

# HESSEQUA TECHNICAL PROPERTY EXPERT

## Independent Pre-Purchase Rural Infrastructure Audit

**Property:** [Insert Property Name]

**Town:** [Stilbaai / Heidelberg / Riversdale / Witsand]

**Inspection Date:** [DD/MM/YYYY]

**Report Validity:** 7 Days from Inspection

**Mechanical & Electrical Engineering Assessment (Cape Peninsula University of Technology Degree 1987 )**

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## 1. Property Overview

- **Address & Coordinates:** [Insert]
  - **Property Type:** [Farmhouse / Smallholding / Residential Plot]
  - **Plot Size:** [Insert]
  - **General Notes:** [Insert]
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## 2. Solar & Battery Systems

Component	Condition	Observations / Notes
PV Panels & Inverters	Good / Fair / Poor	[Insert]
Battery Bank	Good / Fair / Poor	[Insert]
Wiring & Safety	Good / Fair / Poor	[Insert]

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## 3. Borehole & Water Systems

Component	Condition	Observations / Notes
Borehole Head	Good / Fair / Poor	[Insert]
Pump & Pressure Systems	Good / Fair / Poor	[Insert]
Water Storage & Distribution	Good / Fair / Poor	[Insert]

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## 4. Septic System Inspection

Component	Condition	Observations / Notes
Access Points	Good / Fair / Poor	[Insert]
Surface Inspection	Good / Fair / Poor	[Insert]

Component	Condition	Observations / Notes
Drainage & Surroundings	Good / Fair / Poor	[Insert]

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## 5. Off-Grid Electrical Modifications

Component	Condition	Observations / Notes
Wiring & Connections	Good / Fair / Poor	[Insert]
Load Points	Good / Fair / Poor	[Insert]
Observed Modifications	Good / Fair / Poor	[Insert]

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## 6. Risk Summary & Condition Grading

System	Condition	Replacement Risk	Notes
Solar	Good / Fair / Poor	Low / Medium / High	[Insert]
Battery	Good / Fair / Poor	Low / Medium / High	[Insert]
Borehole	Good / Fair / Poor	Low / Medium / High	[Insert]
Water Distribution	Good / Fair / Poor	Low / Medium / High	[Insert]
Septic	Good / Fair / Poor	Low / Medium / High	[Insert]

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## 7. Photographic Evidence

- [Insert annotated image of solar panels]
  - [Insert annotated image of battery bank]
  - [Insert annotated image of borehole / water system]
  - [Insert annotated image of septic access]
  - [Insert annotated image of off-grid modifications]
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## 8. Conclusions & Recommendations

- **Overall Infrastructure Condition:** [Insert Summary]
  - **Key Risks:** [Highlight top 2-3]
  - **Recommendations:** [Negotiate maintenance, replacement, or monitoring]
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### Footer:

Hessequa Technical Property Expert | [www.hessequatechnicalpropertyexpert.2k11.co.za](http://www.hessequatechnicalpropertyexpert.2k11.co.za)

Contact: [phone / email]

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