



XRF ANALYSIS REQUEST FORM

Please submit your request by filling out the form below to the respective lab. Details of the sample (format attached) like sample number, name, type, locality etc. should invariably accompany this request.

Date: _____

Name of Intender : _____
 Affiliation : _____
 Project : _____
 E-mail : _____ No. of Samples _____
 Sample Type : Soil* Rock* Sediment* Mineral* Others (Please Specify) _____

**NCESS follows matrix based analytical METHODS. Samples cannot be analysed without details of samples (for eg. Granite, dolerite, laterite soil, river sediment, lake sediment etc.). These details have to be filled compulsorily in the columns provided in the format.*

XRF Analysis
<input type="checkbox"/> Major Elements (SiO ₂ , TiO ₂ , Al ₂ O ₃ , MnO, Fe ₂ O ₃ , MgO, CaO, Na ₂ O, K ₂ O, P ₂ O ₅) <input type="checkbox"/> Trace elements (Please specify from the following) <input type="checkbox"/> V <input type="checkbox"/> Cr <input type="checkbox"/> Co <input type="checkbox"/> Ni <input type="checkbox"/> Cu <input type="checkbox"/> Zn <input type="checkbox"/> Ga <input type="checkbox"/> Rb <input type="checkbox"/> Sr <input type="checkbox"/> Y <input type="checkbox"/> Zr <input type="checkbox"/> Nb <input type="checkbox"/> Ba <input type="checkbox"/> Ce <input type="checkbox"/> La <input type="checkbox"/> Nd <input type="checkbox"/> Sm <input type="checkbox"/> Pb

Category of Request* (✓ tick one)

<input type="checkbox"/> I: Commercial	<input type="checkbox"/> II: R&D Institute	<input type="checkbox"/> III: Research Student	<input type="checkbox"/> IV: NCESS
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**: Categories I to III are on payment basis. Category IV is for NCESS users. Please check for eligible category and applicable rates.*

Analytical Charges under different Categories:

XRF: Rs 2000/- per sample for 10 major elements; Rs 200/- additional per trace element. Minimum charge per sample is Rs 2000/-

Category	User	Charge
I: Commercial	Users from Industry/private/commercial organisation/consultancy projects.	Full
II: R&D projects	Users from Government organisation/Universities, sponsored projects of NCESS.	2/5
III: Research Students	Students from outside NCESS, pursuing PG/Ph.D., Programmes	1/5
IV: NCESS	NCESS Institutional projects/Plan projects/ PG/PhD., Students at NCESS	Free

Please Note:

1. Additional Service Tax, as applicable (currently @ 18%), is charged extra.
2. Outstation indenters may send samples, strictly as per the lab requirement, along with the request form directly to the XRF lab. They would be advised by email of charges on completion of the analysis.
3. Analytical charges may be remitted directly by cash at NCESS accounts section or by way of crossed DD drawn in favour of the Director, NCESS, payable at any of the nationalized banks, Thiruvananthapuram.
4. Results are mailed on receipt of the payment or in person by presentation of payment receipt.

Samples for XRF: Ten grams of finely ground and dried sample powders (at least –230 mesh size) are to be supplied with Loss on Ignition (LOI) values. **Samples known to contain loss on ignition values more than 1% will not be analyzed without information on LOI.**

Sr No	Sample No	Sample Name (Essential)	Location	LOI	Remarks
1		Granite			
2		Basalt			
3		Charnockite			
4		River sediment			
5		Ocean sediment			
6		Laterite soil			
7		Lake Sediment			
8		Ayurvedic compound			
9		Pyroxene			
10		Garnet			
11					
12					
13					
14					
15					

Arrange similar type of samples in a continuous serial order. Indicate abnormal concentration of any element, if known or suspected.

.....
Name and
Signature of Indenter

.....
Head
(Group/Division/Institute/Dept)

.....
Scientist In-Charge/Group Head
XRF laboratory

For Office use only

Please collect Rs (In words.....)
towards XRF analytical charges ofsamples under category..... including GST @ 18%.

Date: _____

Scientist In-Charge/Group Head
XRF laboratory

Sr No	Sample No	Sample Name (Essential)	Location	LOI	Remarks
		Granite			
		Basalt			
		Charnockite			
		River sediment			
		Ocean sediment			
		Laterite soil			
		Lake Sediment			
		Ayurvedic compound			
		Pyroxene			
		Garnet			

Please Note: Duplicate this page for more samples.

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Name and
Signature of Indenter