

Annex A— Township Coverage Maps and Village Tract Data

Township Coverage Maps

Individual coverage maps for the 4 Townships in this Tender showing projected coverage to Q1 2019, including village tracts, are attached below:

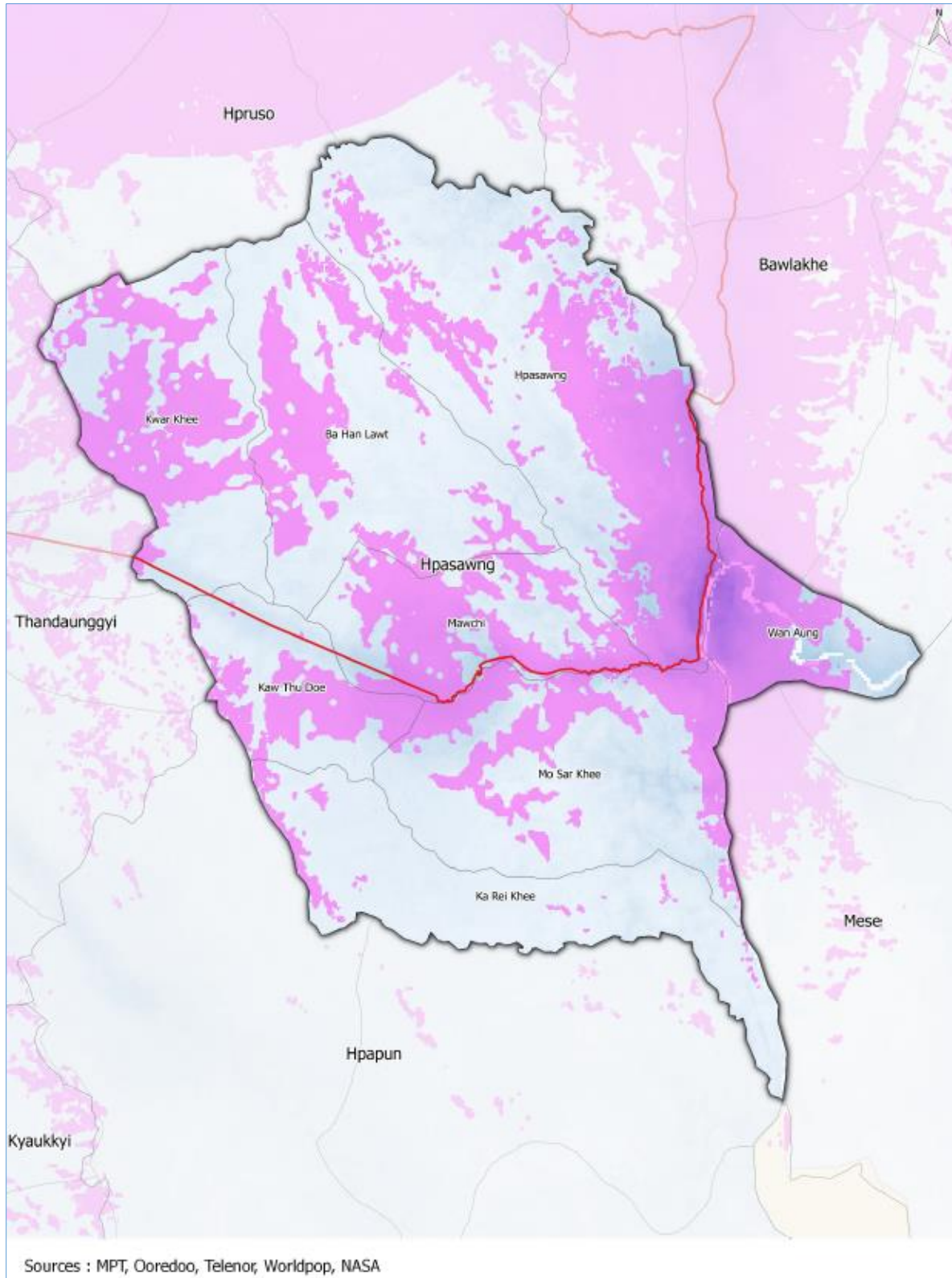
Lot	Sub-Lot	State /Region	Township	% of total population covered	Uncovered population	No. of Village Tracts (VTs) shown in the GIS maps	No of VTs conflicting with Census list	Est. no. of VTs with less than 80% covered population	Min. no. of these VTs required to exceed 80%
1	1-1	Kayah	Hpasawng	62	9,751	8	0	8	6
2	2-1	Magway	Sidoktaya	58	19,961	47	6	37	30
3	3-1	Rakhine	Minbya	87	22,674	64	n/a	4	4
4	4-1	Rakhine	Ann	88	14,845	30	n/a	3	3
					67,231	149	n/a	52	43

As noted in Section 8, the list in this Annex A indicates that there is some conflict between the list of Village Tracts in the GIS map files obtained through MIMU and the list of VTs contained in the Census reports. The detailed, extended Table “Village Tract List” contained in this Annex A provides complete *available* matching and non-matching information for all 4 townships in this tender.

Approximately 52 of the village tracts in the 4 townships have covered areas of less than 80% of population, which are the target of this tender. All of these VTs must be covered to reach at least 50% of those VTs’ populations. The required number of VTs which must be targeted to reach 80% population coverage in each township (a total of 43) are provided in the above table and are summarized in the boxes above the township coverage maps in this Annex A.

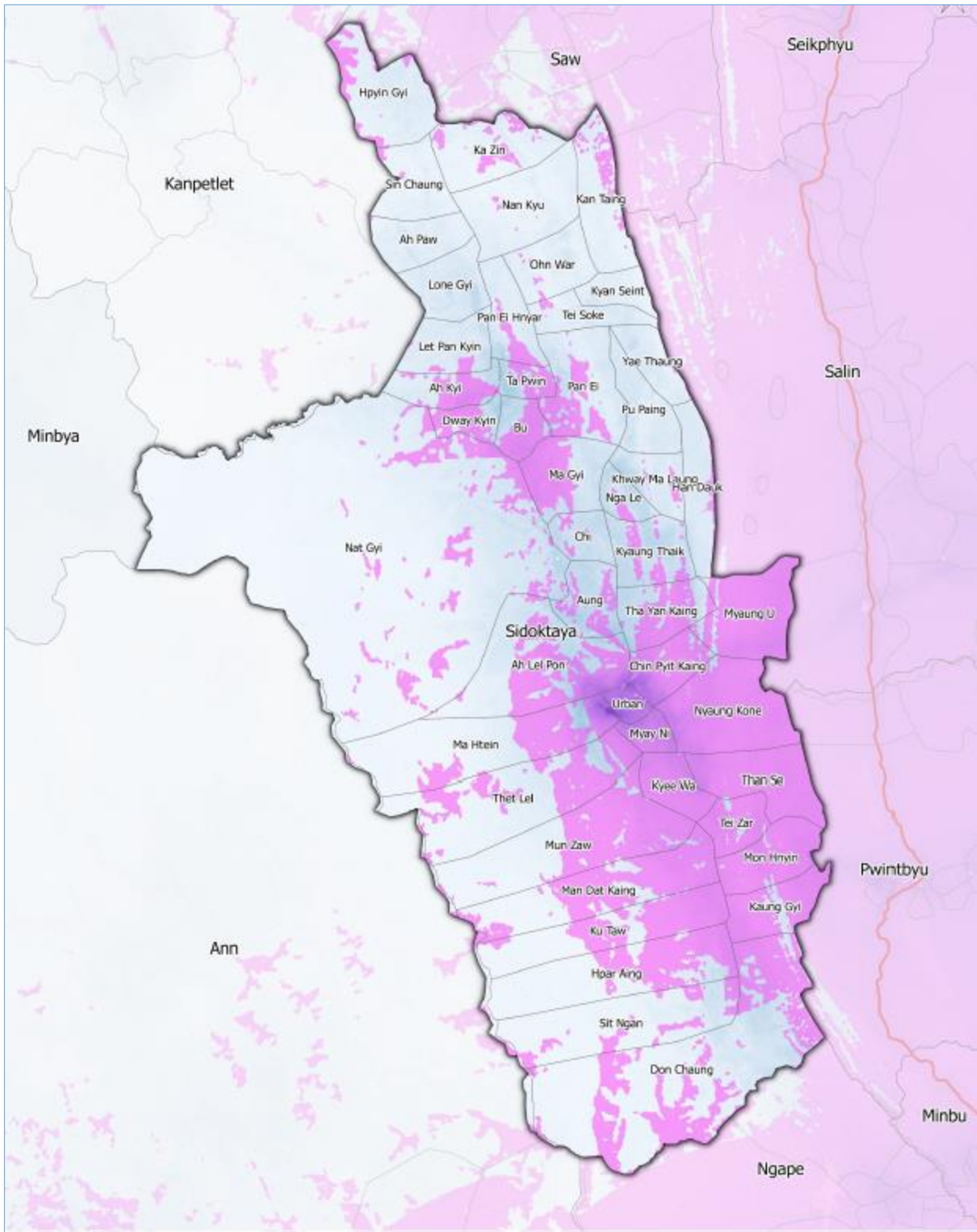
Sub-Lot 1-1: Hpasawng

BTSs	4	VTs <80%	8	Req'd	6	>80%
------	---	----------	---	-------	---	------



Sub-Lot 2-1: Sidoktaya

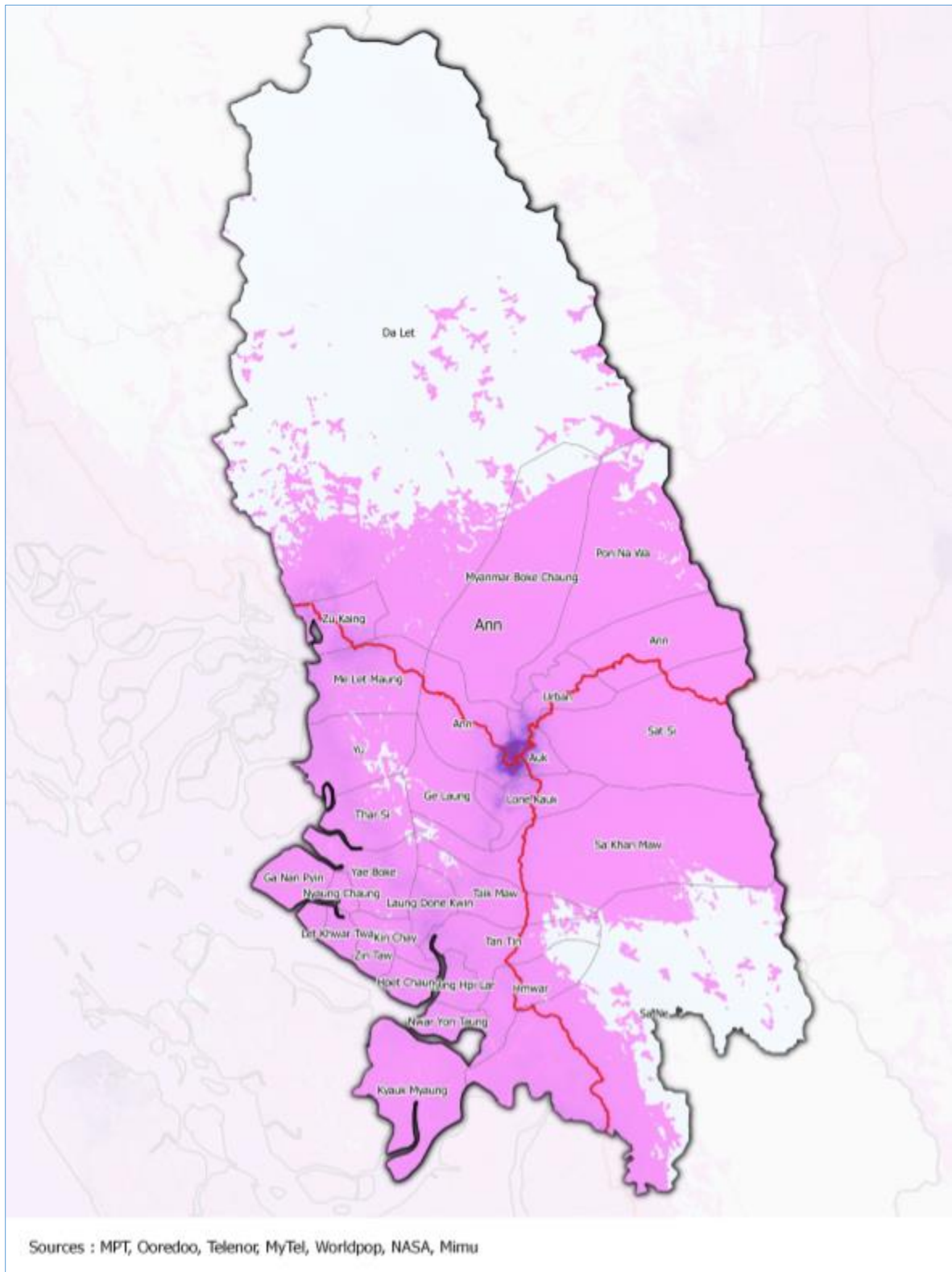
BTSs	8	VTs <80%	37	Req'd	30	>80%
------	---	----------	----	-------	----	------



Sources : MPT, Ooredoo, Telenor, Worldpop, NASA

Lot 4-1: Ann

BTSs	9	VTs <80%	3	Req'd	3	>80%
------	---	----------	---	-------	---	------



List of Village Tracts

Lot	Sub-Lot	State/Region	Township	Village tract GIS LIST	VT_Code	Match Census file	Village Tract CENSUS LIST	Approx. % Geog. area covered
1	1-1	Kayah	Hpasawng	Hpasawng	MMR002006001	Yes	Hpasawng	40
1	1-1	Kayah	Hpasawng	Wan Aung	MMR002006002	Yes	Wan Aung	70
1	1-1	Kayah	Hpasawng	Ba Han Lawt	MMR002006003	Yes	Ba Han Lawt	30
1	1-1	Kayah	Hpasawng	Kwar Khee	MMR002006004	Yes	Kwar Khee	50
1	1-1	Kayah	Hpasawng	Kaw Thu Doe	MMR002006005	Yes	Kaw Thu Doe	40
1	1-1	Kayah	Hpasawng	Mawchi	MMR002006006	Yes	Mawchi	60
2	2-1	Magway	Sidoktaya	Hpyin Gyi	MMR009011001	Yes	Hpyin Gyi	20
2	2-1	Magway	Sidoktaya	Sin Chaung	MMR009011002	Yes	Sin Chaung	3
2	2-1	Magway	Sidoktaya	Ah Paw	MMR009011003	Yes	Ah Paw	0
2	2-1	Magway	Sidoktaya	Lone Gyi	MMR009011004	Yes	Lone Gyi	0
2	2-1	Magway	Sidoktaya	Let Pan Kyin	MMR009011005	Yes	Let Pan Kyin	10
2	2-1	Magway	Sidoktaya	Ah Kyi	MMR009011006	Yes	Ah Kyi	40
2	2-1	Magway	Sidoktaya	Ta Pwin	MMR009011007	Yes	Ta Pwin	60
2	2-1	Magway	Sidoktaya	Dway Kyin	MMR009011008	Yes	Dway Kyin	70
2	2-1	Magway	Sidoktaya	Nat Gyi	MMR009011009	Yes	Nat Gyi	10
2	2-1	Magway	Sidoktaya	Pan Ei Hnyar	MMR009011010	Yes	Pan Ei Hnyar	20
2	2-1	Magway	Sidoktaya	Pan Ei	MMR009011011	Yes	Pan Ei	30
2	2-1	Magway	Sidoktaya	Bu	MMR009011012	Yes	Bu	70
2	2-1	Magway	Sidoktaya	Ma Gyi	MMR009011013	Yes	Ma Gyi	50
2	2-1	Magway	Sidoktaya	Chi	MMR009011014	Yes	Chi	10
2	2-1	Magway	Sidoktaya	Aung	MMR009011015	Yes	Aung	30
2	2-1	Magway	Sidoktaya	Ah Lel Pon	MMR009011016	Yes	Ah Lel Pon	40
2	2-1	Magway	Sidoktaya	Ma Htein	MMR009011017	Yes	Ma Htein	30
2	2-1	Magway	Sidoktaya	Ka Zin	MMR009011018	Yes	Ka Zin	20
2	2-1	Magway	Sidoktaya	Nan Kyu	MMR009011019	Yes	Nan Kyu	1
2	2-1	Magway	Sidoktaya	Ohn War	MMR009011020	Yes	Ohn War	3

Lot	Sub-Lot	State/Region	Township	Village tract GIS LIST	VT_Code	Match Census file	Village Tract CENSUS LIST	Approx. % Geog. area covered
2	2-1	Magway	Sidoktaya	Kan Taing	MMR009011021	Yes	Kan Taing	20
2	2-1	Magway	Sidoktaya	Kyan Seint	MMR009011022	Yes	Kyan Seint	3
2	2-1	Magway	Sidoktaya	Tei Soke	MMR009011023	Yes	Tei Soke	4
2	2-1	Magway	Sidoktaya	Yae Thauung	MMR009011024	Yes	Yae Thauung	10
2	2-1	Magway	Sidoktaya	Pu Paing	MMR009011025	Yes	Pu Paing	10
2	2-1	Magway	Sidoktaya	Han Dauk	MMR009011026	Yes	Han Dauk	10
2	2-1	Magway	Sidoktaya	Khway Ma Laung	MMR009011027	Yes	Khway Ma Laung	10
2	2-1	Magway	Sidoktaya	Nga Le	MMR009011028	Yes	Nga Le	20
2	2-1	Magway	Sidoktaya	Kyaung Thaik	MMR009011029	Yes	Kyaung Thaik	20
2	2-1	Magway	Sidoktaya	Tha Yan Kaing	MMR009011030	Yes	Tha Yan Kaing	60
2	2-1	Magway	Sidoktaya	Chin Pyit Kaing	MMR009011031	Yes	Chin Pyit Kaing	90
2	2-1	Magway	Sidoktaya	Myaung U	MMR009011032	Yes	Myaung U	90
2	2-1	Magway	Sidoktaya	Myay Ni	MMR009011033	Yes	Myay Ni Kone	100
2	2-1	Magway	Sidoktaya	Than Se	MMR009011034	Yes	Than Se	100
2	2-1	Magway	Sidoktaya	Thet Lei	MMR009011035	Yes	Thet Lei	40
2	2-1	Magway	Sidoktaya	Mun Zaw	MMR009011036	Yes	Mun Zaw	50
2	2-1	Magway	Sidoktaya	Kyee Wa	MMR009011037	Yes	Kyee Wa	100
2	2-1	Magway	Sidoktaya	Tei Zar	MMR009011038	Yes	Tei Zar	90
2	2-1	Magway	Sidoktaya	Mon Hnyin	MMR009011039	Yes	Mon Hnyin	100
2	2-1	Magway	Sidoktaya	Nyaung Kone	MMR009011040	Yes	Nyaung Kone	100
2	2-1	Magway	Sidoktaya	Man Dat Kaing	MMR009011041	Yes	Man Dat Kaing	60
2	2-1	Magway	Sidoktaya	Ku Taw	MMR009011042	Yes	Ku Taw	50
2	2-1	Magway	Sidoktaya	Kaung Gyi	MMR009011043	Yes	Kaung Gyi	90
2	2-1	Magway	Sidoktaya	Hpar Aing	MMR009011044	Yes	Hpar Aing	40
2	2-1	Magway	Sidoktaya	Sit Ngan	MMR009011045	Yes	Sit Ngan	20
2	2-1	Magway	Sidoktaya	Don Chaung	MMR009011046	Yes	Don Chaung	40
2	2-1	Magway	Sidoktaya	Urban	MMR009011701			100
3	3-1	Rakhine	Minbya	Khauing Laung Chaung	MMR012005057	n/a		95

Lot	Sub-Lot	State/Region	Township	Village tract GIS LIST	VT_Code	Match Census file	Village Tract CENSUS LIST	Approx. % Geog. area covered
3	3-1	Rakhine	Minbya	Thin Ga Net	MMR012005048	n/a		93
3	3-1	Rakhine	Minbya	Reserved Forest	MMR012005000	n/a		7
3	3-1	Rakhine	Minbya	Pan Myaung	MMR012005016	n/a		84
3	3-1	Rakhine	Minbya	Na Ga Yar	MMR012005017	n/a		95
3	3-1	Rakhine	Minbya	Htein Pin	MMR012005022	n/a		88
3	3-1	Rakhine	Minbya	Pyin Yaung	MMR012005021	n/a		94
3	3-1	Rakhine	Minbya	Oe Pyin Taung	MMR012005020	n/a		99
3	3-1	Rakhine	Minbya	Shwe Ta Mar	MMR012005018	n/a		93
3	3-1	Rakhine	Minbya	Min Hpu	MMR012005019	n/a		88
3	3-1	Rakhine	Minbya	Min Zi	MMR012005027	n/a		78
3	3-1	Rakhine	Minbya	Tha Toe	MMR012005024	n/a		97
3	3-1	Rakhine	Minbya	Sa Par Htar	MMR012005032	n/a		83
3	3-1	Rakhine	Minbya	Sat Kyar	MMR012005013	n/a		81
3	3-1	Rakhine	Minbya	Win Zar	MMR012005015	n/a		97
3	3-1	Rakhine	Minbya	Ku Lar Ma Taung	MMR012005025	n/a		69
3	3-1	Rakhine	Minbya	Done Gyi	MMR012005026	n/a		97
3	3-1	Rakhine	Minbya	Hpon Thar Wa	MMR012005029	n/a		99
3	3-1	Rakhine	Minbya	Kyaung Taung	MMR012005037	n/a		100
3	3-1	Rakhine	Minbya	Ngan Tet	MMR012005030	n/a		100
3	3-1	Rakhine	Minbya	Ah Htet Hnget Pyaw Chaung	MMR012005035	n/a		99
3	3-1	Rakhine	Minbya	Auk Hnget Pyaw Chaung	MMR012005044	n/a		95
3	3-1	Rakhine	Minbya	Yin Bway	MMR012005042	n/a		94
3	3-1	Rakhine	Minbya	Yin Chaung	MMR012005043	n/a		91
3	3-1	Rakhine	Minbya	Yan Htaing	MMR012005051	n/a		97
3	3-1	Rakhine	Minbya	Thar Yar Kone	MMR012005050	n/a		99
3	3-1	Rakhine	Minbya	May Lun	MMR012005036	n/a		96
3	3-1	Rakhine	Minbya	Taung Shey Pyin	MMR012005041	n/a		99
3	3-1	Rakhine	Minbya	Kyein Chaung	MMR012005046	n/a		91

Lot	Sub-Lot	State/Region	Township	Village tract GIS LIST	VT_Code	Match Census file	Village Tract CENSUS LIST	Approx. % Geog. area covered
3	3-1	Rakhine	Minbya	Ah Wa	MM/R012005033	n/a		98
3	3-1	Rakhine	Minbya	Chaw Chaung	MM/R012005049	n/a		99
3	3-1	Rakhine	Minbya	Khway Tauk Chaung	MM/R012005052	n/a		99
3	3-1	Rakhine	Minbya	La Har Kyay	MM/R012005055	n/a		95
3	3-1	Rakhine	Minbya	Kywe Tet	MM/R012005056	n/a		97
3	3-1	Rakhine	Minbya	Aing Wan	MM/R012005053	n/a		97
3	3-1	Rakhine	Minbya	Oke Ta Rar	MM/R012005054	n/a		99
3	3-1	Rakhine	Minbya	Kyaung Yae Chaung	MM/R012005059	n/a		96
3	3-1	Rakhine	Minbya	Sun Ye	MM/R012005058	n/a		98
3	3-1	Rakhine	Minbya	That Pone	MM/R012005060	n/a		97
3	3-1	Rakhine	Minbya	Chaug Shey	MM/R012005061	n/a		92
3	3-1	Rakhine	Minbya	Ba Li Pauk	MM/R012005062	n/a		97
3	3-1	Rakhine	Minbya	Thein Taung	MM/R012005006	n/a		91
3	3-1	Rakhine	Minbya	Nga/Way	MM/R012005007	n/a		95
3	3-1	Rakhine	Minbya	Than Shin	MM/R012005012	n/a		91
3	3-1	Rakhine	Minbya	Bar Bu Taung	MM/R012005008	n/a		98
3	3-1	Rakhine	Minbya	Hpa Laung Pyin	MM/R012005047	n/a		98
3	3-1	Rakhine	Minbya	Kay Tha Lar Pyun Wa	MM/R012005038	n/a		91
3	3-1	Rakhine	Minbya	Kay Tha Lar Chaung Wa	MM/R012005039	n/a		100
3	3-1	Rakhine	Minbya	Kywe Kyo	MM/R012005040	n/a		90
3	3-1	Rakhine	Minbya	Thin Paung Chaung	MM/R012005034	n/a		99
3	3-1	Rakhine	Minbya	Tat Yar	MM/R012005028	n/a		94
3	3-1	Rakhine	Minbya	Urban	MM/R012005701	n/a		95
3	3-1	Rakhine	Minbya	Thin Khaung Maw	MM/R012005023	n/a		88
3	3-1	Rakhine	Minbya	Ku Toet Seik	MM/R012005014	n/a		95
3	3-1	Rakhine	Minbya	Pan Zin Maw	MM/R012005005	n/a		92
3	3-1	Rakhine	Minbya	Taung Poet Gyi	MM/R012005004	n/a		98
3	3-1	Rakhine	Minbya	San Bar Lay	MM/R012005009	n/a		94

Lot	Sub-Lot	State/Region	Township	Village tract GIS LIST	VT_Code	Match Census file	Village Tract CENSUS LIST	Approx. % Geog. area covered
3	3-1	Rakhine	Minbya	Ywar Pyin	MMR012005002	n/a		100
3	3-1	Rakhine	Minbya	Kin Seik	MMR012005001	n/a		100
3	3-1	Rakhine	Minbya	Chaik Taung	MMR012005003	n/a		98
3	3-1	Rakhine	Minbya	Pwint Htee	MMR012005011	n/a		100
3	3-1	Rakhine	Minbya	Na Yan	MMR012005010	n/a		88
3	3-1	Rakhine	Minbya	Min Ku Lan	MMR012005031	n/a		33
3	3-1	Rakhine	Minbya	Zin Yin Maw	MMR012005045	n/a		100
4	4-1	Rakhine	Ann	Urban	MMR012014701	n/a		100
4	4-1	Rakhine	Ann	Ann (North)	MMR012014001	n/a		100
4	4-1	Rakhine	Ann	Ann (South)	MMR012014003	n/a		100
4	4-1	Rakhine	Ann	Ge Laung	MMR012014004	n/a		98
4	4-1	Rakhine	Ann	Zu Kaing	MMR012014005	n/a		98
4	4-1	Rakhine	Ann	Kin Chay	MMR012014006	n/a		94
4	4-1	Rakhine	Ann	Ga Nan Pyin	MMR012014007	n/a		88
4	4-1	Rakhine	Ann	Lone Kauk	MMR012014008	n/a		99
4	4-1	Rakhine	Ann	Laung Done Kwin	MMR012014009	n/a		97
4	4-1	Rakhine	Ann	Let Khwar Tway	MMR012014010	n/a		94
4	4-1	Rakhine	Ann	Myanmar Boke Chaung	MMR012014011	n/a		89
4	4-1	Rakhine	Ann	Me Let Maung	MMR012014012	n/a		99
4	4-1	Rakhine	Ann	Hmwar	MMR012014013	n/a		74
4	4-1	Rakhine	Ann	Nyaung Chaung	MMR012014014	n/a		90
4	4-1	Rakhine	Ann	Nwar Von Taung	MMR012014015	n/a		95
4	4-1	Rakhine	Ann	Pon Na Wa	MMR012014016	n/a		88
4	4-1	Rakhine	Ann	Hpet Chaung	MMR012014017	n/a		92
4	4-1	Rakhine	Ann	Yu	MMR012014018	n/a		91
4	4-1	Rakhine	Ann	Sat Si	MMR012014019	n/a		100
4	4-1	Rakhine	Ann	Sa Khan Maw	MMR012014020	n/a		97
4	4-1	Rakhine	Ann	Sa Ne	MMR012014021	n/a		46

Lot	Sub-Lot	State/Region	Township	Village tract GIS LIST	VT_Code	Match Census file	Village Tract CENSUS LIST	Approx. % Geog. area covered
4	4-1	Rakhine	Ann	Da Let	MMR012014022	n/a		16
4	4-1	Rakhine	Ann	Thar Si	MMR012014023	n/a		91
4	4-1	Rakhine	Ann	Taik Maw	MMR012014024	n/a		87
4	4-1	Rakhine	Ann	Tan Tin	MMR012014025	n/a		82
4	4-1	Rakhine	Ann	Taung Hpi Lar	MMR012014026	n/a		95
4	4-1	Rakhine	Ann	Yae Boke	MMR012014027	n/a		91
4	4-1	Rakhine	Ann	Kyauk Myaung	MMR012014028	n/a		92
4	4-1	Rakhine	Ann	Zin Taw	MMR012014029	n/a		96
4	4-1	Rakhine	Ann	Auk	MMR012014002	n/a		100