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SYNERGY
Geotech Pvt. Ltd.





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SYNERGY GEOTECH PRIVATE LIMITED was established as GEOTECH-INDIA in 1993. Over the period it has escalated as one of the leading agencies in the field of topographic survey, mineral exploration and mine planning in India. It has developed expertise in undertaking intricate and challenging jobs in terrains ranging from plain lands to hilly to densely forested regions be it in India or abroad. It has successfully completed about 6,75,000 metres of drilling thereby proving approx 6700 million tonnes of various mineral deposits.

SYNERGY has undertaken geological exploration of manganese, limestone, iron ore, chromite, silica sand, kyanite, sillimanite & coal deposits in majority of the potential states. Foreign assignments include a Pre-economic feasibility study report for deep seated coal deposit in Rangpur district of Bangladesh, Geological Reconnaissance of Iron ore deposits in Democratic Republic of Congo, Chromite deposits of Turkey, Rock Phosphate deposits of Nigeria, Viability of Crushing Units in UAE and Coal deposits of Indonesia.

SYNERGY always looks forward to providing its prestigious clients with integrated multidisciplinary geological/mining and exploration services with more zeal, dedication & value addition.

SYNERGY is well equipped with latest, modern and sophisticated survey instruments, standard Geological and Mining softwares, a fleet of drilling machines and also several heavy earth moving machineries. **SYNERGY** has a team of highly experienced & qualified surveyors, geologists, drilling personnel & mining engineers who have necessary expertise for offering technical consultancy services to meet the requirements of the Indian mining industry.

TOPOGRAPHIC SURVEY

- ✦ Topographic survey using DGPS and Total Station Theodolite.
- ✦ Survey, quantitative and qualitative assessment of ore-stacks and mineralized dumps.
- ✦ Up-dating of survey plans of mines as per MMR 1961.
- ✦ Survey of Highways & Bridges as per specification 19 of Indian Road Congress.

GEOLOGICAL SERVICES

- ✦ Geological reconnaissance and preparation of Preliminary Geological Appraisal reports.
- ✦ Formulation of scheme of detailed exploration including logging and sampling of borehole cores and processing & evaluation of exploratory data on computer.
- ✦ Preparation of Detailed Exploration Report.
- ✦ Computer Aided Deposit Evaluation (CADE) using geological software for preparation of sections, slice plans, estimation of reserves etc.
- ✦ Bulk sampling and evaluation of mineralized dumps.

DRILLING SERVICES

- ✦ Conventional Diamond drilling.
- ✦ Wire-line Exploratory Diamond drilling; especially for deep-seated deposits like Coal, Zinc, etc.

DATA PROCESSING

- ✦ Processing of exploratory data on computer & preparation of 3-D block model of deposits.
- ✦ Qualitative & quantitative optimization of the deposits with the help of geological & mining softwares.

MINING SERVICES

- ✦ Preparation of Mining Plan & Mining Scheme including Progressive Mine Closure Plan.
- ✦ Preparation of Techno-economic feasibility reports for both opencast and underground mines.
- ✦ Financial evaluation of mining projects.
- ✦ Deployment of heavy earth moving mining machineries which can handle up-to 8.0 lacs CuM of earthwork per annum.



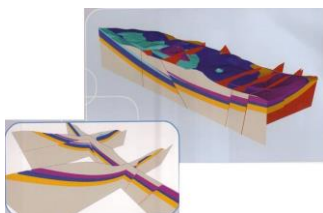
SURVEY INSTRUMENTS

DGPS	-	Leica GPS 900 System	1 No.
		Sokkia GRX-2	1 No.
Total Station Theodolites	-	Leica /Sokkia	3 Nos.
Hand GPS-		Garmin	6 Nos.

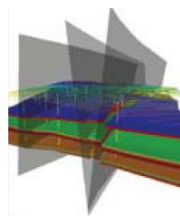


GEOLOGICAL SOFTWARE

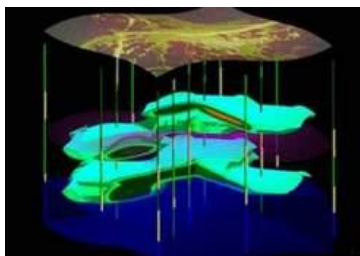
Computer Aided Deposit Evaluation (CADE) using geological software for preparation of sections, slice plans, estimation of reserves etc.



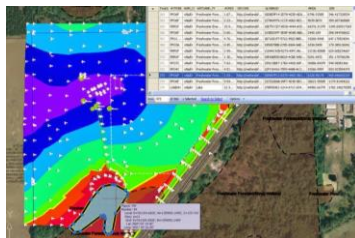
Datamine Studio 3 - 2 Licenses



Gemcom Minex - 1 License



Rockworks



Autodesk AutoCAD Civil 3D

✚ DRILLING MACHINES

Conventional:

Name	Make	Capacity	Nos.
VOL-90	Voltas-India Ltd	200 M	14
LONGYEAR-35	Long Year Machines Ltd	225 M	04
L & T-44	Larsen & Toubro Ltd	600 M	01
VOL-180	Voltas-India Ltd	600 M	11
JOY 22SD	Joy India Ltd	350 M	01
G D 42S	Greaves	450 M	04
VOL-Drill 300	Voltas-India Ltd	900 M	05
KME 600	Kores-India Ltd	600 M	03
Total Rigs			43

Gen-next Deep Hole Drilling Machines:

Name	Make	Capacity	Nos.
KDR 600	Kores-India Ltd	600 M	01
KDR 1000	Kores-India Ltd	1000 M	01
DE 710	Sandvik	1100 M	01
Total Rigs			03

UDR
DE710



KDR 600

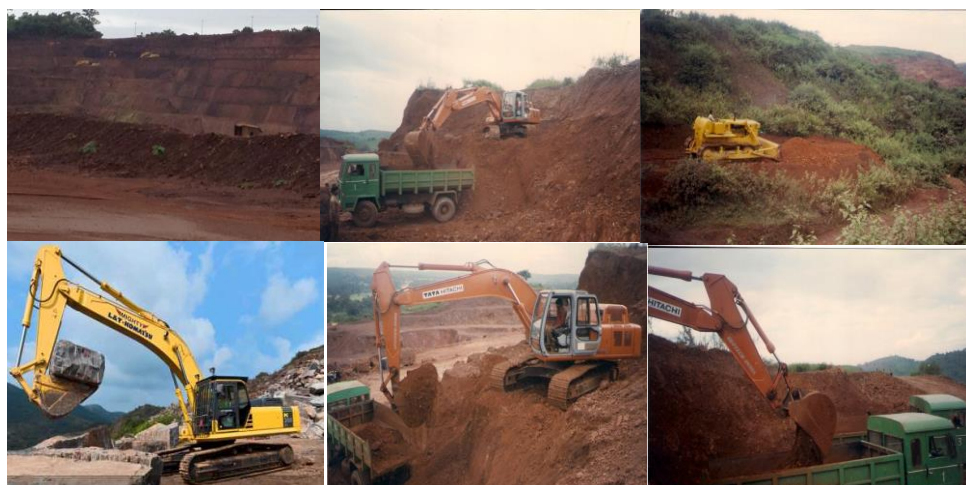




HEAVY EARTH MOVING MACHINERIES

L & T Komatsu PC-300 LC	4 Nos.	Vibratory Roller	1 No.
AMW Dumpers 20 Tonnes	6 Nos.	Payloader HM-2021 & 73.71	2 Nos.
Ashok Leyland (Hyra) 20 Tonnes	5 Nos.	Escorts JCB Loader 430 Z	2 Nos.
Hydraulic Excavators Tata-Hitachi Ex-210	4 Nos.	Diesel Driven Welding Generator (Advani) PF-350	1 No.
Hydraulic Excavators Tata-Hitachi Ex-350	2 Nos.	Electric Generator 5-5 KVA	1 No.
Buldozer BEML D80 A-12	2 Nos.	Water Tanker 10000 Ltrs.	2 Nos.
Air Compressor VT-6 Atlas Copco	1 No.	Trailor Ashok Leyland	1 No.
Air Compressor XAH-210 Atlas Copco	1 No.	Tata Tippers 36 BHP-10 Tonnes	15 Nos.
Wagon Drill BVB-25	1 No.	Ashok Leyland Tippers Comet	5 Nos.
Wagon Drill BVB-15	1 No.	Tractor Mahindra & Mahindra	4 No.
Diesel Bouser (6000 ltrs capacity)	3 Nos.	Jeeps Mahindra & Mahindra	4 Nos.

MINING PROJECTS - AT A GLANCE



TOPOGRAPHIC SURVEY

Deposit	Area	Location	Client
NATIONAL PROJECTS			
Coal	1.00 sq. km.	Khasi Hills, Meghalaya	DMR, Government of Meghalaya
	31.20 sq km	Talcher, Orissa	M/s Naresh Kumar & Co. Pvt. Ltd.
	27.00 sq km	Parsa Block, Korba, CG	M/s Adani Exports Limited
	23.70 sq km	Morga Block-II, Korba, CG	M/s GMDCL Limited
	20.00 sq km	Morga South Block, CG	M/s CMPDIL (JV)
	18.80 sq km	Patratu, Jharkhand	M/s CMPDI (JV)
	18.00 sq km	Dhadu East Block, Latehar, Jharkhand	M/s South West Pinnacle Exploration Private Limited
	18.00 sq km	Phatehpur –B Block, Korba, CG	M/s CMPDIL (MoU: M/s South West Pinnacle)
	15.20 sq km	Naheariya-Dhankasa, Chhindwara, M.P.	M/s CMPDIL (MoU : M/s MAPL)
	14.00 sq km	Bishtupur South UG, WB	M/s CMPDIL (JV)
	13.86 sq km	Raigarh, CG	M/s Jindal Power Limited
	12.84 sq km	Pench Kanhan, M.P.	M/s CMPDIL (JV)
	11.97 sq km	Badam Dip Side Block, N. Karanpura, Jharkhand	M/s CMPDIL (MoU with M/s MAPL)
	11.30 sq km	Phatehpur –C Block, Korba, CG	M/s CMPDIL (MoU: M/s APC Drilling Pvt. Ltd.)
	11.30 sq km	Gondkhairi, Maharashtra	M/s Adani Power Maharashtra Ltd.
	11.25 sq km	Kayada Block, Jharkhand	M/s CMPDIL (JV)
Limestone	9.00 sq km	Gondkhairi, Maharashtra	M/s Samlok Industries Pvt. Ltd.
	6.00 sq. km.	Gadarwada, Madhya Pradesh	M/s Boulder Stone Mart Pvt. Ltd.
	34.50 sq km	Bhavnagar, Gujarat	M/s Nirma Limited
	25.88 sq km	Satna, M.P.	M/s Prism Cement Limited
	14.50 sq km	Pali & Jodhpur, Rajasthan	M/s Siddhi Vinayak Cement Private Ltd.
	12.47 sq km	Patharia, Damoh, M.P.	M/s Diamond Cements
	11.00 sq km	Bundi, Rajasthan	M/s ABG Cement Limited
	8.95 sq km	Satna, M.P.	M/s Dalmia Cement (Bharat) Limited
	8.94 sq km	Patharia, Damoh, M.P.	M/s Diamond Cements,
	8.35 sq km	Yavatmal, Maharashtra	M/s Prudential Cement Limited
	7.26 sq km	Satna , M.P.	M/s Jaiprakash Associates Limited
	4.85 sq km	Gulbarga, Karnataka	M/s Rajashree Cement Works (UTCL)
Dolomite	3.95 sq km	Baloda Bazar, Raipur, CG	M/s Emami Cement Limited
	5.0332 sq km	Chittapur, Karnataka	M/s JSW Cement Ltd.
Lignite	10.90 sq km	Rishikola, Sikkim	M/s Tata Steel Limited
	2.21 sq km	Dhar, M.P.	M/s Selwel Mineral Private Limited
Lease Demarcation Survey		Gulbarga, Karnataka	M/s Rajashree Cement Works (UTCL)
Iron ore	20.50 sq km	Gadchiroli, MS	M/s Ispat Industries Limited
	5.15 sq km	Hahaladdi, Kanker, CG	M/s Ind Synergy Limited
	4.26 sq km	Balod, CG	M/s Godawari Power & Ispat Limited
	1.54 sq km	Niwari, Madhya Pradesh	M/s Pacific Iron Manufacturing Ltd.
	0.3605 sq km	Katni, Madhya Pradesh	M/s Pacific Exports
	0.726 sq km	Fuser, Gadchiroli, Maharashtra	M/s Shiva Mahakal Mines & Minerals
Drone	0.650 sq km	Korchi, Gadchiroli, Maharashtra	M/s Pawanputra Coal Logistics Pvt. Ltd.
	6.00 sq. km.	Gadarwada, Madhya Pradesh	M/s Boulder Stone Mart Pvt. Ltd.

Survey	11.00 sq km	Gondkhairi, Maharashtra	M/s Samlok Industries Pvt. Ltd.
DGPS Boundary Survey	Dagota, Jaipur, Rajasthan		M/s Jaipur Mineral Development Syndicate Pvt. Ltd.
	Ghewaria & Chainpura, Bhilwara, Rajasthan		M/s Udaipur Mineral Development Syndicate Pvt. Ltd.
Phosphate	8.09 sq km	Chhatarpur, M.P.	M/s Sarthak Industries Limited
Plant Layout Survey	Tumkur (KN), Damoh (M.P.), Jhansi (U.P.)		M/s Mysore Cements
	Korpana, Chandrapur, Maharashtra		M/s Murli Agro Products Limited
Road Survey	10.00 km	Grasim Plant to UTCL, Hirni, CG	M/s Rawan Cement Works (UTCL)
	5.50 km	Approach Road- Kukurdih Mines	
Conveyor Survey	13.50 km	Kukurdih and Guma (CG)	
Manganese	105 Hectares	Manegaon, Ramtek , Maharashtra	M/s Shanti GD Ispat & Power Pvt. Ltd.
Data Collection		Amethi, (U.P)	M/s Prathamesh Consultants
Field Profiling Survey for 2D Seismic Survey		Gondkhairi, Maharashtra	M/s Adani Power Maharashtra Ltd.
132Kv Transmission Line Alignment		Surajpur, Chhattisgarh	M/s Shreeram Gemicon Pvt. Ltd.
Boundary Demarcation Survey		Malkhed, Karnataka	M/s Star Cement Limited
INTERNATIONAL PROJECTS			
Coal	13.50 sq km	Rangpur, Bangladesh	M/s Hosaf International, Dhaka
	1.00 sq km	Bonehau, Mamuju, West Sulawesi, Indonesia	PT Amur Ayustina Energy, Makassar, South Sulawesi, Indonesia
Rock Phosphate	5.39 sq km	Igbokoto, State Ogun, Nigeria	M/s Continental Minerals Company Limited, Nigeria

GEOLOGICAL RECONNAISSANCE / PRELIMINARY GEOLOGICAL APPRAISAL

Project	Location	Client
NATIONAL PROJECTS		
Geological reconnaissance to delineate potential limestone blocks in 1256 sq km	Suli, Himachal Pradesh	M/s Gujarat Ambuja Cements Limited
Prospecting of Dolomite	Rishikola, Sikkim	M/s Tata Steel Limited
Geological reconnaissance & potentiality of limestone mine	Reddypalayam, Ariyalur, Tiruchirapalli, Tamil Nadu	M/s Larsen & Toubro Limited
Geological assessment & baseline environmental quality	Wantem Iron Ore Mine, Goa	M/s Resources International
Preliminary geological appraisal of manganese area	Waghoda, Sausar, M.P.	M/s Impex Ferro Tech Limited
Geological reconnaissance of Iron ore deposit	Joga, Bellary, Karnataka	M/s Sanvijay Rolling & Engineering Limited
Report on survey and assessment of limestone mines	Babarkot Amreli, Gujarat	M/s Narmada Cement Company Limited
Report to ascertain quality and depth of limestone	Naokari & Kusumbi mining lease area	M/s Manikgarh Cement
Geological reconnaissance and potentiality of limestone & dolomite	Adegaon, Yavatmal, Maharashtra	Smt. Deepali Gundewar
Geological reconnaissance & potentiality of limestone deposit	Tiruchirapalli, Tamil Nadu	M/s Dharni Cement Limited

			
Preliminary geological appraisal of manganese mines	Balaghat, M.P.	M/s J.A. Trivedi & Bros.	
Preliminary geological feasibility and potentiality of mineral deposits	Several PL/ML areas, Maharashtra	M/s Engineering & Metallurgical Consultants,	
Preliminary geological feasibility and potentiality of mineral deposits	Several PL/ML areas, Maharashtra	M/s Monnet Ispat Limited	
Preliminary geological feasibility and potentiality of mineral deposits	Gadchiroli and Sindhudurg, Maharashtra	M/s Uttam Galva & Steels Limited	
Preliminary geological appraisal of Iron Ore	Gadchiroli, Maharashtra	M/s Ispat Industries Limited	
Geological reconnaissance of Iron Ore deposit	Raika, West Singhbhum, Jharkhand	M/s Ispat Industries Limited	
INTERNATIONAL PROJECTS			
Geological Reconnaissance - Iron Ore	Mt. Mbomo, DR of Congo	M/s Spice Energy Private Limited Gurgaon	
Geological Reconnaissance - Chromite	Turkey	M/s Power Mining, Istanbul, Turkey	
Geological Reconnaissance - Coal	PT Alfara Delta Persada, East Kalimantan, Indonesia	M/s Andaru Resources Limited	
			

DIAMOND DRILLING FOR MINERAL DEPOSITS

Meterage	Deposit	Location	Client
NATIONAL PROJECTS			
27,000	Limestone	Kovaya, Gujarat	M/s Larsen & Toubro Limited
21,000		Awarpur, Chandrapur, MS	M/s Larsen & Toubro Limited
16,000		Sitapuram, Telangana	M/s Zuari Cement (Heidelberg Cement)
16,000		Nimbahera, Rajasthan	M/s J K Cement Limited
11,000		Gulbarga, Karnataka	M/s Rajashree Cement Works (UTCL)
10,500		Gadivemula Mandal, Kurnool, A.P	M/s JSW Cement Limited
9,500 & 660		Halki & Muddapur, Karnataka	M/s J. K. Cement Limited
8,000		Guma & Kukurdih Mines, Raipur	M/s Rawan Cement Works (UTCL)
7250 & 1120		Baloda Bazar, Chhattisgarh	M/s Ambuja Cement Limited
6,000		Baloda Bazar, Chhattisgarh	M/s Shree Cement Limited
6,000		Tadipatri, Andhra Pradesh	M/s UltraTech Cement Limited
5,900 & 5,800		Maratha Mines, Chandrapur, MS	M/s Ambuja Cement Limited
5,800		Lakhamapur, Chandrapur, MS.	M/s Ambuja Cement Limited
5,500		Babarkot mine, Amreli, Gujarat	M/s Narmada Cement Company Limited
5,400		Chandrapur, MS	M/s Karamchand Thapar & Bros Limited
5,000		Pali, Rajasthan	M/s Ambuja Cement Limited

5,000 & 4,500	Limestone	Hirmi Raipur, CG	M/s UltraTech Cement Limited
4800		Dalla, Uttar Pradesh	M/s UltraTech Cement Limited
4,000, 3,400 & 1100 & 2360		Tadipatri, A.P.	M/s UltraTech Cement Limited
4,000		Baloda Bazar, Chhattisgarh	M/s Emami Cement Limited
4,000		Chittorgarh, Rajasthan	M/s UltraTech Cement Limited
3,500		Budawada, Andhra Pradesh	M/s Balaji Cement Works (UTCL)
3,500		Gagal, Himachal Pradesh	M/s ACC Limited
3,500 & 2,000		Satna, Madhya Pradesh	M/s Birla Corporation Limited
3,290		Lumshnong, Meghalaya	M/s Dalmia (Bharat) Cement Limited
3,200 & 1,500		Tadipatri, Andhra Pradesh	M/s UltraTech Cement Limited
3,100		Kesla Block, Raipur, CG	M/s Century Cement
3,000		Rawan, Chhattisgarh	M/s UltraTech Cement Limited
3,000		Yerraguntla, Andhra Pradesh	M/s Zuari Cement (Heidelberg Cement)
3,000		Chilhati, Chhattisgarh	M/s ACC Limited
3,000		Banswara, Rajasthan	M/s Wonder Marble LLP
3,000 & 1000		Awarpur, Chandrapur, MS.	M/s UltraTech Cement Limited
2,600		Naokari Village, Chandrapur, MS	M/s Manikgarh Cement
2,600		Pali, Rajasthan	M/s UltraTech Cement Limited
2,500		Kodur, Cuddapah, A.P.	M/s Zuari Cement Limited
2,500		Patharia, Damoh, M.P.	M/s Diamond Cements
2,500		Jaggayyapet, Krishna, A.P.	M/s Madras Cement Limited
2,500		Kutch, Gujarat	M/s UltraTech Cement Limited
2,300		Belgaum, Karnataka	M/s Dalmia (Bharat) Cement Limited
2,000		Maihar. Satna, M. P.	M/s KJS Cement Limited
2,000		Janardanpur, Satna M.P.	M/s Dalmia (Bharat) Cement Limited
2,000		Kaimur, M.P.	M/s ACC Limited
2,000		Kesla-Bhilauni Janjgir-Champa, CG	M/s Shanti G D Ispat & Power Pvt. Ltd.
2,000		Maihar, Madhya Pradesh	M/s UltraTech Cement Limited
2,000		Maihar, Madhya Pradesh	M/s RCCPL Private Limited
2,000		Kalaburagi, Karnataka	M/s Gulbarga Cement Limited
1,900		Kutch, Gujarat	M/s ABG Cement Limited
1,500		Pali Dist., Rajasthan	M/s Quick Setting Cement Pvt. Ltd.
1,500		Dachhepalli, Guntur A.P.	M/s GVP Infra Projects Private Limited
1,500		Gulbarga, Karnataka	M/s Vasavadatta Cement Works
1,500		Pali & Jodhpur, Rajasthan	M/s Siddhi Vinayak Cement Pvt. Ltd.
1,500		Baga, Himachal Pradesh	M/s UltraTech Cement Limited
1,200		Jamuna nagar, Assam	M/s Vinay Cement Limited
1,200		Jodhpur, Rajasthan	M/s UltraTech Cement Limited
1,100		Katni, Madhya Pradesh	M/s Sanghi Infrastructure MP Limited
1,100		Wadi, Gulbarga, Karnataka	M/s ACC Limited
1,052		Lumshnong, Meghalaya	M/s Dalmia (Bharat) Cement Limited
1,000		Gulbarga, Karnataka	M/s Zuari Cement (Heidelberg Cement)
1,000		Katni, Madhya Pradesh	M/s J. K. Cement Limited
1,000		Durg, Chhattisgarh	M/s J. K. Lakshmi Cement Limited
1,000		Rohtas, Bihar	M/s Dalmia Cement(Bharat) Ltd
600	Iron Ore	Malkhed, Karnataka	M/s Star Cement Limited
9,500		Suktodi, Goa	M/s Panduronga Timblo Industries
9,000		Redi Mines in Goa	M/s Infrastructure Logistic Pvt. Ltd.

6,500	Iron Ore	Goa	M/s Resources International
4,000		Thakurani & Gawali mines, Orissa	M/s Sesa Goa Limited
4,000		Ramanadurga Iron Ore Mine, Karnataka	M/s Sri Kumaraswamy Mineral Exports Pvt. Ltd.
3,500		Goa & Karnataka	M/s Sociedade-da-Fomento
2,500		Barazan mines in Goa	M/s Salgaocar Mining Industries
2,000		Velguem, Surla Mines, Goa	M/s V. M. Salgaokar & Brother Pvt. Ltd
1,500		Katni, Madhya Pradesh	M/s Pacific Exports
1,000		Sondenahalli, Karnataka	M/s Tumkur Mineral Private Limited
1,000		Cudnem, Bicholim, Goa	M/s Goa Minerals Private Limited
1,51,200		Coal	Patratu A/B/C UG, Jharkhand
49,500	Morga South Block, Korba, CG		
45,000	Eastern part of Chhattisgarh		M/s MECL (JV)
44,000	Bishtupur South UG, West Bengal		M/s CMPDIL (JV)
30,000	Raigarh, Chhattisgarh		M/s MECL (JV)
13,831	Phatehpur –B Block, Korba, CG		M/s South West Pinnacle Exploration P. Ltd.
10,000	Tadicherla Block-1, Telangana		M/s S & S Geological Consultants
9,547	Phatehpur –C Block, Korba, CG		M/s CMPDI (MoU : M/s APC)
6,000 & 4000	Kothre Basantpur, Jharkhand		M/s Naresh Kumar & Co. Pvt. Ltd.
5,000	Gomia-Saram Block, Jharkhand		
3,000	Bicharpur, Shahdol, M.P.		
3,000	Gadarwada, Madhya Pradesh		M/s Boulder Stone Mart Pvt. Ltd.
3000 & 1200	Lum Shilliang, West Khasi Hills, Meghalaya		Directorate of Mineral Resources, Shillong, Meghalaya
2,520	Shahdol, Madhya Pradesh		M/s UltraTech Cement Limited
2,500	Bicharpur, Shahdol, M.P.		M/s Joy Mining Services (India) Pvt. Ltd.
1500	Nared-Malegaun, Maharashtra		M/s S & S Geological Consultants
6,000	Potash	Hanumangarh District, Rajasthan	M/s Geological Survey of India
1,800		Hanumangarh District, Rajasthan	M/s MECL
5,760	Dam	KRS Dam, Mysore, Karnataka	M/s Ferro-Concrete Const. (India) P. Ltd.
4,000	Tunnel	Chhindwara, Madhya Pradesh	M/s MNEC MKS (JV)
3,400	Manganese	Balaghat, M.P. & Bhandara, MS	M/s Trivedi Bros. & M/s Rai & Co.
700	China Clay	West Singhbhum, Jharkhand	M/s Mangilall Rungta Limited
10,000	Geotechnical Work	Coimbatore, Tamil Nadu	M/s Pavai Infra Geotech
INTERNATIONAL PROJECTS			
7,000	Coal	Khalashpir, Rangpur, Bangladesh	M/s Hosaf International, Dhaka
2,800		Songea, Ruvuma, Tanzania	M/s Dibico Minerals Ltd.
180		Mhepai, Ruvuma, Tanzania	M/s SLN Mining
2,200		Ruanda, Mbinga, Tanzania	M/s Market Insight Ltd. Coal
2,500		Songea, Ruvuma, Tanzania	M/s Karibu Minerals Ltd.
2,100		Litumbandyosi, Mbinga, Tanzania	
1,200		Liyombo, Mbinga, Tanzania	
ONGOING PROJECTS NATIONAL			
24,000	Limestone	Yadwad, Belgaum, Karnataka	M/s Dalmia Cement (Bharat) Ltd
8,000		Chandrapur, Maharashtra	M/s Dalmia Cement (Bharat) Ltd
5,000		Chittapur, Karnataka	M/s JSW Cement Ltd.
2,000	Iron Ore	Korchi, Gadchiroli, Maharashtra	M/s Pawanputra Coal Logistics Pvt. Ltd.

2,000	Iron Ore	Fuser, Gadchiroli, Maharashtra	Shiva Mahakal Mines & Minerals
			

DETAILED EXPLORATION REPORTS

Deposit	Location	Client
NATIONAL PROJECTS		
Limestone	Patharia, Damoh M.P.	M/s Diamond Cements
	Hirmi Cement Works, Raipur, CG	M/s Hirmi Cement Works (UTCL)
	Kodur, Cuddapah, A.P.	M/s Zuari Cement Limited
	Adegaon mines, Yavatmal, MS	M/s VRG Collieries Private Limited
	Naranda, Chandrapur, MS	M/s Karamchand Thapar & Bros. Limited
	Adityanagar, Gulbarga, Karnataka	M/s Rajashree Cement Works (UTCL)
	Sedam, Gulbarga, Karnataka	M/s Vasavadatta Cement
	Tadipatri, Andhra Pradesh	M/s Andhra Pradesh Cement Works (UTCL)
	Bundi, Rajasthan	M/s ABG Cement Limited
	Janardanpur, Satna, M.P.	M/s Dalmia Cement (Bharat) Limited
	Dachepalli, Guntur, A.P.	M/s Emami Cement Limited
	Tadipatri, Andhra Pradesh	M/s Andhra Pradesh Cement Works (UTCL)
	Pali, Rajasthan	M/s Siddhi Vinayak Cement Private Limited
	Baloda Bazar, Chhattisgarh	M/s Emami Cement Limited
	Awarpur, Chandrapur, MS.	M/s UltraTech Cement Limited
	Baloda Bazar, Chhattisgarh	M/s Shree Cement Limited
	Kesla-Bhilauni, Janjgir-Champa, CG	M/s Shanti G D Ispat & Power Pvt. Ltd.
	Kesla Block, Raipur, CG	M/s Century Cement
	Pali & Jodhpur, Rajasthan	M/s Quick Setting Cement Private Limited
	Yerraguntla, Andhra Pradesh	M/s Zuari Cement(Heidelberg Cement Group)
	Sitapuram, Telangana	M/s Zuari Cement (Heidelberg Cement Group)
	Lumshnong, Meghalaya	M/s Dalmia (Bharat) Cement Limited
	Chittorgarh, Rajasthan	M/s J. K. Cement Limited
	Baloda Bazar, Chhattisgarh	M/s Ambuja Cement Limited
	Ferozabad Limestone Mine, Gulbarga, KN	M/s Gulbarga Cement Ltd (Heidelberg Cement)
Iron ore	Rasoli, Kanker, CG	M/s Navbharat Fuse Company Limited
	Hahaladdi, Bhanupratappur, Kanker, CG	M/s Ind Synergy Limited
	Katni, Madhya Pradesh	M/s Pacific Exports
Silica Sand	Chinder, Sindhudurg, MS	M/s Trident Industries
Kyanite	Nawargaon – Chowa, Bhandara, MS	M/s Maharashtra State Mining Corporation
	Jamgaon, Bhandara, MS	M/s Maharashtra State Mining Corporation
Silliminite	Gadpendri, Bhandara, MS	M/s Maharashtra State Mining Corporation
Flourite	Dongargaon, Chandrapur, MS	M/s Maharashtra State Mining Corporation
Graphite	Gauthana Graphite Block, Betul, M.P.	M/s Team Geo Resources Pvt Ltd
Coal	Bicharpur Block, Shahdol, M.P.	M/s Naresh Kumar & Company Private Limited
	Patratu A/B/C UG, Jharkhand	M/s CMPDIL (JV)

	Phatehpur-C, Korba, CG	M/s CMPDIL (MoU : M/s APC)
	Badam Dip Side Block, Jharkhand	M/s CMPDIL (MoU : M/s MAPL)
	Lum Shilliang, West Khasi Hills, Meghalaya	Directorate of Mineral Resources, Shillong, Meghalaya
	Naheariya-Dhankasa, Chhindwara, M.P.	M/s CMPDIL (MoU : M/s MAPL)
	Jamui Coal Block, Shahdol, M.P.	M/s APC Drilling & Construction Pvt. Ltd.
	Penganga Deep Block, Chandrapur, MH	M/s Mapp Drilling & Exploration Pvt. Ltd.
	Dharmaband Coal Block, Jharkhand	M/s South West Pinnacle Exploration Limited
	Lum Shilliang, West Khasi Hills, Meghalaya	Directorate of Mineral Resources, Shillong, Meghalaya
	Gadarwada, Madhya Pradesh	M/s Boulder Stone Mart Pvt. Ltd.
INTERNATIONAL PROJECTS		
Coal	Khalaspir Rangpur, Bangladesh	M/s Hosaf International Limited, Bangladesh
	Moatize, Mozambique	M/s Gremach Infrastructure Private Limited, Mumbai
	Bonehau, Mamuju, West Sulawesi, Indonesia	PT Amur Ayustina Energy, Makassar, South Sulawesi, Indonesia
	Central Kalimantan, Indonesia	Ms/ Sunrise Asia Mines & Minerals PTE Ltd.
	Ruanda, Mbinga, Tanzania	M/s Market Insight Ltd. Coal
	Songea, Ruvuma, Tanzania	M/s Karibu Minerals Ltd.
	Liyombo, Mbinga, Tanzania	
Rock Phosphate	Igbokoto village, State Ogun, Nigeria	M/s Continental Minerals Company Limited, Nigeria.
Limestone	Oman (Musandam)	M/s Bramco
	UAE (Ras-Al-Khaimah)	M/s Navin Overseas (Nirma) Limited
ONGOING PROJECTS NATIONAL		
Limestone	Kalaburagi, Karnataka	M/s Gulbarga Cement Limited
Iron Ore	Korchi, Gadchiroli, Maharashtra	M/s Pawanputra Coal Logistics Pvt. Ltd.
	Fuser, Gadchiroli, Maharashtra	Shiva Mahakal Mines & Minerals
Graphite	Golighat Graphite Block, Betul, M.P.	M/s Team Geo Resources Pvt Ltd

DATABASE MODELING PROJECTS

Project	Location	Client
COMPLETED PROJECTS NATIONAL		
Limestone	Bundi, Rajasthan	M/s ABG Cement Limited
	Lumshnong, Meghalaya	M/s Adhunik Cement Limited
	Janardanpur, Satna, M.P.	M/s Dalmia Cement (Bharat) Limited
	Dachepalli, Guntur, A.P.	M/s Emami Cement Limited
	Baloda Bazar, Chhattisgarh	
	Amreli, Gujarat	M/s Heidelberg Cement India Limited
	Chandrapur, MS.	M/s Awarpur Cement Works (UTCL)
	Baloda Bazar, Chhattisgarh	M/s Shree Cement Limited
	Pali, Rajasthan – Sinla and Digarna Leases	M/s Siddhi Vinayak Cement Pvt. Limited
	Adityanagar, Gulbarga, Karnataka (2 Projects)	M/s Rajashree Cement Works (UTCL)
	Tummalapenta- Pits I, II, III & IV, Tadipatri, A.P.	M/s Andhra Pradesh Cement Works (UTCL)
	Petnikota N & S, Guruvanipalli, Tadipatri, A.P.	
	Petnikota, Tadipatri, A.P.	
	Sedam, Gulbarga, Karnataka	M/s Vasavadatta Cement
	Kodur, Cuddapah, A.P.	M/s Zuari Cement Limited
	Yerraguntla, Andhra Pradesh	M/s Zuari Cement (Heidelberg Cement)

Limestone	Sitapuram, Telangana	M/s Zuari Cement (Heidelberg Cement)
	Chittorgarh, Rajasthan	M/s J. K. Cement Limited
	Baloda Bazar, Chhattisgarh	M/s Ambuja Cement Limited
Coal	Badam Dip Side Block, North Karanpura, Jharkhand	M/s CMPDIL (MoU : M/s MAPL)
	Patratu A/B/C UG, Jharkhand	M/s CMPDIL (JV)
	Mahuamilan, Jharkhand	M/s South West Pinnacle Expl. Pvt. Ltd.
	Ambara Sukri, Pench-Kanhan, M.P.	M/s CMPDIL (JV)
	Phatehpur-C, Korba, CG	M/s CMPDIL (MoU : M/s APC)
	Naheariya-Dhankasa, Chhindwara, M.P.	M/s CMPDIL (MoU : M/s MAPL)
	Jamui Coal Block, Shahdol, Madhya Pradesh	M/s APC Drilling & Construction Pvt. Ltd.
	Penganga Deep Block, Chandrapur, Maharashtra	M/s Mapp Drilling & Exploration Pvt. Ltd.
	Dolesra, Mand Raigarh Coalfield. Chhattisgarh	M/s South West Pinnacle Exploration Limited
	Lum Shilliang, West Khasi Hills, Meghalaya	Directorate of Mineral Resources, Shillong, Meghalaya
	Gadarwada, Madhya Pradesh	M/s Boulder Stone Mart Pvt. Ltd.
Graphite	Gauthana Graphite Block, Betul, M.P.	M/s Team Geo Resources Pvt Ltd
COMPLETED PROJECTS INTERNATIONAL		
Coal	Khalaspir Rangpur, Bangladesh	M/s Hosaf International Limited, Bangladesh
	Moatize, Mozambique	M/s Gremach Infrastructure Private Limited, Mumbai
	Bonehau, Mamuju, West Sulawesi, Indonesia	PT Amur Ayustina Energy, Makassar, South Sulawesi, Indonesia
	Moatize, Mozambique	M/s Sunrise Mining Limitada
	Ruanda, Tanzania	M/s Market Insight Ltd. Coal
Limestone	Oman (Musandam)	M/s Bramco
	UAE (Ras-Al-Khaimah)	M/s Navin Overseas (Nirma) Limited
ONGOING PROJECTS NATIONAL		
Graphite	Golighat Graphite Block, Betul, M.P.	M/s Team Geo Resources Pvt Ltd
Copper	Khetri Copper Mine, Banwas, RJ	M/s South West Pinnacle Exploration Ltd.
Iron Ore	Korchi, Gadchiroli, Maharashtra	M/s Pawanputra Coal Logistics Pvt. Ltd.
	Fuser, Gadchiroli, Maharashtra	Shiva Mahakal Mines & Minerals
ONGOING PROJECTS INTERNATIONAL		
Coal	Liyombo, Ruvuma, Tanzania	M/s Karibu Minerals Ltd.
	Central Kalimantan, Indonesia	M/s Sunrise Asia Mines & Minerals PTE Ltd

SOIL TESTING & FOUNDATION ENGINEERING STUDIES

Project	Location
Drilling & grouting of 45 exploratory holes for foundation treatment of over-bridges	Adilabad city (A.P.)
1,200 ms. of Investigative Drilling including soil testing, conducting Standard Penetration Test (SPT) for proposed power plant	Bhadravati in Chandrapur, Maharashtra
Investigative drilling & soil testing for Fly-over	National Highway No. 7 at Nagpur
Report on Foundation Investigations for High Level Bridge across Veenvaka Vagu for Roads & Building Department, Govt. of A.P.	Karimnagar, Andhra Pradesh

MINING PLAN/ MINING SCHEME

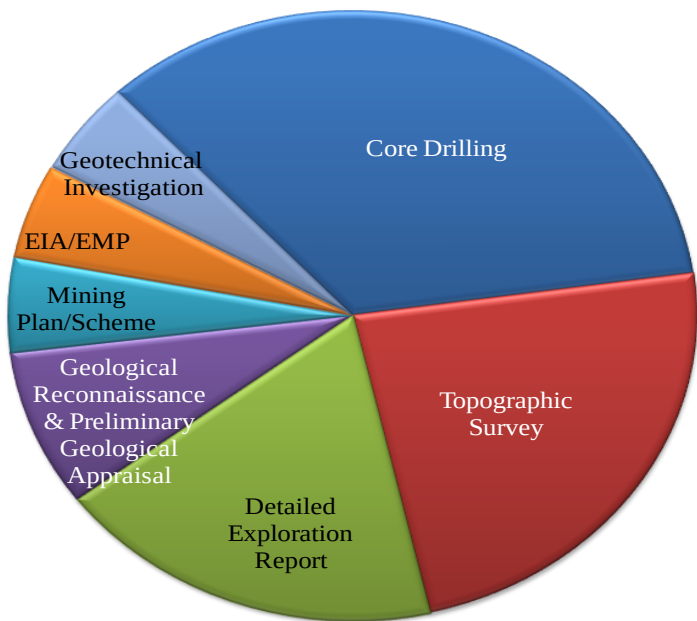
Deposit	Location	Client
Mining Plan of Naranda Limestone Mine	Chandrapur, MS	M/s Karamchand Thapar & Bros. (C.S.) Limited
Mining Plan of Nandi Agate Mine	Jalna, MS	Shri Sunil Ramsing Bilawar, Aurangabad
Mining Plan for Kadutola Pyrophyllite Mine	Rajnandgaon, CG	Smt. Tajinder Kour Bhatia, Rajnandgaon
Mining Plan and Progressive Mine closure Plan of Manegaon Iron ore mine	Gondia, MS	Shri. Prakash Ramdeo Jaiswal, Gondia
Mining Plan for Karwahi Dolomite Mine	Ramtek, Nagpur, MS	M/s Angira Granites Private Limited, Nagpur
Modified Mining Plan including Progressive Mine Closure Plan of Dongarbor Iron ore mine	Kanker, CG	M/s Raipur Alloys & Steel Limited, Raipur
Mining Scheme including Progressive Mine Closure Plan of Adegaon limestone and dolomite mine	Yavatmal, MS	Smt. Deepali Gundewar, Nagpur
Mining Scheme of Bichwa Manganese Mine	Nagpur, MS	Shri Anantram Kuhite Patil
Mining Scheme of Dharamsthal Coal Mine	Gadarwara, MP	M/s Boulder Stone Mart Pvt. Ltd.

GEOTECHNICAL & HYDROGEOLOGICAL STUDIES

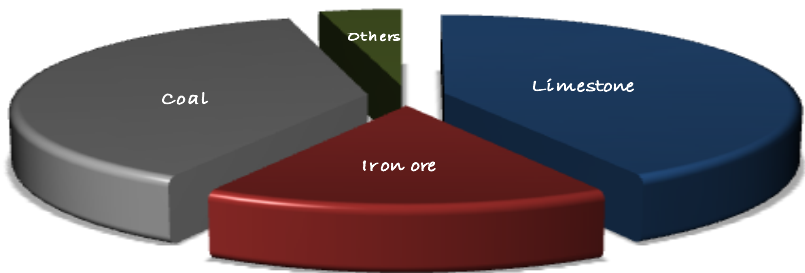
Project	Location	Client
Monitoring of ground vibrations induced by blasting with the help of fully computerized digital blastmate at iron ore mine	Sandur, Karnataka	M/s Kalyani Steels Limited
Resistivity & hydrogeological surveys	Nagpur	Nagpur Municipal Corporation, Ambajhari Ordnance Factory, Manganese Ore India Limited (MOIL) etc.
Report on geotechnical investigation for construction of new production line	Gadchandur, MS	M/s Manikgarh Cement
Report on geotechnical investigations in Paraswani limestone mines	Hirmi Cement Works, Raipur, CG	M/s UltraTech Cement Limited

MINING PROJECTS

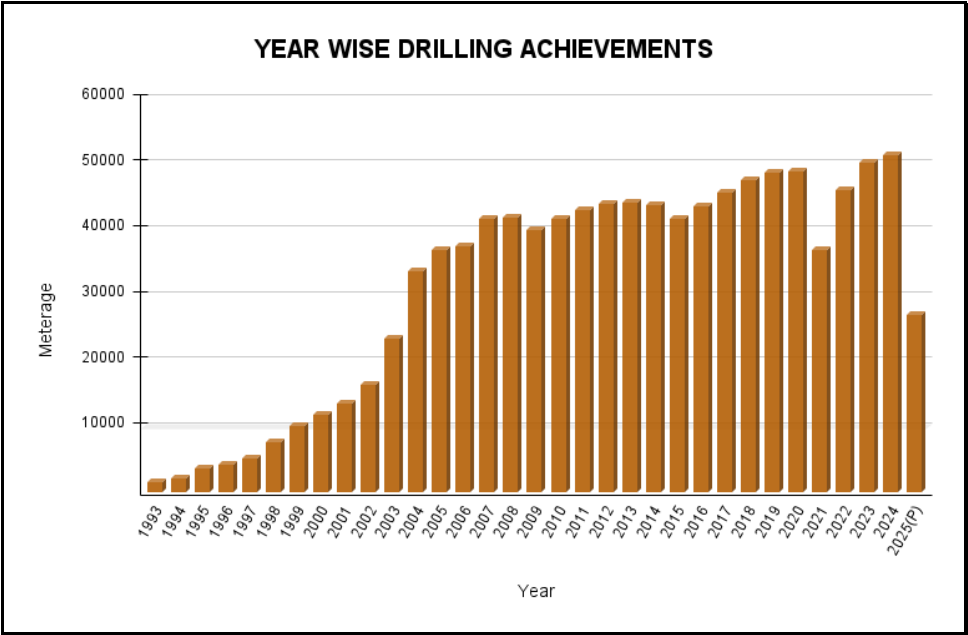
Project	Location	Client
An exploitation of 150000 Mt of limestone	Naranda Limestone Mine in Chandrapur, MS	M/s Karamchand Thapar & Bros.(C. S.) Limited, Nagpur
An exploitation of Iron ore @ 40,000 tonnes per month	Wagalpeth Iron Ore Mine near Sindewahi, Chandrapur, MS	M/s Gahra Minerals, Nagpur
An exploitation of Iron ore @ 25,000 tonnes per month	Gunjewahi Iron Ore Mine near Sindewahi, Chandrapur, MS	M/s Gahra Minerals, Nagpur
Total execution of iron ore exploitation to the tune of 6.0 lakh CuM	M/s H. G. Pandya & Others Iron ore Mine, Jajang, near Barbil	
An exploitation of chromite ore to the tune of 10 lakh CuM @ 4.50 CuM lakh/year	Saruabil Chromite Mines, Vil – Kaliapani, Jajpur, Orissa	M/s Misrilall Mines Private Limited Calcutta – 16



JOB CATEGORIZATION



MINERAL- WISE DRILLING EXECUTED



AWARDS OF EXCELLENCE



EXPERTS

GEOLOGICAL SERVICES

Shyam Didolkar

Having more than thirty years of experience in planning & supervision of geological exploration for various mineral deposits viz limestone, iron ore, manganese ore, chromite, coal, silica sand etc. He is expert advisor for several clients of repute for their international projects. He has travelled widely in several countries from Indonesia to Turkey, from Congo to Chile, Bangladesh to China and UAE amongst others as consultant for limestone, iron ore, chromite and coal prospects of our valued clientele. He is an expert in preparation of mining plans and data processing for resource estimation with the help of mining softwares as Datamine and Minex.

Dr. Sonali Guha

With a doctorate on Coal and Associated Sediments, South-Eastern Part of Ib-River Valley, Orissa, she also has several International and National research publications to her credit. She has more than 20 years of experience in evaluation and processing of survey, geological and exploration data.

She is proficient in high-end mining softwares as Datamine and Minex as also in Rockworks and GIS & CAD packages for preparation of geological reports.

DRILLING SERVICES

Amit Shaw

More than twenty-five years of professional experience in conventional exploratory (Diamond) as well as modern deep drilling machines for limestone, iron ore, chromite, coal, manganese ore, etc. As in-charge of several drilling programmes, he has acquired commendable experience in execution of challenging conventional drilling. He has adequate experience in geotechnical and engineering drilling for bridges, dams and tunnels. He can undertake repairing and maintenance of drilling machines in the workshop of the company.

MINING SERVICES

Purushottam Bajaj

A Chartered Accountant by profession, he is actively involved in management of various mining projects. He plans and ensures proper execution of the mining projects of the Company.

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