

**Schemes for the year 2017-18
of
DIRECTORATE OF GEOLOGY & MINING, ASSAM**

1. MINERAL INVESTIGATION

Project :1 Investigation of coal in Kalya–dung area near Bokulia Town of Karbi-Anglong district
Toposheet No.83G/1

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
i. Preliminary Geological Mapping (Scale 1:25000)	20 Sq. Km.
ii. Detailed Geological Mapping with contouring (Scale 1:2000)	2 Sq. Km.
iii. Drilling	200 Meters
iv. Sampling	As per requirement.

Project :2 Investigation of coal in Sarpo Teron Gaon & Laldera Nepali Basti area near Manja, Karbi-Anglong district under promotional exploration of coal.

Toposheet No.83G/9

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
i. Preliminary Geological Mapping (Scale 1:25000)	20 Sq. Km.
ii. Detailed Geological Mapping with contouring. (Scale 1:2000)	2 Sq. Km.
iii. Drilling	300 Meters
iv. Sampling	As per requirement.

Project : 3 Investigation of placer gold in the Subansiri and its tributaries in Lakhimpur district.
Toposheet No. 83 I/6, I/7

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
i. Preliminary Geological Mapping (Scale 1:12,500)	80 Sq. Km.
ii. Sampling	Bed Rock sampling -100 Nos.
	Soil Sampling -100 Nos.
	Stream sampling -100 Nos
	Pitting/Trenching -100 Nos.

Project : 4 Investigation of Limestone at Burahungdung area near Umrangso, Dima Hasao district. **Toposheet No- 83 C/11**

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
i. Preliminary Geological Mapping (Scale-1:25000)	10 Sq.Km
ii. Detailed Geological Mapping with contouring (Scale-1:2000)	1 Sq.Km
iii. Sampling	As per requirement

Project : 5 Extensive study and detailed mapping of Dimensional stones in Ajagarh hills in Goalpara District. **Toposheet No.78 J/12.**

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
i. Preliminary Investigation (Scale 1:50,000)	400 Sq.Km.
ii. Detail Geological Mapping (Scale 1:2000)	1.5 Sq.Km.
iii. Sampling	As per requirement

Project : 6 Investigation of Clay deposit at Bogamati in Baksa District near Assam (India) Bhutan international border.

Toposheet No : Toposheet not available

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
i. Preliminary Geological Mapping (Scale-1:25,000)	5 Sq. Km
ii. Detailed Mapping with contouring (Scale 1:2000)	2 sq.Km
iii. Sampling: pitting and trenching	As per requirement

SPECIAL PROJECT-1

Inspection of Mining lease area

The Directorate has proposed for inspection of all mining lease areas to verify whether the proper implementation of the lease conditions are made or not.

- The inspecting officer will physically verify the leased area.

- He will verify the documents like challans, stock register, sale register, excise duty paid on quantity, electricity bill in case of industry, and also milling test reports.
- For checking the illegal mining, he will collect the intelligence report from the local area.

2. GROUNDWATER INVESTIGATION

Project :1 Hydrogeological investigation in Deeper Aquifer Regime in Greater Guwahati area including detail Chemical Quality study for Fluoride contamination in ground water specially in Jatia and Hatigaon area along with Reappraisal Hydrogeological survey in Soalkuchi, Hajo area.

Toposheet Nos.78N/11, 78 N/12, 78 N/16.

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
<ul style="list-style-type: none"> • Hydrogeological Survey (scale 1:50,000) • Reappraisal Hydrogeological Survey (scale 1:50,000) • Exploratory well. • Observation well. • Installation of Piezometers • Sampling 	328 Sq.Km 100 Sq.Km. 2 Nos. 2 Nos. 25 Nos. As per requirement.

Project : 2 Preliminary Hydrogeological investigation in Eastern and North Eastern part of Nagaon Dist. along with western part of Karbi Anlong District with emphasis on groundwater quality. **Toposheet Nos. 83 (B/14, B/15, B/16, F/2, F/3 F/4,F/8,G/5).**

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
<ul style="list-style-type: none"> • Hydrogeological Survey (1:50,000) • Water sample • R. L. connection • Data collection 	1000 sq.km. (approx.) As per requirement. As per requirement.

Project : 3 Awareness programme on utilization of groundwater in **Greater Guwahati.**

QUANTUM OF WORK TO BE DONE:

Nature of work	Target
Awareness programme like public meetings, Seminar, publicity through media etc.	As per requirement

SPECIAL PROGRAMME:

Hydrogeological survey works on request from various Government, semi Government and private organization may be taken as and when required.

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**Constitution of ‘Assam State Groundwater Authority’ under
THE ASSAM GROUND WATER CONTROL AND REGULATION ACT, 2012**

The State Authority shall consist of the following :-

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|---|-------------------------------|
| a) Secretary to the Government of Assam,
Irrigation Department | - Ex-officio Chairman |
| b) Chief Engineer, Minor Irrigation, Assam | - Ex-officio Member |
| c) Chief Engineer, PHE Department, Assam | - Ex-officio Member |
| d) Chief Engineer, Agriculture Dept, Assam | - Ex-officio Member |
| e) Director of Geology & Mining, Assam | - Ex-officio Member Secretary |
| f) A representative of the Guwahati Metro-
Politan Development Authority (GMDA)
To be nominated by the GMDA | - Member |
| g) A representative of the State Pollution
Control Board to be nominated by the
Board . | - Member |
| h) Chief Engineer, Guwahati Municipal
Corporation | - Ex-officio Member |
| i) A representative of the Urban Development
Department ,Govt. of Assam to be nominated
by the Department | - Member |
| j) A representative of the Central Ground Water
Board (CGWB) to be nominated by the
Chairman, CGWB | - Member |
| k) 2 (Two) representatives of the public / industries
etc. to be nominated by the State Government as
Non-Government Member | - Member |

The proposals for Action in 2017-18 are :-

- ❖ Area to be notified.
- ❖ Registration of existing users in notified area.
- ❖ Registration of users in new wells in non-notified area.
- ❖ Registration of drilling Agencies.
- ❖ Rain Water Harvesting for recharge of Groundwater.
- ❖ Feasibility Report
