



Geological & Saline-Brine Survey — Public Summary

This summary presents, in public form, the findings of the Geological & Saline-Brine Survey Analysis Report prepared for the Noolays Salt Producer Cooperative for the Habulay River Basin. The survey combined remote-sensing analysis, geological and structural interpretation, hydrogeological mapping and field observation, with stratigraphic correlation to the wider Korahe Basin. It was received by the cooperative in August 2026 and underpins the development programme described on noolays.com.

SCOPE

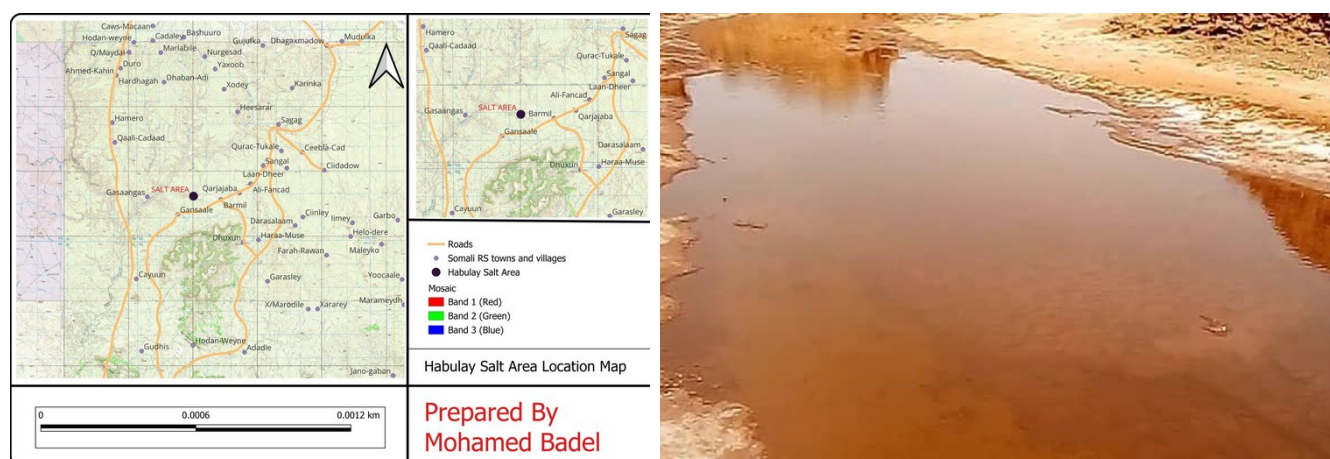
What the survey covered

- Regional and local geological mapping of the basin and its evaporite-associated units.
- Structural interpretation of the deposit and its surrounding fault and fracture systems.
- Hydrogeological mapping, including water-table contours and potentiometric surface.
- Geochemical and remote-sensing analysis of saline expressions across the project area.
- Site and location mapping, including access context within Dihun Woreda.
- Preliminary identification of solar-evaporation areas and a preliminary exploratory borehole corridor concept along the Habulay River.

WHAT THE SURVEY INDICATES

Key findings

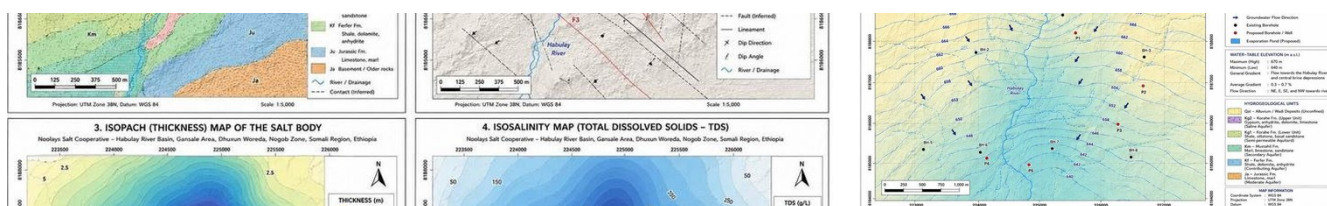
Indicator	Reported value
Brine total dissolved solids (TDS)	above 250,000 mg/L
Na+ / Cl ratio	approximately 0.9–1.1 (near-marine)
Brine pH	approximately 6.5–7.5
Sulphate	reported as high
Estimated evaporation rate	approximately 7–9 mm/day
Surface salt-crust coverage	approximately 2.5 km ²
Shallow brine indication	approximately 45,000–60,000 m ³
Favourable solar-evaporation areas	approximately 150–200 ha
Gypsum / anhydrite association	preliminary indications present
Preliminary resource life	exceeding 10 years under stated assumptions



Left: Habulay Salt Area location map — prepared by Mohamed Badel. Right: saline pool in the Habulay river bed — field photograph. Project development material.



Survey plates and independent cross-check



Left: geoscience panel — local geological map, structural map, hydrogeological map and potentiometric surface. Right: hydrogeological water-table contours of the Habulay basin. Preliminary / project development material.

OCTOBER 2025 ANALYSIS

Independent laboratory cross-check

Salt samples from two kebeles of Dihun Woreda (Garbo Arag, lab no. 4193-25, and the Habulay River, lab no. 4194) were analysed by the Ethiopian Mineral Corporation Laboratory Service Center, Addis Ababa (Form G0003; submitted 18 September 2025, reported 17 October 2025; mixed-acid attack, gravimetry and AAS). The analysis returned sodium-chloride purity of 97.45 % and 98.78 % respectively — above the 97 % benchmark associated with edible salt — with very low magnesium and negligible nitrate in both samples, and lower calcium and insoluble matter in the Habulay River sample. The results support the survey's interpretation of a halite-dominant saline system. The full table is published on noolays.com.

IMPORTANT NOTICE

What this document is — and is not

The figures above are preliminary project-development estimates based on available field work, remote sensing and geological interpretation. They are not an independently certified mineral or brine resource statement, nor a guaranteed production forecast. Recoverable quantities, sustainable abstraction, evaporation performance and commercial output must be established through further investigation, pilot testing and independent due diligence.

FROM SURVEY TO EVIDENCE

Next steps in the programme

- Resource verification: additional sampling, geophysical work and exploratory boreholes.
- Pilot solar-evaporation testing to measure recovery, quality and operating conditions.
- Environmental assessment and responsible-development planning.
- Technical, market and financial feasibility leading to a gated investment decision.

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