

GOVERNMENT OF PAKISTAN MINISTRY OF WATER AND POWER PROJECT MANAGEMENT & POLICY IMPLEMENTATION UNIT (PMPIU)

Water Sector Capacity Building and Advisory Services Project (WCAP)

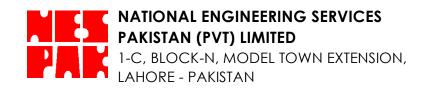
Development of National Flood Protection Plan-IV (NFPP-IV) and Related Studies to Enhance the Capacity of Federal Flood Commission-FFC

LANDUSE AND DISTRICT LEVEL SUBMERGENCE PLANS

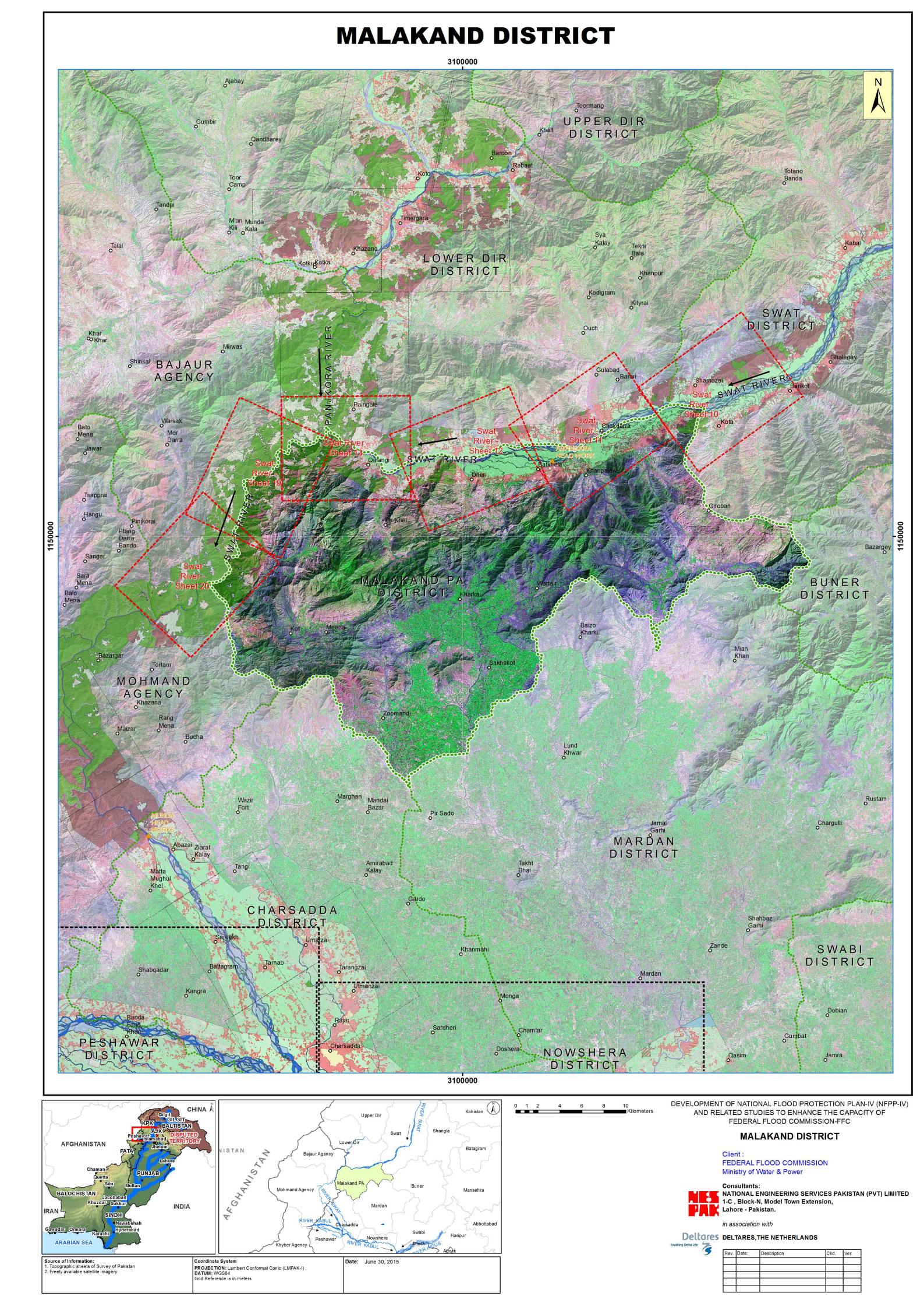
DISTRICT MALAKAND

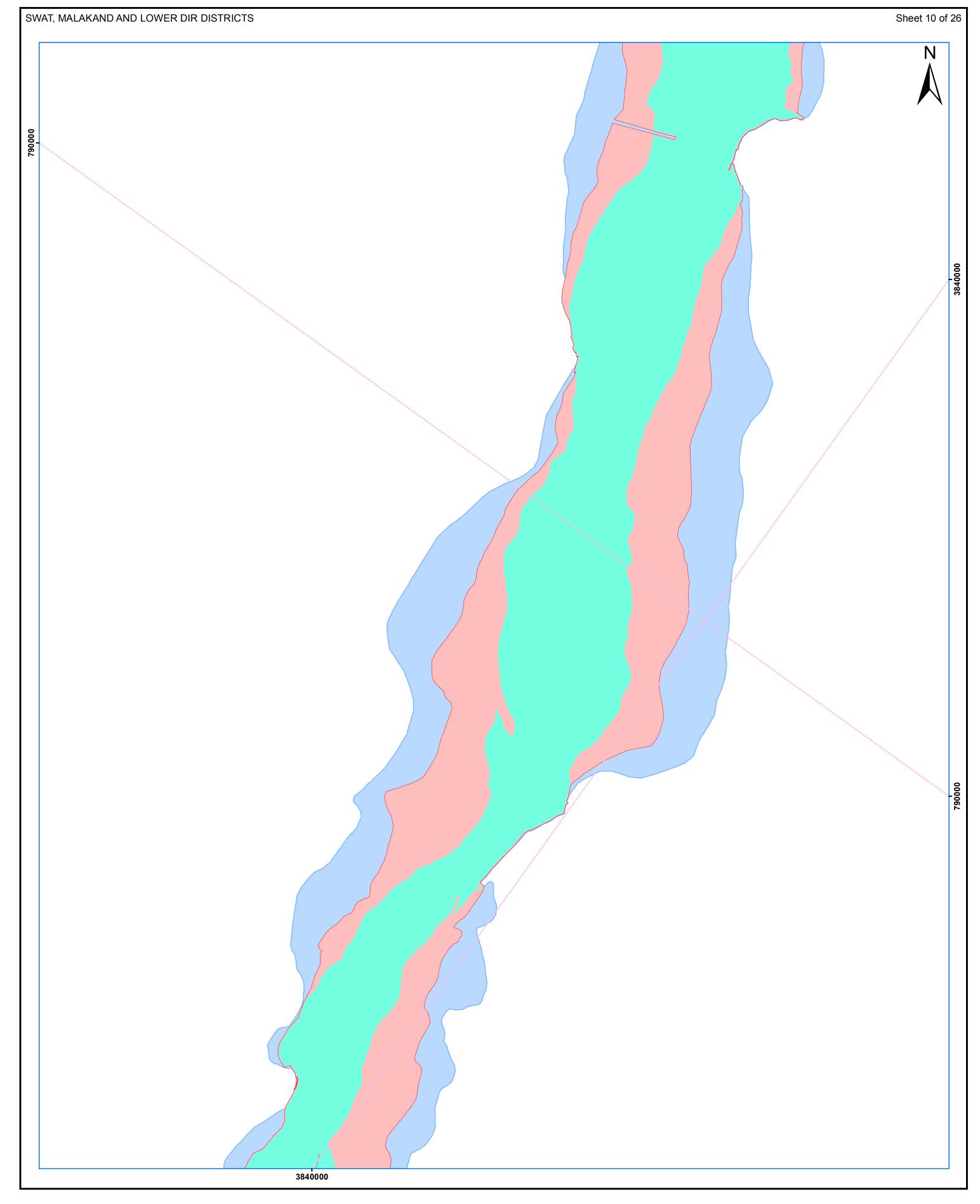
KHYBER PAKHTUNKHWA PROVINCE

JUNE 2015

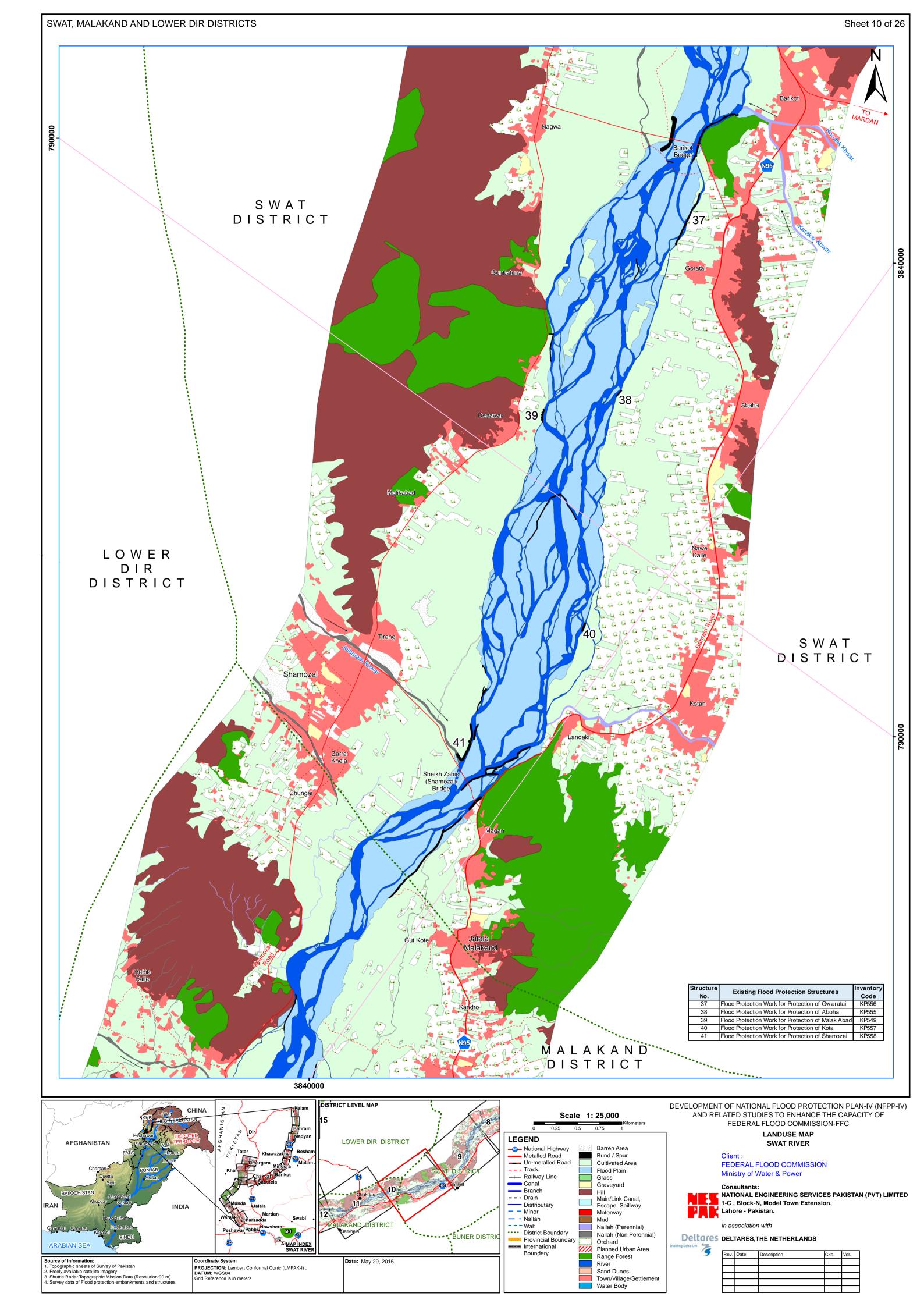


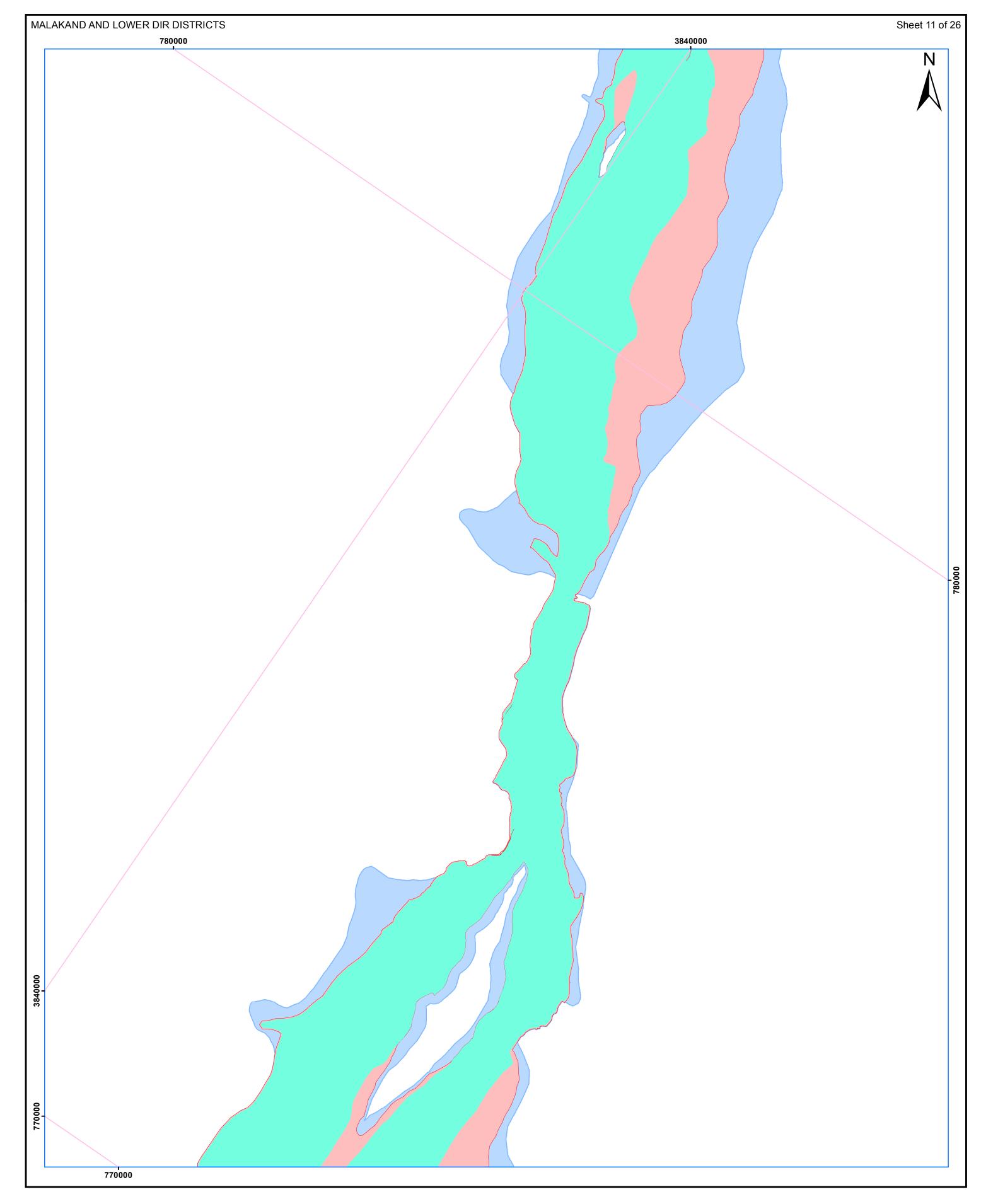


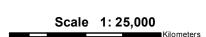


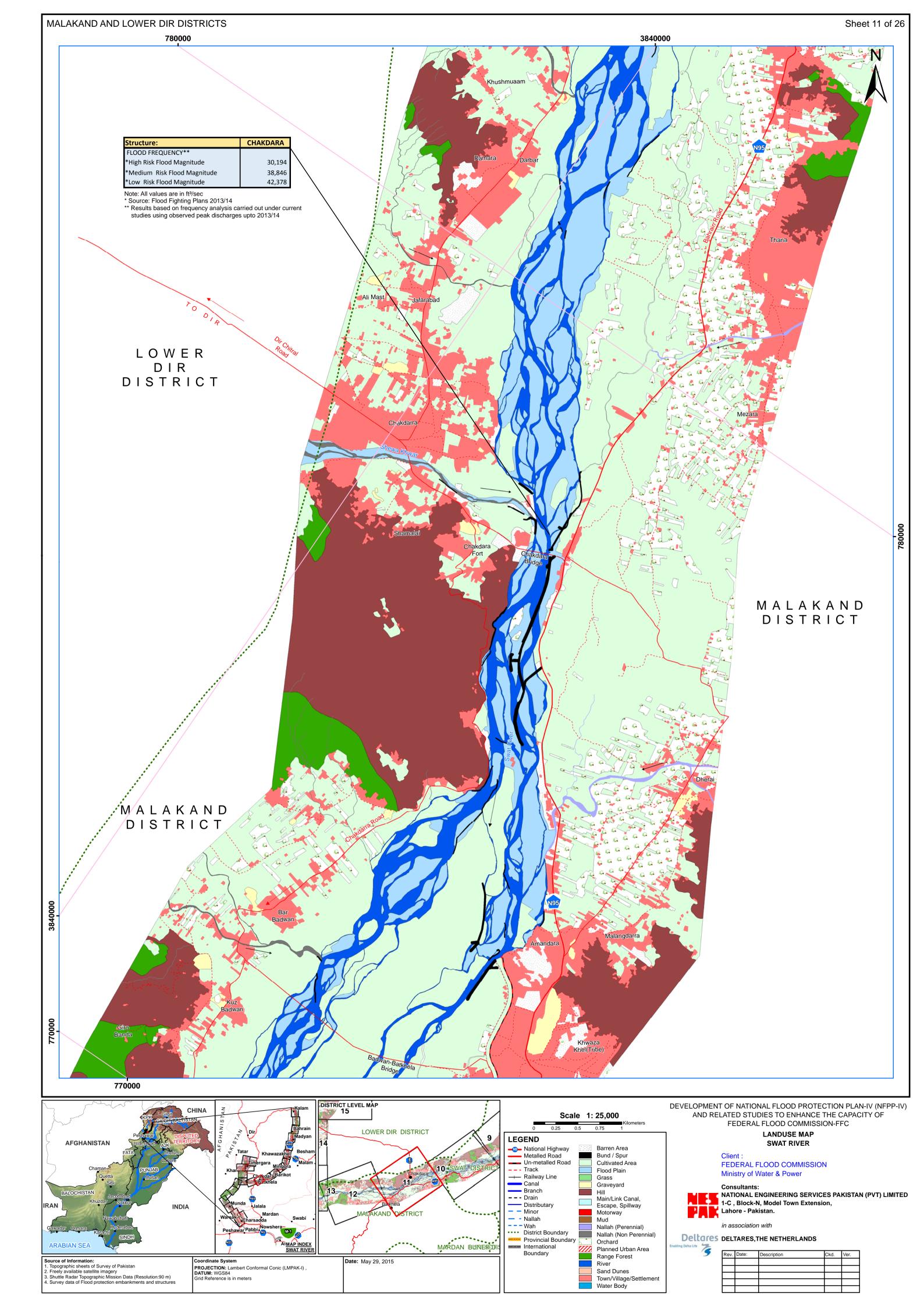


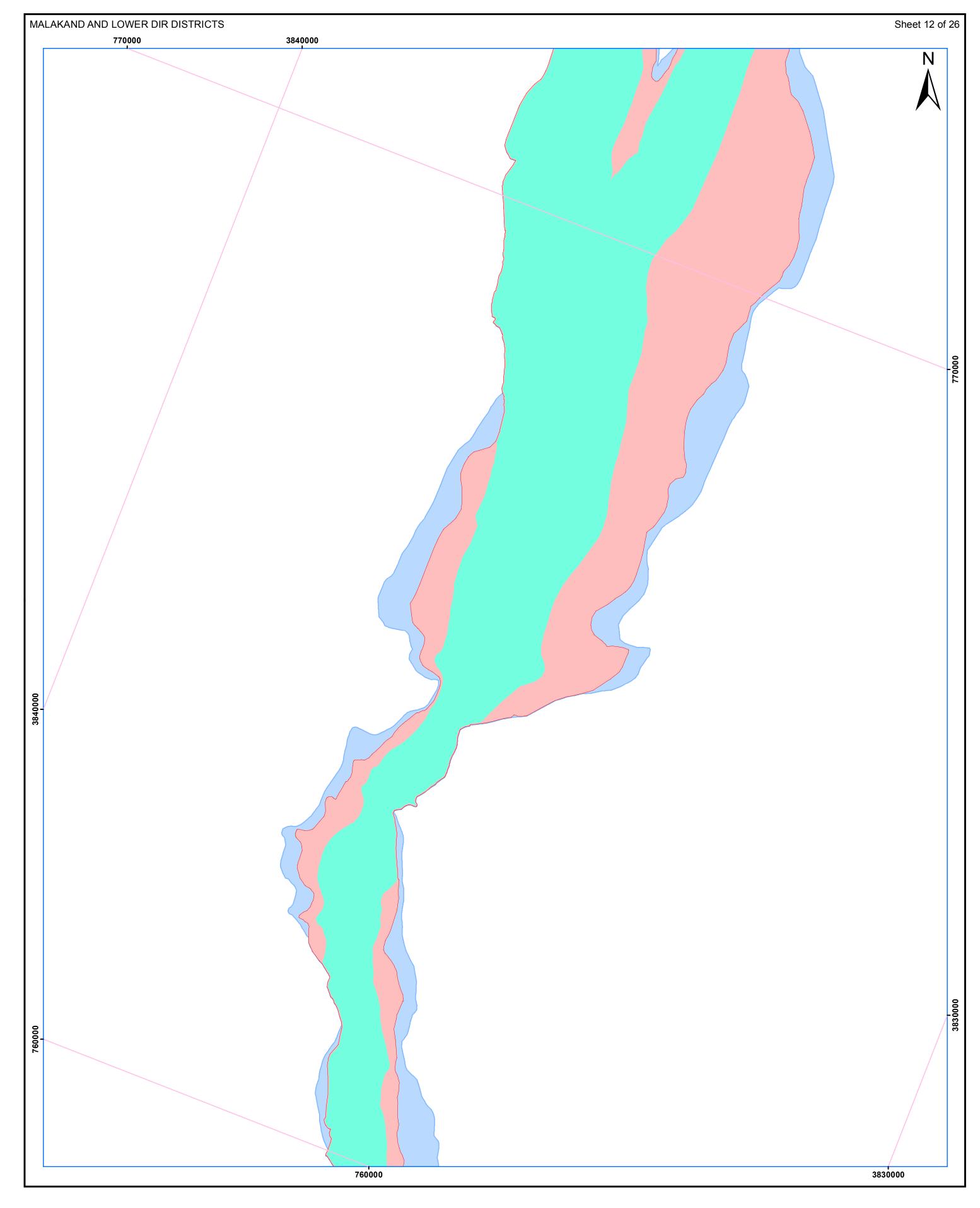




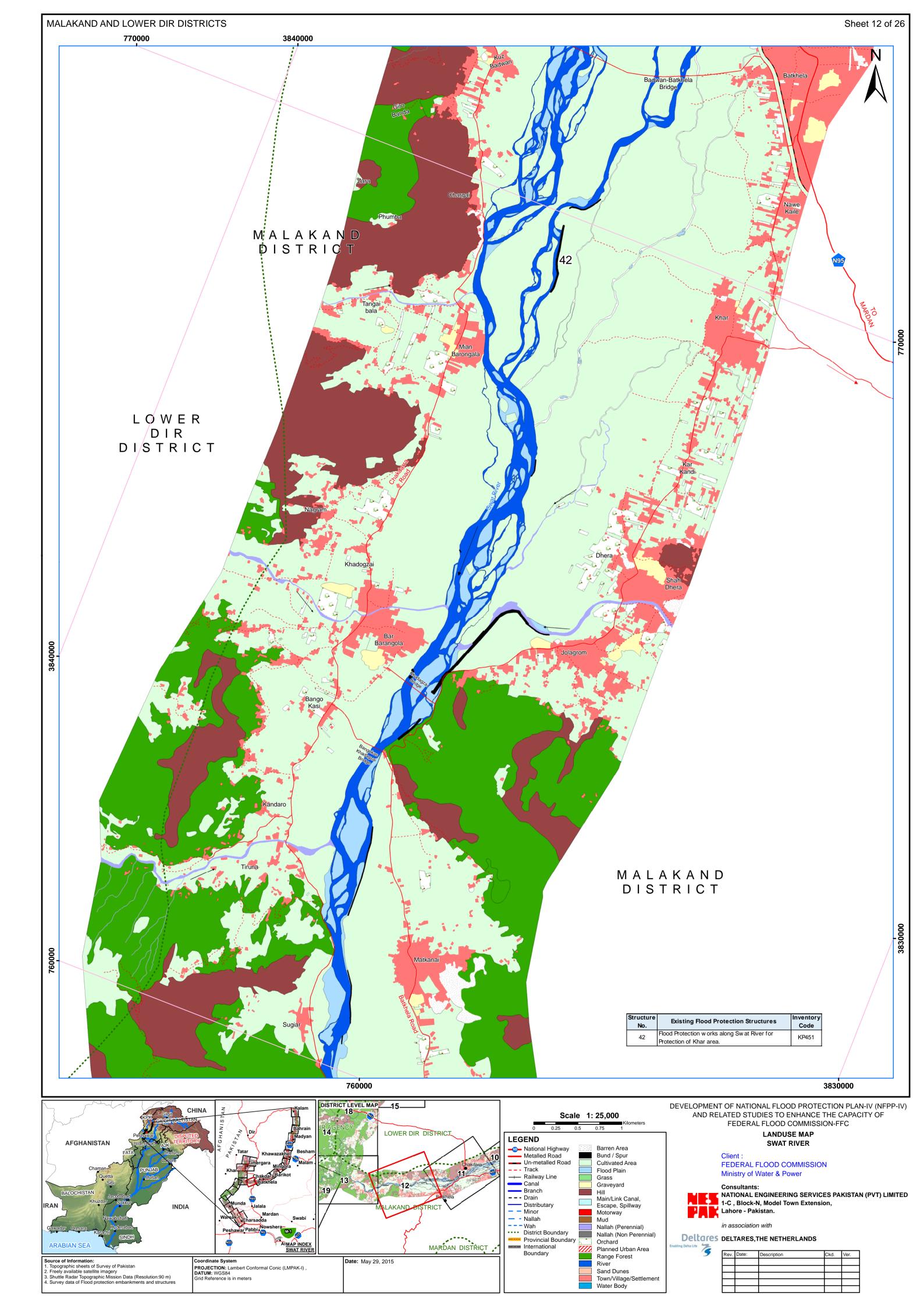


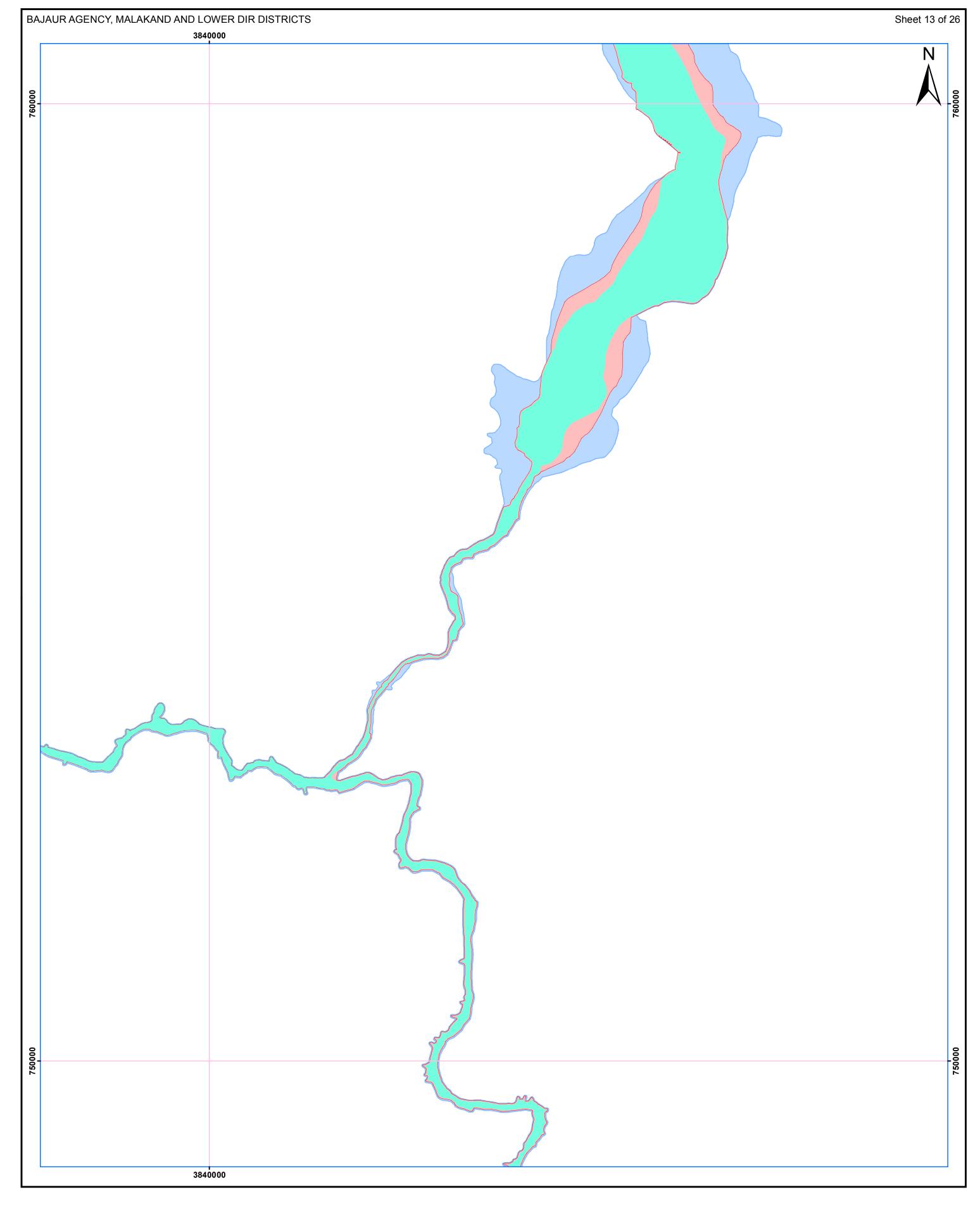




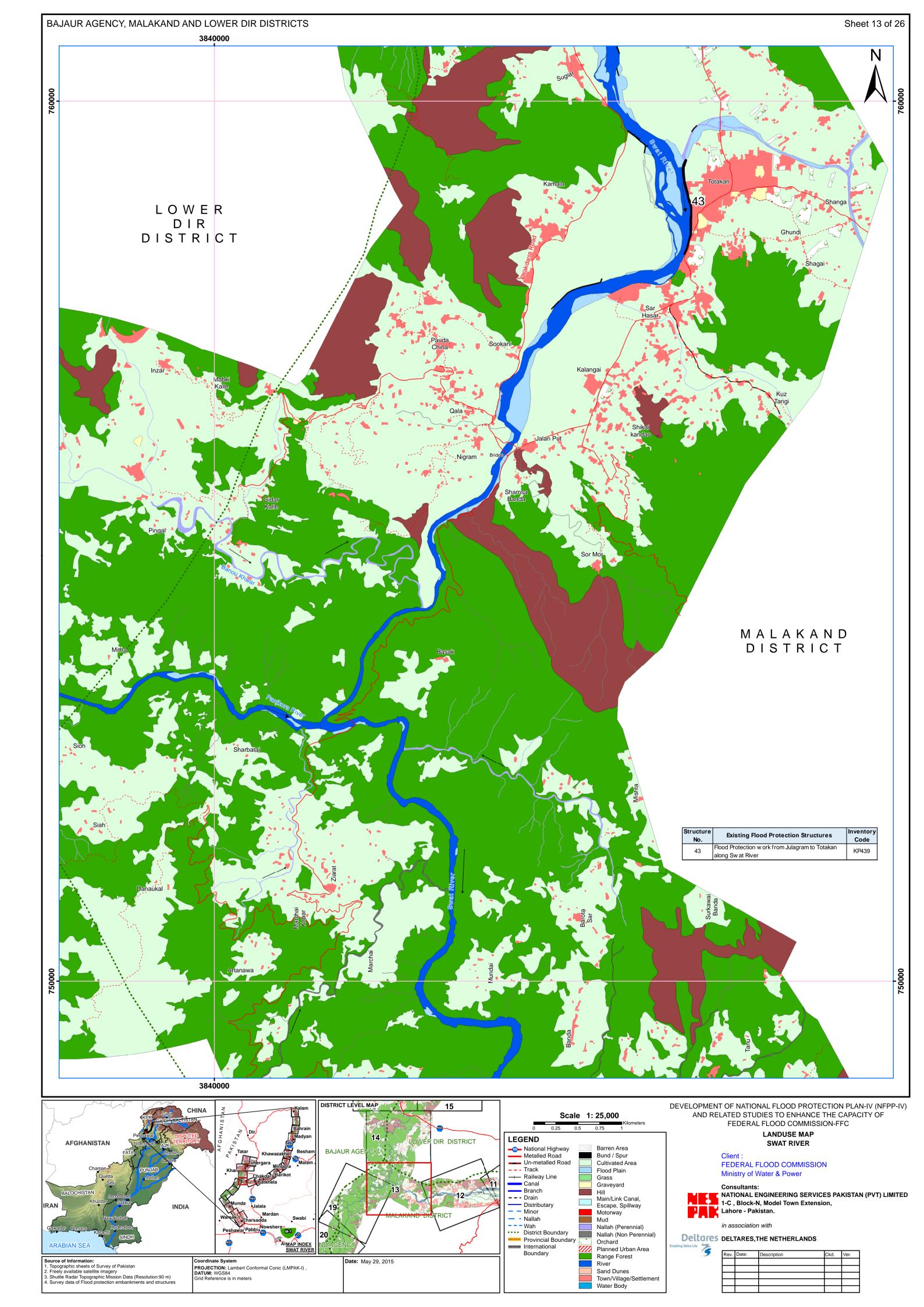


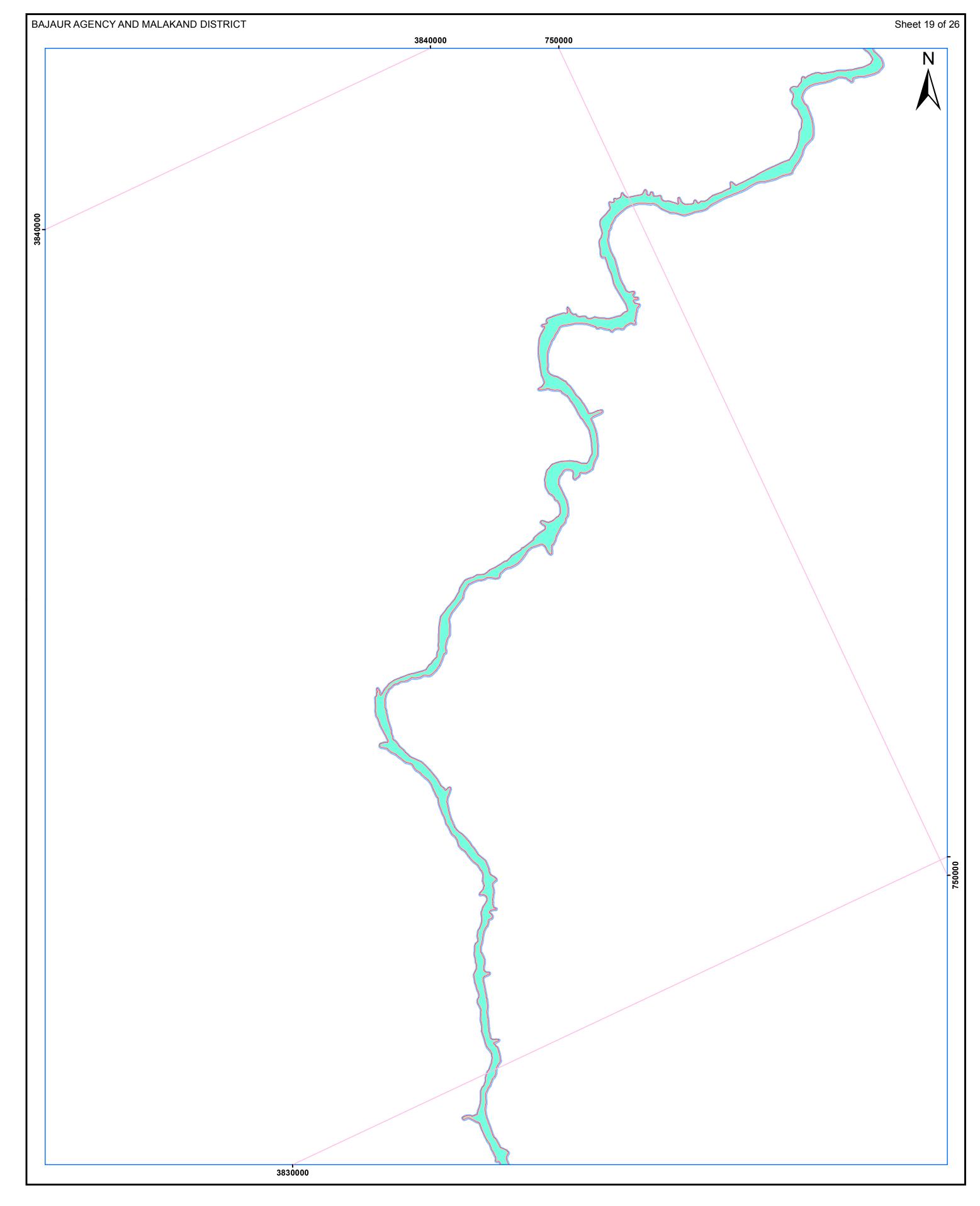


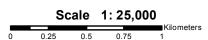


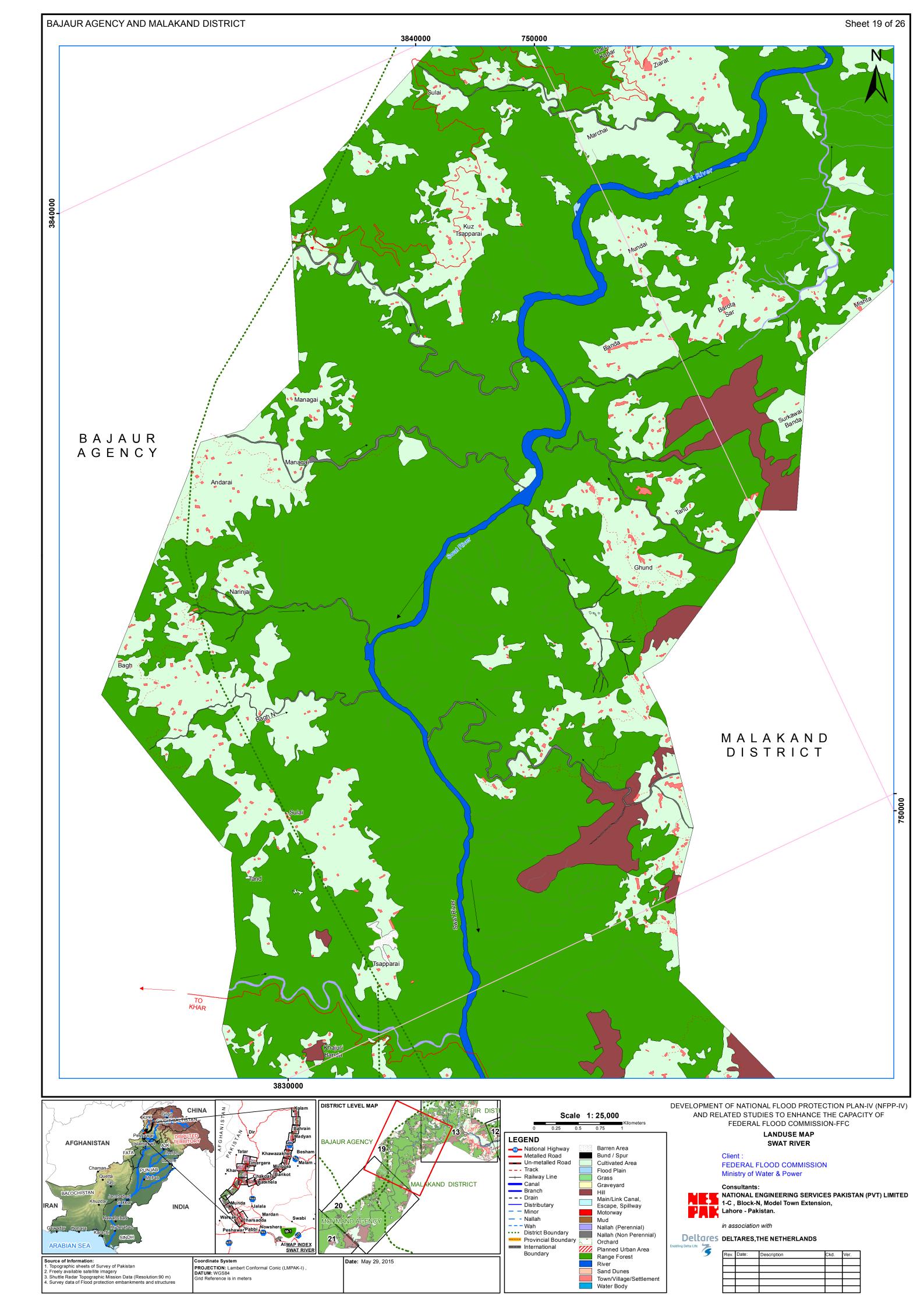


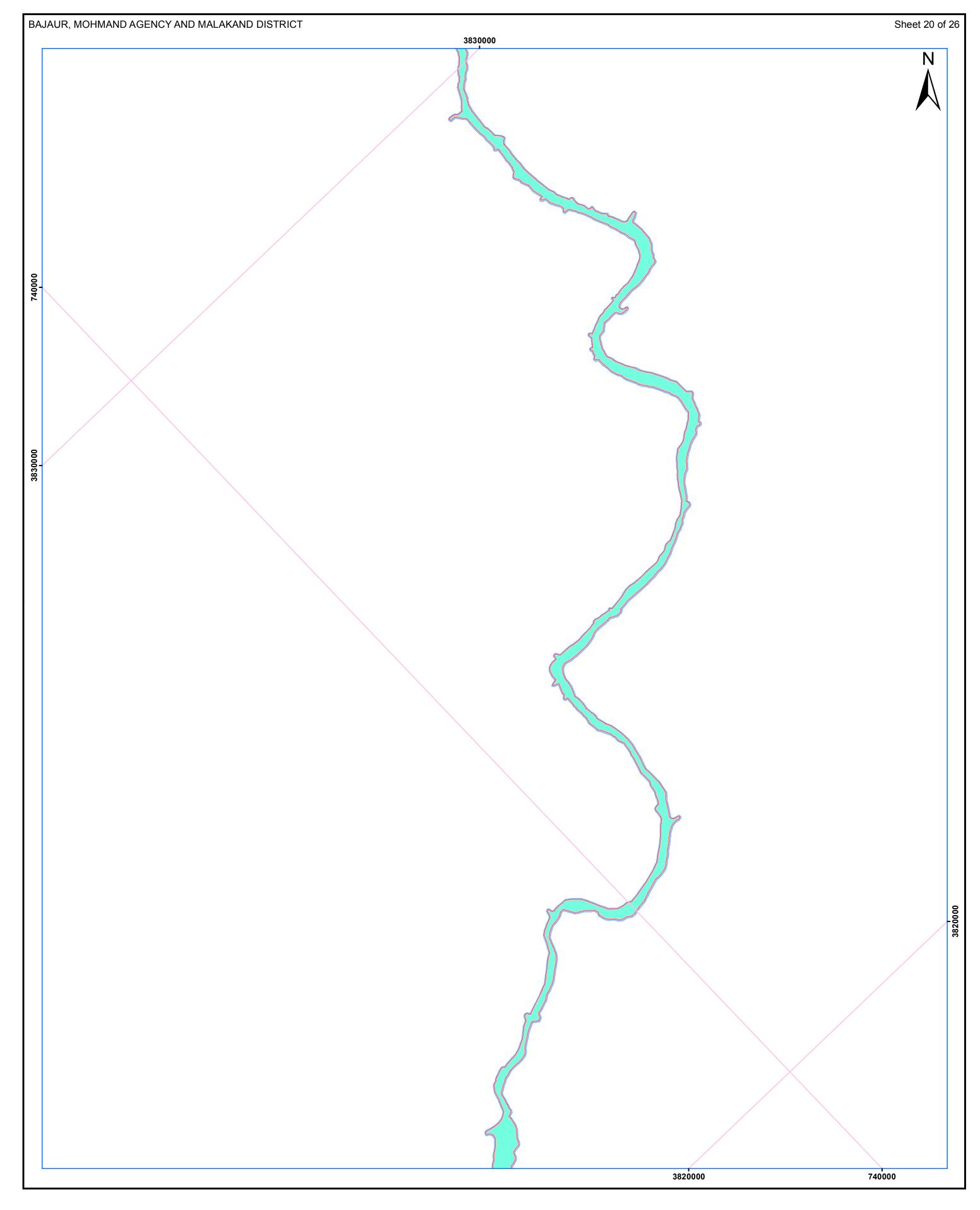




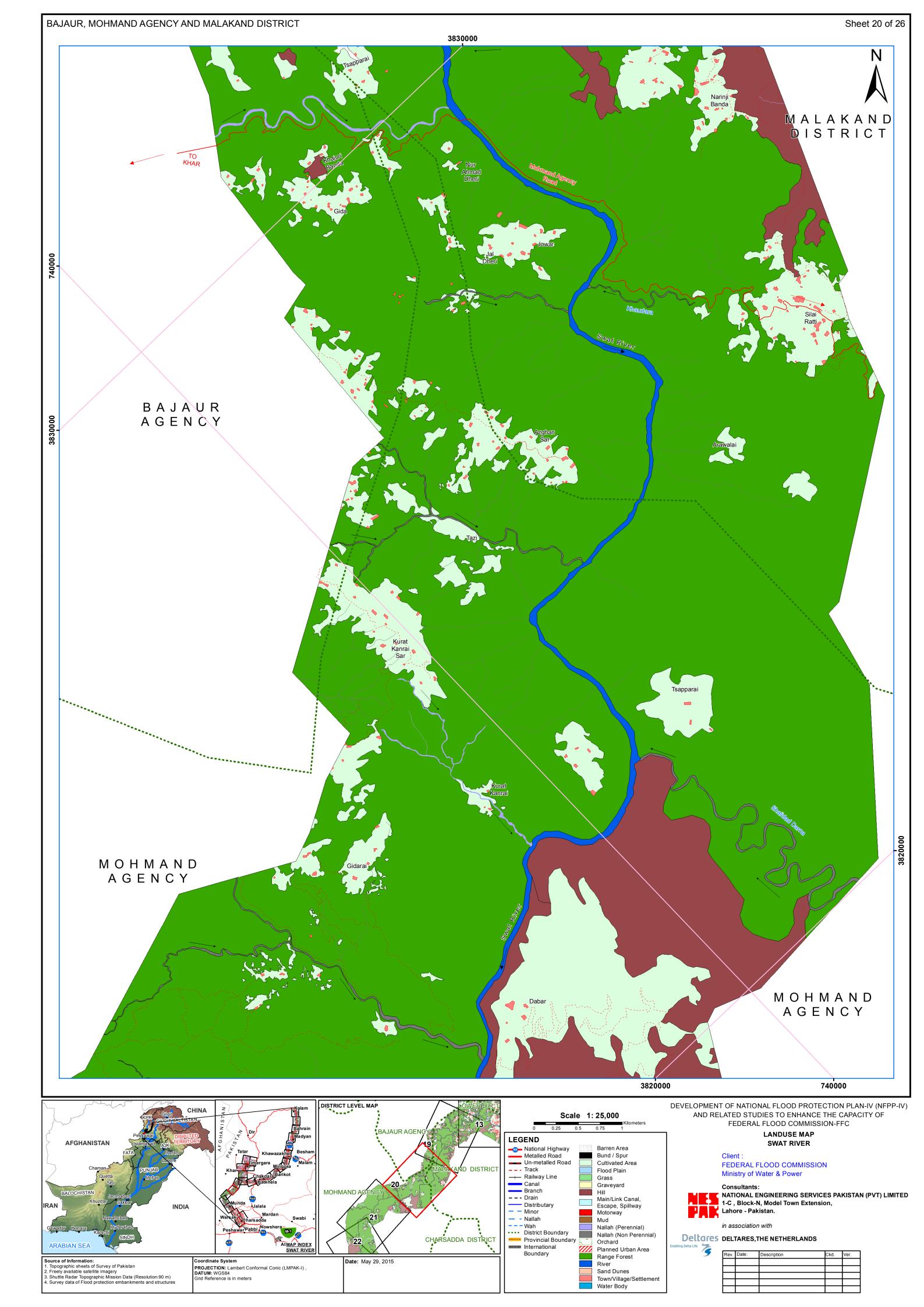












Inundation Depth of Settlements in District Malakand PA

Swat River - Sheet No. 10

Sr. No.	Settlement Name	Zone*	District	Inundation Depth at Discharge of 16,845 Cusec below Kalam		Inundation Depth at Discharge of 19,246 Cusec below Kalam		Inundation Depth at Discharge of 20,271 Cusec below Kalam	
				Min (m)	Max (m)	Min (m)	Max (m)	Min (m)	Max (m)
1	1 settlement nearby Magan	M,L	Malakand PA	0.00	0.00	0.10	1.14	0.93	1.23
2	Jalala	L	Malakand PA	0.00	0.00	0.00	0.00	0.05	0.73

Swat River - Sheet No. 11

Sr. No.	. No. Settlement Name	Zone*	District	Inundation Depth at Discharge of 30,194 Cusec below Chakdara		Inundation Depth at Discharge of 38,846 Cusec below Chakdara		Inundation Depth at Discharge of 42,378 Cusec below Chakdara	
				Min (m)	Max (m)	Min (m)	Max (m)	Min (m)	Max (m)
1	13 settlements nearby Thanna	M,L	Malakand PA	0.00	0.00	0.08	1.08	0.50	1.48
2	4 settlements nearby Dherai	M,L	Malakand PA	0.00	0.00	0.03	1.02	0.04	1.57
3	Amandara and nearby 4 settlements	MΙ	Malakand PA	0.00	0.00	0.01	0.81	0.03	1 29

Swat River - Sheet No. 12

Sr. No.	Settlement Name	Zone*	District	Inundation Depth at Discharge of 30,194 Cusec below Chakdara		Inundation Depth at Discharge of 38,846 Cusec below Chakdara		Inundation Depth at Discharge of 42,378 Cusec below Chakdara	
				Min (m)	Max (m)	Min (m)	Max (m)	Min (m)	Max (m)
1	Khar	M,L	Malakand PA	0.00	0.00	0.06	1.45	0.87	2.28
2	Matkanai and nearby 4 settelments	M,L	Malakand PA	0.00	0.00	0.92	2.33	0.86	2.42
3	Nawe Kaile	M,L	Malakand PA	0.00	0.00	0.20	1.93	0.83	2.45
4	5 settlements nearby Dhera	L	Malakand PA	0.00	0.00	0.00	0.00	0.05	0.28
5	8 settlements nearby Kar Kandi	L	Malakand PA	0.00	0.00	0.00	0.00	0.07	0.29
6	Jolagrom	L	Malakand PA	0.00	0.00	0.00	0.00	0.07	0.28

Swat River - Sheet No. 13

Sr. No.	Settlement Name	Zone*	District	Inundation Depth at Discharge of 30,194 Cusec below Chakdara		Inundation Depth at Discharge of 38,846 Cusec below Chakdara		Inundation Depth at Discharge of 42,378 Cusec below Chakdara	
				Min (m)	Max (m)	Min (m)	Max (m)	Min (m)	Max (m)
1	Sar and nearby 2 settlements	H,M,L	Malakand PA	1.78	3.52	1.83	4.25	1.92	4.66
2	Totakan and nearby 3 settlements	M.L	Malakand PA	0.00	0.00	0.85	3.04	0.93	3.27