## **Environment and Social Screening Report**

September: 2020

**Project ID: P154990** 

**Subproject:** Construction of 4 roomed classroom blocks with separate toilet block for Boys and Girls at Govt. High School, Dogripora, Pulwama, J&K.

(Jhelum & Tawi Flood Recovery Project)

Prepared by PW (R&B) Department Kashmir: Government of Jammu & Kashmir, for the World Bank

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## **EXECUTIVE SUMMARY**

The devastating floods of September 2014 show negative impact on socio-economic aspects of the Union Territory of J&K (erstwhile state) and massive infrastructure damaged in Kashmir division. In response, a mission of the World Bank visited the J&K during February 1-6, 2015 in order to produce a rapid multi-sectoral assessment report of the damages and needs. The RDNA estimates the total damages and loss caused by floods at about INR 211,975 million (US\$ 3,550.45), most of it to housing, livelihoods, and roads and bridges, which combined represented more than 70% of the damages in terms of value. Public service infrastructure and equipment of hospitals and education centers were also severely damaged and are still not fully operational.

Based on the RDNA results and discussions with the GOJ&K, the "Jhelum and Tawi Flood Disaster Recovery Project (JTFRP)" will focus on restoring critical infrastructure using international best practice on resilient infrastructure. One of the sectors badly hit during the floods was education (school/college), the restorations of which have been included in the Component-1 of the World Bank investment.

Govt. High School, Dogripora, Pulwama (Kashmir) was affected by the floods due to the low lying area and its proximity to river Jehlum. The whole school Govt. High School, Dogripora, Pulwama was inundated up to 05 feet from the plinth height. The school stayed flooded for more than 10 days. The existing infrastructure of the school was severely damaged that included two old classroom block and one toilet block. The total roll of the students in the school is 188. Presently, the classroom block is not sufficed for the existing roll. The infrastructure shortcomings as put forth by students and staff are definitely a Gap for imparting quality education and can be met only after the execution of sub-project. After post floods school starts its rebuilding process and a proposal for the said sub-project "Construction of 04 roomed single story building with separate toilet block for boys and girls at Govt. High School, Dogripora" was finalized and included in Jhelum and Tawi Flood Recovery Project (JTFRP).

Subprojects under "Jhelum and Tawi Flood Recovery Project" have a prior requirement of screening which is based on three categories; viz., nature of the project, size of the project and location of the project that is sensitive area criteria. The objective of Environment and social screening is to identify the potentially significant environmental/ social issues of the subproject at an early stage for detailed Environmental and Social impacts.

The screening study revealed that the proposed sub-project does not involve land acquisition. As per the revenue record the sub-project is proposed on the government land on khasra number 1859 which is under the ownership of school (Appendix II). Footnotes given on the translated revenue documents shows that on Khasra number 1859-min Government High School Dogripora exists which is encumbrance free and there is no dispute in the village pertaining to the school. The school premise is provided with boundary walls from all sides & is free from any encroachment. There is no agricultural activity inside the school premises.

Public consultations were undertaken during the site visits in the sub- project areas on 08-09-2018 and thereafter on 27-06-2020. Teachers, students and people from village were informed about the proposed sub-project and their views were obtained.

The screening study reveals that there are no likely social or environmental impacts of the proposed sub-project. There is no requirement of land acquisition, no involuntary resettlement and physical or economic displacement.

## 1. INTRODUCTION

#### 1.1 Project Background

In September 2014, J&K experienced torrential monsoon rains in the region causing major flooding and landslides. The continuous spell of rains from September 2-6, 2014, caused Jhelum and Chenab Rivers as well as many other streams/tributaries to flow above the danger mark. The Jhelum River also breached its banks flooding many low-lying areas in Kashmir, including the capital. In many districts, the rainfall exceeded the normal by over 600%. Due to the unprecedented heavy rainfall the catchment areas particularly the low lying areas were flooded for more than two weeks. Some areas in Kashmir and in urban Srinagar and Anantnag stayed flooded for 28 days. Water levels were as high as 27 feet in many parts of Srinagar.

Based on the Rapid Damage Needs Assessment (RDNA) results, restoration works underway, and discussions with the GoJ&K, the project will focus on restoring critical infrastructure using international best practice on resilient infrastructure. Given the erstwhile state's vulnerability to both floods and earthquakes, the infrastructure will be designed with upgraded resilient features, and will include contingency planning for future disaster events. Therefore, the project aims at both restoring essential services disrupted by the floods and improving the design standard and practices in the erstwhile state to increase resilience.

#### 1.2 Project Development Objective

The Project Development Objective (PDO) is to support the recovery and increase disaster resilience in targeted areas of the Union Territory of J&K (erstwhile state), and increase the capacity of the erstwhile state entities to respond promptly and effectively to an eligible crisis or emergency.

The project is comprised of the following seven components:

- I. Reconstruction and strengthening of critical infrastructure (US\$60 million)
- II. Reconstruction of roads and bridges (US\$80 million)
- III. Restoration of urban flood management infrastructure (US\$50 million)
- IV. Strengthening and restoration of livelihoods (US\$15 million)
- v. Strengthening disaster risk management capacity (US\$25 million)
- VI. Contingent Emergency Response (US\$0 million)
- VII. Implementation Support (US\$20 million)

#### 1.3 Subproject Background

The objective of this component of the "Jhelum and Tawi Flood Recovery Project" is to support the reconstruction/restoration of damaged public buildings, such as schools, higher education buildings, hospitals, fire stations, and selected block and district offices, and other important public buildings. It will include the restoration of partially damaged structures and the reconstruction of fully damaged structures, including equipment and furniture. The component will finance infrastructure and equipment damaged by the disaster, and improvements to current structures to increase resilience. Assessments will be carried out to determine the extent of structural integrity and retrofitting/reconstruction needs. For colleges/schools, the reconstruction will be focused on replacement of damaged buildings. The component will also finance the repair and reconstruction of damaged hospitals, higher education, fire station, and other public buildings, including the procurement of equipment/furniture, etc.

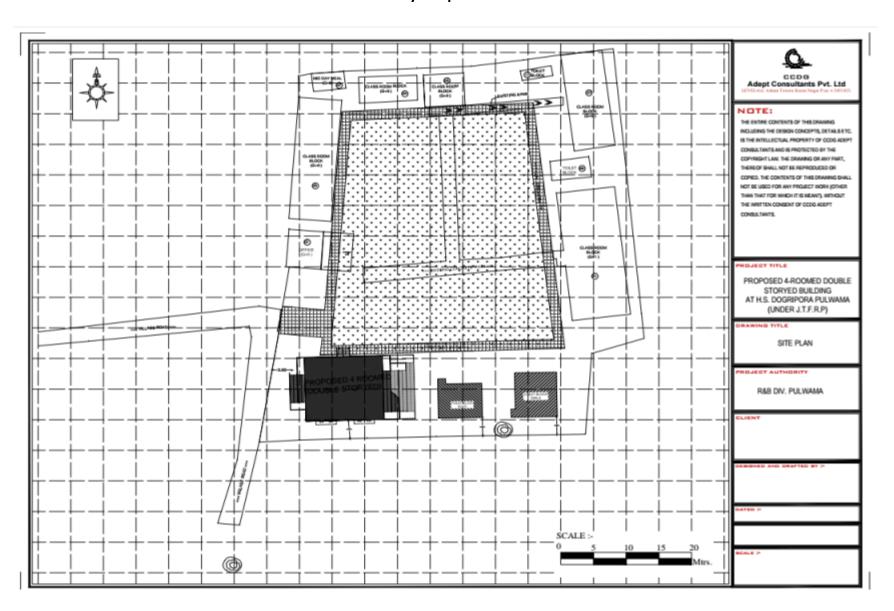
#### 1.4 Sub-project description

The proposed sub project "Construction 04 roomed single story building with separate toilet block for boys and girls at Govt. High school, Dogripora" is funded by World Bank. The Project Implementation Unit (PIU) for this sub-project will be Public Works (R&B) Department, (Kashmir) Govt. of Jammu & Kashmir.

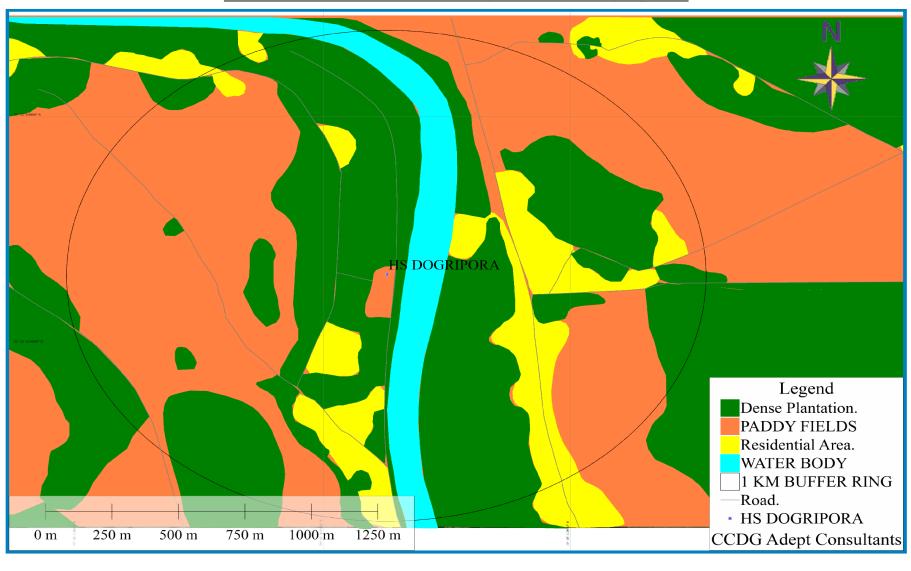
The classroom block will accommodate 04 classrooms. Besides separate washrooms blocks will be constructed for student's convenience with multiple cubicles. The execution of this subproject will result in effective academic activities. The design of these blocks has taken into consideration the seismicity of the region and other factors. Planning principles and design considerations have also been reviewed and incorporated into the site planning process whenever possible. The building shall rest on RCC Raft / Pile foundation with plinth beams as

per design. RCC Frame structure has been proposed with non load bearing panels of bricks/ hollow block( 110 mm brick work and 200 mm hollow block) masonry in cement for the building. RCC slab shall be laid over and shall be provided with steel roof truss with colour coated CGI sheets in accordance with structural design. Wooden frames of designed section shall be provided for doors, /Windows and glazed/panelled shutters wood or equivalent shall be provided in accordance with the approved architectural design. The wood work shall be painted / polished with paint of approved quality. The floor shall be of Kota/Terrazzo/ Vitrified Tiles/ Granite as per the norms freezed in CPWD cost index. All other areas including ceiling shall be cement plastered and finished with POP and emulsion paint of approved shade. The toilets shall be provided with concealed sanitary and plumbing pipes/fittings with the requisite fixtures, chinaware etc. in accordance with the approved specifications.

#### Lay out plan



## **Environmental Screening Of HS Dogripora**



#### 1.5 Objective of the Environmental and Social Screening

Subprojects under "Jhelum and Tawi Flood Recovery Project" commonly known as JTFRP have a prior requirement of screening which is based on three categories; viz., nature of the project, size of the project and location of the project that is sensitive area criteria. Based on this assessment, sub-projects with potentially significant environmental/ social issues are identified at an early stage for detailed Environmental/ Social impacts. Evaluate all the available information on environmental and social aspects as provided in the ESDS and assess, based on the level of expected environmental and social impacts including any field visits, whether the proposed subproject is classified in different categories as per World Bank guidelines.

#### 1.6 Methodology of Environment and Social Screening Study

The environment and social screening for the subproject has been carried out at the site by making use of a Environment and Social Screening Checklist (Appendix–I) that contains the relevant questions for identification of anticipated environment and social impacts due to execution of the subproject.

## 2. ENVIRONMENT AND SOCIAL ISSUES

#### 2.1 Environment Issues

The project is not anticipated to have adverse significant or irreversible negative environmental impacts neither during the construction phase, nor at operation phase. Impacts of the construction phase will be typical for all medium scale construction activities, short-term/temporary and limited to the project site. The sub-project shall be executed by demolition of the remains of existing structure declared unsafe. No Impacts small, medium or large scale shall be encountered during the operation phase as the same comprises of academic activity only. There are no sensitive areas like specially protected areas or threatened or endangered endemic species in or near the sub project area.

#### 2.2 Social Issues

#### 2.2.1 Availability of land

The proposed sub-project does not involve any land acquisition. As per the revenue record the sub-project is proposed on the government land on khasra number 1859 which is under the ownership of school (Appendix II). Footnotes given on the translated revenue documents shows that on Khasra number 1859-min Government High School Dogripora exists which is encumbrance free and there is no issue/dispute in the village. The school premise is provided with boundary walls from all sides & is free from any encroachment.

#### 2.2.2 Issues of Livelihood

None will suffer adverse impact on the livelihood resources. Since school building is proposed inside the existing school, there is no impact of any commercial establishment or anything associated with livelihood.

Positive impacts will be anticipated in terms of employment opportunity as many skilled, semi skilled and un-skilled personnel will get direct and indirect employment during construction phase.

Therefore, based on the findings during survey, there are no adverse significant environmental as well as social impacts in sub-project area, hence, no further, special study or detailed Environmental Impact Assessment (EIA)/ Social Impact Assessment (SIA) needs to be undertaken.

### 3. PUBLIC CONSULTATION

In compliance with the World Banks guidelines, meaningful public consultations were undertaken during the site visits in the sub-project areas on 08-09-2018 and thereafter on 27/06/2020. It was disclosed by people during consultation that none does cultivation inside the school premises and site is encumbrance free. Different stakeholders of the subproject such as teachers, students, villagers, revenue officials and others who are directly or indirectly involved with the sub-project were informed about the proposed activities and their views were obtained (Appendix-III).

#### 3.1 Issues discussed

- Need of the subproject.
- Current facilities.
- Project and its source of assistance i.e. World Bank. Its implementation /execution etc.
- Proposed proposal for sub project
- Inconveniences during construction phase with academic activities.
- Study of Environment and Social Screening requirements and Concept of ESMP.
- Mitigation measures during construction phase.
- Social and Environmental and of the World Bank.
- Protection and conservation aspects of environmental attributes.
- Grievance Redressal Mechanism for the subproject.

#### 3.2 Outcome and suggestions

The following suggestions were received:

- Proper barricading of construction site during construction phase so that any untoward incident can be avoided in the school premises.
- That mitigation measures should be effective during construction phase.
- That those activities which cause major disturbances should be executed before
  or after school timing so that academic activity should not be affected.
- That site is encumbrance free.

## 4. ENVIRONMENTAL & SOCIAL MANAGEMENT PLAN

A detailed Environmental and social Management Plan (ESMP) will provide specific actions deemed necessary to assist in mitigating the environmental impacts, guide the

environmentally-sound execution of the subproject, and ensure efficient lines of communication between the implementing agency, project management unit, and contractors. The ESMPs will form part of the bid document and to be reviewed during implementation. The ESMP will be included in the contractual clauses and will be made binding on the contracting firm.

PW (R&B) department, Kashmir (PIU) implementing agency ensured that the requisite environmental mitigation measures shall be incorporated in ESMP and public consultation shall be a regular process during all stages of the sub-project to solve any issues arising out of the proposed works.

## **Appendix-I: Environment and Social Screening**

**Part A: General Information** 

Name of the sub-project	block fo	ction of 04 roomed block with separate toilet or boys and girls at Govt. High, school, Dogripora, aa, J and K, India
2. Type of proposed activity (tick the	applicab	le option and provide details)
<ul><li>Road</li></ul>	Х	
<ul><li>Bridge</li></ul>	Х	
Fire Station	Х	-
<ul> <li>Hospital/Health Facility</li> </ul>	Х	
Educational Institute	✓	Govt. High School, Dogripora
Building for Livelihoods	Х	
Flood Infrastructure Related	x	
Other Public Building	х	
<ul> <li>Any Other (Please Specify)</li> </ul>	х	
3. Location of the proposed sub-proje	ect	
Name of the Region		Jammu/Kashmir
Name of the District		Pulwama
Name of the Block		Pulwama
Name of the Settlement		Dogripora
<ul> <li>Latitude</li> </ul>		33 <sup>0</sup> 51 <sup>/</sup> 39 <sup>//</sup> N
<ul> <li>Longitude</li> </ul>		75° 02′ 37″E
4a. Proposed Nature of Work (tick th	ne applica	able options)
Minor Repairs		Х
<ul> <li>Major Repairs/Rehabilitation</li> </ul>		Х

<ul> <li>Upgrading/Major Improvement</li> </ul>	X
<ul> <li>Expansion of the facility</li> </ul>	X
New Construction	✓
Any Other	X
4b. Size of the sub-project  (approx. area in sq. mt/hac or length in mt/km, as relevant)	<b>323.21 sq.m</b> class room block 36sq.m toilet block <b>(361 sq.m)</b>
5. Land Requirement (in hac./sq.mt.)	
Total Requirement	361 sq.m
<ul> <li>Private Land</li> </ul>	Not required
Govt. Land	Available
Forest Land	Not required
6. Implementing Agency Details (sub-proje	ct level)
Name of the Department/Agency	PW(R&B) Deptt. Kashmir
Name of the contact person	Mr. Abdul Qayoom Kirmani
<ul> <li>Designation</li> </ul>	Superintending Engineer
Contact Number	9419951666
E-mail Id	sernbcrp@gmail.com
7. Screening Exercise Details	
Date on which it was carried out	08-09-2018
Name of the Person	Mr. Kaiser Rafiq
Contact Number	8713927709 / 7006382221
E-mail Id	rafiq.kaiser@yahoo.com

## Part B (1): Environment Screening

Question	Yes	No	Details
Is the sub-project located in when environmentally sensitive areas	-	oart wit	hin 1 km of the following
a. Biosphere Reserve		No	

b. National Park		No	
c. Wildlife/Bird Sanctuary		No	
d. Wildlife/Bird Reserve		No	
e. Important Bird Areas (IBAs)		No	
f. Habitat of migratory birds (outside protected areas)		No	
g. Breeding/Foraging/Migratory route of Wild Animals (outside protected areas)	2	No	
<ul> <li>h. Area with threatened/rare/ endangered fauna (outside protected areas)</li> </ul>		No	
<ul> <li>i. Area with threatened/rare/ endangered flora (outside protected areas)</li> </ul>		No	
j. Reserved/Protected Forest		No	
k. Other category of Forest		No	
ı. Wetland		No	
m. Natural Lakes		No	
n. Rivers/Streams	Yes		River Jehlum flows adjacent to the school
o. Swamps/Mudflats		No	
p. Zoological Park		No	
q. Botanical Garden		No	
4. Is the sub-project located in wl sensitive features?	nole or p	art wit	hin 500 mts. of any of the following
a. World Heritage Sites		No	
<ul><li>b. Archaeological monuments/ sites (under ASI's central/state list)</li></ul>		No	

c. Historic Places/Monuments/ Buildings/Other Assets (not listed under ASI list but considered locally important or carry a sentimental value)		NO	
d. Religious Places (regionally or locally important)		No	
e. Reservoirs/Dams		No	
f. Canals		No	
g. Public Water Supply Areas from Rivers/Surface Water Bodies/Ground Water Sources		No	
4. What is the High Flood Level in the sub-project area?	Sanga HFL o	am. of 08 fee	e in feets,115218 cusec discharge at et from the ground level was recorded hool premises
5. Is any scheduled/protected tree like Chinar, Mulberry or Deodar likely to be affected/ cut due to the project?		No	
6. Is the sub-project located in a landslide/heavy erosion prone area or affected by such a problem?		No	
7. Is sub-project located in an area that faces water paucity or water quality issues?		No	

Part I	B (2) : Result/Outcome of Environment	al Screening Exercise
1.	Environment Impact Assessment Required	No
2.	Environment Clearance Required	No
3.	Forest land Clearance/Diversion Required	No

4.	Tree Cutting Permission Required	No
5.	ASI (Centre/State) Permission Required	No
6.	Permission from ULB/Local Body/Department Required	Yes Permission for building construction will be required from Town Area Committee
7.	Any other clearance/permission required	Yes  Various Statutory clearances and NOC's / PUC's for establishment or operation of stone crushers, generators, vehicles etc shall be required to be obtained by the Contractor from the concerned authorities. Construction material will be procured only from permitted sites and licensed /authorized quarries/ borrow sites.

## Part C (1): Social Screening

1. Does the sub-proj	ect ac	tivity require acqu	uisition of land?	
Yes			No	V
		Private Land (so	η mts/hac.)	No
Give the following details:		Govt. Land (sq r	mts/hac.)	361 sqm (available)
		Forest Land (sq	mts/hac.)	No
2. Does the propose existing structure		project activity re	sult in demolitio	n/removal of
Yes			No	✓
If so, give the followin	g deta	ils:		
Number of public st	ructur	es/buildings	Nil	
<ul> <li>Number of commor (such as religious/cu water/wells/etc.)</li> </ul>		-	-	

<ul> <li>Number of private s private or public lar</li> </ul>	structures (located on nd)	-	
3. Does the propose	d project activity resul	t in loss of crops/trees	?
Yes		No	✓
4. Does the propose	d Project activity resul	t in loss of direct liveli	hood/ employment?
Yes		No	✓
	sed activity result in lo	•	st/pastures on which
Yes		No	✓
If yes, give the details to be lost (in acres/ha	s of the extent of area		
6. Does the propos	ed Project activity affe	ct scheduled tribe/cas	te communities?
Yes		No	✓

Part C (2): Result/Outcome of Social Screening Exercise

S.No.	Result/Outcome	
1.	Answer to all the questions is 'No' and only forest land is being acquired	NA
2.	Answer to any question is 'Yes' and the sub-project does not affect more than 200 people (i.e. either complete or partial loss of assets and/or livelihood)	No
3.	Answer to any question is 'Yes' and the sub-project affects more than 200 people (i.e. either complete or partial loss of assets and/or livelihood)	No

#### Outcome

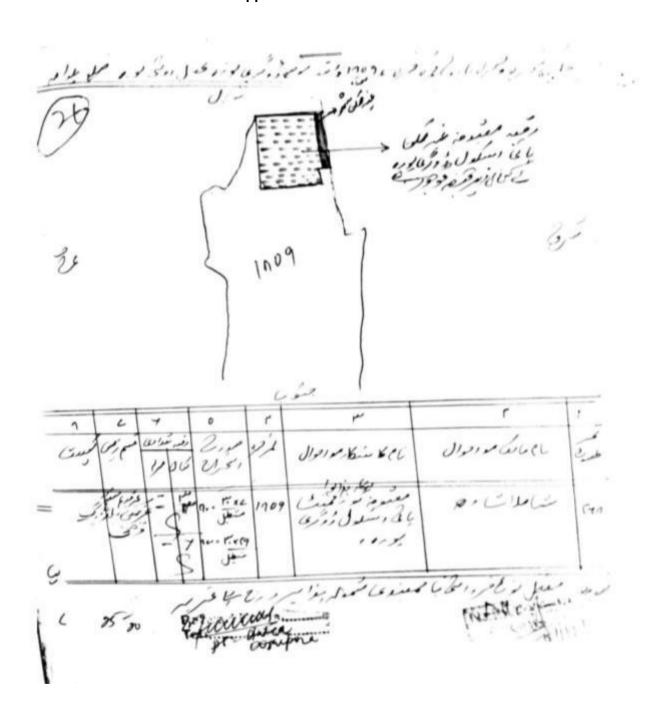
The proposed sub-project will not have any significant environmental & social impact. There may be some short term inconvenience to Staff, students and local citizens due to construction but it will be for very short period if comparing with the long term benefits to the public. To address the same, ESMP will be implemented during construction.

No EIA and SIA is required for the subproject site. However, the subproject would require preparation of ESMP.

## **Statutory Clearances/ No Objection Certificate**

Only Statutory clearances and NOC's / PUC's for establishment/operation of stone crushers, generators, vehicles etc shall be required to be obtained by the Contractor.

#### **Appendix-II: Revenue Record**



فردانخاب گرداوری با موضع خرگری بورسے تحصل اورشی بورس ضلع بدولیہ اورش میں اورشی بورس فلط بدول میں اور اورش میں اورش میں

## **Revenue Record (in English)**

# ENGLISH TRANSLATION COPY OF INTIKHABI JAMABANDI (REVENUE EXTRACTS) VILLAGE/ESTATE DOGRIPORA, TEHSIL AWANTIPORA, DISTRICT PULWAMA

: (1)	(2)	(3)	(4)	(5)	1 (0)		1						1924
M No	2	M Surr	Name of Owner with		(6)	(7)	(8)	(9)	(10)	(11)	223	12)	, (
	Khar	Neme	Details	Name of Cultivator with Details	Means of Irrigation	Nessa No	Total area	Mutable Lagan ax/Levy)	Typ.	1	Muta	tions &	
	907	As per No. 1	Government High School Dogripora	Government School	As per No. 1	1859	1K 6M 74K 2M 75K 8M		Baghi Khushki Banjri Qadeem	2		-	
NOTE				Total Khatta		Patch 1	75K 8M						

- In the land measuring 6Kanal under Khasra No. 1859-min Government High School Dogripora is existing and in the land under reference the school building and ground
- The school supra has taken all sides in its premises.

  The land under reference is free from all kinds of encumbrances and the school supra is having possession and there is no dispute in village to the same

Sd/- Naib Tehsildar Awantipora

## **Appendix-III: Signature Sheet and Consultation Photos**

## EACULTY/STUDENT/GENERAL INTERACTION/CONSULTATION ATTENDANCE SLIP

N. No.	Name With Profession	Designation Artantico	Address/Phone	Nignature
1.	Eghtak-ul. Amin	9HV/8	GHS, Deperper	cay x
2.	Anayat-Shabis	944/17	Do	Anagost
3.	Shaled Manzort	941/6	du	Shahid
4	Faizam'	941/15	do	+airon
5	Salit Jayaz	944/16	do	Soul
6	Your metwood	971 /14	20	yemy
7	Jahange Parkid	atu /7	Do /	Talyange
8	Naazir Rofier	9th/13	Do	Naazik
9	Shaista man zoos	961/3	Do	Shaiste
10	Arbeena Rafiq	9\$14	100	Arbema
11	Mehvish Manguel	94.15	Do	Envish.
	I 989 GULZAR	92/12	Do	194a
13	IGRA yousuf	9411	Do	IZRA
14	Fina Shakeel	91110	Do	Figa

## TACULTY STUDENT GENERAL INTERACTION/CONSULTATION ATTENDANCES LIE 9 N 1, DOZGATA

Date 27/06/2020 venue: Cataca Soul our Goul High school Darison.

. No.	Name With Profession	Designation/Stream	Address/Phone	Signature
4)	or Ashing Humain D.	v. Nezpreson	Wardporn, Dograporn 9797091403	· Wensel.
·y_	Mr Domil Day.	occupant of garden	STALL SALLS	1
îii)	Mr. Gulam Mohaman	Chinkidas - Roue  Dopti	962284200	1
(ví	Abdul Gani	farmer -	wasipora sograpora	· ·
v)	Mr. Aadil Ah. Da	Student	-00-	1. 101
vi)	Ab Gaeler Dar	man (occupan	0 -00-	
(ú)	Ab Khaliq Dar	1 5	a) -00	بدلی فی
				/
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Figure 0-1: Consultation Photos

## Consultation with staff and students.



**Consultation with locals** 





