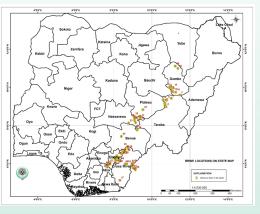
## **GEOLOGY AND FIELD ACTIVITIES**





The Twenty-one (21) **Project Work Flow Chart** brine samples were subjected to physicochemical, mineralogical and

evaporation tests, While permeability test was conducted on the soil samples.

Key outcome from project

P	re-Processing Operations	
	Ancillary Data	
	Feature Extraction	
. L	Field Data Acquisition	
	Laboratory Analysis	
	<b>+</b>	
Data	Integration and Classification	
	voervised Classification	
6	opernseu classificación	
	Classified Output	
	citating output	
Pr	st-Processing Operations	
- H		
+	s, Imageries, Maps and Report	

Field activities at Shagu. Gombe State

Geologiccal Map

GEOLOGICAL MAP OF THE BENUE TROUGH WING BRINE OCCURRENCES

**SALT BRINE** 

brines.



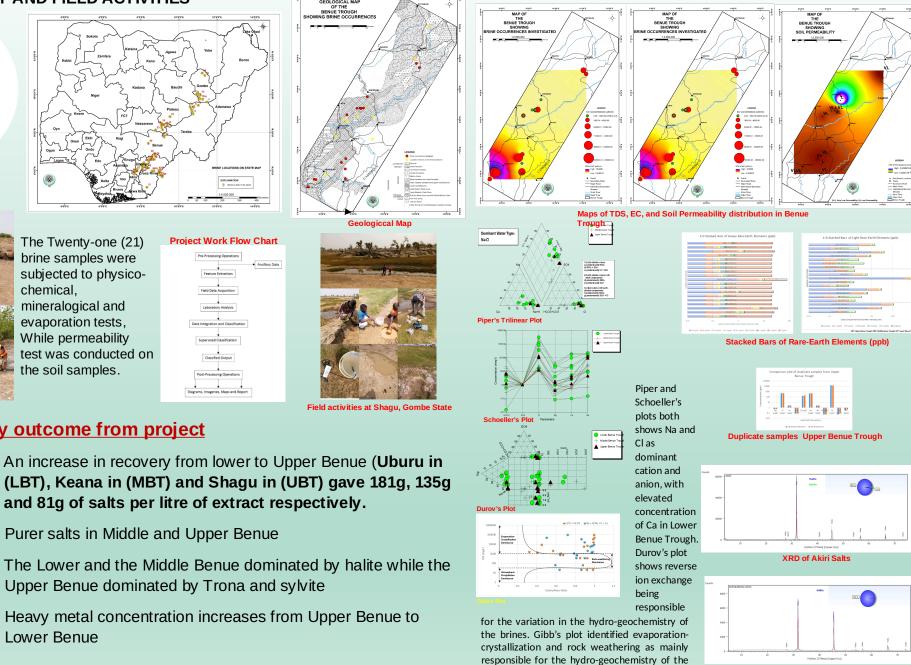


Heavy metal concentration increases from Upper Benue to Lower Benue

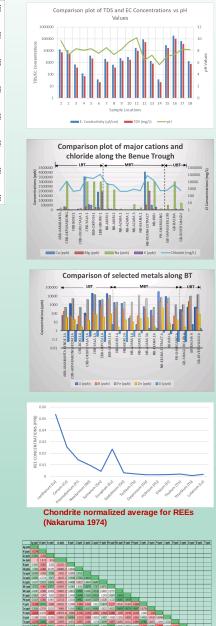
and 81g of salts per litre of extract respectively.

Purer salts in Middle and Upper Benue

Upper Benue dominated by Trona and sylvite



## INTERPRETATION OF PHYSICO-CHEMICAL ANALYSIS RESULTS



Correlation matrix for metals in Brines o Benue Trough

XRD of Akparabong salts