

Name of the Machine	Brand Name and Country of Origin	Model No.	Description/Use
x-ray Fluoresce Spectrometer (XRF).	Rigaku , Japan	Rigaku ZXS Primus	Used for qualitative and quantitative analysis of all elements from Berilium (Be) to Uranium (U) and also capable to determine unknown samples i.e. composition of rocks, minerals, metals could be identified by XRF.



**Used For:** Elemental analysis of different product and raw materials of 13 R&D projects of IMMM and few R&D projects of BCSIR, research sample of the students of different universities have been carried out by this machine.

**Analytical Services:** The samples of mining companies such as Premier Mining Co., Carbon Mining Co., Getco Mining Co., Sam of Exploration etc. and industries like Nasir Glass In., Bengal Ceramics etc. and different Government organization such as GSB, RAB, Customsetc., have been analysed.

**Earnings :BDT 6,10,000.00**

**Future Plan:** The samples of R&D projects of IMMM & BCSIR will be analysed. The analytical service will be offered to the Mining Companies and Industries.