2.36           | 6.00        | 218.61                                                  |                                                                                                                                                                                                                                         |
| 480                | 130,971                                         | 8.61           | .97            | 7.64        | 226.35                                                  |                                                                                                                                                                                                                                         |
| 1                  | 131,158                                         | 9.86           | .73            | 9.13        | 235.38                                                  |                                                                                                                                                                                                                                         |
| 2                  | 131,364                                         | 13.60          | .60            | 13.00       | 248.38                                                  |                                                                                                                                                                                                                                         |
| 3                  | 131,814                                         | 8.86           | 1.98           | 6.88        | 255.26                                                  |                                                                                                                                                                                                                                         |
| 4                  | 132,214                                         | 10.65          | 1.43           | 9.22        | 264.48                                                  |                                                                                                                                                                                                                                         |
| 5                  | 132,464                                         | 4.95           | 3.05           | 1.90        | 266.38                                                  | Carried over.                                                                                                                                                                                                                           |
| 6                  | 132,664                                         | 9.84           | 1.64           | 8.20        | 274.58                                                  |                                                                                                                                                                                                                                         |
| 7                  | 132,831                                         | 11.87          | .06            | 11.81       | 286.39                                                  |                                                                                                                                                                                                                                         |
| 8                  | 133,071                                         | 6.61           | .49            | 6.12        | 292.51                                                  |                                                                                                                                                                                                                                         |
| 9                  | 133,221                                         | 11.98          | 1.76           | 10.22       | 302.73                                                  |                                                                                                                                                                                                                                         |
| 490                | 133,394                                         | 12.88          | .50            | 12.38       | 315.11                                                  |                                                                                                                                                                                                                                         |
| 1                  | 133,564                                         | 11.44          | 2.04           | 9.40        | 324.51                                                  |                                                                                                                                                                                                                                         |
| 2                  | 133,726                                         | 11.35          | .44            | 10.91       | 335.42                                                  |                                                                                                                                                                                                                                         |
| 3                  | 133,886                                         | 13.81          | .90            | 12.91       | 348.33                                                  |                                                                                                                                                                                                                                         |
| 4                  | 134,017                                         | 13.00          | .74            | 12.26       | 360.59                                                  |                                                                                                                                                                                                                                         |
| 5                  | 134,146                                         | 10.62          | 1.36           | 9.26        | 369.85                                                  | Carried over.                                                                                                                                                                                                                           |
| 6                  | 134,284                                         | 11.45          | .37            | 11.08       | 380.93                                                  |                                                                                                                                                                                                                                         |
| 7                  | 134,544                                         | 11.29          | .40            | 10.89       | 391.82                                                  |                                                                                                                                                                                                                                         |
| 8                  | 134,663                                         | 13.03          | .47            | 12.58       | 404.40                                                  |                                                                                                                                                                                                                                         |
| 9                  | 134,850                                         | 9.16           | .53            | 8.63        | 413.03                                                  |                                                                                                                                                                                                                                         |
| 500                | 134,909                                         | 12.35          | .70            | 11.65       | 424.68                                                  |                                                                                                                                                                                                                                         |
| 1                  | 135,017                                         | 14.25          | .72            | 13.53       | 438.21                                                  |                                                                                                                                                                                                                                         |
| 2                  | 135,107                                         | 12.30          | .45            | 11.85       | 450.06                                                  |                                                                                                                                                                                                                                         |
| 3                  | 135,287                                         | 13.11          | .11            | 13.         | 463.06                                                  |                                                                                                                                                                                                                                         |
| 4                  | 135,387                                         | 13.80          | .20            | 13.60       | 476.66                                                  |                                                                                                                                                                                                                                         |
| 5                  | 135,487                                         | 10.33          | 1.03           | 9.30        | 485.96                                                  | Carried over.                                                                                                                                                                                                                           |
| 6                  | 135,651                                         | 12.60          | .80            | 11.80       | 497.76                                                  |                                                                                                                                                                                                                                         |
| 7                  | 135,955                                         | 14.25          | .18            | 14.07       | 511.83                                                  |                                                                                                                                                                                                                                         |
| 8                  | 136,255                                         | 7.68           | 1.31           | 6.37        | 518.20                                                  |                                                                                                                                                                                                                                         |
| 9                  | 136,528                                         | 7.80           | 2.98           | 4.82        | 523.02                                                  |                                                                                                                                                                                                                                         |
| 510                | 136,768                                         | 10.16          | 1.30           | 8.86        | 531.88                                                  |                                                                                                                                                                                                                                         |
| 1                  | 137,026                                         | 11.70          | 2.36           | 9.34        | 541.22                                                  |                                                                                                                                                                                                                                         |
| 2                  | 137,276                                         | 9.64           | 1.21           | 8.43        | 549.65                                                  |                                                                                                                                                                                                                                         |
| 3                  | 137,424                                         | 10.83          | 1.08           | 9.75        | 559.40                                                  |                                                                                                                                                                                                                                         |
| 4                  | 137,636                                         | 12.74          | 1.08           | 11.66       | 571.06                                                  |                                                                                                                                                                                                                                         |
| 5                  | 137,836                                         | 12.56          | .77            | 11.79       | 582.85                                                  | Carried over.                                                                                                                                                                                                                           |
| 6                  | 138,086                                         | 7.40           | 2.75           | 4.65        | 587.50                                                  |                                                                                                                                                                                                                                         |
| 7                  | 138,586                                         | 8.66           | 5.92           | 2.74        | 590.24                                                  |                                                                                                                                                                                                                                         |
| 8                  | 139,042                                         | 5.75           | 2.50           | 3.25        | 593.49                                                  |                                                                                                                                                                                                                                         |
| 9                  | 139,372                                         | 5.10           | 6.12           | 1.02        | 592.47                                                  |                                                                                                                                                                                                                                         |
|                    | 139,372                                         |                |                |             | 592.47                                                  |                                                                                                                                                                                                                                         |