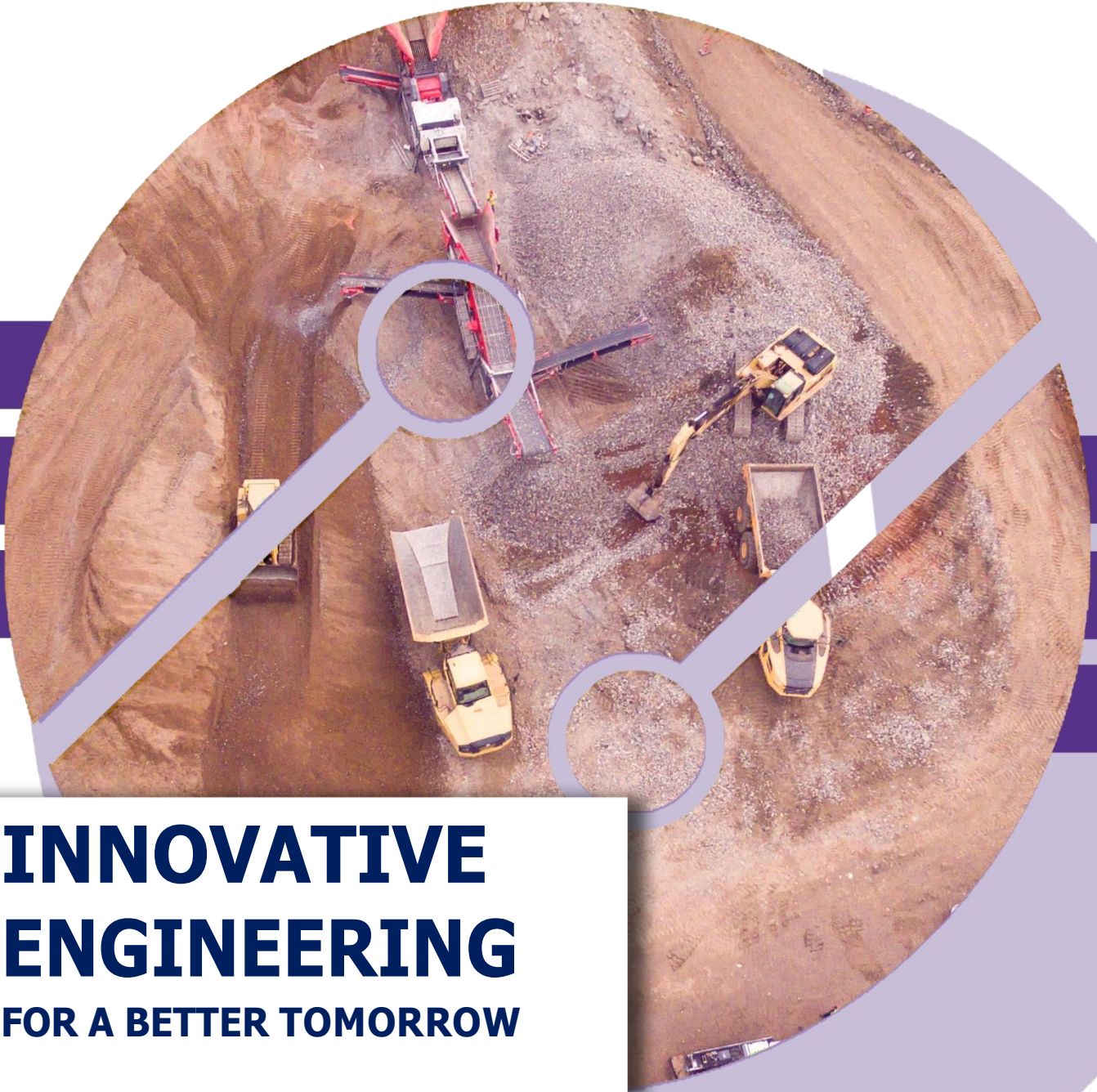


PECPL



PROJECT ENGINEERING & CONTROLS PVT. LTD.

ISO 9001:2008 COMPANY – SINCE 1978



**INNOVATIVE
ENGINEERING
FOR A BETTER TOMORROW**



Get in touch

+91-3324747806

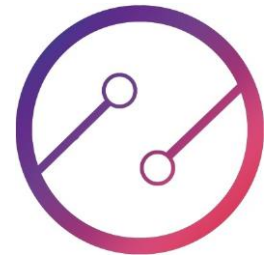
+91-8879521252

Email: admin@pecpl.tech

Website: www.pecpl.tech

Office Location

Project Engineering &
Controls Private Limited
PECPL- India
9 Weston Street
Siddha Weston Unit
215 Kolkata- 700 013



Our Services



GEOTECHNICAL INVESTIGATION

Our geotechnical investigation services include drilling, sampling, and testing of soil and rock, as well as analysis of groundwater conditions. We use a variety of techniques, including boreholes, test pits, and geophysical methods, to gather the necessary data for our analysis. Our team of experienced geotechnical engineers and technicians provides detailed information about the ground conditions at your site. The company has successfully executed a few hundreds of widely varying ranges of assignment during its operation of more than 35 years



MINING & GEOLOGY

Our mining and geology services include mineral exploration, resource evaluation, mine planning, and environmental assessments. We work closely with our clients to understand their specific needs and develop customized solutions to meet their objectives. We understand the importance of sustainability and environmental responsibility in the mining and geology industry. Our team has the expertise to help our clients minimize their environmental impact while maximizing their resource potential.



TOPOGRAPHIC & CONTOUR SURVEY

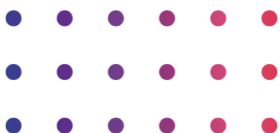
A topographic survey is a critical first step in any land development or construction project. By providing an accurate map of the land's features, including elevations, contours, and other physical characteristics, a topographic survey helps ensure that your project is designed and built safely and efficiently. Our team has experience working on a wide range of projects, from residential developments to commercial buildings, and we understand the unique challenges that each project presents. We also offer contour surveys, which are a key component of topographic surveys. Contour lines represent changes in elevation and provide a visual representation of the land's topography. This information is critical for engineers, architects, and developers to design and plan projects that are safe and effective.



Geophysical & Hydrogeological

Our geophysical services include seismic surveys, electrical resistivity surveys, and magnetic surveys, among others. We use these methods to provide information about the subsurface structures and properties, which can be used for mineral exploration, geotechnical investigations, and environmental assessments.

Our hydrogeological services include groundwater exploration, aquifer testing, and groundwater modelling. We work with our clients to understand their specific needs and develop customized solutions to meet their objectives.



Email: admin@pecpl.tech
Website: www.pecpl.tech



Company Profile

CIN No: U31909WB1987PTC041744

Project Engineering & Controls Pvt. Ltd. (PECPL, An ISO 9001: 2008 Company), a professionally managed multi-disciplinary firm is in operation since 1978. We have consistently met our client's need and expectation for quality, on time Execution and within budget, performance through efficient Project Management Team utilizing advance technology and creative engineering.

The core areas of services being provided by the company are:

MINING & GEOLOGY

Execution of Mineral Exploration Projects on Turnkey Basis

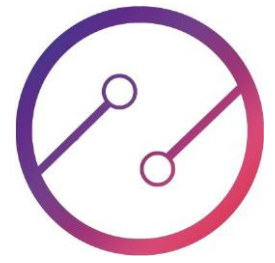
- Topographical & Contour Survey and Geological Mapping
- Geophysical Survey
- Drilling, Logging & Sampling
- Deposit Evaluation & Geological Investigation
- Report Mine Planning as per MCDR
- Forest Diversion Proposal
- Rehabilitation & Resettlement Proposal
- Feasibility Studies on Mining & Mineral
- Beneficiation Project Mine Geo-Technical Study
- Pilot & Bench Scale sample collection, Characterization, classifications etc.

PROJECT ENGINEERING

- Project Feasibility Studies & Preparation of Detail Project Report
- (DPR) Engineering & Consultancy for Industrial Projects
- Detail Engineering for Civil, Mechanical,
- Structural & Pipe Lines Design & Engineering of Fluid Circulation
- System Design & Engineering of Water Supply & Sewerage Treatment
- Plant Design & Engineering of Industrial Filters.



Email: admin@pecpl.tech
Website: www.pecpl.tech



SURVEY, GEO-TECHNICAL & HYDRO-GEOLOGICAL INVESTIGATION

- Contour & Topographical Survey
- Route Survey
- Pipeline Survey
- High Tension Line Survey
- Engineering Survey
- DGPS Survey
- Satellite Imagery
- Hydrographical Survey
- Tunnel Survey
- Soil Testing
- Geo-technical Studies & Reporting
- Resistivity Survey & Hydro-Geological Investigation
- Pump out & Draw down Tests

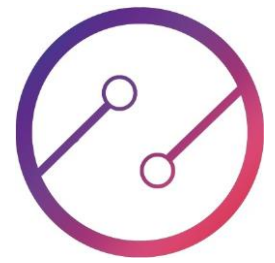
FINANCIAL CONSULTANCY SERVICES

- Financial & Management Consultancy Services for Industrial Projects
- Preparation of Rehabilitation Package under SIC Act 1985 (BIFR)

COLLABORATION ARRANGEMENTS

- Collaboration with School of Earth, Atmospheric and Environmental Sciences, The University of Manchester, U.K for joint execution of surface, ground water & aquifer investigations, arsenic related Project & other Environmental Projects in India & Bangladesh.
- Collaboration with Jadavpur University, Kolkata for general R&T topics in geotechnical field.

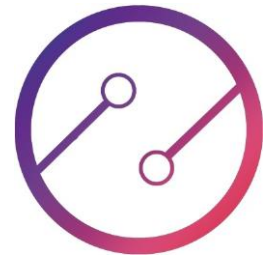




KEY CLIENTS/EMPANELMENT

- Central Ground water board (CGWB)
- Bharat Petroleum Corporation Limited (BPCL)
- Reliance Industries Limited
- Power Grid Corporation (India)Limited, Eastern Regional
- IBP Company Limited
- NHPC Limited.
- NBCC Limited.
- Steel Authority India Ltd.
- HATCH Associates Pvt. Ltd/HATCH Associates PTY Limited, Australia.
- BGS-SGS-SOMA
- Manchester University, UK
- L & T Limited
- Velcan Energy India Pvt. Ltd.
- IRCON International Limited
- Adani Enterprises Ltd.
- Indian Oil Corporation Ltd, Bongaigaon.
- Guwahati Refinery, IOCL.
- SAIL, CET.
- Indian Oil Corporation Ltd. Pipe Line Division, NOIDA ,UP.
- Kavin Engg & Services Pvt. Ltd.-Kamaraj Road
- Indian Oil Corporation Ltd. , LPG Bottling Plant, Durgapur
- Ciel & Terre, India





PECPL RESOURCES

The company is well staffed and well equipped with skilled resources and state of the art instruments that enables us to complete our projects to the highest standards expected by our clients. Some of the resources listed below:

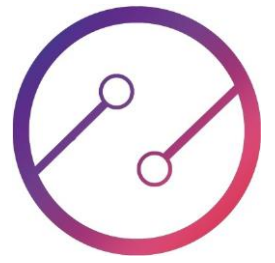
SPECIALISED PERSONNELS

- Chemical, Mechanical, Civil & Electrical Engineers
- Geologists
- Mining Engineers
- Environmental Engineers & Scientist
- Forestry Scientist
- Surveyors
- System Analyst
- Chemists
- Financial Analyst
- Hydrogeologist
- Transmission Line Engineers

SURVEY INSTRUMENTATION

- DGPS
- Electronic Total Station
- Theodolites (1’)
- Theodolites (20’)
- Auto Level
- Engineering Level
- Prismatic Compass
- Clinometer
- Geological Implements
- Clinometer
- Brunton Compass
- Hammer & Chisel
- Measuring Tape
- Magnet & Field Lens
- Weighing Machine
- Petrologic Microscope
- Boring & Drilling Rigs
- Diamond Core Drilling Rigs both Hydraulic &
- Rotary Down The Hole (DTH) Non Core Drilling
- Rigs Power winch with shell for soil boring





GEOTECH INSTRUMENTATION

- Clinometer
- Brunton Compass
- Hammer & Chisel
- Measuring Tape
- Magnet & Field Lens
- Weighing Machine
- Petrologic Microscope

BORING & DRILLING RIGS

- Diamond Core Drilling Rigs both Hydraulic &
- Rotary Down The Hole (DTH) Non Core Drilling
- Rigs Power winch with shell for soil boring

SAMPLING DEVICES

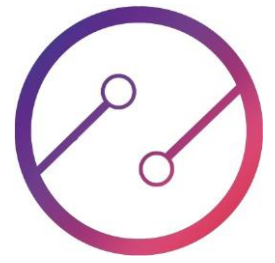
- Core Splitter
- Thin wall samplers
- Split spoon samplers
- Mechanical Sieve Shaker
- Mortar, Pestle and other sampling devices

SOIL, ROCK & CHEMICAL TESTING

- Digital Balances
- X-Ray Fluorescence (XRF)
- Electrical Resistivity Meter
- Standard Penetration Test
- Static Cone Penetriometer (3 -10 ton)
- In-situ Density Meter
- Soil Resistivity Meter
- Plate load Test
- Water Percolation Test (In-situ Permeability Test)

- Weighing Balance
- Hot Air Oven
- Apparatus with accessories for determining Atterburg limit (LL & PL) Triaxial Testing Apparatus
- Dry density & Bulk density
- Accessories including sieve set for grain size distribution.
- Uniaxial Compression Testing Apparatus
- Consolidation Test Apparatus
- Proctor and Rammer for Compaction Test CBR Testing Apparatus.
- Accessories including sieve set for grain





LIST OF TYPICAL PROJECTS COMPLETED

Mining & Geological Projects Table 1

Client

Turnkey Mineral Exploratory Services including Topographical Survey, Geological Mapping, Drilling, Pitting-Trenching, Logging & Sampling, Data Analysis, Reserve Estimation and preparation of Geological Exploration Report for a Tin Mining Project for an area of 15 sq.km in Malkangiri District, Orissa

HAMCO Mining & Smelting Ltd.,
Mumbai

Turnkey Mineral Exploratory Services including Topographical Survey, Geological Mapping, Drilling, Pitting -Trenching, Logging & Sampling, Data Analysis, Reserve Estimation and preparation of Geological Exploration Report for a Tin Mining Project for an area of 5 sq.km in Malkangiri District, Orissa

Orissa Mining Corpn
Bhubaneswar & Reme Pvt. Ltd.,
Kolkata - A joint venture project

Topographical Survey, Geological Investigation, Identification of Pilot wells and other related services for a Coal Bed Methane Project in Burdwan District of West Bengal

Great Eastern Energy Corp. Ltd.,
Kolkata (An Indo-USA Joint Venture Project).

Preparation of Mining Plan as per MCDR for Vishnu Tin Deposit in Malkangiri district, Orissa.

HAMCO Mining & Smelting Ltd.,
Mumbai

Preparation of Mining Plan as per MCDR for a Tin Deposit covering an area of 288.90 Hect. in Malkangiri District, Orissa

Orissa Mining Corpn. Ltd.,
Bhubaneswar & Reme Pvt. Ltd.

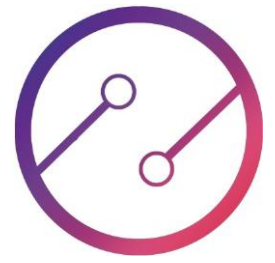
Preparation of Mining Plan as per MCDR for a Tin Deposit covering an area of 200.28 Hect. in Malkangiri District, Orissa

Orissa Mining Corpn. Ltd.,
Bhubaneswar & Reme Pvt. Ltd.,
Kolkata

Preparation of Mining Plan as per MCDR for a Tin Deposit covering an area of 32.65 Hect. in Malkangiri District, Orissa

Orissa Mining Corpn. Ltd.,
Bhubaneswar & Reme Pvt. Ltd





Mining & Geological Projects Table 2

Client

Preparation of Forest Diversion Proposal & Survey for boundary demarcation for exploration of a Copper Ore Deposit for an area of 9 sq. km. in Mayurbhanj District, Orissa

HAMCO Copper Ltd., Mumbai

Techno-Economic Feasibility Study for a Coal Mining Project in Meghalaya

Eastern Mining & Allied Industries Ltd., Shillong

Techno-Economic Feasibility Study for a Tin Mining Project in Malkangiri District, Orissa

REME Pvt. Ltd., Kolkata

Reconnaissance Study for mechanization of Iron Ore Mines in Barbil, Orissa

Essel Mining and Industries Ltd., Kolkata

Overall Planning for Exploration of Tin Bearing Minerals covering an area of 35 sq. km. in Malkangiri District, Orissa.

HAMCO Mining & Smelting Ltd., Mumbai

Geological & Geo-technical Exploration and Preparation of Detail Report to determine the basic design parameter / data of overburden and rock strata for locating and designing of Earth fill dam, Spillway, Intake structure and Diversion Tunnel for Loktak Downstream H.E. Project, Manipur

National Hydroelectric Power Corporation Limited, Manipur

Sub-Soil boring / drilling, Piezometer Installation, collection of disturbed and undisturbed soil sediment and bore water sample. A collaborative Project of Ministry of Science & Technology, Govt. of India and Ministry of Science & Technology, Govt. of France.

Kalyani University

Geological & Geo-technical Investigation work for Hydel Project near Ghoom, Darjeeling, W.B.

Electrosteel Castings Limited

Sub-Soil Boring & Geo-technical Investigation for a food processing unit at Siliguri, W.B.

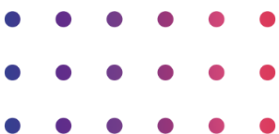
Dristi Sheetal Ghar (P) Ltd.

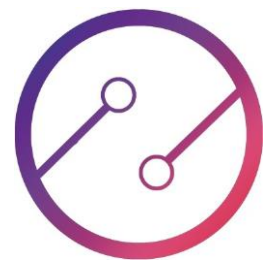
Sub-Soil Exploration for proposed Coke Oven Gas Project at Haldia, West Bengal

Electrosteel Castings Limited

Sub-Soil Exploration, Geological & Geo-technical Investigation at an alternative Site for Coke Oven Gas Project at Haldia, West Bengal

Electrosteel Castings Limited





Mining & Geological Projects Table 3

Client

Core Drilling, Trial Grouting followed by Pump Out Test for Coffe Dam Site at Lower Subansiri H.E.Project, 8 X 250 MW, Dhemaji, Assam for National Hydroelectric Power Corporation Ltd.

BGS – SGS – SOMA JV

Geological and Geo- technical Investigation for Sesseri 3 X 78 MW H.E.Project near Dambuk in Arunachal Pradesh.

Erinco (India) Pvt. Ltd. (A unit of Soma Enterprise Ltd.)

Geological & Geotechnical Investigation for PAUK, H. E. (50 MW) Projects at West Siang District, Arunachal Pradesh including Core Drilling, exploratory Adit Construction, Trenching, In- Situ & Laboratory Testings etc as are required for preparation of DPR.

VELCAN Energy Pvt. Ltd. (A subsidiary of VELCAN Energy, France).

Geotechnical Investigation at Dam Site Area Of Kalai – II 1200 MW HEP on the River Lohit In Arunachal Pradesh for Reliance Power Limited

Larsen & Toubra Ltd. Faridabad

Geotechnical Investigation for 500TPD Iron ore Crushing & Screening Plant, Barbil, Orissa.

KHATAU NARBHERAM & CO (Unit of ATHA group)

Hydro Geological Investigation including Resistivity survey, Geomorphological study, Pump out Tests etc. at Dalli Rajhara as a part of development of Rowghat mines for Bhilai Steel Plant, SAIL

HATCH Associates Pvt. Ltd.

Iron ore characterization, Pilot scale Bench scale test sample collection by pitting, trenching, core drilling, non-core drilling etc. for development of Rowghat Iron ore mine for Bhilai Steel Plant, SAIL.

HATCH Associates Pvt. Ltd.

Geo-Technical Investigation and Topographical Survey for the proposed Gas Compressor Station and other facilities at Makum fields, at Assam for Oil India Ltd.

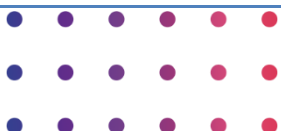
HAL OFFSHORE LTD. MUMBAI

Annual Rate Contract for Soil Investigation and Topographical Survey Guwahati refinery

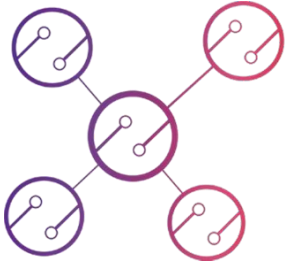
INDIAN OIL CORPORATION LTD. REFINERY DIVISION.

Geo-Technical Investigation Report, Contour Topographical Survey Plan Map for New Tank Truck Loading Facility at IOCI, Bongaigaon Refinery

Kavin Engg & Services Pvt. Ltd.



Email: admin@pecpl.tech
Website: www.pecpl.tech



PECPL

PROJECT ENGINEERING & CONTROLS PVT. LTD.



Get in touch

+91-3324747806

+91-8879521252



admin@pecpl.tech



www.pecpl.tech

Office Location

Project Engineering &
Controls Private Limited
PECPL- India

9 Weston Street
Siddha Weston Unit
215 Kolkata- 700 013