

# PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT

350Solutions, Inc. has verified the CO<sub>2</sub> removal capability and validated the eligibility for CO<sub>2</sub> Removal Credits (CORCs) under the Puro.earth Standard General Rules v4.2 and the associated Enhanced Rock Weathering Methodology (Edition 2022 v2) for the following company:

Technology & Company Information		
CO <sub>2</sub> Removal Supplier	Production Facility Name and Location	CO <sub>2</sub> Removal Method
Varaha ClimateAg Private Ltd.	Smallholder Farmers in India (Facility ID: 442197) – 49 Application Sites in Madhya Pradesh, India	Enhanced Rock Weathering

350Solutions affirms that the organization has the appropriate equipment, procedures, and protocols in place and documentation to quantify CO<sub>2</sub> removal through the application of a weathering material (basalt) on farmland, via measurement of soil inorganic carbon (SIC) formation and appropriate lifecycle analysis in accordance with the requirements of the Puro.Earth General Rules and Enhanced Rock Weathering Methodology. Eligibility criteria are verified as follows:

Eligibility Criteria		
Criteria	Eligibility Status	Rationale
<b>Baseline Characterization</b>	Eligible	The weathering material would have minimal contact with the atmosphere before disposal. This rock weathering and the formation of SIC in the control plots are deducted from the CORC calculation.
<b>Net Negative LCA</b>	Eligible	Calculated according to Enhanced Rock Weathering Methodology. Basalt is considered a waste product.
<b>Application Site Grouping</b>	Eligible	All application sites have broadly consistent geographic location, climatic conditions, type of applied weathering material, soil type, and risk profile.
<b>Environmental &amp; Social Safeguards</b>	Eligible	Potentially Toxic Element (PTE) concentrations are below local and EU regulatory limits. Appropriate safety measures are in place for basalt handling. Stakeholder engagement satisfies Puro requirements.
<b>Stakeholder Consultation</b>	Eligible	Evidence of sufficient stakeholder consultation was provided. Primary stakeholder group is farmers.
<b>Additionality</b>	Eligible	CO <sub>2</sub> removal from weathering material sources would not occur naturally, is not required by any regulation, and requires carbon finance.
<b>CORC Quantification</b>	Eligible	C <sub>stored</sub> calculated from change in SIC over monitoring period. Deductions for plant uptake, strong acid weathering, and riverine and marine losses are not applicable. Default deduction taken for riverine and marine losses because methodology does not provide an exception.
<b>Production Facility Data</b>	Eligible	Production facility data matches Puro.earth Registry
<b>OVERALL ELIGIBILITY</b>	<b>ELIGIBLE</b>	
<b>Total Verified CORCs</b>	<b>77.16</b>	

350Solutions has audited and verified eligible CO<sub>2</sub> removals for the monitoring period May 1, 2024 – May 1, 2025. Additional details regarding the Production Facility and Output Audit can be found in the Production Facility & Output Audit Report (Doc. ID 350-PU2509-PFAOA).

Auditor Information		
Verification Body	Lead Auditor	Verification ID No.
350Solutions, Inc.	Lily Schacht	PU2509

**Signed:** Lily Schacht (Lead Auditor)

Zoe Sandwith (Peer Reviewer)

# PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT: VARAHA

## TECHNOLOGY DESCRIPTION

Varaha spreads finely-ground basalt rock on farmland to remove carbon dioxide (CO<sub>2</sub>) from the atmosphere in a process called Enhanced Rock Weathering (ERW). More information about the chemistry of enhanced rock weathering and the nuances in quantifying the resulting carbon dioxide removal (CDR) can be found in Cascade Climate's Foundations for CDR Quantification in ERW Deployments [1].

The basalt used for this project came from [REDACTED] in Madhya Pradesh, within 100 km of all application sites. The weathering material would have been used as backfill for decommissioned mine sites.

In May 2024, Varaha spread 2,549 tonnes of basalt on 119 ha of farmland, following a round of baseline sampling. A second round of soil sampling occurred during May 2025. This monitoring period encompasses the inorganic carbon storage between these two sampling rounds.

## VERIFICATION DESCRIPTION

Audit activities were conducted by 350Solutions to independently verify the production facility, operations, data, and CORC claims for the Varaha's Smallholder Farmers in India Project. The verification was conducted following the specifications of Puro General Rules 4.2 and Enhanced Rock Weathering Methodology (Edition 2022 v2). The Production Facility Audit was completed via an in-person site visit to a subset of field sites on September 12, 2025. Facility standing and production output data was reviewed and verified remotely and during on-site activities during the site visit.

## DATA QUALITY & LEVEL OF ASSURANCE

350Solutions is an ANAB-accredited ISO/IEC 17020:2012 independent inspection body for ISO 14034:2016 Environmental Technology Verification. 350Solutions Quality Management Plan and Quality Systems Procedures generally apply to activities associated with the Production Facility Audit and Output Audit performed in accordance with the Puro Standard. 350Solutions utilized a reasonable level of assurance in performance of the Production Facility & Output Audits. The data quality assessment includes, but is not limited to:

- Data quality assessment for the specified performance and CORC claims;
- Assessment of ancillary data quality (operations, relevance, and representativeness);
- Performer competence (testing and analytical providers);
- Sampling and analytical procedures (repeatability, accuracy, measurement equipment calibration and quality checks); and,
- Data management and processing.

In broad terms, the data provided by Varaha to verify the Production Facility and its output in accordance with the Puro Standard was found to be acceptable for verification of initial CORC claims. Requirements and recommendations for improvement of data quality are provided in the Verification Report. All findings of the data quality review support verification of the performance claims and conform to the requirements of the standards.

*Notice: 350Solutions, Inc. declares that we are an impartial auditor, free from any conflicts of interest, capable, and qualified to complete this audit according to Puro Standard and related Validation and Verification Body Requirements. Verifications and audits conducted by 350Solutions are based on an evaluation of technology performance and CO<sub>2</sub> removal claims via site visit observations and review of data submitted by the audited company. Audits are completed in accordance with rules and methodologies specified by Puro and utilizing the appropriate quality assurance procedures. 350Solutions makes no expressed or implied warranties as to the performance of the technology and does not certify that a technology will always operate at the levels verified, nor that it meets all state, local, or federal legal requirements.*

[1] Cascade Climate, "Foundations for CDR Quantification in ERW Deployments." Oct. 2024 [Online].  
[https://cascadecclimate.org/CC\\_Foundations%20for%20CDR%20Quantification%20in%20ERW%20Deployments.pdf](https://cascadecclimate.org/CC_Foundations%20for%20CDR%20Quantification%20in%20ERW%20Deployments.pdf)