



Field Data Report :
Arief Rubianto

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28
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2017



**RHINO PROTECTION UNIT (RPU)-USFWS
ACTIVITIES & PERFORMANCE REPORT
BUKIT BARISAN SELATAN & WAY KAMBAS NATIONAL PARK LAMPUNG
QUARTER REPORT 2016
(1 October- 31 December)**



PROTECTION PROGRAM OF YAYASAN BADAK INDONESIA

Introduction

The decline of both species of rhinoceros, Sumatran and Javan, has been in process for a long time. The Sumatran rhino have reduced to about 100 (SRCS Singapore, 2013) in the last decade and will be extinct for the next decade if there is no serious management of rhino. Its decline in range and number in Sumatra is attributed chiefly to fragmentation and disturbance of its habitat through indiscriminate forest clearance and to poaching, stimulated by the illegal trade in wildlife including its body parts. While the Javan has been stabilize with about 60 individuals.

Saving the remaining rhino population requires series of efforts such as to support rhino patrol and strengthening its anti-poaching activities such as working with local in finding ways on alternative livelihood until poacher activity and habitat destruction is reduced to the point of elimination.

The Protection Programs of YABI provides protection from poaching and habitat disturbance for viable nucleus populations of Sumatran and Javan Rhinos in forms of strong support to establishment and operation of 16 Rhino Protection Units, protection management, coordination and supervisory structures. RPUs continued their operation in and surrounding areas of Bukit Barisan Selatan (7 RPUs), Way Kambas (5 RPUs) and Ujung Kulon National Parks(4 RPUs). The RPU BBS , WK and SRS personnel had been taking an important role on the establishment and training of 3 RPUs District of Kutai Barat to perform protection of sumatran rhino. The 3 Kalimantan RPU units were inaugurated in order to the continuing of rhino protection and future evacuation in East Kalimantan.

Through IRF, USFWS has been extending their support to rhino protection by installment of 8 additional RPU for both the BBS and WK National Parks. In its implementation YABI had sellected, trained and recruited the additional RPU followed with official development by the Head of Way Kambas National Park (4 units) and by the Head of Bukit Barisan Selatan National Park (4 unit) both on 22 and 23 of December 2016.

NEW RPU

To enhance the conservation efforts of Sumatran rhino protection activities, YABI has recruited new RPU members (BBS 4 units and WK 4 units) and field officials in October and December of 2016. The aim of this recruitment is reducing and suppressing the occurrence of illegal activities to the population and habitat of sumatran rhino in the two National Parks (Bukit Barisan Selatan and Way Kambas).



Figure -1 : Official announcement RPU BBS , 23 December 2016.



Figure -2 : Official announcement RPU WK, 22 December 2016

General Performance Parameter

During 4th Quarter of 2016 (01 November -31 December, 2016), RPU BBS has undertaken 5 patrols/surveys (of their total 9 activities). They achieved 16.00 days of field days per person per month. The other activities were mostly collaborative activities which were facilitated by BBS NP Administration.

During the patrols/surveys, RPU BBS has detected animal huntings, illegal loggings, bird thefts, encroachments and some other disturbances. They also has achieved a walking distance of 320 Km and detected a total of 9 cases of illegal activities , but no rhino poaching evidence.



Figure -3; Encroachment



Figure -4; Animal snares

Whilst, RPU Way Kambas has performed 7 patrols/surveys of their total 12 activities during this quarter, and achieved 12.08 days of field days per person per month. The other activities were mostly collaborative activities which were facilitated by Way Kambas NP Administration.

Their patrols/surveys had achieved 260 Km of walking and detected a total of 8 cases of forest fires and poaching, but no rhino poaching evidence.



Figure-5. RPU WK detected an animal snare.



Figure-6 RPU-WK confiscated firearm in Susukan baru

YAYASAN BADAK INDONESIA - YABI
Rhino Foundation of Indonesia – RFI

ANNEX 1
QUARTERLY ACTIVITY AND
PERFORMANCE REPORT

01 November – 31 December 2016
4th QUARTER (Q4)

BUKIT BARISAN SELATAN NATIONAL PARK

- The RPU able to performed **16** field days per-person per-month in **384** days and **321** km distance.
- Encountered 13 signs of rhino.
- Detected 9 cases, such as timber theft, encroachments for coffee plantation, resin collection, fish and birds poaching.
- Detected an illegal logging activities in the Resort Balik Bukit
- Detected a land clearing activity for plantation.

BASIC POPULATION PARAMETERS

No. of Case Footprint Encountered	Number of Locations with rhino signs					
	No. of Footprint	Wallow	Feces	Food	Other Signs *	Direct Sighting
5	7	5	1	1	1	0

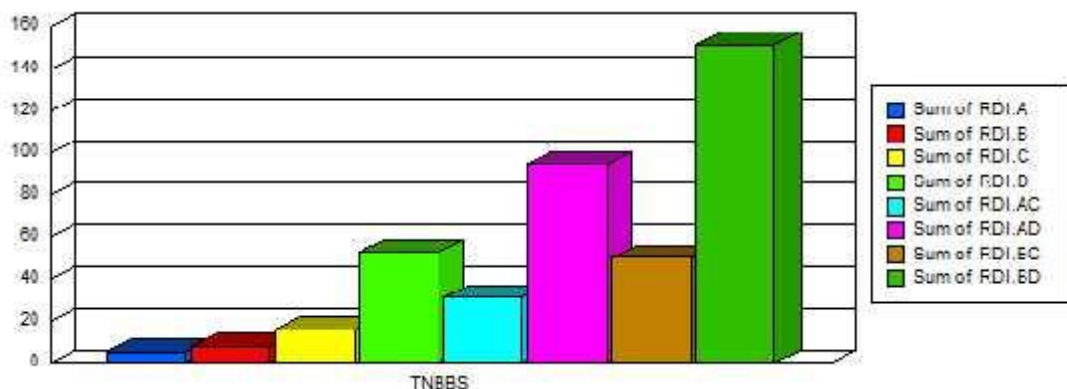
* Include Scratches

During the 5 patrol / survey in this period, encountered 15 independent signs of rhino , but there was no direct sighting of rhino.

RHINO DENSITY INDICATORS

Working Area	Rhino		RPU Field Presence		Density Indicators			
	A Number of FootPrint	B Number of Rhino	C Field Days **	D Distance Walked (Km)	A/C Rhinos/ 100 days	A/D Rhinos/ 1000 km	B/C Rhinos/ 100 days	B/D Rhinos/ 1000 km
TNBBS	5	8	16	53,00	31,25	94,34	50,00	150,94

* The total number of sign (excluding footprints) of rhino found. ** Total number of RPU group field days.
(Footprints are not included, because the number provided in the tables is the number of individual footprints and not the number of separate tracks.)



ILLEGAL ACTIVITIES ENCOUNTERED

Gaharu * Theft	Encroachment	Timber Theft	Forest Product Theft	Illegal Hunting		
				Rhino / Trap	Non Rhino (Mammals)	Other
0	3	1	1	0	0	4

* Gaharu (a component for incense) theft is listed separately, because it is a major threat in any forest in Indonesia

In BBS, during the surveys and patrols, there were a total of 9 cases of illegal activities detected. The case encountered were encroachment of coffee plantations, rattan & resin collection, birds trapping, but no evidence of rhino poaching.

ENCOUNTERED ANIMALS

Nama Daerah / Patrol Areas	Badak	Gajah	Harimau	Tapir	Lain-Lain	Gangguan
	Rhino	Elephant	Tiger		Other	Offences
Pos dal RPU BBS	-	-	-	-	-	-
Resort way kanan, TNWK	-	-	-	-	-	-
Kawasan TNWK	-	-	-	-	-	-
Pos RPU-YABI TNBBS	-	-	-	-	-	-
Resort Biha dsk	✓	-	-	✓	✓	✓
Resort Sukaraja dsk	✓	✓	✓	✓	✓	✓
Resort Balik Bukit dsk	-	-	✓	✓	✓	✓
Resort Ngambur dsk	-	✓	✓	✓	✓	✓
Resort Balai Kencana dsk	-	✓	-	✓	✓	✓

DETAILS OF RHINO SIGN

Daerah Patroli/ Patrol Area	Tapak	Tatap Muka	Kubangan	Pakan	Kotoran	Lain-Lain
Pos dal RPU BBS	0	0	0	0	0	0
Resort way kanan, TNWK	0	0	0	0	0	0
Kawasan TNWK	0	0	0	0	0	0
Pos RPU-YABI TNBBS	0	0	0	0	0	0
Resort Biha dsk	0	0	1	0	0	1
Resort Sukaraja dsk	5	0	4	1	1	0
Resort Balik Bukit dsk	0	0	0	0	0	0
Resort Ngambur dsk	0	0	0	0	0	0
Resort Balai Kencana dsk	0	0	0	0	0	0

PATROL DATA

Location	Activities	Start Date	End Date	Days	No. of Person	Length (Km)	Remark
Pos dal RPU BBS	Others	11 Nov	12 Nov	2	12	0	Training for the new RPU members.
Resort way kanan, TNWK	Others	23 Nov	30 Nov	8	12	0	Training for the new RPU members (continued), on team discipline, survey/ patrol, government regulation, reporting. and more.
Kawasan TNWK	Others	1 Dec	6 Dec	6	12	0	Practicing on how to patrol/survey .
Pos RPU-YABI TNBBS	Others	14 Dec	21 Dec	8	12	0	Training for the new RPU members. (continued)
Resort Biha dsk	Patrol/ survey	24 Dec	31 Dec	8	3	18	Encountered an old signs of rhino and other large mammals.
Resort Sukaraja dsk	Patrol/ survey	24 Dec	31 Dec	8	3	35	Encountered signs of rhino and other large mammals. Detected signs of illegal activities.
Resort Balik Bukit dsk	Patrol/ survey	24 Dec	31 Dec	8	2	23	No rhino signs. Encountered signs of other large mammals. Detected signs of illegal activities.
Resort Ngambur dsk	Patrol/ survey	24 Dec	31 Dec	8	3	30	No rhino signs. Encountered signs of other large mammals. Detected signs of illegal activities.
Resort Balai Kencana dsk	Patrol/ survey	24 Dec	31 Dec	8	1	215	No rhino signs. Encountered signs of other large mammals. Detected signs of illegal activities.

GENERAL PERFORMANCE PARAMETERS

Number of general activities	9
Number of Patrol and Surveys	5
Distance Walked for motorcycle patrol (Kilometers)	-
Distance Walked for Patrol and Survey	321
Number of Field Days	384
Number of Field Days for Patrol and Survey	96
Field Days per-person per-month	16

A total of 9 activities undertaken during this quarter (November-December) in 2016, of which five patrol / survey, which covers the distance of 321 Km, patrol / survey was 96 days in the field with an average of 16 days per person per month.

PROGRAM PERSONNEL

(Summary of Field Days Per-Person Per-Month 01 Nov – 31 Dec 2016)

Personnel	Days	Average Field days / month	
Achmad Andre Jaelani	32	16.00	2 (Month)
Agung Baskara	32	16.00	2 (Month)
Aris Setyawan	32	16.00	2 (Month)
Delsi Samsumar	32	16.00	2 (Month)
Gading Riton JP	32	16.00	2 (Month)
Gunawan	32	16.00	2 (Month)
Herwanto	32	16.00	2 (Month)
Lilik Eko Prayitno	32	16.00	2 (Month)
Munjiri	32	16.00	2 (Month)

Other Personnels :

1	Arief Rubianto	Manager Protection for Sumatra
2	Muzakkir	Assistant Manager Protection For Sumatera
3	Marsum	Field Coordinator RPU
4	Heri Pasiman	Field Database
5	Juni Efendi	Driver
6	Ela Herawati	Cook-1
7	Masitoh	Cook-2
8	Hari Saputra	House Hold-1
9	Muhammad Sadli	House Hold-2
10	Abdul Muis	RPU Member
11	Adi Purnama	RPU Member

1	Arief Rubianto	Manager Protection for Sumatra
2	Muzakkir	Assistant Manager Protection For Sumatera
3	Marsum	Field Coordinator RPU
4	Heri Pasiman	Field Database
5	Juni Efendi	Driver
6	Ela Herawati	Cook-1
7	Masitoh	Cook-2
8	Hari Saputra	House Hold-1
9	Muhammad Sadli	House Hold-2
12	Adi Putrawan	RPU Member
13	Agung Setiono	RPU Member
14	Andi siswanto	RPU Member
15	Bahara	RPU Member
16	Budiono	RPU Member
17	Dimas Ariansyah	RPU Member
18	Edi Mulato	RPU Member
19	Gunalan	RPU Member
20	Hendra Wijaya	RPU Member
21	Heriyanto	RPU Member
22	Hifzon	RPU Member
23	Khoiri	RPU Member
24	Mardian Saputra	RPU Member
25	Mugiono	RPU Member
26	Redi Setiawan	RPU Member
27	Romianto	RPU Member
28	Sinyo Handoko	RPU Member
29	Syahroni	RPU Member
30	Timbul TB	RPU Member
31	Toho	RPU Member

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ANNEX 1
QUARTERLY ACTIVITY AND
PERFORMANCE REPORT

01 Nov – 31 Dec 2016

4th QUARTER (Q4)

WAY KAMBAS NATIONAL PARK

- The RPU able to performed **12,08** field days per-person per-month in **290** days and **260** km walk distance.
- Encountered 5 rhino footprints.
- Detected 8 cases of illegal activities, i.e. forest fires and poaching.
- Confistigated a firearm in Susukan Baru.

BASIC POPULATION PARAMETERS

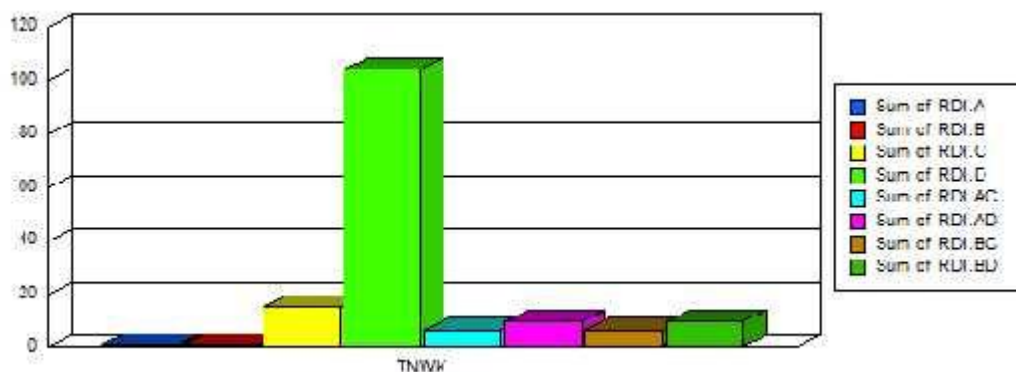
No. of Case Footprint Encountered	Number of Locations with rhino signs					
	No. of Footprint	Wallow	Feces	Food	Other Signs *	Direct Sighting
1	1	0	1	3	0	0

During the 7 patrol / survey in this period, encountered 5 independent signs of rhino.

RHINO DENSITY INDICATORS

Working Area	Rhino		RPU Field Presence		Density Indicators			
	A Number of Footprint	B Number of Rhino	C Field Days **	D Distance Walked (Km)	A/C Rhinos/ 100 days	A/D Rhinos/ 1000 km	B/C Rhinos/ 100 days	B/D Rhinos/ 1000 km
TNWK	1	1	15	104,00	6,67	9,62	6,67	9,62

* The total number of sign (excluding footprint) of rhino found. ** Total number of RPU group field days.
(Footprints are not included, because the number provided in the tables is the number of individual footprints and not the number of separate tracks.)



ILLEGAL ACTIVITIES ENCOUNTERED

Gaharu * Theft	Encroachment	Timber Theft	Forest Product Theft	Illegal Hunting		
				Rhino / Trap	Non Rhino (Mammals)	Other
0	1	0	0	0	2	0

* Gaharu (a component for incense) theft is listed separately, because it is a major threat in any forest in Indonesia

in the Way Kambas National Park, during the survey and patrol, the RPU detected 3 cases of illegal activities and heard sound of fire arms shot.

ENCOUNTERED ANIMALS

Nama Daerah / Patrol Areas	Badak	Gajah	Harimau	Tapir	Lain-Lain	Gangguan
	Rhino	Elephant	Tiger		Other	Offences
Posdal dan sekitarnya	-	-	-	-	-	-
Way kanan dan sekitarnya	-	-	-	-	-	-
Way kanan dan sekitarnya	-	-	-	-	-	-
Way kanan dan sekitarnya	-	-	-	-	-	-
D2, Rawa Badak, Jalur Jeruk	-	✓	✓	✓	✓	✓
D2, Cengok, Kali Biru atas	✓	✓	✓	✓	✓	-
D1, Gorong-gorong, Gerbang Tol, Mundu atas, Tidung dan Sekitarnya	✓	✓	-	✓	✓	✓
D1, Gerbang Tol, Jalur Aceh, Tegal Ombloh	✓	✓	✓	✓	✓	✓
Balai Taman Nasional Way Kambas	-	-	-	-	-	-
Susukan Baru dan sekitarnya	-	-	-	-		
Kuala penet dan sekitarnya	-	-	-	-	-	-
PKG dan sekitarnya	-	-	-	-	-	-

DETAILS OF RHINO SIGN

Daerah Patroli/ Patrol Area	Tapak	Tatap Muka	Kubangan	Pakan	Kotoran	Lain-Lain
Posdal dan sekitarnya	0	0	0	0	0	0
Way kanan dan sekitarnya	0	0	0	0	0	0
Way kanan dan sekitarnya	0	0	0	0	0	0
Way kanan dan sekitarnya	0	0	0	0	0	0
D2, Rawa Badak, Jalur Jeruk	0	0	0	0	0	0
D2, Cengok, Kali Biru atas	1	0	0	1	1	0
D1, Gorong-gorong, Gerbang Tol, Mundu atas, Tidung dan Sekitarnya	0	0	0	1	0	0
D1, Gerbang Tol, Jalur Aceh, Tegal Ombloh	0	0	0	1	0	0
Balai Taman Nasional Way Kambas	0	0	0	0	0	0
Susukan Baru dan sekitarnya	0	0	0	0	0	0
Kuala penet dan sekitarnya	0	0	0	0	0	0
PKG dan sekitarnya	0	0	0	0	0	0

PATROL DATA

Location	Activities	Start Date	End Date	Days	No. of Person	Length (Km)	Remarks
Posdal dan sekitarnya	Others	9 Nov	9 Nov	1	12	0	Training for new members of RPU.
Way kanan dan sekitarnya	Patrol/ Survey	22 Nov	22 Nov	1	12	21	Practicing the training lessons.
Way kanan dan sekitarnya	Others	19 Nov	24 Nov	6	12	27	Training for new members of RPU.
Way kanan dan sekitarnya	Others	25 Nov	30 Nov	6	12	26	Training for new members of RPU.
D2, Rawa Badak, Jalur Jeruk	Patrol/ Survey	1 Dec	5 Dec	5	3	29	Encountered signs of tapir, tiger and elephants.
D2, Cengok, Kali Biru atas	Patrol/ Survey	1 Dec	5 Dec	5	3	24	No signs of illegal activities.
D1, Gorong-gorong, Gerbang Tol, Mundu atas, Tidung dan Sekitarnya	Patrol/ Survey	1 Dec	5 Dec	5	3	35	Encountered signs of illegal activity.
D1, Gerbang Tol, Jalur Aceh, Tegal Omboh	Patrol/ Survey	1 Dec	5 Dec	5	3	45	No signs of large mammals.
Balai Taman Nasional Way Kambas	Others	22 Dec	22 Dec	1	12	0	DE Mr. Widodo speech to the new member of RPU and inauguration of the new RPU members. inaugurated by the Head of Way Kambas National Park.
Susukan Baru dan sekitarnya	Patrol/ Survey	21 Dec	21 Dec	1	2	21	Detected illegal activity by using fire arm. Confesticated the firearm.
Kuala penet dan sekitarnya	Patroli/ Survei	27 Dec	27 Dec	1	12	14	No illegal activities.
PKG dan sekitarnya	Patroli/ Survei	29 Dec	31 Dec	3	12	18	No illegal activities.

GENERAL PERFORMANCE PARAMETERS

Number of general activities	12
Number of Patrol and Surveys	7
Distance Walked for Patrol and Survey (Kilometers)	260
Number of Field Days	290
Number of Field Days for Patrol and Survey	110
Field Days per-person per-month	12,08

A total of 12 activities were carried out during this quarter (November-December of 2016), among them 7 patrol / survey, which includes mileage 260 km walk distance. They spent 290 days for their patrol/survey in the field with average 12,08 days per people per month.

PROGRAM PERSONNEL

(Summary of Field Days Per-Person Per-Month 01 Nov – 31 Dec 2016)

Personnel	Days	Average Field days / month	
Agus Sutopo Margo Utomo	24	12.00	2 (Month)
Ahmad Diki Zulkarnain	24	12.00	2 (Month)
Ahmad Saifudin	24	12.00	2 (Month)
Ari Prasetyo	24	12.00	2 (Month)
Arif Bayu Sugara	24	12.00	2 (Month)
Darus Warisman	24	12.00	2 (Month)
Fadil Kurniawan	25	12.50	2 (Month)
Fajar Pranata	24	12.00	2 (Month)
Heru Firdaus	25	12.50	2 (Month)
Jevri Andre Pratama	24	12.00	2 (Month)
Nur Sidiq	24	12.00	2 (Month)
Romi Putra Sanjaya	24	12.00	2 (Month)

Other Personnels :

1	Rahman	Field Coordinator RPU
2	Arif Lukman Fauzun	Asist. Manajer
3	Ira Nurmaya Putri	Administrative and Finance Officer
4	Muhammad Sanusi	Field Database
5	Suyana	Driver
6	Suyahmin	Driver Boat
7	Asep Somawijaya	Asst. Driver Boat
8	Hendri Fradana	House Hold
9	Suparmi	Cook
10	Amin Nurjati	RPU Member
11	Anggi Gunawan	RPU Member
12	Balyan Irawadi Siregar	RPU Member
13	Bambang Meiyono	RPU Member
14	Doni Prasetyo	RPU Member
15	Dwi Agus Kurniawan	RPU Member

16	Encang Sutarma	RPU Member
17	Ferry Agus Bangun	RPU Member
18	Heri Setyawan	RPU Member
19	Heri Wibowo	RPU Member
20	Joko	RPU Member
21	Nur Basuki	RPU Member
22	Rustanto	RPU Member
23	Sugiono	RPU Member
24	Suhadi	RPU Member
25	Sujoko	RPU Member
26	Supardi	RPU Member
27	Supriyono	RPU Member
28	Yudhi Hari Pamungkas	RPU Member

**ANNEX-2 : OFFENSES OR ILLEGAL ACTIVITIES ENCOUNTERED DURING Q4 2016
(1 November – 31 December 2016)**

1. OFFENSES IN BUKIT BARISAN SELATAN NP

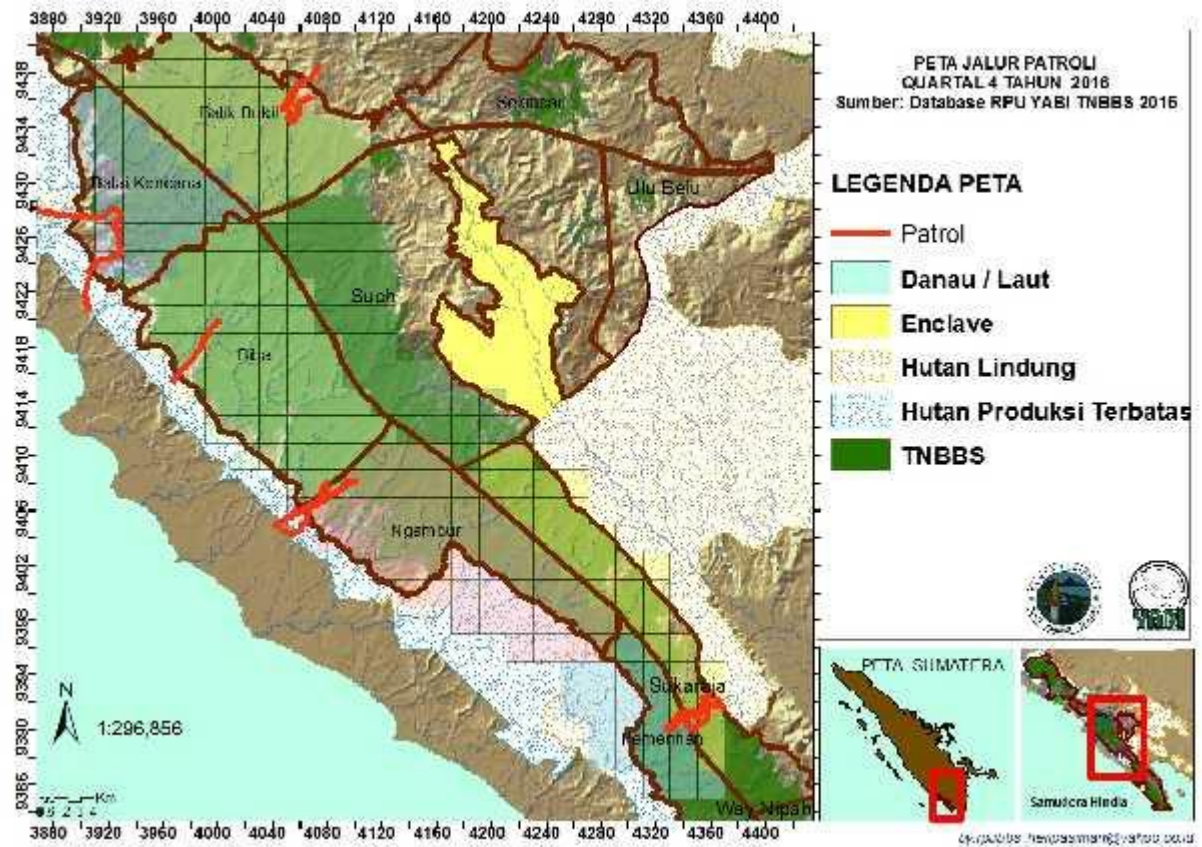
Date	Remarks • Type of offences • Forest/WL produce recovered • Arm / amunition recovered • People arrested	Age	Location	Action Taken
12/26/2016	An old camp of bird trapping.	< 1 month	Hulu Way Bambam	Documented
12/26/2016	Plantations such as coffee, pepper and banana and 5 camps .	> 1 year	Panji wayang	Documented and destroyed
12/26/2016	Signs of bird trapping.	< 1 week	Kubu gedung	Documented
12/26/2016	Signs of bird trapping with two suspects.	< 1 day	Kebudu	Questioned
12/26/2016	Old camp for fishing.	< 1 month	Mahnai lunik	Documented
12/27/2016	An old coffee plantation less than 1 ha.	> 1 year	Panji wayang	Documented
12/27/2016	Signs of bird trapping.	< 1 month	Panji wayang	Documented
12/28/2016	Plantation /encroachment	< 1 month	Panji wayang	Documented
12/29/2016	3 stumps of logged trees.	< 1 week	Bumbon	Documentation

2. OFFENSES IN WAY KAMBAS NP

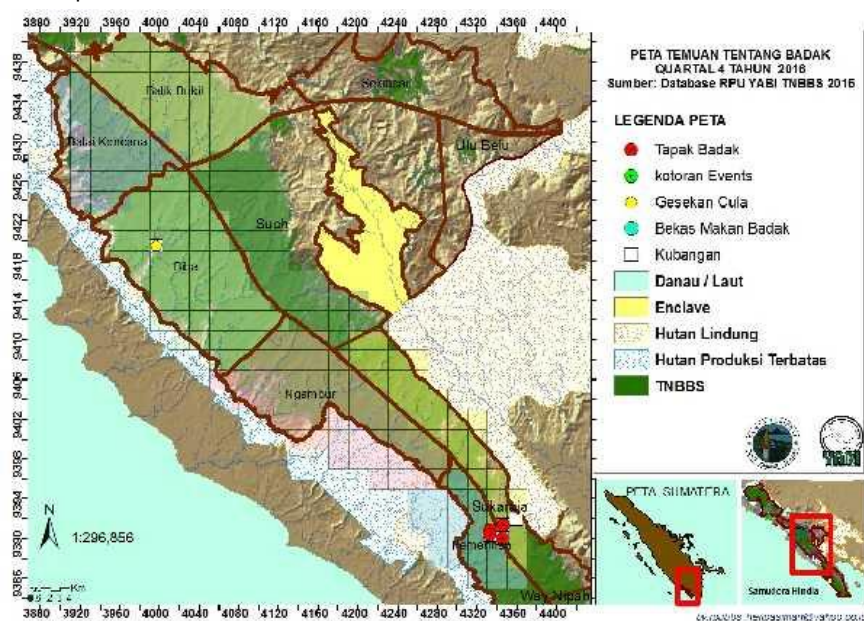
Date	Remarks	Age	Location	Action Taken
	•Type of offences •Forest/WL produce recovered •Arm / amunition recovered •People arrested			
3/12/2016	Detected a tradional poaching by using 6 dogs.	0 Day	Jereng	Documented
3/12/2016	Detected a new track of poaching.	< 1 Day	Mundu	Documented
3/12/2016	Heard 2 explosion of firearm .	0 Day	Mundu	Documented
3/12/2016	Encountered deer carcass	< 1 week	Sumpah	Documented
4/12/2016	Detected fire which covering an area of over than 10 hectares.	0 Day	Rantau Panjang	collect data and Documented
5/12/2016	Detected track of hunting dogs.	< 4 Days	Tidung	collect data and Documented
5/12/2016	Detected after new fire area	< 4 Days	Tidung	collect data and Documented
21/12/2016	Found a fire arms of poaching for hunting	0 Days	Susukan baru	Overhanded to police and Documented

ANNEX-3 : Maps Of RPU's

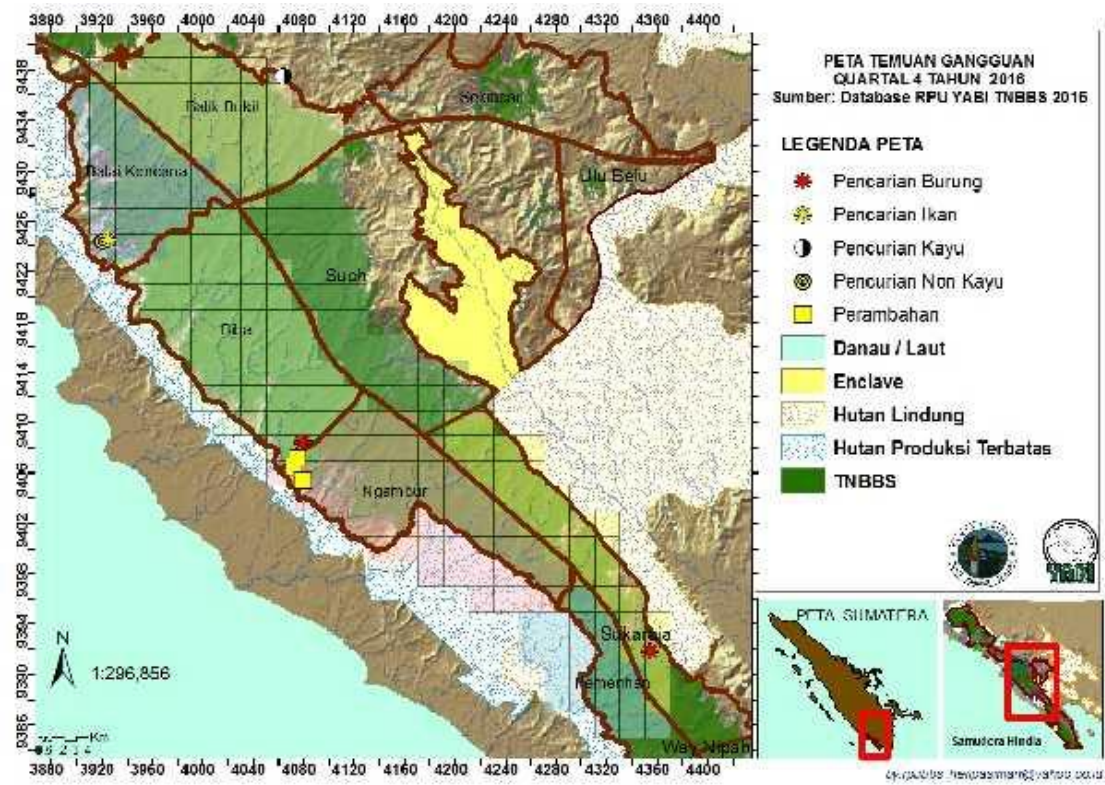
1. Map of patrol route Q4 2016, in BBS NP



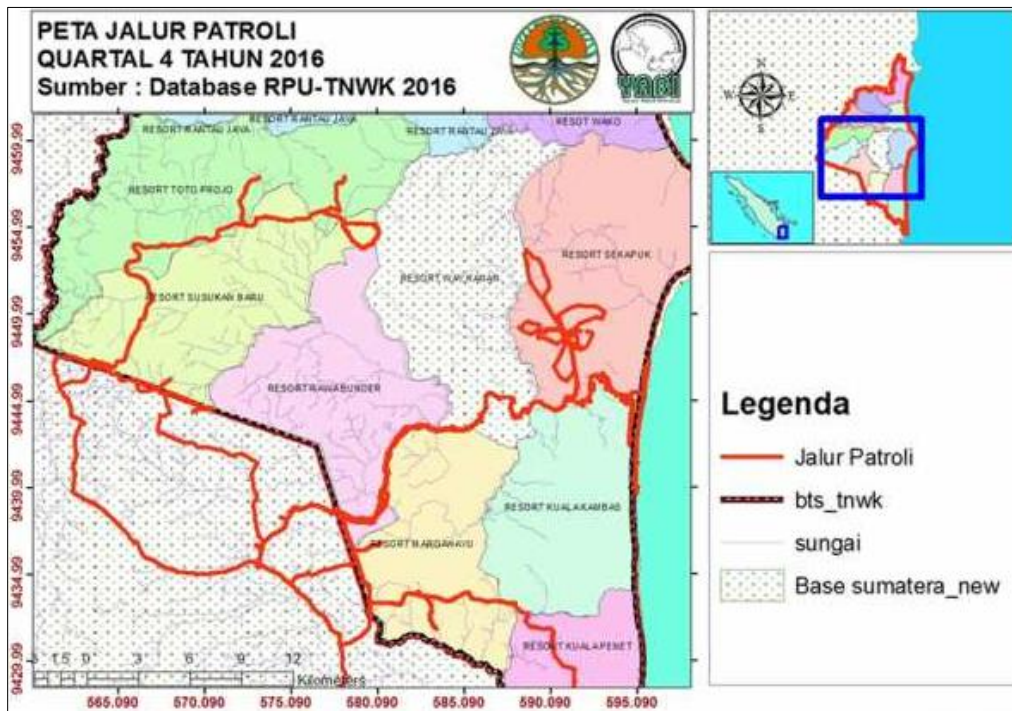
2. Map of rhino encountered Q4 2016, in BBS NP



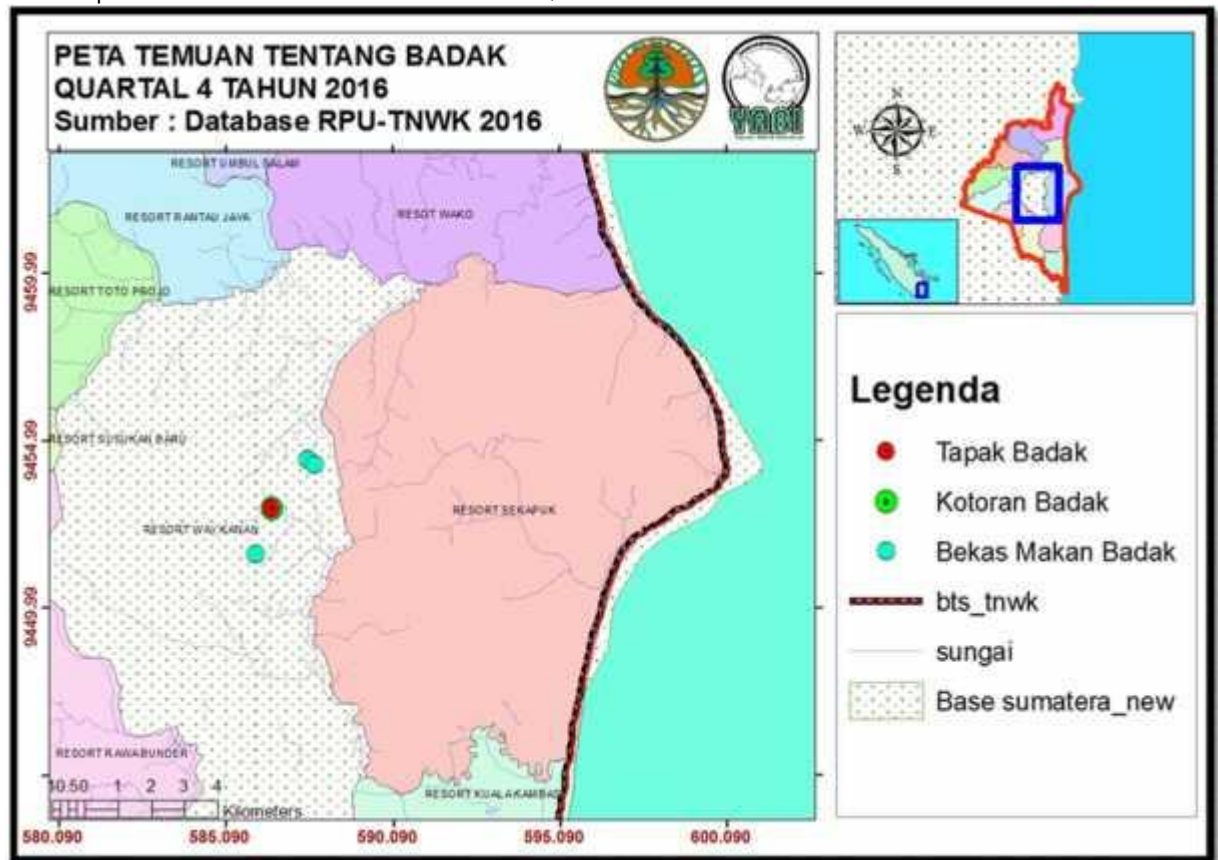
3. Map of Illegal Activities Encountered Q4 2016, in BBS NP



4. Map of patrol route Q4 2016, in WKNP



5. Map of rhino encountered Q4 2016, in WKNP



6. Map of Illegal Activities Encountered Q4 2016, in WKNP

