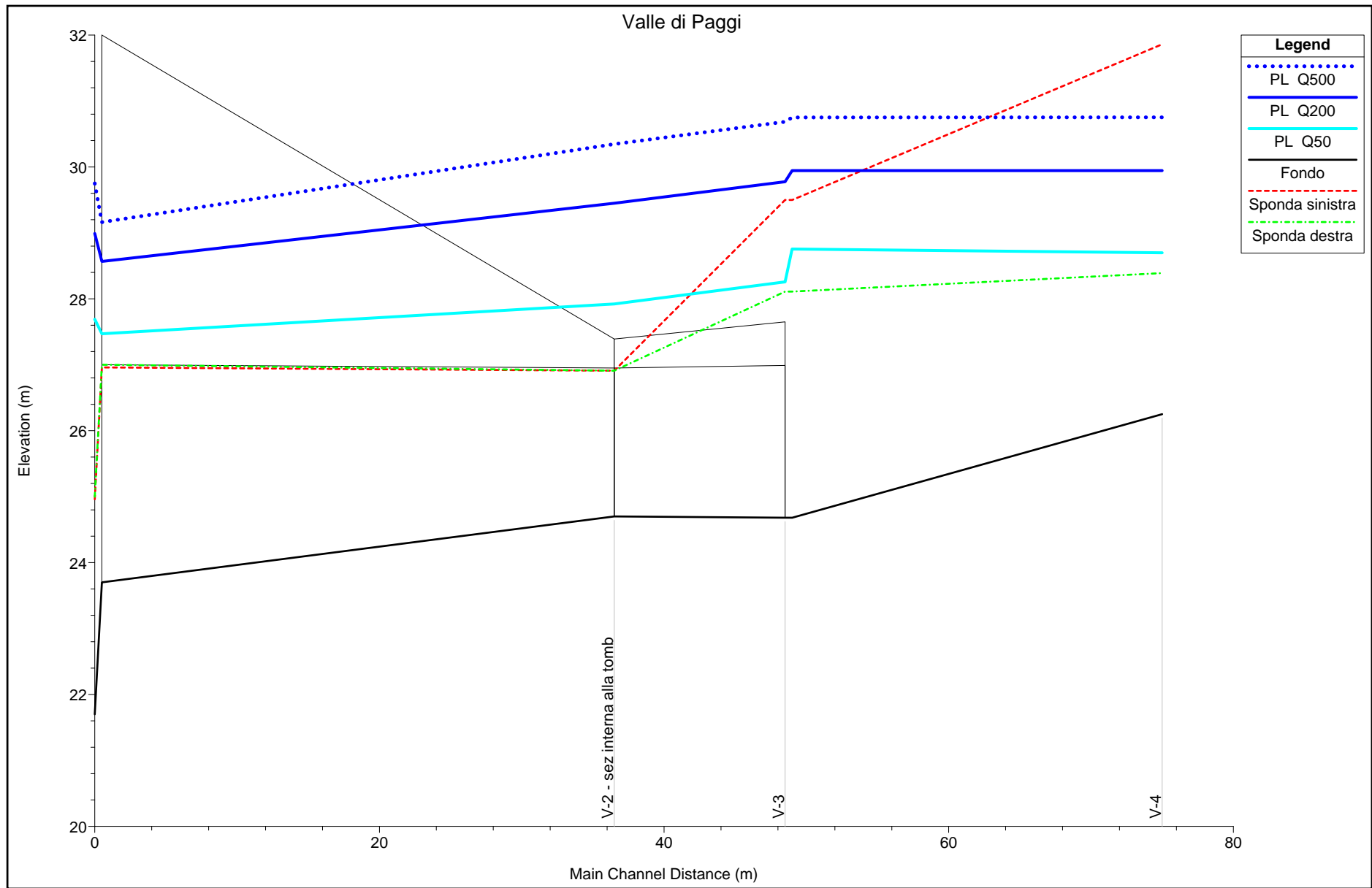


Torrente Graveglia

Afluente Valle di Paggi

VERIFICHE IDRAULICHE



HEC-RAS Plan: valledipaggi River: Affluente V Reach: Affluente V

| Reach | River Sta | Profile | Q Total (m3/s) | Min Ch El (m) | LOB Elev (m) | L. Freeboard (m) | ROB Elev (m) | R. Freeboard (m) | W.S. Elev (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 |
|-------------|-----------|---------|-------------------|------------------|-----------------|---------------------|-----------------|---------------------|------------------|------------------|------------------|---------------------|-------------------|-------------------|------------------|--------------|
| Affluente V | 4 | Q50 | 36.10 | 26.25 | 28.96 | 0.26 | 28.39 | -0.31 | 28.70 | 28.37 | 28.93 | 0.003673 | 2.23 | 18.22 | 16.05 | 0.56 |
| Affluente V | 4 | Q200 | 47.10 | 26.25 | 28.96 | -0.98 | 28.39 | -1.55 | 29.94 | 28.57 | 30.02 | 0.000627 | 1.32 | 40.57 | 18.89 | 0.25 |
| Affluente V | 4 | Q500 | 54.40 | 26.25 | 28.96 | -1.79 | 28.39 | -2.36 | 30.75 | 28.68 | 30.80 | 0.000320 | 1.12 | 55.85 | 18.95 | 0.19 |
| Affluente V | 3.5 | Q50 | 36.10 | 24.68 | 29.50 | 0.75 | 28.11 | -0.64 | 28.75 | | 28.84 | 0.000914 | 1.38 | 28.84 | 12.87 | 0.23 |
| Affluente V | 3.5 | Q200 | 47.10 | 24.68 | 29.50 | -0.44 | 28.11 | -1.83 | 29.94 | | 30.00 | 0.000441 | 1.12 | 47.27 | 16.97 | 0.16 |
| Affluente V | 3.5 | Q500 | 54.40 | 24.68 | 29.50 | -1.25 | 28.11 | -2.64 | 30.75 | | 30.79 | 0.000288 | 1.00 | 60.95 | 16.97 | 0.14 |
| Affluente V | 3 | Q50 | 36.10 | 24.68 | 24.96 | -3.30 | 24.83 | -3.43 | 28.26 | 26.58 | 28.80 | 0.016895 | 3.30 | 11.39 | 2.69 | 0.54 |
| Affluente V | 3 | Q200 | 47.10 | 24.68 | 24.96 | -4.82 | 24.83 | -4.95 | 29.78 | 26.93 | 29.98 | 0.005846 | 1.72 | 24.42 | 16.97 | 0.28 |
| Affluente V | 3 | Q500 | 54.40 | 24.68 | 24.96 | -5.72 | 24.83 | -5.86 | 30.68 | 26.99 | 30.79 | 0.001660 | 1.17 | 39.85 | 16.97 | 0.18 |
| Affluente V | 2 | Q50 | 36.10 | 24.70 | 26.95 | -0.97 | 26.88 | -1.04 | 27.92 | 26.85 | 28.54 | 0.025685 | 3.49 | 10.36 | 4.00 | 0.63 |
| Affluente V | 2 | Q200 | 47.10 | 24.70 | 26.95 | -2.50 | 26.88 | -2.57 | 29.45 | 26.91 | 29.87 | 0.011608 | 2.86 | 16.47 | 4.00 | 0.42 |
| Affluente V | 2 | Q500 | 54.40 | 24.70 | 26.95 | -3.40 | 26.88 | -3.47 | 30.35 | 26.92 | 30.72 | 0.009000 | 2.71 | 20.05 | 4.00 | 0.37 |
| Affluente V | 1.1 | Q50 | 36.10 | 23.70 | 26.96 | -0.51 | 27.00 | -0.47 | 27.47 | 25.92 | 27.91 | 0.011013 | 2.93 | 12.33 | | 0.50 |
| Affluente V | 1.1 | Q200 | 47.10 | 23.70 | 26.96 | -1.61 | 27.00 | -1.57 | 28.57 | 26.32 | 29.31 | 0.018746 | 3.82 | 12.33 | | 0.57 |
| Affluente V | 1.1 | Q500 | 54.40 | 23.70 | 26.96 | -2.20 | 27.00 | -2.16 | 29.16 | 26.57 | 30.15 | 0.025008 | 4.41 | 12.33 | | 0.62 |
| Affluente V | 1 | Q50 | 36.10 | 21.70 | 24.96 | -2.73 | 25.00 | -2.69 | 27.69 | 23.91 | 27.81 | 0.001467 | 1.54 | 23.42 | 4.09 | 0.21 |
| Affluente V | 1 | Q200 | 47.10 | 21.70 | 24.96 | -4.03 | 25.00 | -3.99 | 28.99 | 24.32 | 29.13 | 0.001556 | 1.64 | 28.74 | 4.09 | 0.20 |
| Affluente V | 1 | Q500 | 54.40 | 21.70 | 24.96 | -4.79 | 25.00 | -4.75 | 29.75 | 24.57 | 29.90 | 0.001643 | 1.71 | 31.84 | 4.09 | 0.20 |

