

Annexe 7.A

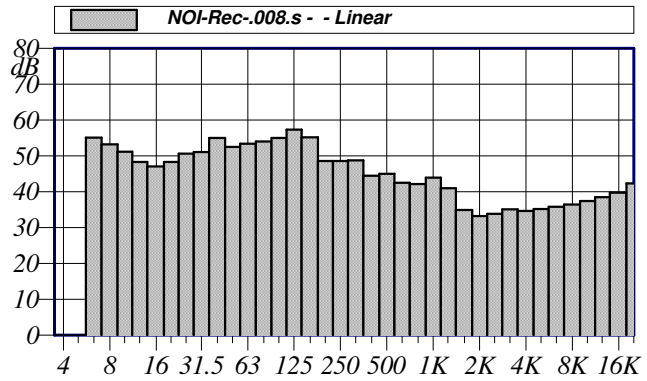
Résultats des mesures de bruit

Measure ID: NOI-Rec-.008.s
Location: Tanéné railroad crossing (B09)
SLM Analyzer: LxT1 0002565
Duration [s]: 4041.0
Date, time: 28/09/2016 12:31:58

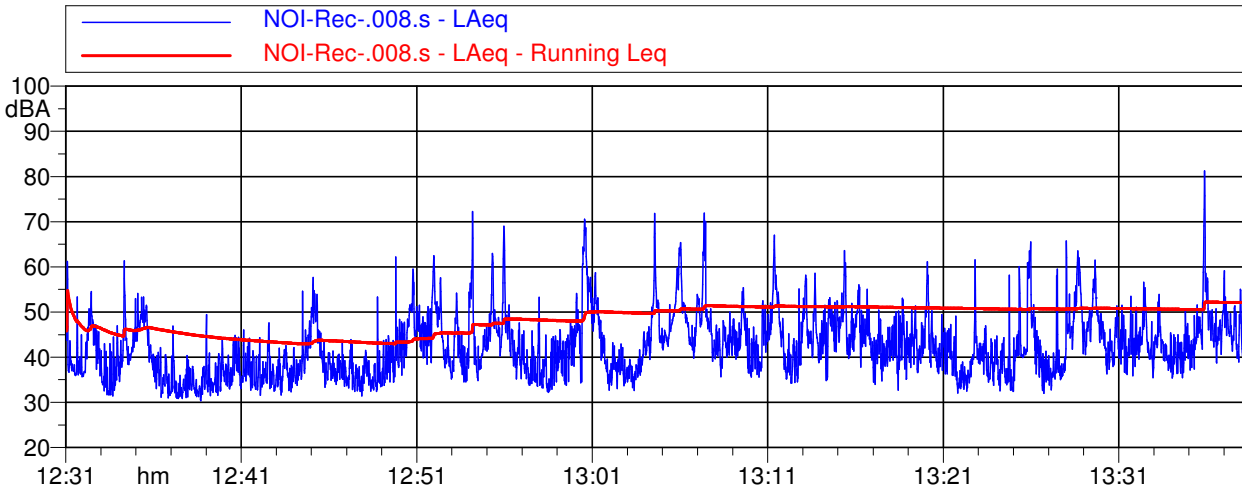
NOI-Rec-.008.s - Linear					
dB		dB		dB	
6.3 Hz	55.1 dB	100 Hz	55.0 dB	1600 Hz	34.9 dB
8 Hz	53.2 dB	125 Hz	57.4 dB	2000 Hz	33.3 dB
10 Hz	51.2 dB	160 Hz	55.2 dB	2500 Hz	33.9 dB
12.5 Hz	48.4 dB	200 Hz	48.6 dB	3150 Hz	35.1 dB
16 Hz	47.1 dB	250 Hz	48.6 dB	4000 Hz	34.7 dB
20 Hz	48.3 dB	315 Hz	48.8 dB	5000 Hz	35.2 dB
25 Hz	50.6 dB	400 Hz	44.5 dB	6300 Hz	35.9 dB
31.5 Hz	51.1 dB	500 Hz	45.1 dB	8000 Hz	36.5 dB
40 Hz	55.1 dB	630 Hz	42.5 dB	10000 Hz	37.5 dB
50 Hz	52.5 dB	800 Hz	42.2 dB	12500 Hz	38.5 dB
63 Hz	53.4 dB	1000 Hz	43.9 dB	16000 Hz	39.7 dB
80 Hz	54.1 dB	1250 Hz	41.0 dB	20000 Hz	42.4 dB

L1: 63.5 dBA L5: 54.9 dBA
 L10: 51.1 dBA L50: 41.6 dBA
 L90: 34.6 dBA L95: 33.5 dBA

$L_{Aeq} = 52.1$ dB **$L_{AFmin} = 30.1$ dB**
 $L_{AFmax} = 83.5$ dB



Annotation:



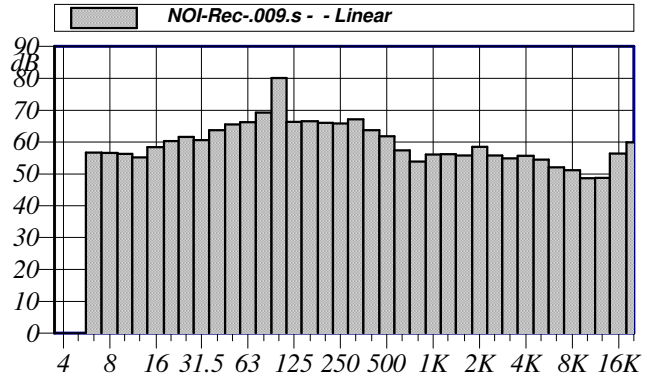
NOI-Rec-.008.s LAeq			
Name	Start	Duration	Leq
Total	12:31	01:07:21	52.1 dBA
Unmasked	12:31	01:07:21	52.1 dBA
Masked		00:00:00	0.0 dBA

Measure ID: NOI-Rec-.009.s
Location: Tanéné railroad crossing (B09)
SLM Analyzer: LxT1 0002565
Duration [s]: 14885.0
Date, time: 29/09/2016 09:08:08

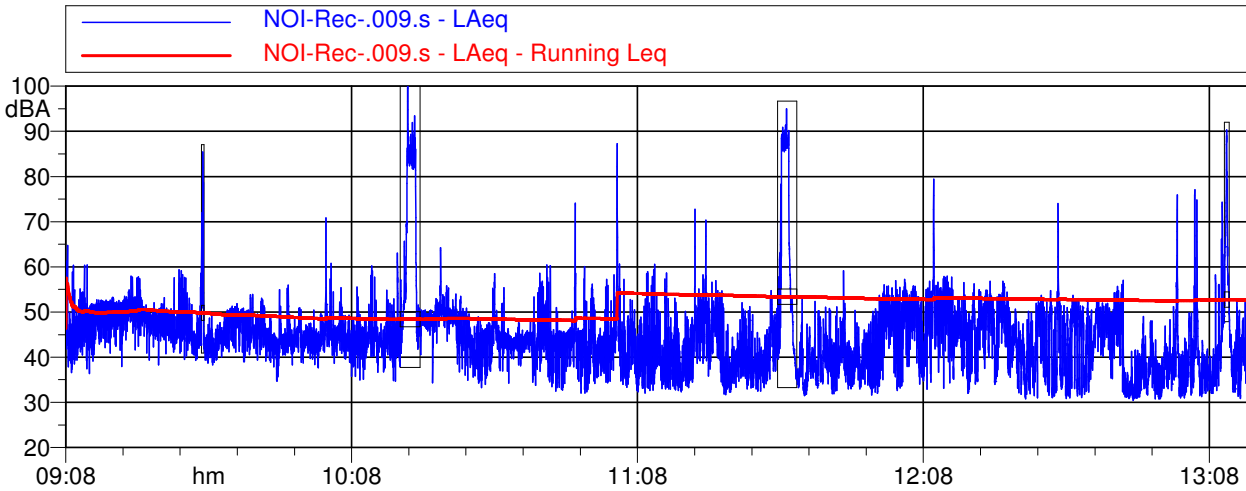
L1: 57.3 dBA L5: 52.7 dBA
 L10: 51.1 dBA L50: 44.1 dBA
 L90: 35.7 dBA L95: 34.0 dBA

$L_{Aeq} = 52.7$ dB **$L_{AFmin} = 30.1$ dB**
 $L_{AFmax} = 102$ dB

NOI-Rec-.009.s - Linear					
dB		dB		dB	
6.3 Hz	56.6 dB	100 Hz	80.0 dB	1600 Hz	55.7 dB
8 Hz	56.6 dB	125 Hz	66.3 dB	2000 Hz	58.5 dB
10 Hz	56.3 dB	160 Hz	66.5 dB	2500 Hz	55.7 dB
12.5 Hz	55.2 dB	200 Hz	66.0 dB	3150 Hz	54.9 dB
16 Hz	58.4 dB	250 Hz	65.8 dB	4000 Hz	55.7 dB
20 Hz	60.4 dB	315 Hz	67.2 dB	5000 Hz	54.5 dB
25 Hz	61.6 dB	400 Hz	63.7 dB	6300 Hz	52.1 dB
31.5 Hz	60.6 dB	500 Hz	61.8 dB	8000 Hz	51.2 dB
40 Hz	63.7 dB	630 Hz	57.4 dB	10000 Hz	48.6 dB
50 Hz	65.5 dB	800 Hz	53.9 dB	12500 Hz	48.7 dB
63 Hz	66.3 dB	1000 Hz	56.1 dB	16000 Hz	56.4 dB
80 Hz	69.3 dB	1250 Hz	56.2 dB	20000 Hz	59.9 dB



Annotation:



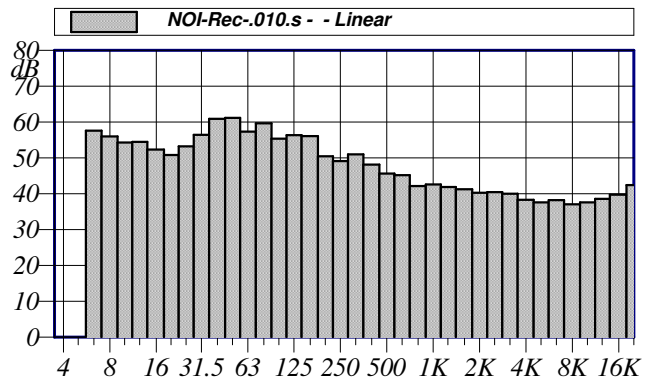
NOI-Rec-.009.s LAeq			
Name	Start	Duration	Leq
<i>Total</i>	09:08	04:08:05	70.0 dBA
<i>Unmasked</i>	09:08	03:58:19	52.7 dBA
<i>Masked</i>	09:36	00:09:46	83.9 dBA
<i>Car</i>	09:36	00:00:33	74.6 dBA
<i>Full train</i>	10:18	00:04:11	85.0 dBA
<i>Empty train</i>	11:37	00:04:01	84.0 dBA
<i>Passenger train</i>	13:11	00:01:01	79.0 dBA

Measure ID: NOI-Rec-.010.s
Location: Boké station (B08)
SLM Analyzer: LxT1 0002565
Duration [s]: 11045.0
Date, time: 30/09/2016 09:55:27

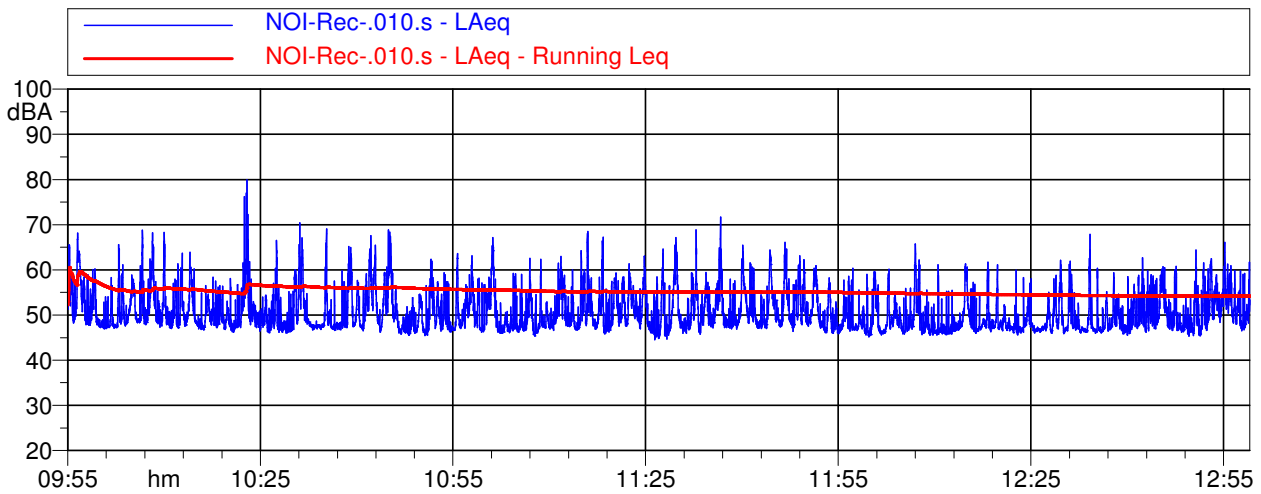
NOI-Rec-.010.s - Linear					
dB		dB		dB	
6.3 Hz	57.7 dB	100 Hz	55.4 dB	1600 Hz	41.3 dB
8 Hz	56.0 dB	125 Hz	56.4 dB	2000 Hz	40.3 dB
10 Hz	54.4 dB	160 Hz	56.1 dB	2500 Hz	40.5 dB
12.5 Hz	54.5 dB	200 Hz	50.5 dB	3150 Hz	40.0 dB
16 Hz	52.4 dB	250 Hz	49.2 dB	4000 Hz	38.4 dB
20 Hz	50.8 dB	315 Hz	51.0 dB	5000 Hz	37.6 dB
25 Hz	53.2 dB	400 Hz	48.2 dB	6300 Hz	38.2 dB
31.5 Hz	56.5 dB	500 Hz	45.6 dB	8000 Hz	37.1 dB
40 Hz	60.9 dB	630 Hz	45.2 dB	10000 Hz	37.7 dB
50 Hz	61.2 dB	800 Hz	42.2 dB	12500 Hz	38.6 dB
63 Hz	57.4 dB	1000 Hz	42.6 dB	16000 Hz	39.8 dB
80 Hz	59.6 dB	1250 Hz	41.9 dB	20000 Hz	42.5 dB

L1: 64.1 dBA L5: 59.5 dBA
 L10: 57.2 dBA L50: 49.0 dBA
 L90: 46.7 dBA L95: 46.3 dBA

$L_{Aeq} = 54.2$ dB **$L_{AFmin} = 44.2$ dB**
 $L_{AFmax} = 86.2$ dB



Annotation:



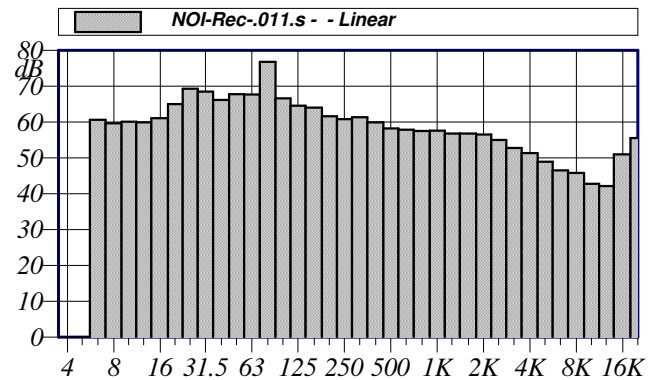
NOI-Rec-.010.s LAeq			
Name	Start	Duration	Leq
Total	09:55	03:04:05	54.2 dBA
Unmasked	09:55	03:04:05	54.2 dBA
Masked		00:00:00	0.0 dBA

Measure ID: NOI-Rec-.011.s
Location: Kolaboui station (B07)
SLM Analyzer: LxT1 0002565
Duration [s]: 7208.0
Date, time: 02/10/2016 10:37:15

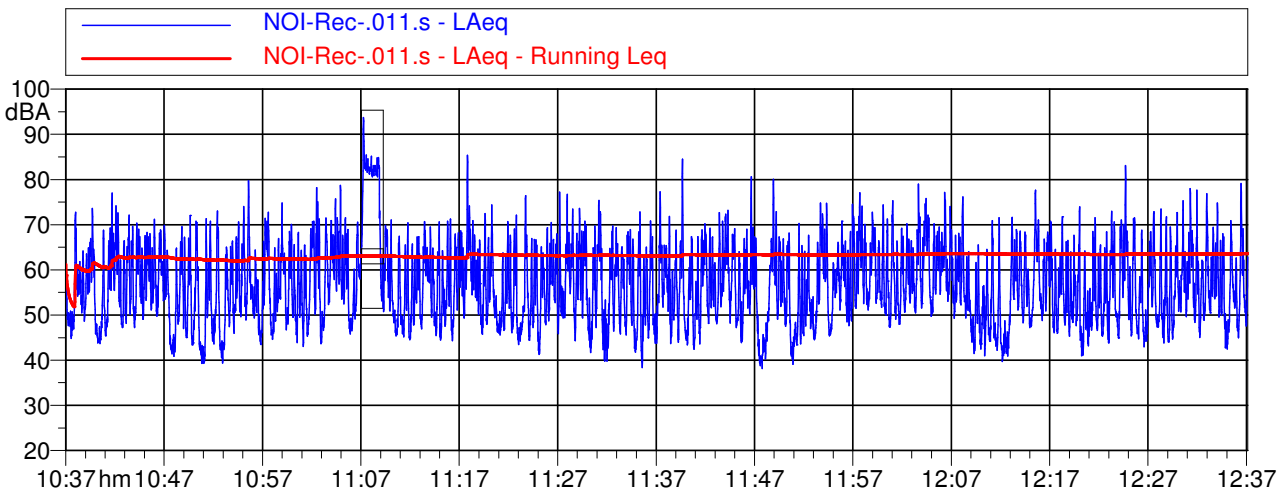
NOI-Rec-.011.s - Linear					
dB		dB		dB	
6.3 Hz	60.6 dB	100 Hz	66.6 dB	1600 Hz	56.8 dB
8 Hz	59.6 dB	125 Hz	64.6 dB	2000 Hz	56.5 dB
10 Hz	60.1 dB	160 Hz	64.1 dB	2500 Hz	55.1 dB
12.5 Hz	60.0 dB	200 Hz	61.7 dB	3150 Hz	52.8 dB
16 Hz	61.1 dB	250 Hz	60.8 dB	4000 Hz	51.4 dB
20 Hz	65.1 dB	315 Hz	61.4 dB	5000 Hz	48.9 dB
25 Hz	69.3 dB	400 Hz	59.9 dB	6300 Hz	46.5 dB
31.5 Hz	68.6 dB	500 Hz	58.3 dB	8000 Hz	45.8 dB
40 Hz	66.2 dB	630 Hz	57.9 dB	10000 Hz	42.8 dB
50 Hz	67.8 dB	800 Hz	57.6 dB	12500 Hz	42.2 dB
63 Hz	67.7 dB	1000 Hz	57.6 dB	16000 Hz	51.0 dB
80 Hz	76.9 dB	1250 Hz	56.8 dB	20000 Hz	55.6 dB

L1: 74.3 dBA L5: 69.3 dBA
 L10: 67.1 dBA L50: 55.7 dBA
 L90: 46.0 dBA L95: 44.2 dBA

L_{Aeq} = 63.6 dB **L_{AFmin} = 36.8 dB**
L_{AFmax} = 95.3 dB



Annotation:



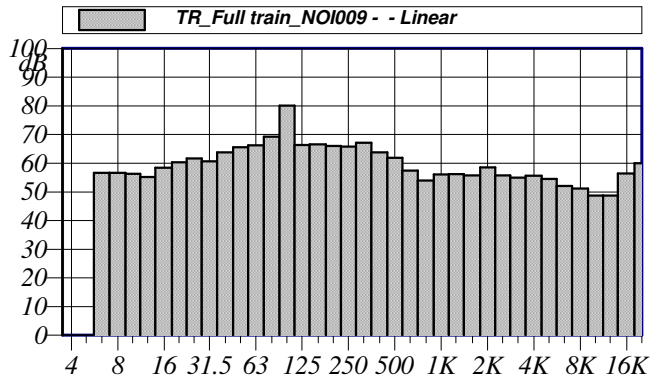
NOI-Rec-.011.s LAeq			
Name	Start	Duration	Leq
<i>Total</i>	10:37	02:00:08	67.7 dBA
<i>Unmasked</i>	10:37	01:57:56	63.6 dBA
<i>Masked</i>	11:07	00:02:12	83.1 dBA
<i>Empty train</i>	11:07	00:02:12	83.1 dBA

Measure ID: TR_Full train_NOI009
Location: Tanéné railroad crossing (B09)
SLM Analyzer: LxT1 0002565
Duration [s]: 250.0
Date, time: 29/09/2016 10:18:20

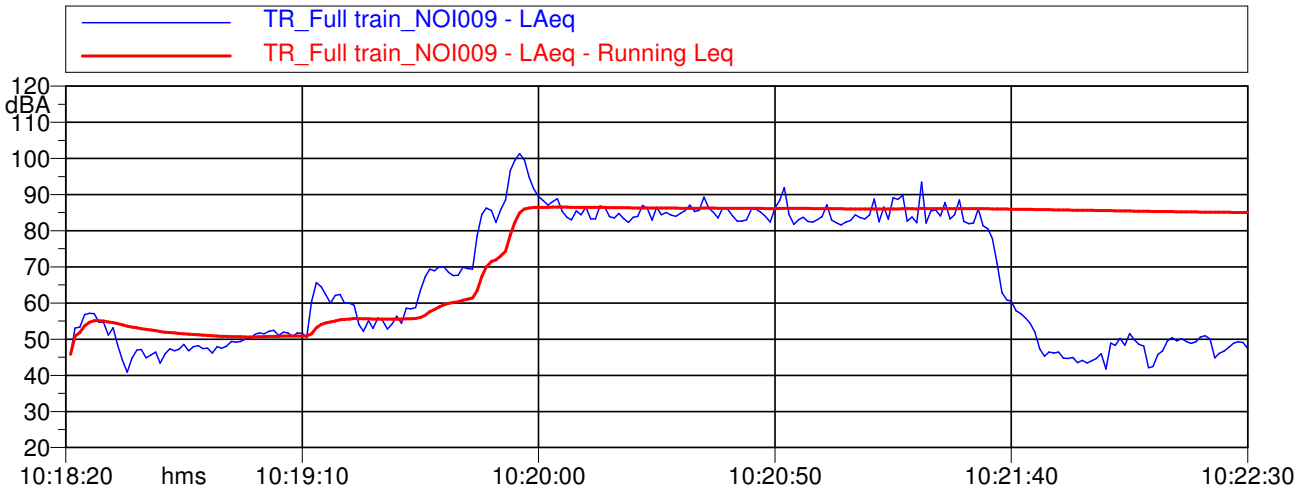
TR_Full train_NOI009 - Linear					
dB		dB		dB	
6.3 Hz	56.6 dB	100 Hz	80.0 dB	1600 Hz	55.7 dB
8 Hz	56.6 dB	125 Hz	66.3 dB	2000 Hz	58.5 dB
10 Hz	56.3 dB	160 Hz	66.5 dB	2500 Hz	55.7 dB
12.5 Hz	55.2 dB	200 Hz	66.0 dB	3150 Hz	54.9 dB
16 Hz	58.4 dB	250 Hz	65.8 dB	4000 Hz	55.7 dB
20 Hz	60.4 dB	315 Hz	67.2 dB	5000 Hz	54.5 dB
25 Hz	61.6 dB	400 Hz	63.7 dB	6300 Hz	52.1 dB
31.5 Hz	60.6 dB	500 Hz	61.8 dB	8000 Hz	51.2 dB
40 Hz	63.7 dB	630 Hz	57.4 dB	10000 Hz	48.6 dB
50 Hz	65.5 dB	800 Hz	53.9 dB	12500 Hz	48.7 dB
63 Hz	66.3 dB	1000 Hz	56.1 dB	16000 Hz	56.4 dB
80 Hz	69.3 dB	1250 Hz	56.2 dB	20000 Hz	59.9 dB

L1: 98.1 dBA L5: 88.8 dBA
 L10: 86.8 dBA L50: 63.2 dBA
 L90: 46.2 dBA L95: 44.7 dBA

L_{Aeq} = 85.0 dB **L_{AFmin} = 35.3 dB**
L_{AFmax} = 102 dB



Annotation:



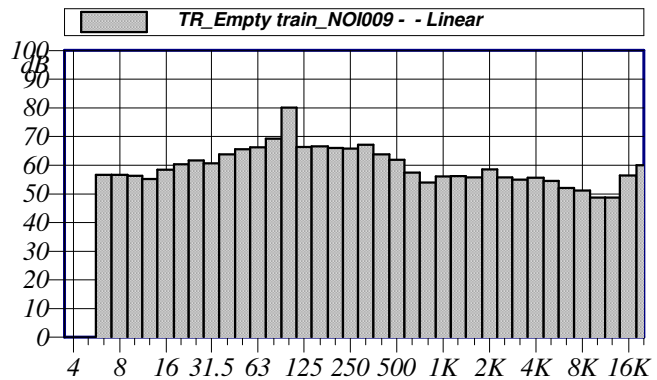
TR_Full train_NOI009 LAeq			
Name	Start	Duration	Leq
Total	10:18:21	00:04:10	85.0 dBA
Unmasked	10:18:21	00:04:10	85.0 dBA
Masked		00:00:00	0.0 dBA

Measure ID: TR_Empty train_NOI009
Location: Tanéné railroad crossing (B09)
SLM Analyzer: LxT1 0002565
Duration [s]: 240.0
Date, time: 29/09/2016 11:37:35

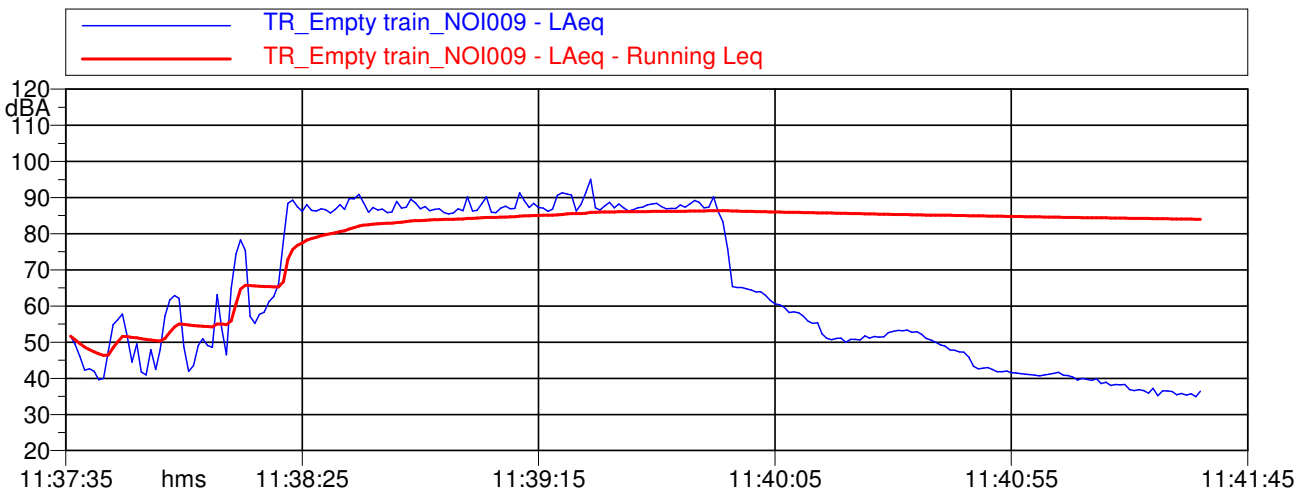
TR_Empty train_NOI009 - Linear					
dB		dB		dB	
6.3 Hz	56.6 dB	100 Hz	80.0 dB	1600 Hz	55.7 dB
8 Hz	56.6 dB	125 Hz	66.3 dB	2000 Hz	58.5 dB
10 Hz	56.3 dB	160 Hz	66.5 dB	2500 Hz	55.7 dB
12.5 Hz	55.2 dB	200 Hz	66.0 dB	3150 Hz	54.9 dB
16 Hz	58.4 dB	250 Hz	65.8 dB	4000 Hz	55.7 dB
20 Hz	60.4 dB	315 Hz	67.2 dB	5000 Hz	54.5 dB
25 Hz	61.6 dB	400 Hz	63.7 dB	6300 Hz	52.1 dB
31.5 Hz	60.6 dB	500 Hz	61.8 dB	8000 Hz	51.2 dB
40 Hz	63.7 dB	630 Hz	57.4 dB	10000 Hz	48.6 dB
50 Hz	65.5 dB	800 Hz	53.9 dB	12500 Hz	48.7 dB
63 Hz	66.3 dB	1000 Hz	56.1 dB	16000 Hz	56.4 dB
80 Hz	69.3 dB	1250 Hz	56.2 dB	20000 Hz	59.9 dB

L1: 91.4 dBA L5: 89.6 dBA
 L10: 88.4 dBA L50: 58.3 dBA
 L90: 39.6 dBA L95: 36.6 dBA

L_{Aeq} = 84.0 dB **L_{AFmin} = 33.9 dB**
L_{AFmax} = 98 dB



Annotation:



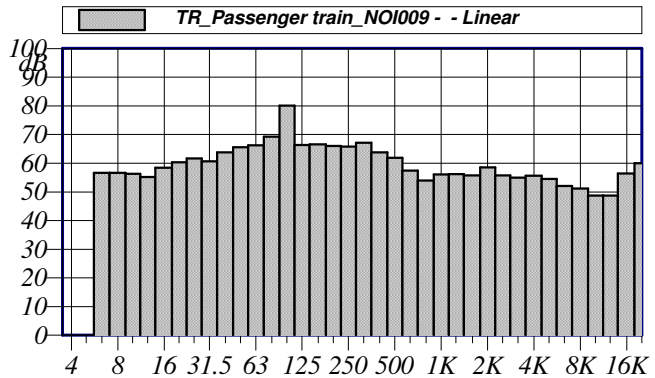
TR_Empty train_NOI009 LAeq			
Name	Start	Duration	Leq
Total	11:37:36	00:04:00	84.0 dBA
Unmasked	11:37:36	00:04:00	84.0 dBA
Masked		00:00:00	0.0 dBA

Measure ID: TR_Passenger train_NOI009
Location: Tanéné railroad crossing (B09)
SLM Analyzer: LxT1 0002565
Duration [s]: 60.0
Date, time: 29/09/2016 13:11:20

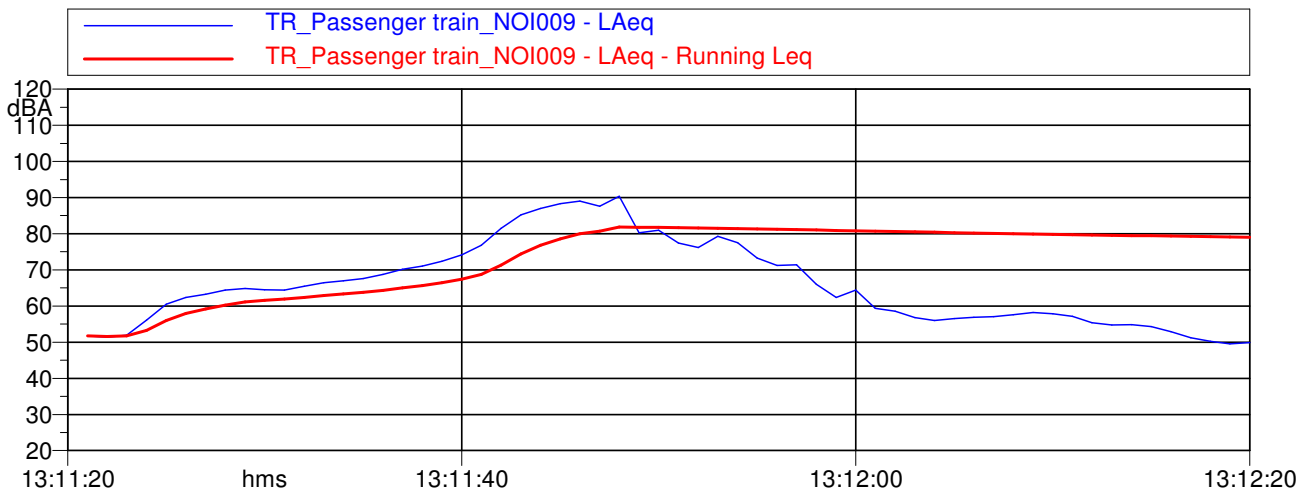
TR_Passenger train_NOI009 - Linear					
dB		dB		dB	
6.3 Hz	56.6 dB	100 Hz	80.0 dB	1600 Hz	55.7 dB
8 Hz	56.6 dB	125 Hz	66.3 dB	2000 Hz	58.5 dB
10 Hz	56.3 dB	160 Hz	66.5 dB	2500 Hz	55.7 dB
12.5 Hz	55.2 dB	200 Hz	66.0 dB	3150 Hz	54.9 dB
16 Hz	58.4 dB	250 Hz	65.8 dB	4000 Hz	55.7 dB
20 Hz	60.4 dB	315 Hz	67.2 dB	5000 Hz	54.5 dB
25 Hz	61.6 dB	400 Hz	63.7 dB	6300 Hz	52.1 dB
31.5 Hz	60.6 dB	500 Hz	61.8 dB	8000 Hz	51.2 dB
40 Hz	63.7 dB	630 Hz	57.4 dB	10000 Hz	48.6 dB
50 Hz	65.5 dB	800 Hz	53.9 dB	12500 Hz	48.7 dB
63 Hz	66.3 dB	1000 Hz	56.1 dB	16000 Hz	56.4 dB
80 Hz	69.3 dB	1250 Hz	56.2 dB	20000 Hz	59.9 dB

L1: 89.5 dBA L5: 87.6 dBA
 L10: 81.9 dBA L50: 64.4 dBA
 L90: 51.9 dBA L95: 51.2 dBA

L_{Aeq} = 79.0 dB **L_{AFmin} = 48.2 dB**
L_{AFmax} = 95 dB



Annotation:



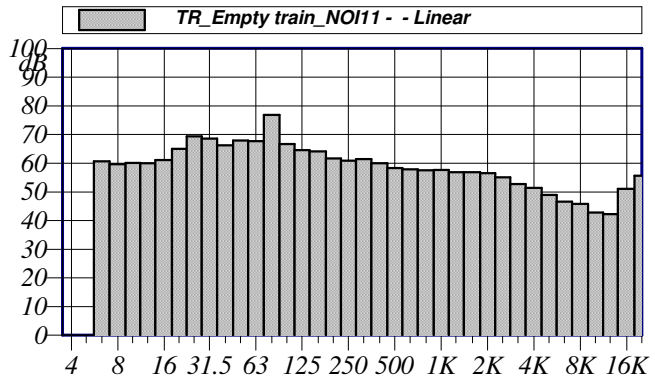
TR_Passenger train_NOI009 LAeq			
Name	Start	Duration	Leq
Total	13:11:21	00:01:00	79.0 dBA
Unmasked	13:11:21	00:01:00	79.0 dBA
Masked		00:00:00	0.0 dBA

Measure ID: TR_Empty train_NOI11
Location: Kolaboui station (B07)
SLM Analyzer: LxT1 0002565
Duration [s]: 131.0
Date, time: 02/10/2016 11:07:19

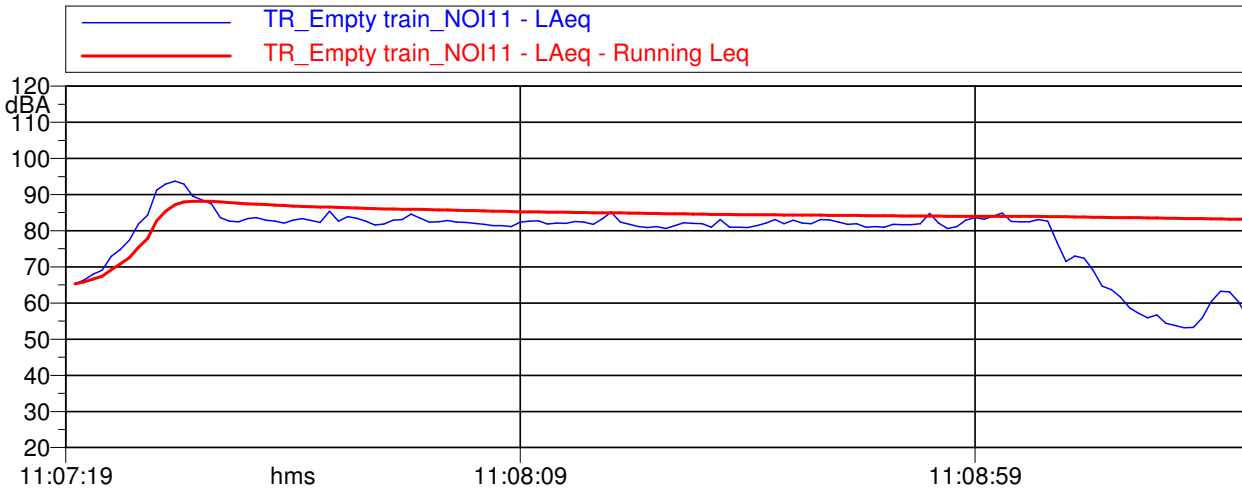
TR_Empty train_NOI11 - Linear					
dB		dB		dB	
6.3 Hz	60.6 dB	100 Hz	66.6 dB	1600 Hz	56.8 dB
8 Hz	59.6 dB	125 Hz	64.6 dB	2000 Hz	56.5 dB
10 Hz	60.1 dB	160 Hz	64.1 dB	2500 Hz	55.1 dB
12.5 Hz	60.0 dB	200 Hz	61.7 dB	3150 Hz	52.8 dB
16 Hz	61.1 dB	250 Hz	60.8 dB	4000 Hz	51.4 dB
20 Hz	65.1 dB	315 Hz	61.4 dB	5000 Hz	48.9 dB
25 Hz	69.3 dB	400 Hz	59.9 dB	6300 Hz	46.5 dB
31.5 Hz	68.6 dB	500 Hz	58.3 dB	8000 Hz	45.8 dB
40 Hz	66.2 dB	630 Hz	57.9 dB	10000 Hz	42.8 dB
50 Hz	67.8 dB	800 Hz	57.6 dB	12500 Hz	42.2 dB
63 Hz	67.7 dB	1000 Hz	57.6 dB	16000 Hz	51.0 dB
80 Hz	76.9 dB	1250 Hz	56.8 dB	20000 Hz	55.6 dB

L1: 93.0 dBA L5: 86.4 dBA
 L10: 84.0 dBA L50: 82.0 dBA
 L90: 61.7 dBA L95: 55.9 dBA

L_{Aeq} = 83.1 dB **L_{AFmin} = 51.4 dB**
L_{AFmax} = 95 dB



Annotation:



TR_Empty train_NOI11 LAeq			
Name	Start	Duration	Leq
Total	11:07:20	00:02:11	83.1 dBA
Unmasked	11:07:20	00:02:11	83.1 dBA
Masked		00:00:00	0.0 dBA

Annexe 7.B

Résultats des mesures de
qualité des eaux de surface
et souterraines de
l'Addendum à l'EISE de
GAC (*ERM, 2015*)

Résumé des résultats de la qualité des eaux de surface

Paramètre	Unités	Seuil/ directive OMS	Saison sèche			Saison humide		
			Moyenne	Écart std.	Moyenne	Max.	Écart Max.	Max.
Aluminium (Al)	mg/l	0,2	0,01	0,01	0,03	0,07	0,04	0,14
Fer (Fe)	mg/l	0,3	0,15	0,07	0,27	0,46	0,28	1,10
Manganèse (Mn)	mg/l	0,1	0,00	0,00	0,00	0,02	0,03	0,09
Zinc (Zn)	mg/l	3,0	0,00	0,00	0,01	0,00	0,01	0,05
Calcium (Ca)	mg/l	-	0,46	0,13	0,60	0,75	0,48	1,80
Chlorure (Cl)	mg/l	5	0,56	0,28	1,10	1,08	1,53	6,70
Magnésium (Mg)	mg/l	-	0,24	0,08	0,30	0,37	0,22	0,90
Matières en suspension (MES)	mg/l	-	10,00	0,00	10,00	3,88	2,96	10,00
Sulfates (SO ₄)	mg/l	250	0,56	0,46	2,36	0,25	0,34	1,40
Conductivité électrique à 25 °C	µS/cm	-	29,92	5,87	53,00	13,42	8,86	33,90
Total des Solides Dissous (TSD)	mg/l	1200	10,17	0,56	12,00	10,91	8,00	27,00
Nitrates NO ₃	mg/l	10	0,63	0,42	2,60			
Alcalinité totale CaCO ₃	mg/l	-	38,50	11,93	56,00	20,00	0,00	20,00
Conductivité In Situ à 25 °C	µS/cm	-	9,24	5,03	31,90	8,54	2,76	20,09
Turbidité In Situ	uTN	5	1,36	0,57	2,33	2,15	1,21	4,90
OD In Situ	mg/l	-	7,49	0,62	8,46	6,73	0,88	8,25
Redox In Situ	mV	-	354,07	10,01	373,11	367,01	95,71	486,95

Note : Les données présentées proviennent de 2004-2007 et de 2015. Seules les limites de détection excédant les paramètres ci-dessus sont indiquées. Le tableau complet affichant tous les paramètres analysés figure en Annexe 6.3A du rapport d'Addendum de l'ESIE de GAC (ERM, 2015).

Résumé des résultats de la qualité des eaux souterraines

Paramètres	Unités	Directives de l'Organisation mondiale de la santé pour l'eau de boisson		Puits traditionnels			Sources			Puits de suivi			PMH		
		Critères esthétiques	Critères d'hygiène	Moyenne	SD	Max.	Moyenne	SD	Max.	Moyenne	SD	Max.	Moyenne	SD	Max.
Conductivité	µS/cm	-	-	19,2	12,7	56,0	30,7	3,8	36,0	45,0	52,5	282,0	119,3	60,7	210,0
TSD	mg/L	1200	-	10,6	5,0	25,0	5,0	0,0	5,0	15,7	8,4	38,6	75,5	38,2	128,0
MES	mg/L	-	-	38	70	220	5	0	5	604	392	930	5	0	5
Calcium (Ca)	mg/L	-	-	1,2	2,3	17,0	0,4	0,1	0,5	5,7	5,5	23,0	9,0	5,7	17,3
Magnésium (Mg)	mg/L	-	-	0,5	0,6	4,2	0,2	0,0	0,2	1,8	1,5	8,5	6,6	4,9	14,5
Potassium (K)	mg/L	-	-	0,6	1,3	8,8	-	-	0,1	1,8	1,3	4,8	1,1	0,8	2,3
Sodium (Na)	mg/L	-	-	2,1	5,2	38,0	0,8	0,1	0,9	2,0	1,6	7,4	3,1	2,1	6,5
Aluminium (Al)	mg/L	0,2	-	0,4	2,1	15,0	0,04	0,003	0,04	2,4	3,8	18,0	0,004	0,002	0,01
Cuivre (Cu)	mg/L	1	2	0,001	0,017	0,110	-	-	0,002	0,018	0,033	0,140	0,006	0,007	0,018
Fer (Fe)	mg/L	0,3	-	0,81	3,15	18,00	-	-	0,002	4,34	6,60	29,00	0,02	0,02	0,04
Manganèse (Mn)	mg/L	0,1	0,4	0,012	0,009	0,054	0,004	0,002	0,005	0,132	0,131	0,620	0,025	0,015	0,051
Chlorure (Cl)	mg/L	250	5	1,20	0,71	3,50	0,45	0,03	0,50	0,79	0,40	1,60	1,23	0,83	2,10
Nitrates (N)	mg/L	-	50	2,57	9,80	57,00	0,31	0,41	0,90	1,11	5,20	30,00	5,13	4,53	9,70
Orthophosphates (P)	mg/L	-	-	0,02	0,07	0,06	-	-	0,06	-	-	-	0,06	0,00	0,06
Ammonium	mg/L	-	-	0,15	0,15	0,42	0,03	0,01	0,04	0,41	0,65	1,80	0,04	0,03	0,09
Sulfates (SO ₄)	mg/L	250	-	0,1	0,2	0,8	0,1	0,3	0,4	1,3	1,2	4,7	0,5	0,2	0,8
Coliformes fécaux	colonies/ml	-	0	2	0	2									
Streptocoques fécaux	colonies/ml	-	0	2	2	3									
Ratio de comptage	-	-	-	0,67	0,00	0,67									
Coliformes totaux	colonies/ml	-	0	1	1	2									
Total Flore mésophile (30°C)	colonies/ml	-	-	3300	300	3600									

Source : ERM (2015).
















Notes : Seuls les résultats obtenus pour les paramètres excédant les limites de détection sont indiqués. L'Annexe 6.3A contient une liste complète de tous les analytes


Annexe 7.C

Analyse des images
satellitaires à haute
définition autour du rail
entre Kamsar et le PK122



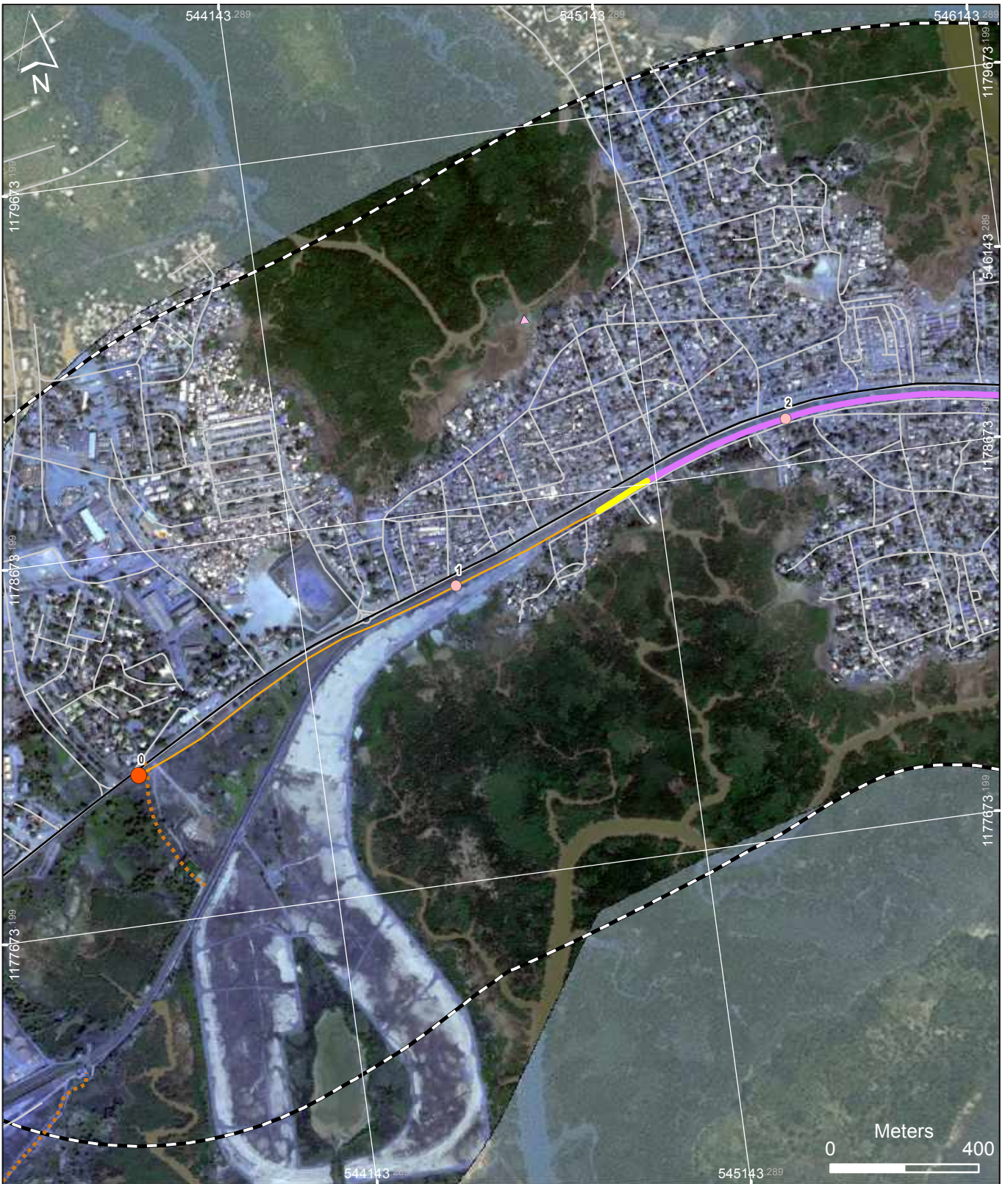
LEGEND


-  RAILWAY BUFFER (1000M PER SIDE)
-  MAIN SETTLEMENT
-  RAILWAY
-  KILOMETRIC POINT (KP)
-  CURRENT DOUBLE RAILWAY OR UNDER CONSTRUCTION
-  FUTURE DOUBLE RAILWAY - PHASE 1
-  FUTURE DOUBLE RAILWAY - PHASE 2
-  CURRENT TRIPLE RAILWAY
-  BRIDGE
-  LARGE BUILDING
-  NORMAL BUILDING
-  MAIN ROAD
-  MAIN TRACK
-  TRACK
-  MAPBOOK SHEET

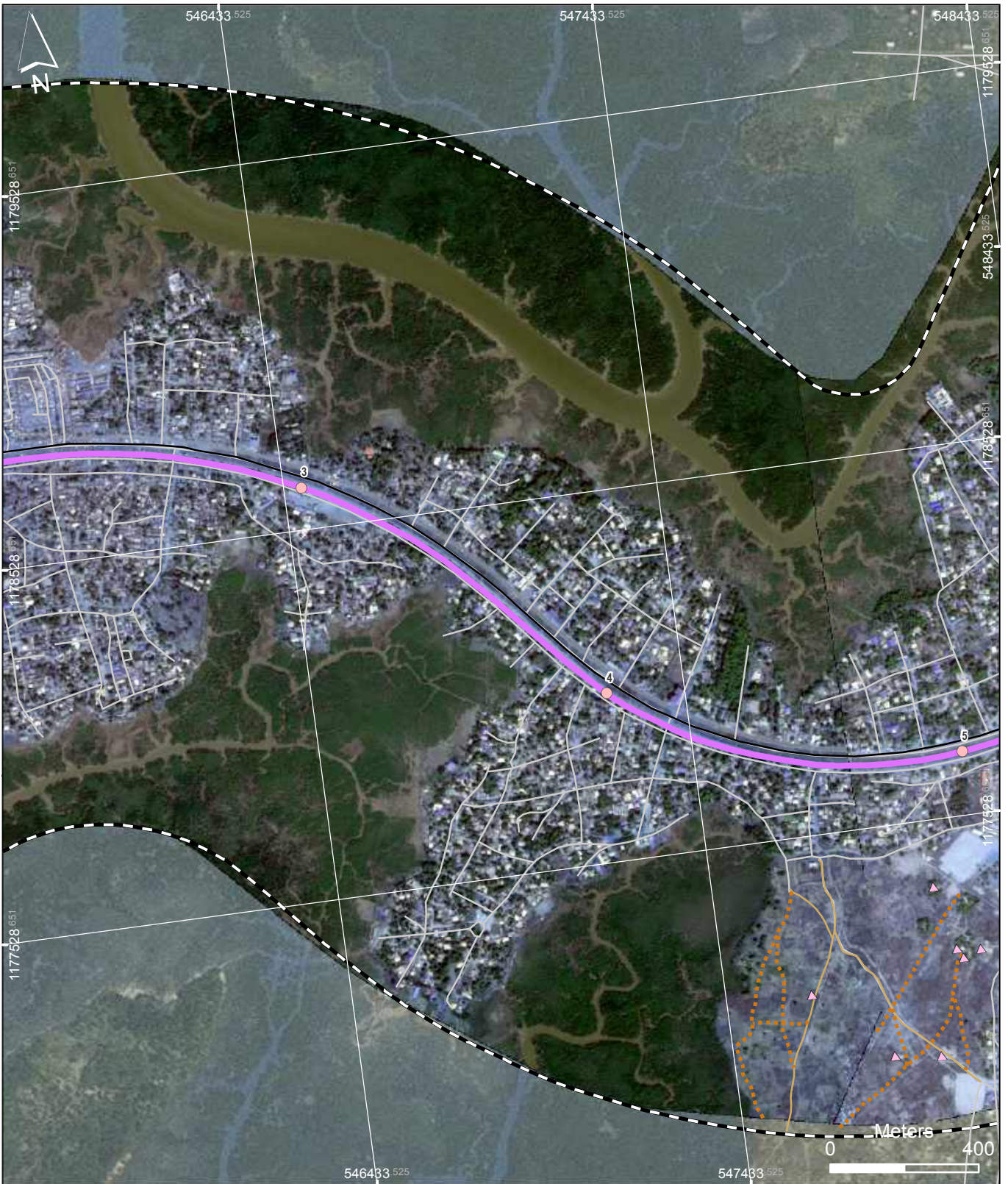
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AUTHOR	SIP	CHECK	EG
PJM	BV	REV	00
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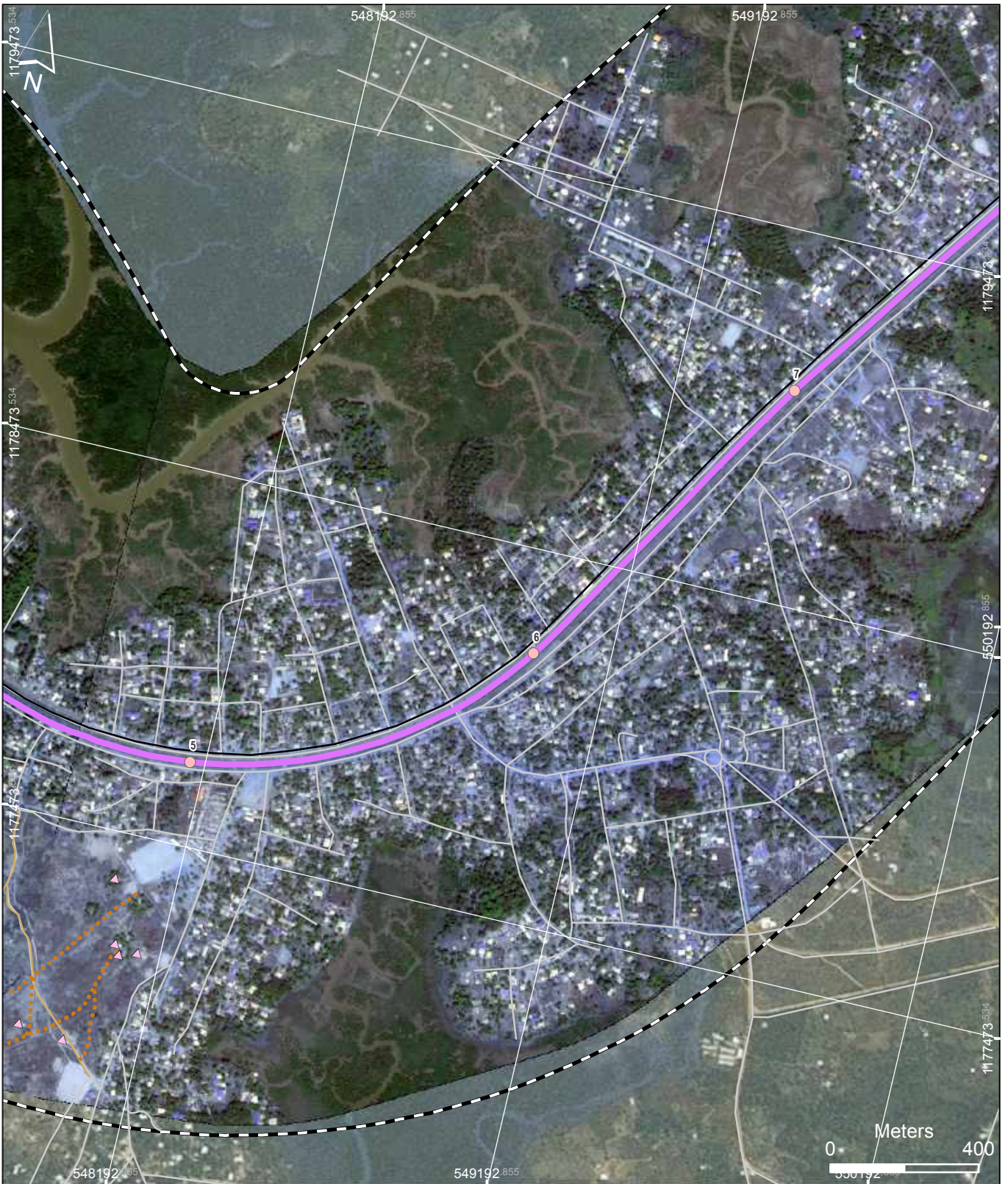
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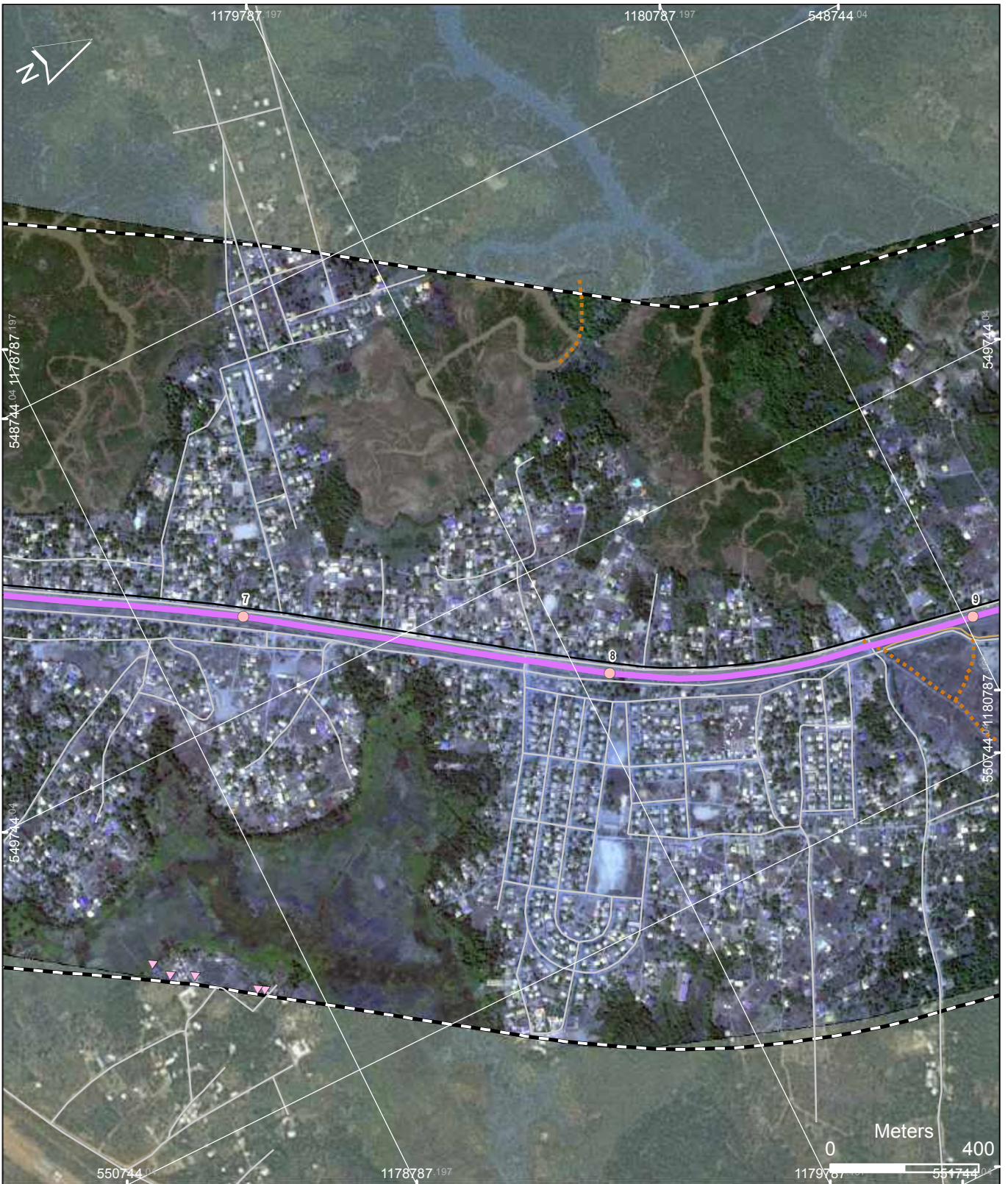
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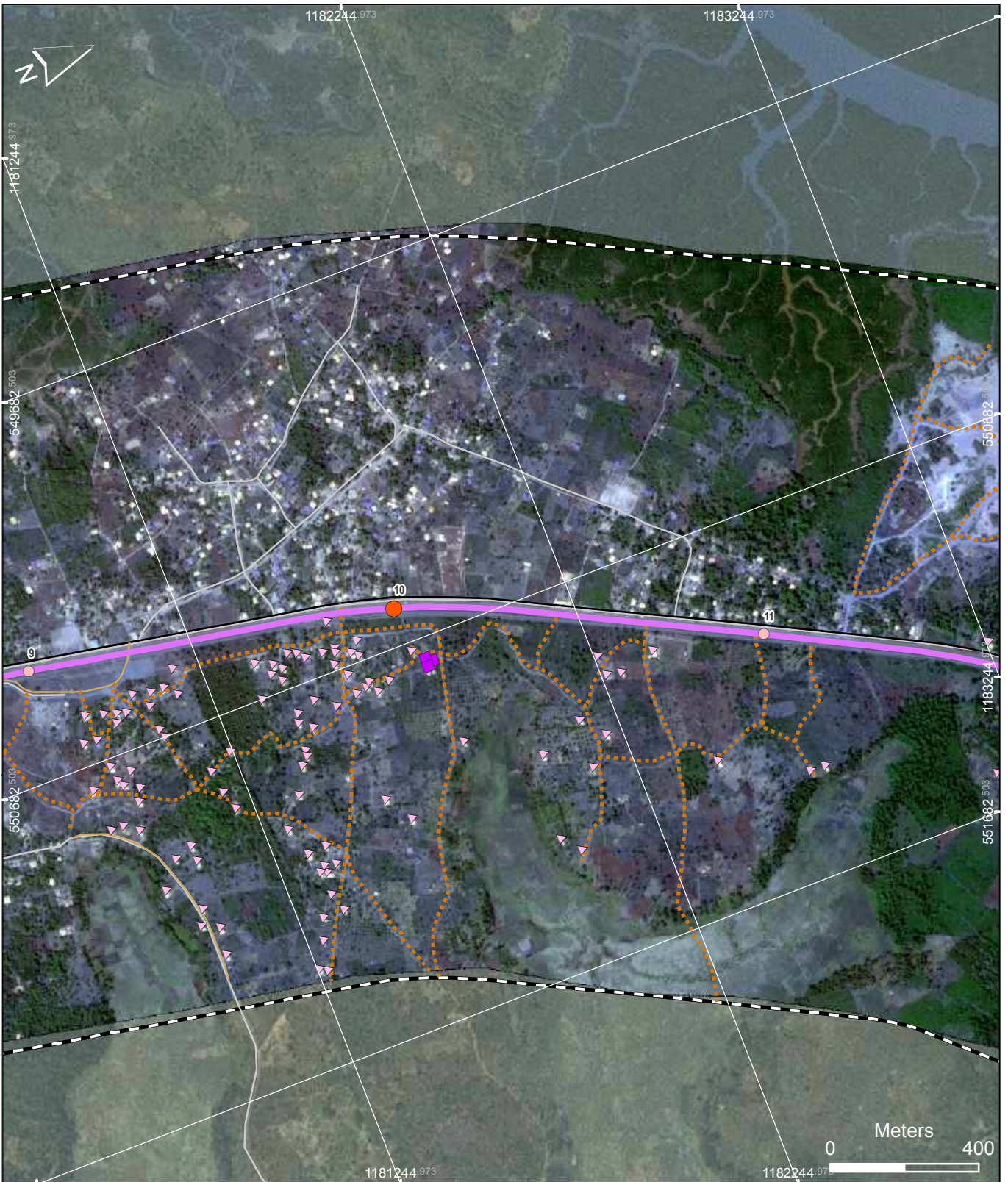
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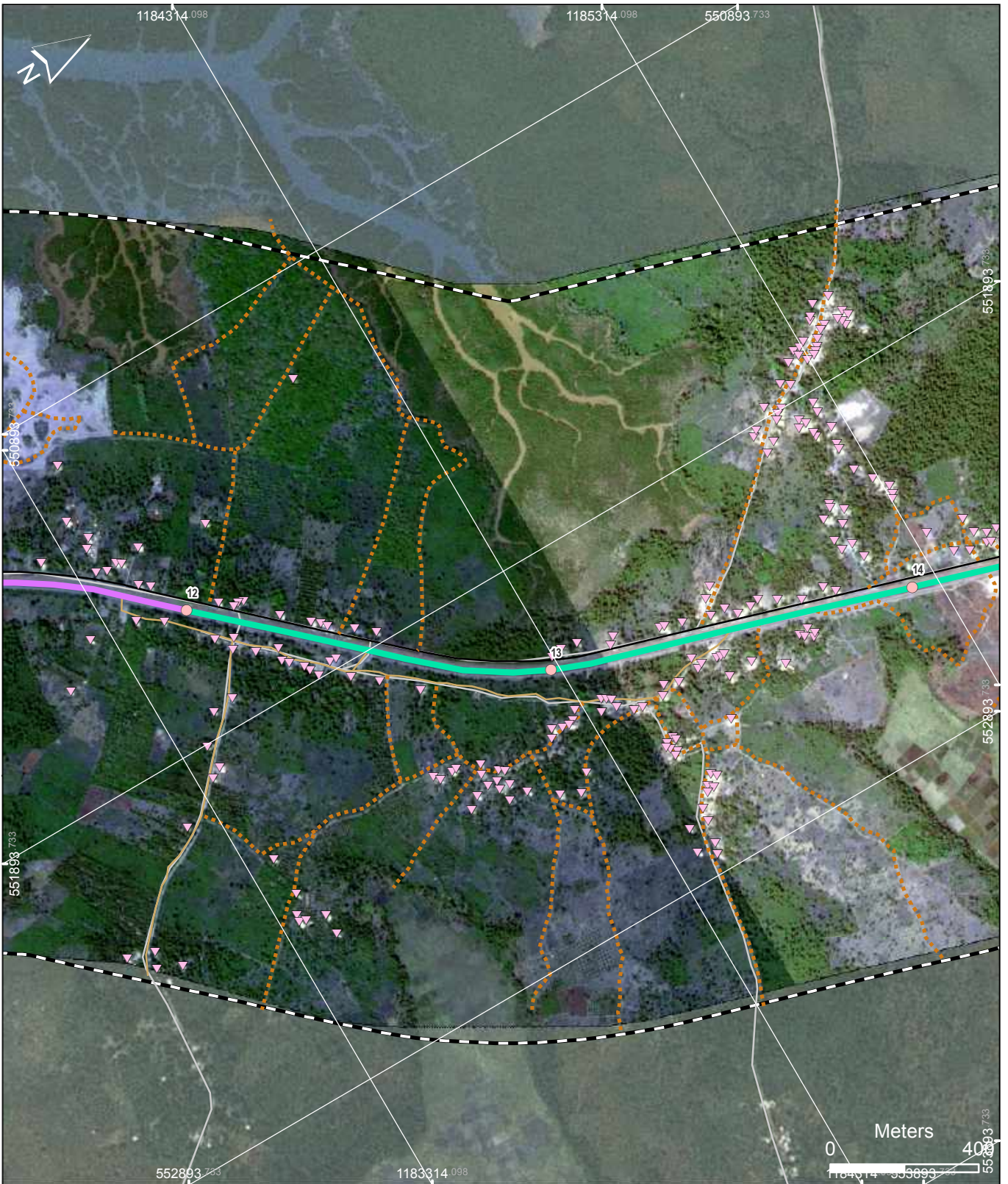
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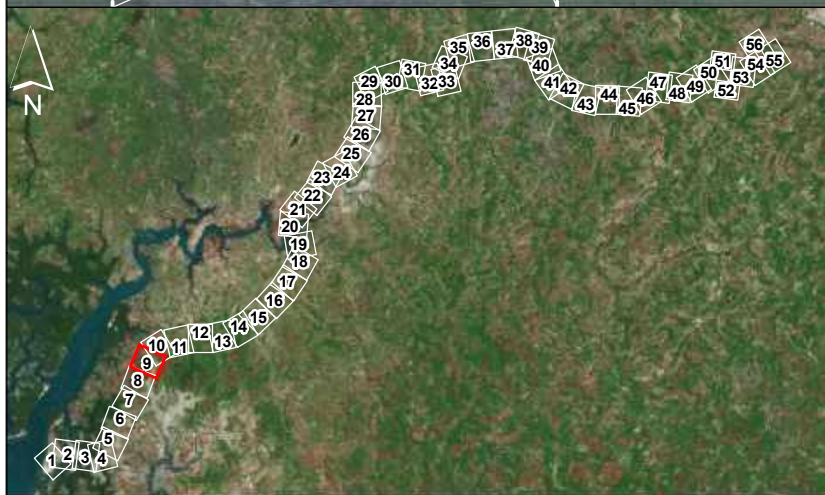
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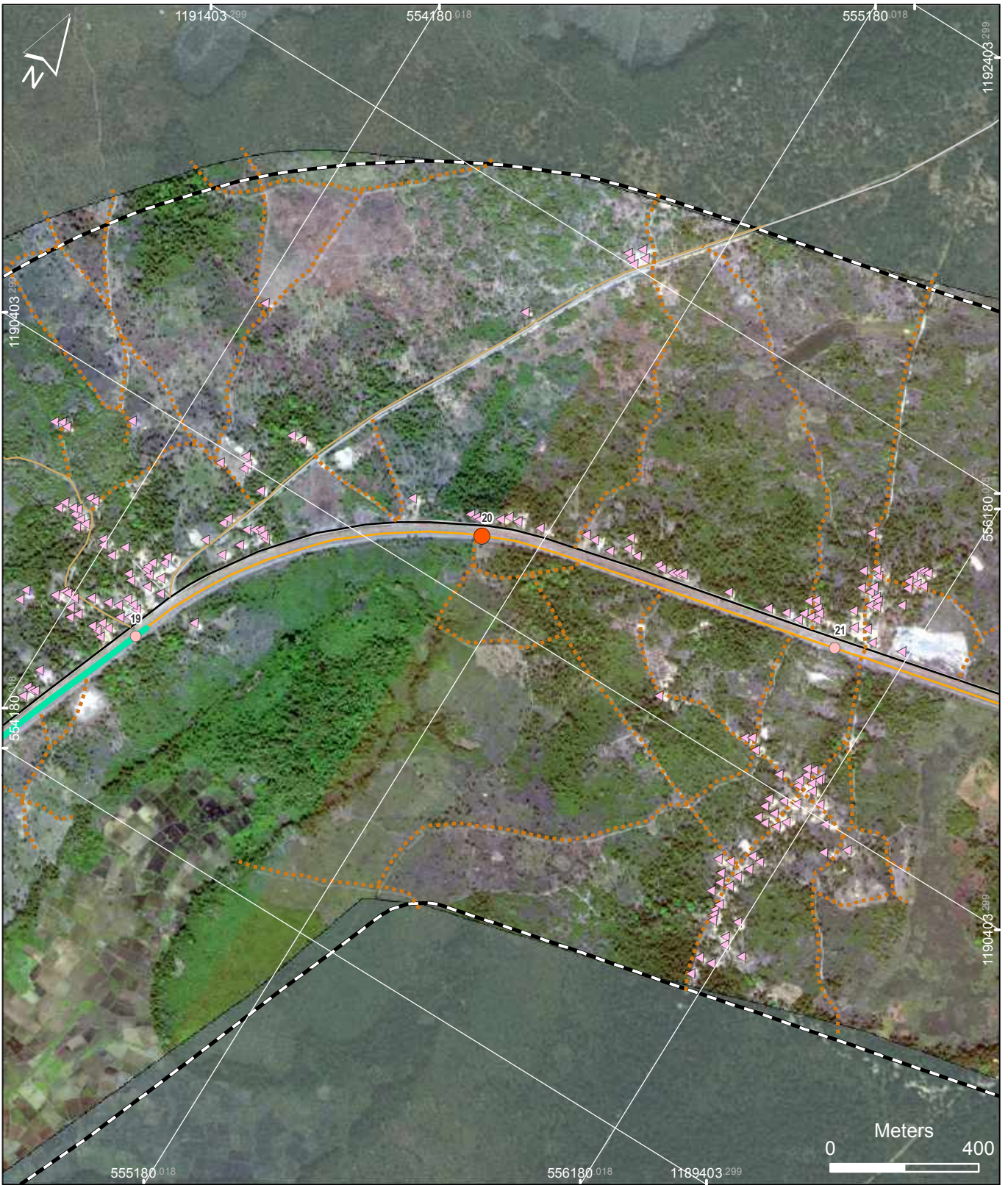
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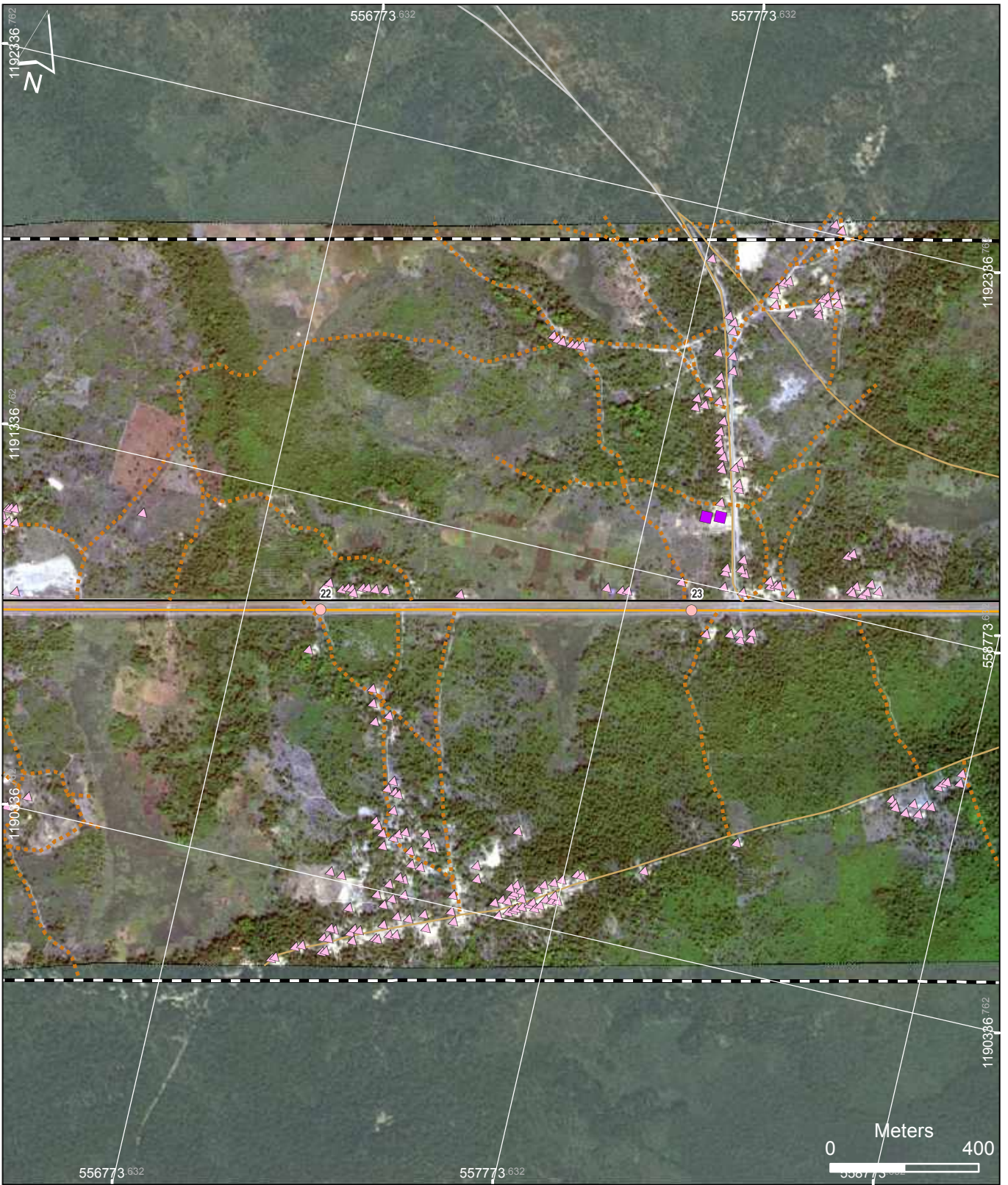
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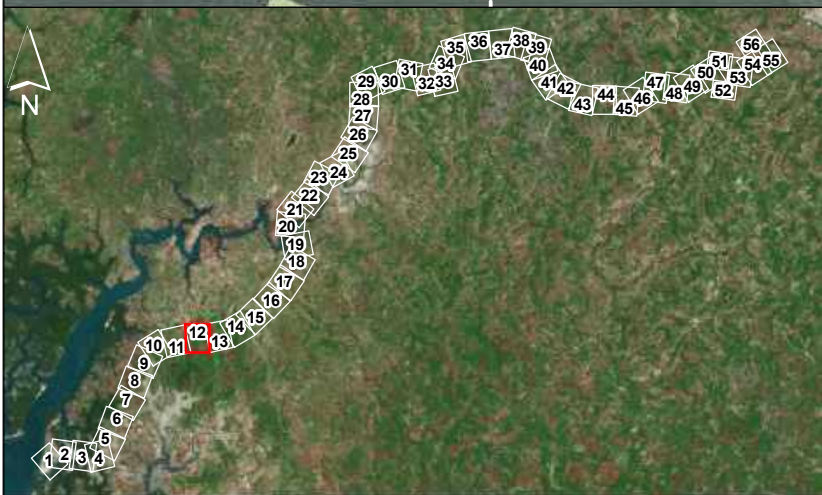
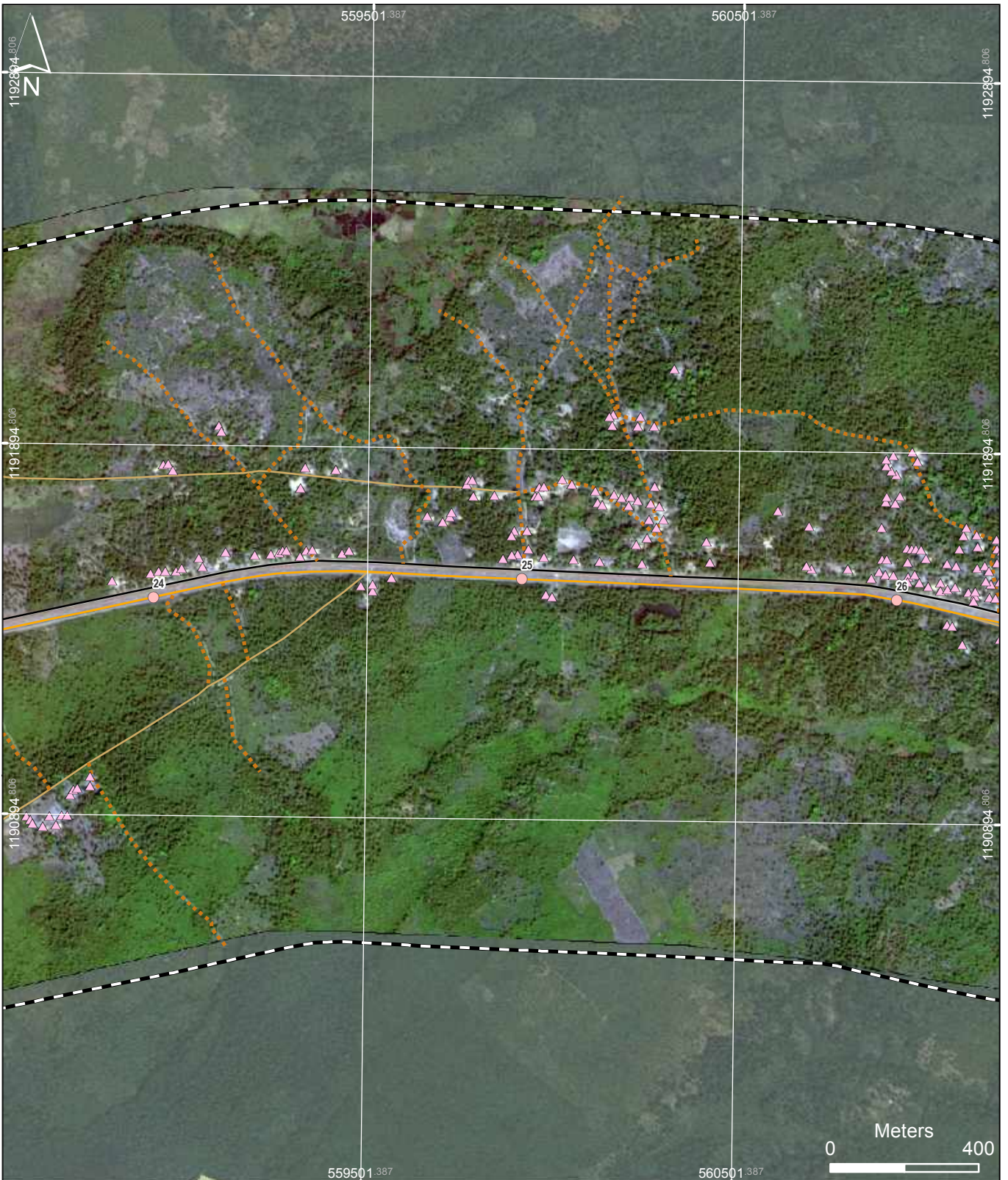
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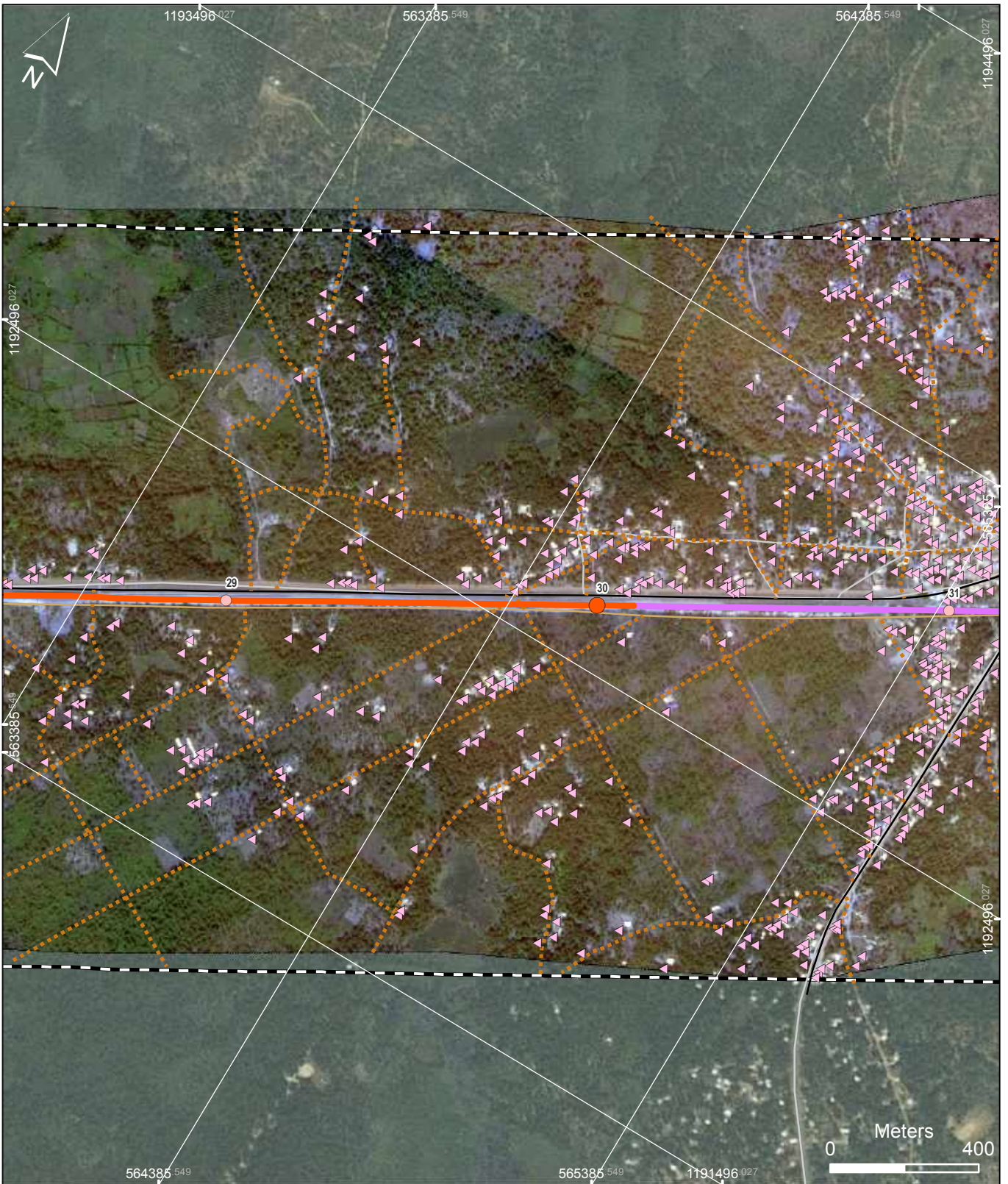
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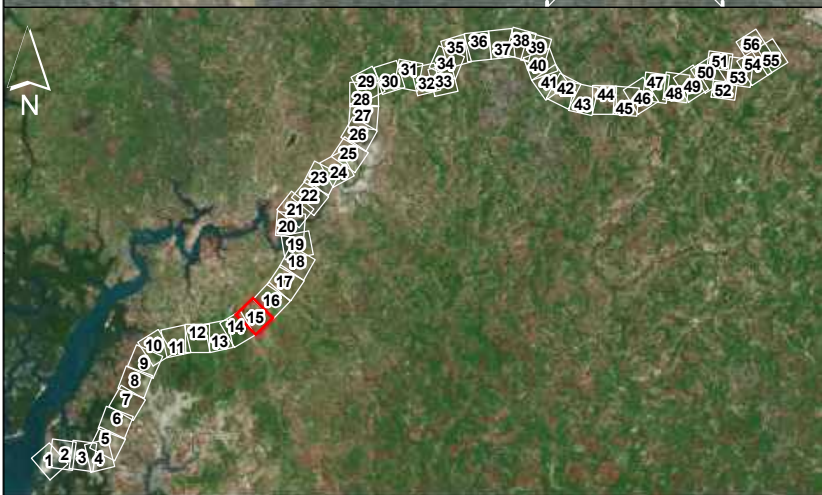
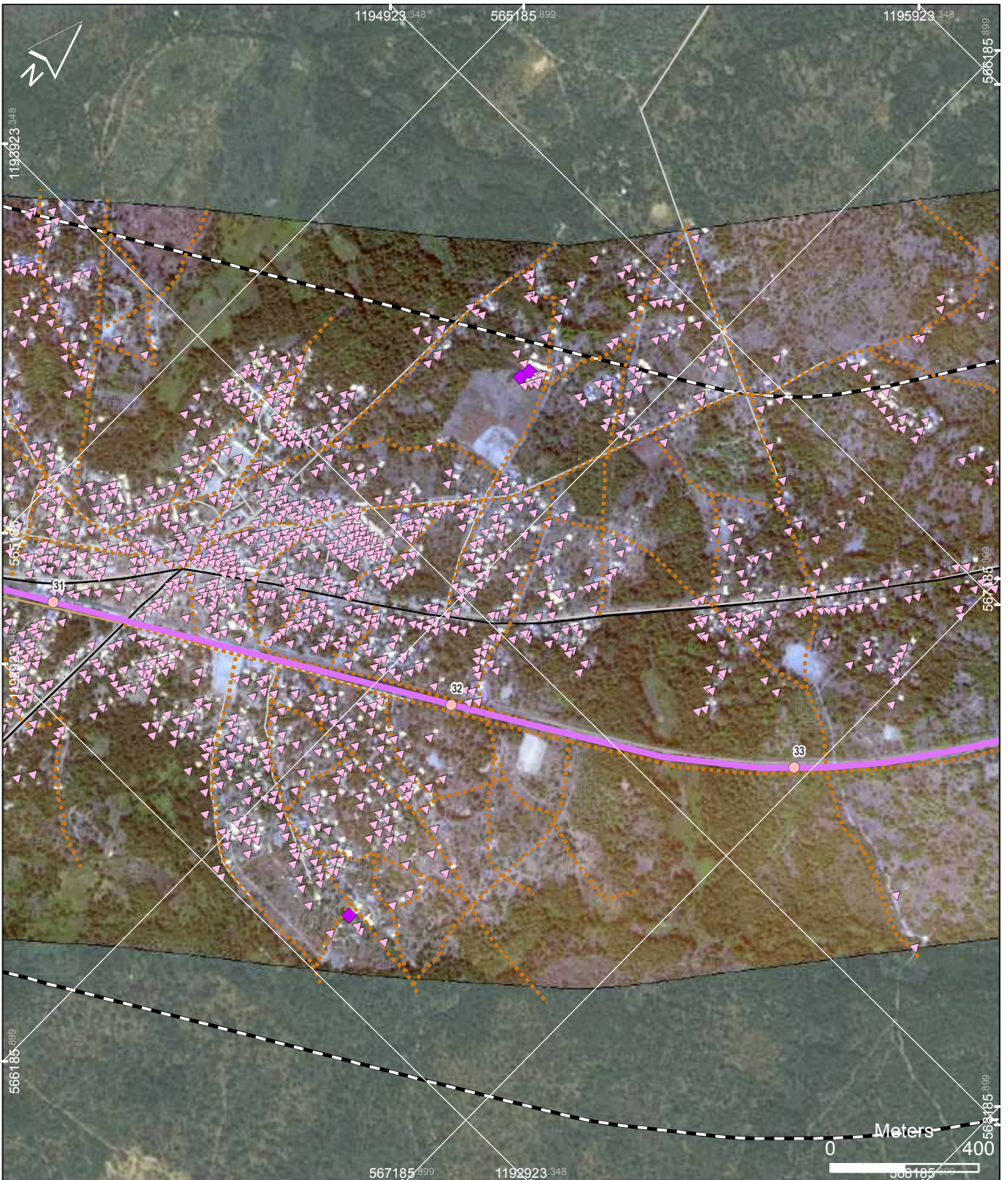
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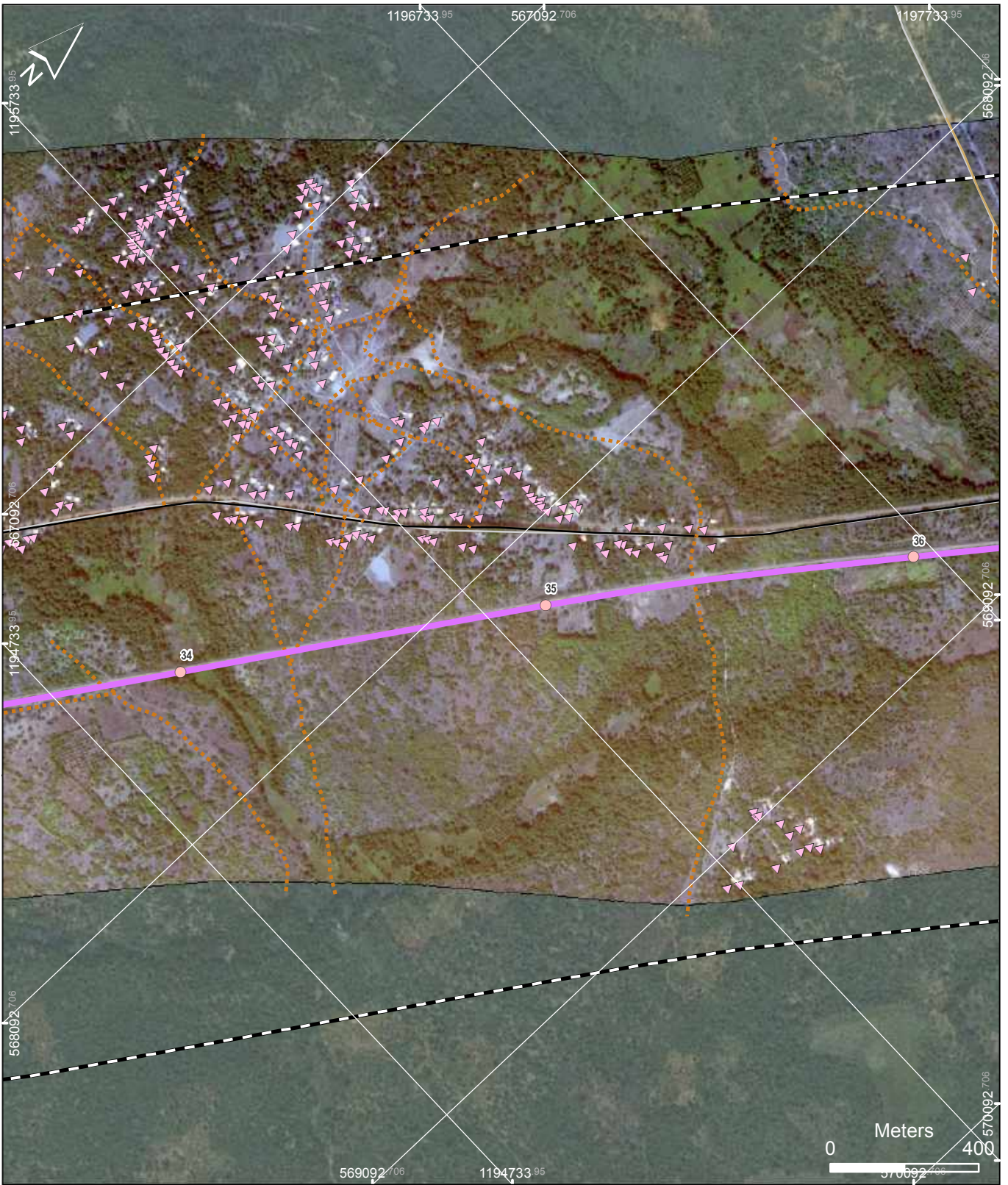
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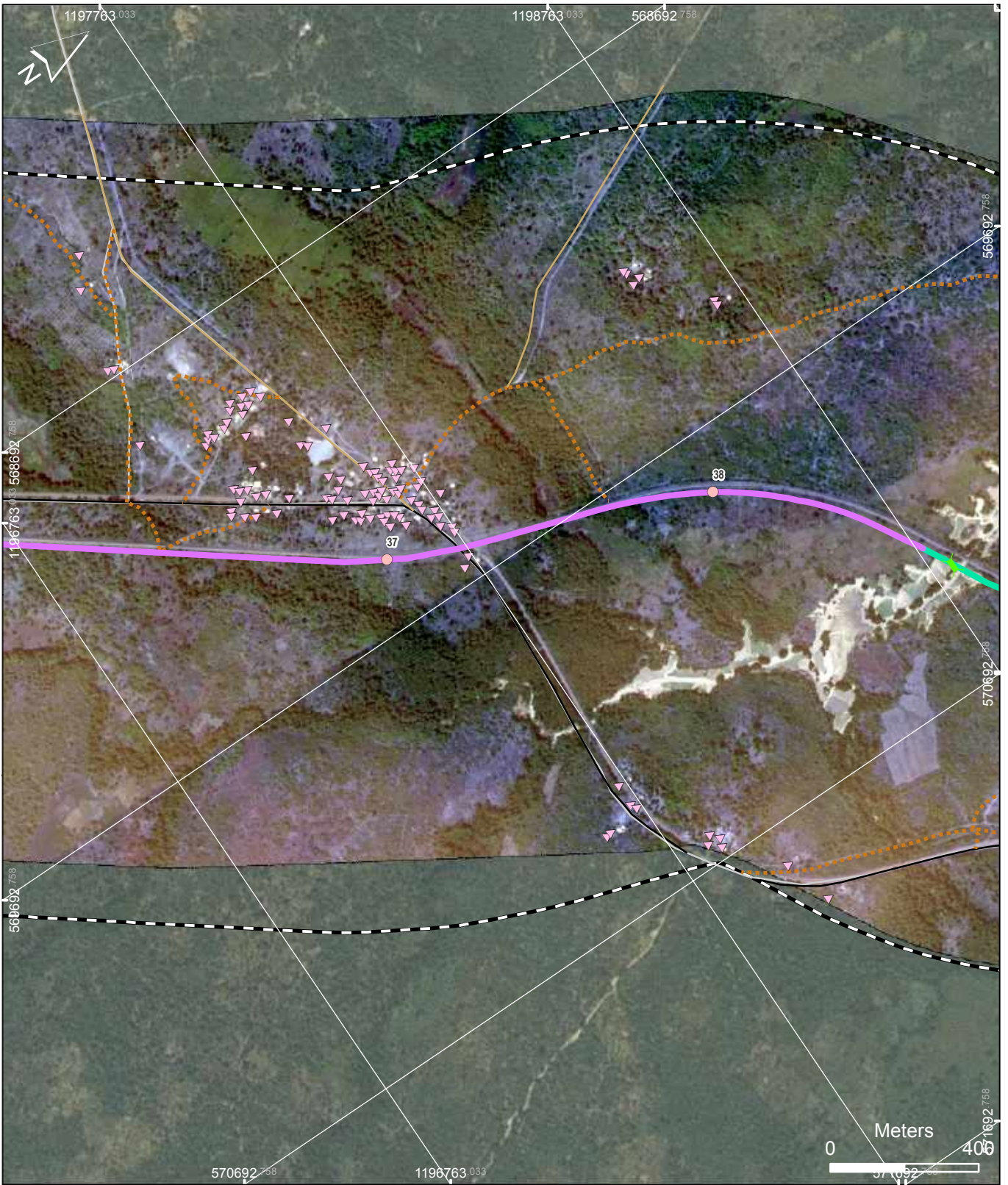
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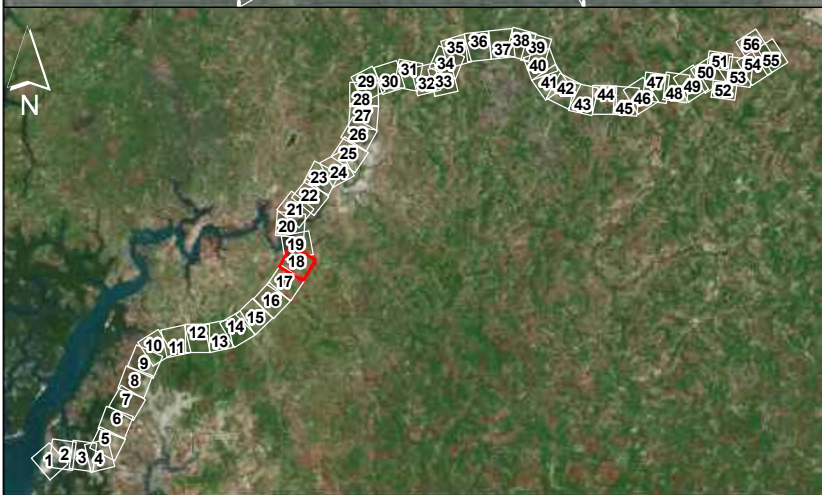
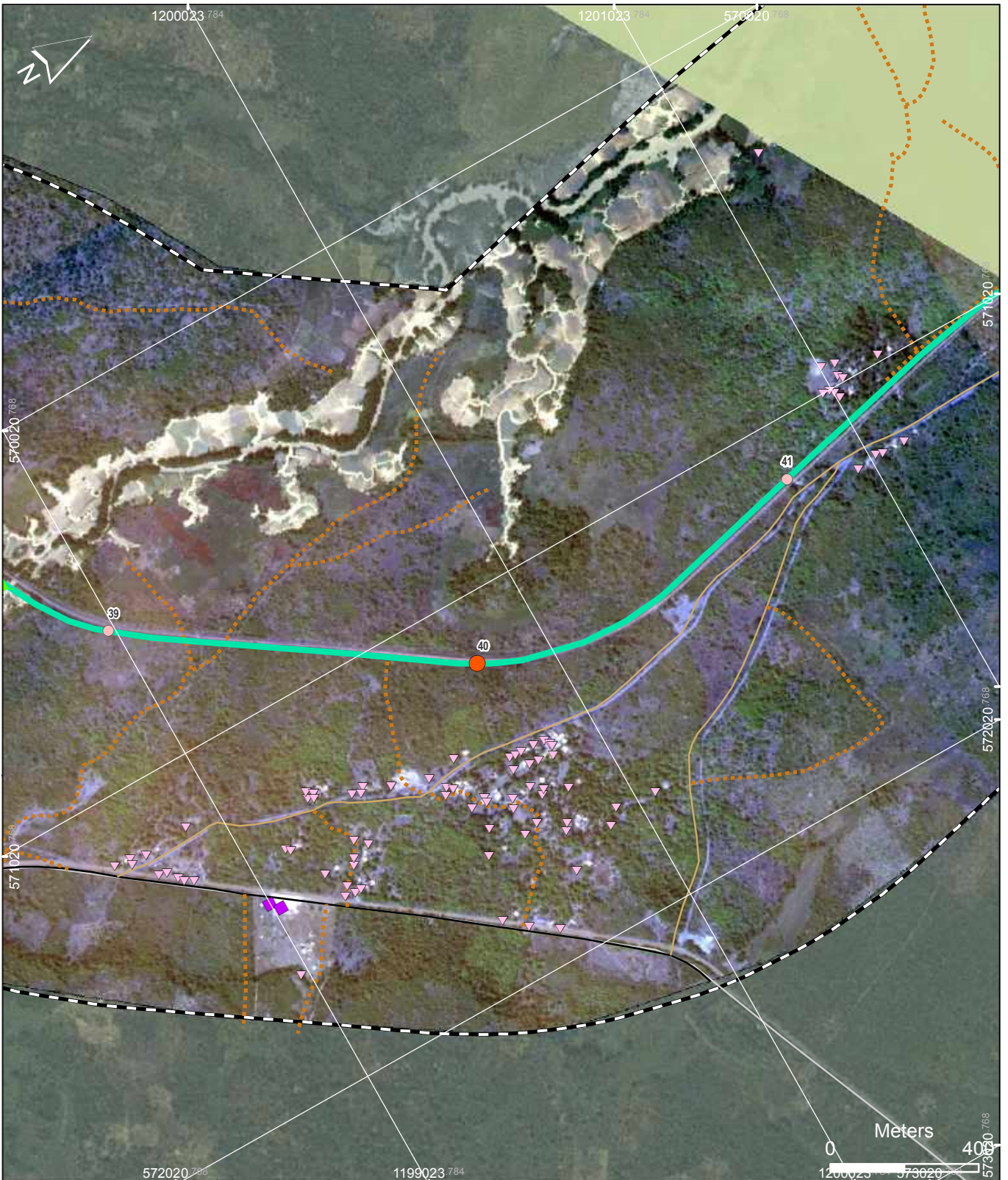
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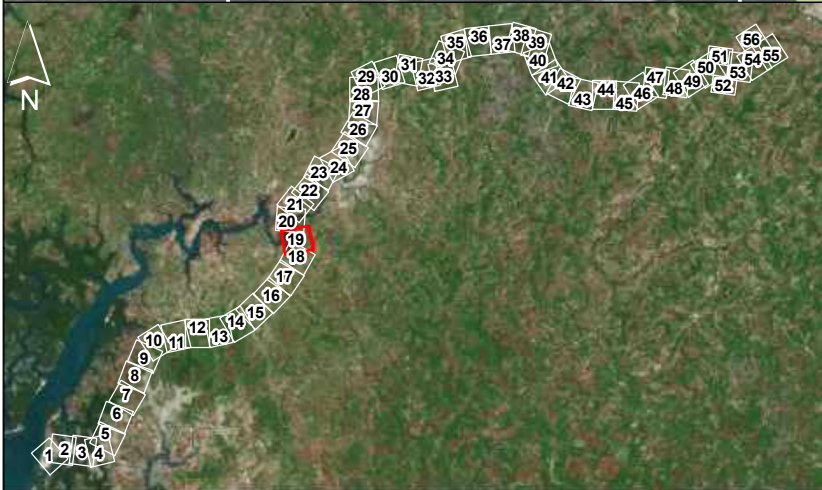
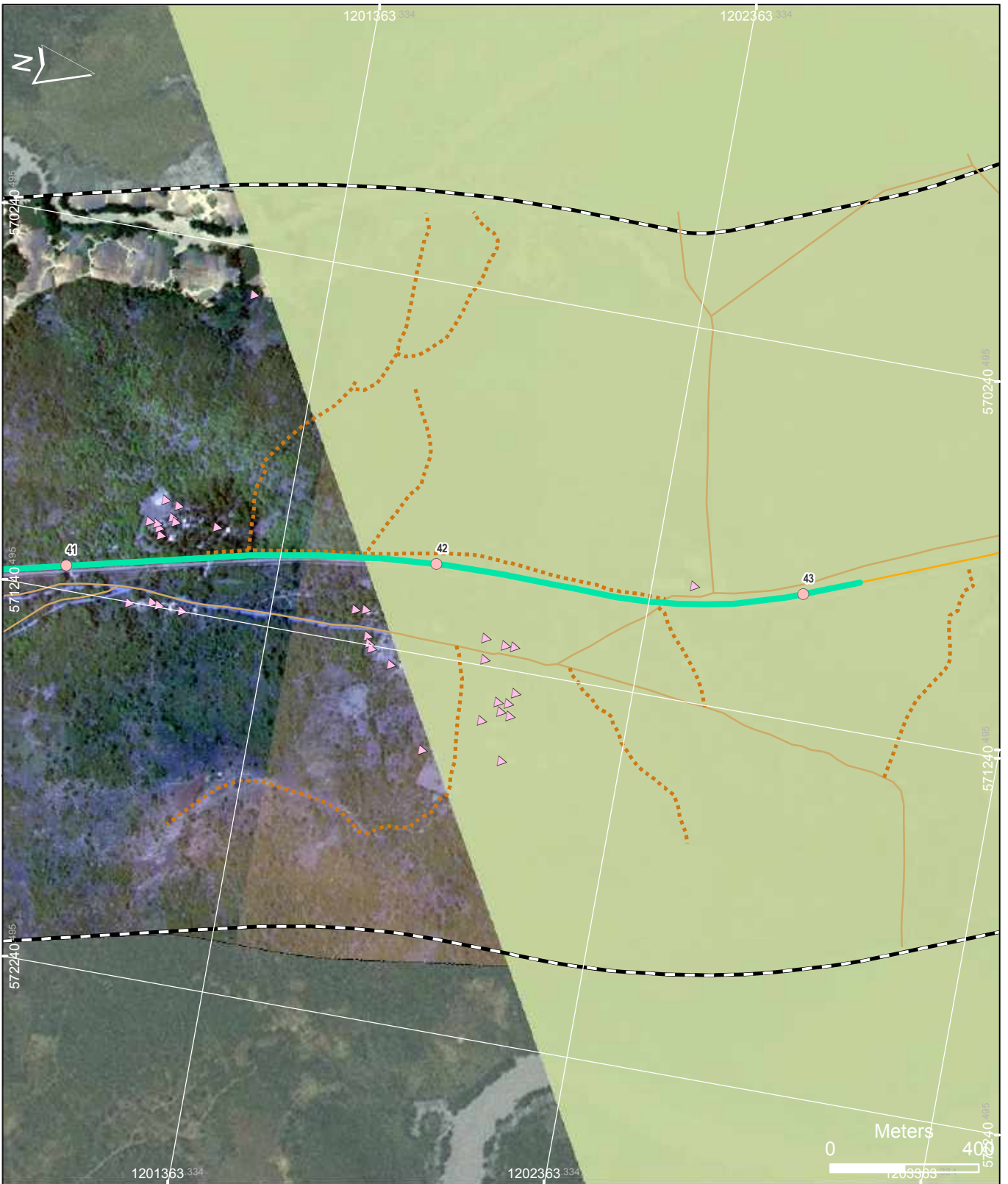
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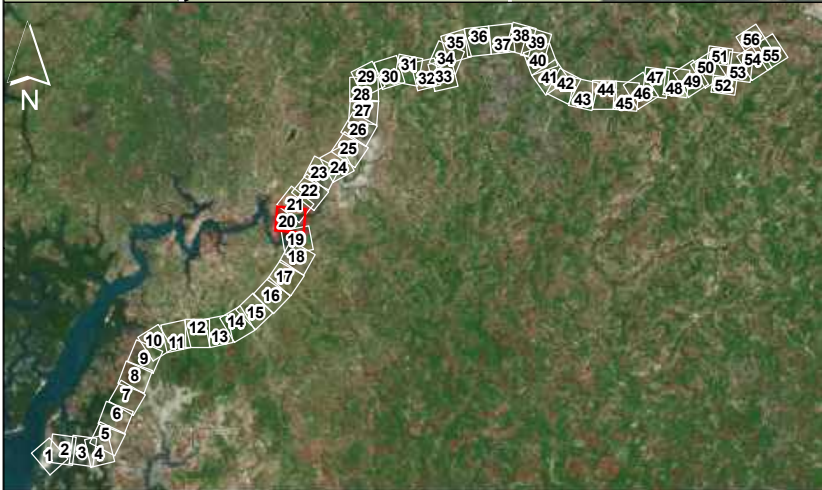
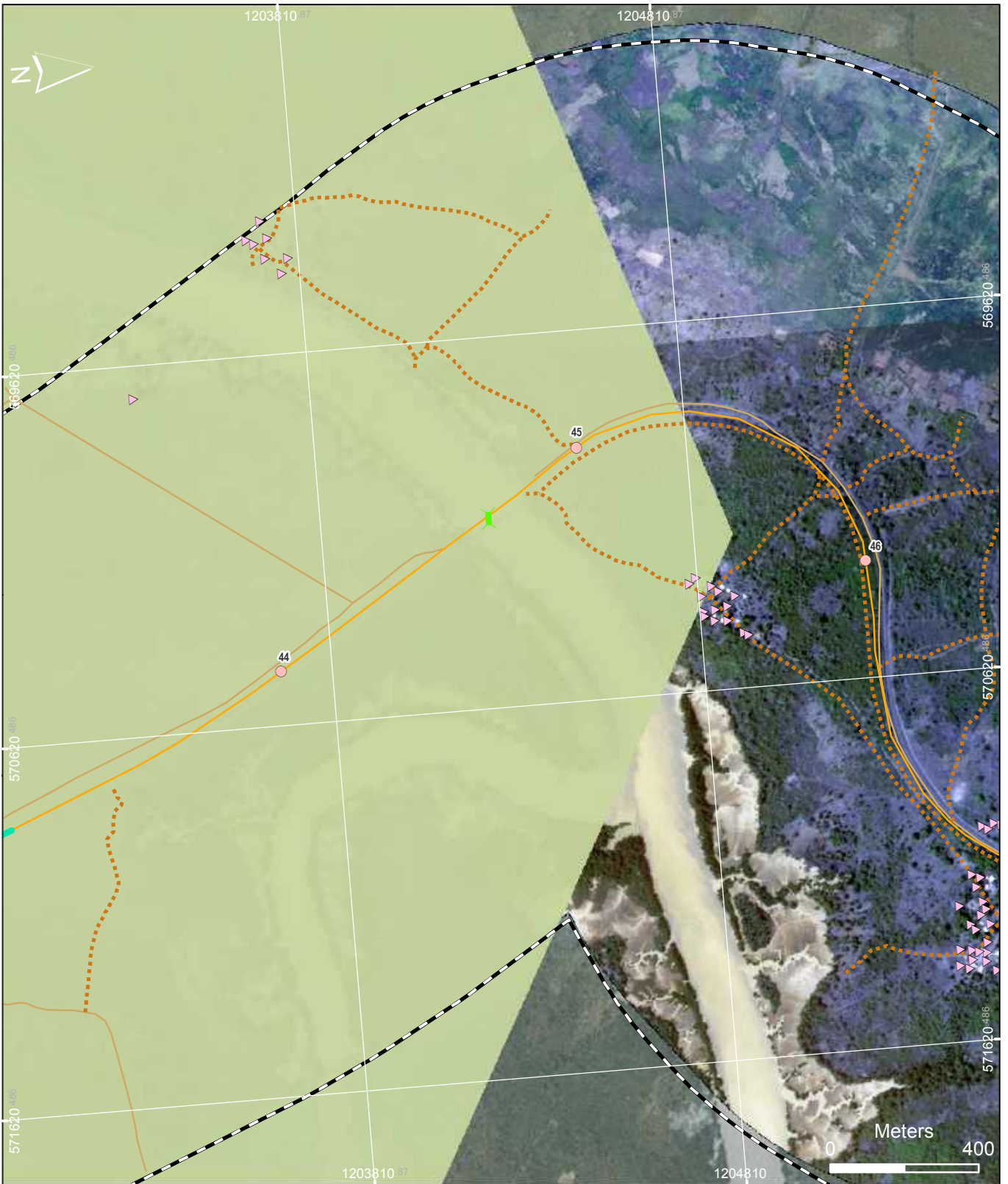
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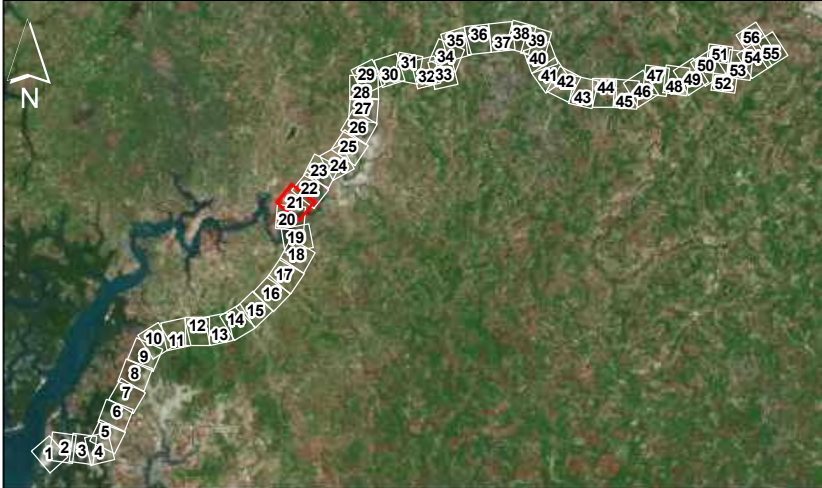
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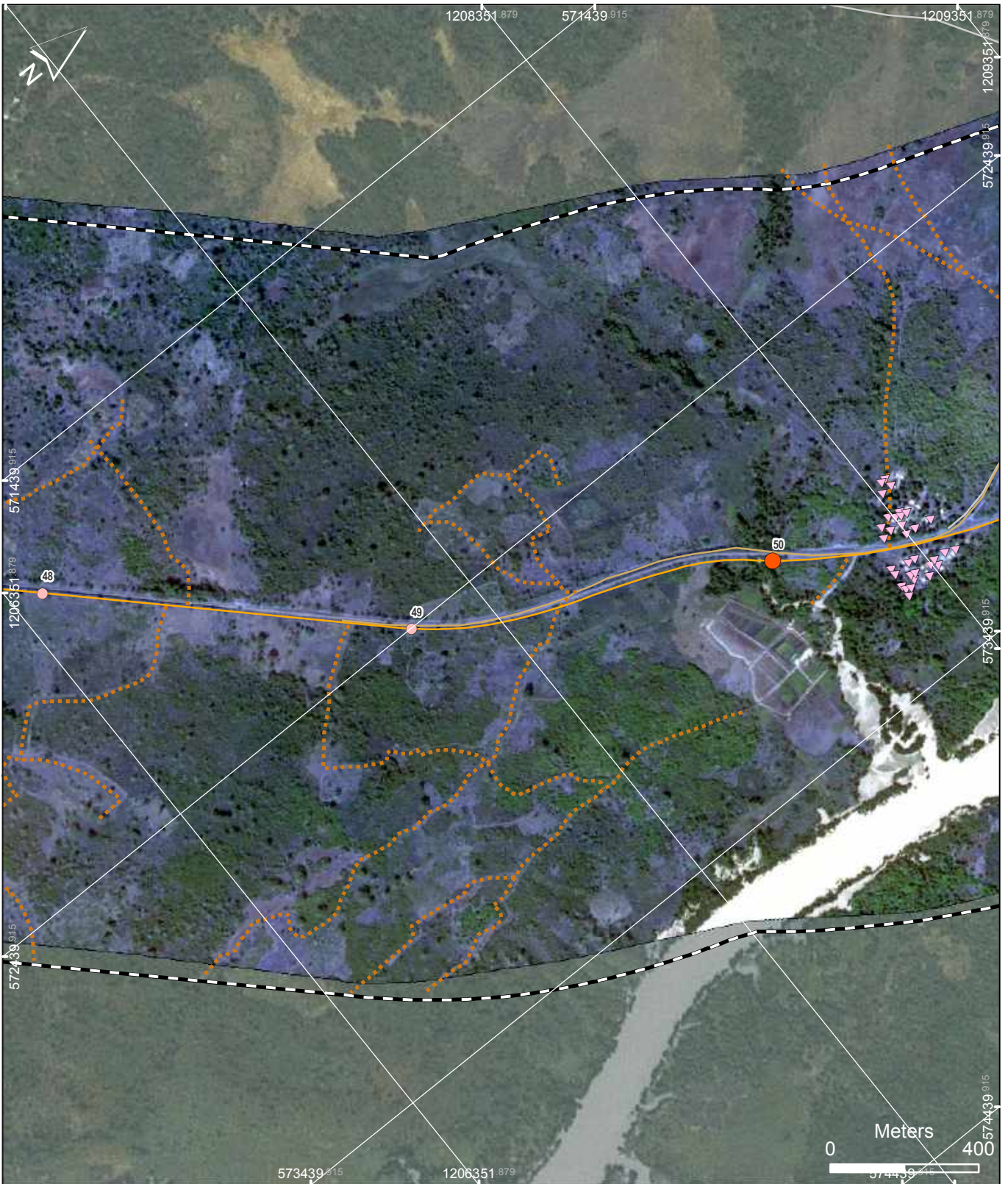
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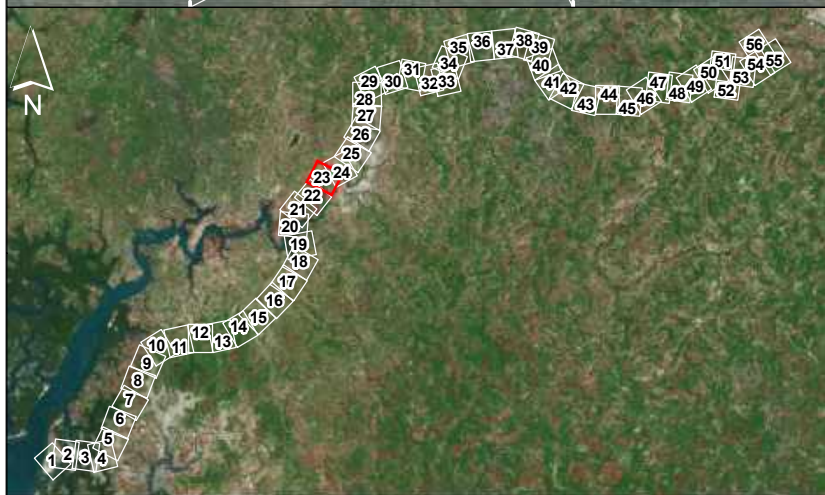
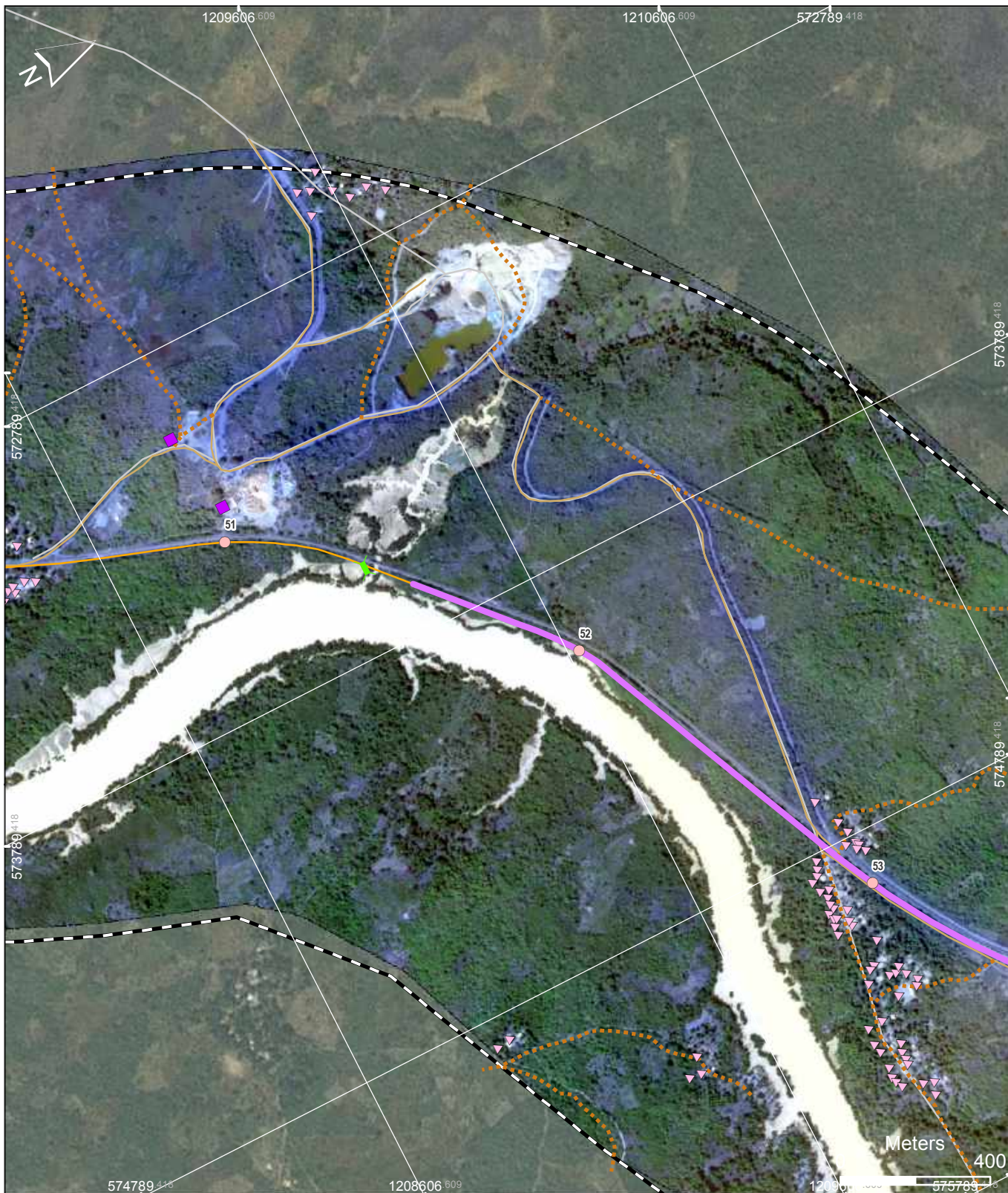
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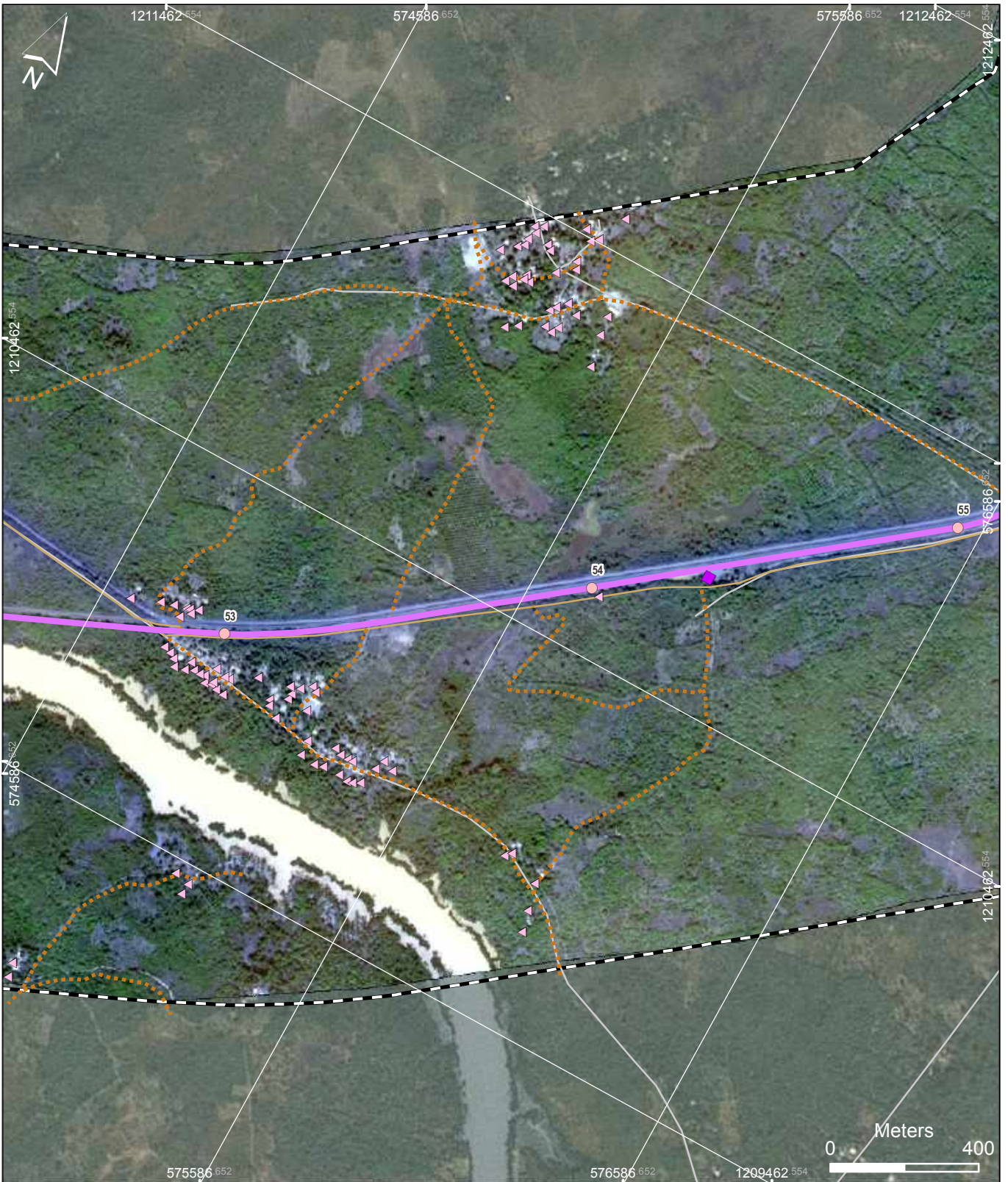
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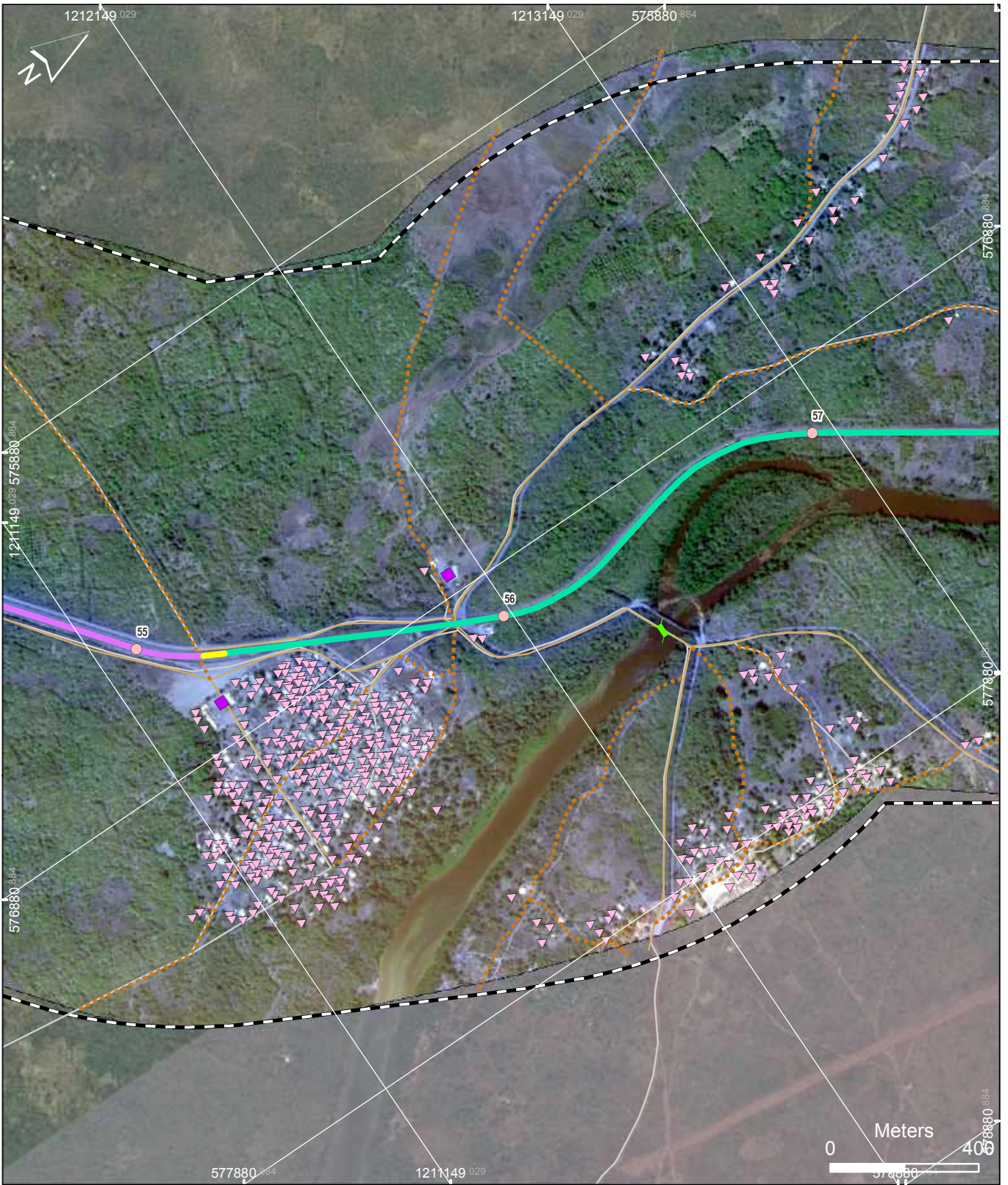
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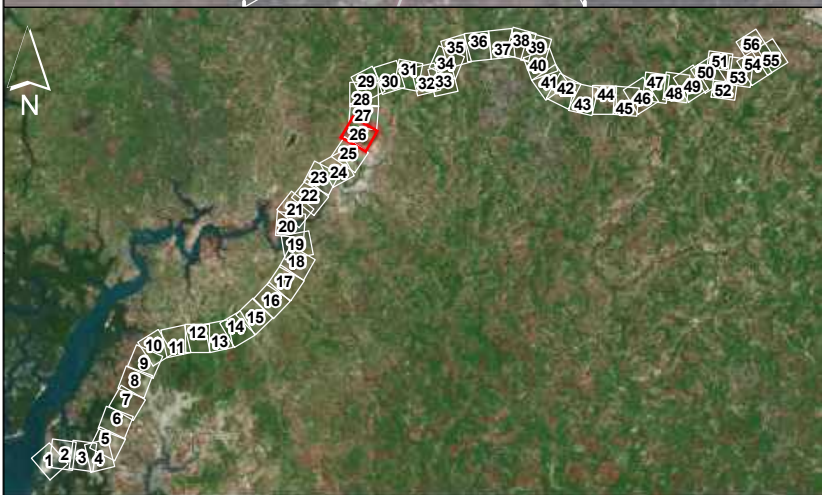
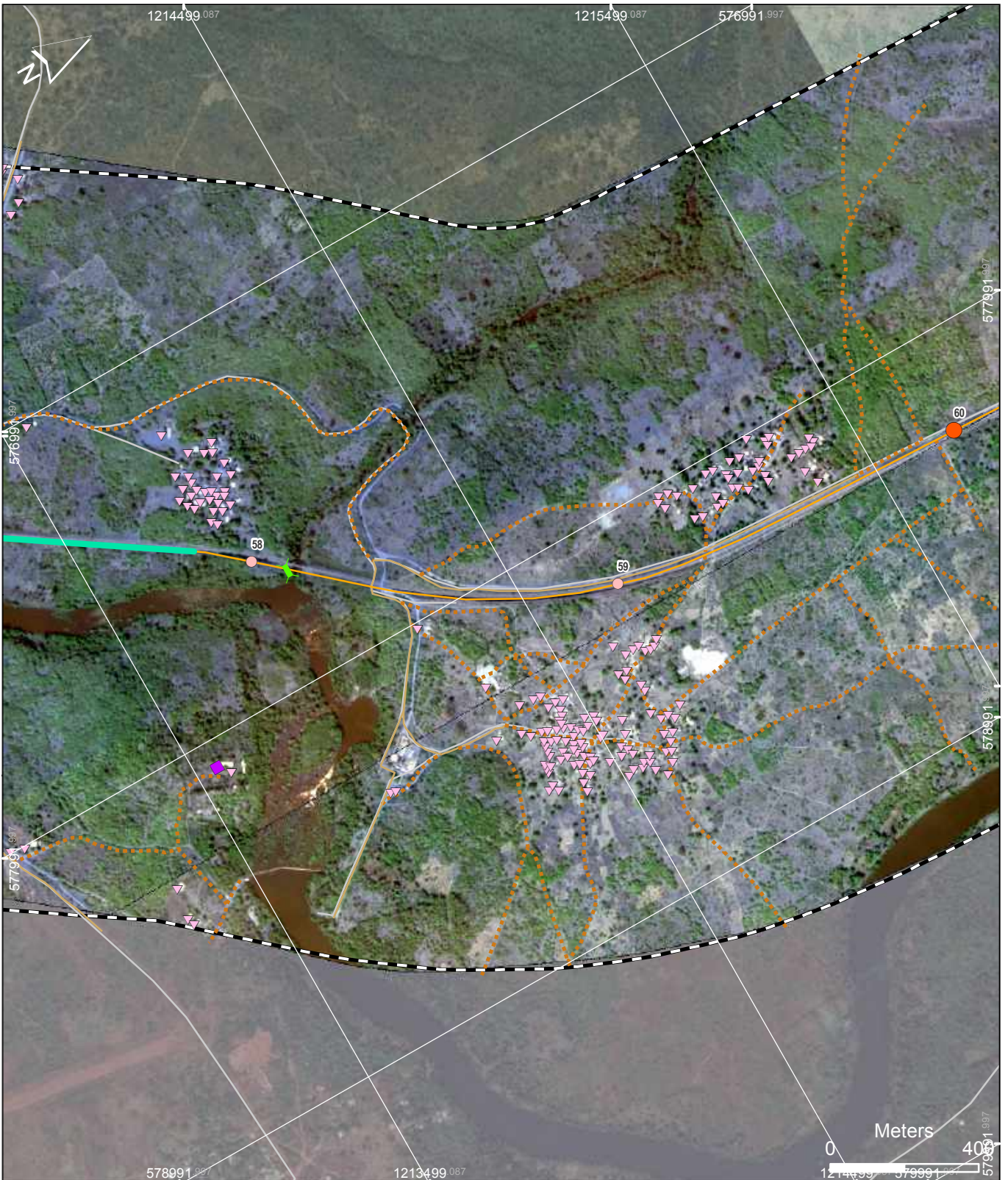
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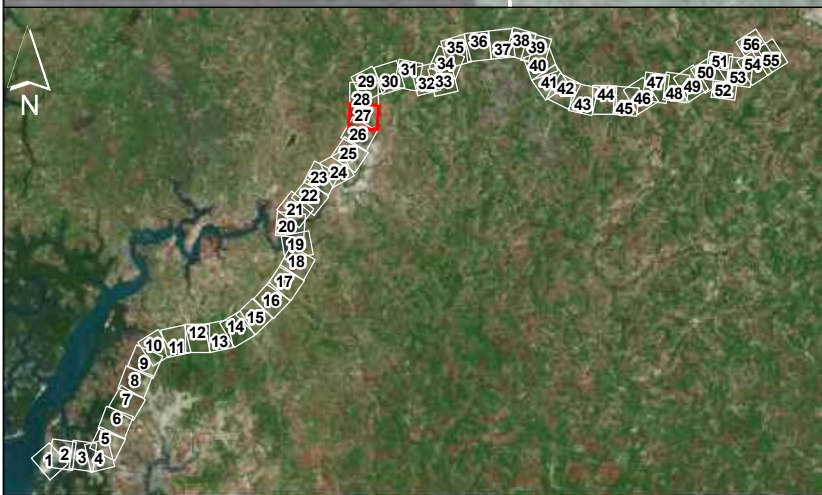
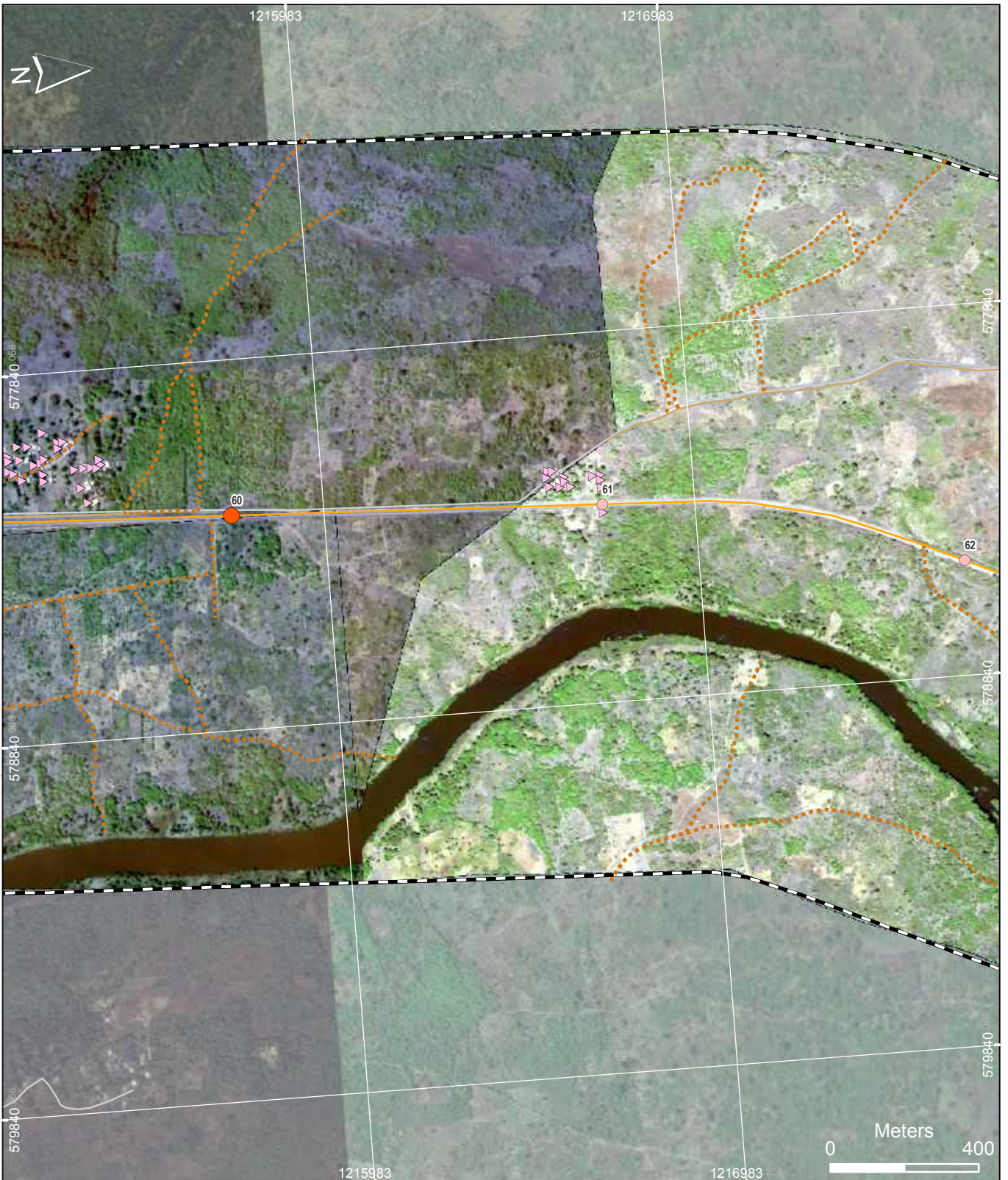
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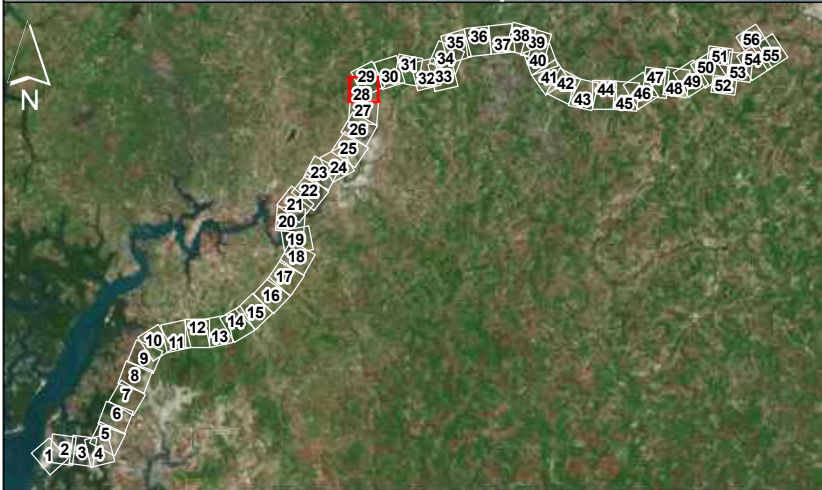
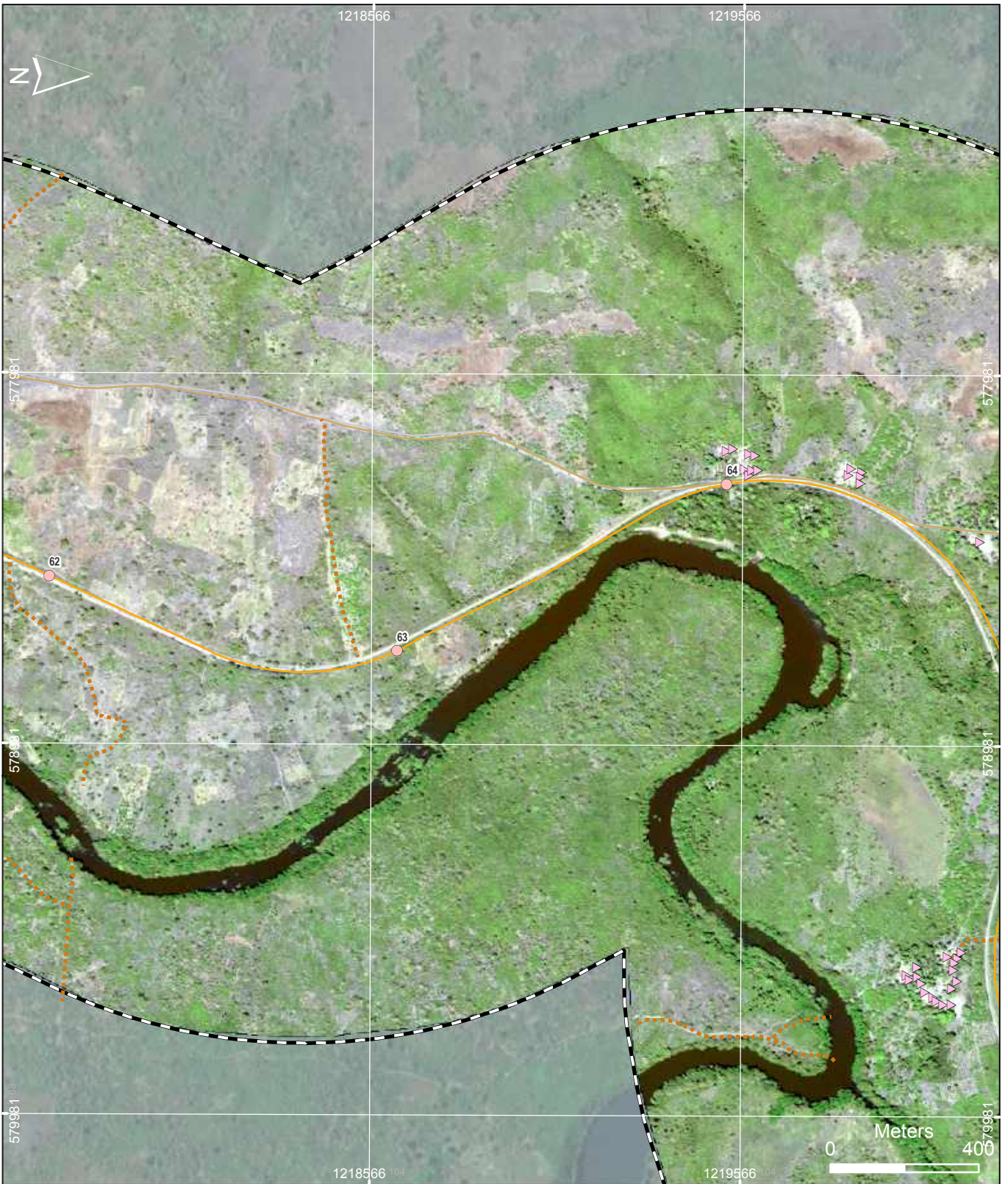
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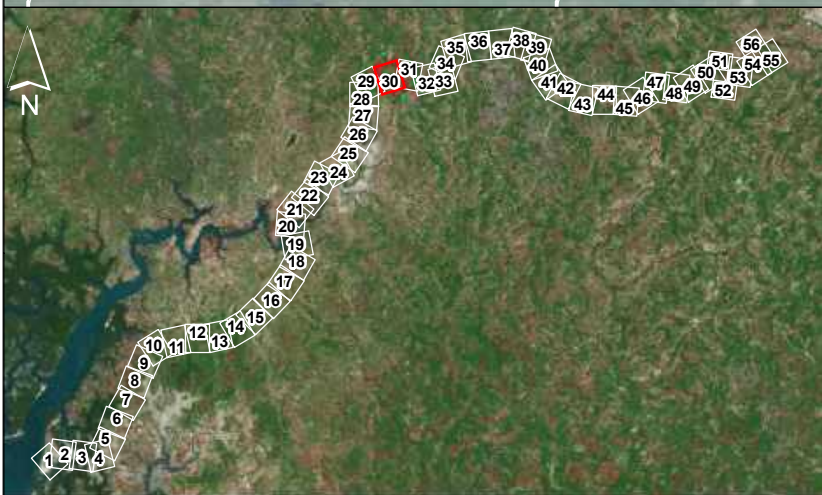
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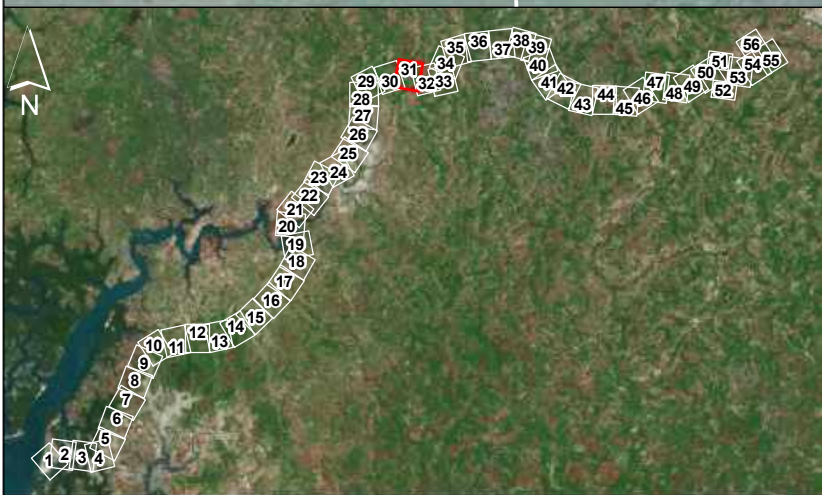
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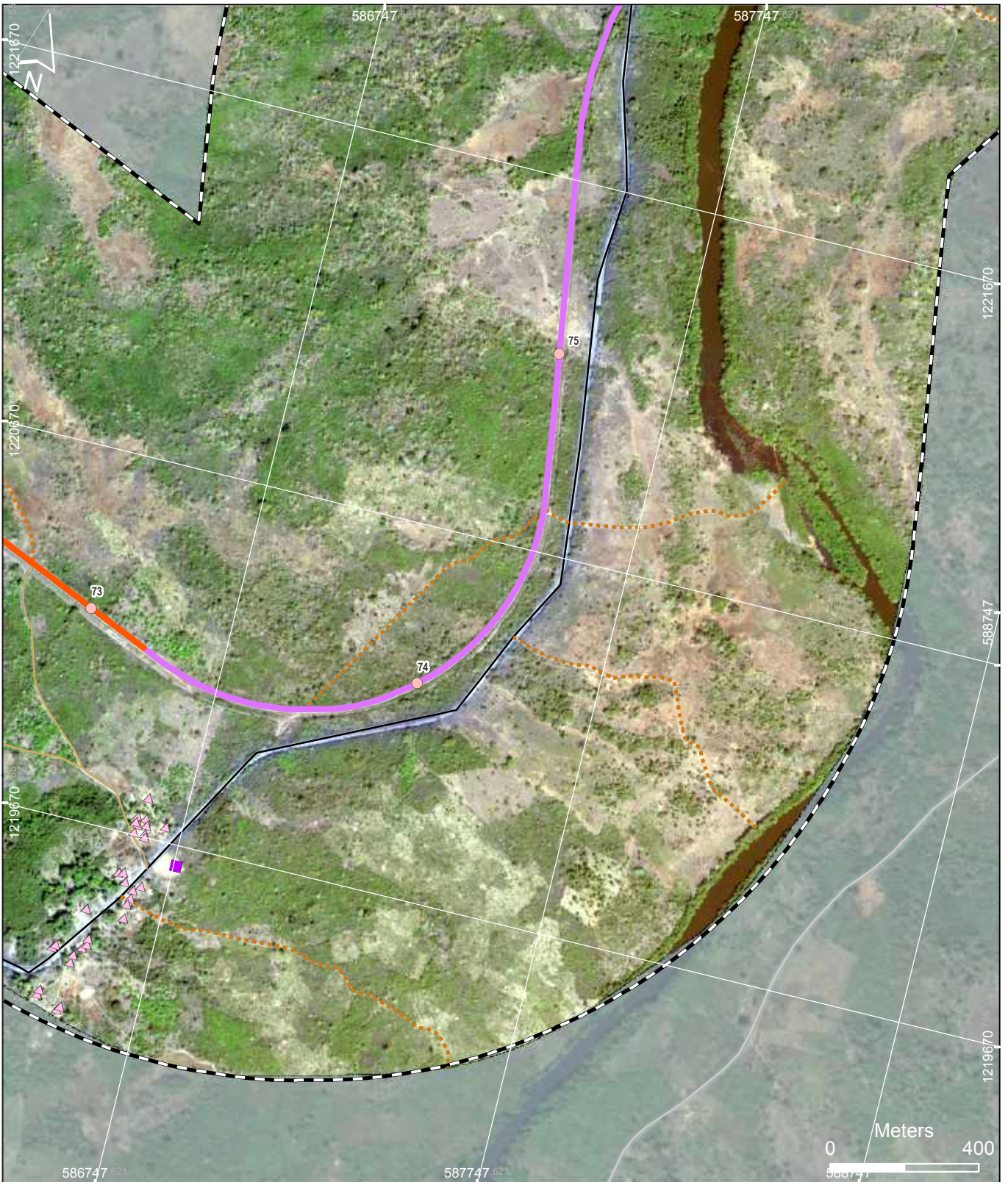
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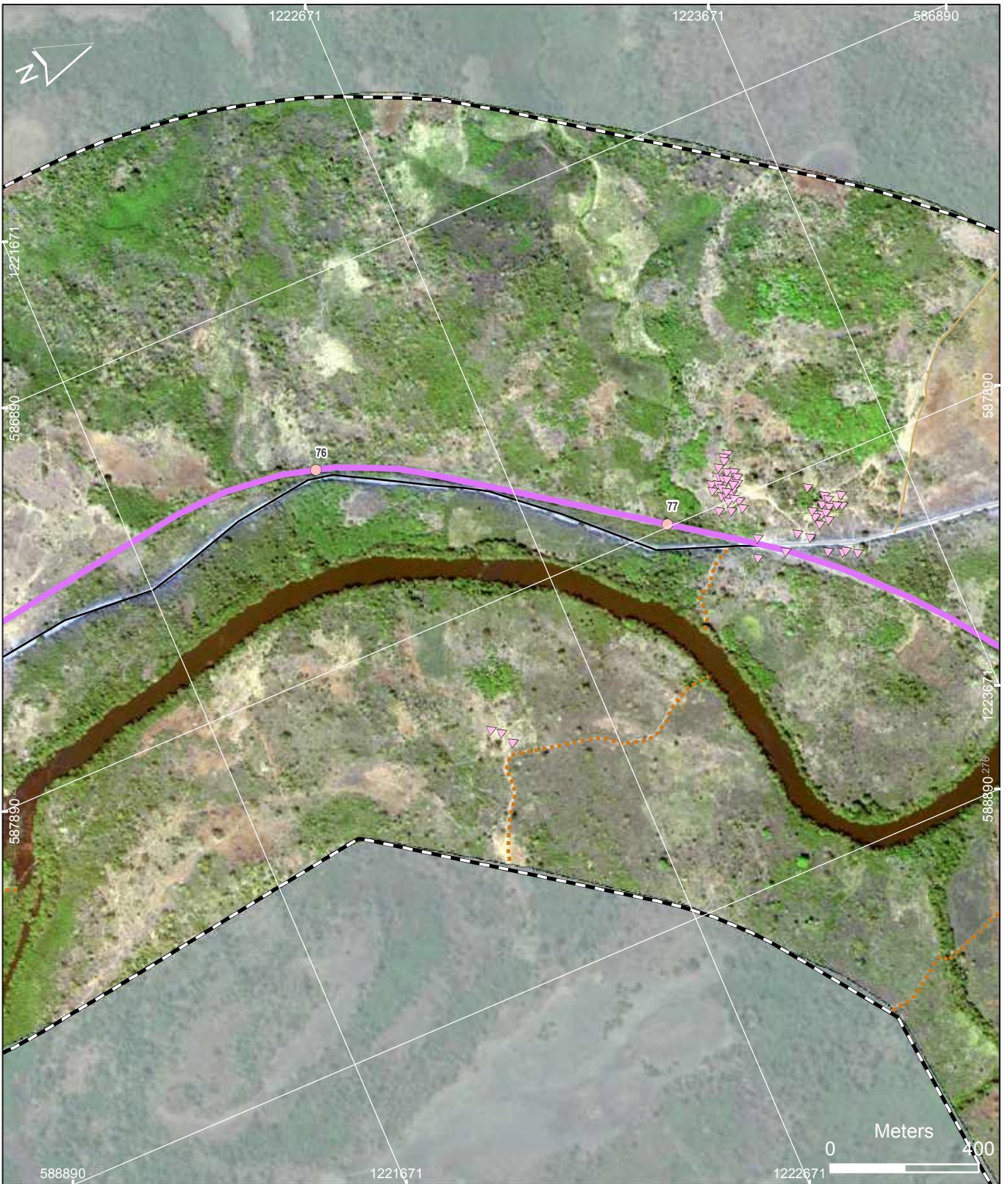
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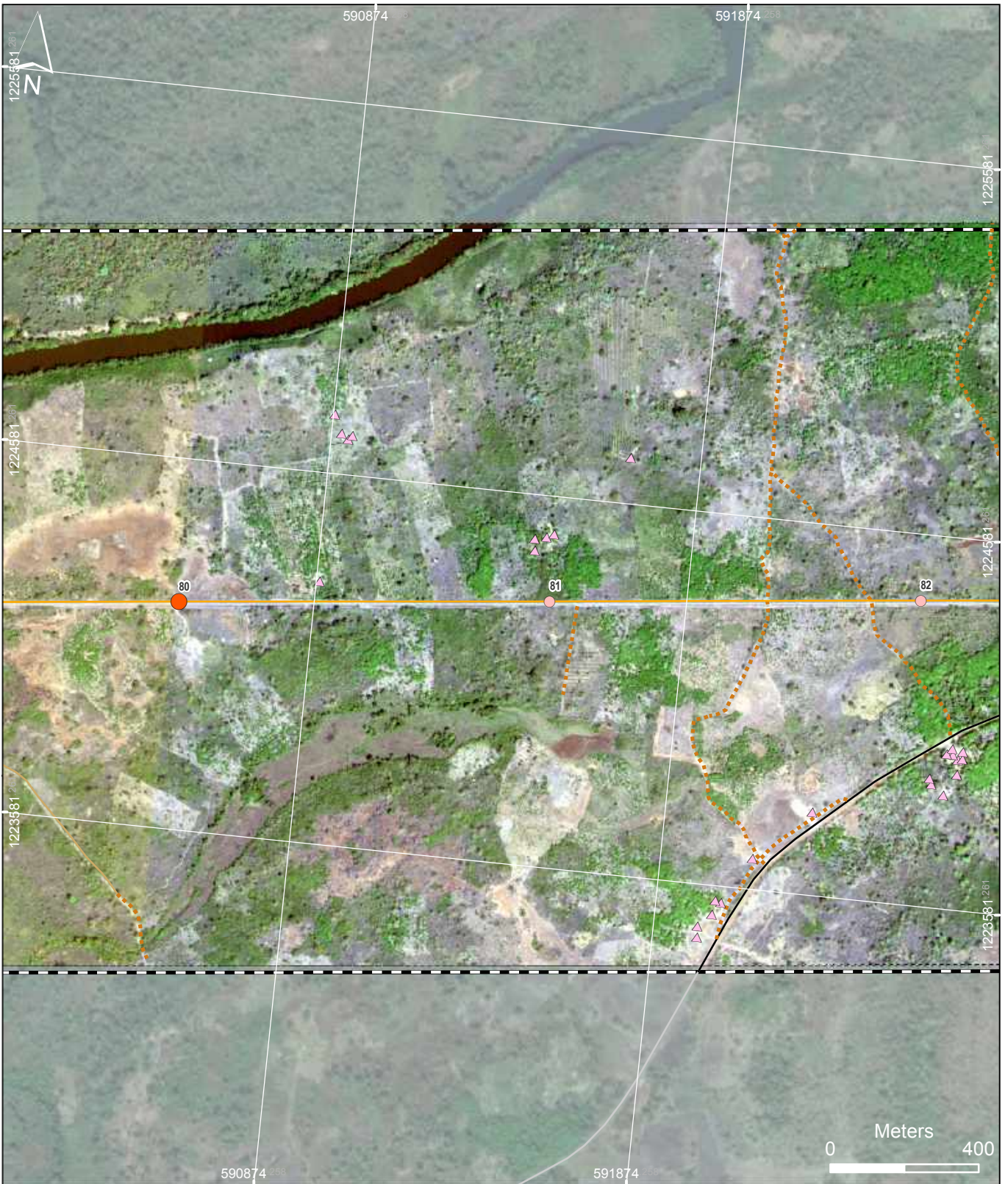
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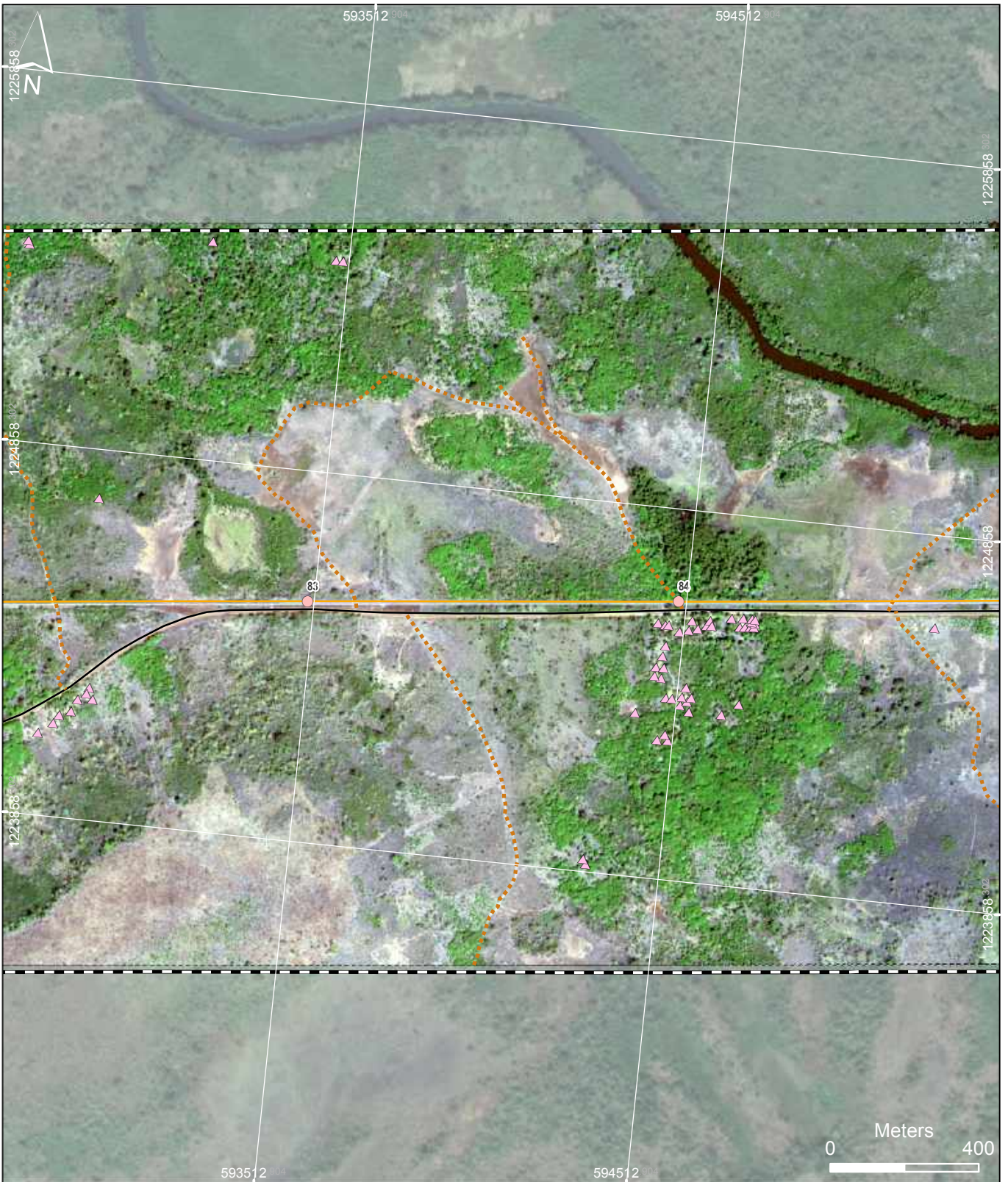
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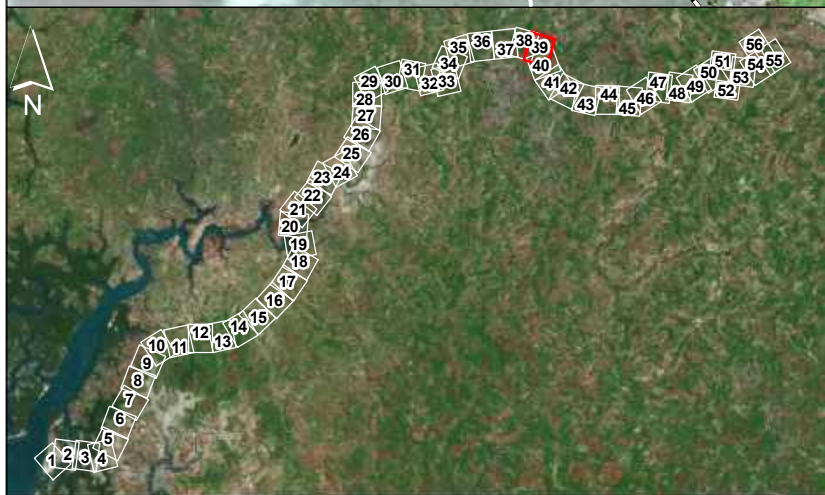
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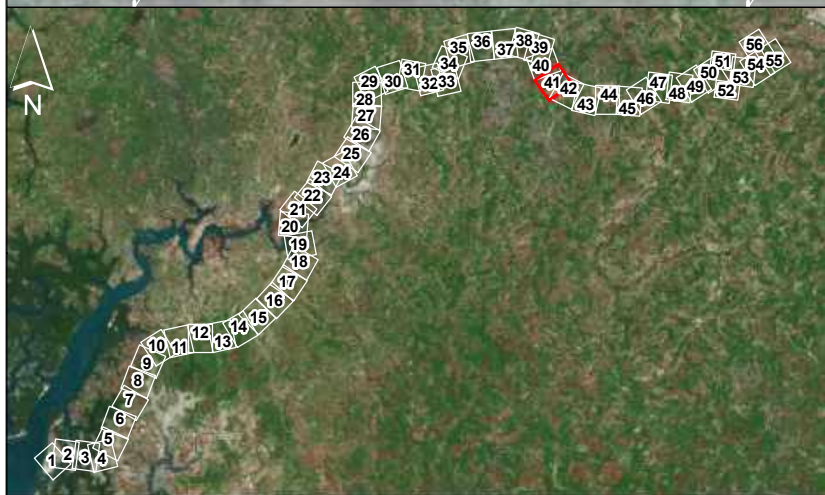
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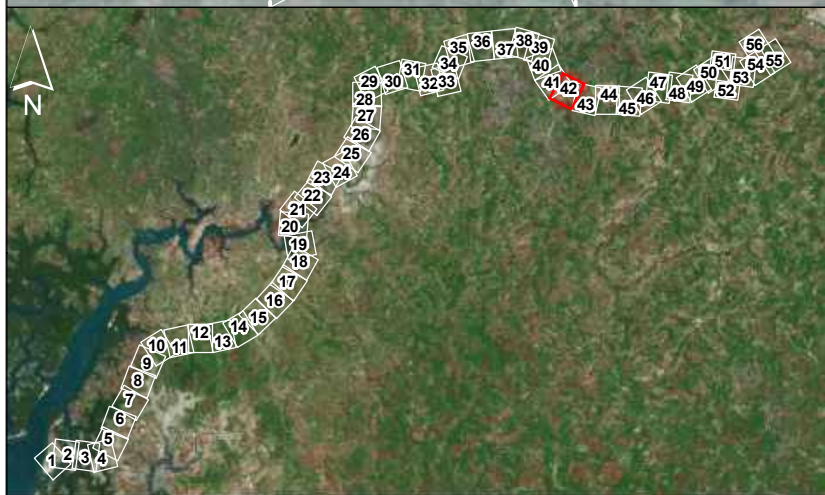
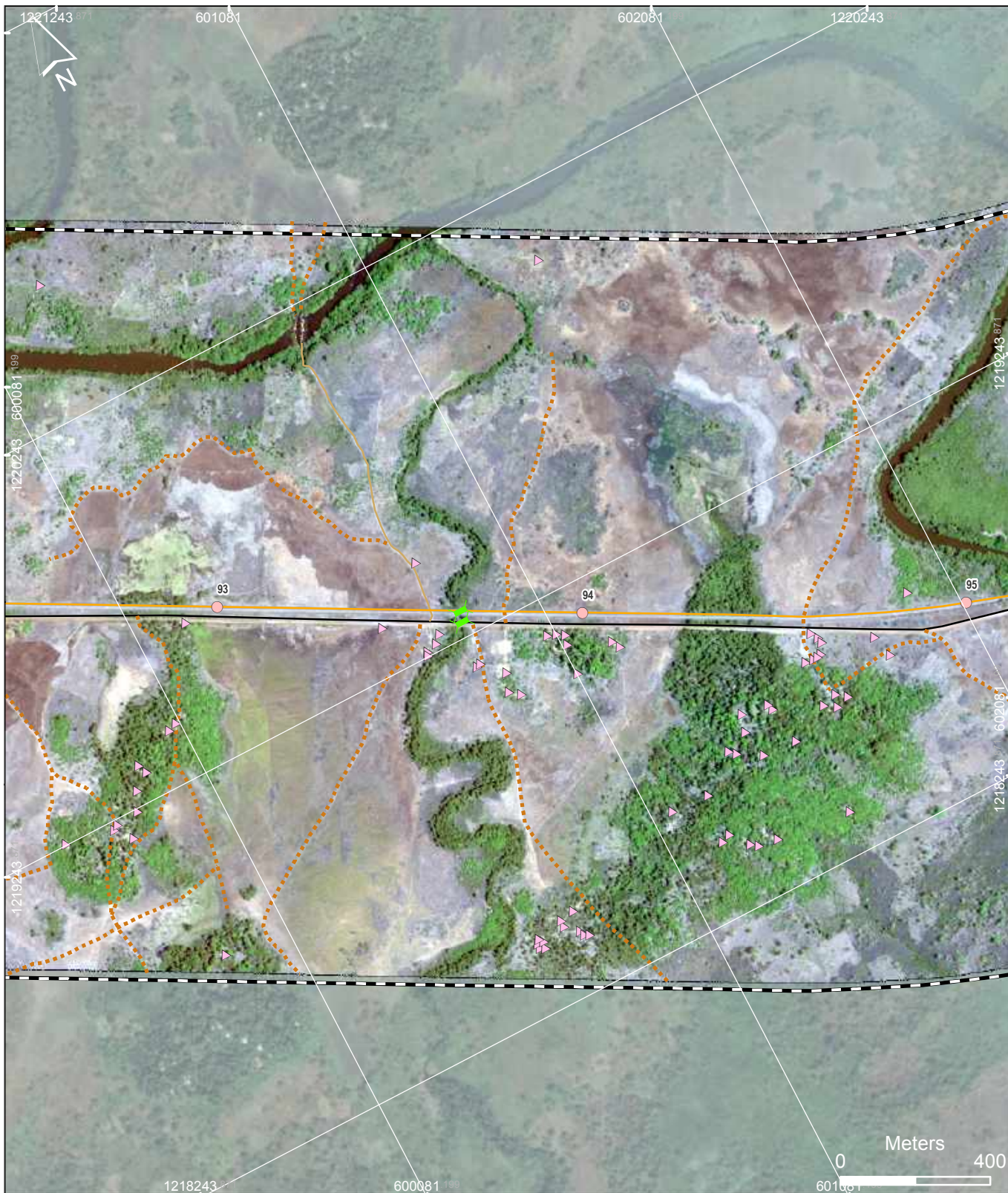
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AUTHOR	PJM
SIP	BV




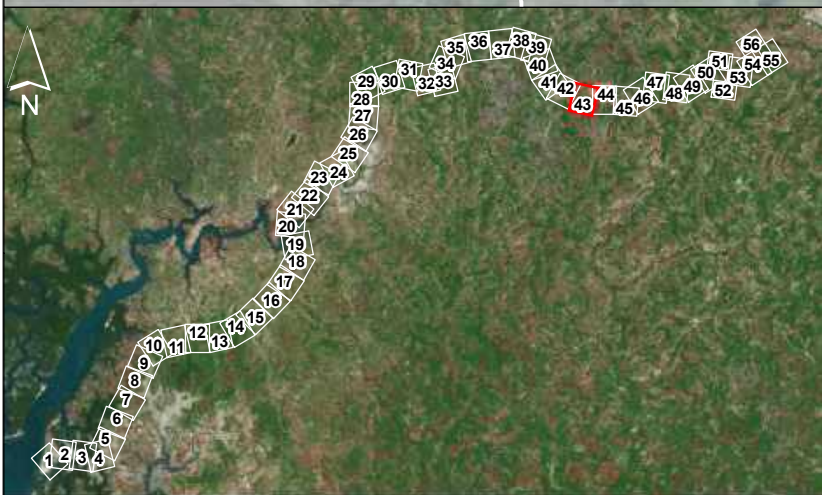
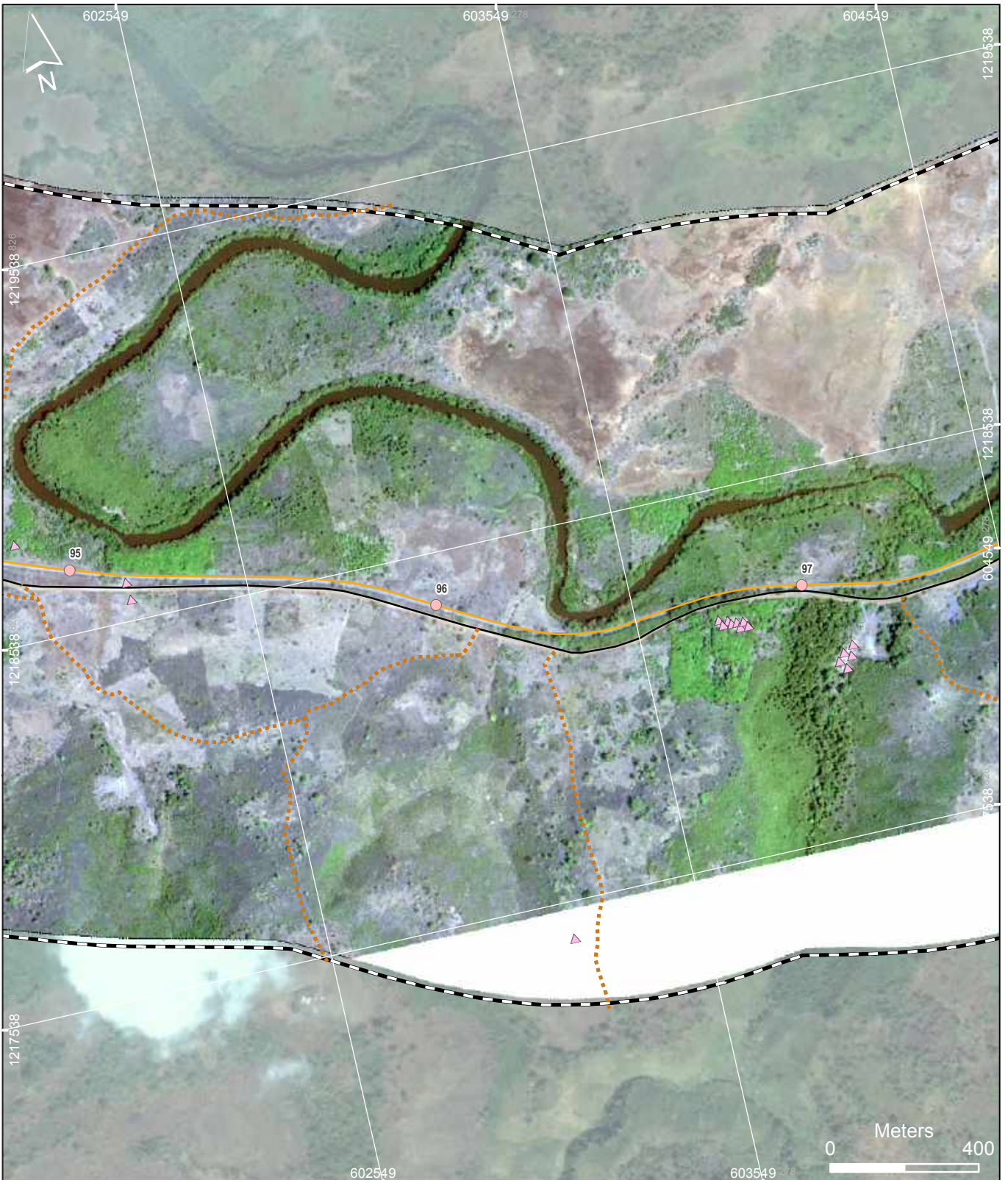
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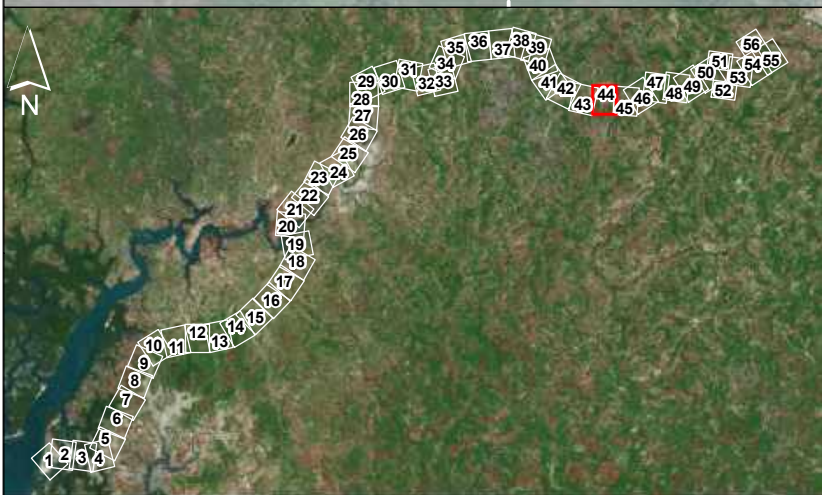
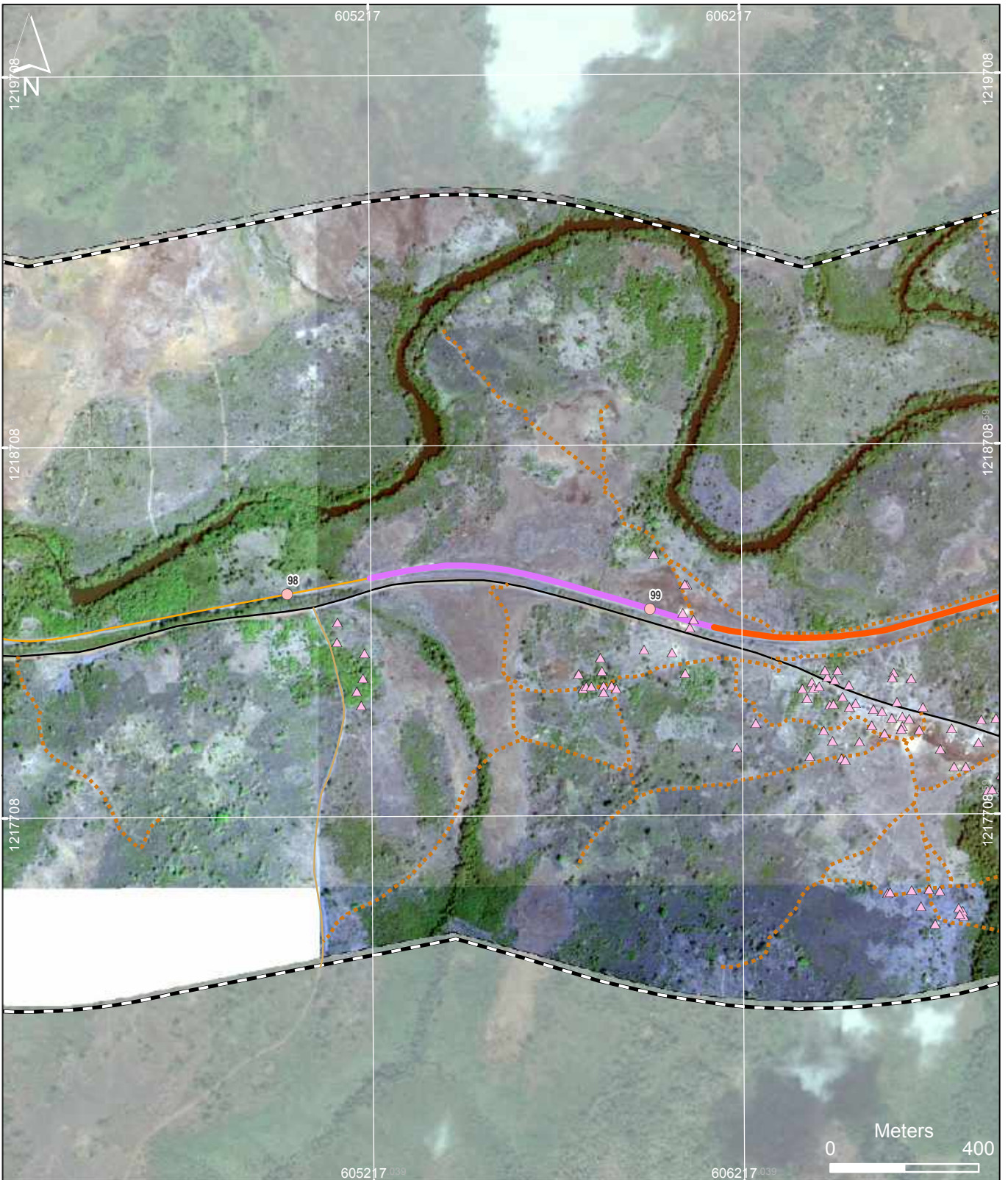
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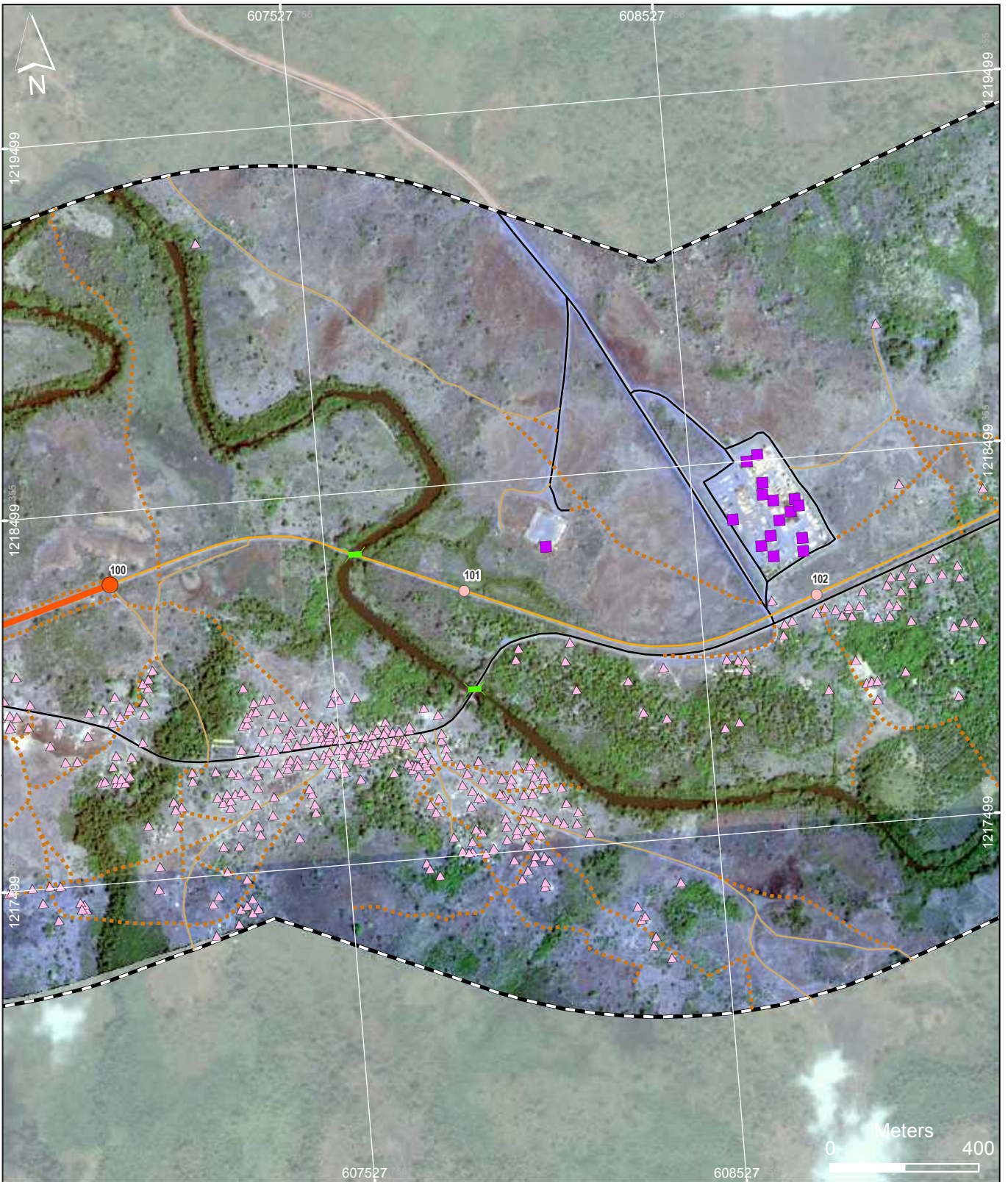
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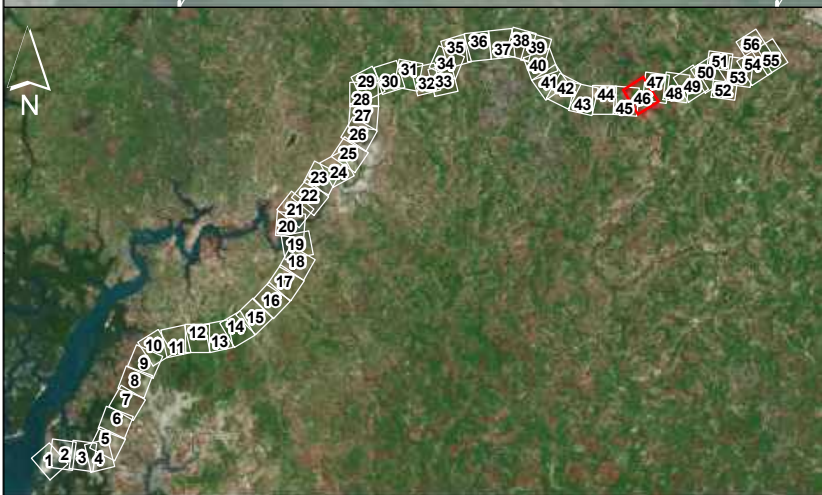
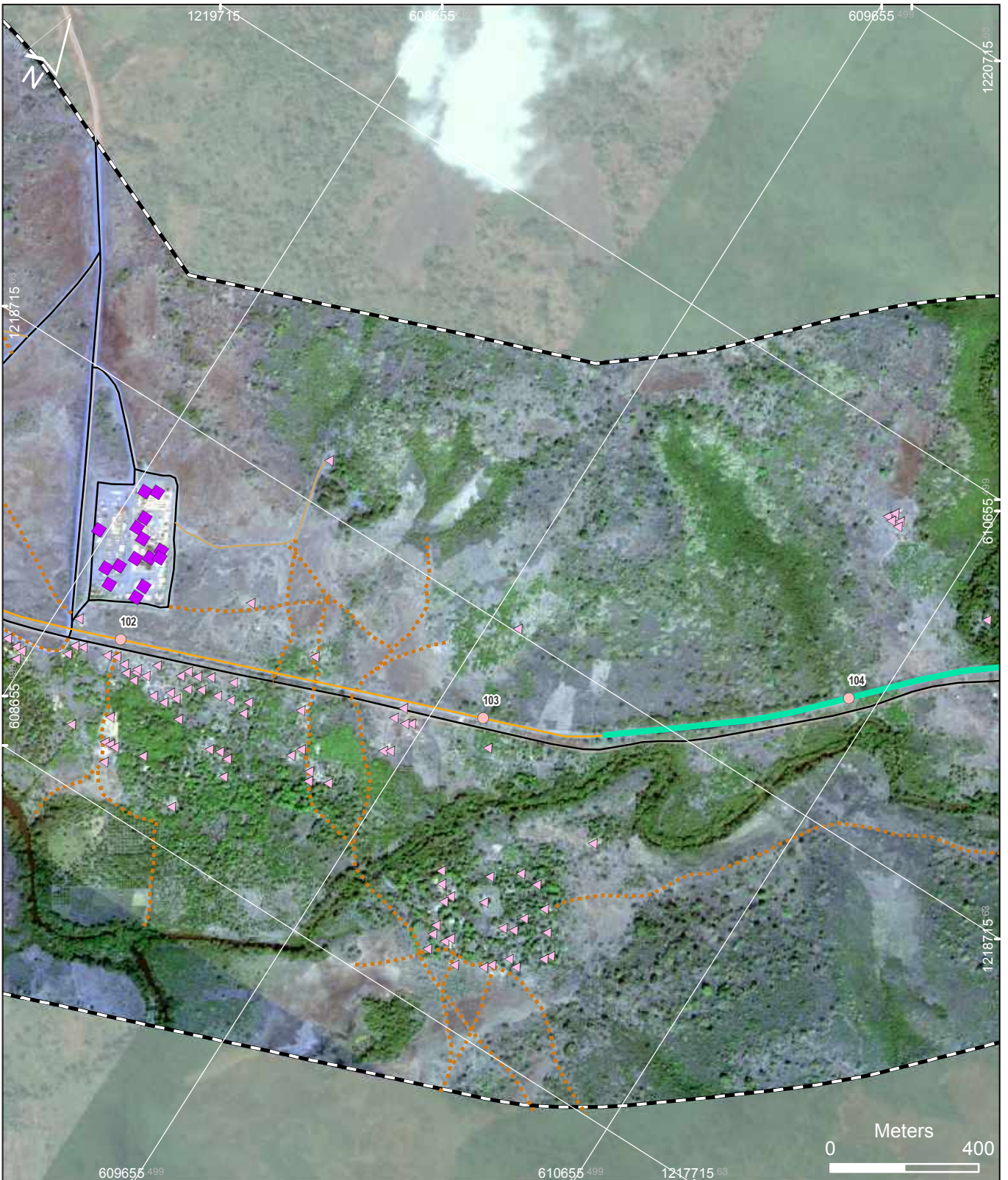
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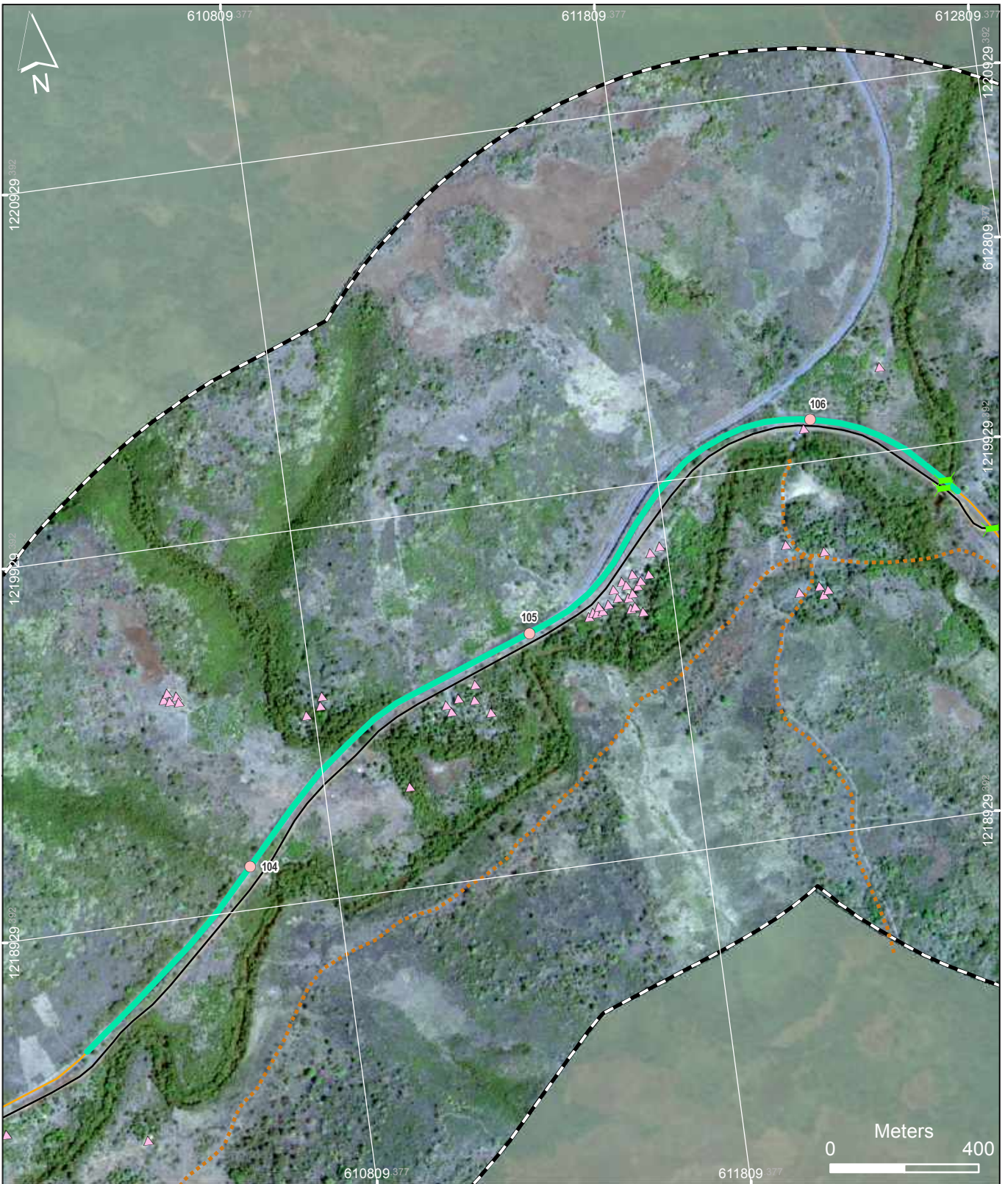
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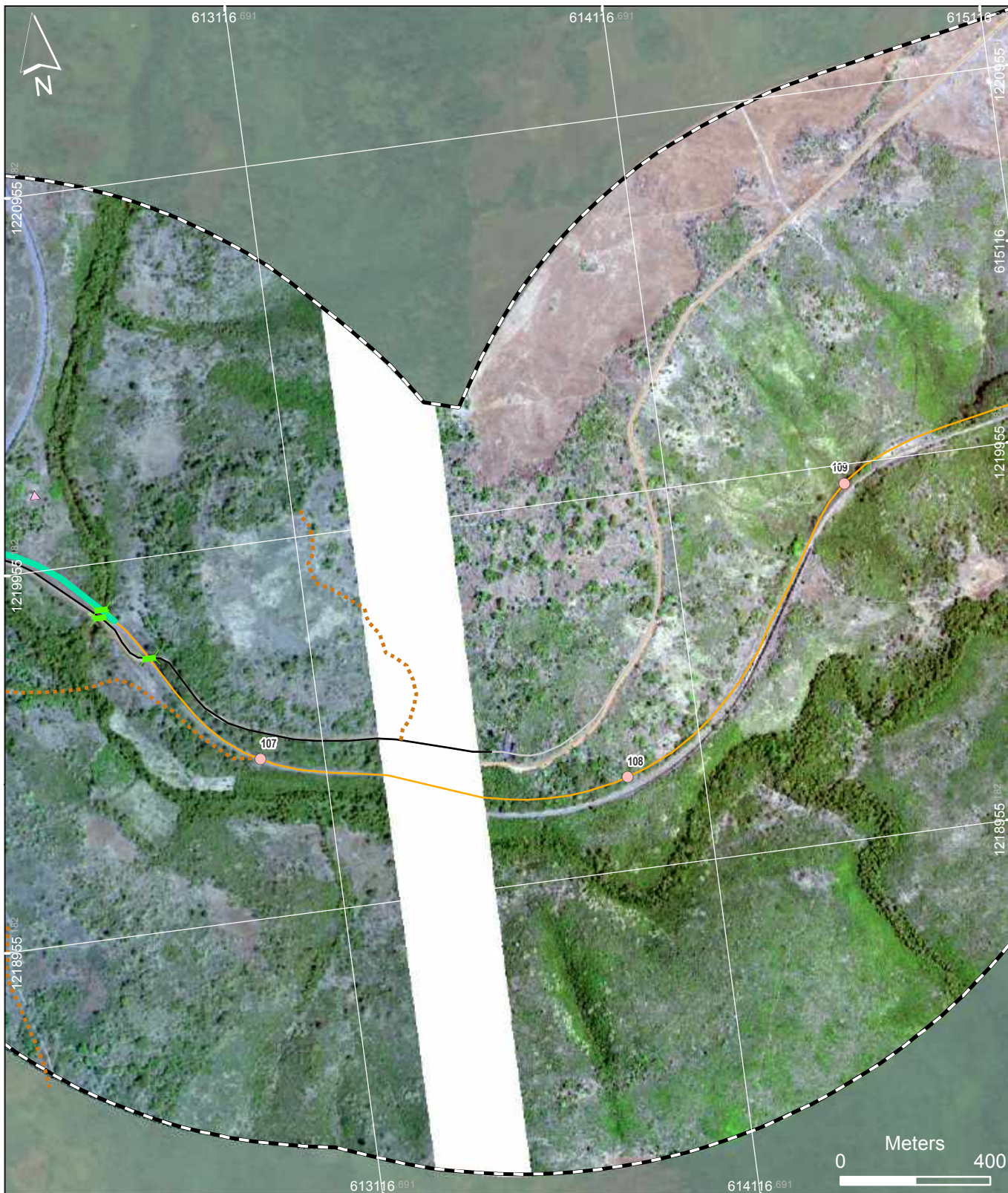
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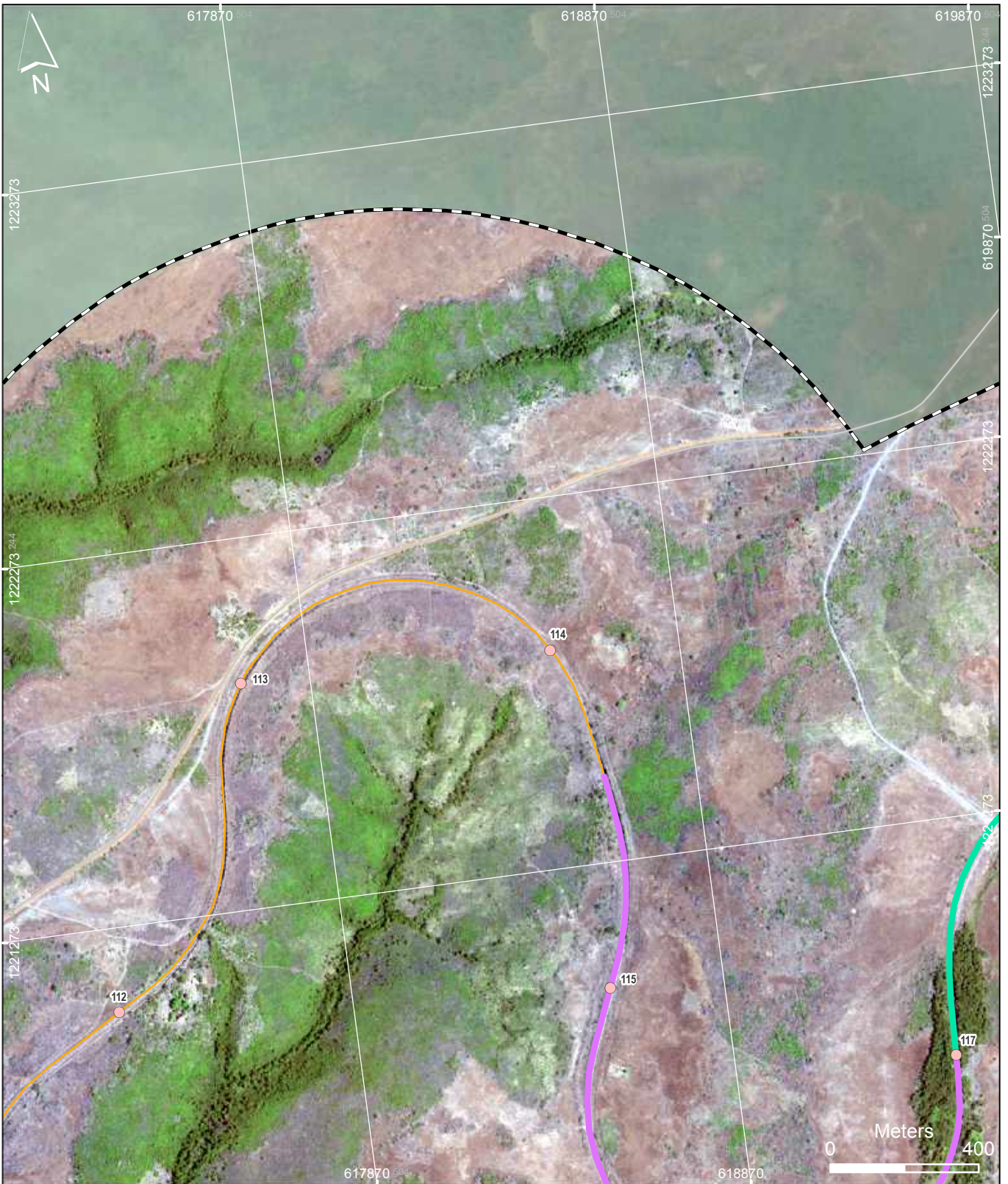
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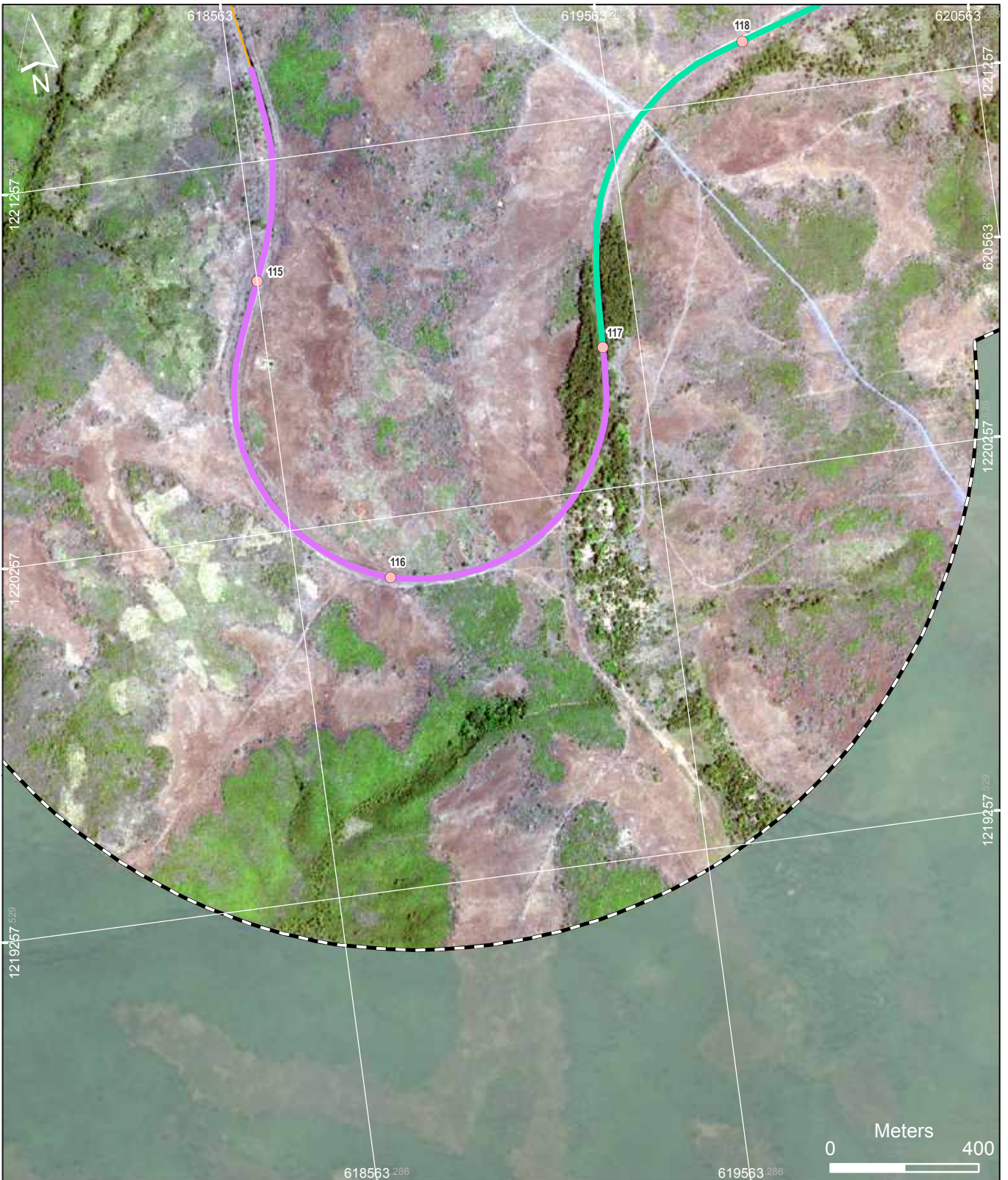
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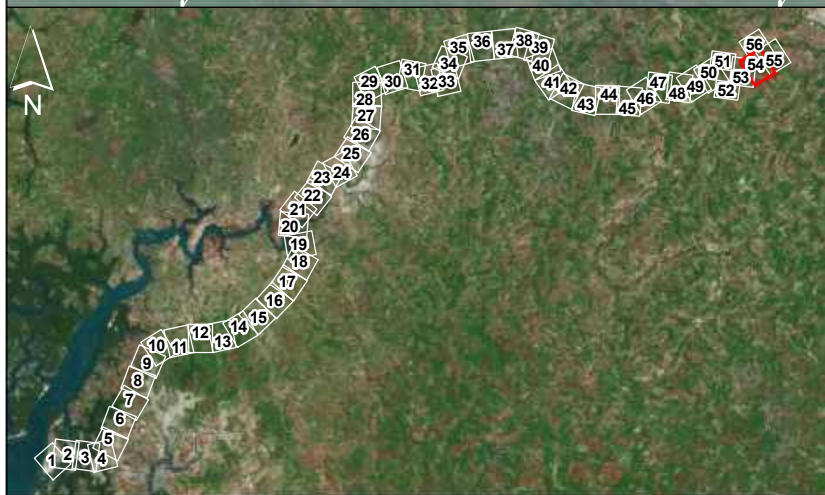
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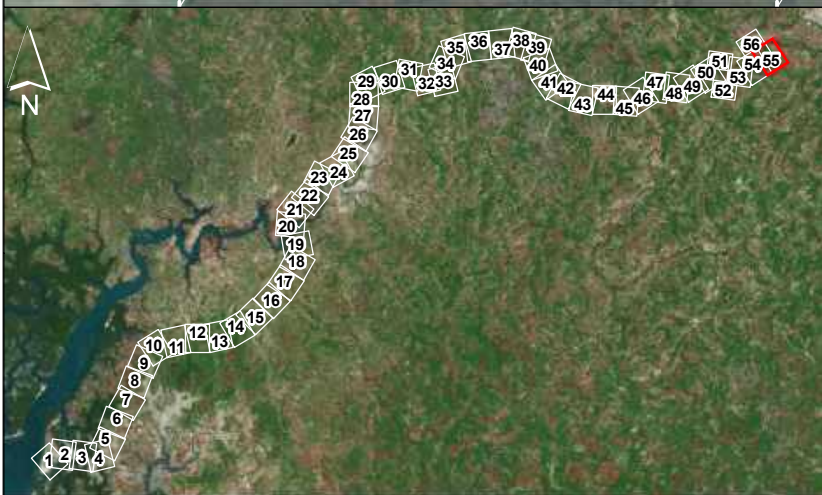
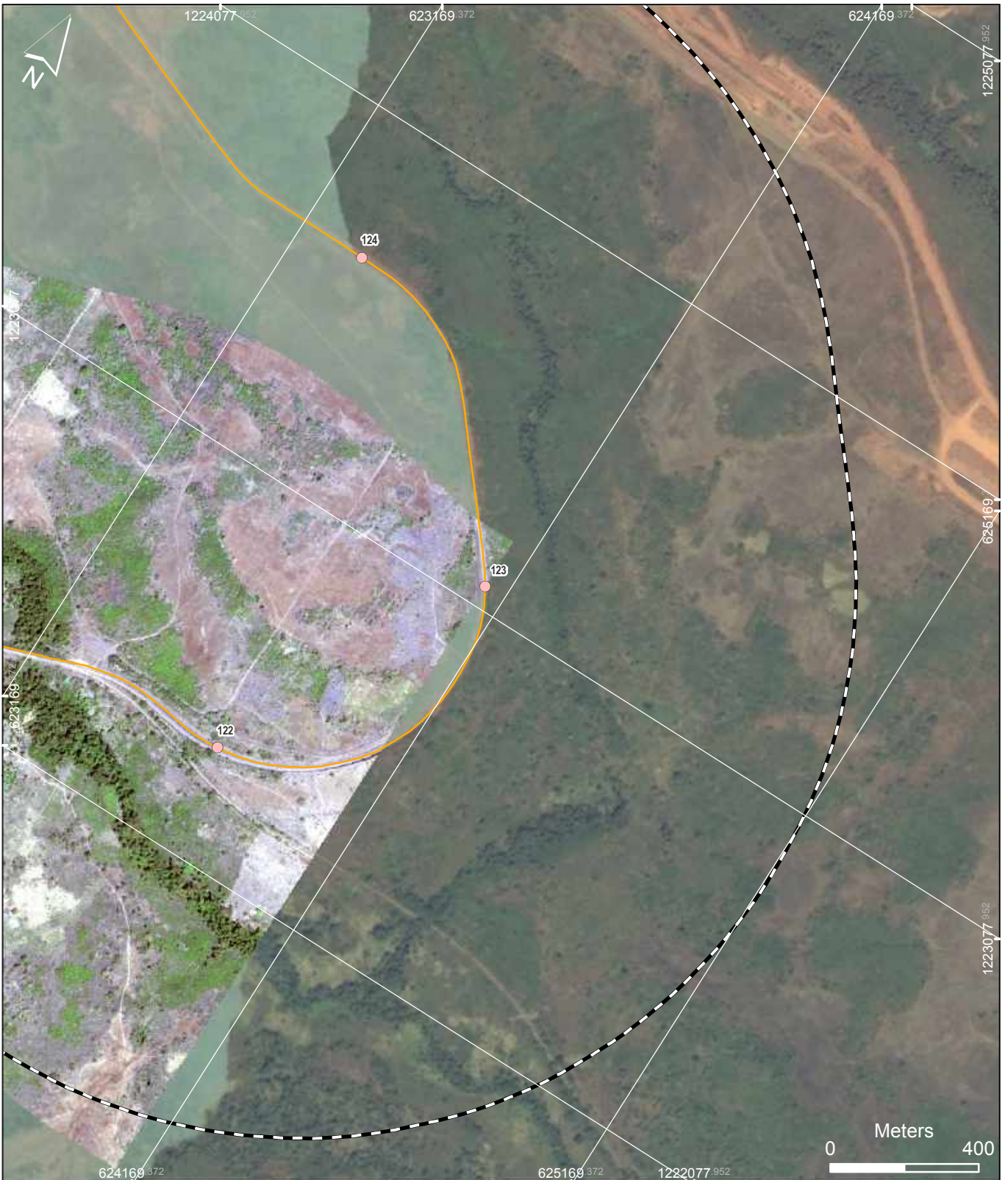
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Annexe 7.D

Résultats des inventaires de biodiversité - Flore

Liste des espèces de flore identifiées

N°	Famille	Nom scientifique	Nom vernaculaire	Type biologique	Statut		Espèce envahissante
					Monographie nationale	UICN	
1	ASTERACEAE	<i>Acanthospermum hispidum</i>		Herbe			
2	ZINGIBERACEAE	<i>Aframomum elliotii</i>	Gôgô	Herbe			
3	ZINGIBERACEAE	<i>Aframomum latifolium</i>	Gôgô	Herbe			
4	LEGUMINOSAE-CAES	<i>Afzelia africana</i>	Lengué	Arbre	Menacée	LC	
5	LEGUMINOSEAE-MIM.	<i>Albizia adianthifolia</i>	Maronai	Arbre		LC	
6	LEGUMINOSEAE-MIM.	<i>Albizia zigia</i>	Maronai	Arbre			
7	EUPHORBICEAE	<i>Alchornea cordifolia</i>	Garkassaki	Arbuste	Vulnérable		
8	EUPHORBIACEAE	<i>Alchornea floribunda</i>		Arbt- lianiforme			
9	SAPINDACEAE	<i>Allophylus africanus</i>	Kolidiowi	Arbuste			
10	APOCYNACEAE	<i>Alstonia congoensis</i>	Bantanforo	Arbre			
11	VITACEAE	<i>Ampelocissus africana</i>	Laka	Liane			
12	ANACARDIACEAE	<i>Anacardium occidentale</i>	Yalagué	Petit arbre			X
13	BROMELIACEAE	<i>Ananas comosus</i>	Fougné	Herbe			
14	ARACEAE	<i>Anchomanes difformis</i>	Silipouti	Herbe			
15	POACEAE	<i>Andropogon gajanus</i>	Dioban	Herbe			
16	ANISOPHYLLACEAE	<i>Anisophyllea laurina</i>	Kansi	Arbuste ou arbre			
17	ANNONACEAE	<i>Annona senegalensis</i>	Doukounmé	Arbuste			
18	LOGANIACEAE	<i>Anthocleista nobilis</i>	Bheidomodjo	Arbre			
19	LEGUMINOSAE-CAES	<i>Anthonotha crassifolia</i>	Boubé	Petit arbre			
20	EUPHORBIACEAE	<i>Anthostema senegalensis</i>	Bouro	Arbre			
21	MORACEAE	<i>Arthocarpus communis</i>		Arbre			
22	ASTERACEAE	<i>Aspilia africana</i>		Herbe			
23	RUBIACEAE	<i>Bertiera spicata</i>		Arbuste			
24	BOMBACACEAE	<i>Bombax costatum</i>	Loukoun	Arbre			

25	EUPHORBIACEAE	<i>Bridelia micrantha</i>	Daafi	Petit arbre			
26	LEGUMINOSEAE-PAP.	<i>Calopogonium mucunoides</i>		Liane			
27	CANNACEAE	<i>Canna indica</i>		Herbe			
28	MELIACEAE	<i>Carapa procera</i>	Gobi	Arbre			
29	CARICACEAE	<i>Carica papaya</i>	Boudi	Arbre			
30	LEGUMINOSAE-CAES	<i>Cassia alata</i>		Petit arbuste	Vulnérable		
31	LEGUMINOSAE-CAES	<i>Cassia sieberiana</i>	Sindja	Arbuste	Vulnérable		
32	BOMBACACEAE	<i>Ceiba pentadra</i>	Bantan	Arbre			
33	APIACEAE	<i>Centella asiatica</i>		Herbre			LC
34	ARACEAE	<i>Cercestis cogensis</i>		Liane			LC
35	ASTERACEAE	<i>Chromolaena odorata</i>		Herbe			
36	VITACEAE	<i>Cissus polyantha</i>		Liane			
37	RUTACEAE	<i>Citrus lemon</i>	Kadjou	Arbre			
38	VERBENACEAE	<i>Clerodendron umbellatum</i>		Arbte-lianiforme			
39	CONNARACEAE	<i>Cnestis ferruginea</i>	Talkidawa	Arbuste			
40	STERCULIACEAE	<i>cola cordifolia</i>	gumbambé	arbre	Vulnérable		
41	COMBRETACEAE	<i>Combretum glutinosum</i>	Karmafassa	Petit arbre			
42	COMBRETACEAE	<i>Combretum leucardii</i>	Bori dané	Arbuste			
43	COMBRETACEAE	<i>Combretum micranthum</i>	Kankaliba	Arbuste	Vulnérable		
44	ZINGIBERACEAE	<i>Costus afer</i>	Gogo thiangol	Herbe			
45	BIGNONIACEAE	<i>Crescentia cujete</i>	Goré ledhé	Petit arbre			
46	RUBIACEAE	<i>Crossopteryx febrifuga</i>	Belindé	Petit arbre			
47	LEGUMINOSEAE-PAP.	<i>Crotalaria retusa</i>		Herbe			
48	EUPHORBIACEAE	<i>Croton hirtus</i>		Herbe			X
49	LEGUMINOSAE-CAES	<i>Daniellia oliveri</i>	Thiéwé	Arbre			
50	LEGUMINOSAE-MIM	<i>Desmodium setigerum</i>		Petit herbe			
51	LEGUMINOSAE-CAES	<i>Detarium senegalensis</i>	Boto	Arbre			
52	LEGUMINOSAE-CAES	<i>Dialium guineense</i>	Meko	Arbre			
53	LEGUMINOSAE-MIM	<i>Dichrostachys cinerea</i>	Boulé beté	Arbuste			LC

54	DIOSCOREACEAE	<i>Dioscorea bulbifera</i>	Pouri balé	Herbe			
55	DIOSCOREACEAE	<i>Dioscorea dumetorum</i>		Herbe			
56	EBENACEAE	<i>Diospyros heudelotii</i>	Sila bono	Arbe			
57	MELASTOMATACEAE	<i>Dissotis tibulosa</i>		Herbe dioique			
58	PTERIDACEAE	<i>Dryopteris olligodonta</i>	Kollo	Herbe			
59	ARECACEAE	<i>Elaeis guineensis</i>	Tougui	Arbre	Vulnérable		
60	LEGUMINOSEAE-PAP.	<i>Eriosema glomeratum</i>		Herbe			
61	LEGUMINOSEAE-PAP.	<i>Erythrina senegalensis</i>	Bothiola	Arbre		LC	
62	LEGUMINOSAE-CAES	<i>Erythrophleum guineense</i>	Tely	Arbre			
63	EUPHORBIACEAE	<i>Euphorbia hirta</i>		Arbuste			
64	RUTACEAE	<i>Fagara leprieurii</i>	Boulé barkelen	Arbre			
65	RUTACEAE	<i>Fagara xantoxylodes</i>		Arbre			
66	MORACEAE	<i>Ficus exasperata</i>	Niengné	Arbuste			
67	MORACEAE	<i>Ficus glumosa</i>	Nonko	Arbre			
68	MORACEAE	<i>Ficus ingens</i>	Thiéké	Arbre			
69	MORACEAE	<i>Ficus sur</i>	Djibhé	Arbre			
70	HYPERICACEAE	<i>Garcinia cola</i>		Arbuste			
71	RUBIACEAE	<i>Gardenia erubescens</i>	Bossé	Arbuste			
72	LILIACEAE	<i>Gloriosa superba</i>		Herbe			
73	TILIACEAE	<i>Grewia mollis</i>	Bolé	Arbuste			
74	RUBIACEAE	<i>Hallea stipulosa</i>	popo	Arbuste	Menacée	VU	
75	MELIACEAE	<i>Hannoa hundulata</i>		Arbre	Menacée		
76	HYPERICACEAE	<i>Harungana madagascariensis</i>	Soungala	Arbuste	Menacée		
77	MALVACEAE	<i>Hibiscus sabdariffa</i>	Foleré	Herbe			
78	MALVACEAE	<i>Hibiscus sterculiifolius</i>		Arbuste			
79	APOCYNACEAE	<i>Holarrhena floribunda</i>	Endhama	Arbuste			
80	LAMIACEAE	<i>Hoslundia opposita</i>		Arbuste			
81	EUPHORBIACEAE	<i>Hymenocardia acida</i>	Pelitoro	Arbuste	Menacée		

82	POACEAE	<i>Hyparrhenia diplanda</i>		Herbe			
83	LAMIACEAE	<i>Hyptis suaveolens</i>	Louba loubi	Herbe			
84	ICACINACEAE	<i>Icacina senegalensis</i>	Sila	Herbe			
85	POACEAE	<i>Imperata cylindrica</i>		Herbe			
86	LEGUMINOSEAE-PAP.	<i>Indigofera macrophylla</i>		Herbe			
87	CONVOLVILACEAE	<i>Ipomoea involucrata</i>		Herbe			
88	MELIACEAE	<i>Khaya senegalensis</i>	Kahi	Arbre	Menacée	VU	
89	APOCYNACEAE	<i>Landolphia heudelotii</i>	Poré lamou	Liane	Menacée		
90	ANACARDIACEAE	<i>Lannea acida</i>	Thioko	Petit arbre			
91	ANACARDIACEAE	<i>Lannea velutina</i>	Thiouko	Arbre			
92	LEGUMINOSAE-CAES	<i>Lecaniodiscus cupanioides</i>	Satagua	Arbuste			
93	RUBIACEAE	<i>Leptactina senegambica</i>	Karoukaroundé	Arbuste			
94	LEGUMINOSEAE-PAP	<i>Lonchocarpus cyanescens</i>	N'gara	Liane	Menacée		
95	OCHNACEAE	<i>Lophira lanceolata</i>	Malangua	Arbre	Vulnérable		
96	ANACARDIACEAE	<i>Mangifera indica</i>	Manguo	Arbre			
97	EUPHORBIACEA	<i>Manihot exculenta</i>	Bantara	Arbuste			
98	MARANTACEAE	<i>Marantochloa pupurea</i>	Barou	Herbe			
99	EUPHORBIACEAE	<i>Margaritaria discoidea</i>	Keri	Arbuste			
100	BIGNONIACEAE	<i>Markhamia tomentosa</i>	Kaafa wadou	Arbre			
101	LEGUMINOSAE-CAES	<i>Mezoneuron benthamianum</i>		Liane			
102	MORACEAE	<i>Milicia excelsa</i>	Bani	Arbre	Menacée		
103	RUBIACEAE	<i>Morinda geminata</i>	Wanda	Arbuste			
104	LEGUMINOSEAE-PAP	<i>Mucuna pruriens</i>	Niadhé bagui	Grande herbe			
105	MORACEAE	<i>Myrianthus serratus</i>	waka waka	Arbuste			
106	CYPERIACEAE	<i>Nemum spadiceum</i>		herbe			
107	BIGNONIACEAE	<i>Newbouldia laevis</i>	Soukounden	Arbuste			
108	POACEAE	<i>Olyra latifolia</i>	Kewé diawoulé	Herbe			
109	MELASTOMATACEAE	<i>Osbeckia tubulosa</i>		Petit herbe			

110	COMMELINACEAE	<i>Palisota hirsuta</i>		Herbe		
111	GRAMINAE	<i>Panicum laxium</i>		Herbe		
112	CHRYSOBALANACEAE	<i>Parinari excelsa</i>	Sougué	Arbre		
113	LEGUMINOSAE-MIM	<i>Parkia bicolor</i>	Nété thianguol	Arbre		LC
114	LEGUMINOSAE-MIM	<i>Parkia biglobosa</i>	Neté	Arbre	Vulnérable	
115	POACEAE	<i>Paspalum scrobiculatum</i>		Herbe		
116	LEGUMINOSAE-CAES	<i>Piliostima thonningii</i>	Barkè	Arbre		
117	PASSIFLORACEAE	<i>Passiflora foetida</i>		Herbe		
118	SAPINDACEAE	<i>Paullina pinnata</i>		Liane	Menacée	
119	RUBIACEAE	<i>Pavetta sp</i>		Petit arbuste		
120	POACEAE	<i>Pennisetum polystachyon</i>	Pouki	Herbe		
121	POACEAE	<i>Pennisetum purpureum</i>	Pouki	Herbe		
122	LAURACEAE	<i>Persea americana</i>	Piya	Arbre		
123	EUPHORBIACEAE	<i>Phyllanthus hispidus</i>	tepé daronlla	Arbuste lianiforme		
124	EUPHORBIACEAE	<i>Phyllanthus muellerianus</i>	tepé daronlla	Arbuste lianiforme		
125	SOLANACEAE	<i>Physalis angulata</i>		Herbe		
126	LEGUMINOSEAE-MIM.	<i>Prosopis africana</i>	Tiélen	Arbre		
127	LEGUMINOSEAE-PAP	<i>Pterocarpus erinaceus</i>	Bani	Arbre		
128	LEGUMINOSEAE-PAP	<i>Pterocarpus santalinoides</i>	Diégou	Arbre		LR/lc
129	ARECACEAE	<i>Raphia palma-pinus</i>		Sube-ligneux		DD
130	APOCYNACEAE	<i>Rauwolfia vomitoria</i>	Modja thialele	Arbuste		
131	RHIZOPHORACEAE	<i>Rhizophora mangle R. racemosa</i>	Kinsi	Arbuste		LC
132	POACEAE	<i>Rottboellia cf exaltata</i>	Kalin	herbe		
133	CELASTRACEAE	<i>Salacia dibilis</i>		Liane		
134	RUBIACEAE	<i>Sarcocephalus exculentus</i>	Doundouké	Arbuste		
135	RUBIACEAE	<i>Sarcocephalus pobeguini</i>	Doundouke thiangol	Arbuste	Menacée	
136	SOLANACEAE	<i>Schwenkia americana</i>	Lewgnouko	herbe		
137	POACEAE	<i>Scleria boivinii</i>		herbe		

138	POLYGALACEAE	<i>Securidaca longepedunculata</i>	Dioutou	Arbuste			
139	GRAMINAE	<i>Setaria megaphylla</i>		Herbe			
140	MALVACEAE	<i>Sida rhombifolia</i>	Sakati	herbe			
141	SMILACACEAE	<i>Smilax anceps</i>	Goligoli	Liane			
142	ANACARDIACEAE	<i>Sorindeia juglandifolia</i>	Sandji bombo	Arbuste			
143	ANACARDIACEAE	<i>Spondias mombin</i>	Tialé	Arbre	Menacée		
144	STERCULIACEAE	<i>Sterculia tragacantha</i>	Tiapelegué	Arbre			
145	APOCYNACEAE	<i>Strophanthus hispidus</i>	Toké	Grande liane			
146	SAPOTACEAE	<i>Synsepalum afzelii</i>		Arbuste			
147	LORANTHACEAE	<i>Tapinanthus dodoneifolius</i>	Soto	Hémiparasite			
148	COMBRETACEAE	<i>Terminalia albida</i>	Bori dané	Arbuste			
149	COMBRETACEAE	<i>Terminalia glaucescens</i>	Bori bilele	Arbre			
150	DILENIACEAE	<i>Tetracera potatoria</i>		Liane			
151	ULMACEAE	<i>Trema guineensis</i>		Arbuste			
152	TILIACEAE	<i>Triumfetta cordifolia</i>	Nedhé	Arbuste			
153	MALVACEAE	<i>Urena lobata</i>	Nedhé	Herbe			
154	ANNONACEAE	<i>Uvaria chamae</i>	Boylé	Arbuste			
155	ASTERACEAE	<i>Vernonia colorata</i>	Bantara bourouré	Arbuste			
156	HYPERICACEAE	<i>Vismia guineensis</i>	Soungala djon	Arbuste			
157	VERBENACEAE	<i>Vitex doniana</i>	Bhoummé	Arbre	Menacée		
158	APOCYNACEAE	<i>Voacanga africana</i>		Arbuste			
159	OLEACEAE	<i>Ximenia americana</i>	Thiabou	Arbuste	Menacée		

LC=LR/lc=à préoccupation mineure ; VU=vulnérable ; DD=données insuffisantes.

Annexe 7.E

Résultats des inventaires de biodiversité - Mammifères

Liste générale des espèces de mammifères susceptibles d'être rencontrées sur les différents sites d'après les enquêtes auprès des chasseurs et de la population locale

N°	Nom scientifique	Nom commun (Français)	Nom local (Poular)	Sites		
				Sangaredi	Tanéne	Kolaboui
				PK115 - PK120	PK68 -PK77	PK40 - PK43
1	<i>Cephalophus silvicultor</i>	Céphalophe à dos jaune	Mountouwal	x		
2	<i>Tragelaphus scriptus</i>	Guib harnaché	Diaourè	x	x	x
3	<i>Cephalophus dorsalis</i>	Céphalophe bai	Bolerè	x	x	x
4	<i>Hystrix cristata</i>	Porc-épic	Sagnaldè	x	x	x
5	<i>Cephalophus rufilatus</i>	Céphalophe à flanc roux	Toguèrè	x	x	x
6	<i>Cephalophus maxwelli</i>	Céphalophe de maxwell	Loporè	x	x	x
7	<i>Lepus saxatilis</i>	Lièvre des rochers	N'dèrèrè (Sariret)	x	x	
8	<i>Cyncerus caffer</i>	Buffle	Eda	x		
9	<i>Potamochoerus porcus</i>	Potamochère	Kossè	x	x	
10	<i>Phacochoerus africanus</i>	Phacochère	Boubba	x		
11	<i>Pan troglodytes verus</i>	Chimpanzé	Demou	x		
12	<i>Erythrocebus patas</i>	Singe rouge	Koulaboudoukè (koula bhodè)	x	x	x
13	<i>Cercopithecus sabaeus</i>	Singe vert	Koula mèla (Kèro)	x	x	x
14	<i>Papio papio</i>	Babouin de Guinée	Ghoki	x		
15	<i>Atilax paludinosus</i>	Mangouste des marais	Akkakörö	x	x	x
16	<i>Geneta tigrina</i>	Genette tigrine	Bouto- diaba	x	x	x
17	<i>Canis adustus</i>	Chacal à flancs rayés	N'dondou	x	x	
18	<i>Thryonomys swinderianus</i>	Aulacode	Soppö(magna)	x	x	x
19	<i>Phataginus tricuspis</i>	Pangolin commun	Konsowal	x	x	x
20	<i>Civettictis civetta</i>	Civette d'Afrique	Bouto-beyi	x	x	
21	<i>Colobus polykomos</i>	Colobe à Camail	Bando leydi	x	x	
22	<i>Cercocebus atys</i>	Cercocèbe fuligineux	Koula kikirissa	x	x	

23	<i>Euxerus erythropus</i>	Ecureuil fouisseur	N'guirou	x	x	x
24	<i>Procolobus badius</i>	Colobe rouge occidental	Bando	x		
25	<i>Hyemoschus aquaticus</i>	Chevrotin aquatique	Pithialdè	X		

Liste générale des espèces de mammifères inventoriées sur le site par observations directes et indirectes et leur statut de conservation

N°	Famille	Nom scientifique	Nom français	Signes	Statuts	
					Guinée	UICN
1	BOVIDAE	<i>Tragelaphus scriptus</i>	Guib harnaché	Crotte, Empreinte, Peau		LR
2	ANTILOPINAE	<i>Cephalophus dorsalis</i>	Céphalophe bai	Empreinte	Menacé	LR
3		<i>Cephalophus rufilatus</i>	Céphalophe à flanc roux	Empreinte	Menacé	LR
4	HYSTRICDAE	<i>Hystrix cristata</i>	Porc-épic	Fouille	Vulnérable	LC
5	VIVERIDAE	<i>Lepus saxatilis</i>	Lièvre des rochers	Vue		LC
6	SUIDAE	<i>Potamochoerus porcus</i>	Potamochère	Crotte	Menacé	LC
7	HOMNIDAE	<i>Pan troglodytes verus</i>	Chimpanzé	Nid	Menacé	CR
8	CERCOPITECIDEA	<i>Erythrocebus patas</i>	Singe rouge	Vue	Vulnérable	LC
9		<i>Cercopithecus sabaues</i>	Singe vert	Vue		LC
10		<i>Cercopithecus campbelli</i>	Mone de Campbell	Cris	Vulnérable	LC
11		<i>Cercocebus atys</i>	Cercocèbe fuligineux	Crotte		NT
12	COLOBIDAE	<i>Colobus polykomos</i>	Colobe à Camail	Vue	Vulnérable	VU
13	HERPESTIDAE	<i>Atilax paludinosus</i>	Mangouste des marais	Empreinte		LC
14	CANIDAE	<i>Canis adustus</i>	Chacal à flancs rayés	Empreinte		LC
15	SCIURIDAE	<i>Funisciurus pyrropus</i>	Ecureuil à patte rousse	Vue	Menacé	LC
16		<i>Euxerus erythropus</i>	Ecureuil fouisseur	Vue		LC
17	VIVERIDAE	<i>Geneta sp</i>	Genette	Empreinte		LC
18	FELIDAE	<i>Felis serval</i>	Serval	Crotte		LC
19	THRYONOMYIDAE	<i>Thryonomys swinderianus</i>	Aulacode	Tiges coupées		LC

LC=LR=à préoccupation mineure; CR=en danger critique; NT=quasi menace; VU=vulnérable.

Annexe 7.F

Résultats des inventaires de biodiversité - Reptiles

Liste des reptiles inventoriés sur le terrain

Date	Site	Habitat	Coordonnées		Famille	Nom latin	UICN	Statut national
			N	W				
29/09/2016	Pk117	zone rocheuse	11.03515°	013.91032°	Agamidae	<i>Agama boensis</i>	LC	
29/09/2016	Pk 117	Savane arbustive	11.04216°	013.90643°	Agamidae	<i>Agama boensis</i>	LC	
29/09/2016	pk 117	Savane arbustive	11.04216°	013.90643°	Gekkonidae	<i>Hemidactylus kundaensis</i>	CR	
29/09/2016	Pk 117	Savane arbustive	11.04186°	013.90707°	Gekkonidae	<i>Lygodactylus gutturalis</i>		
29/09/2016	Pk 115	Galerie forestière	11°02'5.5"	013°55'10.2"	Varanidae	<i>Varanus niloticus</i>		Vulnérable
30/09/2016	Pk 120	Savane arbustive	11.04987°	013.88372°	Agamidae	<i>Agama africana</i>	LC	
30/09/2016	Pk 120	Savane arbustive	11.04987°	013.88372°	Varanidae	<i>Varanus niloticus</i>		Vulnérable
30/09/2016	PK 119	Plantation de palmiers	11.04882°	013.88648°	Scincidae	<i>Trachylepis affini</i>		
30/09/2016	Pk 115	savane (zone de roche)	11.03464°	013.91436°	Agamidae	<i>Agama sankaranica</i>		
30/09/2016	pk 115	Savane arbustive	11°03'64.2°	013.91433°	Scincidae	<i>Trachylepis perroteti</i>	DD	
01/10/2016	pk 71	Jachère péri-villageoise	11.04382°	014.22835°	Agamidae	<i>Agama agama</i>		
01/10/2016	pk 71	Jachère de plus de 6ans	11.04761°	014.23842°	Gekkonidae	<i>Lygodactylus gutturalis</i>		
01/10/2016	pk 71	Forêt secondaire	11.04487°	014.22656°	Gekkonidae	<i>Hemidactylus kundaensis</i>	CR	
01/10/2016	PK 71	Galerie forestière	11°02'28.6"	014.13'32.8"	Varanidae	<i>Varanus niloticus</i>		Vulnérable
02/10/2016	pk 74	savane arbustive	11.03964°	014.20020°	Gekkonidae	<i>Hemidactylus angulatus</i>		
02/10/2016	pk 76	Village Tchankoun rail (flac d'eau)	11°03'54.4"	014°11'41.7"	Pelomedusidae	<i>Pelomedusa subrufa</i>		
02/10/2016	PK 77	Plantation d'anacardiens	11.06304°	014.19159°	Gekkonidae	<i>Lygodactylus gutturalis</i>		
02/10/2016	pk 77	Galerie forestière	11.06350°	014.19441°	Varanidae	<i>Varanus niloticus</i>		Vulnérable
03/10/2016	pk 43	champs de riz	10.87718°	014.34748°	Agamidae	<i>Agama boensis</i>	LC	
03/10/2016	pk 43	Savane arbustive	10.87451°	014.34871°	Agamidae	<i>Agama agama</i>		
04/10/2016	pk 119	Savane herbacée sur bowal	11.04503°	013.88618°	Scincidae	<i>Chalcides pulchellus</i>	LC	

CR=en danger critique; LC=à préoccupation mineure; DD=données insuffisantes

Annexe 7.G

Résultats des inventaires de biodiversité - Amphibiens

Résultats des inventaires d'amphibiens pendant la mission de terrain

Date	Site	Habitat	Coordonnées		Famille	Espèce
			N	W		
29/09/2016	Pk117	Rivière Parawol	11°02'34.0"	013°54'22.2"	Ranidae	<i>Ptychadena pumilio</i>
29/09/2106		flac d'eau	11°01'29.6"	013°54'22.2"	Dicroglossidae	<i>Hoplobatrachus occipitalis</i>
29/09/2106	PK116	Forêt galerie	11°01'29.6"	013°55'40.01"	Bufoidea	<i>Phrynobatrachus natalensis</i>
30/09/2016	PK120	Cours d'eau	11°02'43.4"	013°53'16.1"	Ranidae	<i>Ptychadena arnei</i>
30/09/2016		Plantation d'anacardier	11°02'53.1"	013°53'04.5"	Arthroleptidae	<i>Leptopelis viridis</i>
30/09/2016	PK116	Formation herbeuse (savane)	11°02'53.1"	013°53'04.7"	Bufoidea	<i>Amietophrynus maculatus</i>
30/09/2016	PK117	Formation herbeuse (bowal)	11°02'42.8"	013°54'17.1"	Dicroglossidae	<i>Hoplobatrachus occipitalis</i>
30/09/2016		Formation herbeuse (savane)	11°02'42.9"	013°54'17.4"	Bufoidea	<i>Amietophrynus regularis</i>
30/09/2106		Forêt galerie	11°02'42.1"	013°54'18.5"	Dicroglossidae	<i>Aubria occipitalis</i>
30/09/2016	PK116	Formation herbeuse (savane)	11°02'39.4"	013°54'20.3"	Dicroglossidae	<i>Hoplobatrachus occipitalis</i>
30/09/2016		Formation herbeuse (bowal)	11°02'09.7"	013°54'21.5"	Pipidae	<i>Pseudhymenochirus merlini</i>
30/09/2016		Forêt galerie	11°02'12.6"	013°54'21.1"	Ranidae	<i>Ptychadena arnei</i>
01/10/2016	PK71	Formation herbeuse (savane)	11°02'45.5"	014°13'43.3"	Dicroglossidae	<i>Hoplobatrachus occipitalis</i>
01/10/2016	PK70	Formation herbeuse (savane)	11°02'47.3"	014°13'46.4"	Ranidae	<i>Ptychadena mascareniensis</i>
01/10/2016		Formation herbeuse (bowal)	11°02'50.9"	014°14'13.4"	Ranidae	<i>Ptychadena arnei</i>
01/10/2016		Formation (arborée)	11°02'44.7"	014°14'41.0"	Ranidae	<i>Ptychadena pumilio</i>
02/10/2016	PK117	Formation (arborée)	11°02'42.6"	013°54'17.1"	Hyperoliidae	<i>Hyperolius concolor</i>
02/10/2016		Formation (arborée)	11°02'42.6"	013°54'17.1"	Hyperoliidae	<i>Hyperolius torrentis</i>
02/10/2106		Formation herbeuse (bowal)	11°02'58.7"	013°53'24.3"	Hyperoliidae	<i>Hyperolius sp.</i>
02/10/2016		Antenne CBG	11°02'43.5"	013°54'17.3"	Bufoidea	<i>Amietophrynus maculatus</i>
02/10/2106	PK119	Formation herbeuse (bowal)	11°02'57.9"	013°53'46.7"	Bufoidea	<i>Amietophrynus maculatus</i>
02/10/2016		Formation herbeuse (bowal)	11°02'58.7"	013°53'24.3"	Bufoidea	<i>Amietophrynus regularis</i>
03/10/2016	PK41	Formation anthropique (rizicole)	11°53'30.8"	014°20'49.9"	Ranidae	<i>Ptychadena mascareniensis</i>
03/10/2016	PK43	Forêt galerie	11°52'30.8"	014°20'49.9"	Ranidae	<i>Ptychadena oxyrhynchus</i>
03/10/2016		Formation herbeuse (savane)	11°52'26.4"	014°20'59.9"	Hyperoliidae	<i>Kassina maculata</i>
03/10/2016		Formation herbeuse (savane)	11°52'13.3"	014°21'00.9"	Ranidae	<i>Ptychadena retropunctata</i>
04/10/2016		Formation herbeuse (savane)			Bufoidea	<i>Amietophrynus sp.</i>

Annexe 8.A

Zone d'étude sociale

Figure 1 Zone d'étude sociale de Kamsar centre à Denken (PK1.8 à 40)

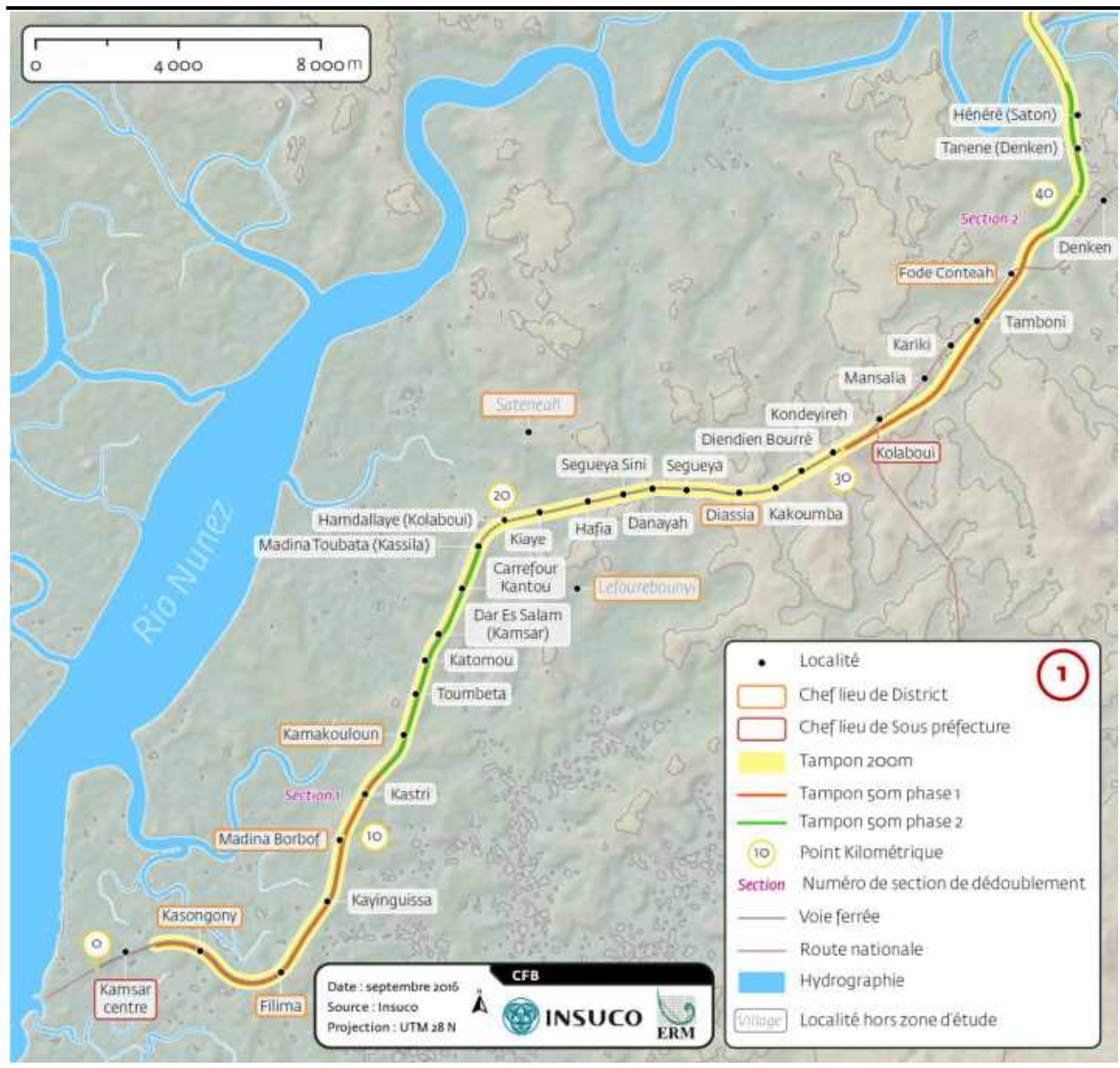


Figure 2 Zone d'étude sociale de Denken à S.Diarabaka (PK 40 à 83)

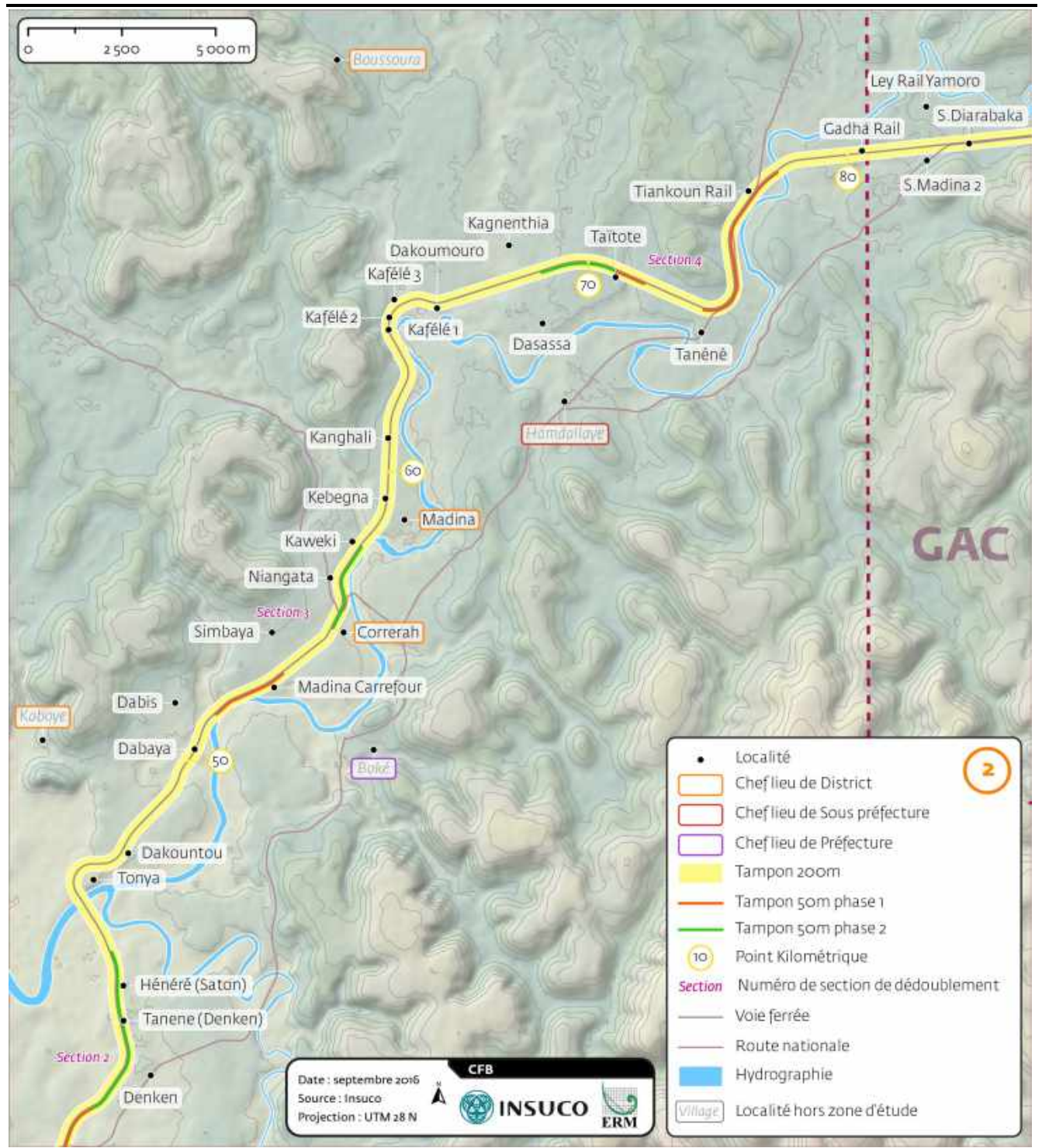
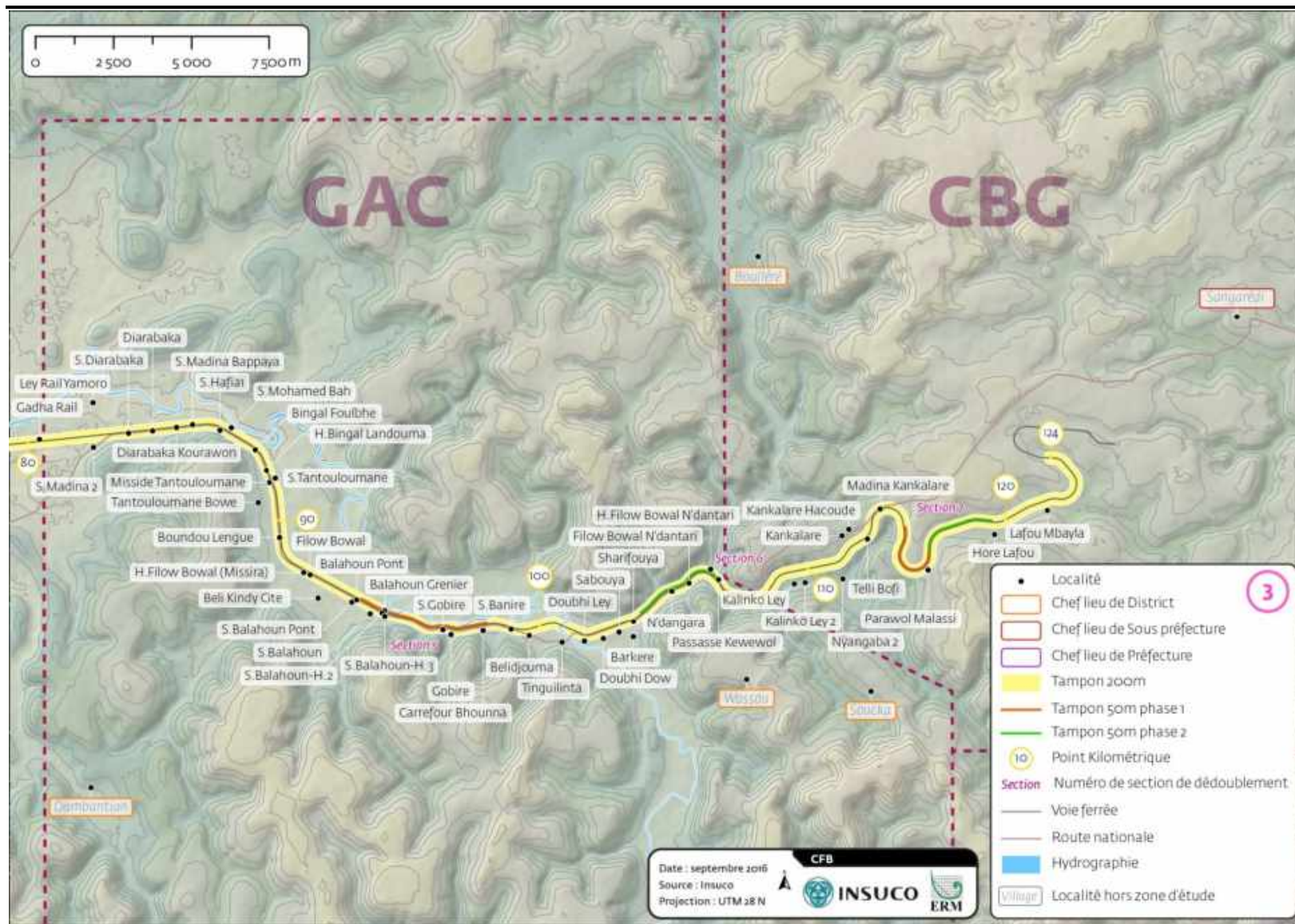


Figure 3 Zone d'étude sociale de S.Diarabaka à Lafou Mbayla (PK 83 à 138)



Annexe 8.B

Répartition des localités par district

Tableau 1 Localités de l'étude et découpage administratif

Sous-préfecture / Commune	District	Localité			
Kamsar	Kamsar centre	Kamsar centre			
	Kasongony	Kasongony			
	Filima	Filima			
	Madina Borboff		Kayinguissa		
			Madina Borbof		
	Kamakouloun		Kastri		
			Kamakouloun		
			Toumbeta		
			Katomou		
			Dar Es Salam (Kamsar)		
Carrefour Kantou					
Madina Toubata (Kassila)					
Kolaboui	Lefourebounyi	Hamdallaye (Kolaboui)			
	Sateneah	Kiaye			
	Lefourebounyi	Hafia			
	Sateneah	Danayah			
	Diassia		Segueya Sini		
			Segueya		
			Diassia		
			Kakoumba		
			Yènyèn Bourre		
	Kolaboui centre		Kondeyireh		
			Kolaboui		
			Mansalia		
			Kariki Madina		
	Fodé Conteah		Tamboni		
			Fodé Conteah		
			Denken		
Tanene (Denken)					
Tanene	Kaboye	Hénéré (Saton)			
		Tonya			
Boké	Correrah	Dakountou			
		Dabaya			
		Dabis			
		Madina Carrefour			
		Simbaya			
		Correrah			
		Niangata			
	Madina Kebegna		Kaweki		
			Madina		
			Kebegna		
			Kanghali		
			Boussoura		Kafele1
					Kafele2
Kafele3					
Dakoumouro					
Kagnenthia					
Tanene	Tanene centre	Dasassa			
		Taïtote			
		Tanene			
		Tiankoun Rail			
		Gadha Rail			
		S.Madina 2			
		Ley Rail Yamoro			

Sous-préfecture / Commune	District	Localité	
		S.Diarabaka	
		Diarabaka	
		Diarabaka Kourawon	
		S.Madina Bappaya	
	Dambantian		S.Hafia1
			S.Mohamed Bah
			Bingal Foulbhe
			H.Bingal Landouma
	Tanene centre		S.Tantouloumane
			Misside Tantouloumane
			Tantouloumane Bowe
	Dambantian		Boundou Lengue
			H.Filow Bowal (Missira)
			Filow Bowal
			Beli Kindy Cite
			S.Balahoun Pont
			Balahoun Pont
			S.Balahoun
			S.Balahoun-H.2
			Balahoun Grenier
S.Balahoun-H.3			
S.Gobire			
Gobiré			
Carrefour Bhouna			
S.Banire			
Belidjouma			
Tinguilinta			
Sangaredi	Boulléré	Doubhi Ley	
		Doubhi Dow	
		Sabouya	
	Wossou	Barkéré	
	Boulléré		Sharifouya
			N'dangara
			Filow Bowal N'dantari
	Soucka		H.Filow Bowal N'dantari
			Passasse Kewewol
	Wossou		Kalinko Ley
			Kalinko Ley 2
	Soucka		Nyangaba 2
			Kankalare
			Kankalare Hacoudé
			Teli Bofi
			Madina Kankalare
	Thiankounaye		Parawol Malassi
Hore Lafou			
		Lafou Mbayla	

Annexe 8.C

Population par localité

Tableau 1 *Taille de la population des localités de l'étude*

Localité	Commune	Nombre d'individus	Source	
Kamsar centre	Kamsar	20 000	estimation	
Kasongony		25 000	estimation	
Filima		20 000	estimation	
Kayinguissa		4 000	estimation	
Madina Borboff		3 000	estimation	
Kastri		700	estimation	
Kamakouloun		650	estimation	
Toumbeta		350	estimation	
Katomou		500	estimation	
Dar Es Salam (Kamsar)		400	estimation	
Carrefour Kantou		260	estimation	
Madina Toubata (Kassila)		500	estimation	
Hamdallaye (Kolaboui)		Kolaboui	120	estimation
Kiaye			1148	estimation
Hafia	200		estimation	
Danayah	949		autorités	
Segueya Sini	120		estimation	
Segueya	600		estimation	
Diassia	1200		estimation	
Kakoumba	355		estimation	
Yenyen Bourre	864		autorités (2016)	
Kondeyireh	742		autorités (2013)	
Kolaboui	3500		Mairie (Kolaboui)	
Mansalia	850		estimation	
Kariki Madina	500		estimation	
Tamboni	210		estimation	
Fodé Conteah	850		estimation	
Denken	700		estimation	
Tanene (Denken)	120		estimation	
Hénééré (Saton)	150	estimation		
Tonya	Tanene	196	autorités (2015)	
Dakountou		508	INSUCO (2012)	
Dabaya	Boké	376	INSUCO (2012)	
Dabis		150	INSUCO (2012)	
Madina Carrefour		605	INSUCO (2012)	
Simbaya		889	INSUCO (2012)	
Correrah		3003	autorités	
Niangata		73	INSUCO (2012)	
Kaweki		295	INSUCO (2012)	
Madina		990	INSUCO (2012)	
Kebegna		382	INSUCO (2012)	
Kanghali		79	INSUCO (2012)	
Kafele1	Tanene	93	INSUCO (2012)	
Kafele2		72	INSUCO (2012)	
Kafele3		74	INSUCO (2012)	
Dakoumouro		149	INSUCO (2012)	
Kagnenthia		68	INSUCO (2012)	
Dasassa		68	INSUCO (2012)	
Taïtote		225	autorités (2016)	

Localité	Commune	Nombre d'individus	Source
Tanene		300	autorités (2016)
Tiankoun Rail		359	autorités (2016)
Gadha Rail		35	EIES GAC
S.Madina 2		194	EIES GAC
Ley Rail Yamoro		215	EIES GAC
S.Diarabaka		10	EIES GAC
Diarabaka		246	EIES GAC
Diarabaka Kourawon		32	EIES GAC
S.Madina Bappaya		31	EIES GAC
S.Hafia1		13	EIES GAC
S.Mohamed Bah		6	EIES GAC
Bingal Foulbhe		164	EIES GAC
H.Bingal Landouma		35	EIES GAC
S.Tantouloumane		111	EIES GAC
Misside Tantouloumane		245	EIES GAC
Tantouloumane Bowe		140	EIES GAC
Boundou Lengue		947	EIES GAC
H.Filow Bowal (Missira)		8	EIES GAC
Filow Bowal		127	EIES GAC
Beli Kindy Cite		173	EIES GAC
S.Balahoun Pont		18	EIES GAC
Balahoun Pont		79	EIES GAC
S.Balahoun		252	EIES GAC
S.Balahoun-H.2		6	EIES GAC
Balahoun Grenier		1	EIES GAC
S.Balahoun-H.3		6	EIES GAC
S.Gobire		47	estimation
Gobiré		136	EIES GAC
Carrefour Bhouna		41	EIES GAC
S.Banire		70	EIES GAC
Belidjouma		386	EIES GAC
Tinguilinta		1 054	EIES GAC
Doubhi Ley		195	EIES GAC
Doubhi Dow		256	EIES GAC
Sabouya		101	EIES GAC
Barkéré		524	EIES GAC
Sharifouya		68	EIES GAC
N'dangara		190	EIES GAC
Filow Bowal N'dantari		207	EIES GAC
H.Filow Bowal N'dantari		11	estimation
Passasse Kewewol		25	estimation
Kalinko Ley	Sangaredi	112	EIES CBG
Kalinko Ley 2		38	EIES CBG
Nyangaba 2		191	EIES CBG
Kankalare		12	EIES CBG
Kankalare Hacoudé		20	EIES CBG
Teli Bofi		39	EIES CBG
Madina Kankalare		151	EIES CBG
Parawol Malassi		327	EIES CBG
Hore Lafou		307	EIES CBG
Lafou Mbayla		151	EIES CBG