



## Government of Kerala

### Abstract

Industries Department - Mining & Geology - Enhancement of Service Charges - Orders issued.

### Industries (A) Department

G.O (Ms)No.26/2018/ID

Thiruvananthapuram, Dated 31.03.2018.

Read: 1. G.O(Rt)No.1699/2017/ID dated 20.12.2017.

2. G.O (P)No.44/2018/Fin dated 17.03.2018.

### ORDER

Government are pleased to enhance the various services charges levied by Mining & Geology Department with effect from 01.04.2018 as given below

### Exploration Cost and Price of Technical Reports of various items of mineral exploration/Geological investigation

Item	Particulars	Existing rates as per G.O(P) No. 409/2014/Fin dt. 23.9.14	After 5% increased (vide G.O No. 44/2018/Fin dt. 17.3.18)
A	Geochemical Sample Geological mapping (scale 1:50,000)	Rs.15,525 per Sq.km Rs.25,300 per sq.km	Rs.16,305 per Sq.km Rs.26,565 per sq.km
B	<u>I. Diamond Core Drilling</u> i) Soft formation/ sedimentary area (Depth range 0-100m)  ii) Medium hard laterite/sandy alluvial tract (Depth range 0-100m)  <u>iii) Hard rock/ Crystalline rock</u> a) Depth range 0-100m b) Depth range 100m-200m c) Beyond 200m	Rs.5000 per metre  Rs.8750 per metre  Rs.10000 per metre Rs. 11875 per metre Rs.12650 per metre	Rs.5250 per metre  Rs. 9190 per metre  Rs.10500 per metre Rs. 12470 per metre Rs. 13285 per metre
	<u>II. Hand auger Drilling</u> i) for tile and brick clay (Depth range 0-6m) ii) for silica sand (Depth range 0-6m) <u>iii) Probing for lime shells</u> In land lake	Rs. 450 per metre Rs. 825 per metre  Rs.120 per hole Rs.120 per hole plus actual charge for canoe/country boat/motor boat	Rs. 475 per metre Rs. 870 per metre  Rs.130 per hole Rs.130 per hole plus actual charges for canoe/country boat/motor boat

	<u>IV. Pitting and Trenching</u>					
	<u>a) Soft Clay formation</u>					
	i) up to 2m	Rs. 450 per m <sup>3</sup>		Rs.475 per m <sup>3</sup>		
	ii) 2m to 4m	Rs. 825 per m <sup>3</sup>		Rs. 870 per m <sup>3</sup>		
	iii) 4m to 6m	Rs. 1200 per m <sup>3</sup>		Rs. 1260 per m <sup>3</sup>		
	<u>b) Hard Laterite/ Weathered rock</u>					
i) up to 2m	Rs. 600 per m <sup>3</sup>		Rs. 630 per m <sup>3</sup>			
ii) 2m to 4m	Rs. 1375 per m <sup>3</sup>		Rs. 1445 per m <sup>3</sup>			
iii) 4m to 6m	Rs. 2000 per m <sup>3</sup>		Rs. 2100 per m <sup>3</sup>			
	<u>V. Detailed Geological Mapping &amp; Contouring</u> (Scale 1: 1000 to 1: 5000: contour Interval 2m) (Including Trenching, Sampling etc)	Rs.1,55,250 per sq.km		Rs. 1,63,015 per sq.km		
	Add: charge for chemical /minerological analysis	Rs. 31,050 per sq.km		Rs. 32,605 per sq.km		
	Report preparation	Rs.1,86,300 per sq.km		Rs.1,95,615 per sq.km		
	<u>Price of Reports</u> <u>Per work of the total expenditure incurred towards investigation</u>	Rate	Subject to a minimum	Rate	Subject to a minimum	
		i) up to Rs.0.5 lakh				
		ii) 0.5 lakh to 1 lakh	2.5%	3750	2.625%	3940
		iii) 1 lakh to 5 lakh	2%	7500	2.1%	7875
		iv) 5 lakh to 10 lakh	1.5%	11250	1.575%	11815
		v) over 10 lakh	0.92%	34500	0.966%	36225
		0.46%	45000	0.483%	54340	

while pricing the investigation report a certain percentage of the cost of the preliminary and detailed investigation (drilling, sampling core logging, surveying) etc and the analytical work for the evaluation of the deposit shall be levied or 1% of the royalty whichever is greater. Service charge if any will also be charged.

### **Fees related to Mineralogy Laboratory**

Sl. No	Description of work	Existing rates (as per GO (P) No.409/2014/Fin Dated 23.09.2014)	After 5% increase (vide GO (P) 44/2018/Fin dated 17.03.2018)
1	Preparing a thin section	113	120
2	Cutting and polishing of (7.5 x 5 x 1.5 cm size) of rock samples	540	570
3	Cutting an oriented chip from rock sample for preparation of thin section	53	60

4	Electromagnetic separation of heavy minerals (25 gm) in Frantz Isodynamic Separator	98	105
5	Preparing a polished section from ore sample	255	270
6	Preparing a double polished section for fluid inclusion studies	248	265
7	Megascopic identification of a rock specimen using stereo-binocular microscope	50	55
8	Identification of minerals in a thin/polished section	270	285
9	Examination and visual estimation of heavy minerals (25 gm) using stereo-binocular microscope	450	475
10	Determination of SG of mineral/rock	10	15
11	Determination of SG of mineral grain (25-75 mg) using 'Berman' density torsion balance	30	35
12	Weighting of a gemstone/ mineral specimen	2	5
13	Charges for taking photo microscopic of thin section/ mineral	Rs.100 for first photo and 25 for second one etc.	

### **Fees related to Gem Testing Laboratory**

Sl. No	Item	Existing charges vide GO (Rt) No.1699/2017/Ind dated 20.12.2017	After 5% increase vide GO (P) 44/2018/Fin dated 17.03.2018
1	Precious gem stones (Diamond, Emerald, Ruby Sapphire Chrysoberyl including Cats eye and Alexandrite)	910	960
2	Semi precious stone, stones not included in item No.1	780	820
3.	Synthetic Gem Stones	450	475

(By Order of the Governor)

**C.K. VINODAN**

Deputy Secretary

To

Director, Mining & Geology Department, Thiruvananthapuram.  
 Director, Information & Public Relations Department  
 Finance Department  
 Principal Accountant General (Audit) Kerala, Thiruvananthapuram.  
 Accountant General (A& E) Kerala, Thiruvananthapuram  
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Forwarded By Order



Section Officer



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**Government of Kerala**  
**abstract**

Industries Department - Mining & Geology - Enhancement of Service Charges of Chemical Laboratory - Orders issued.

**Industries (A) Department**

G.O (Rt)No.462/2018/ID

Thiruvananthapuram, Dated 19.04.2018.

Read:1. G.O(P)No.44/2018/ID dated 17.03.2018.

2. G.O(Ms)No.26/2018/ID dated 31.03.2018.

3. Proceeding No.934/2017-18/1339/T1/2018 dated 31.03.2018 of the Director of Mining & Geology.

**ORDER**

In continuation of the Government Order read as second paper above Government are pleased to enhance service charges levied by Mining & Geology Department in the Chemical laboratory with retrospective effect from 01.04.2018 as given below.

Sl. No.	Name of Analysis	Existing rate in Rs as per G.O 409/2014, dt. 23. 09. 14	After 5% increase(vide G.O(P) 44/2018/Fin dt.17.03.2018)
1	Chemical Analysis of China Clay/Fly ash/Bentonyte and allied minerals for (a) SiO <sub>2</sub> ,Al <sub>2</sub> O <sub>3</sub> ,Fe <sub>2</sub> O <sub>3</sub> ,TiO <sub>2</sub> ,CaO,MgO, LOI (b) Determination of Additional radical (c) Determination of one Radical (including digestion charge)	3125 675 1875	3285 710 1970
2	Chemical Analysis of Silica sand/Quartz/Magnasite/Lime Shell/Lime Stone/Similar minerals (a) For additional element (b) For one element(including digestion charge)	3125 675 1875	3285 710 1970
3	Analysis of Rock for SiO <sub>2</sub> ,Al <sub>2</sub> O <sub>3</sub> ,Fe <sub>2</sub> O <sub>3</sub> ,TiO <sub>2</sub> ,CaO,MgO, MnO,K <sub>2</sub> O,Na <sub>2</sub> O&Cr <sub>2</sub> O <sub>3</sub> (a) For Additional element (b) For one element(including digestion charge)	3750 675 1875	3940 710 1970
4	Analysis of Graphite Sample for moisture, volatiles, As and fixed Carbon	1500	1575
5	Water Analysis -Ph, Hardness, Conductivity, turbidity, total dissolved solids, dissolved oxygen, alkality, Fe, Ca, Mg, Na, K	1875	1970

8  
25/4/18

6	Sieve Analysis (a) Per sample per sieve (b) Per Sample (4 sieves)	225 750	240 790
7	Trace element analysis (a) In Solids/alloys etc for first element (b) Additional element (c) In solution/Digested sample(AAS only)	1125 450 150	1185 475 160
8	Crushing and Pulverisation for 250g (a) for each additional 100g	375 225	395 240
9	Grit Percentage	600	630
10	Percentage of Volatile matter (LOI)	900	945
11	Percentage of surface moisture (Air dry moisture)	600	630
12	Test for Salinity	450	475
13	Brightness of clay and allied Minerals (a) Crude sample (b) Powdered	450 150	475 160
14	Particle size Analysis of Clay and allied Minerals per sample (1) By dry method (2) By wet method(water) (3) By wet method (other than water)	1875 2500 3750	1970 2625 3940
15	Geo Chemical/Soil samples (a) First element (b) Additional element	1125 300	1185 315
16	Purity of Gold using XRF	75	80
17	Detection of element from Sodium to Uranium by XRF Any Additional Element by XRF	75 37.50	80 40

(By Order of the Governor)  
**C.K. VINODAN**  
Deputy Secretary

To

Director, Mining & Geology Department, Thiruvananthapuram.  
Director, Information & Public Relations Department  
Finance Department  
Principal Accountant General (Audit) Kerala, Thiruvananthapuram.  
Accountant General (A& E) Kerala, Thiruvananthapuram  
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Section Officer