

Appendix-I: Details of enclosures

Region	Division	Location/Sub-division	Name of VDC	Zone	No of Closures verified	Total area (ha)	Area traversed for plot sampling	Avg. Reg. per Plot	Avg. Reg. per ha	Total Regeneration in total area
South	Mardan	Gadoon	Mazghund	Sub-Tropical Chir Pine	4	80	80	52.4	5240	419200
South	Mardan	Gadoon	Utal	Sub-Tropical Chir Pine	6	120	120	58.5	5850	702000
South	Kohat	Kohat	Nak Banda	Sub-Tropical Broad Leaved	2	80	40	27.4	2740	219200
South	Kohat	Hango	Khrasha Banda	Sub-Tropical Broad Leaved	1	40	40	31.4	3140	125600
South	Kohat	Hango	Jawarzara	Sub-Tropical Broad Leaved	1	40	40	13.7	1370	54800
South	D I Khan	Sheikh Baddin	Said Abad	Tropical	11	220	110	8	800	176000
South	D I Khan	Sheikh Baddin	Pezu	Tropical	25	180	90	11.1	1110	199800
Total					50	760	520			1896600
Avg							130	28.93	2892.86	
Hazara	Agror Tanawal	Singalli	Kalo Basti	Moist Temperate	1	40	40	17	1650	66000
Hazara	Agror Tanawal	Jalogali	Kalo Basti	Moist Temperate	1	40	40	17	1730	69200
Hazara	Agror Tanawal	Jalogali	Karyalla	Moist Temperate	1	40	40	13	1290	51600
Hazara	Agror Tanawal	Gidder pur	Darra lal	Sub-Tropical Chir Pine	1	40	40	17	1680	67200
Hazara	Agror Tanawal	Chowki	Chowki	Sub-Tropical Chir Pine	1	40	40	32	3190	127600
Hazara	Agror Tanawal	Arbora	Susal Gali	Moist Temperate	1	40	40	9	870	34800
Hazara	Agror Tanawal	Shamdara	Hawgali	Sub-Tropical Chir Pine	1	40	40	14	1420	56800
Hazara	Gallies	Sialkot RF	Okhrila ander Seri	Moist Temperate	1	10	10	12	1183.67	11836.7
Hazara	Gallies	Ander seri	Okhrila ander Seri	Moist Temperate	3	124	8	38	3820	473680
Hazara	Gallies	Darwaza	Darwaza	Moist Temperate	1	70	7	9	871.43	61000.1
Hazara	Gallies	Darwaza	Darwza	Moist Temperate	2	80	20	10	1000	80000
Hazara	Gallies	Shakri Nala	Namli Kala	Moist Temperate	1	12	12	14	1443.33	17319.96

Hazara	Gallies	Namli (Miranjanji)	Namli mera Khurd	Moist Temperate	1	40	40	4	400	16000
Hazara	Haripur	Makanyal	Makhanial	Sub-Tropical Chir Pine	4	236	236	77	7721	1822156
Hazara	Haripur	Khanpur	Sohava	Sub-Tropical Broad Leaved	3	174	58	42	4210	732540
Hazara	Haripur	Satora	Sadha Bahar	Sub-Tropical Chir Pine	3	319	319	65	6530	2083070
Hazara	Hazara Tribal	Shabora	Ajmera	Sub-Tropical Chir Pine	1	30	5	22	2220	66600
Hazara	Hazara Tribal	Ghazi kot	Deshan gijbore	Sub-Tropical Chir Pine	1	30	5	23	2300	69000
Hazara	Hazara Tribal	Anora	Anora	Moist Temperate	1	30	5	45	4490	134700
Hazara	Hazara Tribal	Anora	Katora	Moist Temperate	1	40	10	38	3800	152000
Hazara	Hazara Tribal	Ghat seri	Ghat seri	Moist Temperate	1	60	20	9	940	56400
Hazara	Hazara Tribal	Ghat seri	Ghat seri	Moist Temperate	7	235	20	8	750	176250
Hazara	Hazara Tribal	Batila	Kana batila	Moist Temperate	12	624	424	7	748.57	467107.68
Hazara	Kaghan	Jahgeer	Jahgeer	Sub-Tropical Chir Pine	1	70	70	16	1630	114100
Hazara	Kaghan	Dohar RF	Jared Sharqi	Moist Temperate	1	56	56	24	2410	134960
Hazara	Kaghan	Maidan	Jared Sharqi	Moist Temperate	1	63	63	22	2240	141120
Hazara	Kaghan	Chambar Hangrai	Hangri	Moist Temperate	1	124	124	8	840	104160
Hazara	Kaghan	Mitkot Guzra	Balakot	Moist Temperate	4	657	169	13	1260	827820
Hazara	Siran	Shapra Tangli	Kotli bala	Sub-Tropical Chir Pine	3	150	150	15	1466.67	220000.5
Hazara	Siran	Timri	Timri	Moist Temperate	1	658	658	9	943	620494
Hazara	Siran	Tangli RF	Karmang	Moist Temperate	1	124	124	11	1133	140492
Hazara	Siran	Devli Gozara	Dawali	Moist Temperate	1	117	117	20	1950	228150
Hazara	Siran	Massar RF	Shinklari	Sub-Tropical Chir Pine	1	160	160	28	2833.33	453332.8
Hazara	Siran	Jadwall	Tamba	Sub-Tropical Chir Pine	1	97	97	42	4200	407400
Hazara	Siran	Panjool RF	Salbandi Mera	Moist Temperate	1	65	65	20	1950	126750
Hazara	Siran	Bhorgharmang Guzara	Bhogharmang	Sub-Tropical Chir Pine	1	42	42	25	2483	104286
Hazara	Siran	Tangli RF	Ahl	Sub-Tropical Chir Pine	1	327	327	31	3100	1013700
Hazara	Siran	Massar RF	Jabba	Sub-Tropical Chir Pine	1	93	93	33	3300	306900
Hazara	Siran	Massar RF	Jabba	Sub-Tropical Chir Pine	1	81	81	15	1517	122877

Hazara	Siran	Shinkhari Massar RF	Shinkhari	Sub-Tropical Chir Pine	1	460	460	20	1983.3	912318
Hazara	Siran	Paryai RF	Stana gali	Sub-Tropical Chir Pine	1	183	183	18	1816.7	332456.1
Hazara	Thor Ghar	Aleema Banda Sari	Aleema sari	Moist Temperate	5	279	279	12	1150.81	321075.99
Total					78	6200	4797			13525253
Avg							223.07	22.02	2201.54	
Malakand	Bunir	Dagar	Kat Kalla	Sub-Tropical Chir Pine	8	684	591	46.5	4650	3180600
Malakand	Bunir	Chamla	Nagri	Sub-Tropical Chir Pine	5	350	250	45.2	4520	1582000
Malakand	Alpuri	Alpuri	Machar	Moist Temperate	2	150	16	15.23	1523.39	228508.5
Malakand	Alpuri	Alpuri	wahab Khel Kotkay	Moist Temperate	1	15	15	11.24	1124.19	16862.85
Malakand	Alpuri	Karora	Damorai	Moist Temperate	1	33	33	11.31	1130.57	37308.81
Malakand	Alpuri	Alpuri	Lilownai	Moist Temperate	1	16	16	2.52	251.54	4024.64
Malakand	Alpuri	Karora	Darkali Upal	Moist Temperate	1	22	22	2.9	289.94	6378.68
Malakand	Alpuri	Karora	Chakesar	Moist Temperate	1	25	25	12.73	1272.66	31816.5
Malakand	Chitral	Booni	Golain Payeen	Dry Temperate	3	210	70	12	1200.19	252039.9
Malakand	Chitral	Chitral	Birir	Dry Temperate	2	200	100	13.76	1376.34	275268
Malakand	Chitral	Chitral	Jughor Gol	Dry Temperate	3	300	100	9.7	969.89	290967
Malakand	Chitral	Chitral	Sahan Ayun	Dry Temperate	2	200	100	8.36	836.02	167204
Malakand	Chitral	Chitral	Sahan Ayun	Dry Temperate	2	340	70	9.05	905.27	307791.8
Malakand	Chitral	Drosh North	Kaldam	Dry Temperate	13	1040	80	6.16	615.59	640213.6
Malakand	Dir Kohistan	Patrak	Chamkot	Dry Temperate	1	82	82	21.19	2119.01	173758.82
Malakand	Kalam	Behrain North	Balakot	Dry Temperate	5	250	50	8.49	848.71	212177.5
Malakand	Kalam	Behrain South	Piya Chancharai	Moist Temperate	2	320	186	1.84	183.8	58816
Malakand	Kalam	Behrain South	Dabargai	Moist Temperate	2	300	182	2.98	298.39	89517
Malakand	Lower Dir	Timargirah	Amlook dara	Sub-Tropical Chir Pine	1	36	36	25.62	2562.1	92235.6
Malakand	Lower Dir	Timargirah	Gumbat	Sub-Tropical Chir Pine	1	20	20	28.57	2857.06	57141.2
Malakand	Lower Dir	Timargirah	Nasapa	Sub-Tropical Chir Pine	1	37	37	25.74	2574.1	95241.7
Malakand	Lower Dir	Chakdara	Kotaira Osakai	Sub-Tropical Chir Pine	1	46	46	25	2500.18	115008.28

Malakand	Lower Dir	Chakdara		Osakay Mianz Kalay	Sub-Tropical Chir Pine	1	30	30	39.59	3959.07	118772.1
Malakand	Lower Dir	Chakdara		Landi Cham Osakay	Sub-Tropical Chir Pine	1	27	27	25.4	2539.87	68576.49
Malakand	Lower Dir	Chakdara		Dagai Osakay	Sub-Tropical Chir Pine	1	29	29	15.15	1515.23	43941.67
Malakand	Lower Dir	Timargirah		Sarai Bala-01	Sub-Tropical Chir Pine	1	23	23	26.35	2634.59	60595.57
Malakand	Lower Dir	Timargirah		Sarai Bala- 02	Sub-Tropical Chir Pine	1	29	29	35.67	3566.76	103436.04
Malakand	Lower Dir	Timargirah		Sarai bala-03	Sub-Tropical Chir Pine	1	5	5	19.4	1939.71	9698.55
Malakand	Lower Dir	Timargirah		Sarai bala-04	Sub-Tropical Chir Pine	1	29	29	26.31	2630.91	76296.39
Malakand	Malakand	Batkheila		Rahat Abad Agra	Sub-Tropical Chir Pine	2	90	43	23.14	2313.62	208225.8
Malakand	Malakand	Batkheila		Bazargai Agra	Sub-Tropical Chir Pine	1	32	32	36.78	3677.69	117686.08
Malakand	Swat	Mangora		Barikot	Sub-Tropical Chir Pine	5	120	19	34.4	3439.78	412773.6
Malakand	Swat	Kabal		Mian Bela	Sub-Tropical Chir Pine	2	200	194	44.58	4457.85	891570
Malakand	Upper Dir	Dir		Sundarwal	Dry Temperate	1	20	20	4.43	442.92	8858.4
Malakand	Upper Dir	Dir		Dir taraqiati committee Qulandi bala	Dry Temperate	1	21	21	5.93	593.16	12456.36
Malakand	Upper Dir	Dir		Barikot Dobando	Dry Temperate	1	48	48	6.2	620.2	29769.6
Malakand	Upper Dir	Dir		Rokhan	Dry Temperate	1	39	39	10.17	1016.51	39643.89
Malakand	Upper Dir	Darora		Jabbar	Dry Temperate	2	200	100	4.76	476.5	95300
Total						82	5618	2815			10212481
Avg									18.54	1853.51	
Total						210	12578	8132			25634334
Avg									23.16	2315.97	

Appendix-J: Details of reclamation of saline and water logged areas

Region	Forest division	Range/ sub-division	Location/ Site	Area claimed (ha)	Area ha (Monitoring Team)	Variance	Total plants planted (Per record)	Total plants planted (Monitoring Team)	Variance	Survival Rate %	Avg Spacing (ft)
South	Peshawar	Peshawar	Military Farm Kheshki	11	15	4	12000	12833	833	68.38	9.52
South	Peshawar	Charsadda	Nisata	5	4.8	-0.2	5160	4640	-520	54.00	10.2333
South	Kohat	Karak	Thapi Karak	4.85	5.29	0.44	5200	5438	238	61.19	9.875
South	Kohat	Karak	Shobli Banda	20	20.4	0.4	21500	20000	-1500	83.15	10.75
South	Bannu	L Marwat	Wanda Sher dil	40	41.06	1.06	4300	4400	100	93.16	9.795
South	Total			80.85	86.55	5.7	48160	47311			
South	Avg			16.17	17.31					71.98	10.03