



Department of Geology

Shaheed Himayun Muzzamil Memorial – Govt. Degree College Anantnag
Khanabal, Anantnag - 192101



No: Geol/29/26

Date: 21-10-2026

GEOLOGICAL (EXPERIENTIAL LEARNING) FIELD-TOUR - II REPORT

The Department of Geology at Shaheed Himayun Muzzamil Memorial-Government Degree College Anantnag conducted a geological (experiential learning) field-tour to Daksum (Kokernag) for the 1st and 3rd semester geology major/minor students on 19-10-2026, as a requirement prescribed in the syllabus. In this Field-Tour the students got an opportunity to study the evolution of the carbonate rocks, and how to identify these in the outcrops. The students also learnt the formation of distinct rock types and landforms/landscapes, additionally, the students measured the orientation (strike and dip)



of the rocks for geological mapping. The students learnt the identification of sedimentary structures, imbrication in particular. The students also collected some typical fossil samples for the geological museum of the department.



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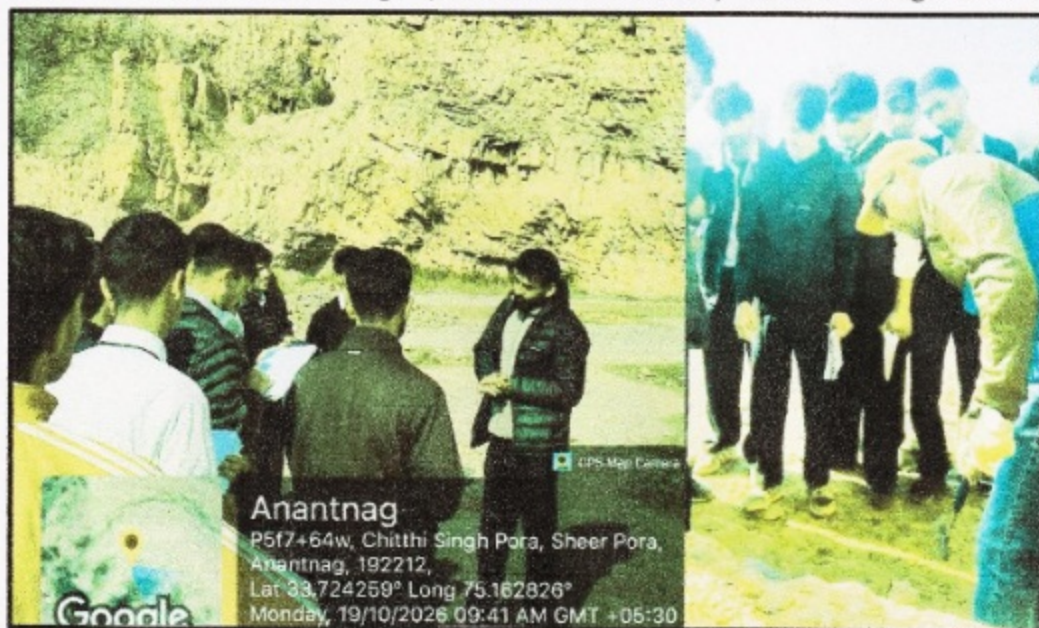


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The field -party comprising of registered students from the department of geology and staff-members from the college (lists attached herewith) left the college for the



mountainous outcrops towards Daksum (Kokernag) at 09:00 AM. The description of the field-stops where the studies were done is as under:

(1) Limestone Quarry

I (Sheer Pora):

Here, the students studied the thick



and massive limestone unit with alternating mud laminae and beds of calcareous mudstone/shale. The students learnt how to identify bedding and found the orientations of the exposed planes. The students discussed the evolution of the carbonate rocks (like, limestone, dolomite, rhodochrosite, ankerite etc.). Students



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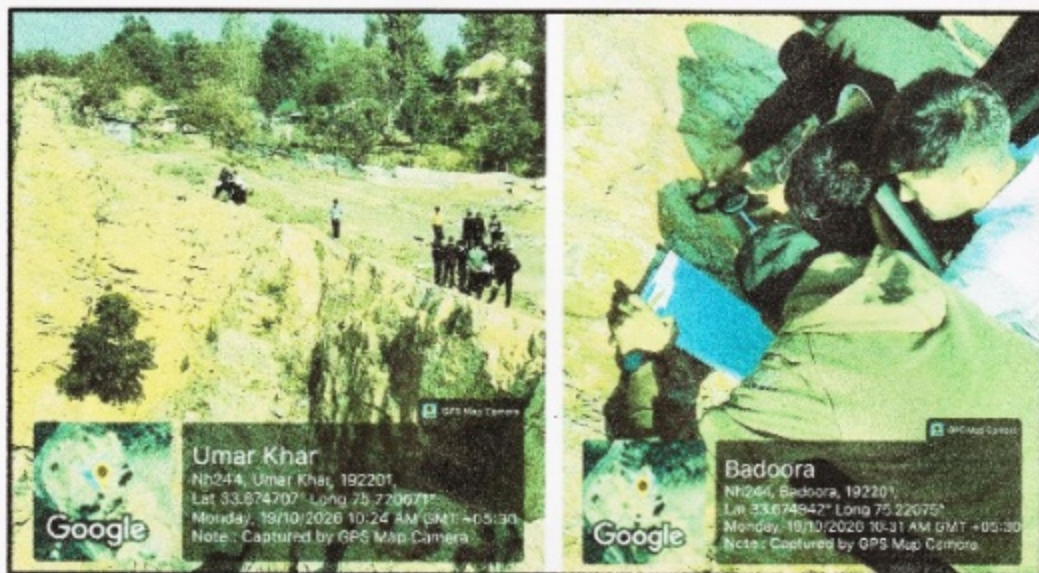
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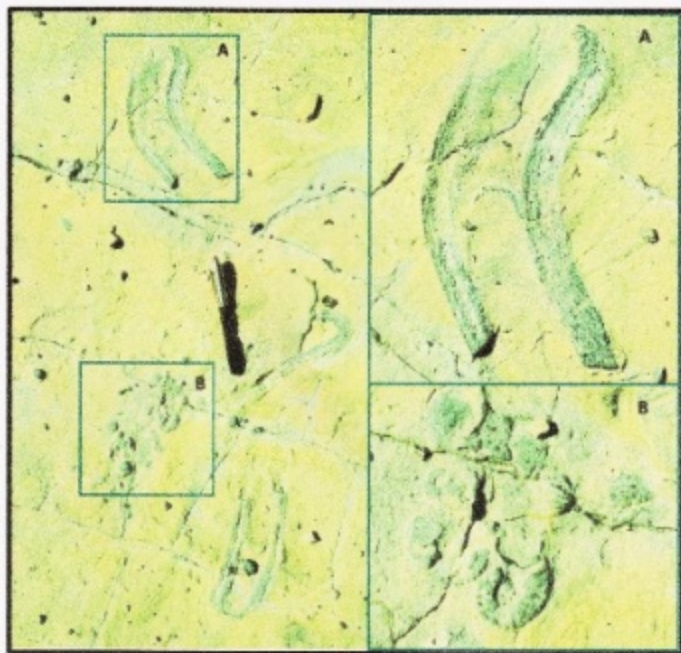
also learnt the use of the form-lines to trace the bedding for geological sketching and mapping. A peculiar rock type called as TEMPESTITE was also studied, these rocks record the history of the storms and similar events that have occurred in the geological past.



(2) Limestone Quarry II

(Umar Khar/Badoora):

Here, along the upslopes and the bedding planes the students measured the strike and dip of the bedding planes and found the strike continuity of the outcrops. The students also identified numerous fossils that were exposed on the bedding planes.





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- (3) Daksum: In this area, along the road cut section, the students were appraised about the identification of typical metamorphic rock types like phyllite. The students were made familiar with the formation of these rock types, that are formed by metamorphic activity. The students also identified the sedimentary structures and were appraised about the importance of IMBRICATION in the riverine deposits.





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The geological fieldwork concluded with the return of the field party back to the college at 04:15 pm.

Acknowledgements: *This fieldtrip was not possible without the continuous support of the principal of the college Prof. (Dr) Mushtaq Ahmad Malik, the department of geology is highly indebted to him for his unwavering support, thanks are also due to the experiential learning tour committee of the college headed by Prof. Siana Munshi (Head, Department of Environmental Sciences) for making all the arrangements.*

Report submitted to: Principal, SHMM-Govt. Degree College Anantnag

Report drafted by: Dr Naveen Hakhoo

HOD Geology
Shaheed Himayun Muzzamil Memorial
Govt. Degree College Anantnag



Govt. of J&K (UT)
Higher Education Department
उच्च शिक्षा विभाग



OFFICE OF THE PRINCIPAL
Shahid Hanuman Mazraat Memorial

Govt. Degree College Anantnag

Khanabal, Anantnag - 192101 (J&K) | NAAC Accredited Grade 'B' | U.G.A. 2018

No. *2/2023/2023*

Dated *17/10/2023*

The following officers/officials of this College are hereby directed to accompany students (U.G. & Postgraduate) in connection with the Home camp tour to Kokernag, Dalgate, scheduled on 19-10-2023. The list of students is enclosed herewith this order for Announcements. Furthermore, the accompanying staff members are directed to ensure their presence at the College at 08:00 a.m. precisely on the scheduled date along with the students. The safety and discipline of the students shall be the sole responsibility of the accompanying staff. The students and the accompanying staff members shall be transported through SATC Buses(s).

S.NO	Name of Officer/ official	Designation
01	Dr. Navin Hakhoo	Associate Professor
02	Dr. Mohd Ahsan Ullah	Assistant Professor
03	Mr. Faraz Ahmad Khan	Lab. Assistant

[Signature]
Principal

Copy to:

1. Convener subject Tours for information.
2. Head Geology for compliance and note.
3. All the concerned for compliance and note.

Annexure A

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: 1ST

S No	Name	Contact Number	Roll Number	Major/Minor	Parental Consent
1.	Hilal Ahmad Mochi		2614003	Major	Yes
2.	Saqib Nazir Malla		2614011	Major	Yes
3.	Moomin Hussain		2614021	Major	Yes
4.	Sarmad Shafiq		2614010	Major	Yes
5.	Furqan Fairouz		2614013	Major	Yes
6.	Rayees Javaid Ganie		2614004	Major	Yes
7.	Hazik Iqbal Malla		2614007	Major	Yes
8.	Raja Haris Fayaz		2614005	Major	Yes
9.	Waseem Ahmed		2614020	Major	Yes
10.	Arbaz Farooq		2614016	Major	Yes
11.	Mohd. Fahad Alam		2614002	Major	Yes
12.	Taskeen-ul-Hassan Tantray		2614017	Major	Yes
13.	Ufaifa Noor		2614012	Major	Yes
14.	Ahsan Fayaz			Major	Yes
15.	Mutahir Mushtaq		2614001	Major	Yes
16.	Irfan Farooq			Major	Yes
17.	Azhan Nasir		2627039	Minor	Yes
18.	Irfan Yousuf		2627013	Minor	Yes
19.	Danish Iqbal		2627024	Minor	Yes
20.	Imran Ahmad Chopan		2623003	Minor	Yes
21.	Dar Mujeeb Shabir		2615066	Minor	Yes
22.	Aafaq Nazir		2615055	Minor	Yes
23.	Suzaif Hussain Lone		2606010	Minor	Yes
24.	Peerzada Sameer Ahmad Shah		2614059	Minor	Yes

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: 3RD

S No	Name	Contact	Roll Number	Major/Minor	Parental Consent
1.	Sharif Manzoor		701	Major	Yes
2.	Ahtisham-Ul-Haq		710	Major	Yes
3.	Sahreena Jan		708	Major	Yes
4.	Mohsin Gulzar		1008	Major	Yes
5.	Danish Aijaz		703	Major	Yes
6.	Taseen Ahmad Dar		705	Major	Yes
7.	Murtaza Yaqoob		706	Major	Yes
8.	Shakir Mushtaq Lone		711	Major	Yes
9.	Bisma Bashir		707	Major	Yes
10.	Farhand Shabir Sheikh		702	Major	Yes
11.	Seerat Shabir		704	Major	Yes
12.	Mohd. Maqbool Wagay		25422	Major	Yes

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP TO DAKSUM

SEMESTER: 1ST ATTENDANCE (19-10-2026)

S No	Name	Contact Number	Signature	Morning	Afternoon	Evening
1.	Hilal Ahmad Mochi		<u>Hilal</u>	P	P	P
2.	Saqib Nazir Malla		<u>Saqib</u>	Absent	Absent	Ab
3.	Moomin Hussain		<u>Moomin</u>	P	P	P
4.	Sarmad Shafiq		<u>Sarmad</u>	P	P	P
5.	Furqan Fairouz		<u>Furqan</u>	Absent	Ab	Ab
6.	Rayees Javaid Ganie		<u>Rayees</u>	Absent	Ab	Ab
7.	Hazik Iqbal Malla		<u>Hazik</u>	Absent	Ab	Ab
8.	Raja Haris Fayaz		<u>Raja</u>	P	P	P
9.	Waseem Ahmed		<u>Waseem</u>	P	P	P
10.	Arbaz Farooq		<u>Arbaz</u>	Absent	Ab	Ab
11.	Mohd. Fahad Alam		<u>Fahad</u>	P	P	P
12.	Taskeen-ul-Hassan Tantray		<u>Taskeen</u>	P	P	P
13.	Ufaifa Noor		<u>Ufaifa</u>	Absent	Ab	Ab
14.	Ahsan Fayaz		<u>Ahsan</u>	P	P	P
15.	Mutahir Mushtaq		<u>Mutahir</u>	Absent	Ab	Ab
16.	Irfan Farooq		<u>Irfan</u>	P	P	P
17.	Azhan Nasir		<u>Azhan</u>	Absent	Ab	Ab
18.	Irfan Yousuf		<u>Irfan</u>	P	P	P
19.	Danish Iqbal		<u>Danish</u>	Absent	Ab	Ab
20.	Imran Ahmad Chopan		<u>Imran</u>	P	P	P
21.	Dar Mujeeb Shabir		<u>Dar</u>	Absent	Ab	Ab
22.	Aafaq Nazir		<u>Aafaq</u>	Absent	Ab	Ab
23.	Suzaif Hussain Lone		<u>Suzaif</u>	Absent	Ab	Ab
24.	Peerzada Sameer Ah. Shah		<u>Peerzada</u>	Absent	Ab	Ab

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP TO DAKSUM

SEMESTER: 3RD ATTENDANCE (19-10-2026)

S No	Name	Contact	Signature	Morning	Afternoon	Evening
1.	Sharif Manzoor		<u>Sharif</u>	P	P	P
2.	Ahtisham-Ul-Haq		<u>Ahtisham</u>	P	P	P
3.	Sahreena Jan		<u>Sahreena</u>	Absent	Ab	Ab
4.	Mohsin Gulzar		<u>Mohsin</u>	P	P	P
5.	Danish Aijaz		<u>Danish</u>	P	P	P
6.	Taseen Ahmad Dar		<u>Taseen</u>	P	P	P
7.	Murtaza Yaqoob		<u>Murtaza</u>	Absent	Ab	Ab
8.	Shakir Mushtaq Lone		<u>Shakir</u>	P	P	P
9.	Bisma Bashir		<u>Bisma</u>	P	P	P
10.	Farhand Shabir Sheikh		<u>Farhand</u>	P	P	P
11.	Seerat Shabir		<u>Seerat</u>	P	P	P
12.	Mohd. Maqbool Wagay		<u>Mohd.</u>	Absent	Ab	Ab



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TO WHOM IT MAY CONCERN

This is to certify that the staff and students (Annexure 1) of the Department of Geology at SHMM-Govt. Degree College Anantnag are heading to Daksum/Kokernag for Geological Fieldwork (Experiential Learning Tour) and will be carrying with them the field equipment like – Geological Hammer, Brunton Compass, Camera, Hand Lens etc.

This field trip has been approved by the competent authority, and the field party may be provided with all possible help during the field trip for the smooth conduct of the same.

Head, Department of Geology