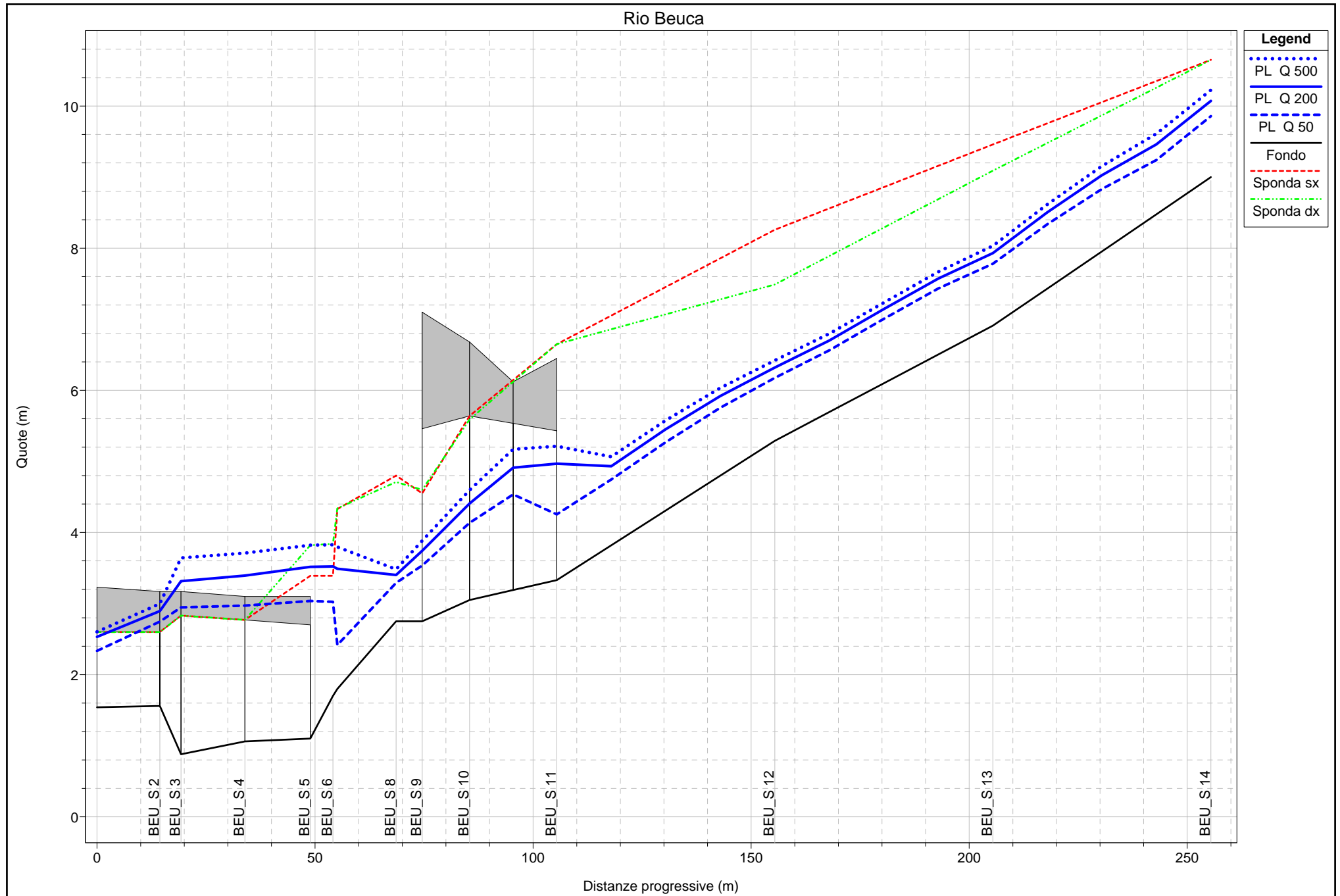
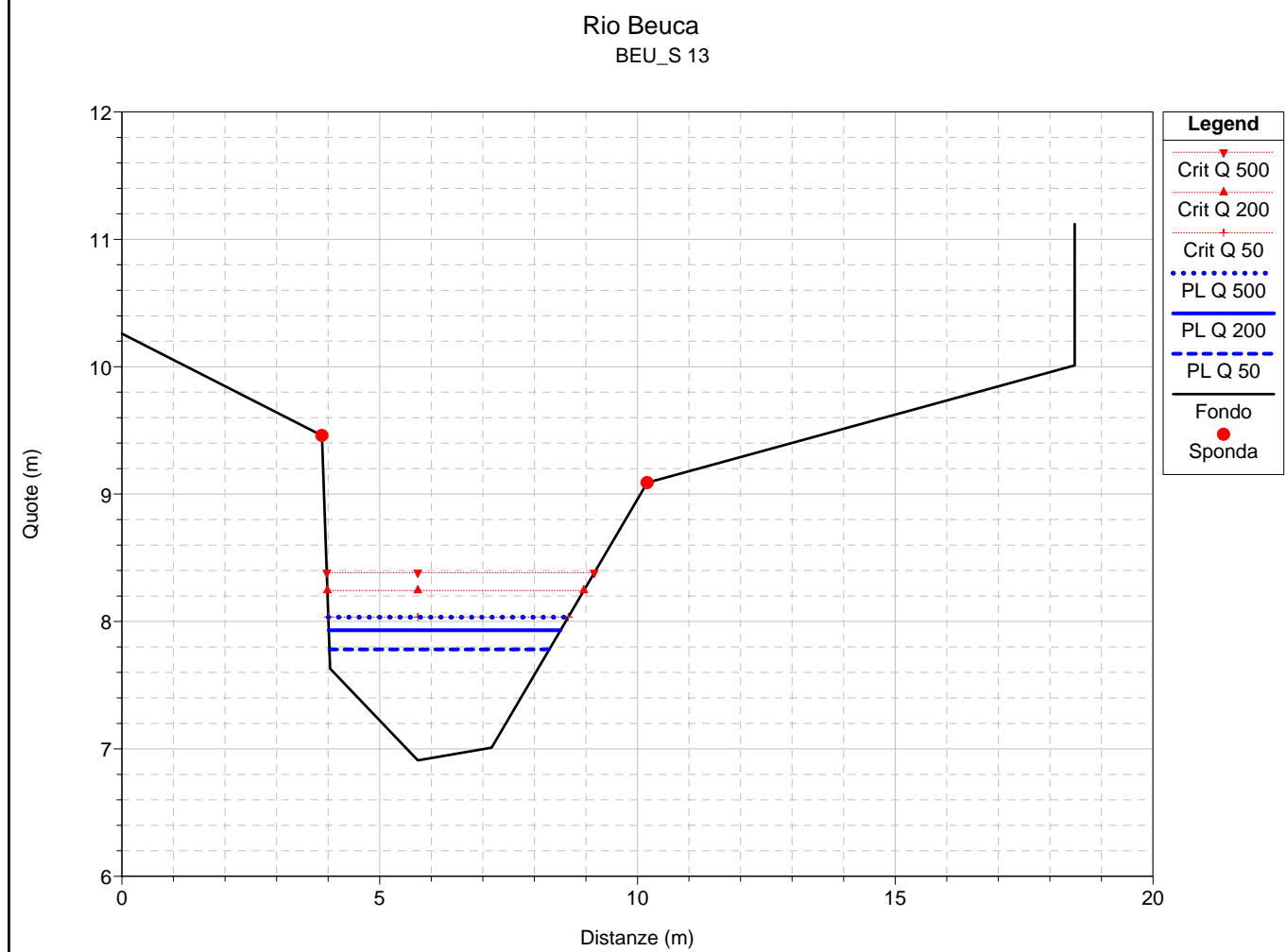
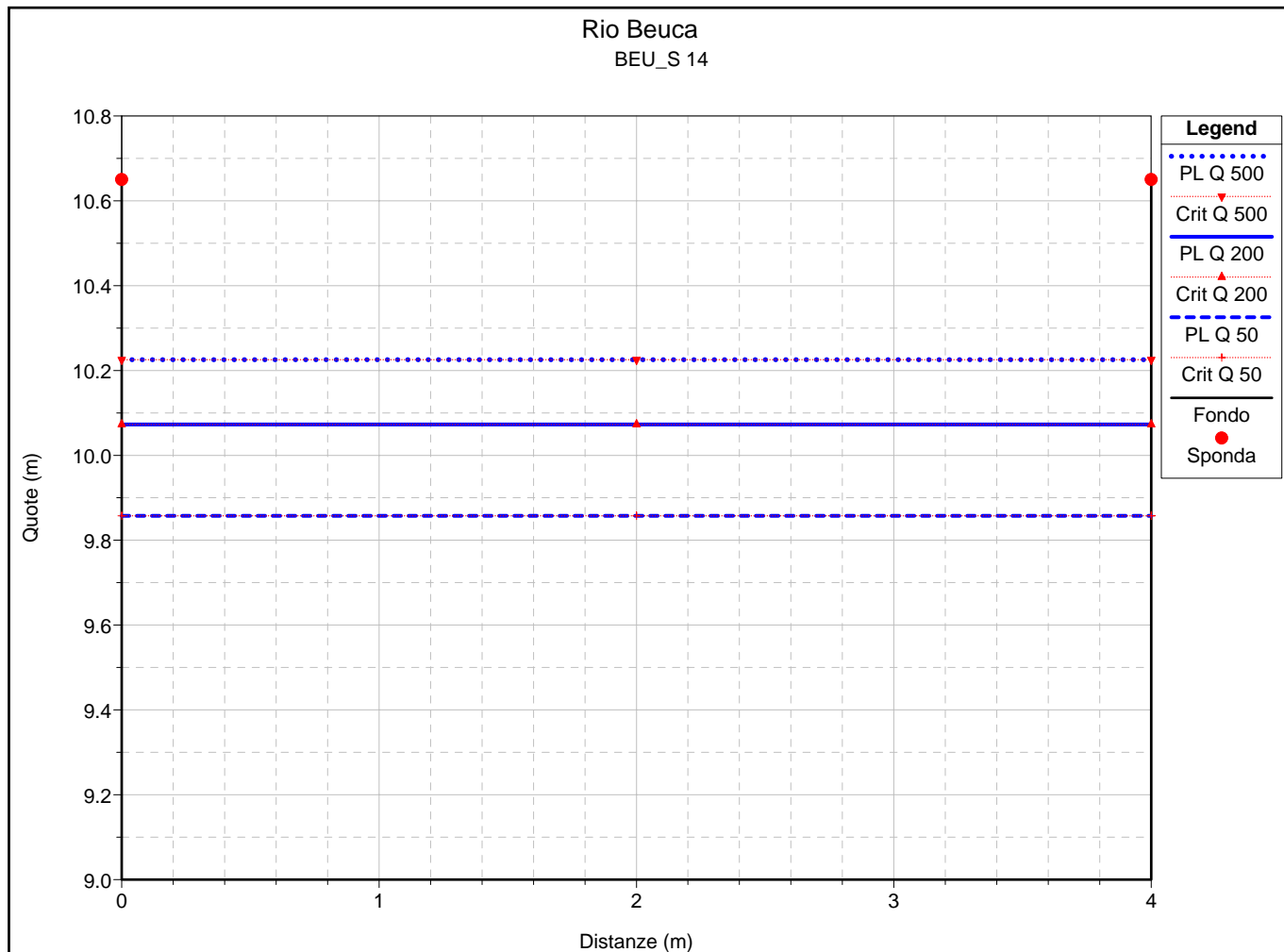


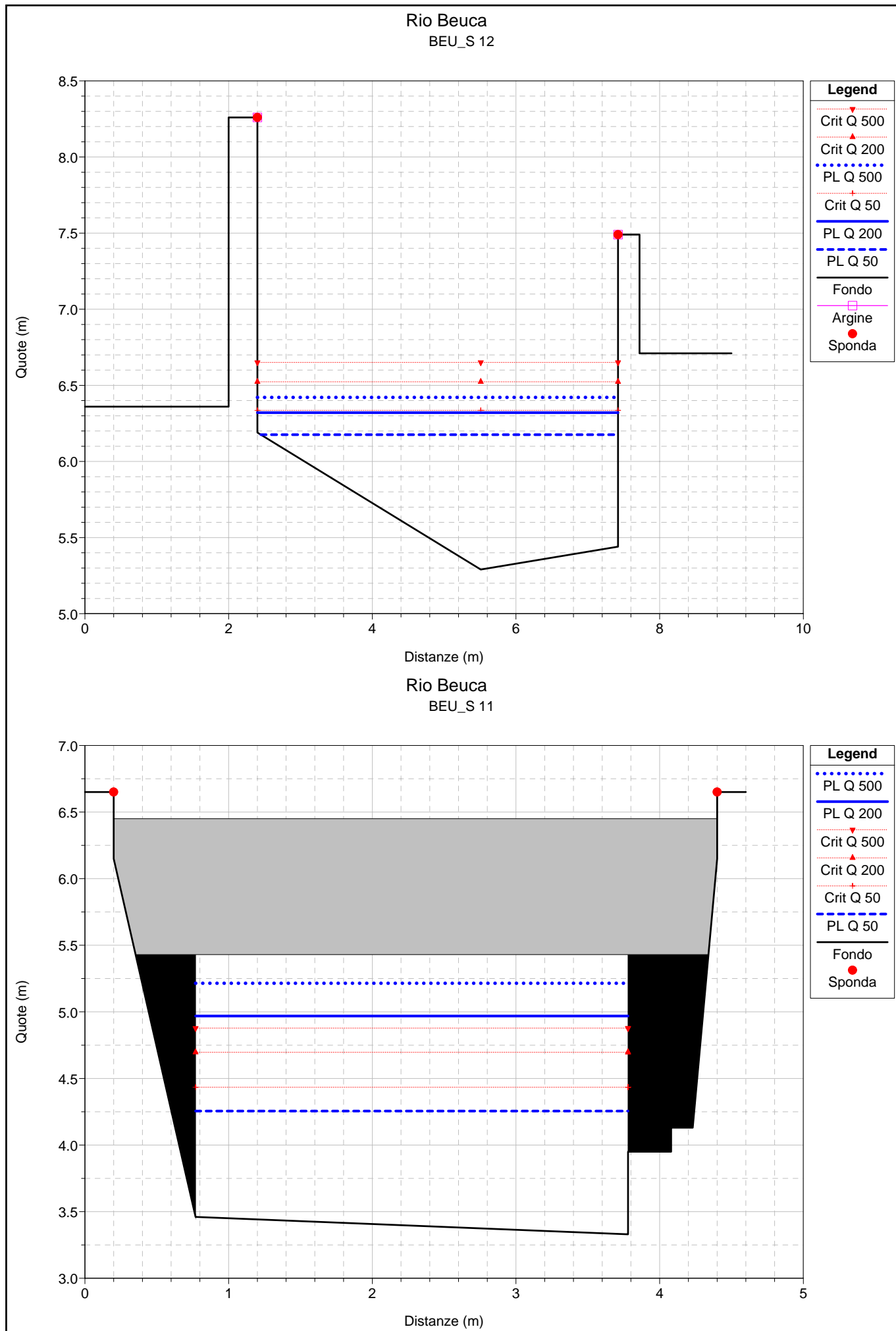
Rio Beuca

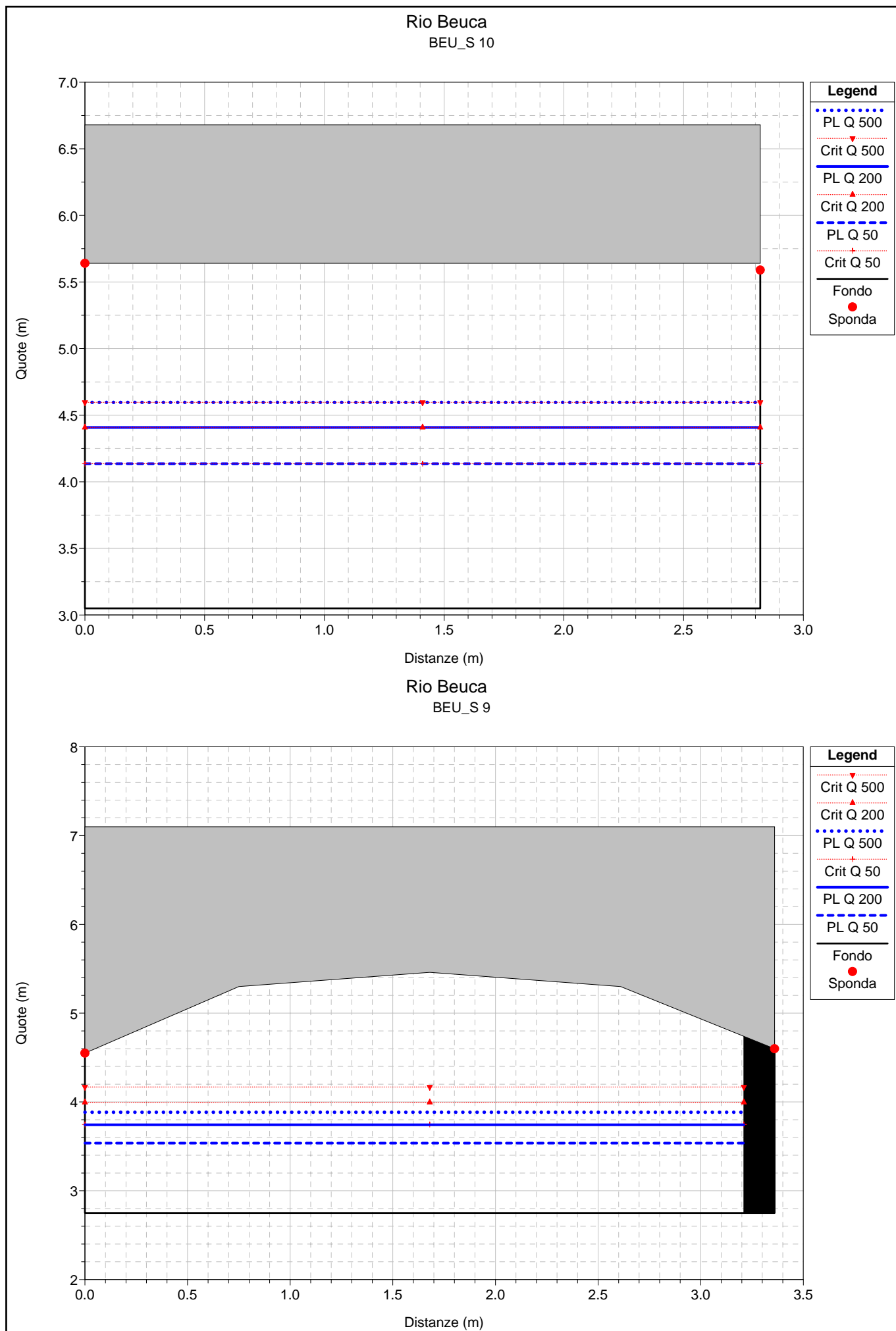
dalla sezione BEU_S14 alla BEU_S1

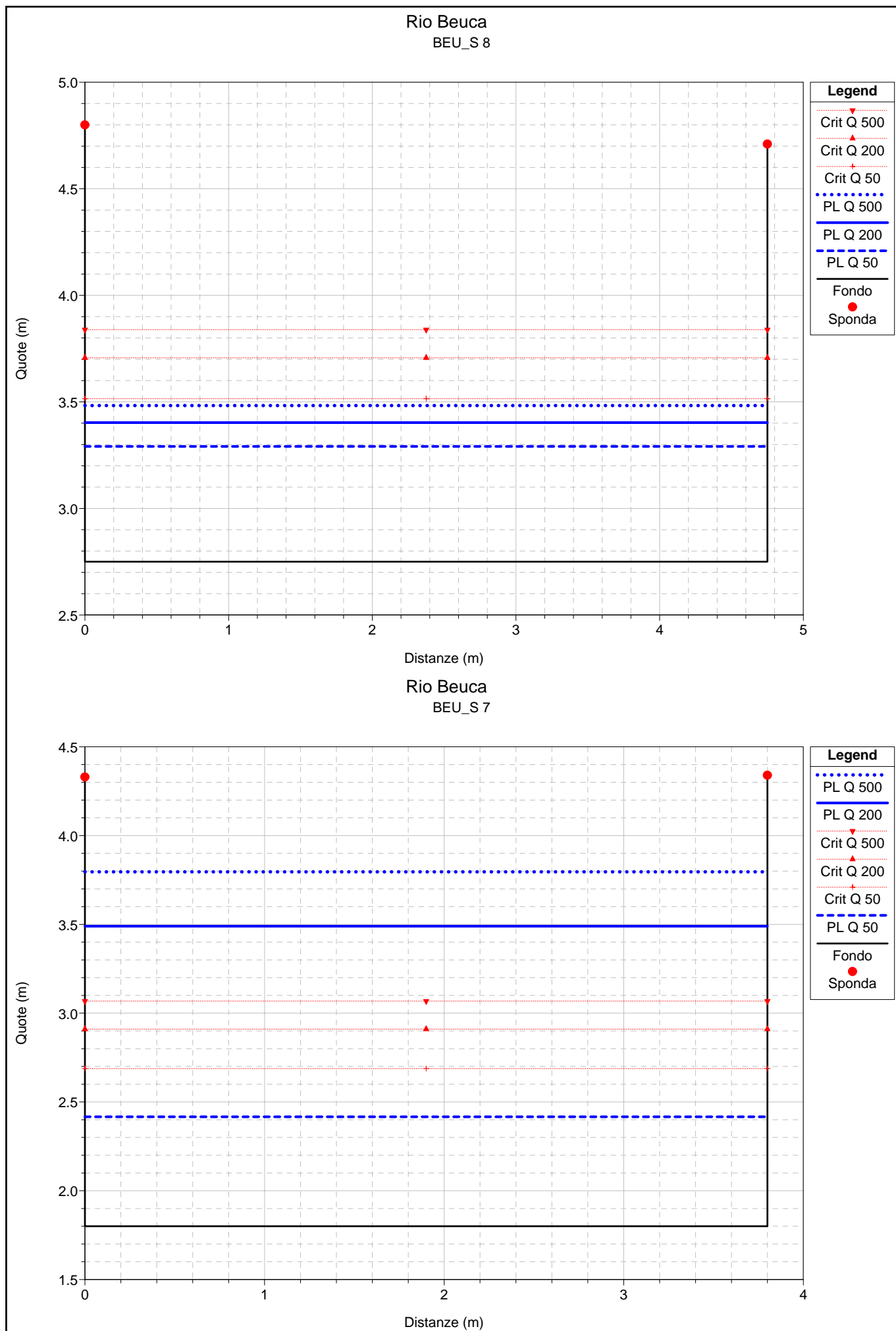
- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati

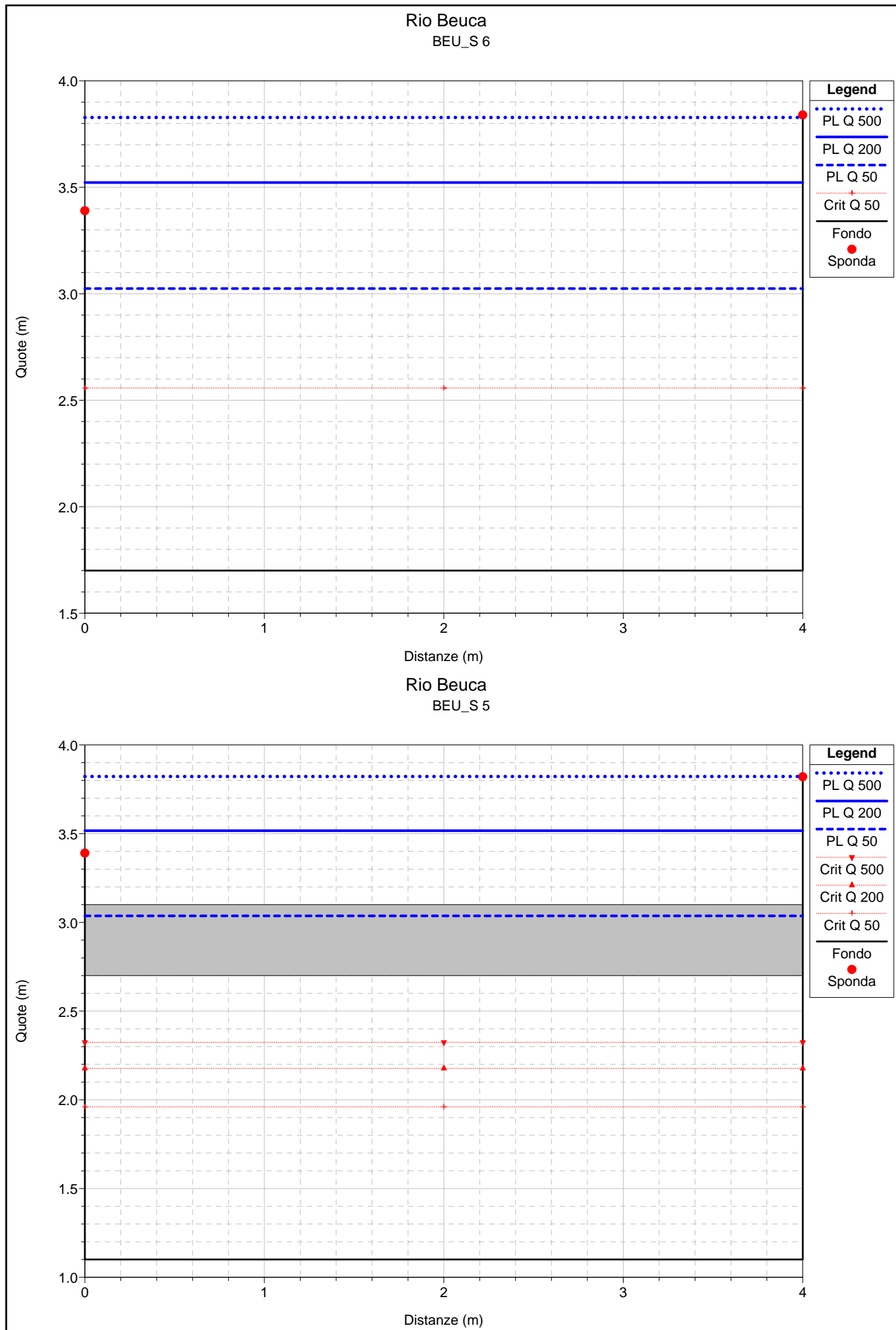


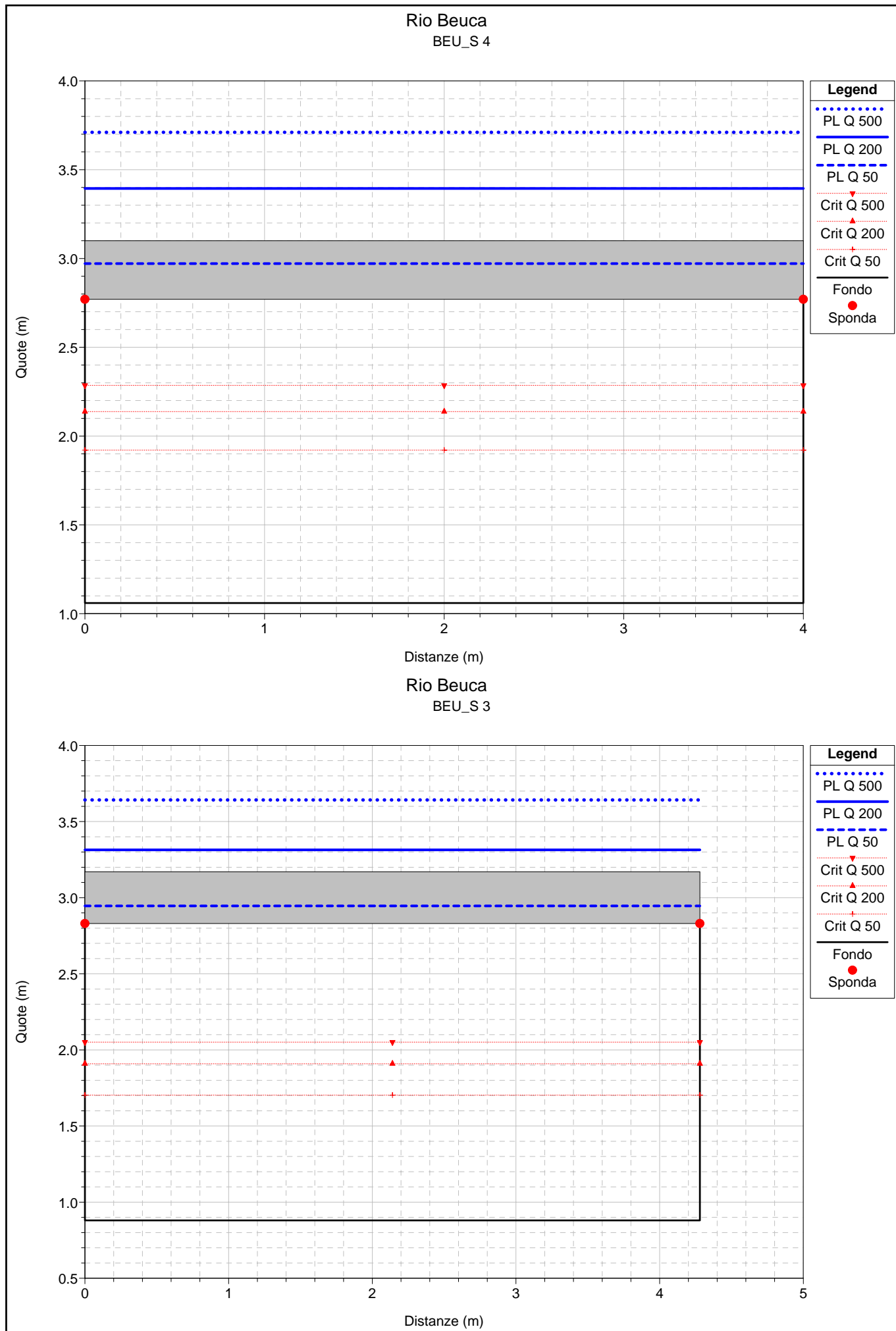


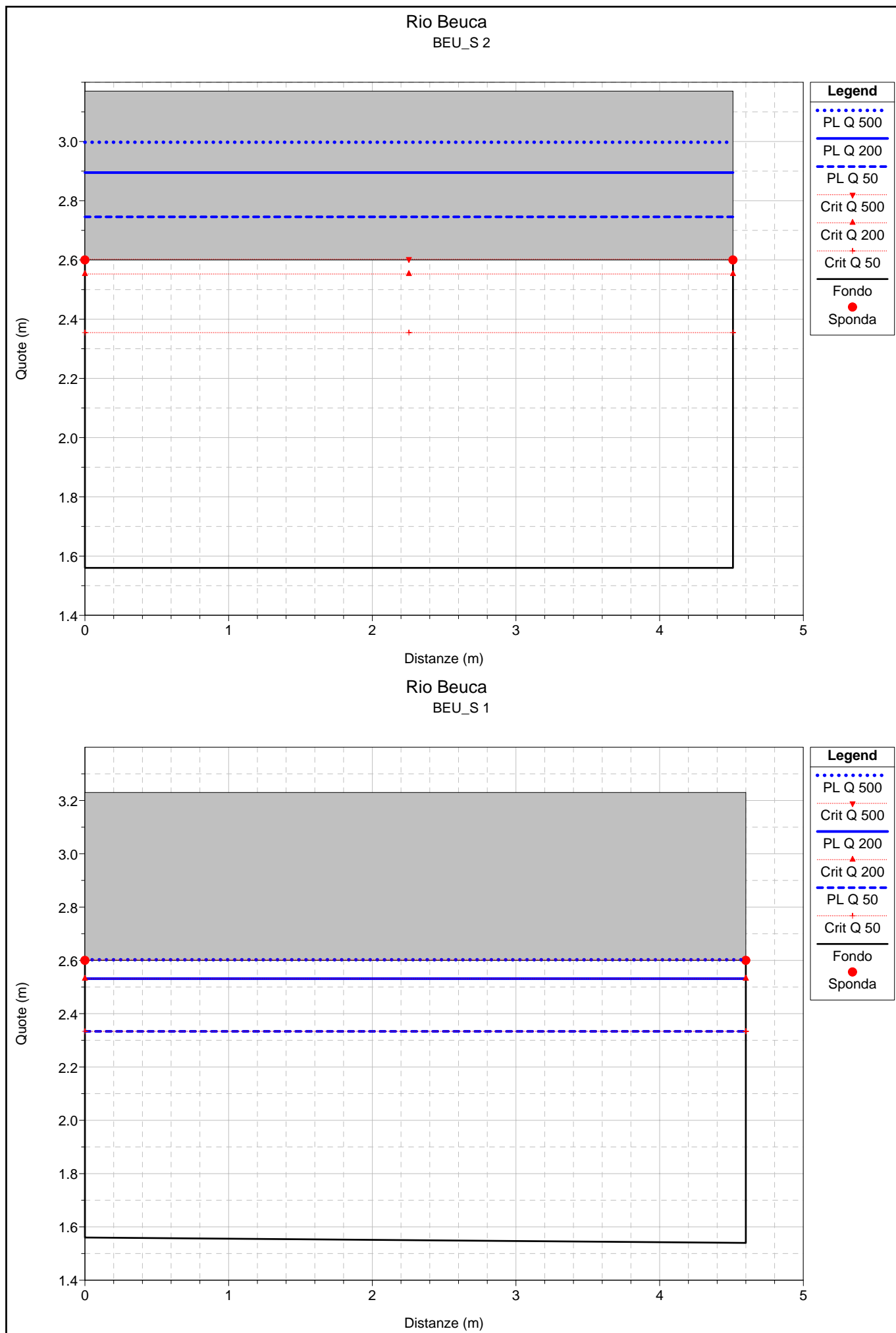












HEC-RAS Plan: Rio Beuca River: Beuca Reach: Beuca

| Reach | River Sta | Profile | Q Total (m3/s) | Min Ch El (m) | W.S. Elev (m) | LOB Elev (m) | L. Freeboard (m) | ROB Elev (m) | R. Freeboard (m) | Crit W.S. (m) | E.G. Elev (m) | E.G. Slope (m/m) | Vel Chnl (m/s) | Flow Area (m2) | Top Width (m) | Froude # Chl |
|-------|-----------|---------|-------------------|------------------|------------------|-----------------|---------------------|-----------------|---------------------|------------------|------------------|---------------------|-------------------|-------------------|------------------|--------------|
| Beuca | 14 | Q 50 | 10.00 | 9.00 | 9.86 | 10.65 | 0.79 | 10.65 | 0.79 | 9.86 | 10.29 | 0.018303 | 2.92 | 3.43 | 4.00 | 1.01 |
| Beuca | 14 | Q 200 | 14.00 | 9.00 | 10.07 | 10.65 | 0.58 | 10.65 | 0.58 | 10.07 | 10.62 | 0.018715 | 3.26 | 4.29 | 4.00 | 1.01 |
| Beuca | 14 | Q 500 | 17.00 | 9.00 | 10.23 | 10.65 | 0.42 | 10.65 | 0.42 | 10.23 | 10.84 | 0.018896 | 3.47 | 4.90 | 4.00 | 1.00 |
| Beuca | 13 | Q 50 | 10.00 | 6.91 | 7.78 | 9.46 | 1.68 | 9.09 | 1.31 | 8.03 | 8.61 | 0.042911 | 4.04 | 2.47 | 4.26 | 1.69 |
| Beuca | 13 | Q 200 | 14.00 | 6.91 | 7.93 | 9.46 | 1.53 | 9.09 | 1.16 | 8.24 | 8.95 | 0.042781 | 4.47 | 3.13 | 4.49 | 1.71 |
| Beuca | 13 | Q 500 | 17.00 | 6.91 | 8.03 | 9.46 | 1.43 | 9.09 | 1.06 | 8.38 | 9.17 | 0.042655 | 4.72 | 3.60 | 4.65 | 1.71 |
| Beuca | 12 | Q 50 | 10.00 | 5.29 | 6.18 | 8.26 | 2.08 | 7.49 | 1.31 | 6.34 | 6.78 | 0.032782 | 3.44 | 2.90 | 4.97 | 1.44 |
| Beuca | 12 | Q 200 | 14.00 | 5.29 | 6.32 | 8.26 | 1.94 | 7.49 | 1.17 | 6.52 | 7.08 | 0.032820 | 3.86 | 3.63 | 5.02 | 1.45 |
| Beuca | 12 | Q 500 | 17.00 | 5.29 | 6.42 | 8.26 | 1.84 | 7.49 | 1.07 | 6.65 | 7.28 | 0.032753 | 4.11 | 4.13 | 5.02 | 1.45 |
| Beuca | 11 | Q 50 | 10.00 | 3.33 | 4.26 | 5.43 | 1.17 | 5.43 | 1.17 | 4.43 | 5.01 | 0.036297 | 3.86 | 2.59 | 3.01 | 1.33 |
| Beuca | 11 | Q 200 | 14.00 | 3.33 | 4.97 | 5.43 | 0.46 | 5.43 | 0.46 | 4.70 | 5.41 | 0.013503 | 2.96 | 4.74 | 3.01 | 0.75 |
| Beuca | 11 | Q 500 | 17.00 | 3.33 | 5.21 | 5.43 | 0.22 | 5.43 | 0.22 | 4.88 | 5.71 | 0.013593 | 3.10 | 5.48 | 3.01 | 0.73 |
| Beuca | 10 | Q 50 | 10.00 | 3.05 | 4.14 | 5.64 | 1.50 | 5.64 | 1.50 | 4.14 | 4.68 | 0.022268 | 3.26 | 3.06 | 2.82 | 1.00 |
| Beuca | 10 | Q 200 | 14.00 | 3.05 | 4.41 | 5.64 | 1.23 | 5.64 | 1.23 | 4.41 | 5.09 | 0.023788 | 3.66 | 3.83 | 2.82 | 1.00 |
| Beuca | 10 | Q 500 | 17.00 | 3.05 | 4.60 | 5.64 | 1.04 | 5.64 | 1.04 | 4.60 | 5.37 | 0.024861 | 3.90 | 4.36 | 2.82 | 1.00 |
| Beuca | 9 | Q 50 | 10.00 | 2.75 | 3.54 | 4.55 | 1.01 | 4.74 | 1.20 | 3.75 | 4.34 | 0.040108 | 3.96 | 2.52 | 3.21 | 1.43 |
| Beuca | 9 | Q 200 | 14.00 | 2.75 | 3.74 | 4.55 | 0.81 | 4.74 | 1.00 | 4.00 | 4.73 | 0.040338 | 4.39 | 3.19 | 3.21 | 1.41 |
| Beuca | 9 | Q 500 | 17.00 | 2.75 | 3.88 | 4.55 | 0.67 | 4.74 | 0.86 | 4.17 | 4.99 | 0.040921 | 4.67 | 3.64 | 3.21 | 1.40 |
| Beuca | 8 | Q 50 | 10.00 | 2.75 | 3.29 | 4.80 | 1.51 | 4.71 | 1.42 | 3.51 | 4.06 | 0.049191 | 3.89 | 2.57 | 4.75 | 1.69 |
| Beuca | 8 | Q 200 | 14.00 | 2.75 | 3.40 | 4.80 | 1.40 | 4.71 | 1.31 | 3.71 | 4.44 | 0.054180 | 4.51 | 3.10 | 4.75 | 1.78 |
| Beuca | 8 | Q 500 | 17.00 | 2.75 | 3.48 | 4.80 | 1.32 | 4.71 | 1.23 | 3.84 | 4.70 | 0.056284 | 4.88 | 3.48 | 4.75 | 1.82 |
| Beuca | 7 | Q 50 | 10.00 | 1.80 | 2.42 | 4.33 | 1.91 | 4.34 | 1.92 | 2.69 | 3.35 | 0.055021 | 4.27 | 2.34 | 3.80 | 1.74 |
| Beuca | 7 | Q 200 | 14.00 | 1.80 | 3.49 | 4.33 | 0.84 | 4.34 | 0.85 | 2.91 | 3.73 | 0.006012 | 2.18 | 6.42 | 3.80 | 0.54 |
| Beuca | 7 | Q 500 | 17.00 | 1.80 | 3.80 | 4.33 | 0.53 | 4.34 | 0.54 | 3.07 | 4.05 | 0.005673 | 2.24 | 7.58 | 3.80 | 0.51 |
| Beuca | 6 | Q 50 | 10.00 | 1.70 | 3.02 | 3.39 | 0.37 | 3.84 | 0.82 | 2.56 | 3.21 | 0.005249 | 1.89 | 5.30 | 4.00 | 0.52 |
| Beuca | 6 | Q 200 | 14.00 | 1.70 | 3.52 | 3.39 | -0.13 | 3.84 | 0.32 | 3.71 | 3.71 | 0.004280 | 1.92 | 7.29 | 4.00 | 0.45 |
| Beuca | 6 | Q 500 | 17.00 | 1.70 | 3.83 | 3.39 | -0.44 | 3.84 | 0.01 | 4.03 | 4.03 | 0.004171 | 2.00 | 8.51 | 4.00 | 0.44 |
| Beuca | 5 | Q 50 | 10.00 | 1.10 | 3.04 | 2.70 | -0.34 | 2.70 | -0.34 | 1.96 | 3.16 | 0.005608 | 1.56 | 6.40 | 4.00 | 0.36 |
| Beuca | 5 | Q 200 | 14.00 | 1.10 | 3.52 | 2.70 | -0.82 | 2.70 | -0.82 | 2.18 | 3.67 | 0.008115 | 1.74 | 8.07 | 4.00 | 0.36 |
| Beuca | 5 | Q 500 | 17.00 | 1.10 | 3.82 | 2.70 | -1.12 | 2.70 | -1.12 | 2.32 | 3.99 | 0.007668 | 1.83 | 9.29 | 4.00 | 0.35 |
| Beuca | 4 | Q 50 | 10.00 | 1.06 | 2.97 | 2.77 | -0.20 | 2.77 | -0.20 | 1.92 | 3.08 | 0.004611 | 1.46 | 6.84 | 4.00 | 0.34 |
| Beuca | 4 | Q 200 | 14.00 | 1.06 | 3.39 | 2.77 | -0.62 | 2.77 | -0.62 | 2.14 | 3.55 | 0.007950 | 1.75 | 8.02 | 4.00 | 0.36 |
| Beuca | 4 | Q 500 | 17.00 | 1.06 | 3.71 | 2.77 | -0.94 | 2.77 | -0.94 | 2.29 | 3.88 | 0.007190 | 1.83 | 9.28 | 4.00 | 0.36 |
| Beuca | 3 | Q 50 | 10.00 | 0.88 | 2.95 | 2.83 | -0.12 | 2.83 | -0.12 | 1.70 | 3.02 | 0.002667 | 1.20 | 8.35 | 4.28 | 0.27 |
| Beuca | 3 | Q 200 | 14.00 | 0.88 | 3.31 | 2.83 | -0.48 | 2.83 | -0.48 | 1.91 | 3.44 | 0.006109 | 1.56 | 8.96 | 4.28 | 0.32 |
| Beuca | 3 | Q 500 | 17.00 | 0.88 | 3.64 | 2.83 | -0.81 | 2.83 | -0.81 | 2.05 | 3.78 | 0.005547 | 1.64 | 10.37 | 4.28 | 0.31 |

HEC-RAS Plan: Rio Beuca River: Beuca Reach: Beuca (Continued)

| Reach | River Sta | Profile | Q Total (m3/s) | Min Ch El (m) | W.S. Elev (m) | LOB Elev (m) | L. Freeboard (m) | ROB Elev (m) | R. Freeboard (m) | Crit W.S. (m) | E.G. Elev (m) | E.G. Slope (m/m) | Vel Chnl (m/s) | Flow Area (m2) | Top Width (m) | Froude # Chl |
|-------|-----------|---------|-------------------|------------------|------------------|-----------------|---------------------|-----------------|---------------------|------------------|------------------|---------------------|-------------------|-------------------|------------------|--------------|
| Beuca | 2 | Q 50 | 10.00 | 1.56 | 2.75 | 2.60 | -0.15 | 2.60 | -0.15 | 2.35 | 2.98 | 0.015611 | 2.13 | 4.69 | | 0.63 |
| Beuca | 2 | Q 200 | 14.00 | 1.56 | 2.89 | 2.60 | -0.29 | 2.60 | -0.29 | 2.55 | 3.35 | 0.030597 | 2.98 | 4.69 | | 0.82 |
| Beuca | 2 | Q 500 | 17.00 | 1.56 | 3.00 | 2.60 | -0.40 | 2.60 | -0.40 | 2.60 | 3.67 | 0.045115 | 3.62 | 4.69 | | 0.96 |
| Beuca | 1 | Q 50 | 10.00 | 1.54 | 2.33 | 2.60 | 0.27 | 2.60 | 0.27 | 2.33 | 2.73 | 0.017146 | 2.77 | 3.60 | 4.60 | 1.00 |
| Beuca | 1 | Q 200 | 14.00 | 1.54 | 2.53 | 2.60 | 0.07 | 2.60 | 0.07 | 2.53 | 3.02 | 0.017231 | 3.10 | 4.52 | 4.60 | 1.00 |
| Beuca | 1 | Q 500 | 17.00 | 1.54 | 2.60 | 2.60 | 0.00 | 2.60 | 0.00 | 2.60 | 3.23 | 0.020723 | 3.51 | 4.84 | 4.60 | 1.09 |