

## Physical Achievement of Geology Wing for the Financial Year 2013-14

### MINERAL EXPLORATION

S. No	Name of the Investigation & Incharge Investigation	Detailed Geo. Map. (1:1000 ) Sq. Mts	Rec. Geol. Map. (Sq. Kms)	Pitting & Trenching (Cub. Mts)	Channel/ Grab*/Pit # Samples (Nos)
1.	Detailed Investigation of Limestone at Kabian, District, Rajouri. O/IC: Dr. R. S. Bandral, GG-III	1,00,000	--	25	25
2.	Detailed Investigation of Quartzite at Sudhmahadev, District, Udhampur, O/IC: Sh. Kulwant Singh, GG-III	1,00,000	--	25	25
3.	Detailed Investigation of Gypsum at Sildhar, District, Ramban. O/IC: Dr. Brijesh Kumar	1,00,000	--	25	25
4.	Detailed Investigation of Coal at Mahogla, The. Kalakot, District, Rajouri. O/IC: Dr. D.S. Andotra, AMO	1,00,000	--	50	16
Total		4,00,000	20	125	91

### GROUNDWATER EXPLORATION

1	GW investigation in parts of Pancheri Block, District Udhampur O/IC : Dr. J. S. Jamwal, GG-I	--	20	--	--
2.	Logging of Exploratory Borehole at village Sali of Dansal block, district Udhampur. O/IC : Dr. V. J. Tikoo, GG-III	--	--	--	--
3.	Logging of exploratory borehole for GW at Saffron field Kishtwar, District Kishtwar. O/IC : Sh. Shiv Kumar, GG-III	--	--	--	--
4.	Logging of Exploratory Borehole at village Kandir for GW, Teh. Chennai, District Udhampur. O/IC : Dr. J. S. Jamwal, GG-I	--	--	--	--
Total		--	20	--	--

### ENGINEERING GEOLOGY

S.No.	Name of Work	Requisitioning Agency
1.	Geotechnical Investigation of Irrigation canal project at Budhal, District Rajouri. O/IC : Dr. Surinder Singh, GG-I	Irrigation Div. Rajouri
2.	Geotechnical Investigation of landslide in Rakh Jaroge area, Teh. Batote, District Ramban. O/IC :Dr. J. S. Jamwal, GG-I	District Administration, Ramban

### CMT LABROATORY

1. Sample Analyzed : 276 nos

### BOREHOLE LOGGING

1. Total Logging (for Coal & GW) : 387.397 mts





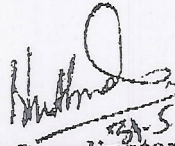
**Annual consolidated Progress of Geological Division, Kashmir for filed season 2013-14.**

<b>Item of Investigation</b>	<b>Reconnaissance Mapping (1:12500) Sq. Kms</b>	<b>Detailed Mapping (1:1000) Sq. Mtrs.</b>	<b>Channel samples (no<sub>s</sub>)</b>	<b>Pitting &amp; Trenching (m<sup>3</sup>)</b>	<b>Block Samples (no<sub>s</sub>)</b>	<b>Water samples (no<sub>s</sub>)</b>
Lime Stone. Matayan Drass	×	1,00,000	75	20	×	×
Granite Khaltsi Leh	×	1,00,000	×	20	20	×
Granite, Hemishukpachan Leh	20	×	×	×	10	×
Geotechnical Studies, Kokernag Kishtwar road section	50	×	×	50	×	×
Hydrogeological studies, Pattan Tangmarg, Baramulla	40	×	×	×	×	24
Heavy metal Contamination NW Kashmir	40	×	×	×	×	20
<b>Total</b>	<b>150</b>	<b>2,00,000</b>	<b>75</b>	<b>90</b>	<b>30</b>	<b>44</b>

**Miscellaneous/Referred Items: -**

1. 159 Sq. Kms of reconnaissance mapping for demarcation/preparation of minor mineral blocks in Kashmir Province.
2. 03 no<sub>s</sub> production wells, 1970 feet bore-hole logging and 08 no<sub>s</sub> of boreholes pinpointed in groundwater exploration studies.
3. 313 no<sub>s</sub> of samples analyzed by CMT laboratory, Srinagar.
4. Inspection report of Quarry sites and Beerwah District Budgam.

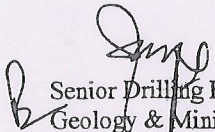
5. Geological report on landsinking at Thonga Mohalla, Seeraz road Khanyar. Distt. Srinagar
6. Geological report on continuous landsinking at Rainawari area, Distt. Srinagar.
7. Inspection report on the occurrence of gas at Dewar. Lolab. Distt. Kupwara.
8. Geological report on landslide/mass movement of slope at Bandi Brahmana, Buniyar. Distt. Baramulla.
9. Geological report on Landslide/earth flow in Mirasi Mohalla village Krolon. Baramulla. Kund Distt. Kulgam.
10. Geological inspection report on an affected landslide area at village Sumlar. Distt. Bandipora.
11. Geological report on mass movement/sinking of the slope at Ladoo-Ladura, Distt. Baramulla.
12. Geotechnical report on land collapse/sinkholes at village Bcora, Bijbehara, Distt. Anantnag.
13. Geotechnical report on land flow/cracks at village Wafzen, Bijbehara, Distt. Anantnag.
14. Geological report on cracks developed in a house at Alamgari Bazar, Distt. Srinagar.

  
23.5.14  
Chief Coordinator Geology (K)  
Deptt. of Geology & Mining  
J&K, Srinagar.



Deployment of Rigs and Progress achieved during Year 2013-14

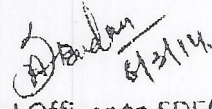
S. No.	DrillingUnit	Deployed	Investigation {Min/GW}	Target	Progress Achieved	Remarks
1.	J-19{Vol-90}	Saili, Dansaal	GW	100 metres	100.60 metres	Borehole closed at the depth of 100.60 metres.
2.	J-20{Vol-35}	Bain Khanderi	GW	90.0 metres	91.76 metres	Borehole closed at the depth of 91.76 metres.
3.	J-21{RD-30}	Chainpur B/h-I	Coal	176.0 metres	49.84 metres	Borehole closed at the depth of 49.84 metres on encountering chert Breccia/ sirban limestone.
4.	J-17{GD-42S}	Berwah, Kishtwar	GW	75.0 metres	38.10 metres	Borehole closed at the depth of 38.10 metres on encountering intact quartzite.
5.	J-17{GD-42S}	Metka,	Coal	179.0 metres	45.73 metres	Borehole under progress.
6.	J-21{RD-30}	Chainpur B/h-II	Coal	154.0 metres	-	Track preparation for shifting, platform construction under progress.

  
Senior Drilling Engineer  
Geology & Mining Department  
Jammu.

Office of the Senior Drilling Engineer (K)  
Geology and mining Department, Srinagar

Details of Workdone/Achievement of Drilling Wing (Kashmir) during 2013-14:

S.No.	Description	Workdone/Achievement
01	Total Drilling Progress	691.51 Mts
02	Tube Well Constructed	01 No.
03	Ground Water Explorations	06 No.
04	Tube Well under construction	02 No.
05	Revenue Realization on account of construction of Tube Well	Rs 6,75,712/-
06	Payments pending with Indenting agencies: I. Mechanical Irrigation & Flood Control Department, on account of construction of Tube Well at Sonthbugh Pulwama II. Agriculture Department, on account of construction of Tube Well at Tengrishnar Pampore (Saffron Field) III. Agriculture Department, on account of construction of Tube Well at Lethpora Pampore (Saffron Field)	Rs 10,37,209/- Rs 6,59,898/- (DD Received) Rs 7,30,465/-

  
6/2/14  
Technical Officer to SDE(K)