

M.R.PRAMOD KUMAR, M. Sc.

TITLE: - Geologist

EXPERTISE: -

Geotechnical/soil Investigation and interpretation, geological mapping, site investigation/selections, identification and classification of soils and rocks, testing physical and chemical characteristics of soil, rock and minerals, preparation and interpretation of geotechnical/soil investigation reports, engineering calculations for soil settlement and building foundation design, preparations of suitable sampling plans for soil, water and industrial minerals, quality inspections of various minerals, volumetric measurements of bulk mineral stock piles, mine plan preparations and handling of explosives, marine surveys including draft survey, hatch inspection and cargo inspection, administrative duties like preparation of documents for tender invitation as well as tender submittal, interaction with clients and tap works from them, handling of export and import documents, quality inspection of various commodities for export and import, posting field staff, routine official correspondences.

CAREER HISTORY: -

(1) Since September 1998: - M/s. INCO - LAB, Kuwait
Position: - Geologist

Duties: -

- Compiling field data and laboratory test results and prepare Geotechnical report.
- Geotechnical calculations for settlement and foundation design.
- Preparation of tender documents and pricing.
- Classification of soils and rocks at site and Lab.
- Ground investigations and safety measures.
- Supervise auger and rotary mud drilling, rotary core drilling, excavations, Cone Penetration Test.
- Preparation of bore hole and trial pit logs, CPT soil profiles.
- Installation of piezometers, standpipes and bore hole casing, falling-head permeability test.
- Supervision of physical and chemical tests on soils, rocks and concrete in lab and preparation of test results.
- Well conversant in various methods of physical testing such as particle size distribution, pipette analysis, Atterberg minimum and bulk densities, saturation settlement, field vane test, field compaction test, plate load test, permeability test, Cone Penetration Test (CPT) etc.

(2) Dec. 1991 to June 1998: - M/s. SGS India Limited, India.
(Societe Generale de Surveillance S. A. Geneva)
Position Held: - Geologist

Duties: -

- Preparation of suitable mine-head/shipment sampling plan and executions for industrial minerals such as Iron ore, Baryte, Coal, Coke, Bentonite, Quartz, Feldspar, Bauxite, Fertilisers, Cement, Petroleum Products, etc. according to ISO, ASTM, BS, BIS, JIS standards.
- Field investigations and Geological interpretations for suitability of mining.
- Mine plan preparation, development & handling of explosives in various types of mines/quarries.
- Assessments of mine output through core sampling and proper mine planning.
- Topographical survey and contour mapping for granite mines.
- Resistivity survey and hydrogeological investigation for ground water resources.
- Quality inspections of minerals, granite products and fertilisers.
- Volumetric measurements and quality assessment of bulk mineral stock piles.
- Marine survey and draft survey of bulk carrying ships during discharge/loading, hatch inspection, bunker survey, damage and condition survey.

(1) Al- Khiran Residential Pearl City.

Owner :- -Kuwait Real Estate Co.

Consultant :- Al-Shaheen Consultant/Buro Happold.

Responsibilities: -

- Supervision of different methods of drilling and boring activities with mobile rig, dune buggy and jack up barge, standard penetration test, sampling by thin walled samplers, Dames and Moore sampler, open tube sampler, split-barrel SPT sampler, coring etc. Classification of soil and rock core, preparation of logs, installation of standpipes and piezometers.
- Boring in intertidal channels with jack up barge / dune buggy.
- Conducting Cone Penetration Test (CPT), preparation of CPT graph, interpretation etc.
- Installation of piezometers, standpipes and permeability tests.
- Monitoring the trial pit excavations, supervision of sample collection from different strata and depth, water sample collection, classification of soil and preparation of logs.
- Supervision of physical and chemical testing in laboratory.
- Compiling field data and laboratory test results to prepare the final report.

(2) Al- Doha Residential Pearl City. (3) Al- Subiya Residential Pearl City.

Owner :- -Kuwait Real Estate Co.

Consultant :- Al-Shaheen Consultant/Buro Happold.

Responsibilities: -

- Supervision of drilling activities by Mobile rig and dune buggy, different types of sampling, standard penetration tests etc.
- Supervising physical and chemical testing on soils.
- Compiling field data and laboratory test results to prepare the final report.

(4) Oil Sector Complex Project- Kuwait Petroleum Company.

Owner :- Kuwait Petroleum Company.

Consultant :- Salem Al-Marzouk & Sabah Abi Hanna.

Responsibilities:-

- Evaluation of thickness of soft soil layer at various offshore locations.
- Supervision of dynamic cone penetration testing and torque testing.
- Interpretation of field and laboratory test results.
- Preparing geotechnical report.

(5) New Fire-fighting Systems at Main Gathering Centre at Wafra Oilfield.

Owner/ Consultant :- Kuwait Oil Company/Saudi Arabian Texaco.

Responsibilities: -

- Supervision of drilling activities, borehole logging etc.
- Supervising physical and chemical testing on soils.
- Settlement calculations for foundation designing.
- Compiling field data and laboratory test results to prepare geotechnical report.
- Supervision of field compaction testing during construction.

(6) Soil Testing for PMP-TMP 003 Tank in Wafra Oilfields.

Owner/ Consultant :- Kuwait Oil Company/Saudi Arabian Texaco.

Responsibilities: -

- Supervising physical and chemical testing on soils.
- Supervision of field compaction testing during construction.
- Preparing final report.

(7) Sampling and Testing of Soil at Wafra and Ahmed Al-Jaber Airbase.

Owner :- United States Airforce.

Consultant :- Zenith Enterprises.

Responsibilities: -

- Supervision of sample pit excavation and sampling.
- Supervision of physical testing on soil.
- Preparing final report.

(8) Soil Investigations For

Kuwait National Petroleum Company (KNPC) New Project Building At Mina Ahmadi Area.

KNPC PD Construction Office Building At Mina Al-Abdullah

KNPC Local Marketing Ahmadi Depot at Ahmadi.

Owner :- Kuwait National Petroleum Company (KNPC).

Consultant :- Al-Jazeera Consultant.

Responsibilities: -

- Supervision of drilling activities, borehole logging etc.
- Supervising physical and chemical testing on soils.
- Settlement calculations for foundation designing.
- Compiling field data and laboratory test results to prepare geotechnical report.

(9) Soil Sampling and Testing Along Wafra Road

Owner :- National Industries Group/Kuwait Cement Company.

Responsibilities: -

- Supervision of drilling activities and sample collection.
- Supervising physical and chemical testing on soils.
- Preparation of final report.

(10) Geotechnical Investigation For International Football Stadium At Ardiya.

Owner :- Public Authority for Youth Sports.

Consultant :- Weidleplan Consulting GmbH.

Responsibilities: -

- Supervision of drilling activities, different types of sampling, standard penetration tests etc.
- Supervision of installation of groundwater monitoring wells.
- Installation of piezometers and standpipes and permeability tests.
- Supervising physical and chemical testing on soils.
- Settlement calculations for foundation designing.
- Compiling field data and laboratory test results to prepare geotechnical report.

(11) Soil Electrical Resistivity Test For Reinforced Bar Factory At Shuaibha.

Owner :- USIC Rebar Mill Factory.

Contractor :- Abdullah Ahmed Nass Contracting Company.

Responsibilities: -

- Conducting field soil electrical resistivity test by using Wenner four electrode configuration.
- Compiling field data and to prepare final report.

(12) Soil Investigation For VSM Driven Crude Transit Pumps At Various Gathering Centre at Ahmadi Oilfield.

Owner :- Kuwait Oil Company

Contractor :- Shinwah Construction Co.

Responsibilities: -

- Supervision of drilling activities, different types of sampling, standard penetration tests etc.
- Conducting field soil electrical resistivity test by using Wenner four electrode configuration.
- Supervising physical and chemical testing on soils.
- Settlement calculations for foundation designing.
- Compiling field data and laboratory test results to prepare Geotechnical report.

(13) Soil Testing for Evaporation Pits at South and North Tank Farms in Ahmadi Oilfield.

Owner/ Consultant :- Kuwait Oil Company

Responsibilities :-

- Supervision of field density tests at the time of construction
- Preparation of Reports.

(14) Site Investigation of Rock Formations at Al- Ahmadi Quarry for Limestone Reserve Estimation.

Owner :- National Industries Group

Responsibilities :-

- Supervision of drilling by augering through soil overburden and rotary core drilling through rock stratum to collect core samples.
- Logging of boreholes, classification and identification of rock types.
- Selecting rock core samples for various laboratory tests.
- Preparation of detailed report by compiling field and laboratory test results.

(15) Soil sampling for determination of oil contamination in soil at Mina Al-Zour (Mina Saud).

Owner :- Saudi Arabian Texaco Inc.

Responsibilities :-

- Supervision of drilling, collection of disturbed soil samples and visual classification.
- Preparation of Report and cross-sectional profiles.

(16) Geotechnical Investigations for:-

16.1 Multi-storey Carparking at Kuwait Airport.

16.2 Housing plots for Public Authority for Housing Welfare at various locations.

16.3 Hydrotreating Catalyst Plant.

16.4 Fahaheel Development Project.

16.5 Crude oil pipelines and project services at Main Gathering Center, Wafra Oilfields.

16.6 Two 100,000 bbls free water knock-out process tanks at Main Gathering Center, Wafra Oilfields.

16.7 Replacement of water and gas networks at Al-Ahmadi.

16.8 Construction of box culverts at Jaleeb Al Shuyokh, Doha, Hadiya.

16.9 Refurbishment of port services area at Mina Al-Ahmadi.

16.10 Waterfront Projects at Salmiya and Fahaheel.

16.11 Ministry of Interior Headquarters.

16.12 CPT tests for Subiya Causeway.

MAJOR PROJECTS COMPLETED WITH SGS: -

- (1) Annual stock assessment of Thermal Coal at Madras and Vizag Ports,
M/s. National Thermal Power Corporation India Limited. (Feb. 1998 to March 1998)

Responsibilities:-

- Volumetric measurement by using Theodolite and Total Station, calculations and final report preparations.

- (2) Ground water quality monitoring along the East Coast of Alappuzha District - Kerala State.
M/s. UNICEF (Dec. 1997 to Feb. 1998).

Responsibilities:-

- Resistivity survey, water sampling, socio-ecological survey, final report preparation.

- (3) Quality control inspection of Thermal Coal,
M/s. Karnataka State Thermal Power Station (KSTPS). (March 1997 to May 1997).

Responsibilities:-

- In-charge of camp office, coordinating with KSTPS officials, labour management, sampling and sample preparations according to ASTM.

- (4) Geophysical survey and contour mapping of granite quarry at Krishnagiri District -Tamil Nadu state.
M/S. Tamil Nadu Mineral Corporation. (April 1996 to May 1996)

Responsibilities: -

- Resistivity survey, core sampling, assessment of quarry out put for granite polishing industry.

- (5) Quality control of baryte powder.
M/s. Oil and Natural Gas Corporation (Nov. 1992 to Oct. 1993)

Responsibilities: -

- Monitoring specific gravity, particle size, blending of different grades of baryte, coordinating with ONGC officials and pulverizer mill management.

- (6) Geophysical survey and mine planning for Magampet baryte mines,
M/s. Andrapradesh State Mineral Development Corporation. (July 1992 to Nov. 1992)

Responsibilities: -

- Land and Geophysical Survey, plotting of contour maps, core sampling, assessment of deposits, evaluation of ecological aspects.

- (7) Various types of marine surveys including draft survey of bulk carrying ships for initial, interim and final during discharge of Coal, Coke, Sulfur, Fertilizers, metal scrap etc. Initial, interim and final draft surveys during loading of Iron ore, Baryte, Granite etc. Hatch inspection prior to loading, bunker survey, on-hire/ off-hire survey, condition and damage survey. Inspection of containers for their seaworthiness etc.

SPECIAL TRAININGS UNDER GONE:-

- Methods of bulk solid sampling and quality inspections, conducted by SGS in Malaysia.
- ISO 9000 quality management programs, conducted by SGS in India.
- Train the trainer- field operations, conducted by SGS in India.
- Field orientation courses on various aspects of sampling and sample preparation techniques, marine surveys etc., conducted by SGS in India.

ACADEMIC BACKGROUND: -

- **M.Sc. Geology** (Year 1991)
University of Madurai Kamaraj, Tamil Nadu, India
- **B.Sc. Geology** (Year 1989)
University of Calicut, Kerala, India.

TECHNICAL BACKGROUND:-

- Certificate in 3++, The Talent Academy of Computer Technology, Calicut, Kerala (Oct. 1991).
- Certificate in basic electronics, The Directorate of Technical Education Govt. of Kerala, India (July 1986)
- Excellent working knowledge in Windows, MS Office, MS Excel, MS Word, HTML, Internet, etc.

PERSONAL DETAILS:-

- Date of Birth : 26 September 1967.
- Sex : Male
- Driving License : State of Kuwait
No. 139705339 Exp. Date: 12-04-2010
India
No. E/TN/009/00836/1998 Exp. Date: 25-09-2007
- Marital Status : Married
- Children : One Girl
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