



Maritime Applied Physics Corporation

Timáz, Yucatán, Mexico

# Solar-Powered Water Pump and Rural Electrification



A MAGENN and MAPC Humanitarian Initiative

# Humanitarian Initiative

## Making a Difference

**By Fall 2008:**

- Solar Panels to Power a Water Pump
- Water used for human consumption, irrigation, and sanitation
- Excess electricity to power housing illumination



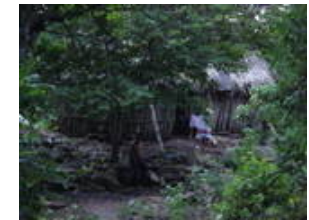
# Village: Timáz

- Population 60
- 6 houses
- 4Km to nearest Electrical Grid
- First water table @ 20 m depth is contaminated
- New well to be drilled to 50m depth, to reach uncontaminated water table



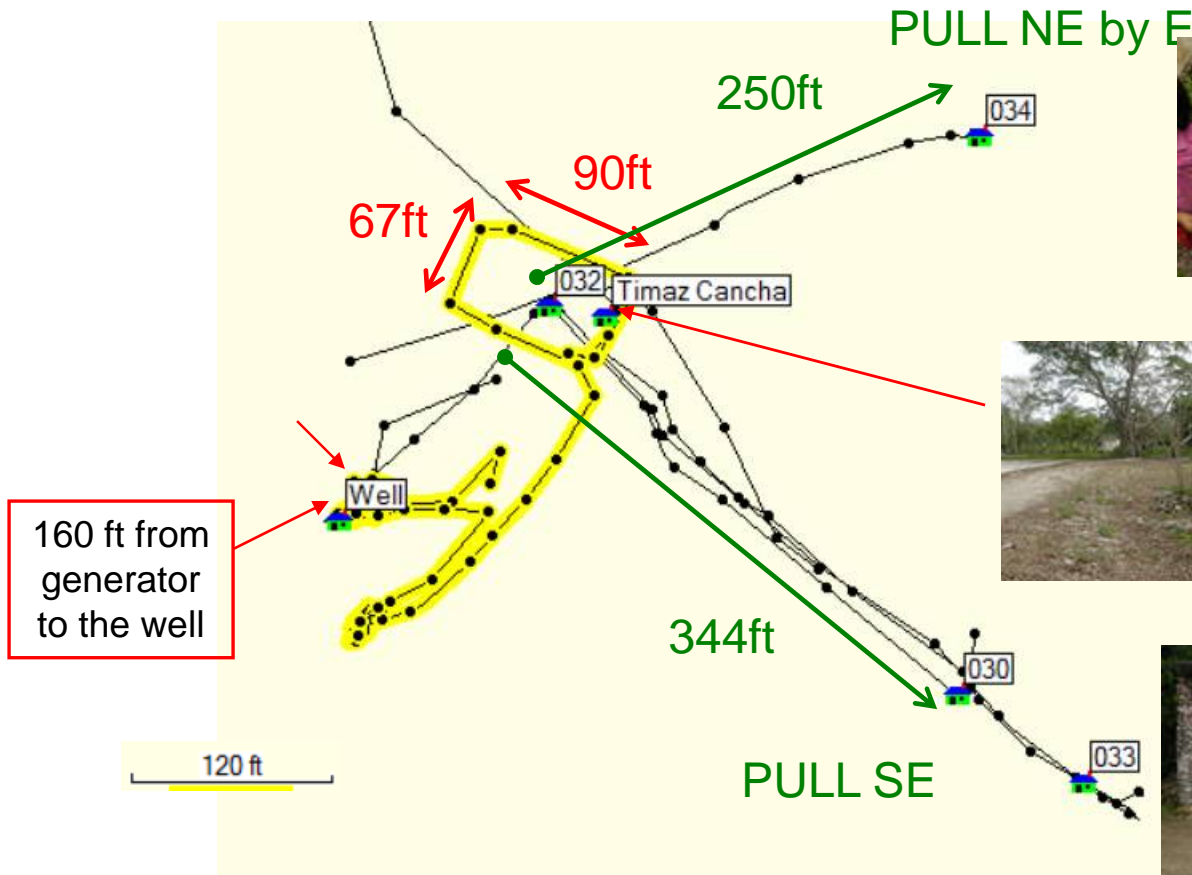
# Timáz, Location N20 29.200 W87 59.516

22.2mi or 36Km SE by E of Valladolid  
2Km by dirt road, Elev ~100ft ASL

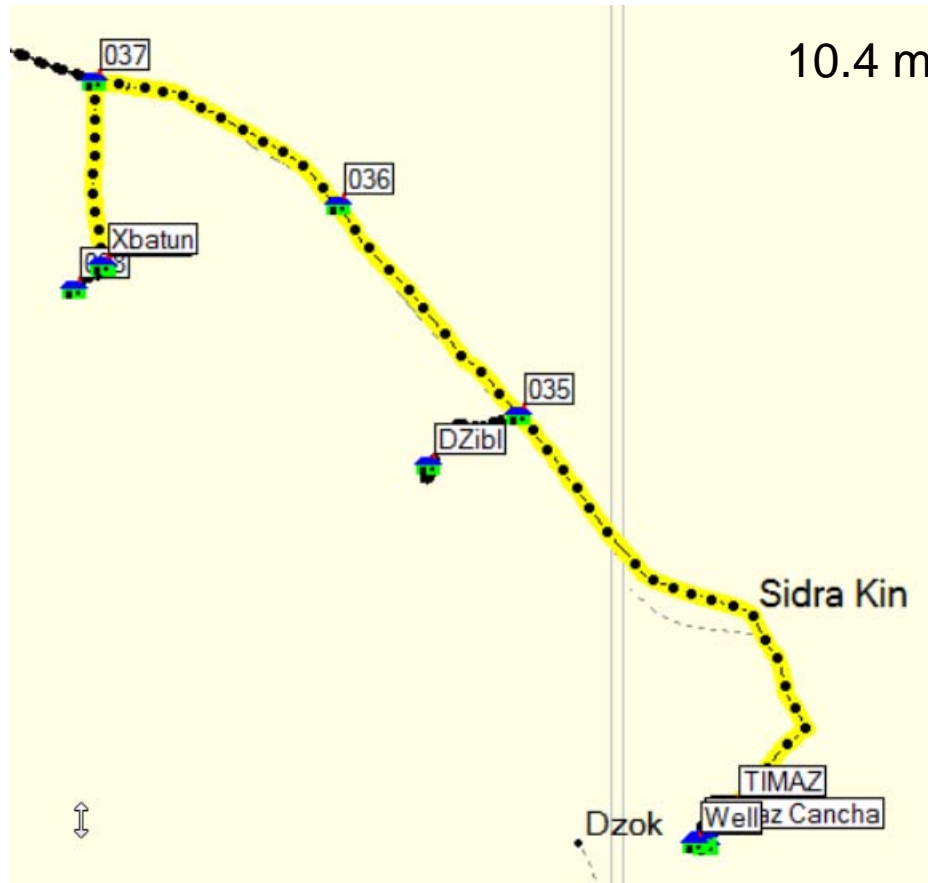


# Timáz, Mexico

ACCESS ROAD



# Timaz to Xbatum



10.4 mi or 17Km

