

PHYSICAL ACHIEVEMENTS OF GEOLOGY WING, KASHMIR.

Sr. no.	Item of Investigation	Achievements
1.	Detailed Geological Mapping (1:1000) /(1:5000)	4,00,000 sq mtrs
2.	Systematic Reconnaissance Geological Mapping (1:12500)	120 sq kms
3.	Systematic Reconnaissance Geological Mapping (1:50000)	100 sq kms
4.	Channel samples	200 no _s
5.	Chip samples	100 no _s
6.	Water samples	31 no _s
7.	Pitting & Trenching	160 m ³
8.	Reconnaissance mapping for demarcation/ preparation of Minor mineral blocks.	27 sq kms
9.	Geotechnical/Hydrogeological traverses conducted	24.2 sq kms
10.	Groundwater feasibility reports submitted for pinpointing of Boreholes.	13 no _s
11.	Bore hole logging	1233 feet
12.	Geotechnical reports submitted i.r.o. referred items.	08 no _s
13.	Sample analysed	118 no _s

Referred items:

1. Land collapse/sinkholes at village Beora, Bijbehara, Distt. Anantnag.
2. Land flow/cracks at village Wafzon, Bijbehara, Distt. Anantnag.
3. Occurrences of landsliding at village Latiefabad, Laridoora and Dangerpora, District Baramulla.
4. Land subsidence/Land sinking at Village Gurwan, Bijbhera Distt. Anantnag.
5. Landslip/landsliding at Sofi Mohalla village Rangapat, Tehsil Langate, District Kupwara.
6. Land subsidence at Tangh Mohalla, Rainawari District Srinagar.
7. Mass Movement/Sinking of the slope at Ladoo-Ladura Tehsil Rohama District Baramulla.
8. Site inspection report of an affected landslide area at village Sumlar Tehsil District Bandipora.
- 9.

Paper Presentations:

1. A Majeed Mir, M Yaseen Bhat “ Gypsum Deposits of Northwestern Kashmir Himalaya for Industrial use” (Paper presented in National Seminar on Natural Resources of North western Himalaya: Threats, Evaluation and Conservation held at S.P. College Srinagar, J&K 26th-27th March 2014).
2. A Majeed Mir, M. Yaseen Bhat “Possible Impacts of Climate Change on Water Resources: Evidences from Upper Karewas, Pattan NW Kashmir valley” (Paper presented in CGWB workshop on Impact of climate change on Groundwater resources of Karewas in Kashmir valley held at SKICC Srinagar, 20th March 2014).
3. Gh Uddin Bhat, M. Yaseen Bhat “Hydrogeological studies in parts of Karewa table lands with special references to water potentialities, water level fluctuations and water quality” (Paper

presented in CGWB workshop on Impact of climate change on Groundwater resources of Karewas in Kashmir valley held at SKICC Srinagar, 20th March 2014).

4. M Yaseen Bhat “ Geochemical mapping for sulphide mineralization in Hapatkhai watershed, NW Kashmir Himalaya” (Paper presented in International conference on Geohazards, Biodiversity, resource Sustainability and Mountain Response to Global Change, held at University of Kashmir, 4-5th June 2014).

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S. No	Item	Unit	1st	2nd	3rd	Total Progress (3+4+5)
	1	2	3	4	5	6
1.	Geological Mapping (Detailed)	Lacs Sq. Mtrs.	34,000	1,56,000	1,34,000	3,24,000
	Geological Mapping (Rec.)	Sq. Kms	13	77	81.75	171.75
	Pitting Trenching	Cu. Meters	20	84	92	196
	Samples Collected	Nos.	38	151	128	317
	Samples Analyzed	Nos.	90	81	63	234
2.	Drilling	Meters	-	-	-	-
	Borehole Logging	Meters	21.336	67.3371	68.8668	157.5399

REFERRED ENGINEERING ASSIGNMENTS TO GEOLOGY WING, JAMMU.

ENGINEERING GEOLOGY		
1.	Geotechnical Investigation of Doda -Kishtwar Road from PremNagar towards Kishtwar, District Kishtwar. O/IC : Shiv Kumar, GG-III	Departmental Program
2.	Geotechnical Investigation of landslide in village Ajna Tehsil & District Kishtwar.O/IC : Shiv Kumar, GG-III	Referred by District Administration, Kishtwar
3.	Geotechnical Investigation of landslide in village Arai, Teh. Mandi of District Poonch. O/IC :Dr. Raj Kumar, GG-II	Referred by District Administration, Poonch.
4.	Geotechnical Studies of under construction road from Bhalra to Gurkha under PMGSY, Block Bhadherwah, District Doda. O/IC :Dr. J. S. Jamwal, GG-I	Referred by PMGSY Doda, District Doda.
5.	Geotechnical studies of sliding down of the uphill side near Sukrala Mataji Bus Stand, District Kathua O/IC :Dr. Surinder Singh, GG-I	Referred by Lakhanpur-Sarthal Development Auth., Lakhanpur, Distt Kathua.
6.	Geotechnical studies for effected multistoried buildings located in Jyotipuram area of District Reasi. O/IC : Sh. Janak Raj, Mineral Officer.	Referred by District Administration, Reasi.
7.	Geotechnical Investigation of soil testing at Tower LOC No. 90 and 104 of 132 KV Rajouri-Draba Transmission Line.O/IC :Dr. Raj Kumar, GG-II	Referred by PDD Rajouri.
8.	Assessment of risk to the families residing in Landslide prone zone in Panchyat Juthal, Teh. Choura, Jammu. O/IC Dr. J. S Jamwal GG -I	Referred by Sub District Adm. Chowki Choura.

PHYSICAL AND FINANCIAL ACHIEVEMENTS OF DRILLING WING, JAMMU.

S.No	Period	Drilling Progress (in mtrs.)
1	Quarter 1 st	57.90 mtrs.
2	Quarter 2 nd	74.37 mtrs.
3	Quarter 3 rd	99.83 mtrs.
4	January, 2015	43.78 mtrs
Total Progress w.e.f 1st April, 2014 to 31st January 2015		275.88 mtrs.

PHYSICAL AND FINANCIAL ACHIEVEMENTS OF DRILLING WING, KASHMIR.

S. No.	Achievements	Quarter I	Quarter II	Quarter III
A.	<u>Physical:</u>			
i.	Total Drilling Progress.	220.16 mts	93.83 mts	251.12 mts
ii.	Tube well constructed.	01	nil	01
iii.	No. of Ground water Explorations completed.	01	nil	03
B.	<u>Financial :</u>			
i.	Revenue realized on account of Tube well construction.	Rs 6,58,579/-	nil	nil
ii.	Revenue realized on account of auction of unserviceable stores & machines.	Rs 30, 25000/-	-	-