

QUALITY REPORT

# GS1247 VPA 69 Zoba Debub Community Boreholes

GS-1519 · GS · Eritrea

Report ID: CM-8DF25112 · Generated: 2026-04-23 · Scoring Methodology: General v2.0

|                                                              |                       |     |
|--------------------------------------------------------------|-----------------------|-----|
| <div>4.5</div> <div>Overall Score</div> <div>out of 10</div> | ■ Integrity (35%)     | 5.2 |
|                                                              | ■ Transparency (25%)  | 4.5 |
|                                                              | ■ Claim Safety (25%)  | 4.0 |
|                                                              | ■ Documentation (15%) | 4.0 |
|                                                              |                       |     |

Weights: Integrity 35% · Transparency 25% · Claim Safety 25% · Documentation 15%

## Assessment Summary

The project shows some positive elements (VVB review, recent baseline reassessment, FPIC and grievance mechanism), but significant evidence gaps and contradictions reduce confidence. Key weaknesses are unaddressed leakage justification, many corrective actions/material findings, low extraction confidence, and conflicting values for baseline assumptions.

## Project Details

|                     |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| Registry            | Gold Standard                                                                   |
| Registry ID         | GS-1519                                                                         |
| Sector              | industrial                                                                      |
| Country             | Eritrea                                                                         |
| Vintage             | Recent                                                                          |
| Project Methodology | TPDDTEC 4.0                                                                     |
| Crediting Period    | 2025 — 2030                                                                     |
| VVB                 | Earthood Services Limited (Formerly known as Earthood Services Private Limited) |
| Monitoring Period   | 2023 — 2024                                                                     |
| Confidence          | Medium                                                                          |
| Documents Reviewed  | 35 documents reviewed                                                           |
| Scored              | 2026-04-23                                                                      |

## Red Flags

- Leakage justification explicitly not addressed in the most recent document
- Multiple material findings and corrective/forward action requests remaining in record
- Low extraction confidence and contradictory core parameters (FN/RB, crediting period) across documents

## Score Breakdown

### Integrity — 5.2 / 10

- + Additionality confirmed by the VVB in the validation report (Earthood Services Limited, validation report 2025-08-18)
- Leakage justification not addressed in the most recent report despite a 0% leakage deduction; multiple CARs/CLs recorded and corrective actions required

Additionality was confirmed by the VVB in the validation report (Earthood Services Limited, validation report 2025-08-18), and the baseline was reassessed in 2024 which supports baseline validity. However, leakage is labelled 'not\_addressed' in the most recent document while the project applies a 0% leakage deduction; this inconsistency and the presence of many CARs/CLs (listed in the validation report) lower confidence in baseline/leakage treatment and corrective implementation. Reversal risk is not clearly documented in the latest report, and buffer pool percentage is not found in the extracted record, so permanence considerations are only partially addressed.

### Transparency — 4.5 / 10

- + VVB name and a recent monitoring period (2023–2024) are reported; registry is Gold Standard and baseline was reassessed in 2024
- Key MRV values missing from available extracts (total emissions claimed/verified not found) and minimum extraction confidence is low

The record contains a named VVB, a clear monitoring period (2023-01-01 to 2024-12-31) and the project is on the Gold Standard registry, and 33 documents were used. Nevertheless, critical MRV figures are missing from the extraction (total emissions claimed and verified are not found), the evidence\_docs field is 'unknown', and the minimum extraction confidence is low — all of which reduce transparency and traceability.

### Claim Safety — 4.0 / 10

- + Usage monitoring method is specified (annual survey) and usage rate was verified at 95% in documentation
- Large contradictions in the FN/RB approach and FN/RB value (97 vs 0.85) and lack of statement on CORSIA/CCP create overclaiming risk

There is a specified methodology (TPDDTEC v4.0) and usage monitoring method (annual survey) with usage verified at 95%, which supports the credibility of some claims. Yet major contradictions exist: the FN/RB method and value conflict across documents (national default and value 97 in 2024 vs local field and 0.85 in earlier 2023 documents), and crediting period was changed in later documentation. CORSIA/CCP status is not stated. These contradictions and gaps increase the risk of overcrediting and doubleclaiming.

### Documentation — 4.0 / 10

- + A named VVB and a recent validation report (2025-08-18) are present and baseline reassessed in 2024
- Evidence documents list is unspecified ('unknown'), extraction confidence is low, and numerous CARs/CLs indicate data reliability issues

Documentation is recent (validation report dated 2025-08-18) and the VVB is independent and named, which supports quality. However, the extracted evidence list is unspecified, the minimum extraction confidence is low, and several corrective and forward action requests remain — indicating incomplete or uncertain documentation. The combination of many CARs/CLs and low extraction confidence suggests weaker documentary support than the document count implies.

## Risk Indicators

|                        |                                          |
|------------------------|------------------------------------------|
| ● <b>Additionality</b> | VVB confirmed but test not detailed      |
| ● <b>Permanence</b>    | buffer/reversal treatment unclear        |
| ● <b>Leakage</b>       | 0% deduction but justification absent    |
| ● <b>Baseline</b>      | project baseline, recently reassessed    |
| ● <b>Safeguards</b>    | FPIC, grievance and safeguards mentioned |
| ● <b>Double-claim</b>  | CORSIA/CCP status not clearly stated     |

## What Would Improve This Score

- Provide clear, public MRV figures (total emissions claimed and verified) and an accessible evidence document list for independent review.
- Resolve contradictions by publishing a consolidated, dated statement of key parameters (FN/RB method and value, leakage justification, crediting period) and close outstanding corrective actions with evidence.

## Documents Reviewed

- GS5042\_MP3 Capped ER\_Calcs\_69\_FINAL v2.xlsx
- Zoba Debub ERS\_22-24\_v2(11).xlsx
- PoA GS1247 Annual-Report - signed.pdf
- GS5038-43 5825-27 7330-36\_Debub BHs Annual-Report 2022(19).pdf
- ZD MP6\_MP5 MR v5\_CLEAN(11).pdf
- Monitoring Report\_3rd monitoring period\_01.06.2019 to 31.05.2020\_v3.pdf
- (1)Monitoring Report\_1st monitoring period\_25.10.2016 to 24.10.2017\_v1.pdf
- (1)Monitoring Report\_2nd monitoring period\_25.10.2017 to 31.05.2019\_v5.pdf
- Zoba Debub ERS\_v2(5)(6).xlsx
- ZD MP5\_MP4 MR v2\_CLEAN (1)(4).pdf
- GS5038-43 5825-27 7330-36\_Debub BHs Annual-Report 2023(11).pdf
- GS1247 IKR Micro PoA-DD CP2 v10\_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v11\_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v14\_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v15.3 TRACKED.pdf
- GS1247\_IKR\_Micro\_PoA-DD\_CP2\_v16\_TRACKED.pdf
- KAOD SW GS1359 VPA-DD v2\_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.3\_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.2\_TRACKED\_R2\_Earthood.pdf
- PDD\_05.24.2013\_v3.pdf
- PDD\_08.03.2017\_v1.3.pdf
- Gold Standard Assurance Platform — GS-1519
- Gold Standard Registry — GS-1519
- GS\_5042\_Eritrea\_Boreholes\_VPA69\_Local\_Stakeholder\_Consultation\_Report\_V1.1\_CLEAN.pdf
- DEV\_255 (1).pdf
- CO2b User Numbers Deviation-Request-Form v1\_Final decision.pdf
- GS1247\_Internal\_Validation\_PoA\_13062013\_final.pdf
- T-v1.1-Design-Change-Memo\_GS1247\_v2\_CLEAN.pdf
- T-v1.1-Design-Change-Memo\_GS1247\_COL, HAITI, GUAT v2\_CLEAN.pdf
- GS 1247\_FVR Clean \_Improved Kitchen\_19-02-2025[23].pdf
- GS1247\_PoA-DD Clean\_CP2\_Improved Kitchen\_19-02-2025.pdf
- 1.xlsx
- FVR\_GS1247\_v3.0\_PoA\_Clean.pdf
- GS.VER.23.99\_FVR\_CF(11).pdf
- GS5038-5043-GS5825-GS5827 and GS7330-GS7336.MD.GEN.009.Verification\_Report(4).pdf

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