PIEZOMETER LANDSLIDE PREDICTION
System Report
Generated: 2025-10-25 20:01:40

DATA SUMMARY

Total Readings: 64

Monitoring Points: 62

Date Range: 2025-09-18 10:51:10.920603 → 2025-10-25 07:50:47.627867

Pore Pressure Statistics:

Mean: 58.49 kPa

Range: 37.84 - 78.45 kPa

Groundwater Level Statistics:

Mean: 3.75 m

Range: 1.76 - 5.89 m

MODEL PERFORMANCE

Classification Accuracy: 100.0%

F1-Score: 1.000

Regression R² Score: 0.995

TOP 5 IMPORTANT FEATURES

1. pore_pressure: 0.422
2. cumulative_pressure_change: 0.361
3. pressure_water_ratio: 0.057
4. pressure_change_rate: 0.045
5. coord_z: 0.036