

About Nupur

Nupur has the experience in Remote sensing, GIS and Coal Geology. She is expert in GIS and remote sensing study for groundwater exploration and Mineral Target generation. Nupur's professional experience includes significant skills in coal resource development as geological report, sampling advice as per standard protocols, Exploration project budget creation and monitoring. Nupur has the experience in raw coal processing and Coal characterization, Exploration techniques under the supervision of TATA STEEL LTD (Jharia Coalfield). In addition, Nupur has the Field experience about Topographical study, structural and litho-mapping of the exploration area, petrology with rock analysis and Experimental Petrology. Nupur is well converged in different GIS & Remote Sensing and Geological software like ERDAS Imagine 2014, ArcGIS 10.3, QGIS 2.14, MapInfo 15 with Discover, AutoCad 2019, ProgeCad, Global Mapper 11, Google Earth, Minex 6.4, Surpac 6.8.1, Prolog and Log plot. She is also an excellent database management specialist for all kind of real time exploration, resource evaluation database and analysis. She has successfully executed numerous International JORC Resource evaluation and Database management project.

Nupur Adhikary

Position: Senior Exploration Geologist (Remote Sensing & GIS)

Qualifications: M.Sc. (Applied Geology), PG Diploma (GIS and Remote Sensing)

Relevant Experience

- **Bellfield & Gilvert River Data Compilation, Australia, 2011**
- **Alpha and Kevin's Corner Database QAQC Project, Australia, 2011-2012**
- **Tri-Star Coal Project, Australia, 2012:** Historical exploration and mining data compilation, digitization and Quality Analysis & Quality Control (QAQC) using Compare Suite.
- **Resource Modelling and Resource Estimation of Sumatra, Indonesia, 2012-2013:** Preparation of Base map for exploration, Geological map, Lease boundary map, Tenement map and exploration plan. Structural interpretation of Coal deposit using exploration data, geological correlation of the deposit and estimation of resource in details like proved, indicated and inferred category. Task also involved preparation of relevant geological plans like topographical plan, floor contour plans, iso-thickness and iso-grade plans etc.
- **Resource Modelling and preparation of Geological Report of Mahuagarhi Coal Block, India, 2013:** Structural interpretation of Coal deposit using exploration data, geological correlation of the deposit and estimation of resource in details like proved, indicated and inferred category.
- **Preparation of GR & JORC Geological Resource Model of Coal Concession in Jambi, Sumatera Islands, Indonesia, 2013:** Exploration database management, borehole graphical log preparation, Analytical correction of coal seams, seam delineation and demarcation, seam correlation and structural interpretation. Geological database preparation for 3D resource modeling. Interim Geological Report preparation.
- **Geological Exploration and property assessment for Gold Southern India, 2013:** Exploration process review and database validation. Property evaluation and report preparation.
- **Western Ghats Bauxite Project, Maharashtra, 2013:** Reconnaissance field visit.
- **MIS Manager for exploration projects and GIS database, Geological database, Project planning & management.**
- **Remote sensing study for groundwater exploration and Mineral Target generation.**
- **Budget monitoring, Administration, Finance and Accounting.**

Period		Position	Organization
September, 2013	Present	Senior Exploration Geologist (RS & GIS)	Geovale Services Pvt. Ltd.
April, 2013	September, 2013	Resource Geologist	HDR Salva, India
March, 2012	March, 2013	GIS Geologist	Salva Resources Pvt Ltd, India
September, 2011	February, 2012	Intern Geologist	Salva Resources Pvt Ltd, India