Figure 1: TDS Laboratory Versus EC

The graph shows the relationship between TDS (Total Dissolved Solids) measured in the laboratory and the EC (Electrical Conductivity) measured in the field. The equation of the linear regression line is given as:

\[ y = 1.5401x - 4552.3 \]

with a correlation coefficient \( R^2 = 0.9734 \) indicating a strong linear relationship between the two variables.
Figure 2: Low Range Lab TDS vs Field EC

\[ y = 0.8386x - 165.6 \]
\[ R^2 = 0.9049 \]
Figure 3: High Range Lab TDS vs Field EC

\[ y = 1.6982x - 18290 \]
\[ R^2 = 0.9377 \]