

PROJECT INTERVENTIONS BOOKLET

(Work in Progress)



**SCALING-UP OF
GLACIAL LAKE
OUTBURST FLOOD
RISK REDUCTION
IN NORTHERN
PAKISTAN (GLOF-II)**



ABOUT OUR PROJECT

It aims at enhancing resilience of people to the impacts of climate change induced disasters in the glaciated areas of northern Pakistan. It is operating across 24 valleys in 10 districts of GB and 8 districts of KP

The project has the scope to install numerous automated weather stations and discharge monitoring equipment, mainstreaming GLOF issues into relevant policies and procedures, building small-scale flood protection infrastructure and providing alternative livelihood opportunities to the communities along with building resilience of the local communities through awareness raising and capacity building and enhance slope stabilization through bio-engineering techniques.

The total number of interventions being done under the project include, Early Warning System in 24 valleys, 240 Irrigation Channels, 250 Small-Scale Structures, 700 Hectare Area Slope Stabilization (plantation and bio-engineering structures), 24 Community Based Disaster Risk Management Centers, Hazard Watch Group formation, Mock drills, trainings, and awareness sessions in 24 Valleys





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1. KEY PROJECT TARGETS(2017-2024)

240

IRRIGATION SCHEMES

Irrigation schemes help control seepage losses and benefits the farmers by irrigating their fields with an adequate amount of water. As a result, crop command area and cropping intensity increases. The schemes increase capacity of existing micro-irrigation systems and rehabilitate irrigation channels through the installation of water efficient farming technologies.

250

SMALL SCALE INFRASTRUCTURES

The small scale infrastructures schemes like Gabion walls control the erosion and scouring of land from floods and provide protection to embankment in the form of retaining structures. Gabion walls have strong bases, which prevent them from being dragged away during floods. They also help to reduce the velocity of running water, as the rocks dissipate its energy, which helps to reduce erosion and cause heavy damage to local communities.

700 Ha

SLOPE STABILIZATION

Slope Stabilization schemes help reduce storm water runoff, which reduce erosion and pollution in waterways and mitigate GLOF effects. Slope Stabilization is ensured through plantation and bio-engineering structures. Indigenous plant species are used which are bare rooted, fast growing and soil binding.

24

CBDRM CENTERS

Community Based Disaster Risk Management (CBDRM) Centers provide a base to support community efforts for disaster planning, preparedness and effective response to disaster events.

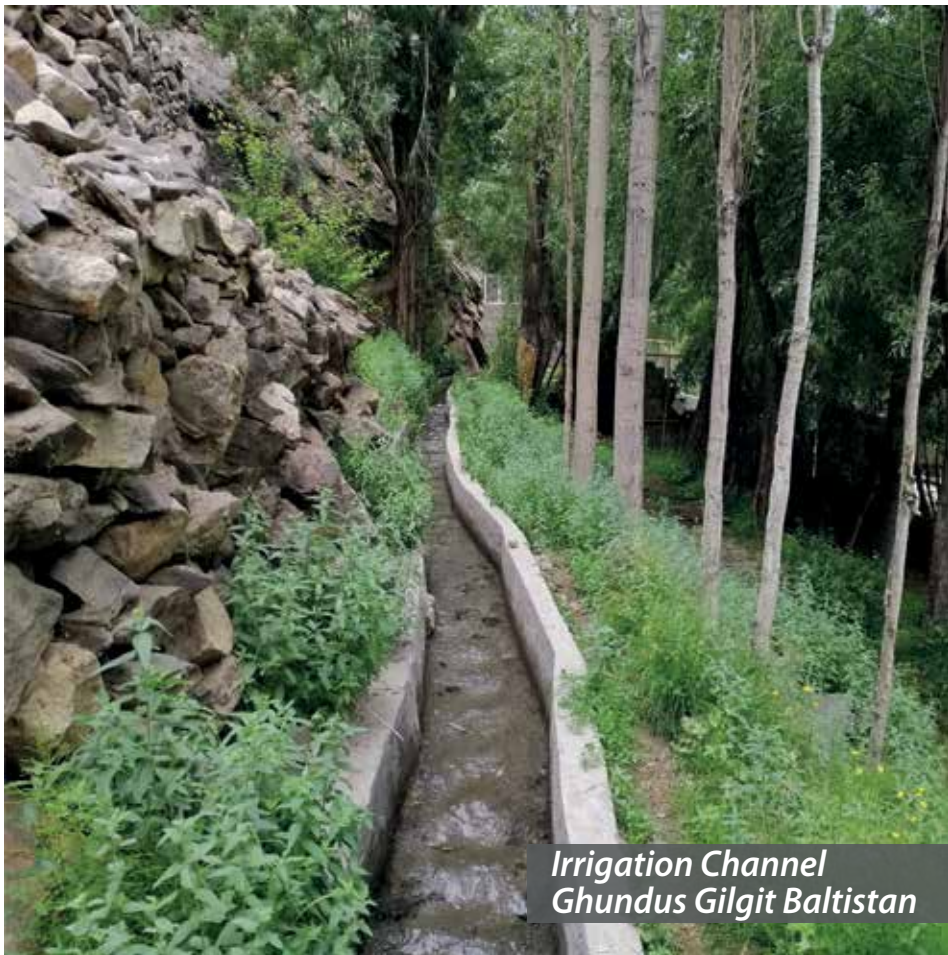
48

SAFE HAVENS

Safe havens will be built in the vulnerable communities for rescue and response activities that will be activated for use as temporary protection during GLOF and other disaster events.



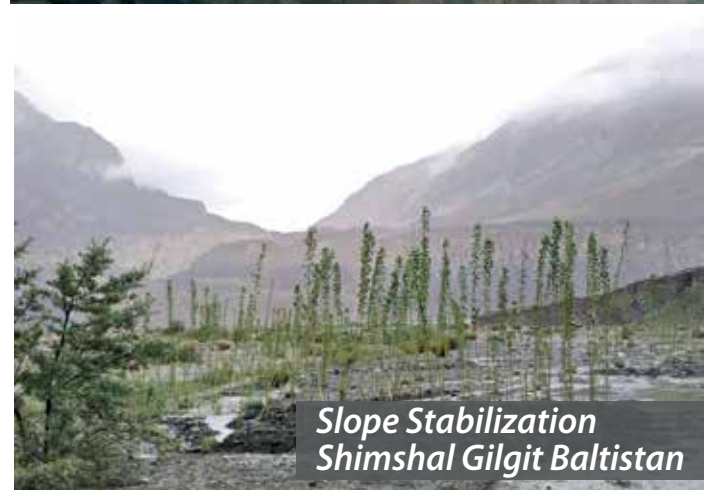
*Small Scale Infrastructure-Gabion Wall
Rupal, Gilgit Baltistan*



*Irrigation Channel
Ghundus Gilgit Baltistan*



*CBDRM Centre
Rupal, Gilgit Baltistan*



*Slope Stabilization
Shimshal Gilgit Baltistan*



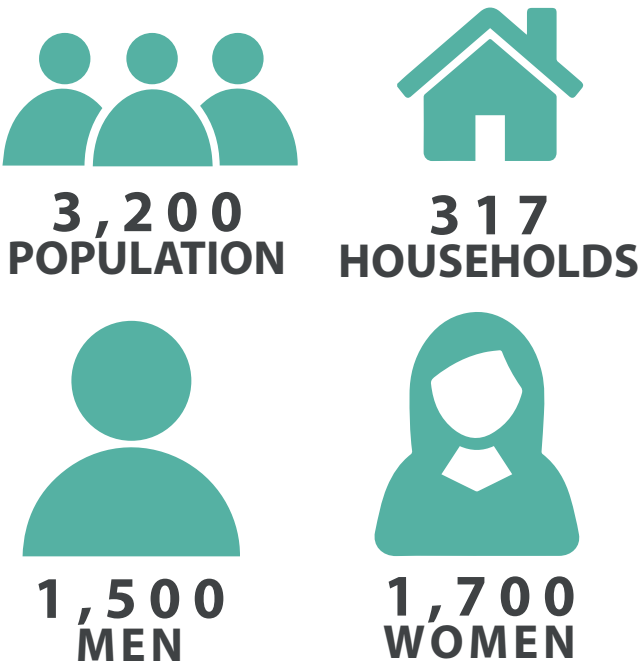


Borith, Gojal, Hunza-Gilgit Baltistan

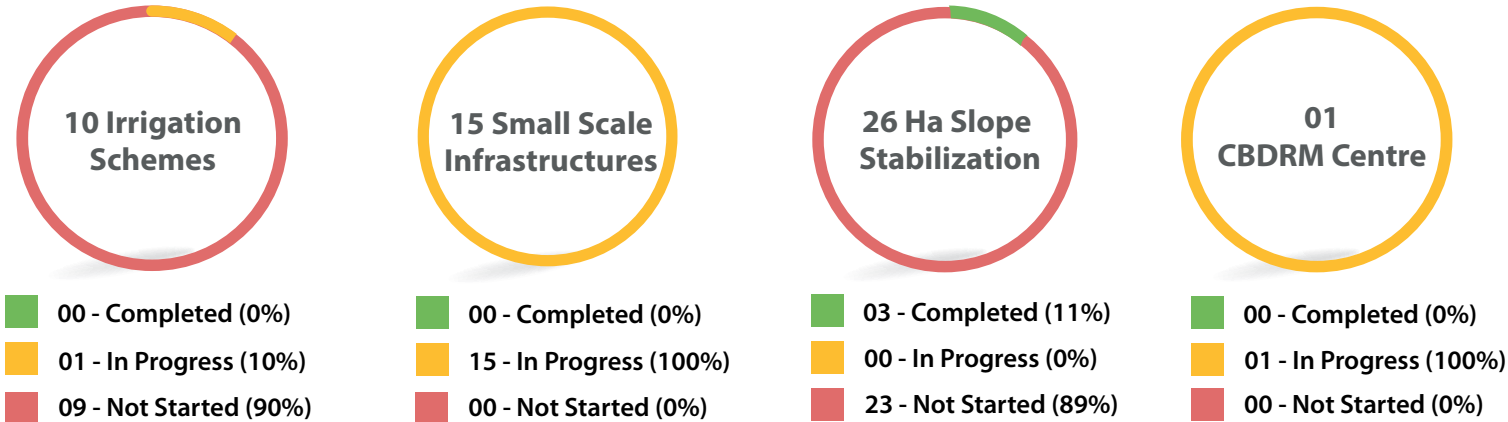
GILGIT BALTISTAN

3.1 Darkut-District Ghizer

Darkut is situated in district Ghizer of GB at a distance of 65 km from district headquarter, Gahkuch. The valley is close to the Broghal Valley of district Chitral of KP province. It is one of the tourist hub owing to its natural beauty. Burushaski speaking and Khowar languages are spoken commonly. The main source of income is livestock, agriculture and employment in armed forces. Ghorochi Glacier, Mandaybar Glacier, Ghamubar Glacier, Kharay Ghal Glacier and Garum Chashma Glacier surround the valley.



Infrastructure Progress



Irrigation Schemes

(Responsible Partner: Water Management Directorate)



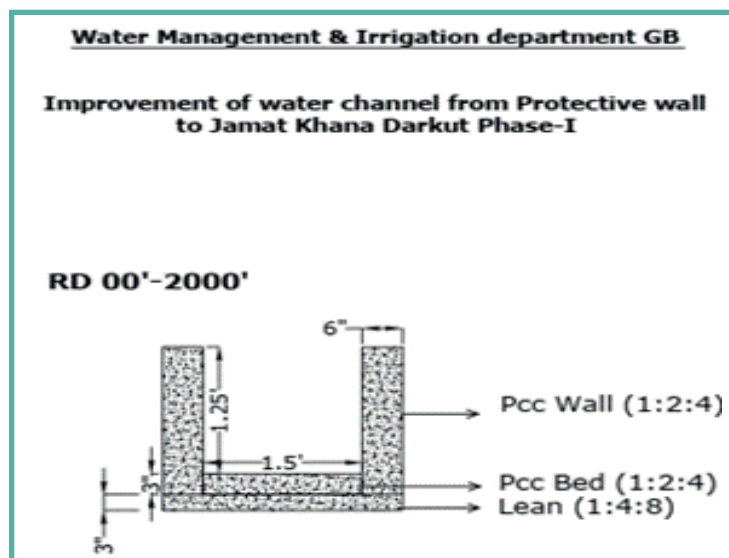
231 DIRECT
BENEFICIARIES
(Male: 118 ; Female: 113)



95 HECTARES
BENEFITTED AREA

● Water channel from Existing Protective Wall to Jamat khana (Phase-1)

GPS Coordinates N: 36.664217 E: 73.414239	Scheme Cost PKR: 1,190,195 USD: 6,763
Total Length of Scheme 609 meters	Present Status On Going (70% Completed)
Scheme Type Plain Cement Concrete Lining	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022



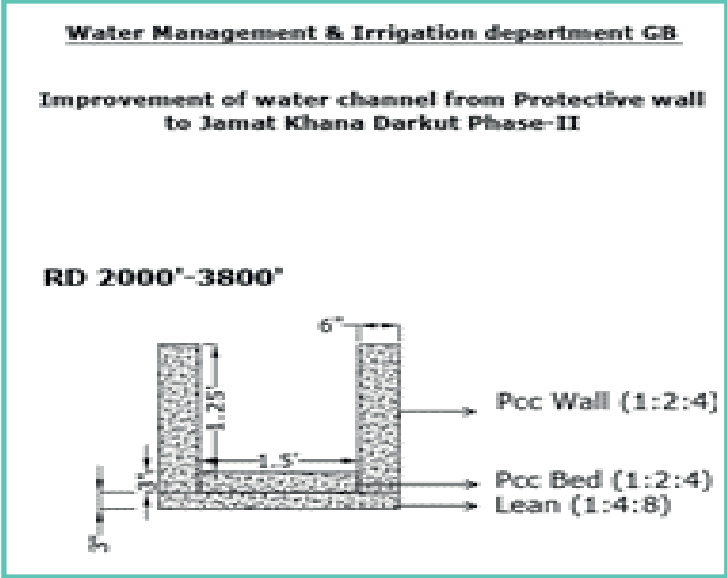
Scheme Design



Irrigation Site Darkot

● Water channel from Existing Protective Wall to Jamat khana (Phase-2)

GPS Coordinates N: 36.652838 E: 73.418515	Scheme Cost PKR: 1,063,561 USD: 6,044
Total Length of Scheme 549 meters	Present Status Not Yet Started
Scheme Type Plain Cement Concrete Lining	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022



Scheme Design



Irrigation Site Darkot

Small Scale Infrastructures

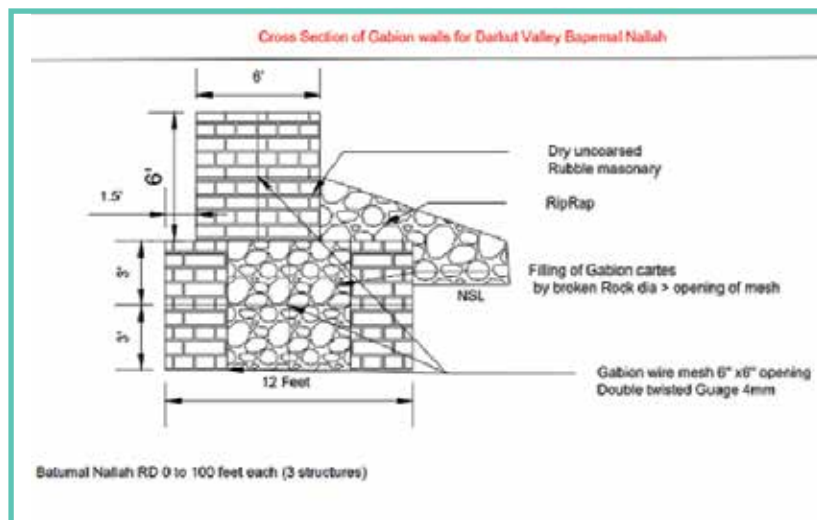
(Responsible Partner: Gilgit Baltistan Disaster Management Authority)



1,600 DIRECT
BENEFICIARIES
(Male: 768 ; Female: 832)



35 HECTARES
BENEFITTED AREA



Gabion Wall Design



Channelization Activity

● Protective work at Bapemal Nallah Structure 1

GPS Coordinates N: 36.64281 E: 73.41658	Scheme Cost PKR: 1,916,097 USD: 10,888
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022

- **Protective work at Bapemal Nallah Structure 2**

GPS Coordinates N: 36.64264 E: 73.41806	Scheme Cost PKR: 1,916,097 USD: 10,888
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction site of protective work at Bapemal Nallah

- **Protective work at Bapemal Nallah Structure 3**

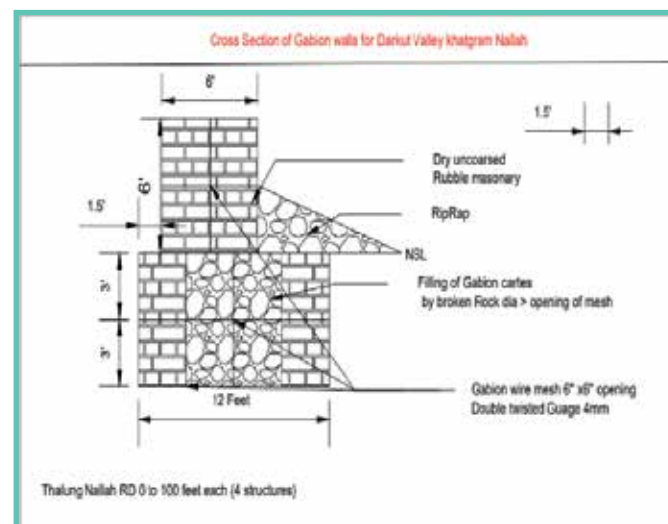
GPS Coordinates N: 36.64233 E: 73.41919	Scheme Cost PKR: 1,916,097 USD: 10,888
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction site of protective work at Bapemal Nallah

• Protective work at Khatgram Nallah Structure 1

GPS Coordinates N: 36.6386111 E: 73.4481944	Scheme Cost PKR: 1,867,530 USD: 10,612
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Scheme Design of protective work at Khatgram Nallah

• Protective work at Khatgram Nallah Structure 2

GPS Coordinates N: 36. 6380611 E: 73.44705	Scheme Cost PKR: 1,867,530 USD: 10,612
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Khatgram Nallah

- **Protective work at Khatgram Nallah Structure 3**

GPS Coordinates N: 36.6367694 E: 73.4456278	Scheme Cost PKR: 1,867,530 USD: 10,612
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Khatgram Nallah

- **Protective work at Khatgram Nallah Structure 4**

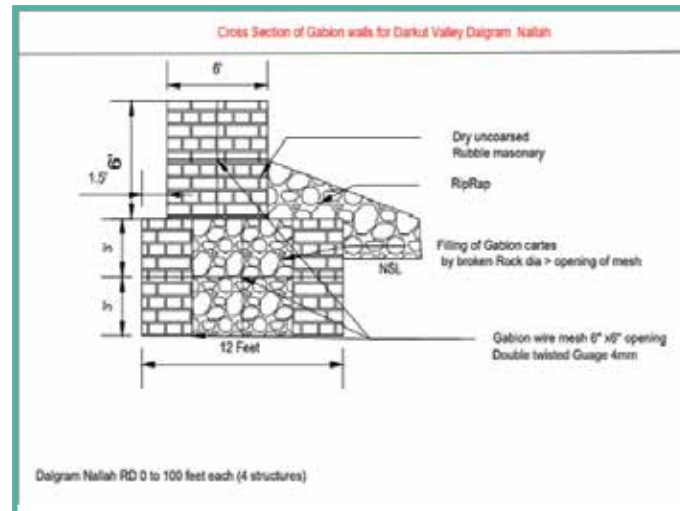
GPS Coordinates N: 36.6357472 E: 73.4443278	Scheme Cost PKR: 1,867,530 USD: 10,612
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Khatgram Nallah

• Protective work at Dalgram Nallah Structure 1

GPS Coordinates	Scheme Cost
N: 36.6469111 E: 73.4438	PKR: 1,918,323 USD: 10,901
Total Length of Scheme	Present Status
30 meters	On Going (35% Completed)
Scheme Type	Land ownership status
Gabion Wall	Communal Land
Scheme Start Date	Scheme End Date
1 st February, 2022	31 st August, 2022



Scheme Design of protective work at Dalgram Nallah

• Protective work at Dalgram Nallah Structure 2

GPS Coordinates	Scheme Cost
N: 36.6466972 E: 73.4423222	PKR: 1,918,323 USD: 10,901
Total Length of Scheme	Present Status
30 meters	On Going (35% Completed)
Scheme Type	Land ownership status
Gabion Wall	Communal Land
Scheme Start Date	Scheme End Date
1 st February, 2022	31 st August, 2022



Construction Site of protective work at Dalgram Nallah

• Protective work at Dalgram Nallah Structure 3

GPS Coordinates N: 36.646425 E: 73.4408583	Scheme Cost PKR: 1,918,323 USD: 10,901
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Dalgram Nallah

• Protective work at Dalgram Nallah Structure 4

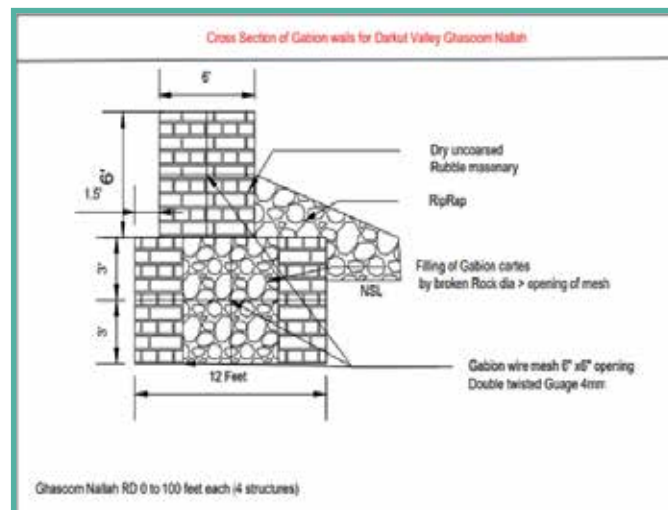
GPS Coordinates N: 36.6465722 E: 73.4398667	Scheme Cost PKR: 1,918,323 USD: 10,901
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Dalgram Nallah

• Protective work at Gasoon Nallah Structure 1

GPS Coordinates N: 36.6501556 E: 73.4231972	Scheme Cost PKR: 1,918,323 USD: 10,901
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Scheme Design of protective work at Gasoon Nallah

• Protective work at Gasoon Nallah Structure 2

GPS Coordinates N: 36.6538056 E: 73.4222194	Scheme Cost PKR: 1,918,323 USD: 10,901
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Gasoon Nallah

● Protective work at Gasoon Nallah Structure 3

GPS Coordinates N: 36.6524806 E: 73.4221917	Scheme Cost PKR: 1,918,323 USD: 10,901
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022



Construction Site of protective work at Gasoon Nallah

● Protective work at Gasoon Nallah Structure 4

GPS Coordinates N: 36.6491139 E: 73.4232917	Scheme Cost PKR: 1,918,323 USD: 10,901
Total Length of Scheme 30 meters	Present Status On Going (35% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st February, 2022	Scheme End Date 31st August, 2022




Construction Site of protective work at Gasoon Nallah

Slope Stabilization through Bio-Engineering and Plantation

(Responsible Partner: Forest & Wild Life Department)

- 10,000 Transplantation of Seabuck thorns.

GPS Coordinates N: 36.641977 E: 73.425035	Scheme Cost PKR: 420,000 USD: 2,387
Benefitted Area 03 Hectares	Present Status Completed
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 15 th November, 2021	Scheme End Date 30 th November, 2021

 **3,200** DIRECT BENEFICIARIES
(Male:1,500 ; Female:1,700)



Plantation Site for Darkot



Plantation Site for Darkot

Community Based Disaster Risk Management Centre

(Responsible Partner: Gilgit Baltistan Disaster Management Authority)

GPS Coordinates N: 36.38644 E: 73.26588	Scheme Cost PKR: 5,061,023 USD: 28,504
Total Land Area 116 meter	Present Status On Going (85% Completed)
Scheme Type Construction of CBDRM Center	Land ownership status Communal Land
Scheme Start Date 31st March, 2022	Scheme End Date 15th September, 2022



24 DIRECT
BENEFICIARIES
(Male: 20; Female: 04)



Construction of Darkot CBDRM centre

3.2 Badsawat-District Ghizer

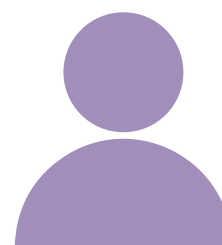
Badsawat Valley is situated in district Ghizer, GB at a distance of 52 km from district headquarter, Ghakuch. The valley is close to the Afghanistan border connected through Wakhan Corridor and the famous Qurumber Lake. Communities of either side share similar Wakhi culture and language. This route has remained a famous trade route between both the communities. The area lies under single cropping zone and the main source of income is livestock and agriculture. Main glaciers adjoining the valley include Badsawat Glacier, Pithkormin Glacier, Jingal lak Glacier, Kachiston Glacier and Yaaz Glacier.



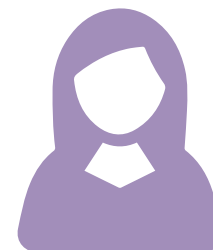
6 4 2
POPULATION



9 6
HOUSEHOLDS



3 1 2
MEN



3 3 0
WOMEN

Infrastructure Progress



00 - Completed (0%)
01 - Progress (10%)
09 - Started (90%)



01 - Completed (8%)
12 - In Progress (92%)
00 - Not Started (0%)



08 - Completed (33%)
00 - In Progress (0%)
18 - Not Started (67%)



00 - Completed (0%)
01 - In Progress (100%)
00 - Not Started (0%)

Irrigation Schemes

(Responsible Parnter : Water Management Directorate)



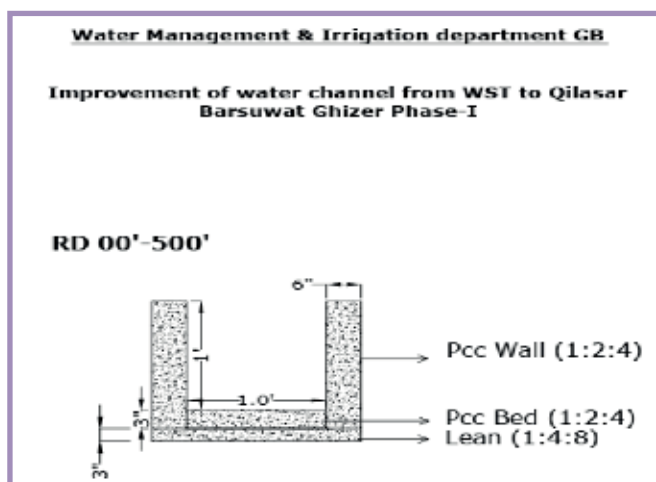
352 DIRECT
BENEFICIARIES
(Male:169 ; Female:183)



40 HECTARES
BENEFITTED AREA

- Water channel from Water Storage Tank to Qilasar Badsuwat Ghizer Phase-I**

GPS Coordinates N: 36.537899 E: 74.037629	Scheme Cost PKR: 643,338 USD: 3,656
Total Length of Scheme 247 meters	Present Status On Going (70% Completed)
Scheme Type 1) Plain Cement Concrete Lining 2) Precast Parabolic Section	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 15th July, 2022



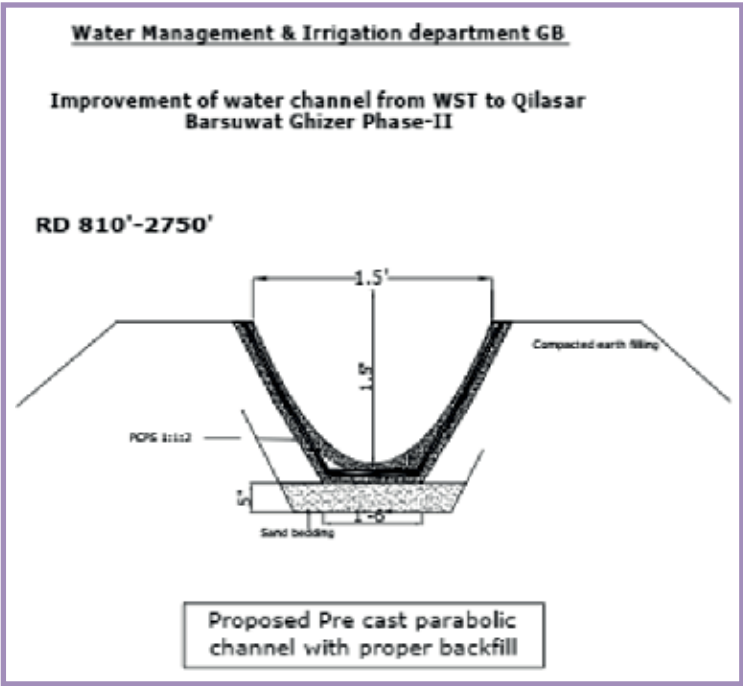
Scheme Design



During Implementation of work

● **Water channel from Water Storage Tank to Qilasar Badsuwat Ghizer Phase-II**

GPS Coordinates N: 36.538329 E: 74.034738	Scheme Cost PKR: 1,397,048 USD: 7,939
Total Length of Scheme 591 meters	Present Status Not Yet Started
Scheme Type 1) Plain Cement Concrete Lining 2) Precast Parabolic Section	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022



Scheme Design



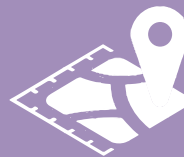
During Implementation of work

Small Scale Infrastructures

(Responsible Partner : Gilgit Baltistan Disaster Management Authority)



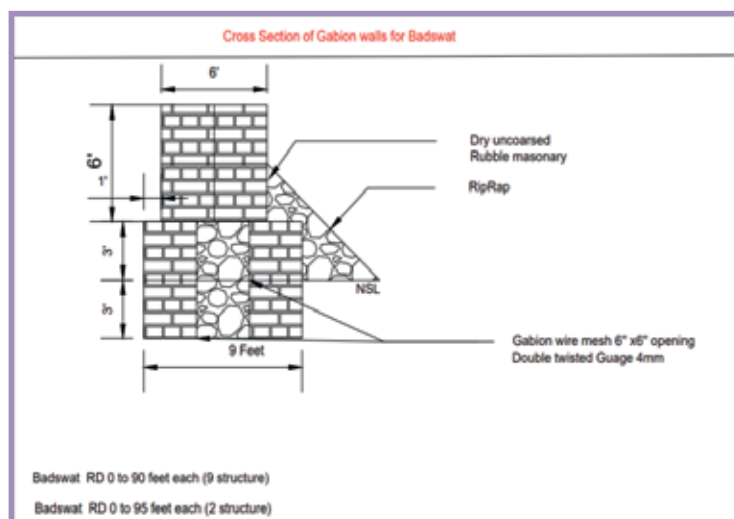
642 DIRECT
BENEFICIARIES
(Male: 312 ; Female: 330)



28 HECTARES
BENEFITTED AREA

● Protected Wall in Badswat Valley Structure 1.

GPS Coordinates N: 36.5382 E: 74.2503139	Scheme Cost PKR: 1,418,777 USD: 8,062
Total Length of Scheme 27 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Scheme Design



Pre-Construction of Protected wall in Badswat

- **Protected Wall in Badswat Valley Structure 2.**

GPS Coordinates	Scheme Cost
N: 36.53865 E: 74.2354889	PKR: 1,418,777 USD: 8,062
Total Length of Scheme	Present Status
27 meters	On Going (80% Completed)
Scheme Type	Land ownership status
Gabion Wall	Communal Land
Scheme Start Date	Scheme End Date
1 st December, 2021	25 th July, 2022



Pre-Construction of Protected wall in Badswat

- **Protected Wall in Badswat Valley Structure 3.**

GPS Coordinates	Scheme Cost
N: 36.5374111 E: 74.03563056	PKR: 1,418,777 USD: 8,062
Total Length of Scheme	Present Status
27 meters	On Going (80% Completed)
Scheme Type	Land ownership status
Gabion Wall	Communal Land
Scheme Start Date	Scheme End Date
1 st December, 2021	25 th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 4.**

GPS Coordinates N: 36.5375333 E: 74.03479167	Scheme Cost PKR: 1,418,777 USD: 8,062
Total Length of Scheme 27 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 5.**

GPS Coordinates N: 36.53825 E: 74.03419444	Scheme Cost PKR: 1,418,777 USD: 8,062
Total Length of Scheme 27 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 6.**

GPS Coordinates N: 36.538375 E: 74.03343611	Scheme Cost PKR: 1,418,777 USD: 8,062
Total Length of Scheme 27 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 7.**

GPS Coordinates N: 36.5389139 E: 74.2516833	Scheme Cost PKR: 1,418,777 USD: 8,062
Total Length of Scheme 27 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 8.**

GPS Coordinates N: 36.5389167 E: 74.03224167	Scheme Cost PKR: 1,261,135 USD: 7,166
Total Length of Scheme 24 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Proposed Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 9.**

GPS Coordinates N: 36.5389194 E: 74.03224444	Scheme Cost PKR: 1,261,135 USD: 7,166
Total Length of Scheme 24 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley Structure 10.**

GPS Coordinates N: 36.5389222 E: 74.03224722	Scheme Cost PKR: 1,261,135 USD: 7,166
Total Length of Scheme 24 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley
Structure 11.**

GPS Coordinates N: 36.538925 E: 74.03224722	Scheme Cost PKR: 1,261,135 USD: 7,166
Total Length of Scheme 24 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Protected Wall in Badswat Valley
Structure 12.**

GPS Coordinates N: 36.5389278 E: 74.03225	Scheme Cost PKR: 1,261,135 USD: 7,166
Total Length of Scheme 24 meters	Present Status On Going (80% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 25th July, 2022



Construction site of Protected wall in Badswat Valley

- **Channelization of 1200 RFT (366 meters) and making bund of excavated material**

GPS Coordinates N: 36.5382556 E: 74.03346111	Scheme Cost PKR: 1,968,624 USD: 11,187
Total Length of Scheme 366 meters	Present Status Completed
Scheme Type Earth Work	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 28th February, 2022



Proposed Construction site of Protected wall in Badswat Valley

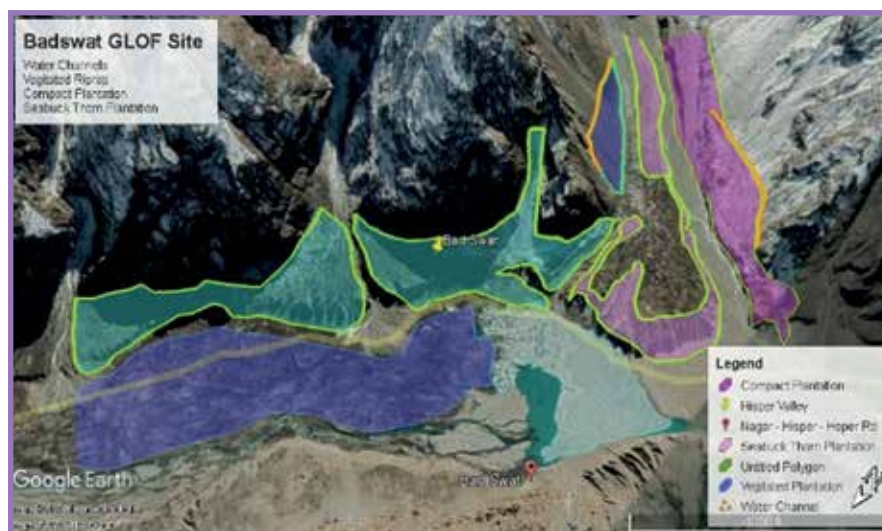
Slope Stabilization through Bio-Engineering and Plantation (Responsible Partner : Forest & Wild Life Department)



642 DIRECT
BENEFICIARIES
(Male: 312 ; Female: 330)

● Alfa Alfa Seeding 62 kg

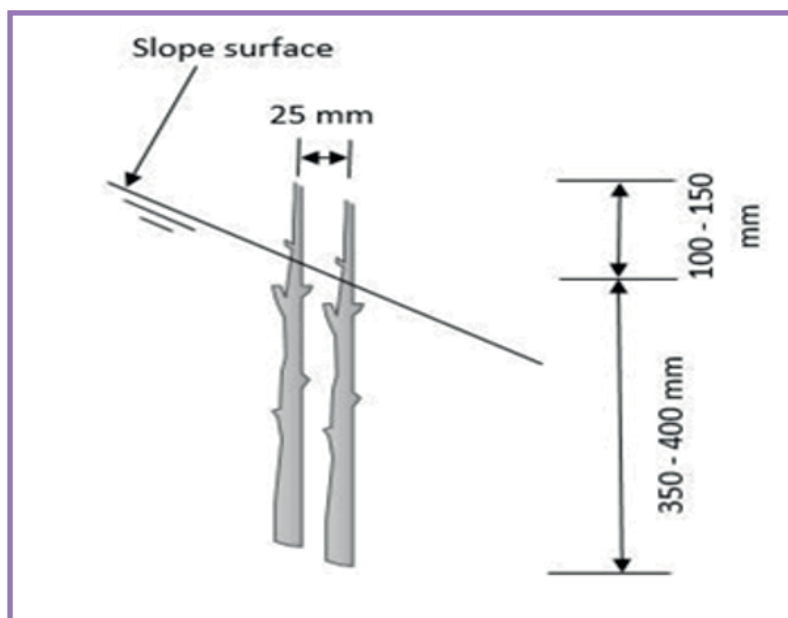
GPS Coordinates N: 36.502448 E: 73.902103	Scheme Cost PKR: 136,338 USD: 775
Benefitted Area 03 Hectares	Present Status Completed (62 kg Alfa Alfa seeding)
Scheme Type Vegetation	Land ownership status Communal Land
Scheme Start Date 22nd October, 2021	Scheme End Date 30th November, 2021



Proposed Site Badsawat

● Transplantation of 10,000 Seabuck Thron

GPS Coordinates N: 36.641977 E: 73.425035	Scheme Cost PKR: 420,000 USD: 2,387
Benefitted Area 03 Hectares	Present Status Completed (10,000 trees planted)
Scheme Type Vegetation	Land ownership status Communal Land
Schemes Start Date 17th November, 2021	Schemes End Date 30th November, 2021



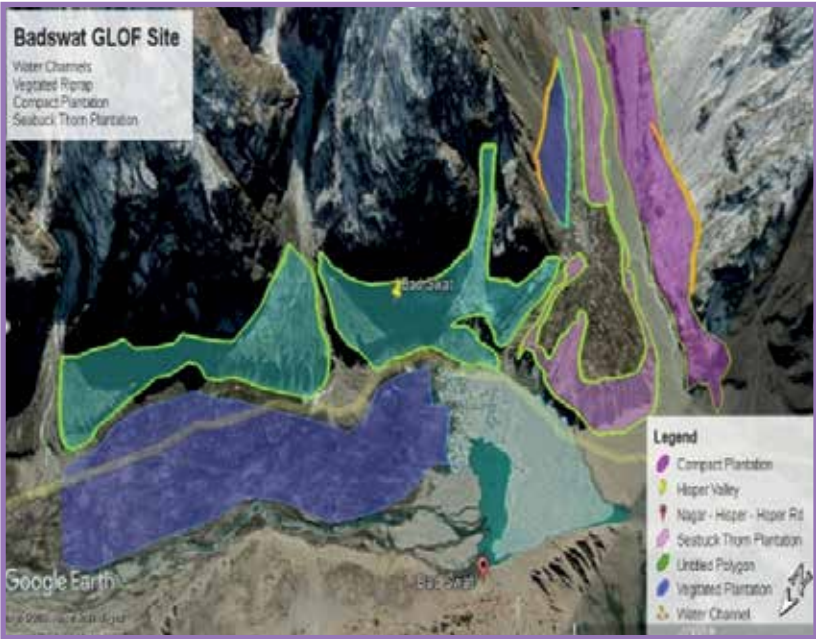
Scheme Design



During Plantation

- **Compact plantation of 2,500 No of Rooted Plants Contour Trenches along with Contour Line on Slope**

GPS Coordinates N: 36.532809 E: 74.041744	Scheme Cost PKR: 300,000 USD: 1,705
Benefitted Area 03 Hectares	Present Status Completed (2,500 trees planted)
Scheme Type Vegetation	Land ownership status Communal Land
Schemes Start Date 03rd March, 2021	Schemes End Date 30th November, 2021



Proposed Site



During Plantation

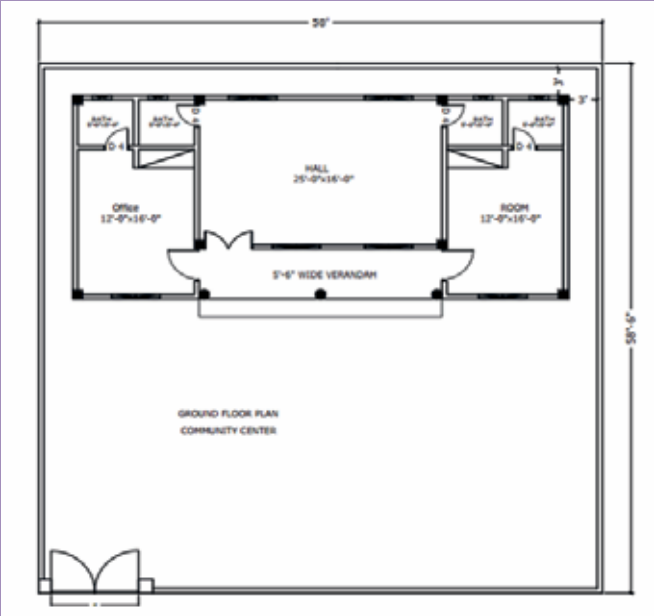
Community Based Disaster Risk Management Center

(Responsible Partner: Gilgit Baltistan Disaster Manamgement Authority)

GPS Coordinates N: 36.32198 E: 74.02102	Scheme Cost PKR: 5,061,023 USD: 28,504
Total Land Area 116 Meter	Present Status On Going (25% Completed)
Scheme Type Construction of CBDRM Center	Land ownership status Communal Land
Schemes Start Date 31st March, 2022	Schemes End Date 30th October, 2022



21 DIRECT
BENEFICIARIES
(Male: 16 ; Female: 05)



Scheme Design



Construction Site

3.3 Sosat-District Ghizer

Sosat Valley is situated in district Ghizer, some 100km away from Gahkuch City of Gilgit Baltistan. The valley consists of 10 small villages. Mostly people have ownership of pastureland, which offers grazing for livestock. The valley offer beautiful natural nullahs as a water resource. The only glacier present there is the Sosat Glacier.



3,200
POPULATION



409
HOUSEHOLDS



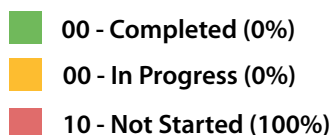
1,500
MEN



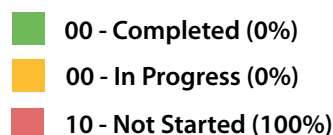
1,700
WOMEN

Infrastructure Progress

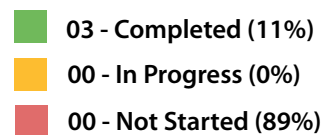
10 Irrigation Scheme



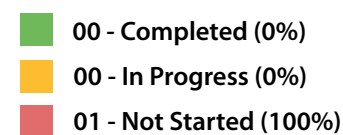
10 Small Scale Infrastructure



26 Ha Slope Stabilization



01 CBDRM Center



Slope Stabilization through Bio-Engineering and Plantation

(Responsible Partner: Forest & Wild Life Department)

- **Transplantation of 10,000 Seabuck thorn Rooted Plants.**

GPS Coordinates N: 36.641977 E: 73.425035	Scheme Cost PKR 420,000 USD 2,387
Benefitting Area 03 Hectares	Present Status Completed (Planted 10,000 Rooted Plants)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 19th November, 2021	Scheme End Date 30th November, 2021



3,200 DIRECT
BENEFICIARIES
(Male:1,500 ; Female:1,700)



Plantation site Sosat

VALLEY

3.4 Gulkin (Hussaini)-District Hunza

Ghulkin/Hussaini Valley is situated in district Hunza of GB. The valley consists of two villages namely; Ghulkin & Hussaini. The old main village is on the western-bank and at the lateral moraine of Hussaini glacier and below Borith Lake. The valley is located on main Karakoram Highway (KKH), 40 km North of Hunza. Wakhi language is mainly spoken in the valley. The history of the valley can be traced by old folklores as being approximately 600 years old. Both the villages are prone to GLOF related disaster due to the Ghulkin-Hussaini and Zarabad glacier.



2,093
POPULATION



273
HOUSEHOLDS

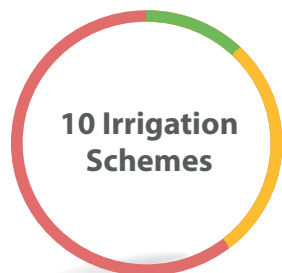


1,026
MEN



1,067
WOMEN

Infrastructure Progress



- 01 - Completed (10%)
- 03 - In Progress (30%)
- 06 - Not Started (60%)



- 03 - Completed (100%)
- 00 - In Progress (0%)
- 00 - Not Started (0%)



- 25 - Completed (96%)
- 00 - In Progress (0%)
- 01 - Not Started (4%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 01 - Not Started (100%)

Irrigation Schemes

(Responsible Partner : Water Management Directorate)

- Rehabilitation of existing pipe from Gulmit Nallah Spring to Gulkin Village, Gojal Hunza

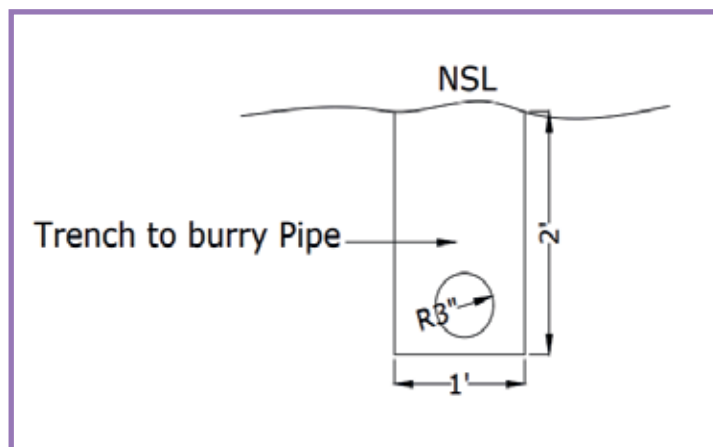
GPS Coordinates N: 36.395452 E: 74.852449	Scheme Cost PKR: 870,261 USD: 4,956
Total Length of Scheme 914 meters	Present Status On Going (20% completed)
Scheme Type 1) Burying of High-Density PolyEthlene pipe 2) Replacement of 300' pipe of diameter 6 inch and 500' pipe of dia 4 inch as per site conditions	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th September, 2022



231 DIRECT
BENEFICIARIES
(Male:118 ; Female:113)



152 HECTARES
BENEFITTED AREA



Scheme Design



Before implementation of work

● Installation of drip irrigation system in Hussani

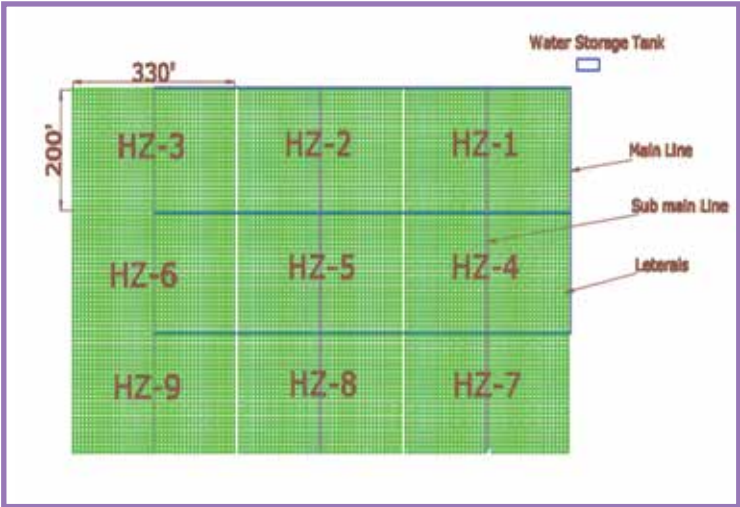
GPS Coordinates N: 36.422580 E: 74.870865	Scheme Cost PKR: 1,947,829 USD: 11,069
Total Length of Scheme 236 meter	Present Status On Going (60% completed)
Scheme Type Drip irrigation system	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th September, 2022



136 DIRECT
BENEFICIARIES
(Male: 66 ; Female: 70)



06 HECTARES
BENEFITTED AREA



Scheme Design



Before implementation of work

- **Open channel and Water Storage Tank for installation of Drip Irrigation system at Hussaini Gojal Hunza**

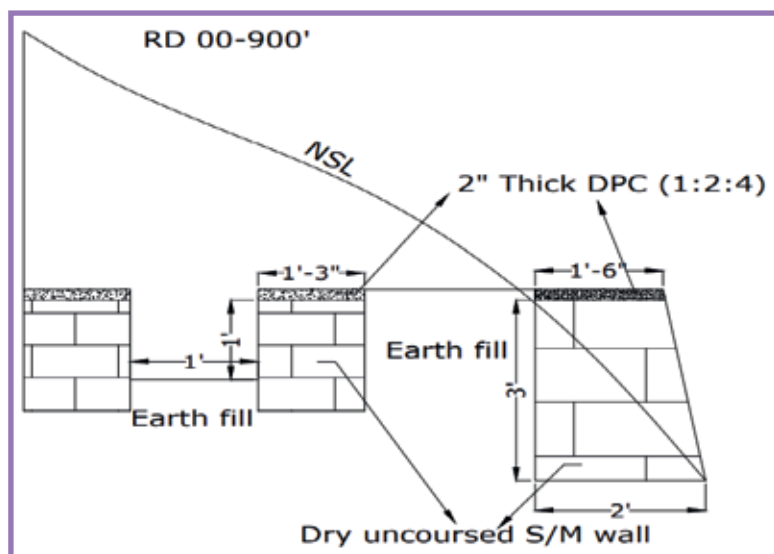
GPS Coordinates N: 36.422321 E: 74.870434	Scheme Cost PKR: 1,545,564 USD: 8,783
Total Length of Scheme 274 meters	Present Status On Going (50% completed)
Scheme Type 1) Plain Cement Concrete Lining 2) Water storage tank	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th August, 2022



160 DIRECT
BENEFICIARIES
(Male: 77 ; Female: 83)



30 HECTARES
BENEFITTED AREA




Scheme Design




Before implementation of work

- Main irrigation channel Ghulkin from Aman Uddin land to Chaki Gohar Shah Numberdar Land Ghulkin Gojal Hunza

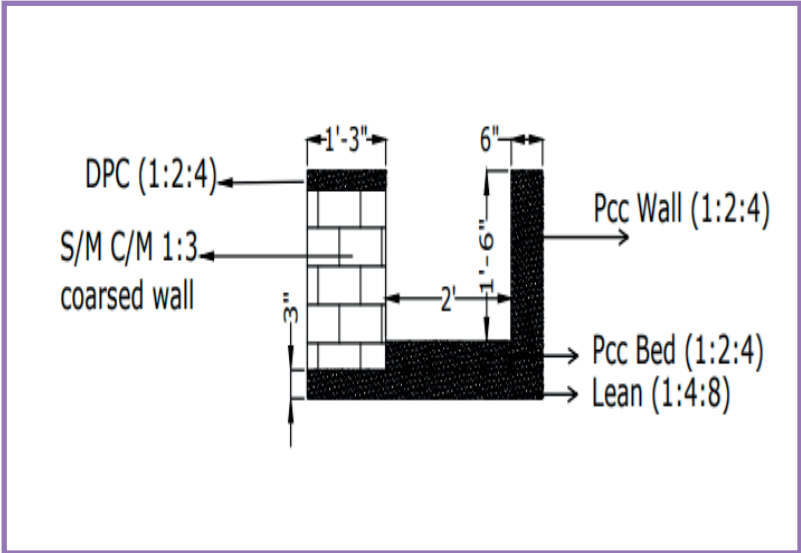
GPS Coordinates N: 36.394682 E: 74.852492	Scheme Cost PKR: 1,427,001 USD: 8,109
Total Length of Scheme 549 meters	Present Status Completed (100%)
Scheme Type 1) Plain Cement Concrete Lining 2) Stone masonry walls and Cement Work	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th June, 2022



160 DIRECT BENEFICIARIES
 (Male: 77 ; Female: 83)



243 HECTARES BENEFITTED AREA



Scheme Design



implementation of work

Small Scale Infrastructures

(Responsible Partner: Gilgit Baltistan Disaster Management Authority)



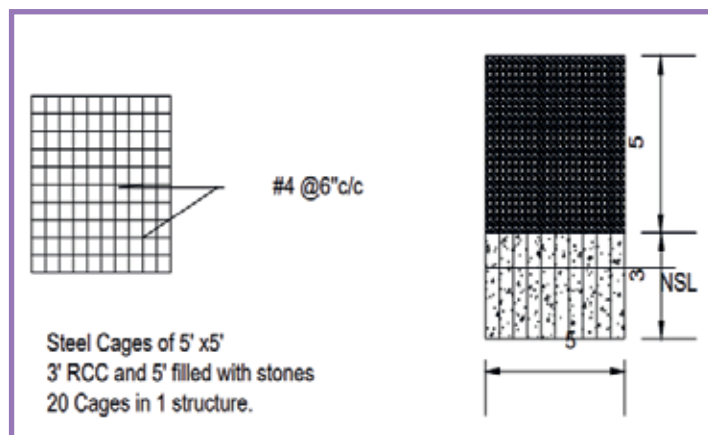
160 DIRECT
BENEFICIARIES
(Male: 68 ; Female: 92)



01 HECTARES
BENEFITTED AREA

● Protective work at Gulkin Nallah KKH- I

GPS Coordinates N: 36.4096111 E: 74.8763722	Scheme Cost PKR: 912,941 USD: 5,188
Total Length of Scheme 30 meters	Present Status Completed (100%)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June, 2022



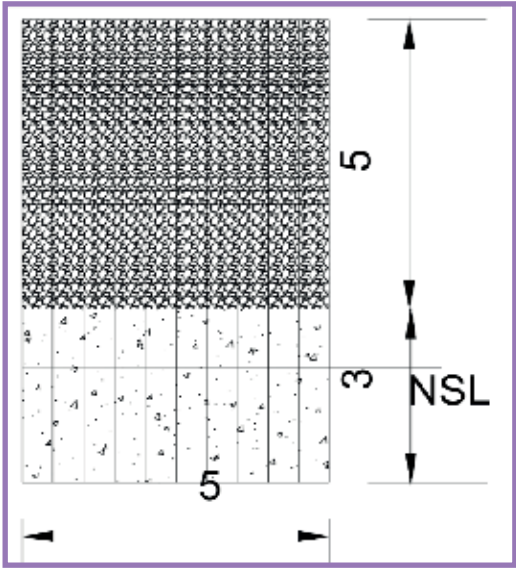
Scheme Design



implementation of work

- Protective work at Gulkin Nallah KKH-II

GPS Coordinates N: 36.4094778 E: 74.876525	Scheme Cost PKR: 1,591,482 USD: 9,044
Total Length of Scheme 30 meters	Present Status Completed (100%)
Scheme Type Re-Enforce Cement Concrete/Steel Cage	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June, 2022



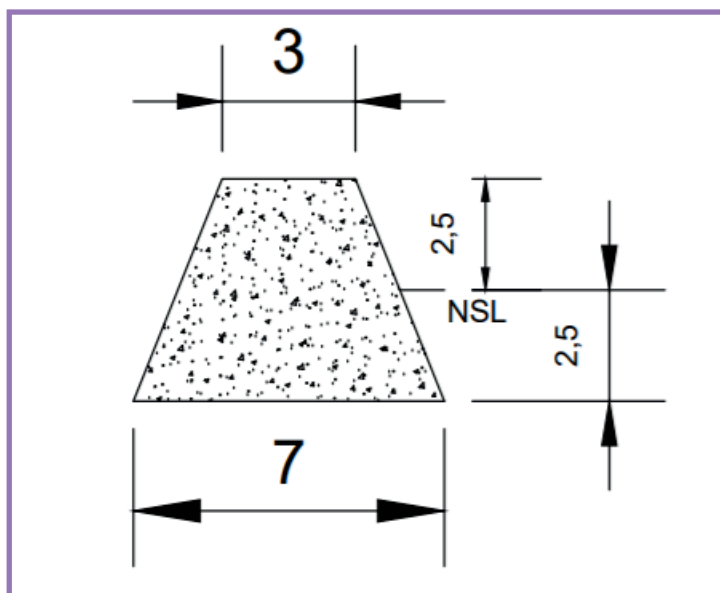
Scheme Design



Implementation of work

- **Protective work at Gulkin Nallah KKH-III**

GPS Coordinates N: 36.4093722 E: 74.8766361	Scheme Cost PKR: 1,591,482 USD: 9,044
Total Length of Scheme 30 meters	Present Status Completed (100%)
Scheme Type Re-Enforce Cement Concrete/ Steel Cage	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June, 2022



Scheme Design



implementation of work

Slope Stabilization through Bio-Engineering and Plantation

(Responsible Partner: Forest & Wild Life Department)



2,093 DIRECT
BENEFICIARIES
(Male: 1026 ; Female: 1067)

● Alfa Alfa Seeding 62 kg

GPS Coordinates N: 36.405261 E: 74.865197	Scheme Cost PKR: 136,338 USD: 775
Benefitting Area 03 Hectares	Present Status Completed (62 kg Alfa Alfa seeding)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 15th October, 2021	Scheme End Date 30th November, 2021



Plantation Site Gulkin



After Implementation

- **Compact plantation of 23,000 long shoot cuttings**

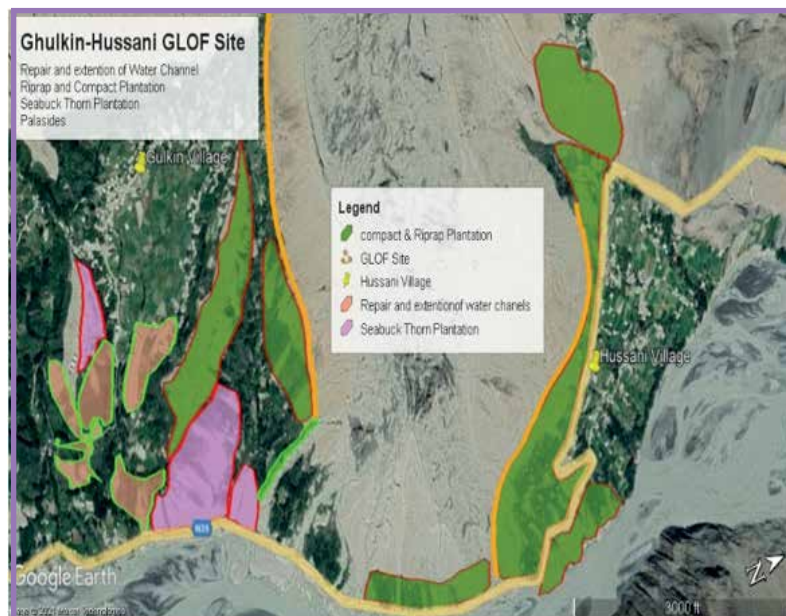
GPS Coordinates N: 36.401943 E: 74.836692	Scheme Cost PKR: 1,150,000 USD: 6,535
Benefitting Area 12 Hectares	Present Status Completed (23,000 trees planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 1st March, 2021	Scheme End Date 15th November, 2021



Plantation Site Gulkin

- **Compact plantation of 10,000 long shoot cuttings through Village Organization**

GPS Coordinates N: 36.401943 E: 74.836692	Scheme Cost PKR: 500,000 USD: 2,841
Benefitting Area 10 Hectares	Present Status Completed (10,000 trees planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 1st March, 2021	Scheme End Date 15th November, 2021



Plantation Site Gulkin



After Implementation

3.5 Shimshal-District Hunza

Shimshal is a village located in Gojal Tehsil of Hunza District, in the Gilgit Baltistan being the largest valley in the region. It lies at an altitude of 3,100 m above sea level and is the highest settlement in the district. It is in the valley of the Shimshal River, a tributary of the Hunza River. Shimshal is a border village that connects the Gilgit-Baltistan area of Pakistan with China. Wakhi language is widely spoken in the valley. Namely 06 glaciers, Mumhel Glacier, Malangudi Glacier, Yazgel Glacier, Khurdopin Glacier, Yukshin Gardan Glacier, Odever sar adjoin the area.



1,664
POPULATION



249
HOUSEHOLDS

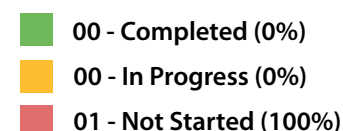
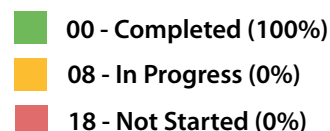
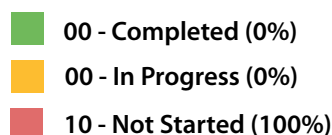
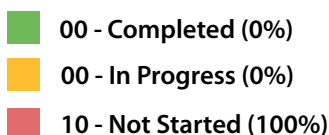


848
MEN



816
WOMEN

Infrastructure Progress



Slope Stabilization through Bio-Engineering (Implementing Department Forest & Wild Life)



1,664 DIRECT
BENEFICIARIES
(Male: 848 ; Female: 816)

- **Compact plantation of 5,000 long-shoot cutting of poplar by Village Organization Goharabad**

GPS Coordinates N: 36.497138 E: 75.21605	Scheme Cost PKR: 250,000 USD: 1,421
Benefitted Area 05 Hectare	Present Status Completed (5,000 trees planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 1st April, 2021	Scheme End Date 30th November, 2021



During Implementation



After Implementation

- **Alfa Alfa seeding Goharabad 62 kg**

GPS Coordinates N: 36.436725 E: 75.31344	Scheme Cost PKR: 136,338 USD: 775
Benefitted Area 03 Hectares	Present Status Completed (62 kg Alfa Alfa seeding)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2021



Proposed Site Shimshal

3.6 Shisper-District Hunza

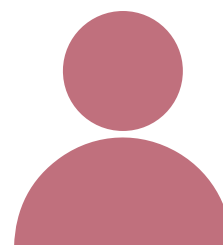
Shisper Hassanabad is one of the constituting valleys of Hunza. KKH crawls through the valley with total length of 5 kilometers. It is known for power generation, with almost all of the hydro-power projects of Hunza located here. Hassanabad is located in between Aliabad and Murtazaabad villages. Hassanabad is located at an average height of 2100 meters. Hassanabad is also a gateway to Hachinder Chish mountain. Two of the old Hunza tribes are still residing in the area, Ganishkutz and Xhill Ganishkutz. Shisper Glacier, Muchuhur Glacier and Chosh Glacier feed the valley.



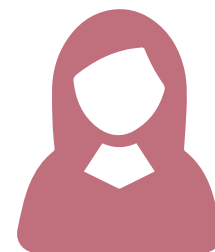
1,002
POPULATION



167
HOUSEHOLDS



471
MEN



531
WOMEN

Infrastructure Progress



00 - Completed (0%)
05 - In Progress (50%)
05 - Not Started (50%)



00 - Completed (0%)
00 - In Progress (0%)
10 - Not Started (100%)



04 - Completed (15%)
00 - In Progress (0%)
22 - Not Started (85%)



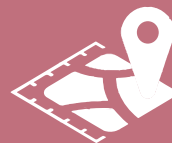
00 - Completed (0%)
00 - In Progress (0%)
01 - Not Started (100%)

Irrigation Schemes

(Responsible Partner: Water Management Directorate)



432 DIRECT
BENEFICIARIES
(Male: 208 ; Female: 224)



101 HECTARES
BENEFITTED AREA

● Central Hassanabad new irrigation Channel phase I

GPS Coordinates E: 36.315871 N: 74.578261	Scheme Cost PKR: 1,313,412 USD: 7,464
Total Length of Scheme 518 meters	Present Status On Going (80% Completed)
Scheme Type 1) 8" diameter pipe High-Density Polyethylene Pipe Pressure Nominal 10 2) Plain Cement Concrete Channel 3) Precast Parabolic Section lining	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th July, 2022



Before Implementation



After Implementation

● **Central Hassanabad new irrigation Channel phase II**

GPS Coordinates N: 36.311281 E: 74.580793	Scheme Cost PKR: 891,426 USD: 5,065
Total Length of Scheme 204 meters	Present Status On Going (80% Completed)
Scheme Type Stone Masonary	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th July, 2022



Before Implementation



After Implementation



231 DIRECT
BENEFICIARIES
(Male: 208 ; Female: 224)



81 HECTARES
BENEFITTED AREA

● **Roshanabad /Sherabad main open and pipe channel phase I**

GPS Coordinates N: 36.306301 E: 74.580637	Scheme Cost PKR: 577,565 USD: 3,282
Total Length of Scheme 197 meters	Present Status On Going (80% Completed)
Scheme Type 1) 670' Stone Masonary walls with 2" Damp Proof Course 2) Earthfill bed along with 645' pipe outlet values to fields	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th July, 2022



During Implementation of Work



After Implementation of work

● **Roshanabad /Sherabad channel open and pipe channel phase II**

GPS Coordinates N: 36.311281 E: 74.580793	Scheme Cost PKR: 926,541 USD: 5,265
Total Length of Scheme 442 meters	Present Status On Going (80% Completed)
Scheme Type 1) 1450' Stone Masonary walls with 2" Damp Proof Course 2)Earthfill bed along with 645' pipe outlet values to fields	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th July, 2022




During Implementation of Work



After Implementation of work

- **Improvement and burying of existing High-Density Polyethylene Pipe of main irrigation channel Aliabad Hunza from Hassanabad Nallah**

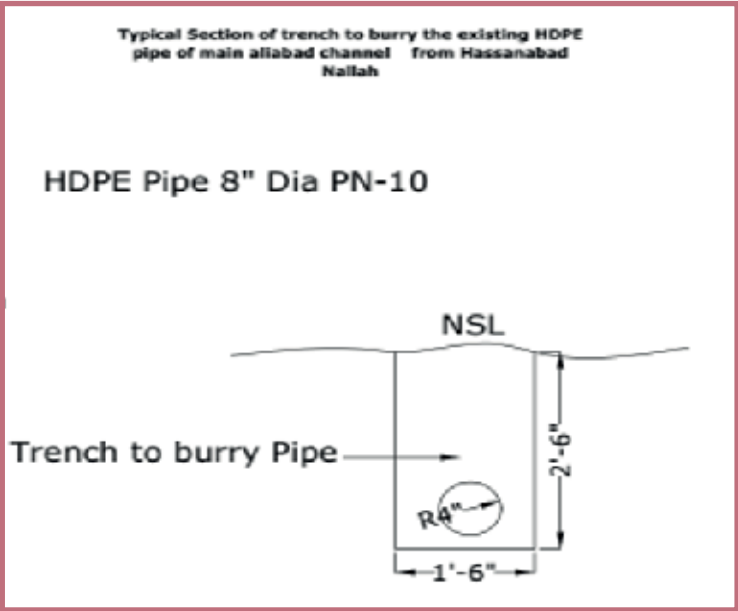
GPS Coordinates N: 36.318740 E: 74.571792	Scheme Cost PKR 1,216,208 USD 6,911
Total Length of Scheme 975 meters	Present Status On Going (15% Completed)
Scheme Type 1) Intake chamber 2) Control gates 3) Lining of channel	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th September, 2022



120 DIRECT
 BENEFICIARIES
 (Male: 58 ; Female: 62)



607 HECTARES
 BENEFITTED AREA



Scheme Design



Pipe of Main Irrigation Channel Aliabad Hunza

Slope Stabilization through Bio-Engineering and Plantation

(Responsible Partner: Forest & Wild Life Department)



1,002 DIRECT
BENEFICIARIES
(Male: 471 ; Female: 531)

● **Alfa Alfa Seeding 62 kg**

GPS Coordinates N: 36.1745 E: 74.3531	Scheme Cost PKR: 136,338 USD: 775
Benefitted Area 03 Hectares	Present Status Completed (62 kg Alfa Alfa seeding)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 10th October, 2021	Scheme End Date 30th November, 2021



Plantation site Hassanabad

- **Compact plantation of 900 poplar long shoot cuttings.**

GPS Coordinates N: 36.343689 E: 74.574906	Scheme Cost PKR: 45,000 USD: 256
Benefiting Area 01 Hectare	Present Status Completed (900 trees planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 1st March, 2021	Scheme End Date 30th November, 2021



Plantation site Shisper

3.7 Rupal-District Astore

Rupal Valley is situated in GB at a distance of 65 km from district headquarter, Astore. The valley is close to district Diamer through Diameri Pass. Famous for its beauty and the killer Mountain-“Nanga Parbat”, climbers from all over the world visit this valley. Shina language is the common language. The area lies under single cropping zone and the main source of income is livestock and agriculture. The temperature drops down very low during the winter season being very pleasant in the summers. Rupal Glacier, Bazin, Latobo, Girjal and Shai Ghiri Glacier surround the area.



9,600
POPULATION



1,015
HOUSEHOLDS



3,840
MEN



5,760
WOMEN

Infrastructure Progress



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 10 - Not Started (100%)



- 00 - Completed (0%)
- 08 - In Progress (100%)
- 00 - Not Started (0%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 26 - Not Started (100%)



- 00 - Completed (0%)
- 01 - In Progress (100%)
- 00 - Not Started (0%)

Irrigation Schemes

(Responsible Partner: Water Management Directorate)

● Installation of High-Density Polyethylene pipe at Rupal Pain Upper channel and Construction of Gabion wall

GPS Coordinates N: 35.217816 E: 74.692147	Scheme Cost PKR: 1,071,914 USD: 6,091
Total Length of Scheme 244 meters	Present Status Not Started Yet (Work Order Given)
Scheme Type 1) Pipe channel 2) Gabion wall	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022



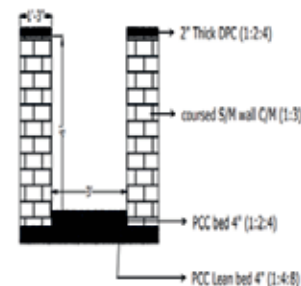
352 DIRECT
BENEFICIARIES
(Male: 169 ; Female: 183)



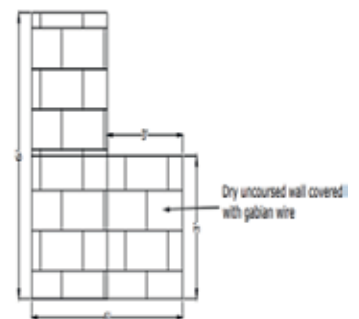
40 HECTARES
BENEFITING AREA



X-Section Of Chamber for pipe installation



X-Section Of Gabian Wall



Small Scale Infrastructures

(Responsible Partner: Gilgit Baltistan Disaster Management Authority)



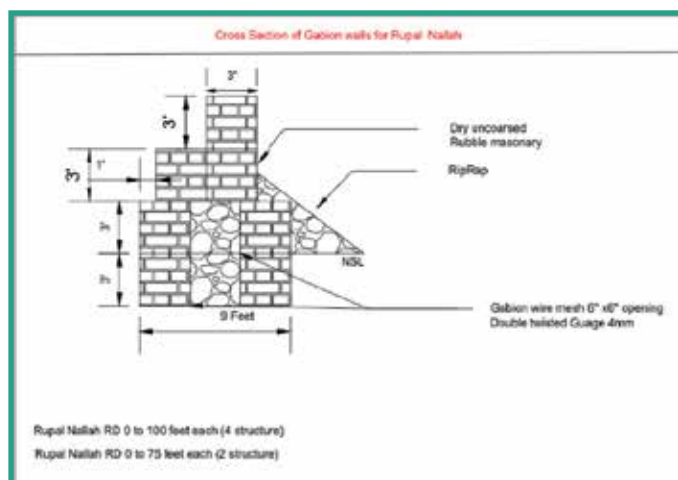
9,600 DIRECT
BENEFICIARIES
(Male: 3,840 ; Female: 5,760)



16 HECTARES
BENEFITING AREA

● Protective work at Rupal left bank Nallah Structure 1

GPS Coordinates N: 35.2181111 E: 74.6913611	Scheme Cost PKR: 1,357,034 USD: 7,711
Total Length of Scheme 30 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Scheme Design



Implementation of protective work

- **Protected Wall at Rupal Left Bank Nallah Structure 2.**

GPS Coordinates N: 35.2183056 E: 74.6910889	Scheme Cost PKR: 1,357,034 USD: 7,711
Total Length of Scheme 30 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal left bank Nallah

- **Protective work at Rupal left bank Nallah Structure 3**

GPS Coordinates N: 35.2176667 E: 74.6918306	Scheme Cost PKR: 1,357,034 USD: 7,711
Total Length of Scheme 30 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal left bank Nallah

- **Protective work at Rupal right bank Nallah Structure 1**

GPS Coordinates N: 35.2158111 E: 74.6932806	Scheme Cost PKR: 1,357,034 USD: 7,711
Total Length of Scheme 30 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal right bank Nallah

- **Protective work at Rupal right bank Nallah Structure 2**

GPS Coordinates N: 35.2159306 E: 74.6932583	Scheme Cost PKR: 1,017,775 USD: 5,784
Total Length of Scheme 23 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal right bank Nallah

- **Protective work at Rupal right bank Nallah Structure 3**

GPS Coordinates N: 35.2156861 E: 74.6935111	Scheme Cost PKR: 1,017,775 USD: 5,784
Total Length of Scheme 23 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal right bank Nallah

- **Protective work at Rupal right bank Nallah Structure 4**

GPS Coordinates N: 35.2193278 E: 74.7074611	Scheme Cost PKR: 1,696,292 USD: 9,639
Total Length of Scheme 38 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal right bank Nallah

- **Protective work at Rupal right bank Nallah Structure 5**

GPS Coordinates N: 35.2142 E: 74.7035083	Scheme Cost PKR: 1,696,292 USD: 9,639
Total Length of Scheme 38 meters	Present Status On Going (85% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December, 2021	Scheme End Date 31st July, 2022



Construction of protective work at Rupal right bank Nallah

Community Based Disaster Risk Management Centre

(Responsible Partner: Gilgit Batistan Disaster Management Authority)

GPS Coordinates N: 35.218889 E: 74.700889	Scheme Cost PKR: 5,061,023 USD: 28,504
Total Length of Scheme 116 Square meters	Present Status On Going (80% Completed)
Scheme Type Construction of CBDRM Center	Land ownership status Communal Land
Schemes Start Date 31st March, 2022	Schemes End Date 30th September, 2022



30 DIRECT
BENEFICIARIES
(Male: 29 ; Female: 01)



Rupal CBDRM centre Site

3.8 Parashing-District Astore

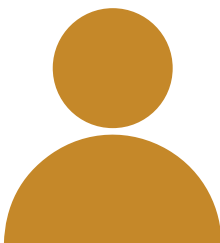
Parashing valley is located in district Astore, GB, situated between Sikardu and Bubin valley. It is known for the renowned tourist resort called Allah Wali Lake. The valley is covered with glaciers and has dense forests and high altitude mountains. Amno Glacier, Poyati kane Glacier, and Maliki Harai Glacier are the main glaciers feeding the valley.



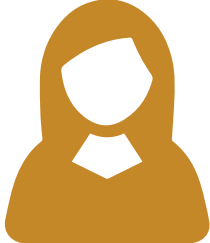
4,400
POPULATION



550
HOUSEHOLDS

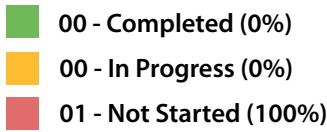
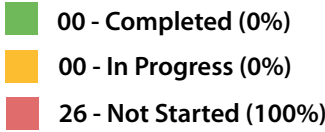
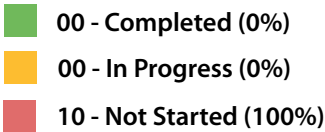
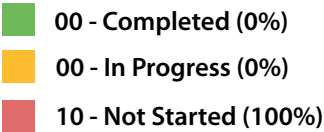


1,760
MEN



2,640
WOMEN

Infrastructure Progress

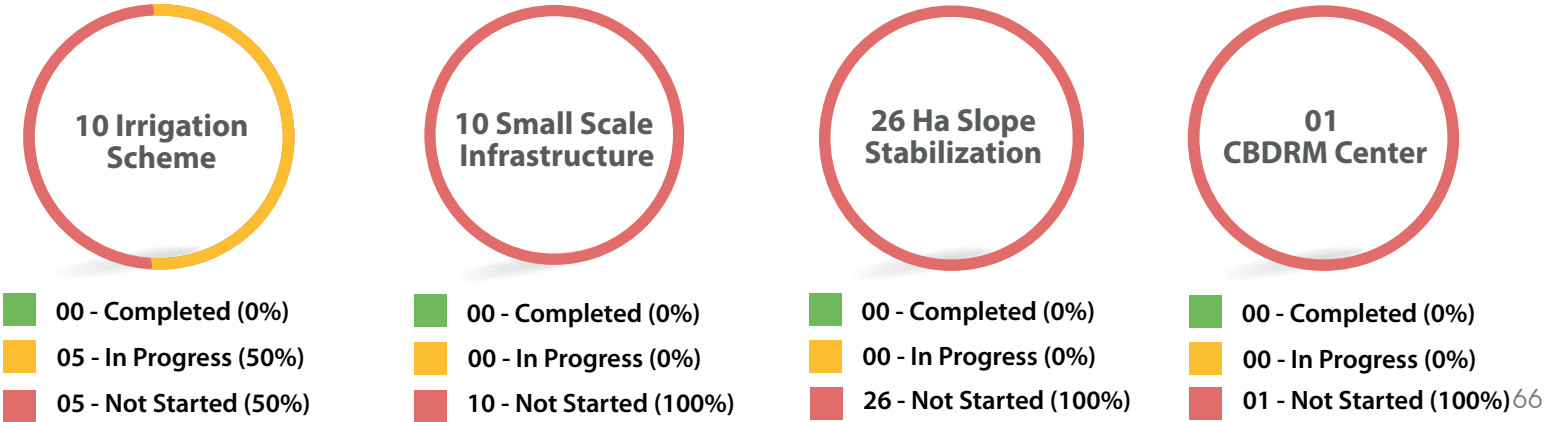


3.9 Haramosh-District Gilgit

Haramosh is located 65 km east of district capital Gilgit. It lies in the south-central region of the Rakaposhi-Haramosh Mountains, a sub range of the Karakoram Range The valley rises steeply above the north bank of the Indus River, approximately 22 km upstream from the confluence of Gilgit and Indus Rivers .The population is settled in pockets of 08 small villages. Most of the population is engaged to formal agriculture and live stocks. There are 37 glacierscovering an area of almost 75 km 2 with elevation ranging from 2750 m-7400 m in both catchments of Haramosh region i.e. Khaltoro and Kutwal-Barchi-Jutial. The three main glaciersare Mani, Baska and Phuparash.



Infrastructure Progress



Irrigation Schemes

(Responsible Partner: Water Management Directorate)

● Watercourse from Channel Intake khaltaro nallah to Alamdar Land Amkoie khaltaro

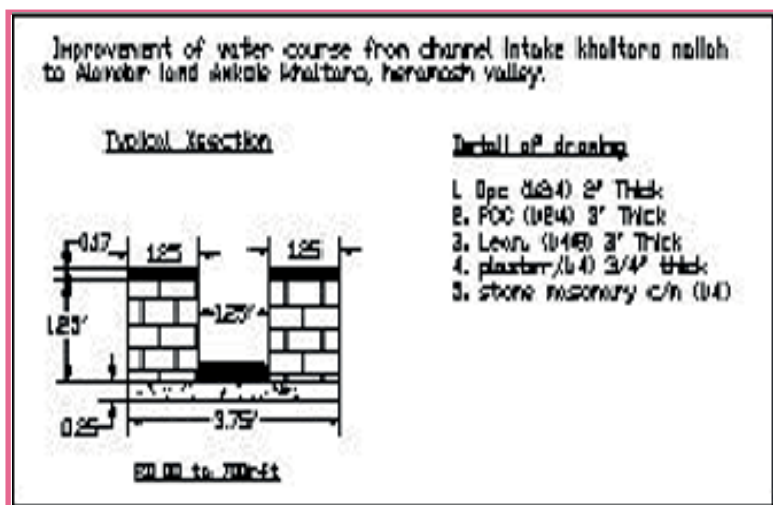
GPS Coordinates N: 35.91783 E: 74.71342	Scheme Cost PKR: 765,042 USD: 4,347
Total Length of Scheme 366 meters	Present Status Not Started Yet
Scheme Type Plain Cement Concrete lining	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022



120 DIRECT
BENEFICIARIES
(Male: 58 ; Female: 62)



81 HECTARES
BENEFITTED AREA



Scheme Design



Before implementation of work

- **Watercourse From fatushing moode to Hawaldar Mayoon Shah house, Dachay Valley Heramosh. Phase. 1**

GPS Coordinates N: 35.8791 E: 74.7546	Scheme Cost PKR: 1,126,811 USD: 6,403
Total Length of Scheme 381 meters	Present Status On Going (40% Completed)
Scheme Type 1) Plain Cement Concrete lining 2) Stone Masonry and Cement Work	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 15th September, 2022



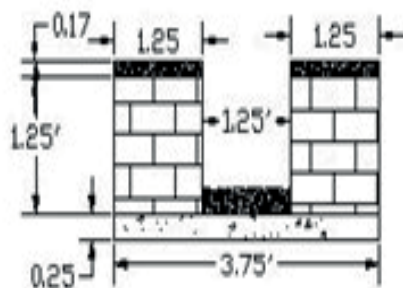
176 DIRECT
BENEFICIARIES
(Male: 85 ; Female: 91)



90 HECTARES
BENEFITTED AREA

Improvement of water course from fatushing moode to nallah masjid Dachay, heranosh valley.

Typical Xsection



RD 00 to 1250ft

Detail of drawing

1. Dpc (1:2:4) 2" Thick
2. PCC (1:2:4) 3" Thick
3. Lean, (1:4:8) 3" Thick
4. plaster, (1:4) 3/4" thick
5. stone masonry c/m (1:4)



Scheme Design

Before implementation of work

● Watercourse from Sajid house to Akhoon Rafique land village Barchi

GPS Coordinates N: 35.91100 E: 74.78764	Scheme Cost PKR: 1,383,907 USD: 7,864
Total Length of Scheme 518 meters	Present Status On Going (40% Completed)
Scheme Type 1) Plain Cement Concrete lining 2) Stone Masonary and Cement Work	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 15th September, 2022



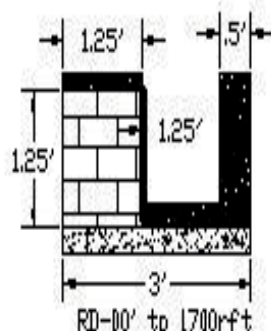
144 DIRECT
BENEFICIARIES
(Male: 70 ; Female: 74)



90 HECTARES
BENEFITTED AREA

Improvement of water course from sajjid house to akhoon Rafique land village Barchi, Heramosh.

Typical Xsection



Detail of drawing

1. Dpc (1:2:4) 2' Thick
2. PCC (1:2:4) 3' Thick
3. Pcc, (1:4:8) 3' Thick
4. plaster,(1:4) 3/4' thick
5. stone masonry c/m ratio(1:4)
6. pcc wall (1:2:4) 6' thick




Scheme Design


Before implementation of work

● **Watercourse from Chishdae Gutom to Badi Zong/ Nallah Upper kohle Dachay valley**

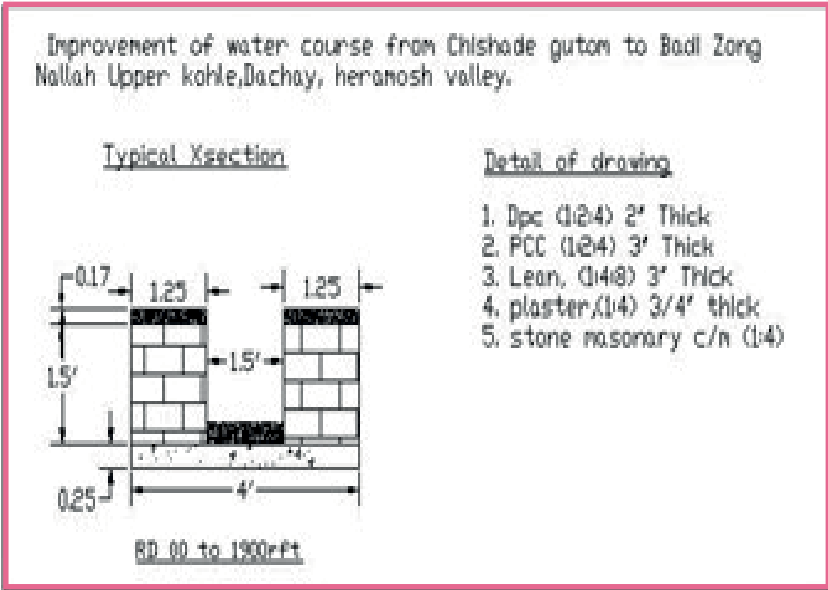
GPS Coordinates N: 35.490255 E: 74.76366	Scheme Cost PKR: 1,426,435 USD: 8,106
Total Length of Scheme 427 meters	Present Status On Going (40% Completed)
Scheme Type Plain Cement Concrete lining	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 15th September, 2022



176 DIRECT
BENEFICIARIES
(Male: 85 ; Female: 91)



147 HECTARES
BENEFITTED AREA



Scheme Design

Before implementation of work

● **Watercourse from Girls school to Rafique shah land khaltaro**

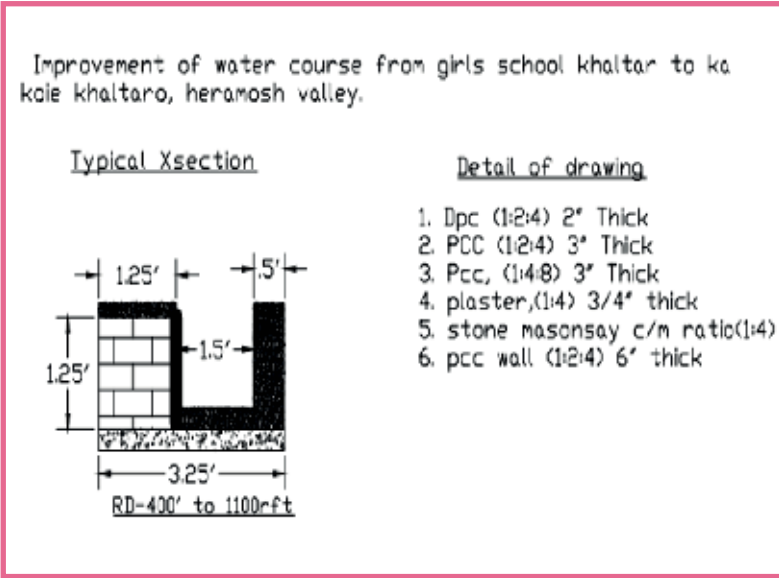
GPS Coordinates N: 35.91187 E: 74.71663	Scheme Cost PKR: 825,025 USD: 4,688
Total Length of Scheme 335 meters	Present Status On Going (40% Completed)
Scheme Type 1) Plain Cement Concrete lining 2) Stone Masonary and Cement Work	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 15th September, 2022



112 DIRECT BENEFICIARIES
(Male: 54 ; Female: 58)



130 HECTARES BENEFITTED AREA



- **High-Density Polyethylene having 6" diameter from Bado Chashma to Mardan land Amkoie khaltar**

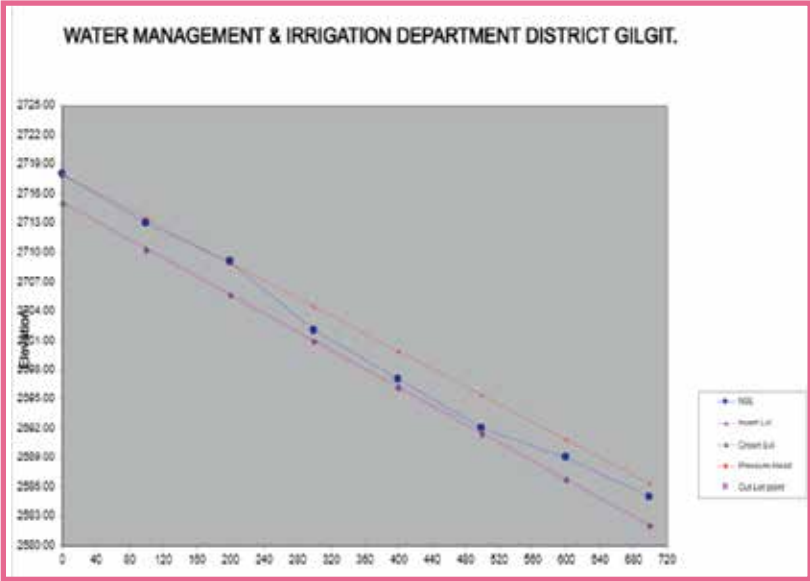
GPS Coordinates N: 35.91681 E: 74.70618	Scheme Cost PKR: 1,013,346 USD: 5,758
Total Length of Scheme 335 meters	Present Status On Going (40% Completed)
Scheme Type Pipe Installation	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 15th September, 2022



112 DIRECT BENEFICIARIES
(Male: 54 ; Female: 58)



51 HECTARES BENEFITTED AREA



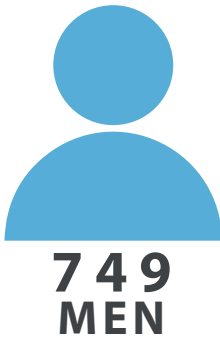
Longitudinal Profile



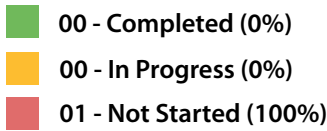
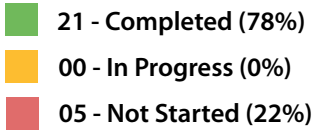
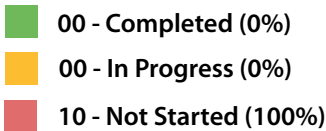
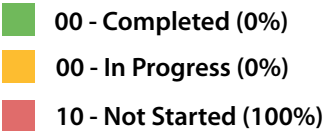
Before implementation of work

3.10 Hisper-District Nagar

Hisper Valley is the last Valley of Nagar district in GB. The valley is located 02 km below the snout of the 49 kilometer-long Hispar Glacier. It is about 28 km away from Nagar Khas and 25 km away from Hoper Valley. Hispar is a 49 km (30 mi) long glacier in the Karakoram Mountains of Gilgit-Baltistan, Pakistan which meets the 63 km (39 mi) long Biafo Glacier at the Hispar La (Pass) at an altitude of 5,128 m (16,824 ft) to create the world's longest glacial system outside of the polar regions. High altitude peaks and of the snow-covered cliffs and mountains on the south side of the glacier are particularly impressive. 11 glaciers surround the valleys namely Khanan Glacier, Chuuri Gul Glacier, Taltals Glacier, Jutmow Glacier, Khanni Basa Glacier, Kuani Base Glacier, Turmum Glacier, Makurm Glacier, Chrrin Chiss Glacier, Hall Ghutum Glacier, and Garum Bar Glacier.



Infrastructure Progress



Slope Stabilization through Bio-Engineering and Plantation (Responsible Partner : Forest & Wild Life Department)



1,440 DIRECT
BENEFICIARIES
(Male: 749 ; Female: 691)

- **Compact plantation of 11,562 long-shoot cuttings**

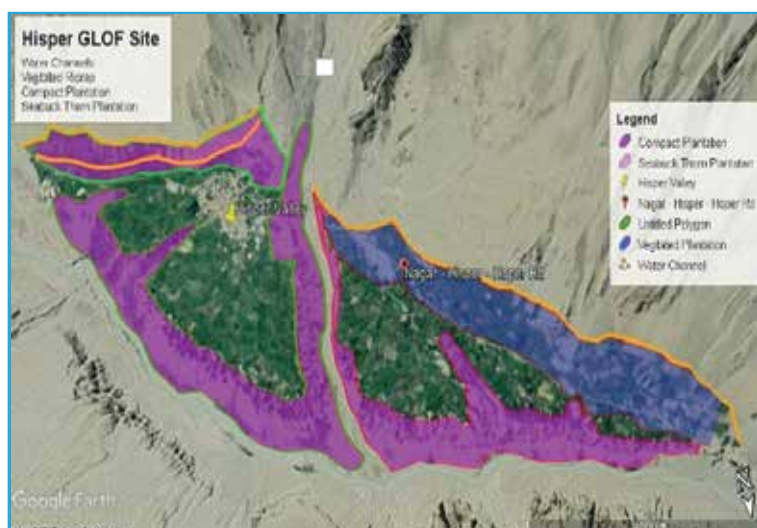
GPS Coordinates N: 36.178151 E: 74.992825	Scheme Cost PKR: 578,000 USD: 3,285
Benefitted Area 12 Hectares	Present Status Completed (11,562 Planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date March / October 2021	Scheme End Date 31st October 2021



Plantation Site Hisper

- Alfa Alfa Seeding 183 kg

GPS Coordinates N: 36.273768 E: 74.852381	Scheme Cost PKR: 400,218 USD: 2,274
Benefitted Area 09 Hectares	Present Status Completed (183kg Planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 21st October, 2021	Scheme End Date 30th November, 2021



Proposed Site for Hisper



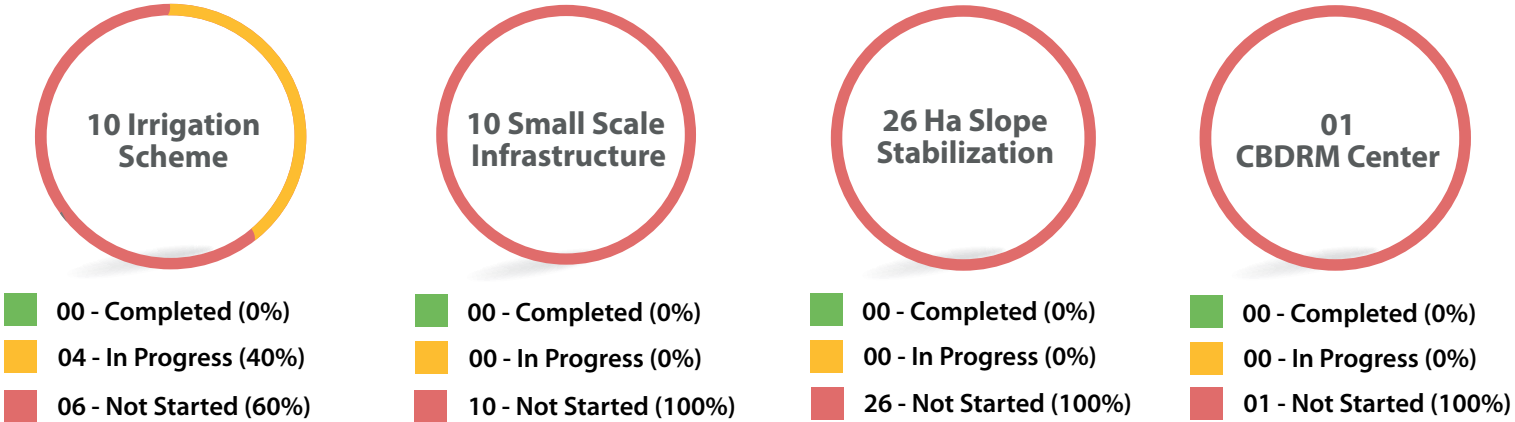
Plantation Site Hisper

3.11 Muthat-District Diamer

Muthat valley is one of the popular village of district Diamer situated in the North at adistance of 72km from Chilas. Majority of the people belong to Yushkun tribe with theminority belonging to Sheen. Most of the people depend upon their share in forest and mines. Maize and potato are locally grown; apricots and walnuts are the famous fruits in thearea. Bulder glacier, Dader glacier and Phia glacier surround the valley.



Infrastructure Progress



Irrigation Schemes

(Responsible Partner: Water Management Directorate)

● Khun Irrigation channel from Muthath Nallah to khund (RD 00-1000')

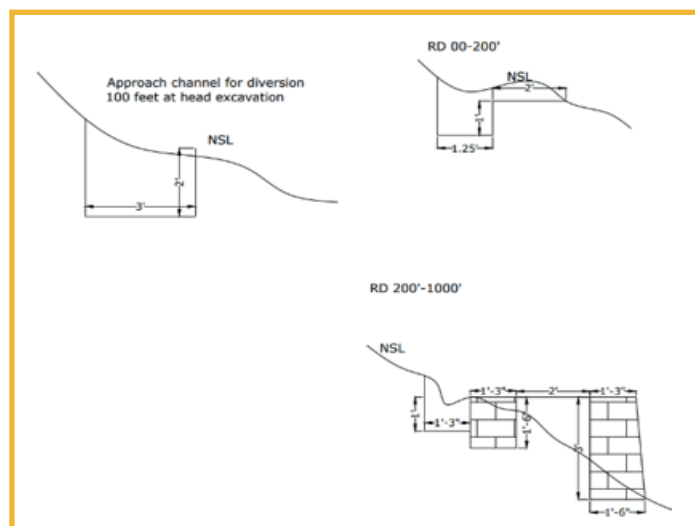
GPS Coordinates	Scheme Cost
N: 35.431166 E: 74.648048	PKR: 834,707 USD: 4,743
Total Length of Scheme	Present Status
305 meters	On Going (30% Completed)
Scheme Type	Land ownership status
Stone masonry dry walls	Communal Land
Scheme Start Date	Scheme End Date
1st October, 2022	30th September, 2022



200 DIRECT
BENEFICIARIES
(Male: 96 ; Female: 104)



15 HECTARES
BENEFITTED AREA




Scheme Design



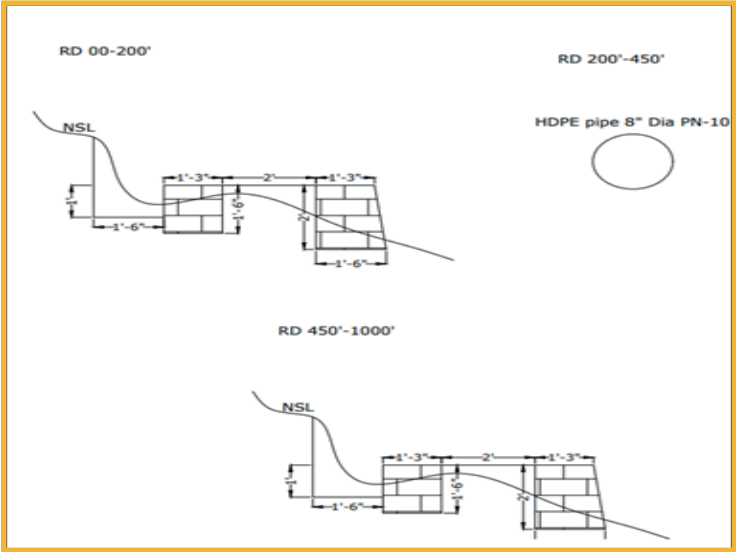
Before Implementation of work

● Daar Irrigation channel from Nallah Chaki to Water fall

GPS Coordinates N: 35.419291 E: 74.666155	Scheme Cost PKR: 733,555 USD: 4,168
Total Length of Scheme 305 meters	Present Status Not Started Yet
Scheme Type 1) Stone masonry dry walls 2) Installation of pipe 8" diameter 250 Running feet	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022

 **168** DIRECT BENEFICIARIES
(Male: 81 ; Female: 87)

 **40** HECTARES BENEFITTED AREA



Scheme Design



Before Implementation of work



- | | |
|---|--|
| GPS Coordinates

N: 35.415719
E: 74.671065 | Scheme Cost

PKR: 1,841,794
USD: 10,466 |
| Total Length of Scheme

549 meters | Present Status

On Going
(30% Completed) |
| Scheme Type

1) Stone masonry dry walls
2) Laying of Pipe | Land ownership status

Communal
Land |
| Scheme Start Date

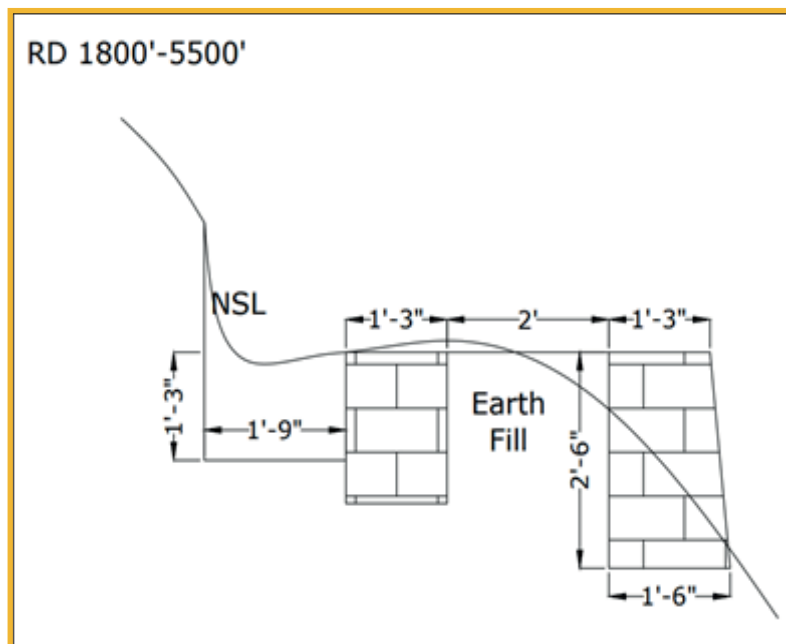
1st October, 2021 | Scheme End Date

30th September, 2022 |



- Bulder Irrigation channel from Bulder Nallah to Muthat Suwah phase-II (RD 1800'-5500')**

GPS Coordinates N: 35.419291 E: 74.666155	Scheme Cost PKR: 1,750,326 USD: 9,946
Total Length of Scheme 1128 meters	Present Status On Going (30% Completed)
Scheme Type Stone masonry dry walls	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th September, 2022



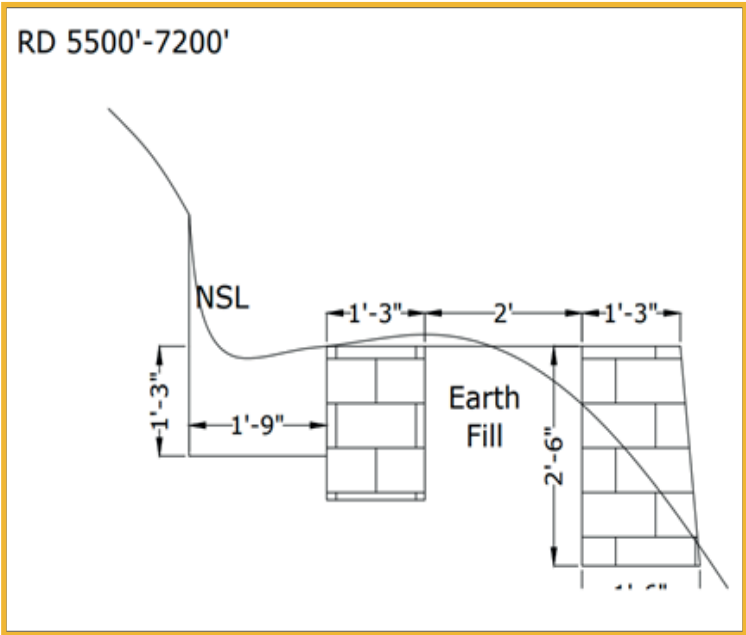
Scheme Design



Before Implementation of work

● **Bulder Irrigation channel from Bulder Nallah to Muthat Suwah phase-III (RD 5500'-7200')**

GPS Coordinates N: 35.426056 E: 74.661729	Scheme Cost PKR: 1,193,050 USD: 6,780
Total Length of Scheme 518 meters	Present Status On Going (30% Completed)
Scheme Type 1) Stone masonry dry walls 2) Plain Cement Concrete Lining 3) Cement Work	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th September, 2022



Scheme Design



Before Implementation of work

VALLEY

3.12 Khaplu-District Ghanche

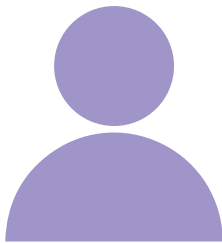
Khaplu Valley is located at a distance of 70 km from Chitral in Khyber Pakhtunkhwa (KP) province. An unpaved jeep-able track is bifurcated near Ruji village on main Garam Chashma-Chitral Road, the only way to access the valley. People living in the valley mostly depend on agriculture and livestock. This valley is divided in to two sub valleys near Seyah Arkari. Staring from village Shoal, the sub valley on the right sides ends with Besti Bala sharing its boundary with Afghanistan. Dir/Terichmir Glacier Warwast Glacier,and Mushti Gol Glacier are main glaciers in the area.



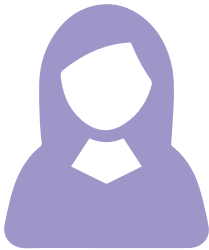
24,000
POPULATION



3,000
HOUSEHOLDS

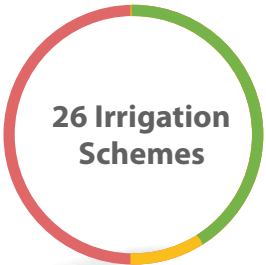


11,900
MEN



12,100
WOMEN

Infrastructure Progress



- 04 - Completed (40%)
- 01 - In Progress (10%)
- 05 - Not Started (50%)



- 18 - Completed (100%)
- 00 - In Progress (0%)
- 00 - Not Started (0%)



- 18.1 - Completed (69%)
- 00 - In Progress (0%)
- 08 - Not Started (31%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 01 - Not Started (100%)

Irrigation Schemes

(Responsible Partner: On Farm Water Management)

● Improvement of Water channel Goma at Khaplu Nallah

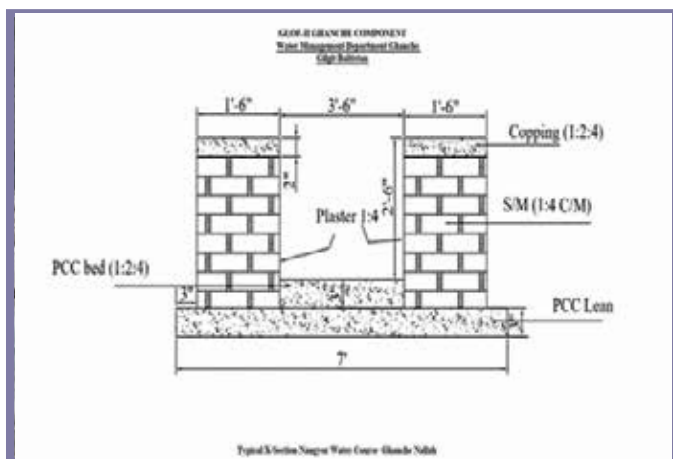
GPS Coordinates N: 35.0841 E: 76.1923	Scheme Cost PKR: 844,060 USD: 4,796
Total Length of Scheme 152 meters	Present Status (100% Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th April, 2022



250 DIRECT
BENEFICIARIES
(Male:127 ; Female:123)



405 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

- Improvement of head work on "Way Hrka Water Channel at Khaplu Nallah District Ghanche

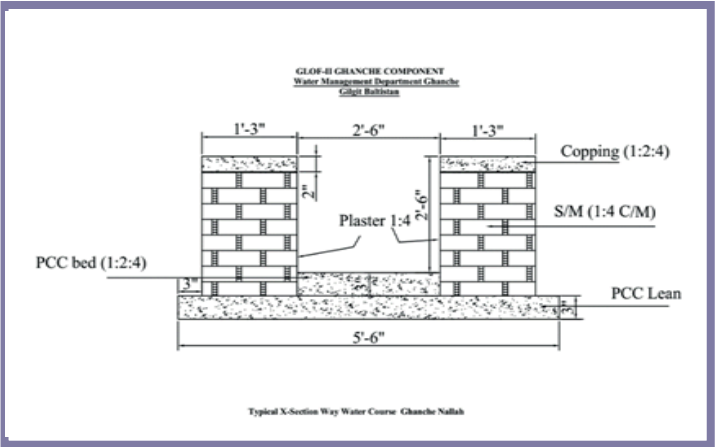
GPS Coordinates N: 35.14436339 E: 76.32314452	Scheme Cost PKR: 1,074,800 USD: 6,108
Total Length of Scheme 152 meters	Present Status On Going (80% Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



280 DIRECT BENEFICIARIES
(Male:145 ; Female:135)



445 HECTARES BENEFITTED AREA



Scheme Design



Irrigation Site

● Improvement of water channel Languor from Ghanche nallah to Kharmang Khaplu

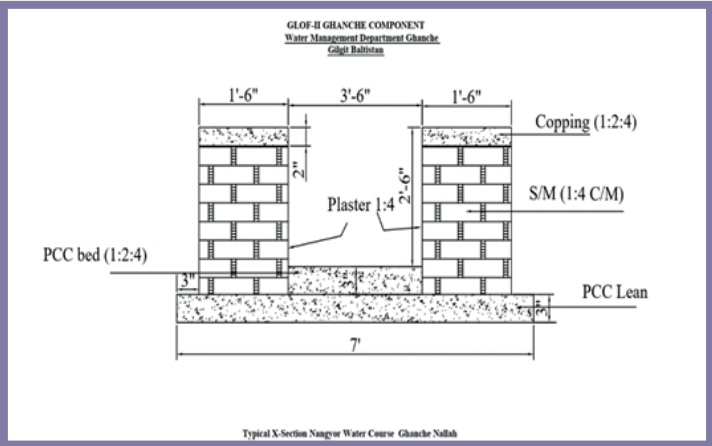
GPS Coordinates N: 35.35.153207 E: 76.327616	Scheme Cost PKR: 1,263,431 USD: 7,179
Total Length of Scheme 244 meters	Present Status Not Yet Started (Work Order Issued)
Scheme Type 1) Intake chamber, 2) control gates and 3) lining of channel	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



1800 DIRECT
BENEFICIARIES
(Male:864 ; Female:936)



758 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

- **Improvement of Head work on " Randni Water Channel at Khaplu Nallah " District Ghanche**

GPS Coordinates N: 35.35.153207 E: 76.327616	Scheme Cost PKR: 1,145,586 USD: 6,509
Total Length of Scheme 122 meters	Present Status (100% Completed)
Scheme Type Intake chamber, control gates and l ining of channel	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



176 DIRECT
 BENEFICIARIES
 (Male:84 ; Female:92)



81 HECTARES
 BENEFITTED AREA




Before



After

● **Improvement of water Channel Stronpi from Ghanche Nallah to Stronpi Khaplu District Ganche**

GPS Coordinates N: 35.16318 E: 76.344868	Scheme Cost PKR: 867,170 USD: 4,928
Total Length of Scheme 244s meters	Present Status (100% Completed)
Scheme Type 1) Flood protective Wall, 2) lined channel, 3) baffle blocks 4) water control gates	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



160 DIRECT
 BENEFICIARIES
 (Male:77 ; Female:83)



28 HECTARES
 BENEFITTED AREA




Before



After

- **Improvement of Head work on Garba Serger water Channel at Khaplu Nallah District Ghanche**

GPS Coordinates N: 35.155488 E: 76.342797	Scheme Cost PKR: 1,089,842 USD: 6,193
Total Length of Scheme 122 meters	Present Status (100% Completed)
Scheme Type intake chamber, control gates and l ining of channel and gabion wall	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



168 DIRECT
 BENEFICIARIES
 (Male:87 ; Female:81)



127 HECTARES
 BENEFITTED AREA



Before



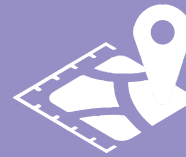
After

Small Scale Infrastructures

(Responsible Partners: Gilgit Baltistan Disaster Management Authority)



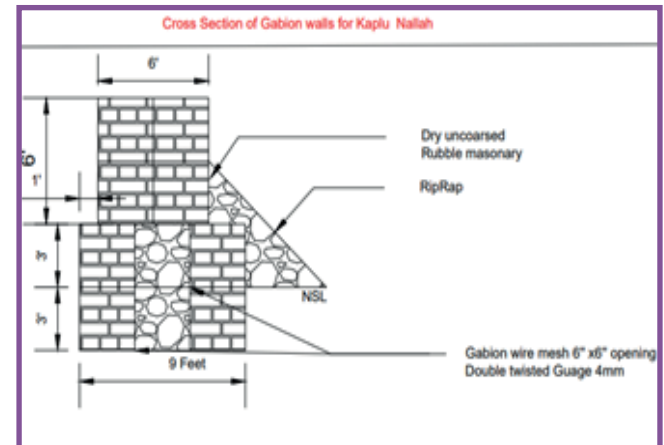
14400 DIRECT
BENEFICIARIES
(Male: 6,912 ; Female: 7,488)



13 HECTARES
BENEFITTED AREA

Construction of protective work at Khaplu left bank Nallah Structure 1

GPS Coordinates N: 35. 1541778, E: 76. 3312111	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 20th February 2022



Scheme Design

Construction of protective work at Khaplu Right bank Nallah Structure 1

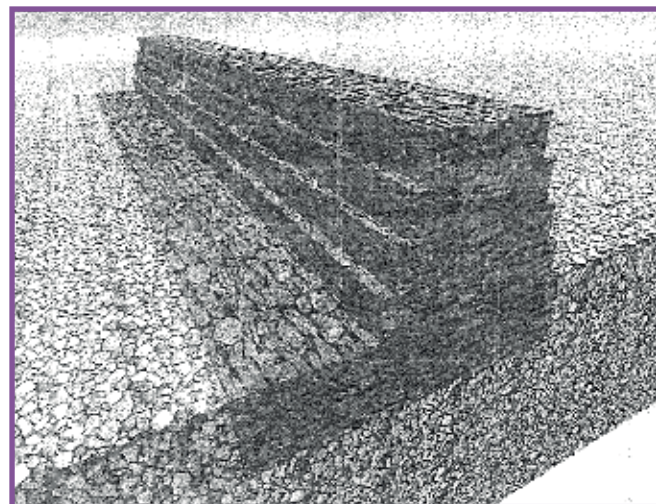
GPS Coordinates N: 35. 1629944 E: 76. 3453944	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 20th February 2022



During implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 2

GPS Coordinates N: 36.1628028 E: 71.5875611	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 20th February 2022



Scheme Design

Construction of protective work at Khaplu Right bank Nallah Structure 2

GPS Coordinates N: 35. 1632417 E: 76. 3455667	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 20th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 3

GPS Coordinates N: 35.1564944 E: 76. 3433306	Scheme Cost PKR 1,408,314 USD 8,002
Total Length of Scheme 27 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu Right bank Nallah Structure 3

GPS Coordinates N: 35.1564944 E: 76. 3433306	Scheme Cost PKR 1,408,314 USD 8,002
Total Length of Scheme 27 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 4

GPS Coordinates N: 35. 1586472 E: 76. 3441861	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 5

GPS Coordinates N: 35. 1563167 E: 76. 3431694	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 6

GPS Coordinates N: 35. 1565278 E: 76. 343525	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 7

GPS Coordinates N: 35. 1567 E: 76. 3435972	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 8

GPS Coordinates N: 35. 1594556 E: 76. 3444194	Scheme Cost PKR: 1,251,835 USD: 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 9

GPS Coordinates N: 35. 1588667 E: 76. 3442278	Scheme Cost PKR: 1,251,835 USD: 7,113
Total Length of Scheme 24 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 14

GPS Coordinates N: 35.1539917 E: 76.3335222	Scheme Cost PKR 1,095,356 USD 6,224
Total Length of Scheme 21 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 15

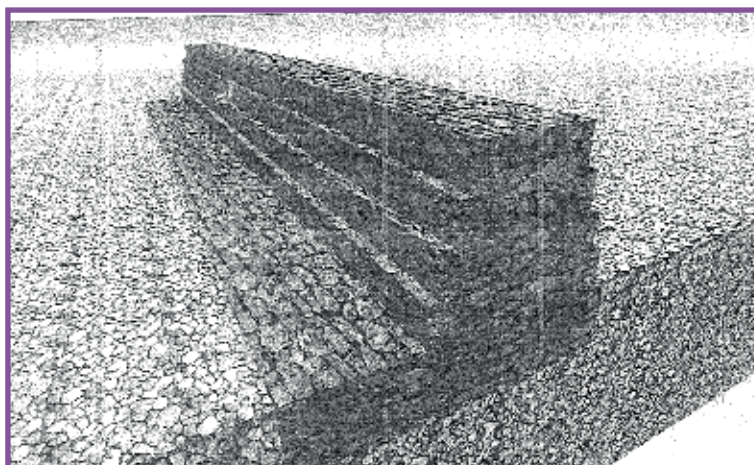
GPS Coordinates N: 35.1636139 E: 76.3458028	Scheme Cost PKR 1,095,356 USD 6,224
Total Length of Scheme 21 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

● Construction of protective work at Khaplu left bank Nallah Structure 16

GPS Coordinates N: 35. 1639778 E: 76. 3461333	Scheme Cost PKR 1,095,356 USD 6,224
Total Length of Scheme 21 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Scheme Design



Before implementation of work

Slope Stabilization through Bio-Engineering and Plantation (Responsible Partner: Forest & Wild Life)

● Compact Plantation 15000

GPS Coordinates N: 35.145891 E: 76.323403	Scheme Cost PKR 198,000 USD 1,125
Benefitting Area 60 Hectares	Present Status 15000 Plants Planted
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 15th May, 2021	Scheme End Date 31st May, 2022




24,000 DIRECT
BENEFICIARIES
(Male: 11,900 ; Female: 12,100)



● Alfa Alfa seeding 62 kg

GPS Coordinates	Scheme Cost
N: 35.161298 E: 76.328782	PKR 136,338 USD 775
Benefitting Area	Present Status
3 Hectares	Completed 62 kg Alfa Alfa seeding
Scheme Type	Land ownership status
Vegetation	Communal Land
Schemes Start Date	Schemes End Date
21 st October, 2021	28 th October, 2021



24,000

DIRECT
BENEFICIARIES

(Male: 11,900 ; Female: 12,100)



Construction of protective work at Khaplu left bank Nallah Structure 10

GPS Coordinates N: 35. 1601222 E: 76. 3440611	Scheme Cost PKR: 782,397 USD: 4,446
Total Length of Scheme 15 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 11

GPS Coordinates N: 35. 1591556 E: 76. 3443167	Scheme Cost PKR: 782,397 USD: 4,446
Total Length of Scheme 15 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 12

GPS Coordinates N: 35. 1596111 E: 76. 3441111	Scheme Cost PKR: 782,397 USD: 4,446
Total Length of Scheme 15 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Construction of protective work at Khaplu left bank Nallah Structure 13

GPS Coordinates N: 35. 1598139 E: 76. 343975	Scheme Cost PKR: 782,397 USD: 4,446
Total Length of Scheme 15 meters	Present Status (100% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Schemes Start Date 1st December 2021	Schemes End Date 28th February 2022



Before implementation of work

Community Based Disaster Risk Management Centre

(Responsible Partner: M/S Hadaf International)

● Khaplu Center

GPS Coordinates N: 35.09102 E: 76.20417	Scheme Cost PKR 5,549,934 USD 31,538
Total Length of Scheme 116 square meters	Present Status Not yet started (Work order given)
Scheme Type Building	Land ownership status Communal Land
Scheme Start Date 31st, March, 2022	Scheme End Date 31st, October, 2022



38 DIRECT
BENEFICIARIES
(Male:27 ; Female:11)



Construction Site



Construction Site

3.13 Barah-District Ghanche

Barah Valley is situated on the bank of Shoyk river and 5 km away from headquarter of district Ghanche, GB. The word Barah was originated by “Cattle Shed” as this piece of land was initially found by the Aryan who migrated from Tibbet and settled with their cattle herds, consequently naming the valley as Barah. Locals consider it as “heaven on earth” owing to lush green fields in summer, blooming flowers in spring, falling autumn leaves and hot water springs in winter. Numerous springs provide crystal clear water for drinking. Trout fish farming generates economic revenue for locals. The valley is main tourist attraction and adjoins to Trangpi Glacier ,Khenpi Glacier ,Apo Bhatta and Chugrail Glacier



**10,803
POPULATION**



**1,271
HOUSEHOLDS**

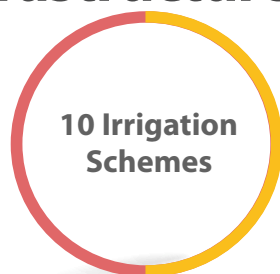


**5,292
MEN**



**5,511
WOMEN**

Infrastructure Progress



00 - Completed (0%)
05 - In Progress (100%)
05 - Not Started (50%)



06 - Completed (100%)
00 - In Progress (0%)
00 - Not Started (0%)



00 - Completed (0%)
00 - In Progress (0%)
26 - Not Started (100%)



00 - Completed (0%)
00 - In Progress (0%)
01 - Not Started (100%)

Irrigation Schemes

(Responsible Partner: On Farm Water Management)

● Improvement of Water Channel of Sarfa Harkha Barah Bala Ghanche

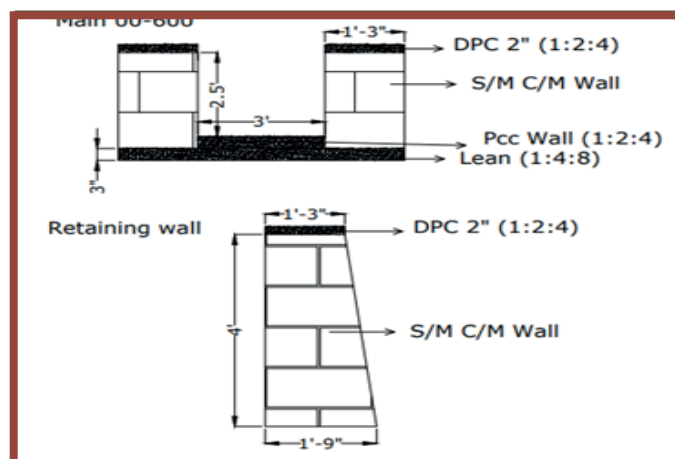
GPS Coordinates	Scheme Cost
N: 35.0841 E: 76.1923	PKR: 1,154,909 USD: 6,563
Total Length of Scheme	Present Status
183 meters	On Going (45% Completed)
Scheme Type 1) Reinforced Cement Concrete roof slab of channel lean, 2) S/M walls of channel and plaster	Land ownership status
	Communal Land
Scheme Start Date	Scheme End Date
1st October, 2021	30th November, 2022



2,400 DIRECT
BENEFICIARIES
(Male:1,152 ; Female:1,248)



278 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

● Installation of HDPE pipe at Barah Nallah from RD 00'-2500' Ph-I

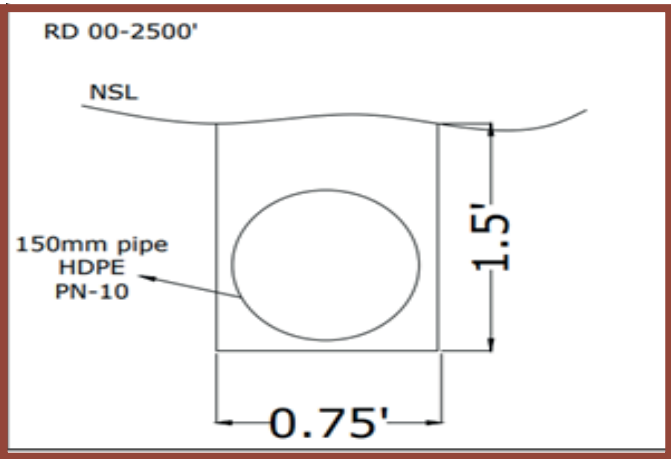
GPS Coordinates N: 35.161772 E:76.247448	Scheme Cost PKR: 2,230,790 USD: 12,676
Total Length of Scheme 762 meters	Present Status On Going (40% Completed)
Scheme Type Installation of pipe with Intake chamber	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 1st November, 2022



296 DIRECT
BENEFICIARIES
(Male:143 ; Female:153)



253 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

● Installation of HDPE pipe at Barah Nallah from RD 2500'-5500' Ph-II

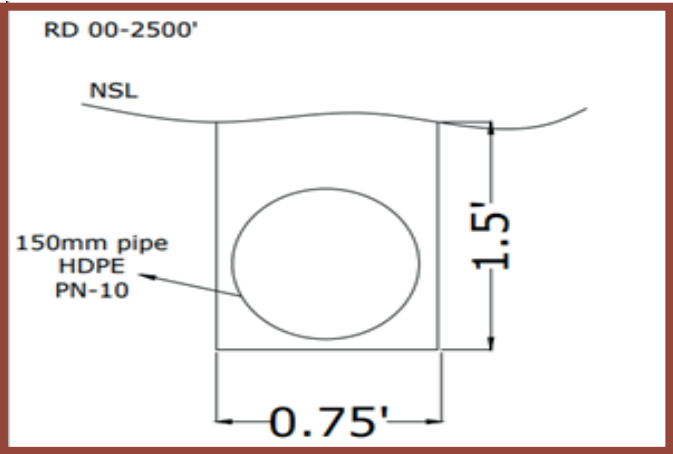
GPS Coordinates N: 35.161963 E: 76.247608	Scheme Cost PKR: 2,645,453 USD: 15,032
Total Length of Scheme 914 meters	Present Status On Going (40% Completed)
Scheme Type Installation of pipe with Intake chamber	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th June, 2022



296 DIRECT
BENEFICIARIES
(Male:143 ; Female:153)



253 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

● Installation of HDPE pipe at Barah Nallah from RD 5500'-8500' Ph-III

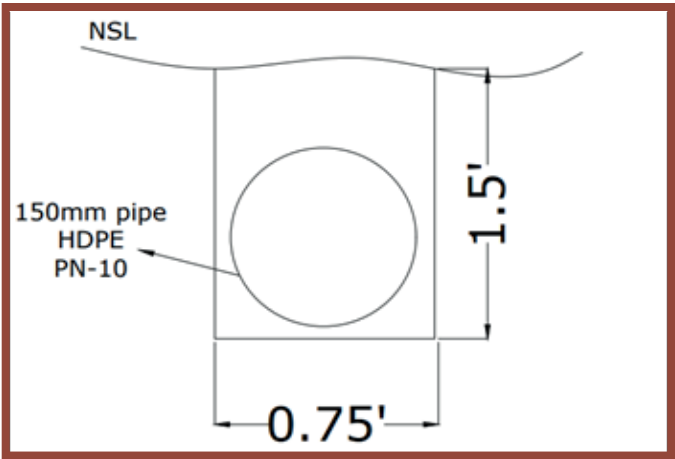
GPS Coordinates N: 35.172755 E: 76.246047	Scheme Cost PKR: 2,621,453 USD: 14,896
Total Length of Scheme 914 meters	Present Status On Going (40% Completed)
Scheme Type Installation of pipe with Intake chamber	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 1st November, 2022



296 DIRECT
BENEFICIARIES
(Male:143 ; Female:153)



253 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

● Installation of HDPE pipe at Barah Nallah from RD 8500'-11250' Ph-IV

GPS Coordinates N: 35.172274 E: 76.245517	Scheme Cost PKR: 2,384,121 USD: 13,547
Total Length of Scheme 253 meters	Present Status On Going (40% Completed)
Scheme Type Installation of pipe with Intake chamber	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 1st November, 2022



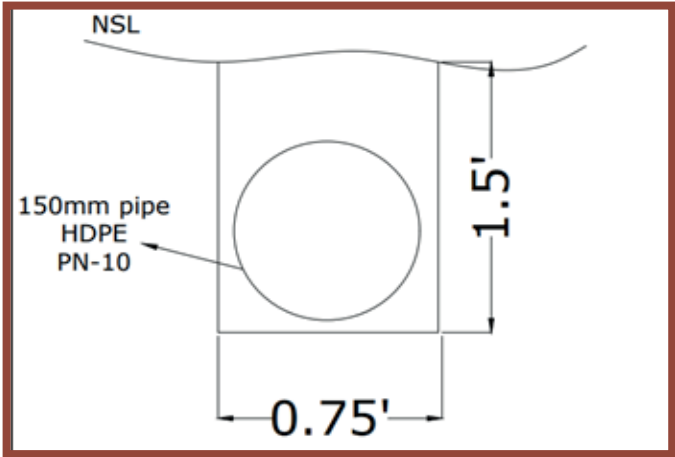
296 DIRECT
BENEFICIARIES
(Male:143 ; Female:153)



253 HECTARES
BENEFITTED AREA



Scheme Design



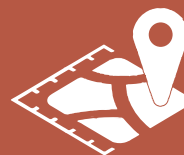
Irrigation Site

Small Scale Infrastructures

(Responsible Partner : Gilgit Baltistan Disaster Management Authority)



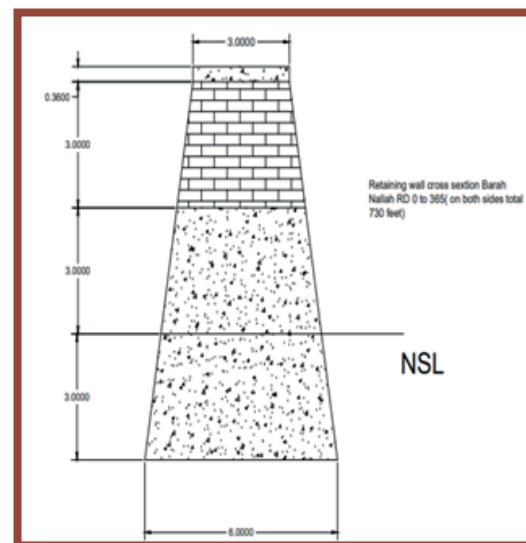
640 DIRECT
BENEFICIARIES
(Male: 307 ; Female: 333)



14 HECTARES
BENEFITTED AREA

● Construction of protective work at Barah Nallah Structure 1

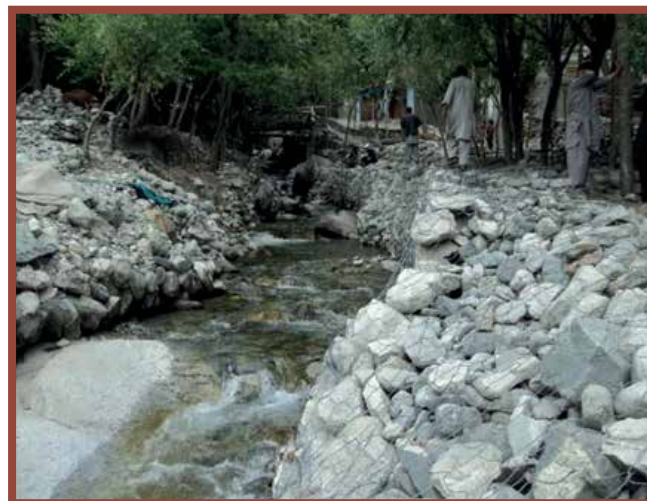
GPS Coordinates N: 35. 2005694 E: 76. 2674722	Scheme Cost PKR: 1,151,683 USD: 6,545
Total Length of Scheme 37 meters	Present Status (100% Completed)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June 2022



Scheme Design

● Construction of protective work at Barah Nallah Structure 2

GPS Coordinates N: 35. 2003889 E: 76. 2675083	Scheme Cost PKR: 1,151,683 USD: 6,545
Total Length of Scheme 37 meters	Present Status (100% Completed)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June 2022



Construction Site for protective work Barah

● Construction of protective work at Barah Nallah Structure 3

GPS Coordinates N: 35. 2007778 E: 76. 2678472	Scheme Cost PKR 1,151,683 USD 6,545
Total Length of Scheme 37 meters	Present Status (100% Completed)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June 2022



Construction Site for protective work Barah

● Construction of protective work at Barah Nallah Structure 4

GPS Coordinates N: 35. 2009056 E: 76. 2678528	Scheme Cost PKR 1,151,683 USD 6,545
Total Length of Scheme 37 meters	Present Status (100% Completed)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June 2022



Construction Site for protective work Barah

● Construction of protective work at Barah Nallah Structure 5

GPS Coordinates N: 35.2010361 E: 76.2681417	Scheme Cost PKR 1,151,683 USD 6,545
Total Length of Scheme 37 meters	Present Status (100% Completed)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June 2022



Construction Site for protective work Barah

● Construction of protective work at Barah Nallah Structure 6

GPS Coordinates N: 35.2012917 E: 76.2679139	Scheme Cost PKR 1,151,683 USD 6,545
Total Length of Scheme 37 meters	Present Status (100% Completed)
Scheme Type Plumb Concrete Retaining wall	Land ownership status Communal Land
Scheme Start Date 1st March, 2022	Scheme End Date 30th June 2022



Construction Site for protective work Barah

Community Based Disaster Risk Management Centre

(Responsible Partner: M/S Hadaf International)

● Barah Center

GPS Coordinates N: 35.121599 E:76.16314	Scheme Cost PKR 5,549,934 USD 31,538
Total Land Area 68 square meters	Present Status Not yet started (Work order given)
Scheme Type Construction of CBDRM Centre	Land ownership status Communal Land
Scheme Start Date 31st, March, 2022	Scheme End Date 31st, October, 2022



43 DIRECT
BENEFICIARIES
(Male:34 ; Female: 09)



Construction Site



Construction Site

VALLEY

3.14 Ghundus-District Kharman

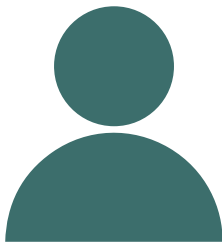
Ghundus Valley is one of the major villages in Kharman district of Baltistan division. It is bounded on the south by Kargil and Leh of Ladakh, on the north east by Ghanche district, on the north by Skardu and on west by Astore. The valley is located at a distance of about 100 km southeast of Skardu and area is approximately 7909 square km. Major occupation is agriculture and livestock rearing of cattle, sheep, yak and cows. Barley, wheat, potatoes and vegetables are the main crops. Apricot, apple, walnut and cherry are the popular fruits of the valley. The region is famous for apricot production and dry apricot is the main source of income. The glaciers around the valley are Staay Mangale Glacier and Zing Gar Glacier. Kundal bala, Gorshai, Khesheen Sir, Danoos are the main glaciers surrounding the valley.



24,000
POPULATION



3,000
HOUSEHOLDS

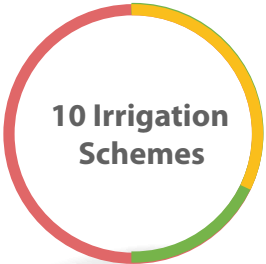


11,900
MEN



12,100
WOMEN

Infrastructure Progress



- 02 - Completed (20%)
- 03 - In Progress (30%)
- 00 - Not Started (50%)



- 00 - Completed (0%)
- 07 - In Progress (100%)
- 00 - Not Started (100%)



- 15 - Completed (57%)
- 00 - In Progress (0%)
- 11 - Not Started (43%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 01 - Not Started (100%)

Irrigation Schemes

(Responsible Partner: Water Management Directorate)

- Improvement of existing watercourse Gamba Harkong from Spring to existing lined w/c of NPIWC-II

GPS Coordinates	Scheme Cost
N: 34.968958 E: 76.206264	PKR: 1,481,097 USD: 8,416
Total Length of Scheme	Present Status
613 meters	On Going (30% Work Completed)
Scheme Type	Land ownership status
Plain Cement Concrete	Communal Land
Scheme Start Date	Scheme End Date
1st October, 2021	30th April, 2022



250 DIRECT
BENEFICIARIES
(Male:127 ; Female:123)



101 HECTARES
BENEFITTED AREA



● Installation of pipe and construction of intake and outlet chamber at Somoks

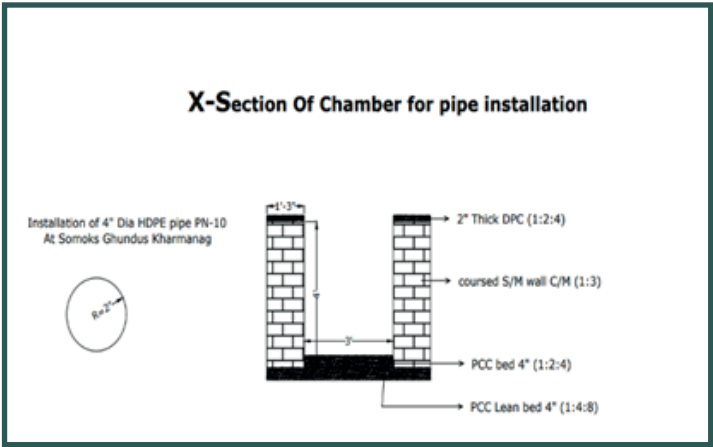
GPS Coordinates N: 35.14436339 E: 76.32314452	Scheme Cost PKR: 871,671 USD: 4,953
Total Length of Scheme 579 meters	Present Status On Going (30% Work Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



152 DIRECT
BENEFICIARIES
(Male:73 ; Female:79)



4 HECTARES
BENEFITTED AREA



Scheme Design



Irrigation Site

● Improvement of head work on " Doskar Water Channel at Ghundus Nallah

GPS Coordinates	Scheme Cost
N: 34.963192 E: 76.209722	PKR: 731,153 USD: 4,154
Total Length of Scheme	Present Status
244 meters	(100% Completed)
Scheme Type	Land ownership status
1) Plain Cement Concrete 2) water control gates	Communal Land
Scheme Start Date	Scheme End Date
1 st October, 2021	30 th April, 2022



178 DIRECT
BENEFICIARIES
(Male:87 ; Female:91)



66 HECTARES
BENEFITTED AREA



Before Implementation



After Implementation

● Improvement of head work on " Xochi water Channel at Ghandus Nallah

GPS Coordinates N: 35.35.153207 E: 76.327616	Scheme Cost PKR: 937,881 USD: 5,329
Total Length of Scheme 61 meters	Present Status (100% Completed)
Scheme Type 1) Intake chamber, 2) lining of channel	Land ownership status Communal Land
Schemes Start Date 1st October, 2021	Schemes End Date 30th April, 2022



176 DIRECT
BENEFICIARIES
(Male:84 ; Female:92)



81 HECTARES
BENEFITTED AREA



Before



After

● improvement of head work on " Gongma water channel at Ghandus Nallah

GPS Coordinates	Scheme Cost
N: 34.962769 E: 76.209475	PKR: 711,621 USD: 4,043
Total Length of Scheme	Present Status
61 meters	On Going (80% Completed)
Scheme Type	Land ownership status
1) Flood protective Wall, 2) lining of channel intake channel	Communal Land
Schemes Start Date	Schemes End Date
1 st October, 2021	30 th April, 2022



160 DIRECT
BENEFICIARIES
(Male:77 ; Female:83)



28 HECTARES
BENEFITTED AREA



Before



After

Small Scale Infrastructures

(Responsible Partners: Gilgit Baltistan Disaster Management Authority)



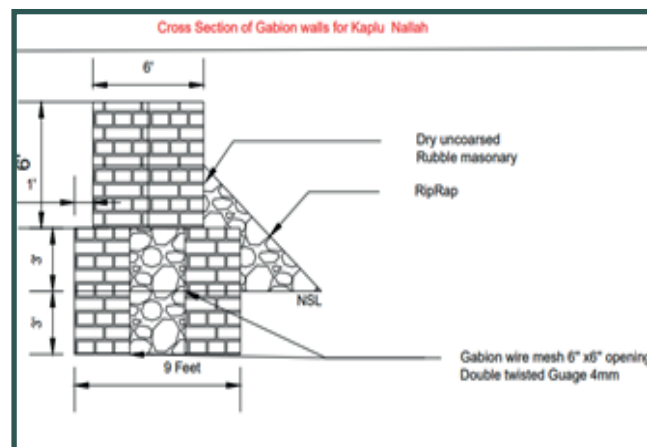
960 DIRECT
BENEFICIARIES
(Male:460 ; Female: 500)



6 HECTARES
BENEFITTED AREA

● Construction of protective work at Ghundus Nallah Structure 1

GPS Coordinates N: 34. 9619861, E: 76. 2115333	Scheme Cost PKR 1,241,701 USD 7,056
Total Length of Scheme 24 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st March 2021	Scheme End Date 30th june 2022



Scheme Design

● Construction of protective work at Ghundus Nallah Structure 2

GPS Coordinates N: 35. 1629944 E: 76. 3453944	Scheme Cost PKR 1,251,835 USD 7,113
Total Length of Scheme 24 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 20th February 2022



During implementation of work

● Construction of protective work at Ghundus Nallah Structure 3

GPS Coordinates N: 34. 9617389 E: 76. 21055	Scheme Cost PKR 1,241,701 USD 7,056
Total Length of Scheme 24 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 30th June 2022



Construction of protective work at Ghundus Nallah

● Construction of protective work at Ghundus Nallah Structure 4

GPS Coordinates N: 35. 1632417 E: 76. 3455667	Scheme Cost PKR 1,241,701 USD 7,056
Total Length of Scheme 24 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 20th February 2022



Construction of protective work at Ghundus Nallah

● Construction of protective work at Ghundus Nallah Structure 5

GPS Coordinates N: 34. 9615194 E: 76. 2100194	Scheme Cost PKR 1,241,701 USD 7,056
Total Length of Scheme 24 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 30th June 2022



Before implementation of work

● Construction of protective work at Ghundus Nallah Structure 6

GPS Coordinates N: 35.1564944 E: 76. 3433306	Scheme Cost PKR 1,241,701 USD 7,056
Total Length of Scheme 27 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 28th February 2022



Before implementation of work

● Construction of protective work at Ghundus Nallah Structure 7

GPS Coordinates N: 34. 960775 E: 76. 2081694	Scheme Cost PKR 1,241,701 USD 7,056
Total Length of Scheme 24 meters	Present Status On Going (40% Completed)
Scheme Type Gabion Wall	Land ownership status Communal Land
Scheme Start Date 1st December 2021	Scheme End Date 30th June 2022



Before implementation of work

Slope Stabilization through Bio-Engineering and Plantation (Responsible Partner: Forest & Wild Life)

● Plantation of indigenous plants 15000

GPS Coordinates	Scheme Cost
N: 345936.53 E: 761303.57	PKR 300,000 USD 1,704
Benefitted Area	Present Status
60 Hectares	15000 Plants Planted
Scheme Type	Land ownership status
Plantation	Communal Land
Scheme Start Date	Scheme End Date
15th May, 2021	31st May, 2022



2,581 DIRECT
BENEFICIARIES
(Male: 1,279 ; Female: 1,302)



Community Based Disaster Risk Management Centre

(Responsible Partner: M/S Hadaf International)

● Khaplu Center

GPS Coordinates N: 34.582364 E: 76.124942	Scheme Cost PKR 5,061,023 USD 28,503
Total Length of Scheme 116 square meters	Present Status Not yet started (Work order given)
Scheme Type Building	Land ownership status Communal Land
Scheme Start Date 31st, March, 2022	Scheme End Date 31st, October, 2022



41 DIRECT
BENEFICIARIES
(Male:29 ; Female:12)



Construction Site



Construction Site

3.15 Strangbut-District Skardu

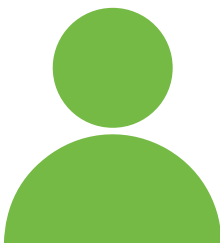
Strangbut/Basho is surrounded by the Deosai Plains to the south, Kachura valley to the east and Skoyo-Karabathang-Basingo catchment to the west. It ascends from the southern side of river Indus at an altitude of approx. 2,150 m elevation. This valley is found within a semi-arid and rugged mountain landscape “mountain desert”. Because of the altitude, the area has a marked seasonal climate comparable to that of the temperate zone. The valley sides are covered with thick layers of glacial deposits that have been reworked by the action of water and gravity to form steep slopes, gullies and fans. Serfo Glacier, Snonpo Glacier and Sarfalinga glacier are the main glaciers in the area.



5,099
POPULATION



600
HOUSEHOLDS



2,523
MEN



2,576
WOMEN

Infrastructure Progress



- 02 - Completed (20%)
- 01 - In Progress (10%)
- 07 - Not Started (70%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 10 - Not Started (100%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 26 - Not Started (100%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 01 - Not Started (100%)

Irrigation Schemes

(Responsible Partner: Water Management Directorate)

• Water Channel at "Doros Basho" Skardu

GPS Coordinates N: 35.274288 E: 75.184825	Scheme Cost PKR: 1386259 USD: 7878
Total Length of Scheme 427 meters	Present Status Completed (100% completed)
Scheme Type 1) Plain Cement Concrete Lining 2) Stone masonry walls of channel and plaster	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th June, 2022



800 DIRECT
BENEFICIARIES
(Male: 384 ; Female: 416)



172 HECTARES
BENEFITTED AREA



Irrigation site in Basho/Strangbut

• Water Channel "Nazim Abad Basho"

GPS Coordinates N: 35.272320 E: 75.184175	Scheme Cost PKR: 1,550,378 USD: 8,810
Total Length of Scheme 152 meters	Present Status Completed (100% work done)
Scheme Type 1) Plain Cement Concrete Lining 2) Stone masonry walls of channel and plaster	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th June, 2022



176 DIRECT
BENEFICIARIES
(Male: 85 ; Female: 91)



202 HECTARES
BENEFITTED AREA



Before Implementation of Work



After Implementation of Work

- Water Channel "Sultan Abad Basho"

GPS Coordinates N: 35.264649 E: 75.175766	Scheme Cost PKR: 1,545,787 USD: 8,784
Total Length of Scheme 600 meters	Present Status On Going (80% Work done)
Scheme Type 1) Plain Cement Concrete Lining 2) Stone masonry walls of channel and plaster	Land ownership status Communal Land
Scheme Start Date 1st October, 2021	Scheme End Date 30th November, 2022



560 DIRECT
BENEFICIARIES
(Male: 269 ; Female: 291)



129 HECTARES
BENEFITTED AREA



Before Implementation of Work



After Implementation of Work

VALLEY

3.16 Arindu-District Kohistan

Arindu Valley is the last village of the Basha valley Shigar, located 120 kilometer away from Skardu adjacent to Arando Gangre Glacier. Mainstay of livelihood for people is agriculture, livestock and farming activities. Almost 90% of the population depends on agriculture as subsistence. They grow wheat, barley, potato, and other kinds of vegetables and grains. Apricot fruit is produced in good quantity in the area. The income generating activity of community is cattle farming. Climatic condition in this area is severe cold (sub-zero) in winter season and dry pleasant in summer season. The region falls in transitional crop zone. The valley has exquisite natural resources including forests, pastures, wildlife, wet lands and plains. Chogholongma Glaciers and Karfoghoro Glacier are present around the valley



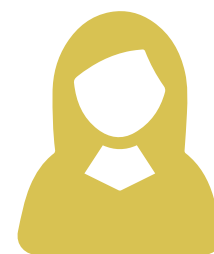
2,000
POPULATION



165
HOUSEHOLDS



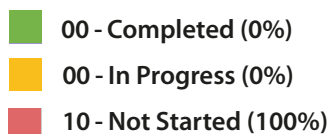
960
MEN



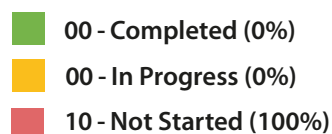
1,040
WOMEN

Infrastructure Progress

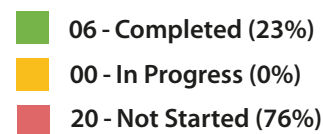
**10 Irrigation
Schemes**



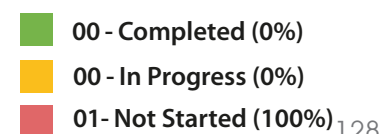
**10 Small Scale
Infrastructure**



**26 Ha Slope
Stabilization**



**01 CBDRM
Center**



Slope Stabilization

(Responsible Partner: Forest & Wild Life Department)

● Compact Plantation Plants 3000

GPS Coordinates N: 35.514849 E: 75.205691	Scheme Cost PKR 150,000 USD 852
Benefitted Area 457.2 m	Present Status Completed (3000 Sapling Planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 6th June, 2021	Scheme End Date 11th November, 2021




8,045 DIRECT
BENEFICIARIES
(Male:4273 ; Female:3,772)



Sapplings Planted

● Ever-Green Plants 1500

GPS Coordinates N: 35.863981 E: 75.2876	Scheme Cost PKR 75,000 USD 426
Benefitted Area 457.2 m	Present Status Completed (1500 Sapling Planted)
Scheme Type Plantation	Land ownership status Communal Land
Scheme Start Date 6th June, 2021	Scheme End Date 11thNovember, 2021

 **8,045** DIRECT BENEFICIARIES
(Male:4273 ; Female:3,772)



Sapplings Planted





Broghil ,Chitral-KhyberPakhtunkhwa

KHYBER PAKHTUNKHWA

VALLEY

4.01 Reshun-District Chitral

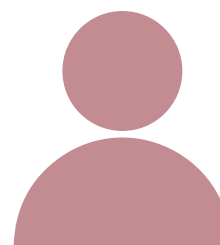
Reshun Majority of the people depend upon agriculture and livestock rearing. Rashun Gol, the main river is a source of irrigation for the agriculture lands owned by the people of the valley. The valley is not only proven to floods from its back side but also from the main river in the front of Reshun village cutting the agricultural lands owned by the local people. Majority of the facilities including health services, educational institutes, businesses, and shops are located in the lower part of the valley, thus, they are deemed to be very vulnerable to damages caused by flooding. Lot Shal, and Beyu glaciers are the main glaciers in the valley.



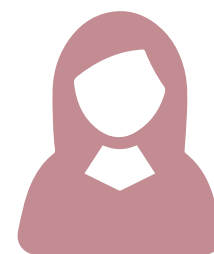
4,775
POPULATION



759
HOUSEHOLDS

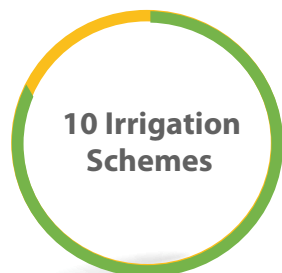


2,483
MEN

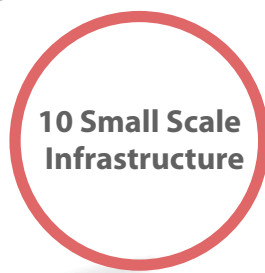


2,292
WOMEN

Infrastructure Progress



08 - Completed (80%)
02 - In Progress (20%)
00 - Not Started (0%)



00 - Completed (0%)
00 - In Progress (0%)
10 - Not Started (100%)



00 - Completed (0%)
00 - In Progress (0%)
31.4 - Not Started (100%)



00 - Completed (0%)
00 - In Progress (0%)
01 - Not Started (100%)

Irrigation Schemes

(Implementing Department Water Management Directorate)

● Repair & Rehabilitation of Panandeh Irrigation Channel

GPS Coordinates		Scheme Cost	
N: 36.143611 E: 72.124167		PKR 1,088,826 USD 6,588.16	
Total Length of Scheme		Present Status	
914 meters		100 % work Completed	
Scheme Type		Land ownership status	
Plan Cement Concrete Lining Rectangular Section		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		10 th November, 2022	



350 DIRECT
BENEFICIARIES
(Male:183 ; Female:167)



8 HECTARES
BENEFITING AREA




Before implementation of work



Before implementation of work

- **Repair & Rehabilitation of Tordeh Irrigation Channel, Ragheen Bala**


<div> <div>GPS Coordinates</div> <div> <div>N: 36.148333</div> <div>E: 72.108056</div> </div> </div> <div> <div>Scheme Cost</div> <div> <div>PKR 1,353,332</div> <div>USD 8,188.61</div> </div> </div>	
<div>Total Length of Scheme</div> <div>Total 2550 meters, lining length 750 meters</div>	<div>Present Status</div>
<div>Scheme Type</div> <div>Plan Cement Concrete Rectangular Section + HDPE Pipe 110mm PN-10</div>	<div>Land ownership status</div> <div>Existing channel is Rehabilitation channel land status not applicable</div>
<div>Scheme Start Date</div> <div>15th September, 2021</div>	<div>Scheme End Date</div> <div>10th November, 2022</div>



245

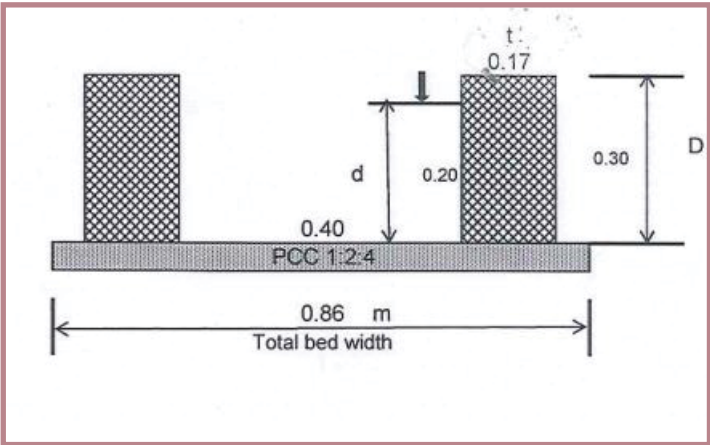
DIRECT BENEFICIARIES

(Male:135 ; Female:110)



6

HECTARES BENEFITING AREA




Scheme Design



Before implementation of work

● **Repair & Rehabilitation of Hakimidoor Irrigation Channel**

<div> <div>GPS Coordinates</div> <div> <div>N: 36.14834</div> <div>E: 72.11743</div> </div> </div> <div> <div>Scheme Cost</div> <div> <div>PKR 985,000</div> <div>USD 5,959.94</div> </div> </div>	
<div>Total Length of Scheme</div> <div>Total 1250 Meters, 700 Meters</div>	<div>Present Status</div> <div>100 % work Completed</div>
<div>Scheme Type</div> <div>Plan Cement Concrete Rectangular Section + HDPE Pipe 110mm PN-10</div>	<div>Land ownership status</div> <div>Existing channel is Rehabilitation channel land status not applicable</div>
<div>Scheme Start Date</div> <div>15th September, 2021</div>	<div>Scheme End Date</div> <div>10th November, 2022</div>



140

DIRECT BENEFICIARIES

(Male:65 ; Female:75)



6

HECTARES BENEFITING AREA




After implementation of work



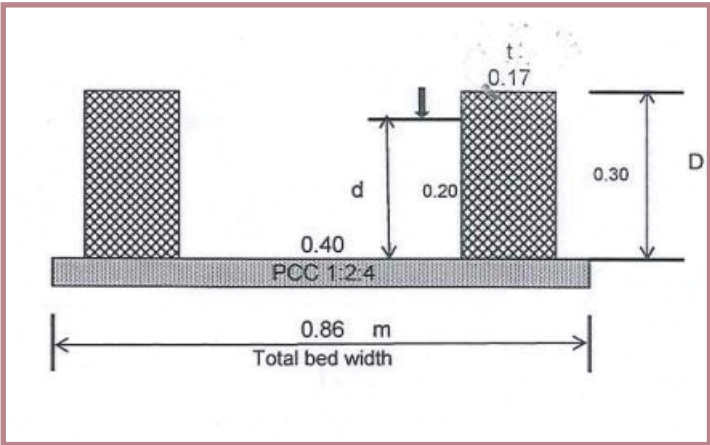
Before implementation of work

● **Repair & Rehabilitation of Bobakandeh Irrigation Channel, Ragheen Bala**

GPS Coordinates		Scheme Cost	
N: 36.148333 E: 72.108056		PKR 1,029,032 USD 6,226.36	
Total Length of Scheme		Present Status	
Total 2450 meters, 550 meters lining		On Going (40 % Work Completed)	
Scheme Type		Land ownership status	
Plan Cement Concrete Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		10 th November, 2022	

 **260** DIRECT
BENEFICIARIES
(Male:125 ; Female:135)

 **20** HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

- **Repair & Rehabilitation of Ghulam Mustafa Irrigation Channel, Ragheen Payeen**

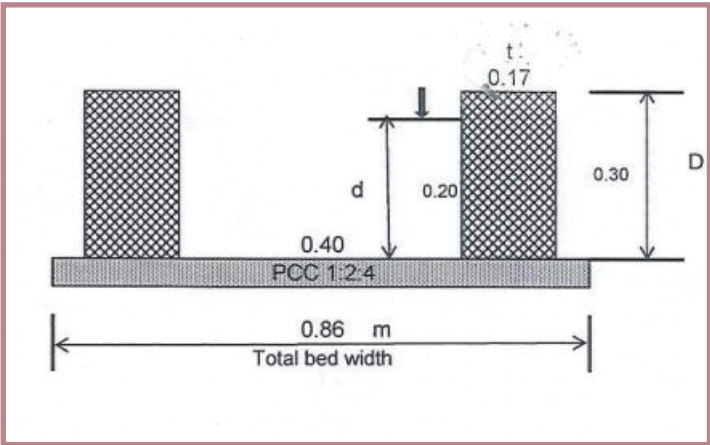
GPS Coordinates		Scheme Cost	
N: 36.155565 E: 72.106111		PKR 1,396,458 USD 8,449.5	
Total Length of Scheme		Present Status	
Total 1550 meters, lining length 720 meters		On Going (90 % Work Completed)	
Scheme Type		Land ownership status	
Plan Cement Concrete Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		10 th November, 2022	



210 DIRECT
BENEFICIARIES
(Male:101 ; Female:109)



20 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

● **Repair & Rehabilitation of Rezandoor Irrigation Channel**

<div> <div>GPS Coordinates</div> <div> N: 36.151667 E: 72.10 </div> </div> <div> <div>Scheme Cost</div> <div> PKR 1,978,241 USD 11,969.7 </div> </div>	
<div>Total Length of Scheme</div> <div>Total 2250 meters, lining length 870 meters</div>	<div>Present Status</div> <div>100 % Work Completed</div>
<div>Scheme Type</div> <div>Plan Cement Concrete Rectangular Section + HDPE Pipe 110mm PN-10</div>	<div>Land ownership status</div> <div>Existing channel is Rehabilitation channel land status not applicable</div>
<div>Scheme Start Date</div> <div>15th September, 2021</div>	<div>Scheme End Date</div> <div>10th November, 2021</div>



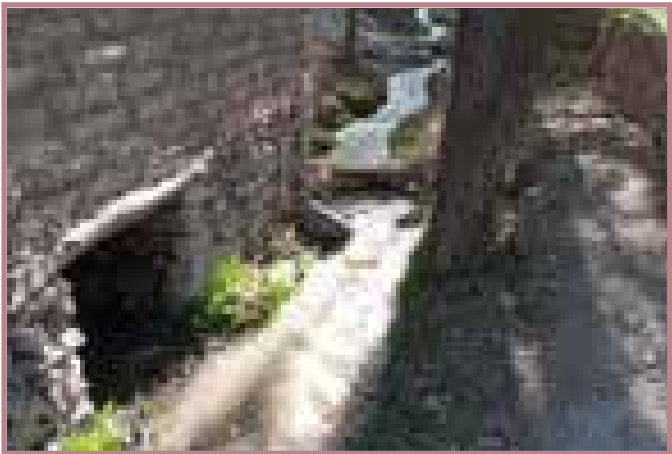
420 DIRECT
BENEFICIARIES
(Male:205 ; Female:215)



20 HECTARES
BENEFITING AREA




After implementation of work




Before implementation of work

● **Repair & Rehabilitation of Romandoor Irrigation Channel**

GPS Coordinates		Scheme Cost	
N: 36.151667 E: 72.10		991367 PKR 5998.46 USD	
Total Length of Scheme		Present Status	
Total 950 Meters, lining length 560 meters		100 % Work Completed	
Scheme Type		Land ownership status	
Plan Cement Concrete Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		10 th November, 2021	



300 DIRECT
BENEFICIARIES
(Male:140 ; Female:160)



8 HECTARES
BENEFITING AREA




After implementation of work



Before implementation of work

● **Repair & Rehabilitation of Aliyan Irrigation Channel**

GPS Coordinates		Scheme Cost	
N: 36.153588 E: 72.102846		PKR 1,223,313 USD 7,401.9	
Total Length of Scheme		Present Status	
Total 1250 meters, 510 m lining		On Going (80 % Work Completed)	
Scheme Type		Land ownership status	
Plan Cement Concrete Rectangular Section + PCPS Lining		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		10 th November, 2021	



315 DIRECT
BENEFICIARIES
(Male:175 ; Female:140)



10 HECTARES
BENEFITING AREA




After implementation of work



Before implementation of work

● Repair & Rehabilitation of Sarandoori Irrigation Channel


<div> <div>GPS Coordinates</div> <div> <div>N: 36.156944</div> <div>E: 72.100833</div> </div> </div> <div> <div>Scheme Cost</div> <div> <div>PKR 947,120</div> <div>USD 5,730</div> </div> </div>	
<div>Total Length of Scheme</div> <div>Total 1030 Meters, lining length 550 meters</div>	<div>Present Status</div> <div>On Going (80 % Work Completed)</div>
<div>Scheme Type</div> <div>PCC Rectangular Section+ HDPE Pipe 110mm PN-10</div>	<div>Land ownership status</div> <div>Existing channel is Rehabilitation channel land status not applicable</div>
<div>Scheme Start Date</div> <div>15th September, 2021</div>	<div>Scheme End Date</div> <div>10th November, 2021</div>



175

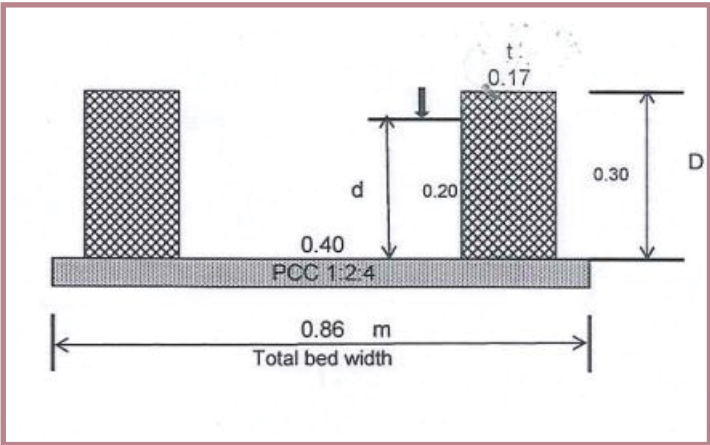
DIRECT BENEFICIARIES

(Male: 94 ; Female: 81)



8

HECTARES BENEFITING AREA



Scheme Design



Before implementation of work

● Repair & Rehabilitation of Lutdoor Irrigation Channel

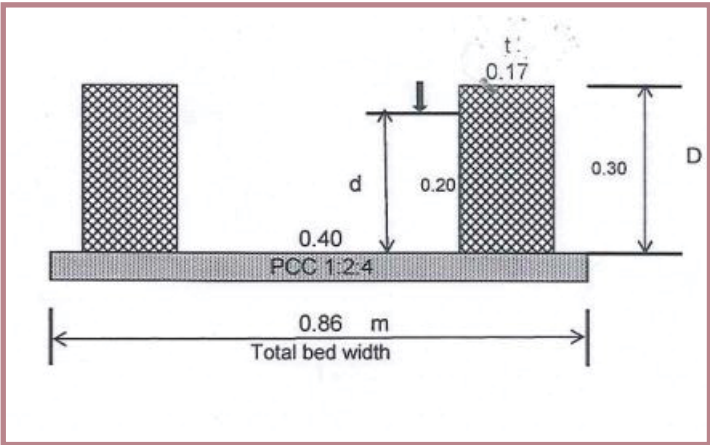
GPS Coordinates		Scheme Cost	
N: 36.152778 E: 72.1025		PKR 1,880,948 USD 11,381	
Total Length of Scheme		Present Status	
Total 2250 meters, lining lenth 850 meters		100 % Work Completed	
Scheme Type		Land ownership status	
PCC Rectangular Section+ PVC Pipe 10 inch dia Class B		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		9 th November, 2021	



420DIRECT
BENEFICIARIES
(Male: 200 ; Female: 220)



20 HECTARES
BENEFITING AREA



Scheme Design



After implementation of work

● Repair & Rehabilitation of Zait Irrigation Channel

GPS Coordinates		Scheme Cost	
N: 36.176389 E: 72.130278		PKR 1,118,293 USD 6,766.46	
Total Length of Scheme		Present Status	
Total 2250 meters, lining lenth 850 meters		100 % Work Completed	
Scheme Type		Land ownership status	
PCC Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		12 th November, 2021	



250DIRECT
BENEFICIARIES
(Male: 110 ; Female: 140)



11 HECTARES
BENEFITING AREA



After implementation of work



Before implementation of work

● Repair & Rehabilitation of Golgas Irrigation Channel

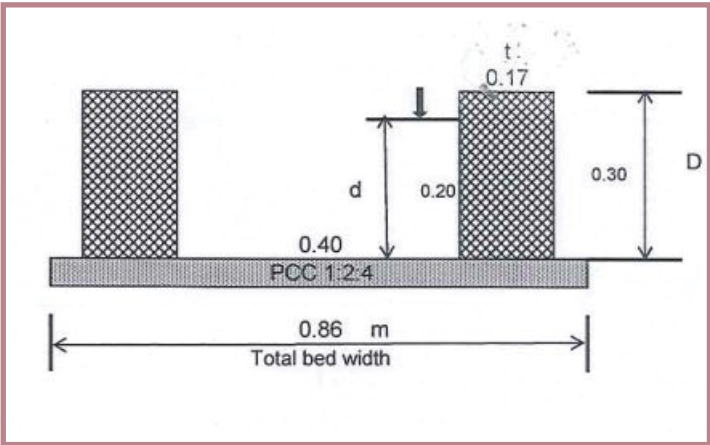
GPS Coordinates		Scheme Cost	
N: 36.153611 E: 72.101944		PKR 797,176 USD 4,823	
Total Length of Scheme		Present Status	
Total 850 meters, lining length 550 m		100 % Work Completed	
Scheme Type		Land ownership status	
PCC Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		12 th November, 2021	



280DIRECT
BENEFICIARIES
(Male: 145 ; Female: 135)



8 HECTARES
BENEFITING AREA



Scheme Design



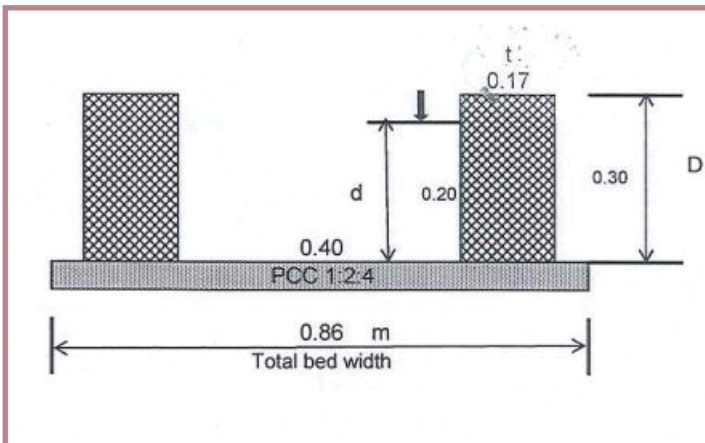
Before implementation of work

● Repair & Rehabilitation of Batikandeh No.1 Irrigation Channel

GPS Coordinates		Scheme Cost	
N: 36.145278 E: 72.120556		1,296,000 PKR 7,841 USD	
Total Length of Scheme		Present Status	
1250 Meters, lining length 400 meters & 285 m pipe		100 % Work Completed	
Scheme Type		Land ownership status	
PCC Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15th September, 2021		12th November, 2021	

420 DIRECT
BENEFICIARIES
(Male: 223; Female: 197)

14 HECTARES BENEFITING AREA



Scheme Design



Before implementation of work

● **Repair & Rehabilitation of Batikandeh No.2 Irrigation Channel**

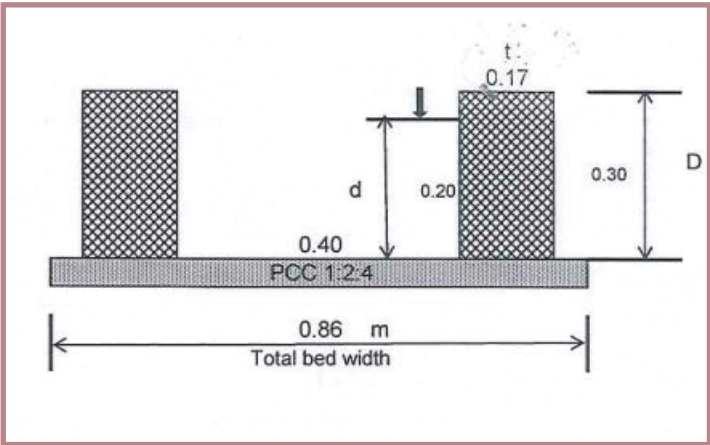
GPS Coordinates		Scheme Cost	
N: 36.145278 E: 72.120556		PKR 644,870 USD 3,901	
Total Length of Scheme		Present Status	
Total 1230 Meters, 250 meters pcc & 285 meters pipe		On Going (80 % Work Completed)	
Scheme Type		Land ownership status	
PCC Rectangular Section + HDPE Pipe 110mm PN-10		Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date		Scheme End Date	
15 th September, 2021		12 th November, 2021	



210 DIRECT
BENEFICIARIES
(Male: 101; Female: 109)



6 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

● **Repair & Rehabilitation of Biyar/Ushul Irrigation Channel**

GPS Coordinates		Scheme Cost	
N: 36.146389 E: 72.121111		PKR 328,306 USD 1,986	
Total Length of Scheme Total 350 meters, lining length 250 meters		Present Status 100 % Work Completed	
Scheme Type PCC Rectangular Section + HDPE Pipe 110mm PN-10		Land ownership status Existing channel is Rehabilitation channel land status not applicable	
Scheme Start Date 15 th September, 2021		Scheme End Date 10 th November, 2022	



140 DIRECT
BENEFICIARIES
(Male: 72; Female: 68)



2 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

4.02 Madak Lasht-District Chitral

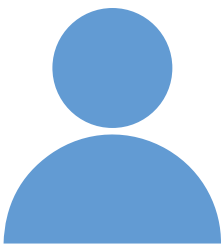
Madak Lasht Valley is situated about 81 km South East of Chitral city. Majority of its inhabitants depend upon agriculture and livestock rearing. The land is fertile and crops like maize and wheat are grown in the area. Peas, potatoes, and other vegetables are grown for domestic use. Dari-Khowar is the language spoken by the rural community. The area is rich in fruit production like apples, apricots, persimmons, and walnuts. The prominent glaciers of the area are Dara e Ailog, Andaveer, and Phushtai Glacier.



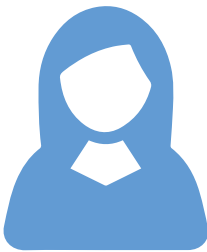
5,300
POPULATION



715
HOUSEHOLDS



2,500
MEN



2,800
WOMEN

Infrastructure Progress



- 04 - Completed (40%)
- 00 - In Progress (0%)
- 06 - Not Started (60%)



- 00 - Completed (0%)
- 02 - In Progress (20%)
- 08 - Not Started (80%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 31.4 - Not Started (100%)



- 00 - Completed (0%)
- 01 - In Progress (100%)
- 00 - Not Started (0%)

Irrigation Schemes

(Implementing Department Farm Water Management, KPK)

● Repair & Rehabilitation of Petawi Water Course

GPS Coordinates N: 35.799377 E: 72.046399	Scheme Cost PKR 1,168,735 USD 7,020
Total Length of Scheme 389 m PCC + Reinforce Cement Concrete Pipe 34.7 m	Present Status 100% (Work Completed)
Scheme Type High Density PolyEthlene Pipe 110mm PN-10	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 10th September, 2020	Scheme End Date 30th May 2021



210 DIRECT
BENEFICIARIES
(Male:110 ; Female:100)



16 HECTARES
BENEFITING AREA



Petawi Water Course Site



Petawi Water Course Site

● **Repair & Rehabilitation of Manjidop Water Course**

GPS Coordinates N: 35.798790 E: 72.047231	Scheme Cost PKR 1,678,333 USD 10,081
Total Length of Scheme 4200 Meters, 600 & 792 meters lining	Present Status 100% (Work Completed)
Scheme Type High Density PolyEthlene Pipe 110mm PN-10	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 10th September, 2020	Scheme End Date 30th May 2021



394 DIRECT
BENEFICIARIES
(Male:194 ; Female: 200)



17 HECTARES
BENEFITING AREA



Manjidop HDPE Pipeline at site



Manjidop HDPE Pipeline at site

● **Repair & Rehabilitation of Noor Khan Water Course**

GPS Coordinates N: 35. 798 047845075 E: 72.	Scheme Cost PKR 1069932 USD 6,427
Total Length of Scheme Total 2000 Meters, 600 & 220 meters lining	Present Status 100% (Work Completed)
Scheme Type High Density PolyEthlene Pipe 110mm PN-10	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 9th October, 2020	Scheme End Date 30th May 2021



315 DIRECT
BENEFICIARIES
(Male:175 ; Female:140)



12 HECTARES
BENEFITING AREA



Inlet Tank Functional at site



Inlet Tank Functional at site

● **Repair & Rehabilitation of Shalodog Water Course**

GPS Coordinates N: 35.808634 E: 72.062660	Scheme Cost PKR 1,168,735 USD 7,020
Total Length of Scheme Total 2000 Meters, 342 meters lining	Present Status 100% (Work Completed)
Scheme Type High Density PolyEthlene Pipe 110mm PN-10	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 9th October, 2020	Scheme End Date 30th May 2021



350 DIRECT
BENEFICIARIES
(Male:185 ; Female:175)



8 HECTARES
BENEFITING AREA



Inlet Tank Functional at site



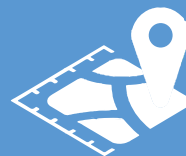
Before implementation of work

Small Scale Infrastructures

(Implementing Department Irrigation Department)



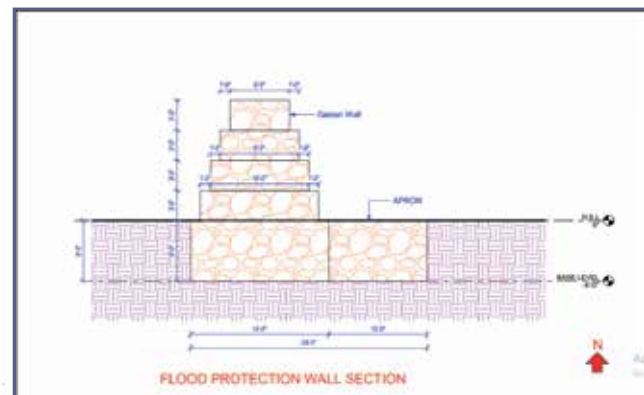
3500 DIRECT
BENEFICIARIES
(Male: 1850 ; Female: 1650)



54 Hectares
BENEFITING AREA

Construction of Small-scale Flood works in Nasir Abad Madak Lasht District Lower Chitral Scheme 1.

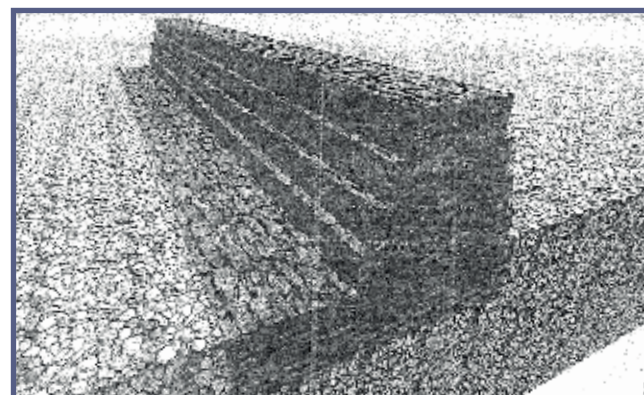
GPS Coordinates N: 35.7986528 E: 72.05700833	Scheme Cost PKR 2,880000 USD 18,274
Total Length of Scheme 15.24 meters	Present Status On Going (70% Completed)
Scheme Type Flood Protection Structure	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1 st July, 2021	Scheme End Date 25 th June, 2022



Scheme Design

Construction of Small-scale Flood works in Nasir Abad Madak Lasht District Lower Chitral Scheme 2

GPS Coordinates N: 35.7985833 E: 72.6876833	Scheme Cost PKR 2,880000 USD 18,274
Total Length of Scheme 15.24 meters	Present Status On Going (70% Completed)
Scheme Type Flood Protection Structure	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19 th August, 2021	Scheme End Date 19 th August, 2022



Scheme Design

Community Based Disaster Risk Management Centre (Implementing Department M/S Hadaf International)

● Madak Lasht Center

GPS Coordinates N: 35. 7725444 E: 72. 02900278	Scheme Cost PKR 7,426,338 USD 45,983
Total Length of Scheme 334 meters	Present Status On Going (20% Completed)
Scheme Type Building	Land ownership status District Administration
Scheme Start Date 2nd Novemeber, 2021	Scheme End Date 30th September, 2022



30 DIRECT
BENEFICIARIES
(Male: 22 ; Female: 8)



During implementation of work



During implementation of work

4.03 Arkari-District Chitral

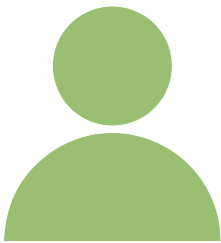
Arkari Valley is located at a distance of 70 km from Chitral in Khyber Pakhtunkhwa (KP) province. An unpaved jeep-able track is bifurcated near Ruji village on main Garam Chashma-Chitral Road, the only way to access the valley. People living in the valley mostly depend on agriculture and livestock. This valley is divided in to two sub valleys near Seyah Arkari. Staring from village Shoal, the sub valley on the right sides ends with Besti Bala sharing its boundary with Afghanistan. Dir/Terichmir Glacier Warwast Glacier, and Mushti Gol Glacier are main glaciers in the area.



7,700
POPULATION



900
HOUSEHOLDS



4,500
MEN



3,200
WOMEN

Infrastructure Progress



- 07 - Completed (70%)
- 00 - In Progress (0%)
- 03 - Not Started (30%)



- 03 - Completed (30%)
- 04 - In Progress (40%)
- 03 - Not Started (30%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 31.4 - Not Started (100%)



- 00 - Completed (0%)
- 01 - In Progress (100%)
- 00 - Not Started (0%)

Irrigation Schemes

(Responsible Partner: On Farm Water Management)

● Repair & Rehabilitation of Pooran Lasht Water Course

GPS Coordinates N: 36.16386 E: 71.583391	Scheme Cost PKR 1,442,046 USD 8,100
Total Length of Scheme 2,150 meters	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Scheme Start Date 10th October, 2020	Scheme End Date 30th April, 2021



280 DIRECT
BENEFICIARIES
(Male:145 ; Female:135)



8 HECTARES
BENEFITING AREA



After implementation of work



After implementation of work

● **Repair & Rehabilitation of Purpooni Water Course**

GPS Coordinates N: 36.194913 E: 71.712917	Scheme Cost PKR 1,539,515 USD 8,647
Total Length of Scheme 3,050 meters, 984 meters lining	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Scheme Start Date 10th October, 2020	Scheme End Date 30th April, 2021



175 DIRECT
BENEFICIARIES
(Male: 85 ; Female: 90)



10 HECTARES
BENEFITING AREA



Before implementation of work



Before implementation of work

- **Repair & Rehabilitation of Mulkuru Pipe Irrigation Channel**

GPS Coordinates N: 36.199913 E: 71.664738	Scheme Cost PKR 899,687 USD 5,443
Total Length of Scheme 1350 Meters, 613 meters lining	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Scheme Start Date 15thSeptember, 2020	Scheme End Date 15th November,2021



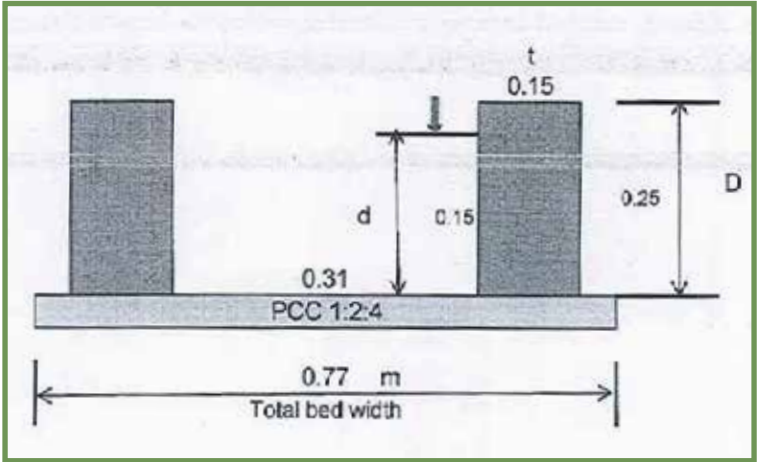
210 DIRECT
 BENEFICIARIES
 (Male:99 ; Female:111)



6 HECTARES
 BENEFITING AREA



Before implementation of work



Scheme Design

● **Repair & Rehabilitation of Zhang Zhoi Pipe Irrigation Channel**

GPS Coordinates N: 36.20048 E 71.664738	Scheme Cost PKR 599,338 USD 9,802
Total Length of Scheme 950 meters, HDPE Pipe lining 400 meters	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Scheme Start Date 15th September, 2020	Scheme End Date 17th November, 2021



420 DIRECT BENEFICIARIES
(Male: 218 ; Female: 202)



10 HECTARES BENEFITING AREA



Before implementation of work



Before implementation of work

● **Repair & Rehabilitation of Gola Goli Irrigation Channel**

GPS Coordinates N: 36.195732 E: 71.694135	Scheme Cost PKR 909,828 USD 5,505
Total Length of Scheme 3500 Meters, 350 meters lining	Present Status 100% (Work Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Scheme Start Date 15th September, 2020	Scheme End Date 18th November, 2021



230 DIRECT
BENEFICIARIES
(Male:110 ; Female:120F)



16 HECTARES
BENEFITING AREA



Before implementation of work



Before implementation of work

- **Repair & Rehabilitation of Zhoke Zhoi Irrigation Channel**

GPS Coordinates N: 36.199403 E: 71.677190	Scheme Cost PKR 1,620,000 USD 9,802
Total Length of Scheme 3500 Meters, Lining Length 505 meters	Present Status 100% (Work Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Scheme Start Date 15thSeptember, 2020	Scheme End Date 15th November,2021



560 DIRECT
BENEFICIARIES
(Male:290 ; Female:270)



32 HECTARES
BENEFITING AREA



Before implementation of work



Before implementation of work

● **Repair & Rehabilitation of Kavira Pipe Irrigation Channel**

GPS Coordinates N: 36.199913 E: 71.664738	Scheme Cost PKR 608,499 USD 3,682
Total Length of Scheme 900 meters, lining length 460 meters	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Scheme Start Date 15th September, 2020	Scheme End Date 17th November, 2021



350 DIRECT
BENEFICIARIES
(Male:192 ; Female: 158)



18 HECTARES
BENEFITING AREA



Before implementation of work



Before implementation of work

Small Scale Infrastructures

(Responsible Partners : Provincial Disaster Management Authority)



400 DIRECT
BENEFICIARIES
(Male: 215 ; Female: 185)



13 Hectares
BENEFITING AREA

Construction of Small-scale Flood works in Besti Arkari Valley District Lower Chitral Scheme 1.

GPS Coordinates N: 36. 163025, 71. 586911E	Scheme Cost PKR 1,035,000 USD 6,567
Total Length of Scheme 15.24 meters	Present Status Completed
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022



Construction of Small-scale Flood works in Besti Arkari Valley District Lower Chitral Scheme 2.

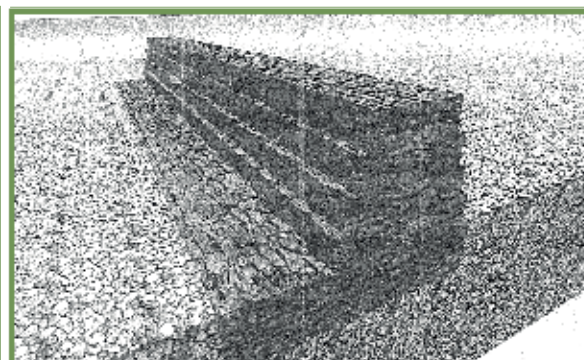
GPS Coordinates N: 36.1628028 E: 71.5875611	Scheme Cost PKR 1,035,000 USD 6,567
Total Length of Scheme 15.24 meters	Present Status Completed
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022



Gabbion Walls At Besti Arkari

Construction of Small-scale Flood works in Besti Arkari Valley District Lower Chitral Scheme 3.

GPS Coordinates N: 36.1624222 E: 71.5897139	Scheme Cost PKR 1,035,000 USD 6,567
Total Length of Scheme 15.24 meters	Present Status Completed
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022



Scheme Design

Construction of Small-scale Flood works in Siyah Arkari Valley District Lower Chitral Scheme 1

GPS Coordinates N: 36.200191 E: 71.5875611	Scheme Cost PKR 1,822,000 USD 11,561
Total Length of Scheme 12.8 meters	Present Status On Going (70% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022



350 DIRECT
BENEFICIARIES
(Male: 180 ; Female: 170)



8 Hectares
BENEFITING AREA

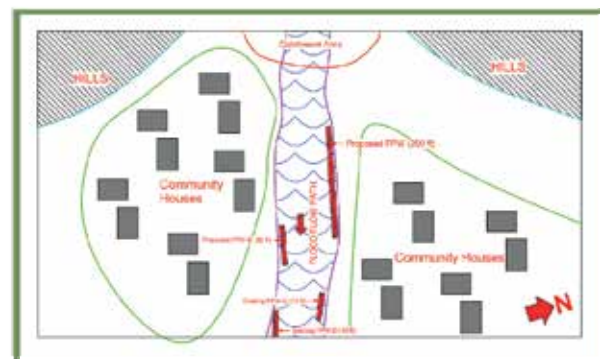
Construction of Small-scale Flood works in Siyah Arkari Valley District Lower Chitral Scheme 2

GPS Coordinates N: 36.2001583 E: 71.6673444	Scheme Cost PKR 1,822,000 USD 11,561
Total Length of Scheme 13.7 meters	Present Status On Going (70% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022



Construction of Small-scale Flood works in Siyah Arkari Valley District Lower Chitral Scheme 3.

GPS Coordinates N: 36.1998333 E: 71.6677917	Scheme Cost PKR 1,822,000 USD 11,561
Total Length of Scheme 15.84 meters	Present Status On Going (70% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022



Construction of Small-scale Flood works in Siyah Arkari Valley District Lower Chitral Scheme 4.

GPS Coordinates N: 36.1997 E: 71.668725	Scheme Cost PKR 1,822,000 USD 11,561
Total Length of Scheme 15.84 meters	Present Status On Going (70% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 1st July, 2021	Scheme End Date 25th june, 2022

Community Based Disaster Risk Management Centre

(Responsible Partners : M/S Hadaf International)

● Arkari Center

GPS Coordinates N: 36.2 E: 71.6755556	Scheme Cost PKR 7,426,339 USD 45,983
Total Length of Scheme 334.45 meters	Present Status On Going (25% Completed)
Scheme Type Building	Land ownership status Mohammad Wali Shah
Scheme Start Date 25th August, 2021	Scheme End Date 31st October, 2022



34 DIRECT
BENEFICIARIES
(Male: 26 ; Female: 8)



During implementation of work



During implementation of work

4.04 Kumrat-District Upper Dir

Kumrat valley, located in the Dir-Kohistan region of KP is one of the most scenic yet least explored alpine valleys in Pakistan and is located approximately 3.5 hours from the main Bazar of Upper Dir. The valley can be accessed by an un-metalled road from Lower Dir district in the south, and a jeep-able trek between Thal, a town near Kumrat, and Swat's Utror and Kalam in the east. It offers lush green pastures, deodar forests, sparkling rivers and beautiful lakes. The main glaciers surrounding the valley are Shahzoor, Kundal payeen, Kundal bala, Gorshai, Khesheen Sir, Danoos.



**19,000
POPULATION**



**2,300
HOUSEHOLDS**

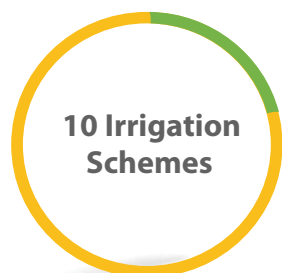


**8,930
MEN**



**10,070
WOMEN**

Infrastructure Progress



02 - Completed (20%)
08 - In Progress (80%)
00 - Not Started (0%)



00 - Completed (0%)
07 - In Progress (70%)
03 - Not Started (30%)



00 - Completed (0%)
00 - In Progress (0%)
31.4 - Not Started (100%)



00 - Completed (0%)
01 - In Progress (100%)
00 - Not Started (0%)

Irrigation Schemes

(Implementing Department Farm Water Management, KPK)

● Daranshai Kallan WC

GPS Coordinates	Scheme Cost
N: 35.507621 E: 72.245987	PKR 2,998,900 USD 1,801,465
Total Length of Scheme	Present Status
2520 meters	100% (Work Completed)
Scheme Type	Land ownership status
Plain Cement Concrete	Communal Land
Scheme Start Date	Scheme End Date
16th September, 2020	30th June 2021



150 DIRECT
BENEFICIARIES
(Male:80 ; Female:70)



28 HECTARES
BENEFITING AREA



Before implementation of work



● Gill Kanr Thall WC

GPS Coordinates N: 35.487213 E: 72.241641	Scheme Cost PKR 2,379,000 USD 14,394
Total Length of Scheme 3200 meters	Present Status 100% (Work Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Scheme Start Date 16th September, 2020	Scheme End Date 30th June 2021

 **300** DIRECT BENEFICIARIES
(Male:155 ; Female: 145)

 **81** HECTARES BENEFITING AREA



Before implementation of work



● Daranshai Hospatal WC

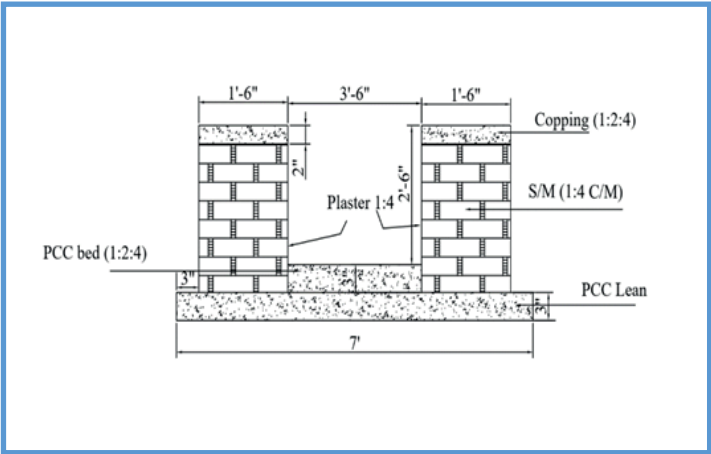
GPS Coordinates N: 35.501025 E: 72.243059	Scheme Cost PKR 1,410,000 USD 8,531
Total Length of Scheme 2800 m	Present Status On Going (40% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Scheme Start Date 16th September, 2021	Scheme End Date 30th August, 2022



525 DIRECT BENEFICIARIES
 (Male:255 ; Female:275F)



24 HECTARES BENEFITING AREA



Scheme Design



Before implementation of work

● Gill Kanr Thall WC

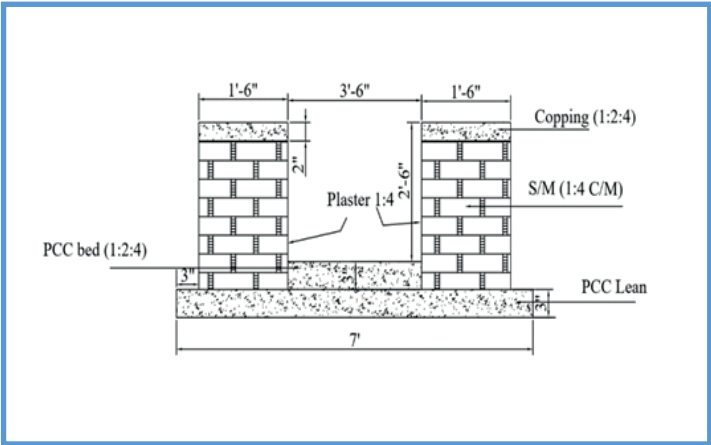
GPS Coordinates N: 35.808634 E: 72.062660	Scheme Cost PKR 2,379,000 USD 143,946
Total Length of Scheme 3200 m	Present Status On Going (40% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 16th September, 2020	Schemes End Date 30th August, 2022



100 DIRECT
BENEFICIARIES
(Male:58 ; Female:42)



30 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

● Kallan Khwar WC

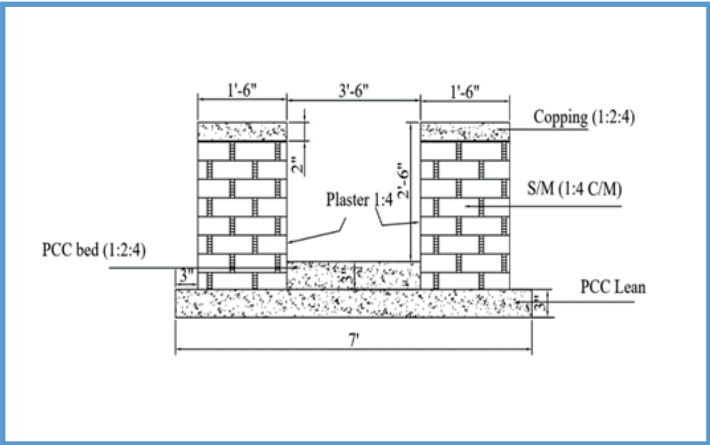
GPS Coordinates N: 35.487213 E: 72.241641	Scheme Cost PKR 1,015,000 USD 6,141
Total Length of Scheme 800 m	Present Status On Going (40% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st September, 2020	Schemes End Date 30th August, 2022



196 DIRECT BENEFICIARIES
(Male:100 ; Female: 96)



5 HECTARES BENEFITING AREA



Scheme Design



Before implementation of work

● Kallan Payeen WC

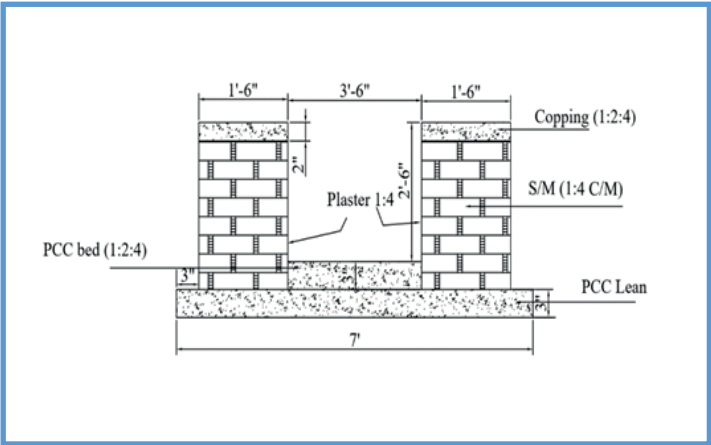
GPS Coordinates N: 35.496090 E: 72.241455	Scheme Cost PKR 1,412,000 USD 85,435
Total Length of Scheme 3374 m	Present Status On Going (40% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st September, 2020	Schemes End Date 30th August, 2022



110 DIRECT BENEFICIARIES
(Male:55 ; Female: 55)



22 HECTARES BENEFITING AREA



Scheme Design



Before implementation of work

● Kass Thall WC

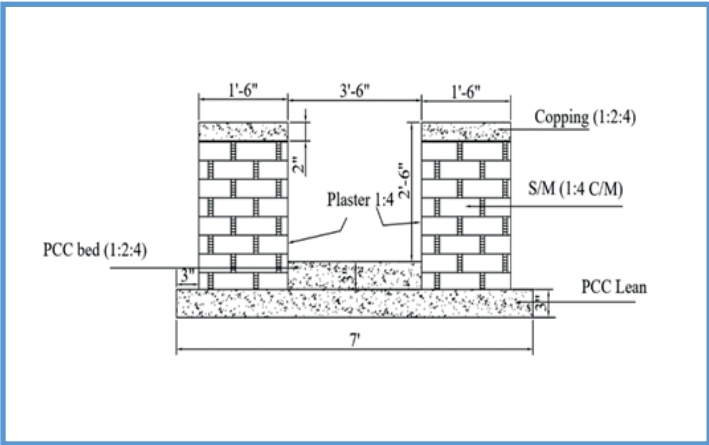
GPS Coordinates N: 35.476778 E: 72.244378	Scheme Cost PKR 2,186,000 USD132,268
Total Length of Scheme 3838m	Present Status On Going (30% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 16st September, 2020	Schemes End Date 30th August, 2022



590 DIRECT BENEFICIARIES
(Male: 260 ; Female: 230)



24 HECTARES BENEFITING AREA




Scheme Design



Before implementation of work

● **Maloo Luntour WC**

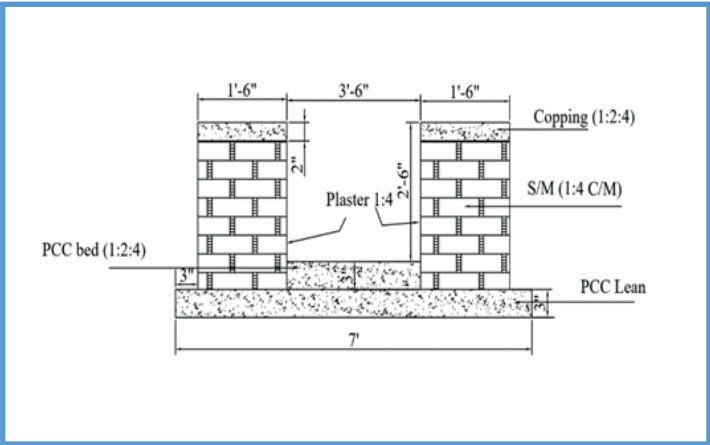
GPS Coordinates N: 35.506023 E: 72.245100	Scheme Cost PKR 1,882,000 USD 113,874
Total Length of Scheme 7486 m	Present Status On Going (30% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st September, 2020	Schemes End Date 30th August, 2022



160 DIRECT
BENEFICIARIES
(Male:78 ; Female: 82)



32 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

● Navay WC

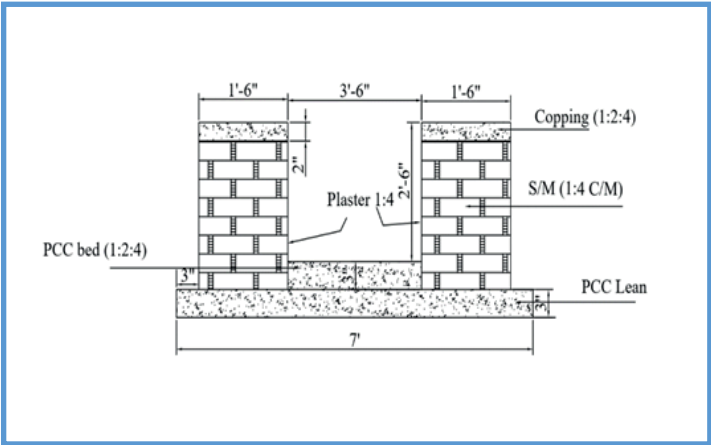
GPS Coordinates N: 35.496090 E: 72.241455	Scheme Cost PKR 1,539,000 9,040 USD
Total Length of Scheme 2200 m	Present Status On Going (25% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st September, 2020	Schemes End Date 30th August, 2022



420 DIRECT BENEFICIARIES
(Male:220 ; Female: 200)



16 HECTARES BENEFITING AREA



Scheme Design



Before implementation of work

● Saan WC

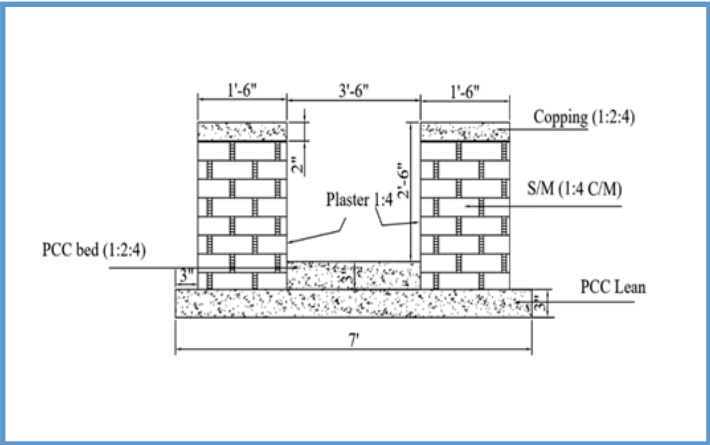
GPS Coordinates N: 35.496090 E: 72.241455	Scheme Cost PKR 1,846,000 USD 11,169
Total Length of Scheme 8228 m	Present Status On Going (25% Completed)
Scheme Type Plane Cement Concrete	Land ownership status Communal Land
Schemes Start Date 1st September, 2020	Schemes End Date 30th August, 2022



280 DIRECT
BENEFICIARIES
(Male:130 ; Female: 150)



24 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

Small Scale Infrastructures

(Implementing Department Irrigation Department)



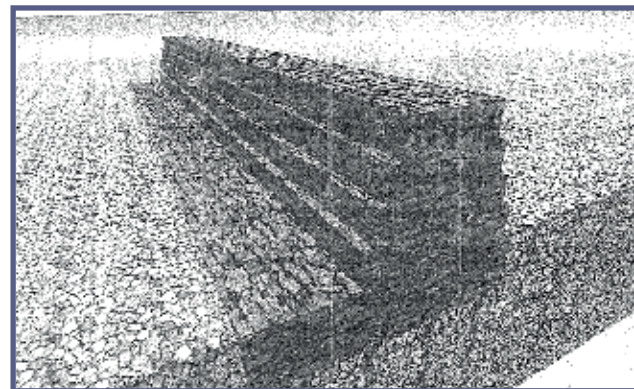
450 DIRECT
BENEFICIARIES
(Male: 240 ; Female: 210)



16 Hectares
BENEFITING AREA

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 1

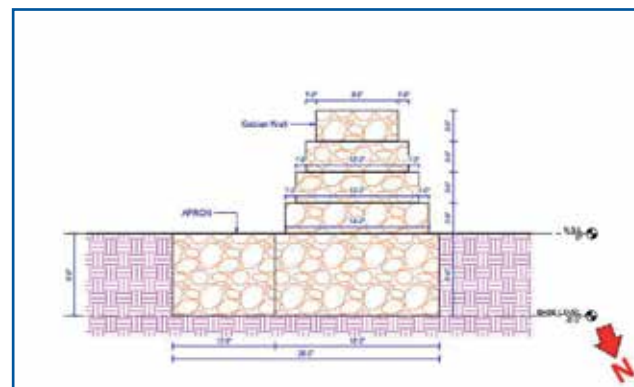
GPS Coordinates N: 35. 4780472 E: 72. 2454528	Scheme Cost PKR 21,450,000 USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Diversion wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1 st Novemeber, 2021	Schemes End Date 31 st July, 2022



Scheme Design

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 2

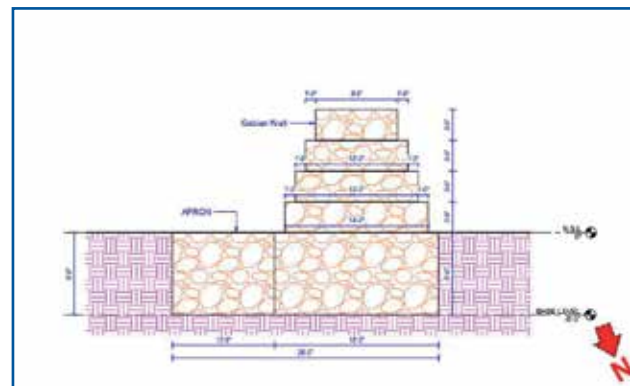
GPS Coordinates N: 35. 7985833 E: 72. 6876833	Scheme Cost PKR 1,450,000 Million USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1 st November, 2021	Schemes End Date 31 st August, 2022



Scheme Design

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 3

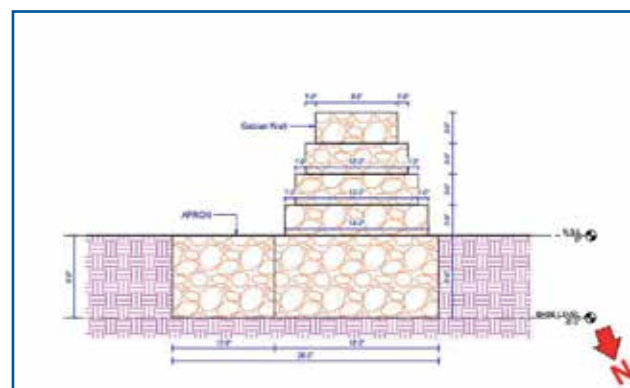
GPS Coordinates N: 35. 477875 E: 72. 2453528	Scheme Cost PKR 1,450,000 Million USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1st November, 2021	Schemes End Date 31st August, 2022



Scheme Design

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 4

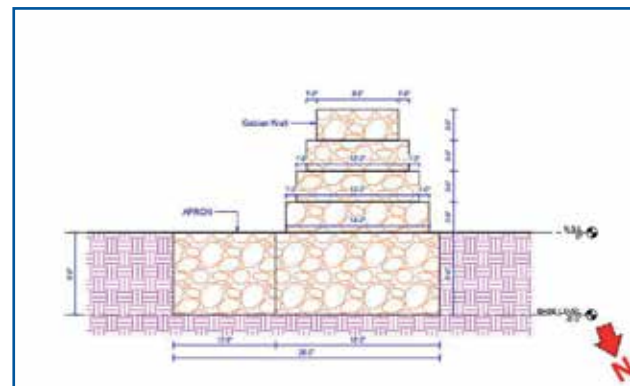
GPS Coordinates N: 35. 4777639 E: 72.24525	Scheme Cost PKR 1,450,000 Million USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1st November, 2021	Schemes End Date 31st August, 2022



Scheme Design

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 5

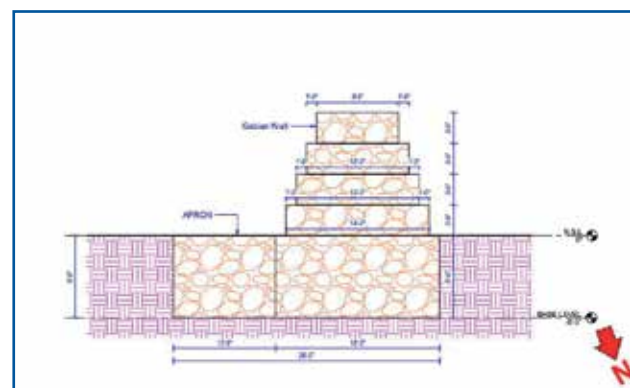
GPS Coordinates N: 35.4776583 E: 72.2451333	Scheme Cost PKR 1,450,000 Million USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1st November, 2021	Schemes End Date 31st August, 2022



Scheme Design

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 6

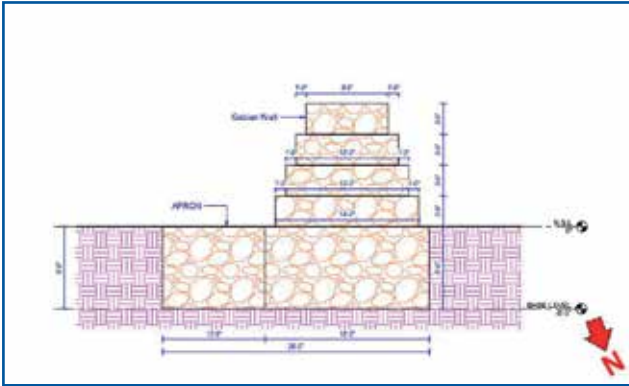
GPS Coordinates N: 35.4775528 E: 72.2450278	Scheme Cost PKR 1,450,000 Million USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1st November, 2021	Schemes End Date 31st August, 2022



Scheme Design

Construction of Small-scale Flood works in Thall Kumrat valley in District Dir Upper Scheme 7

GPS Coordinates N: 35.4774472 E: 72.2449194	Scheme Cost PKR 1,450,000 Million USD 8,444
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Schemes Start Date 1st November, 2021	Schemes End Date 31st August, 2022



Scheme Design

Community Based Disaster Risk Management Centre (Implementing Department M/S Hadaf International)

● Tall Kumrat Center

GPS Coordinates N: 35. 7725444 E: 72. 02900278	Scheme Cost PKR 6,902,035 USD 41,762
Total Length of Scheme 334.45 meters	Present Status On Going (20% Completed)
Scheme Type Building	Land ownership status District Administration
Schemes Start Date 15th August, 2021	Schemes End Date 30th September, 2022



36 DIRECT
BENEFICIARIES
(Male: 36 ; Female: 0)



During implementation of work



During implementation of work

4.05 Gabral Utror-District Swat

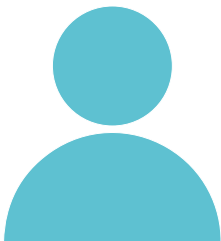
Gabral Utror is located in Swat, KP at the distance of about 16km from Kalam. It is surrounded by high mountains, green pastures and waterfalls. Utror can be accessed through a jeep from Kalam side while going through Gabral and passing Badgoi top. It can be also be accessed through Kumrat valley, Dir Upper. The people of Utror are called Kohistanis, as they belong to the Kohistani Dard tribe. Potato, turnip maize, cabbage, salad leaves are major crops of the areas.. The mains Gabral and Utror Rivers are the main source of irrigation in the area. The valley is surrounded by a number of glaciers; Kundol, Speen Khwor and Izmis to name a few.



38,355
POPULATION



3,214
HOUSEHOLDS



21,095
MEN



17,260
WOMEN

Infrastructure Progress



- 06 - Completed (60%)
- 01 - In Progress (10%)
- 03 - Not Started (30%)



- 00 - Completed (0%)
- 06 - In Progress (60%)
- 04 - Not Started (40%)



- 00 - Completed 0%
- 00 - In Progress (0%)
- 60 - Not Started (100%)



- 00 - Completed (0%)
- 00 - In Progress (0%)
- 01 - Not Started (100%)

Irrigation Schemes

(Implementing Department On Farm Water Management, KPK)

● Gal Irrigation Scheme 1

GPS Coordinates N: 35.48162 E: 72.452020	Scheme Cost PKR 2129171 USD 12,790
Total Length of Scheme 1463.04 m	Present Status 100% (Work Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Schemes Start Date 17th September, 2020	Schemes End Date 30th June 2021



315 DIRECT
BENEFICIARIES
(Male:150 ; Female:165)



20 HECTARES
BENEFITING AREA



Before implementation of work



Before implementation of work

● Jiskan Irrigation Scheme 1

GPS Coordinates N: 35.498570 E: 72.485690	Scheme Cost PKR 2,129,111 USD 1,278
Total Length of Scheme 3718.56 m	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Schemes Start Date 17 th September, 2020	Schemes End Date 30 th June 2021



175 DIRECT
BENEFICIARIES
(Male: 85 ; Female: 90)



10 HECTARES
BENEFITING AREA



Before implementation of work



Before implementation of work

● Gal Irrigation Scheme 2

GPS Coordinates N: 35.48162 E: 72.452020	Scheme Cost PKR 2129171 USD 12,790
Total Length of Scheme 1463.04 m	Present Status 100% (Work Completed)
Scheme Type High Density Poly Ethylene	Land ownership status Communal Land
Schemes Start Date 17th September, 2020	Schemes End Date 30th June 2021



315 DIRECT
BENEFICIARIES
(Male:150 ; Female:165)



20 HECTARES
BENEFITING AREA




Before implementation of work



Before implementation of work

● Jiskan Irrigation Scheme 2

<div>GPS Coordinates</div> <div>N: 35.4989 E 72.4854</div>	<div>Scheme Cost</div> <div>PKR 2,129,111 USD 1,278</div>
<div>Total Length of Scheme</div> <div>3718.56 m</div>	<div>Present Status</div> <div>100% (Work Completed)</div>
<div>Scheme Type</div> <div>Water Storage Tank</div>	<div>Land ownership status</div> <div>Communal Land</div>
<div>Schemes Start Date</div> <div>2nd November, 2021</div>	<div>Schemes End Date</div> <div>31st October, 2022</div>



260

DIRECT BENEFICIARIES

(Male: 140 ; Female: 120)



40

HECTARES BENEFITING AREA



Before implementation of work



Before implementation of work

● Roshan Abad Irrigation Scheme

GPS Coordinates N: 35.522140 E: 72.412450	Scheme Cost PKR 2,128,864 USD 12,788
Total Length of Scheme 427 m	Present Status 100% (Work Completed)
Scheme Type Plain Cement Concrete	Land ownership status Communal Land
Scheme Start Date 17 th September, 2020	Scheme End Date 30 st December, 2021



490 DIRECT
BENEFICIARIES
(Male:250 ; Female:240F)



24 HECTARES
BENEFITING AREA



● Samar Bagh Irrigation Scheme

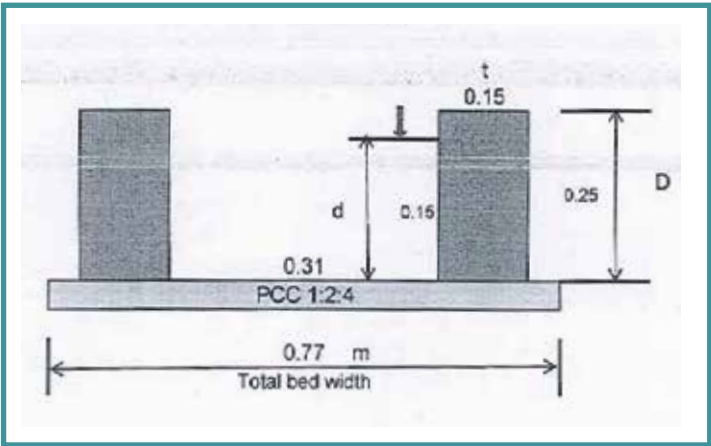
<div>GPS Coordinates</div> <div> <div>N: 35..481720</div> <div>E: 72.452030</div> </div>	<div>Scheme Cost</div> <div> <div>PKR 1,636,139</div> <div>USD 9,297</div> </div>
<div>Total Length of Scheme</div> <div>305 m</div>	<div>Present Status</div> <div>On Going (20% Completed)</div>
<div>Scheme Type</div> <div>Plain Cement Concrete</div>	<div>Land ownership status</div> <div>Communal Land</div>
<div>Scheme Start Date</div> <div>22nd December, 2021</div>	<div>Scheme End Date</div> <div>31st October, 2022</div>



320 DIRECT BENEFICIARIES
 (Male:155 ; Female:165)



20 HECTARES BENEFITING AREA



Before implementation of work



After Implementation of work

● Cherat Lakhtay Irrigation Scheme

GPS Coordinates N: 35.487213 E: 72.241641	Scheme Cost PKR/ 2,129,111 USD 12,789
Total Length of Scheme 475 m	Present Status 100% (Work Completed)
Scheme Type Plain Cement Concrete	Land ownership status Land Lord
Scheme Start Date 17 th September, 2020	Scheme End Date 30 st December, 2021



350 DIRECT
BENEFICIARIES
(Male:192 ; Female: 158)



18 HECTARES
BENEFITING AREA



Small Scale Infrastructures

(Implementing Department Irrigation Department)



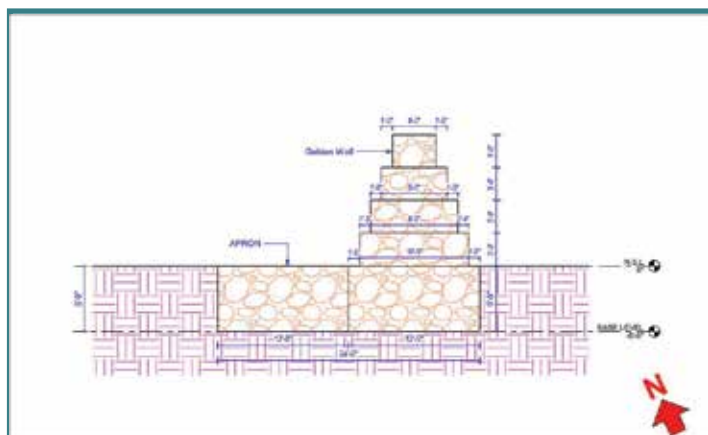
230 DIRECT
BENEFICIARIES
(Male: 130 ; Female: 100)



10 Hectares
BENEFITING AREA

Construction of Small-scale Flood works in Karan Kot Gabral District Swat Scheme 1

GPS Coordinates N: 35. 5780444 E: 72. 4243472	Scheme Cost PKR 16,200,000 USD 10,031
Total Length of Scheme 15.24 meters	Present Status On Going (20% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19th August, 2021	Scheme End Date 19th August, 2021



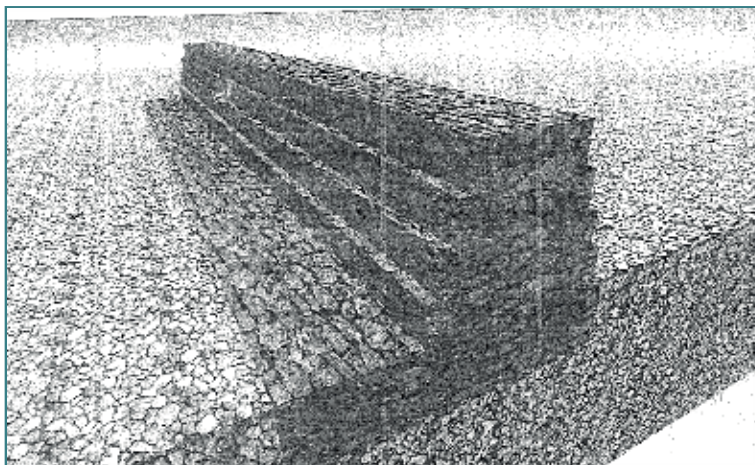
Scheme Design



Before implementation of work

● Construction of Small-scale Flood works in Karan Kot Gabral District Swat Scheme 2.

GPS Coordinates N: 35.5778528 E: 72.4242361	Scheme Cost PKR 16,200,000 USD 10,031
Total Length of Scheme 15.24 meters	Present Status On Going (20% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19th August, 2021	Scheme End Date 19th August, 2021



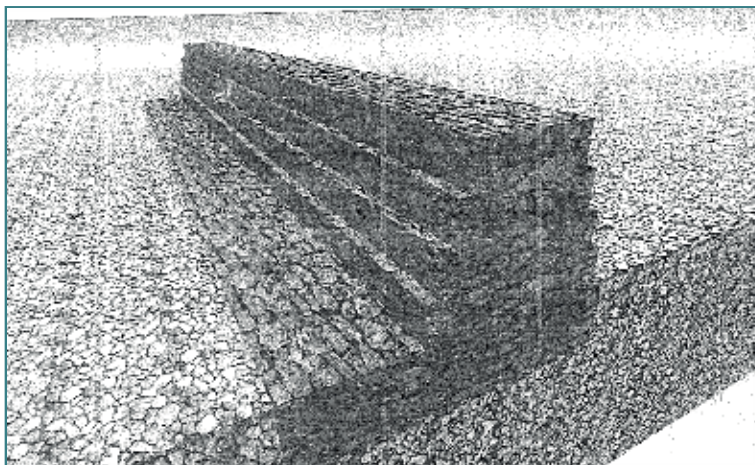
Scheme Design



Before implementation of work

● Construction of Small-scale Flood works in Karan Kot Gabral District Swat Scheme 3.

GPS Coordinates N: 35.5777528 E: 72.4241417	Scheme Cost PKR 16,200,000 USD 10,031
Total Length of Scheme 15.24 meters	Present Status On Going (20% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19th August, 2021	Scheme End Date 19th August, 2021



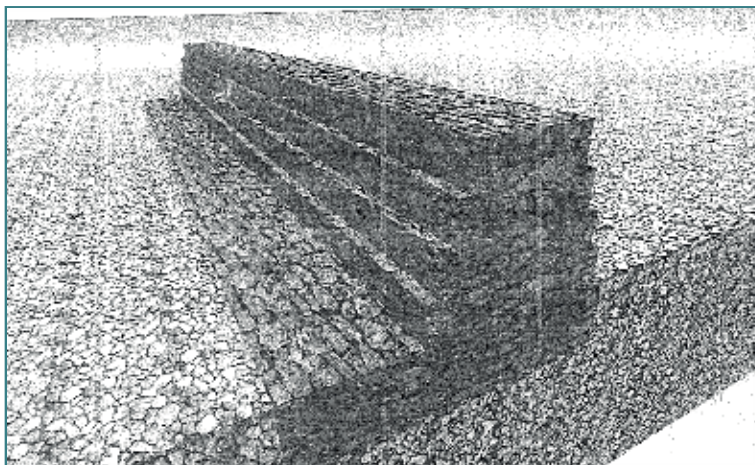
Scheme Design



Before implementation of work

● Construction of Small-scale Flood works in Karan Kot Gabral District Swat Scheme 4.

GPS Coordinates N: 35.5776278 E: 72.42405	Scheme Cost PKR 16,200,000 USD 10,031
Total Length of Scheme 15.24 meters	Present Status On Going (20% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19th August, 2021	Scheme End Date 19th August, 2021



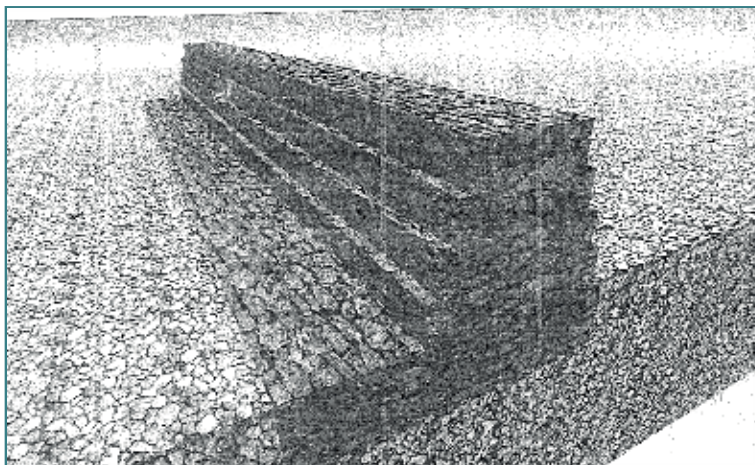
Scheme Design



Before implementation of work

● Construction of Small-scale Flood works in Karan Kot Gabral District Swat Scheme 5.

GPS Coordinates N: 35.5775139 E: 72.4239667	Scheme Cost PKR 16,200,000 USD 10,031
Total Length of Scheme 15.24 meters	Present Status On Going (20% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19th August, 2021	Scheme End Date 19th August, 2021



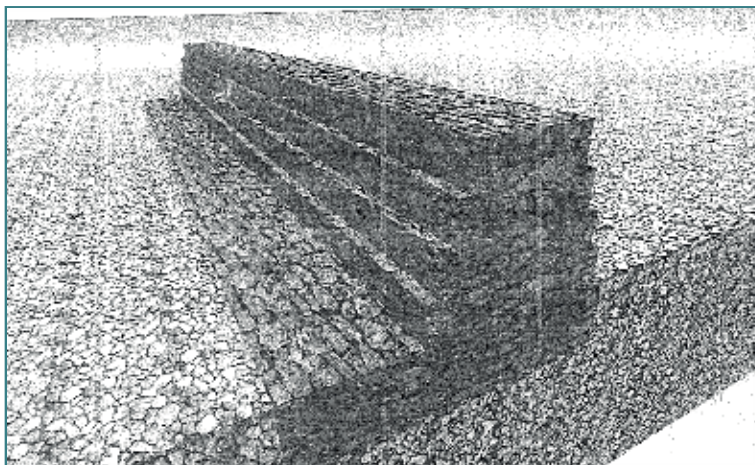
Scheme Design



Before implementation of work

● Construction of Small-scale Flood works in Karan Kot Gabral District Swat Scheme 6.

GPS Coordinates N: 35.5774 E: 72.4238667	Scheme Cost PKR 16,200,000 USD 10,031
Total Length of Scheme 15.24 meters	Present Status On Going (20% Completed)
Scheme Type Flood Protection Wall	Land ownership status All Goles and Natural Nullahs, stream are the Govt: property.
Scheme Start Date 19th August, 2021	Scheme End Date 19th August, 2021



Scheme Design



Before implementation of work

Slope Stabilization through Bio-Engineering (Implementing Department Forest & Wild Life)

● Slope Stabilization Through Bio-Engineering Techniques

GPS Coordinates N: 35.531078 E: 72.418926	Scheme Cost PKR 420,000 USD 2,387
Benefitting Area 60 Hectares	Present Status Completed 240,000 Plants Planted at Gabral Bela
Scheme Type Vegetation	Land ownership status Communal Land
Scheme Start Date 31st October, 2021	Scheme End Date 31st December, 2021



148 DIRECT
BENEFICIARIES
(Male:148 ; Female: 00)



Community Based Disaster Risk Management Centre (Implementing Department M/S Hadaf International)

● Utror-Gabral Center

GPS Coordinates N: 35. 5313278 E: 72. 4132722	Scheme Cost PKR 7,126,135 USD 41,859
Total Length of Scheme 334.45 meters	Present Status On Going (5% Completed)
Scheme Type Building	Land ownership status District Administration
Scheme Start Date 8th October, 2021	Scheme End Date 31st December, 2022



3500 DIRECT
BENEFICIARIES
(Male:1700 ; Female:1800)



During implementation of work

4.06 Matiltan-District Swat

Matiltan valley is about 11 km away from Kalam and 112 km from Saidu Sharif Swat. It has large glaciers, thick forests and high mountain peaks. Mostly people are associated with agriculture in summer season but they travel to lower parts of the country during winter as temperature drops up to 12oC. Potato, maize, cabbage, peas and beans are major production in the area which grows only in summer season. While apple, apricot, walnut, pear are major fruits grown in the area. The valley is very vulnerable to the surrounding glaciers and lakes. Matiltan glacier is the main glacier of the valley.



17,532
POPULATION



3,200
HOUSEHOLDS

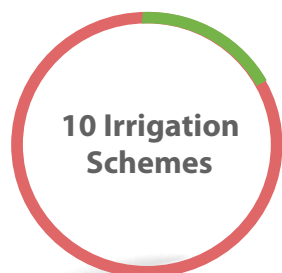


9,639
MEN

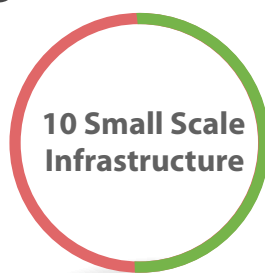


7,893
WOMEN

Infrastructure Progress



01 - Completed (10%)
00 - In Progress (0%)
09 - Not Started (90%)



05 - Completed (50%)
00 - In Progress (0%)
05 - Not Started (50%)



00 - Completed (0%)
00 - In Progress (0%)
31.4 - Not Started (100%)



00 - Completed (0%)
00 - In Progress (0%)
01 - Not Started (100%)

Irrigation Schemes

(Implementing Department Farm Water Management)

● Jabbot Irrigation Scheme

GPS Coordinates N: 35.534170 E: 72.690040	Scheme Cost 2,127,174 PKR 12,778 USD
Total Length of Scheme 389 m PCC + Reinforce Cement Concrete Pipe 34.7 m	Present Status 100% (Work Completed)
Scheme Type Plain Cement Concrete + Reinforce Cement Concrete PIPE	Land ownership status land lord
Schemes Start Date 17th September, 2020	Schemes End Date Completed



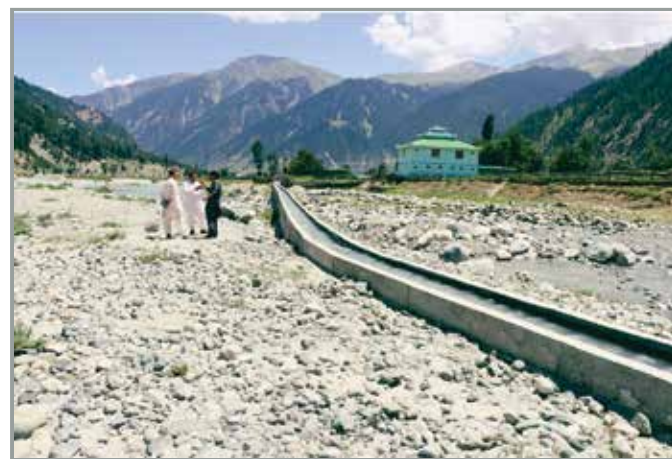
455 DIRECT
BENEFICIARIES
(Male:225 ; Female:230)



22 HECTARES
BENEFITING AREA



Before implementation of work



After implementation of work

Small Scale Infrastructures

(Implementing Department Irrigation Department)



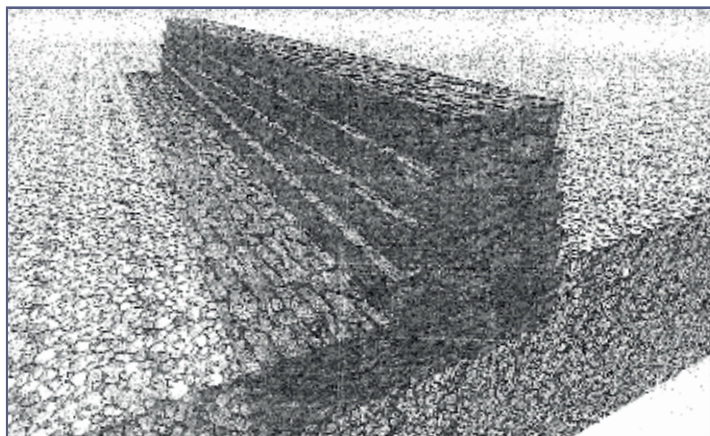
1600 DIRECT
BENEFICIARIES
(Male: 850 ; Female: 750)



45 Hectares
BENEFITING AREA

Construction of Small-scale Flood works in Chorat Matiltan District Swat Scheme 1

GPS Coordinates N: 35.5371111 E: 72.6877389	Scheme Cost PKR 2,162,000 USD 13,387
Total Length of Scheme 15.24 meters	Present Status (100% Completed)
Scheme Type Flood Protection Structure	Land ownership status Communal Land
Schemes Start Date 19th August, 2021	Schemes End Date 19th August, 2022



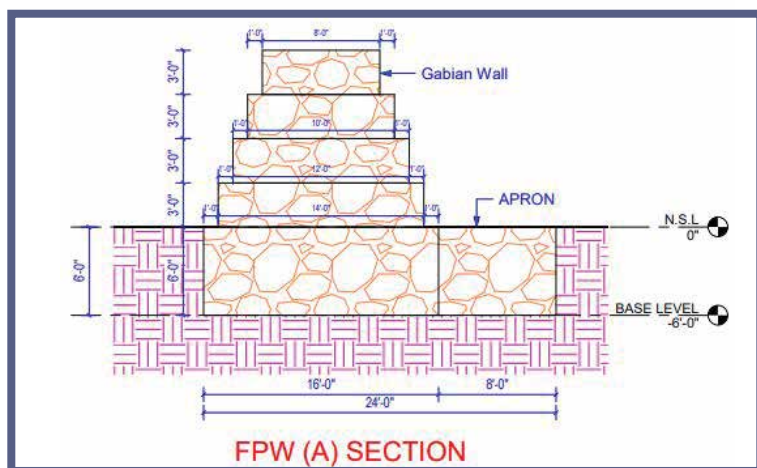
Scheme Design



Before implementation of work

● Construction of Small-scale Flood works in Chorat Matiltan District Swat Scheme 2

GPS Coordinates N: 35. 5369778 E: 72. 6876833	Scheme Cost PKR 2,162,000 13,387 USD
Total Length of Scheme 18.288 meters	Present Status (100% Completed)
Scheme Type Flood Protection Structure	Land ownership status Communal Land
Schemes Start Date 19th August, 2021	Schemes End Date 19th August, 2022



Scheme Design



Before implementation of work

- ### Construction of Small-scale Flood works in Chorat Matiltan District Swat Scheme 3

GPS Coordinates N: 35.5367917 E: 72.6876139	Scheme Cost PKR 2,162,000 13,387 USD
Total Length of Scheme 18.288 meters	Present Status (100% Completed)
Scheme Type Flood Protection Structure	Land ownership status Communal Land
Schemes Start Date 19th August, 2021	Schemes End Date 19th August, 2022



800 DIRECT BENEFICIARIES
(Male:410 ; Female:390)

- ### Construction of Small-scale Flood works in Chorat Matiltan District Swat Scheme 4


GPS Coordinates N: 35.5366083 E: 72.6877722	Scheme Cost PKR 2,162,000 13,387 USD
Total Length of Scheme 15.24 meters	Present Status On Going (90% Completed)
Scheme Type Flood Protection Structure	Land ownership status Communal Land
Schemes Start Date 19th August, 2021	Schemes End Date 19th August, 2022



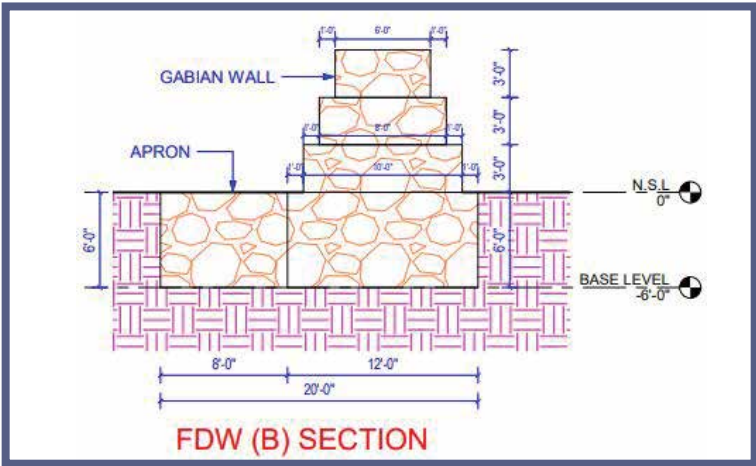
800 DIRECT BENEFICIARIES
(Male:460 ; Female:340)

Construction of Small-scale Flood works in Chorat Matiltan District Swat Scheme 5

GPS Coordinates N: 35. 5364667 E: 72. 6877306	Scheme Cost PKR 2,162,000 13,387 USD
Total Length of Scheme 15.24 meters	Present Status (100% Completed)
Scheme Type Flood Protection Structure	Land ownership status Communal Land
Schemes Start Date 19th August, 2021	Schemes End Date 19th August, 2022



800 DIRECT BENEFICIARIES
 (Male:385 ; Female:415)



Scheme Design



Before implementation of work

Community Based Disaster Risk Management Centre (Implementing Department M/S Hadaf International)

- Construction of Small-scale Flood works in Chorat Matiltan District Swat Scheme 1

GPS Coordinates N: 35. 5413278 E: 72. 6622556	Scheme Cost PKR 7126135 USD 41,858.6
Total Length of Scheme 15.24 meters	Present Status On Going (5% Completed)
Scheme Type Flood Protection Structure	Land ownership status Shah Jehan
Schemes Start Date 7th October, 2021	Schemes End Date 19th August, 2022



25 DIRECT
BENEFICIARIES
(Male: 25 ; Female: 0)



Before implementation of work



Before implementation of work

4.07 Mankiyal-District Swat

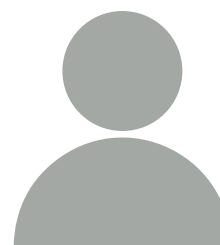
Mankiyal Valley is situated in north of Swat, KP with a distance of approximately 100 km from the district's center point. The valley is famous for its high peaks and mesmerizing views. Mount Mankiyal is the highest peak in the valley with an altitude of 18,750 feet above sea level. The valley is abundant in natural resources which are largely left untapped. The valley is home to a number of glaciers, forests and mesmerizing glacial streams. Mankiyal glacier is the main glacier of the area.



**18,775
POPULATION**



**2,209
HOUSEHOLDS**

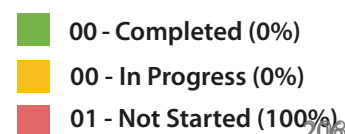
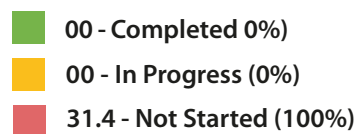
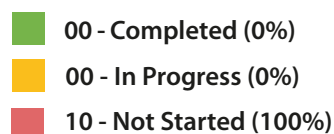
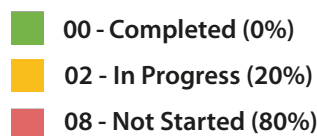
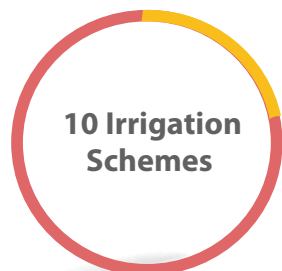


**9,763
MEN**



**9,012
WOMEN**

Infrastructure Progress



Irrigation Schemes

(Implementing Department Water Management Directorate)

● Aziz Ullah Mankial Irrigation Scheme

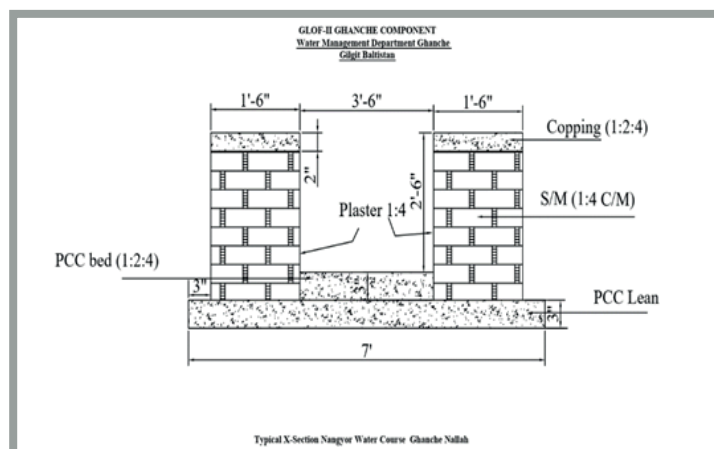
GPS Coordinates	Scheme Cost
N: 35.2330 E: 72.6388	1,331,094 PKR 7,751 USD
Total Length of Scheme	Present Status
5000 feet 1524 m	On Going (80 % work Completed)
Scheme Type	Land ownership status
High Density Poly Ethylene Pipe Lining	Existing channel is Rehabilitation channel land status not applicable
Scheme Start Date	Scheme End Date
11th February, 2021	30th September, 2022



245 DIRECT
BENEFICIARIES
(Male:215 ; Female:230)



16 HECTARES
BENEFITING AREA




Scheme Design



Before implementation of work

● Muhammad Ayub Mankial Irrigation Scheme

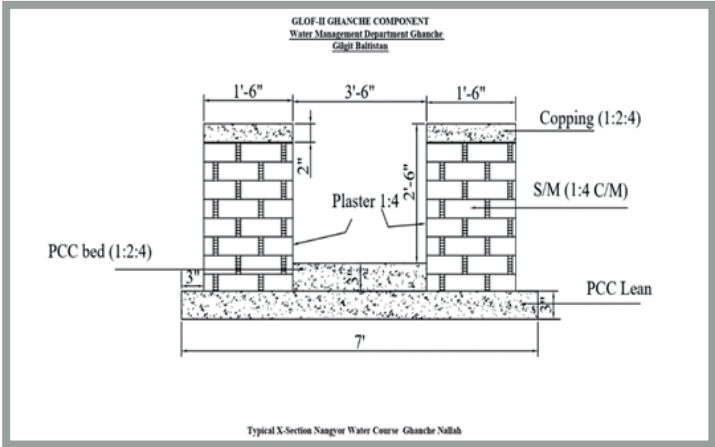
GPS Coordinates N: 35.2330 E: 72.6388	Scheme Cost 1,357,343 PKR 7,713 USD
Total Length of Scheme 5000 feet 1524 m	Present Status On Going (50 % work Completed)
Scheme Type High Density Poly Ethylene Pipe Lining	Land ownership status Existing channel is Rehabilitation channel land status not applicable
Scheme Start Date 11th February, 2021	Scheme End Date 30th September, 2022



260 DIRECT
BENEFICIARIES
(Male:135 ; Female:125)



8 HECTARES
BENEFITING AREA



Scheme Design



Before implementation of work

4.08 Kandiya-District Kohistan

Kandiya Valley 380 kilometers up north from the country's capital; lies the less travelled Kandia valley in the District of Upper Kohistan. It's one of the last destinations in the province of Khyber Pakhtunkhwa, following which the Karakoram Highway leads its path to the Gilgit-Baltistan province. Kohistani and Pashto are widely spoken in the area whereas some hamlets also have the traces of Shina language as well. This disaster-prone valley is full of picturesque landscapes and untraveled high pastures with a huge potential for tourism but due lack of facilities and the awareness, the valley is yet to be tested to its full potential. The valley is surrounded by Ghatti Glacier, Zarar Dara 1 and Zarar Dara 2.



83,842
POPULATION



10,889
HOUSEHOLDS

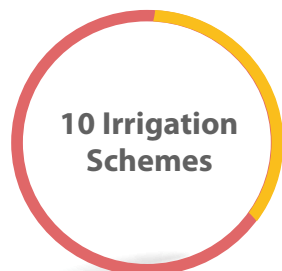


45,597
MEN

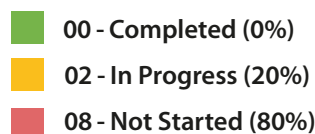


38,245
WOMEN

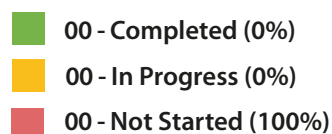
Infrastructure Progress



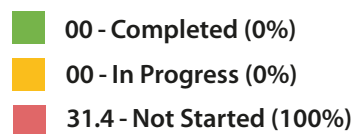
**10 Irrigation
Schemes**



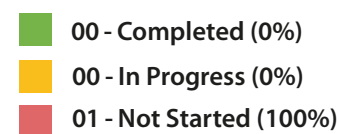
**10 Small Scale
Infrastructure**



**31.4 Ha Slope
Stabilization**



**01 CBDRM
Center**



Irrigation Schemes

(Implementing Department Water Management Directorate)

● Hamza khan water channel 1

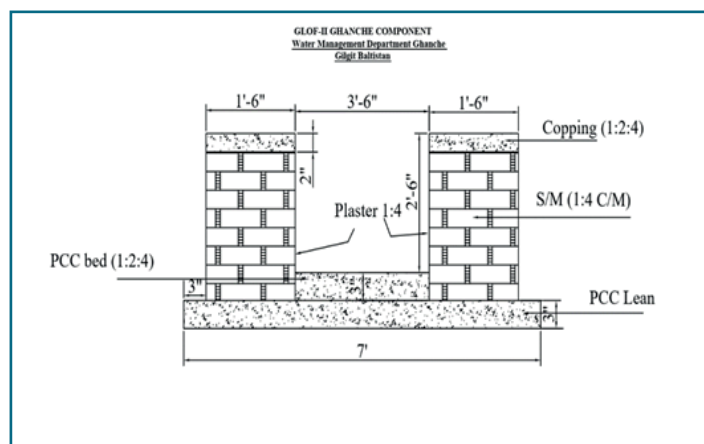
GPS Coordinates		Scheme Cost	
N: 35.2330 E: 72.6388		PKR 1,500,000 USD 8,734	
Total Length of Scheme		Present Status	
457.2 m		On Going (30% work completed)	
Scheme Type		Land ownership status	
Plain Cement Concrete Lining / Diversion		Existing channel is Rehabilitation channel land status not applicable	
Schemes Start Date		Schemes End Date	
2 nd November 2021		31 st September 2022	



56 DIRECT
BENEFICIARIES
(Male:118 ; Female:113)



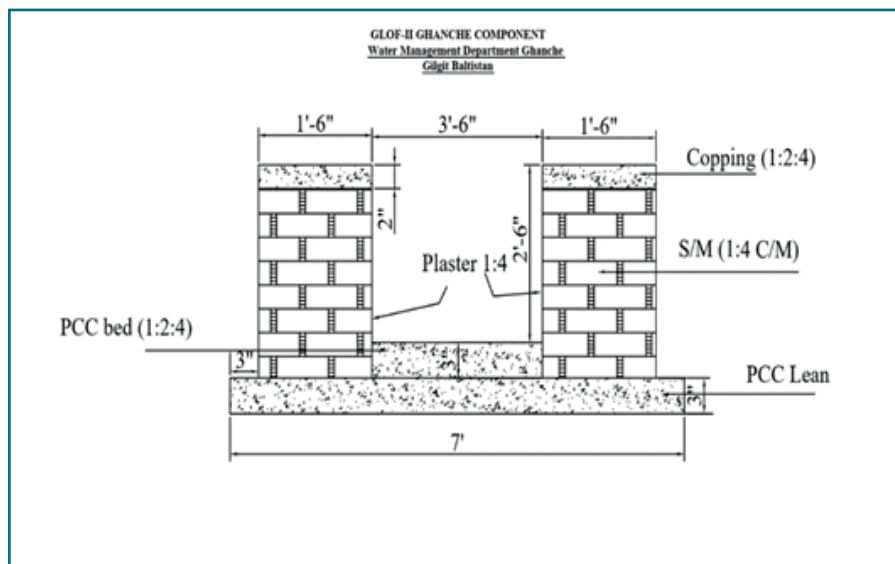
75 HECTARES
BENEFITTED AREA



Scheme Design

- **Hamza khan Water Channel 2**

GPS Coordinates		Scheme Cost	
N: 35.673724 E:72.961926		PKR 1,600,000 USD 9316	
Total Length of Scheme 1500 feet 457.2 m		Present Status On Going (30% completed)	
Scheme Type Plain Cement Concrete Lining / Diversion		Land ownership status Existing channel is Rehabilitation channel land status not applicable	
Schemes Start Date 2nd November 2021		Schemes End Date 31st September 2022	



Scheme Design



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Scaling-up of Glacial Lake Outburst Flood Risk Reduction in Northern Pakistan (**GLOF-II PROJECT**)

A Project by
***Ministry of Climate Change and
UNDP Pakistan***
with support from Green Climate Fund



**GREEN
CLIMATE
FUND**



**GLOF II
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SCALING-UP OF GLACIAL
LAKE OUTBURST FLOOD
RISK REDUCTION IN
NORTHERN PAKISTAN



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@ClimateChangePK
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