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LAMPIRAN

Lampiran 1 : Data Indeks Vegetasi dan Top Height Tree PMA 18

Sector	Estate	CompNo	Inv Type	Plot No	Sample Date	THT (m)	Coordinate X	Coordinate Y	NDVI	Sample Date Citra	GNDVI	Sample Date Citra
BAS	J	522	18	A1	14-May-23	11.31	101.809125	-0.366192	0.190029	31-Mar-23	0.149679	31-Mar-23
BAS	J	522	18	A2	14-May-23	11.32	101.809126	-0.365287	0.178996	31-Mar-23	0.154167	31-Mar-23
BAS	J	522	18	B4	14-May-23	11.36	101.81092	-0.364385	0.359838	31-Mar-23	0.205616	31-Mar-23
BAS	J	522	18	B5	14-May-23	11.34	101.81092	-0.365288	0.164077	31-Mar-23	0.147680	31-Mar-23
BAS	J	522	18	B6	14-May-23	11.32	101.81092	-0.366192	0.241459	31-Mar-23	0.149911	31-Mar-23
BAS	J	13	18	A1	13-Apr-23	11.37	101.799817	-0.359203	0.282351	31-Mar-23	0.249482	31-Mar-23
BAS	J	13	18	B3	13-Apr-23	11.34	101.800714	-0.359202	0.275733	31-Mar-23	0.247173	31-Mar-23
BAS	J	13	18	C4	13-Apr-23	11.34	101.801611	-0.358299	0.301695	31-Mar-23	0.262530	31-Mar-23
BAS	J	13	18	D5	13-Apr-23	11.36	101.802509	-0.358298	0.281084	31-Mar-23	0.253950	31-Mar-23
BAS	J	17	18	A1	11-Apr-23	11.39	101.802772	-0.362459	0.434177	31-Mar-23	0.266947	31-Mar-23
BAS	J	17	18	A2	11-Apr-23	11.35	101.802772	-0.360866	0.534109	31-Mar-23	0.208217	31-Mar-23
BAS	J	17	18	B4	11-Apr-23	11.32	101.804566	-0.360856	0.529213	31-Mar-23	0.255361	31-Mar-23
BAS	J	17	18	C5	11-Apr-23	11.32	101.806289	-0.359010	0.275384	31-Mar-23	0.211592	31-Mar-23
BAS	J	17	18	D6	11-Apr-23	11.37	101.803669	-0.360866	0.512827	31-Mar-23	0.257345	31-Mar-23
BAS	K	765	18	A1	20-Jun-23	11.37	101.842541	-0.389257	0.449566	14-Feb-23	0.301909	14-Feb-23
BAS	K	765	18	A6	20-Jun-23	11.35	101.842541	-0.390327	0.377532	14-Feb-23	0.309368	14-Feb-23
BAS	K	765	18	D9	20-Jun-23	11.38	101.843439	-0.389256	0.511141	14-Feb-23	0.353507	14-Feb-23
BAS	K	765	18	C3	20-Jun-23	11.38	101.844337	-0.391063	0.523325	14-Feb-23	0.302486	14-Feb-23
BAS	K	765	18	C4	20-Jun-23	11.38	101.844336	-0.389256	0.316268	14-Feb-23	0.338962	14-Feb-23
BAS	A	29	18	A1	20-Jul-23	11.36	101.531794	-0.186024	0.248109	13-Apr-23	0.272476	13-Apr-23
BAS	A	29	18	A2	20-Jul-23	11.38	101.531937	-0.184217	0.386822	13-Apr-23	0.381285	13-Apr-23
BAS	A	29	18	A8	20-Jul-23	11.34	101.531675	-0.185121	0.342310	13-Apr-23	0.326719	13-Apr-23
BAS	A	29	18	B10	20-Jul-23	11.36	101.533470	-0.185120	0.275247	13-Apr-23	0.305350	13-Apr-23

Keterangan
Total Plot : 23 Plot
Total Kompartemen : 5 Kompartemen

Lampiran 2 : Data Indeks Vegetasi dan Top Height Tree PMA 30

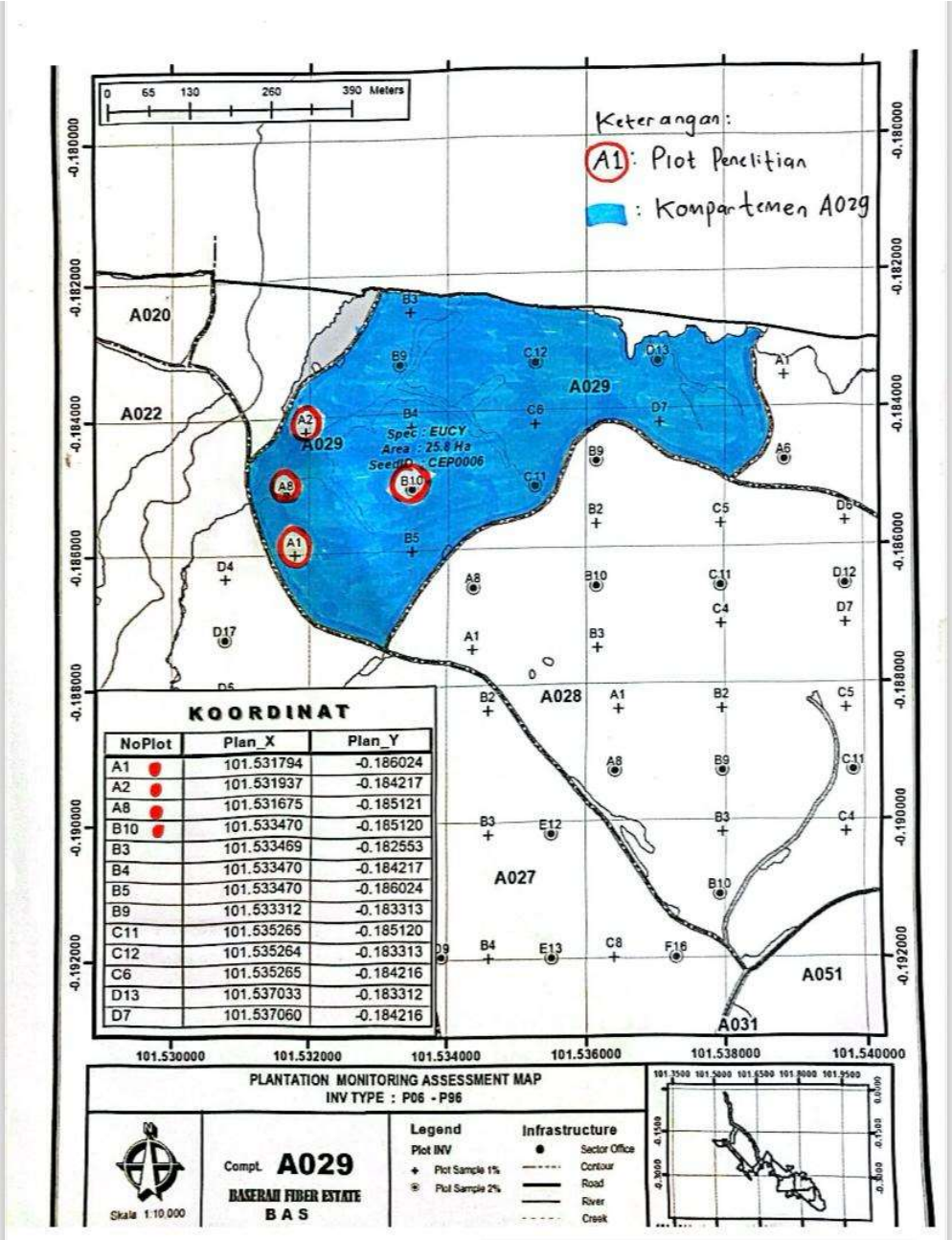
Sector	Estate	CompNo	Inv Type	Plot No	Sample Date	THT (m)	Coordinate X	Coordinate Y	NDVI	Sample Date Citra	GNDVI	Sample Date Citra
BAS	F	27	30	A1	04-Apr-23	17.68	101.659579	-0.258590	0.434159	17-Jun-23	0.266947	17-Jun-23
BAS	F	27	30	B2	04-Apr-23	17.42	101.661374	-0.258589	0.581975	17-Jun-23	0.154167	17-Jun-23
BAS	F	27	30	C3	04-Apr-23	17.72	101.663169	-0.258589	0.567948	17-Jun-23	0.247713	17-Jun-23
BAS	F	27	30	C6	04-Apr-23	17.54	101.663168	-0.257685	0.584164	17-Jun-23	0.145616	17-Jun-23
BAS	F	27	30	D4	04-Apr-23	17.20	101.664964	-0.258588	0.443999	17-Jun-23	0.253950	17-Jun-23
BAS	F	25	30	A2	04-Apr-23	17.46	101.663225	-0.264065	0.532228	27-Jul-23	0.249432	27-Jul-23
BAS	F	25	30	B3	04-Apr-23	17.48	101.665020	-0.264064	0.650987	27-Jul-23	0.247279	27-Jul-23
BAS	F	25	30	B4	04-Apr-23	18.48	101.664784	-0.267678	0.442932	27-Jul-23	0.362530	27-Jul-23
BAS	F	25	30	B5	04-Apr-23	18.16	101.664784	-0.262778	0.616268	27-Jul-23	0.254012	27-Jul-23
BAS	G	23	30	A1	06-May-23	17.62	101.708325	-0.281614	0.346075	27-Jul-23	0.249402	27-Jul-23
BAS	G	23	30	A2	06-May-23	17.42	101.708324	-0.279807	0.542484	27-Jul-23	0.149911	27-Jul-23
BAS	G	23	30	B3	06-May-23	17.72	101.710118	-0.279806	0.535701	27-Jul-23	0.249432	27-Jul-23
BAS	G	23	30	C4	06-May-23	17.20	101.711914	-0.281613	0.322319	27-Jul-23	0.158863	27-Jul-23
BAS	G	23	30	C5	06-May-23	17.50	101.711913	-0.277999	0.558625	27-Jul-23	0.248454	27-Jul-23
BAS	G	12	30	A1	06-May-23	17.90	101.699879	-0.264168	0.508105	31-Mar-23	0.272476	31-Mar-23
BAS	G	12	30	B2	06-May-23	18.48	101.701484	-0.266117	0.508267	31-Mar-23	0.321285	31-Mar-23
BAS	G	12	30	B3	06-May-23	17.38	101.701485	-0.267924	0.332169	31-Mar-23	0.331548	31-Mar-23
BAS	G	12	30	B4	06-May-23	17.72	101.701489	-0.269731	0.468003	31-Mar-23	0.301909	31-Mar-23
BAS	G	12	30	C5	06-May-23	17.68	101.703281	-0.271537	0.408561	31-Mar-23	0.326179	31-Mar-23
BAS	F	503	30	A1	03-Apr-23	17.68	101.635794	-0.277682	0.282351	14-Feb-23	0.284399	14-Feb-23
BAS	F	503	30	B2	03-Apr-23	17.66	101.636096	-0.278175	0.575733	14-Feb-23	0.212729	14-Feb-23
BAS	F	503	30	C3	03-Apr-23	17.32	101.636399	-0.278634	0.178996	14-Feb-23	0.277414	14-Feb-23
BAS	F	503	30	D4	03-Apr-23	16.96	101.636772	-0.279116	0.281084	14-Feb-23	0.248408	14-Feb-23
BAS	F	503	30	E5	03-Apr-23	17.18	101.637078	-0.279610	0.171459	14-Feb-23	0.281084	14-Feb-23

Keterangan
Total Plot : 24 Plot
Total Kompartemen : 5 Kompartemen

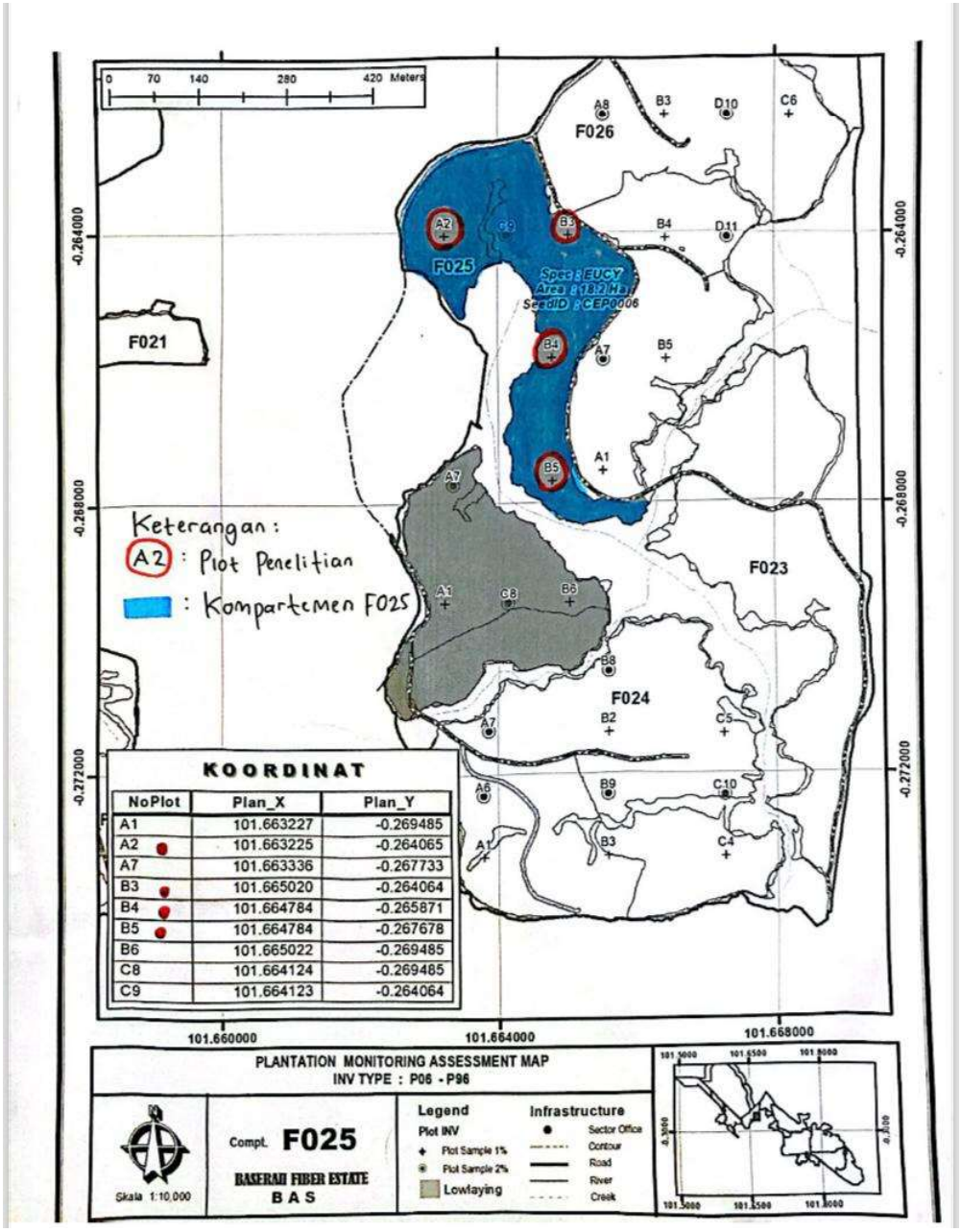
Lampiran 3 : Data Indeks Vegetasi dan Top Height Tree PMA 42

Sector	Estate	CompNo	Inv Type	Plot No	Sample Date	THT (m)	Coordinate X	Coordinate Y	NDVI	Sample Date Citra	GNDVI	Sample Date Citra
BAS	J	69	42	A1	22-Apr-23	21.06	101.838298	-0.367819	0.590381	31-Mar-23	0.450987	31-Mar-23
BAS	J	69	42	D5	22-Apr-23	20.96	101.843683	-0.366010	0.571532	31-Mar-23	0.342932	31-Mar-23
BAS	J	69	42	C4	22-Apr-23	21.26	101.841888	-0.366914	0.575627	31-Mar-23	0.316268	31-Mar-23
BAS	J	69	42	C3	22-Apr-23	21.76	101.841888	-0.366011	0.579402	31-Mar-23	0.446075	31-Mar-23
BAS	J	69	42	B6	22-May-23	21.16	101.840093	-0.366915	0.596090	31-Mar-23	0.442484	31-Mar-23
BAS	I	77	42	B3	28-May-23	20.76	101.813188	-0.304667	0.523813	14-Feb-23	0.446075	14-Feb-23
BAS	I	77	42	B4	28-May-23	21.78	101.813188	-0.306299	0.584164	14-Feb-23	0.422319	14-Feb-23
BAS	I	77	42	A1	28-May-23	21.06	101.811393	-0.306475	0.533029	14-Feb-23	0.458625	14-Feb-23
BAS	I	77	42	A2	28-May-23	21.00	101.811413	-0.304706	0.527021	14-Feb-23	0.448471	14-Feb-23
BAS	I	77	42	A7	28-Jun-23	21.50	101.811393	-0.305571	0.594479	14-Feb-23	0.434520	14-Feb-23
BAS	K	41	42	A1	24-Jul-23	20.96	101.869142	-0.409858	0.542932	14-Feb-23	0.442484	14-Feb-23
BAS	K	41	42	A2	24-Jul-23	20.40	101.869142	-0.408051	0.526669	14-Feb-23	0.435701	14-Feb-23
BAS	K	41	42	B3	24-Jul-23	21.88	101.870937	-0.408051	0.527967	14-Feb-23	0.448708	14-Feb-23
BAS	K	41	42	C5	24-Jul-23	20.54	101.872600	-0.411491	0.366073	14-Feb-23	0.481548	14-Feb-23
BAS	K	45	42	A1	24-Jul-23	21.26	101.867454	-0.405484	0.415561	14-Feb-23	0.277673	14-Feb-23
BAS	K	45	42	B3	24-Jul-23	20.98	101.869249	-0.403676	0.316268	14-Feb-23	0.277414	14-Feb-23
BAS	K	45	42	B4	24-Jul-23	20.26	101.869249	-0.405483	0.309830	14-Feb-23	0.273631	14-Feb-23
BAS	K	45	42	C5	24-Jul-23	21.30	101.870956	-0.405483	0.311574	14-Feb-23	0.273551	14-Feb-23
BAS	K	45	42	C9	24-Jul-23	20.96	101.871045	-0.406387	0.327389	14-Feb-23	0.284399	14-Feb-23
BAS	I	92	42	B2	10-May-23	21.16	101.819022	-0.323963	0.467948	14-Feb-23	0.212729	14-Feb-23
BAS	I	92	42	B3	10-May-23	20.84	101.819022	-0.325770	0.481975	14-Feb-23	0.211220	14-Feb-23
BAS	I	92	42	B5	10-May-23	20.40	101.819023	-0.329384	0.302299	14-Feb-23	0.208932	14-Feb-23
BAS	I	92	42	C6	10-May-23	20.80	101.820691	-0.329384	0.248408	14-Feb-23	0.213459	14-Feb-23
BAS	I	92	42	C9	10-May-23	20.68	101.820817	-0.323963	0.547698	14-Feb-23	0.181940	14-Feb-23
Keterangan Total Plot : 24 Plot Total Kompartemen : 5 Kompartemen												

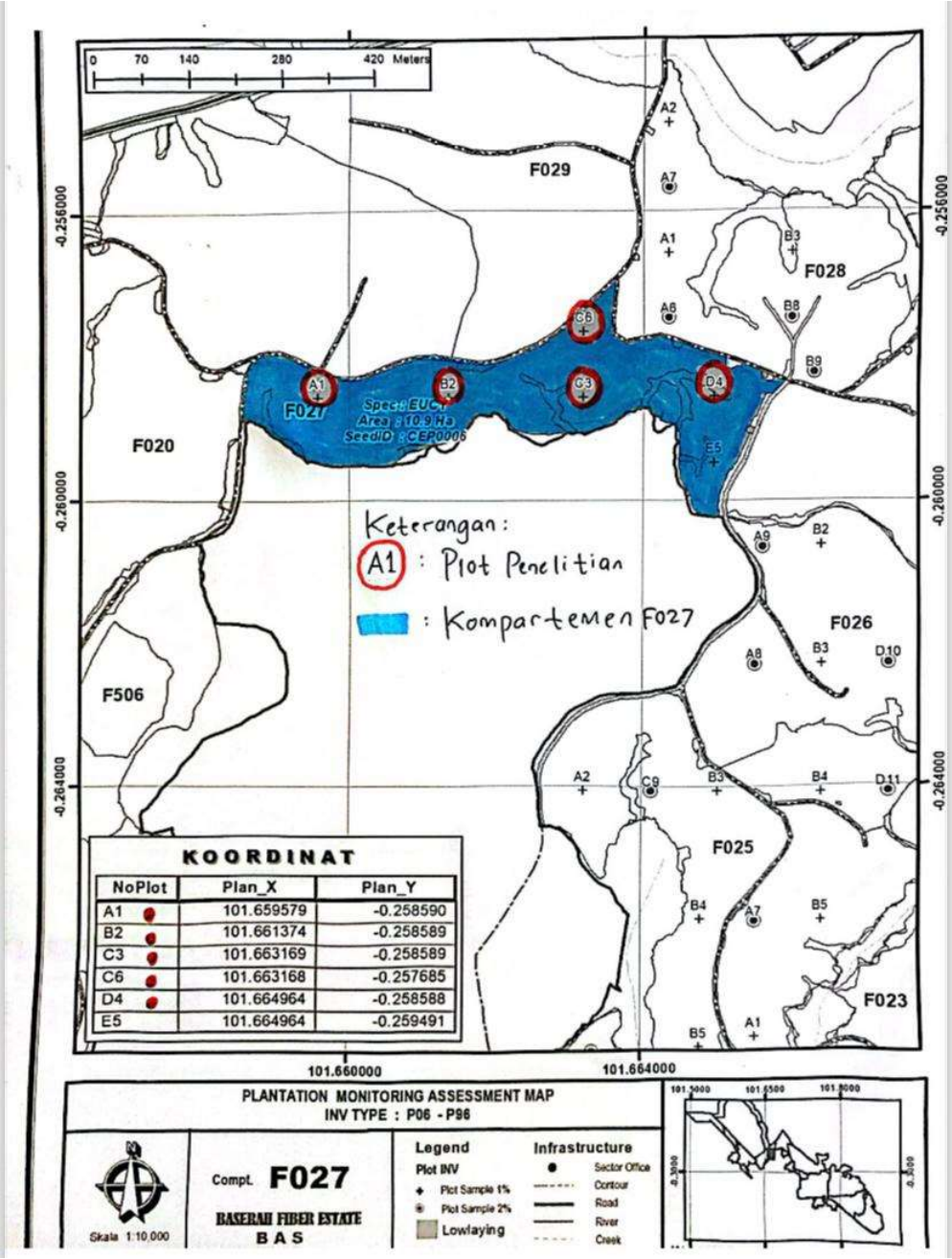
Lampiran 4 : Peta Kompartemen A029



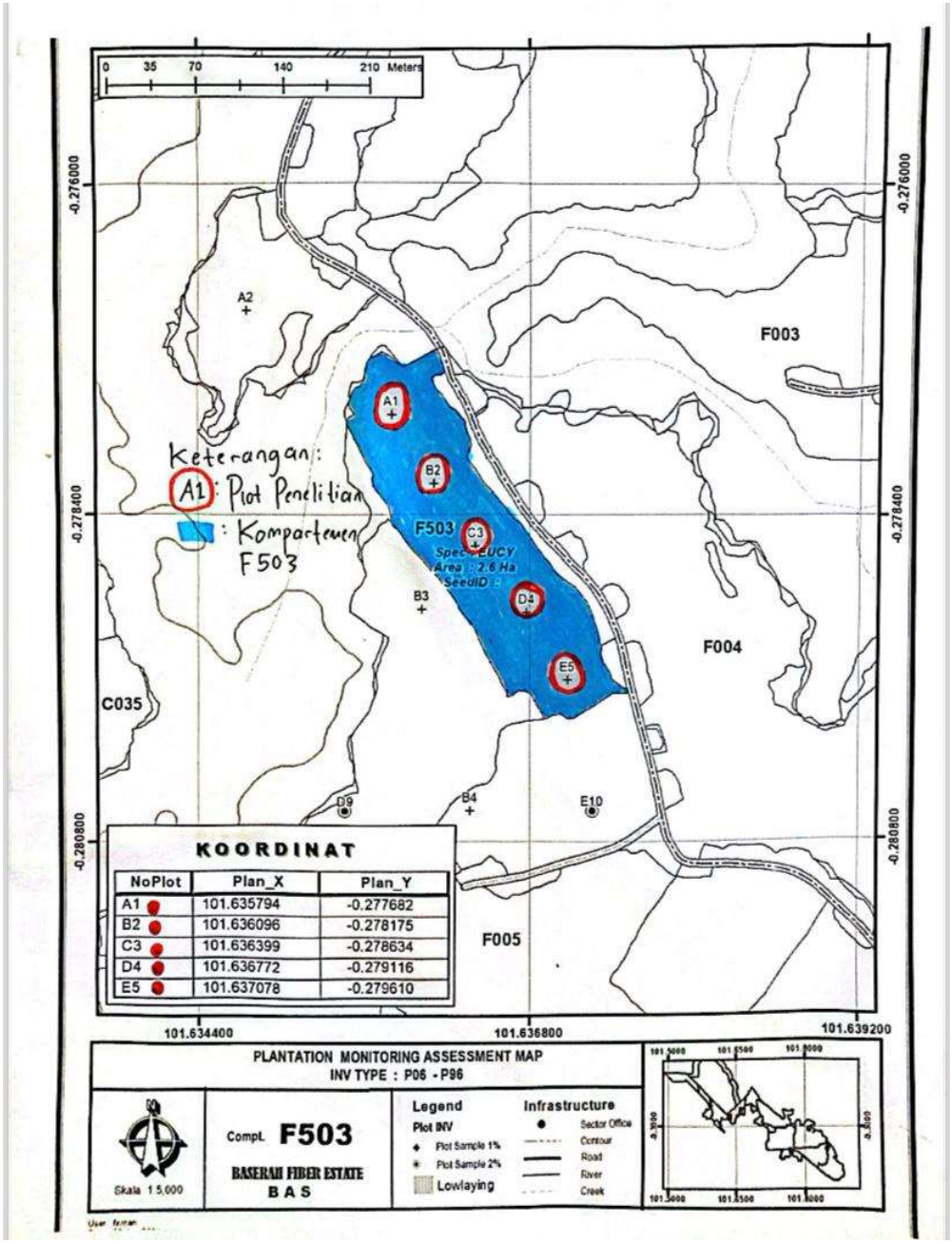
Lampiran 5 : Peta Kompartemen F025



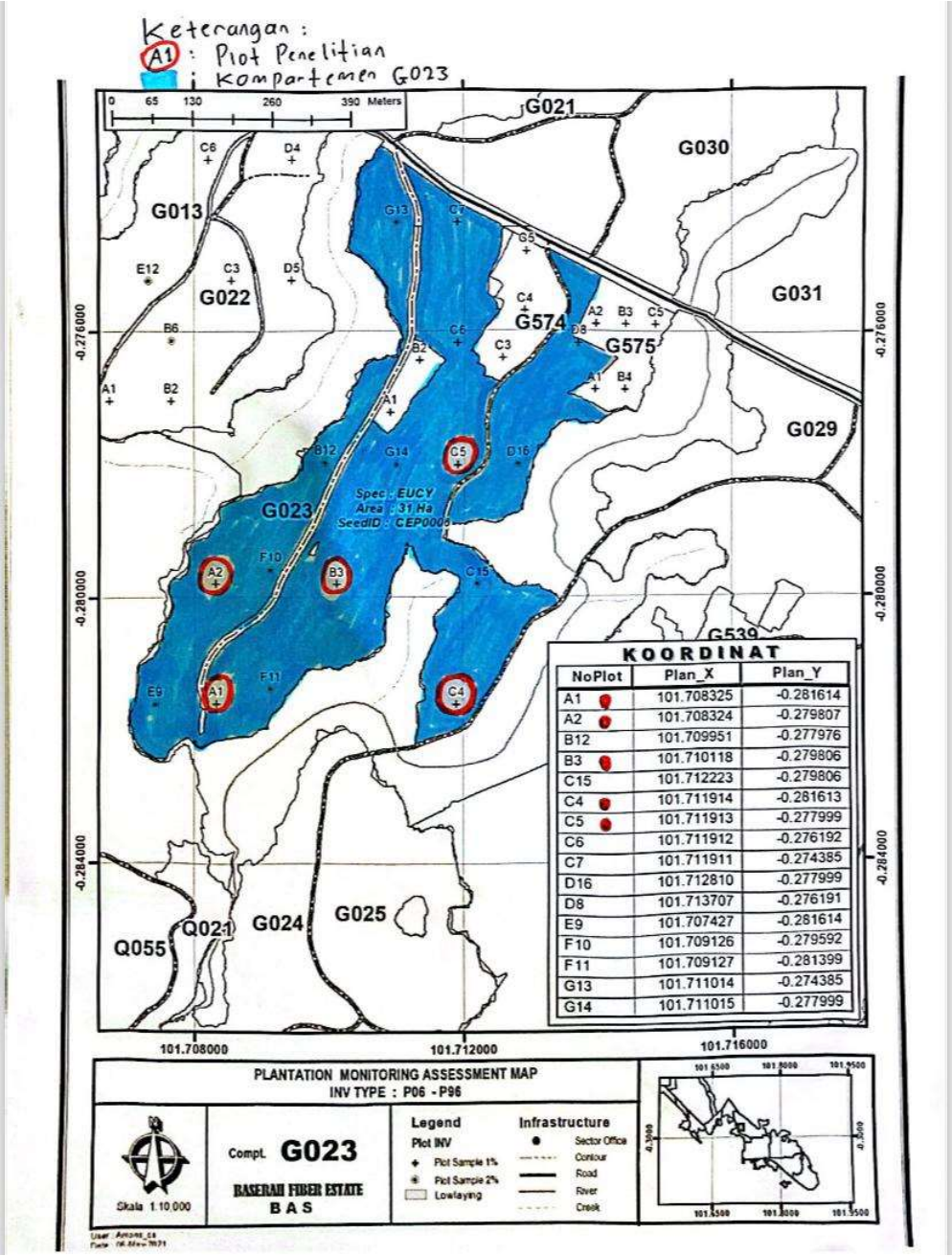
Lampiran 6 : Peta Kompartemen F027



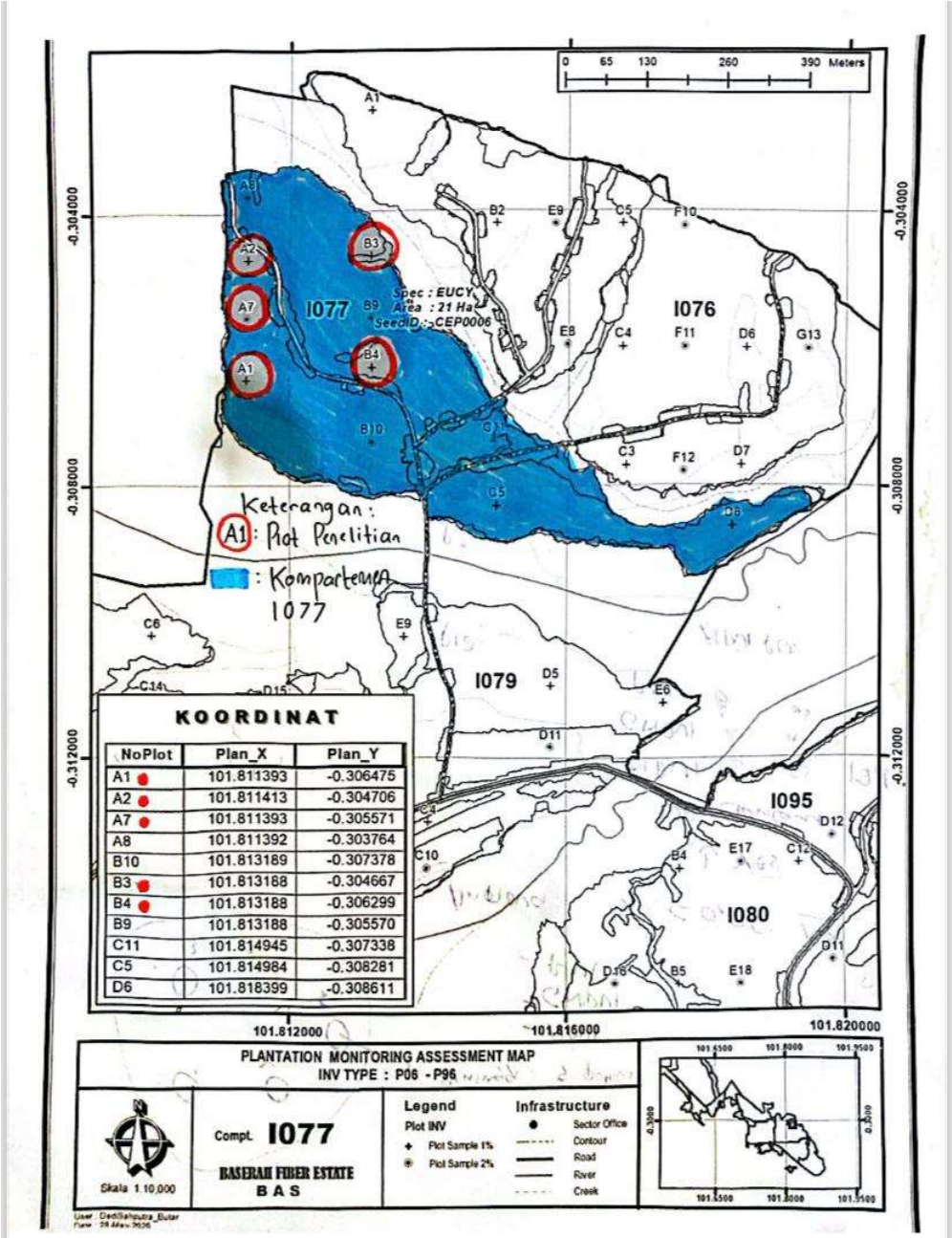
Lampiran 7 : Peta Kompartemen F503



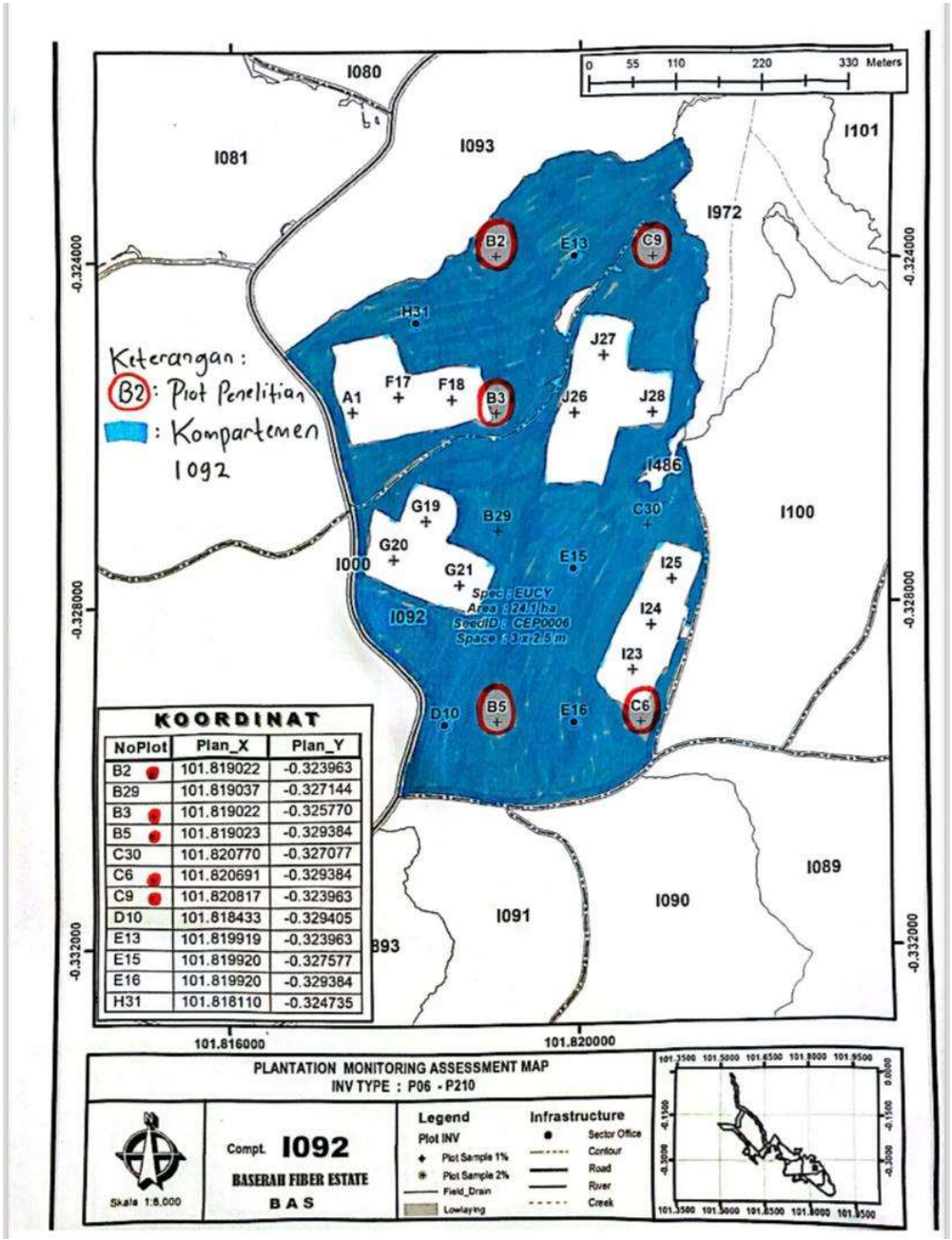
Lampiran 8 : Peta Kompartemen G023



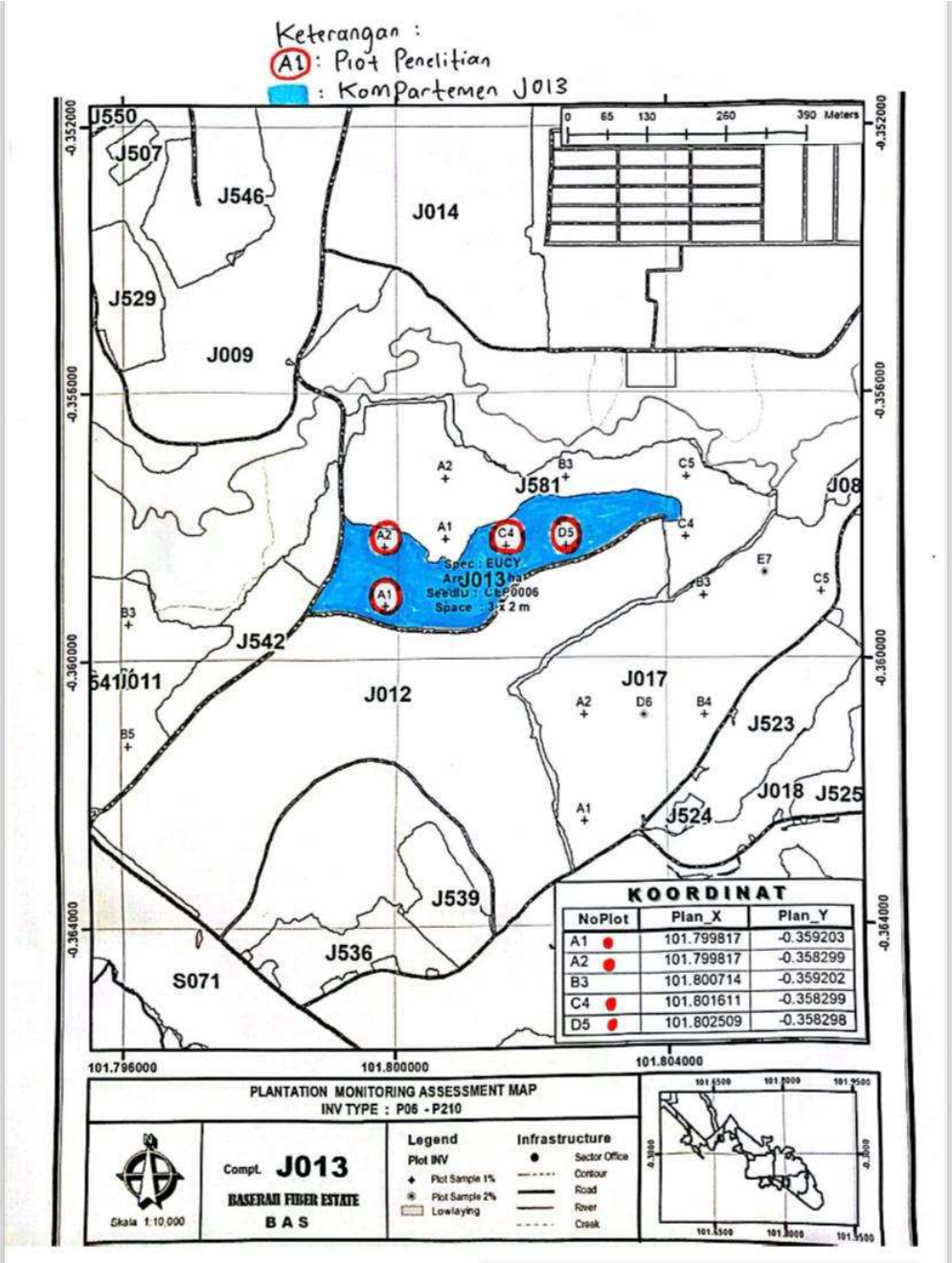
Lampiran 9 : Peta Kompartemen I077



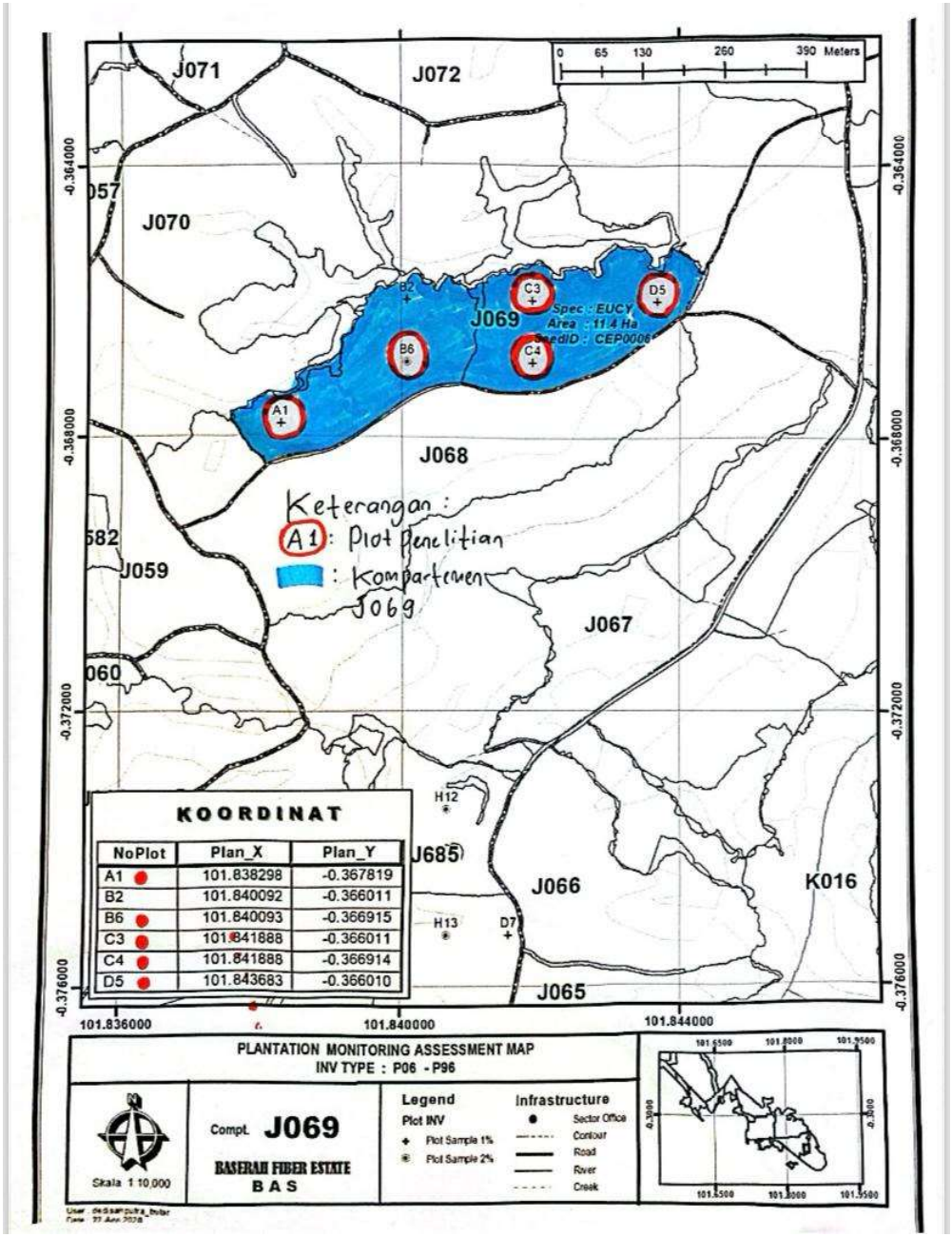
Lampiran 10 : Peta Kompartemen I092



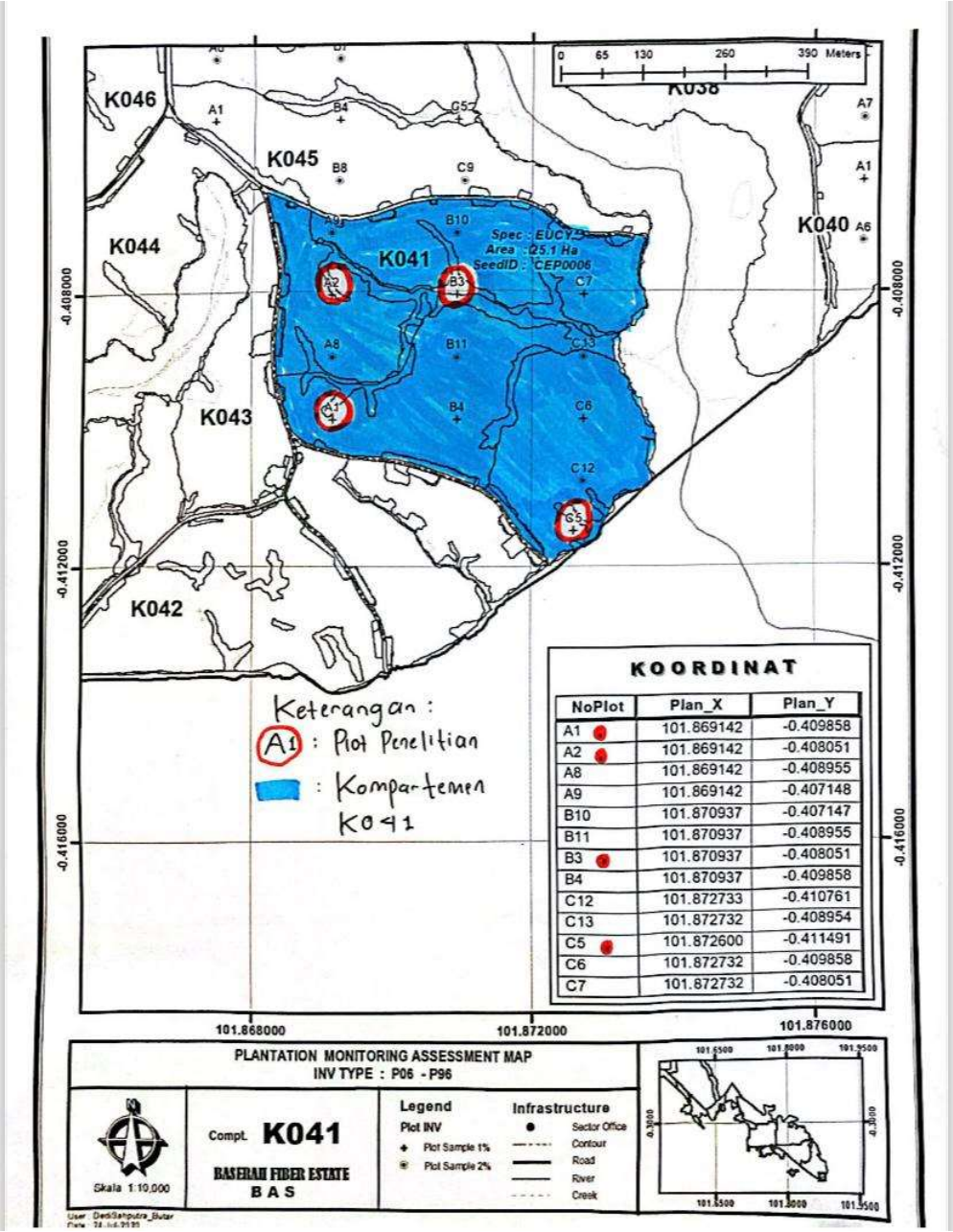
Lampiran 11 : Peta Kompartemen J013



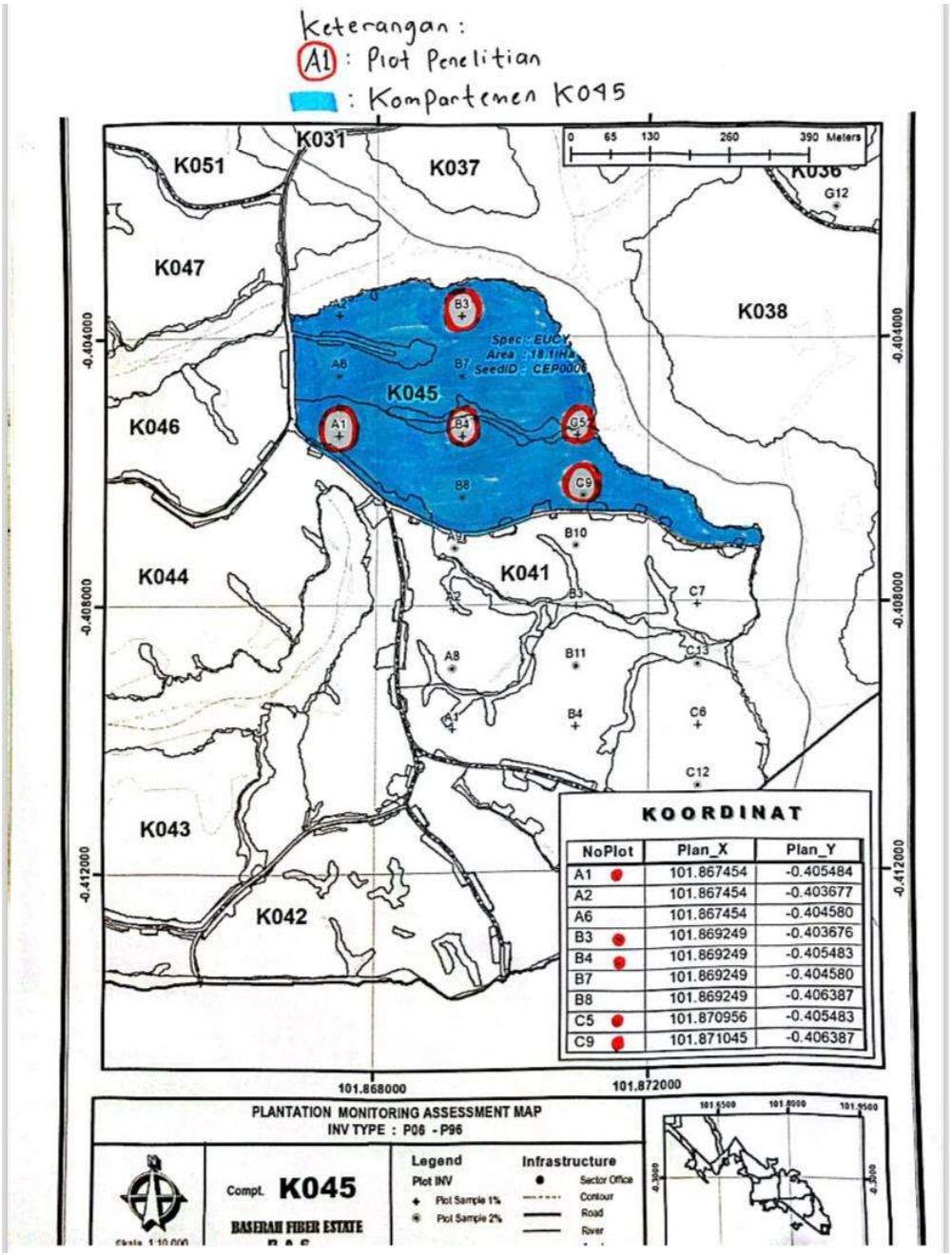
Lampiran 12 : Peta Kompartemen J069



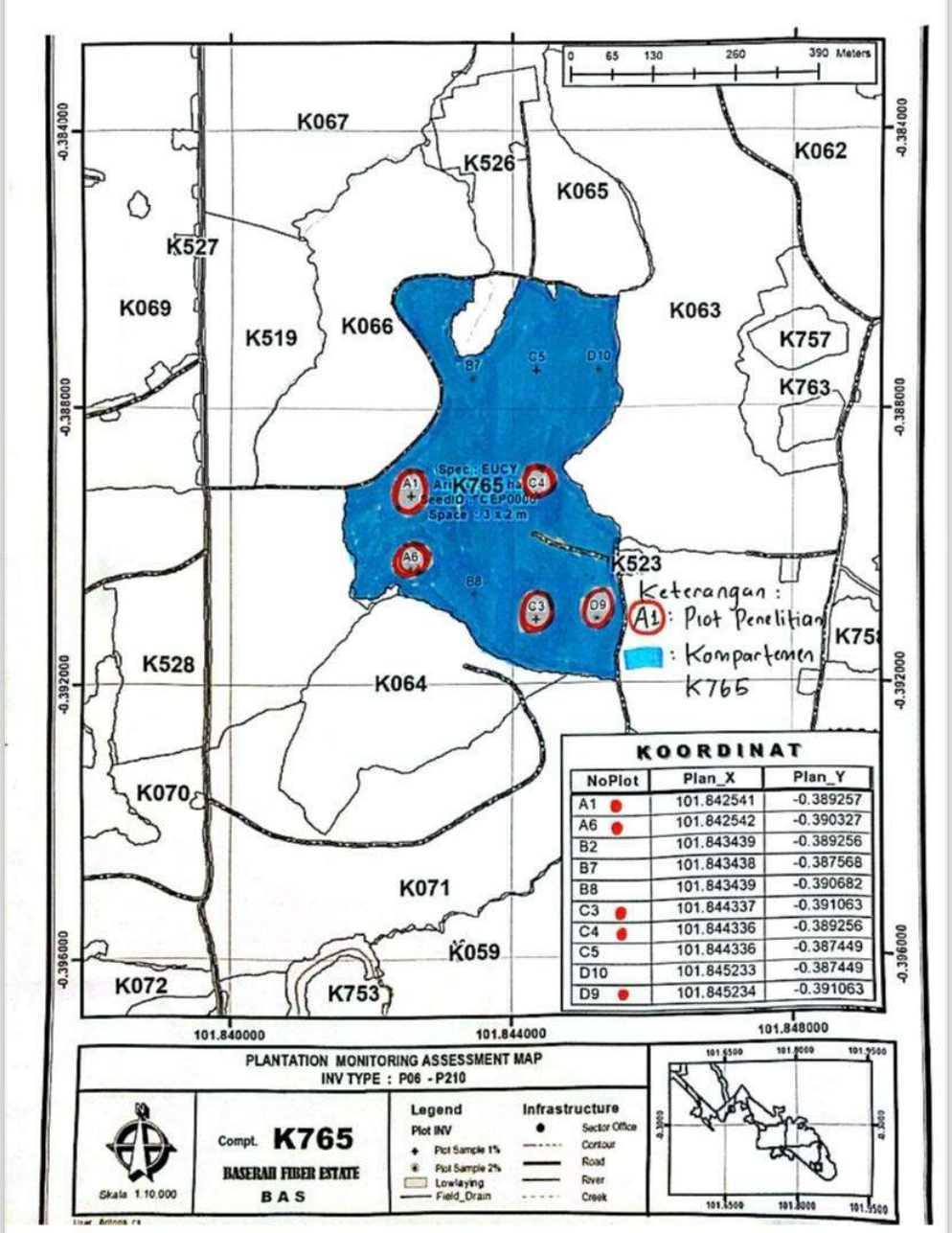
Lampiran 13 : Peta Kompartemen K041



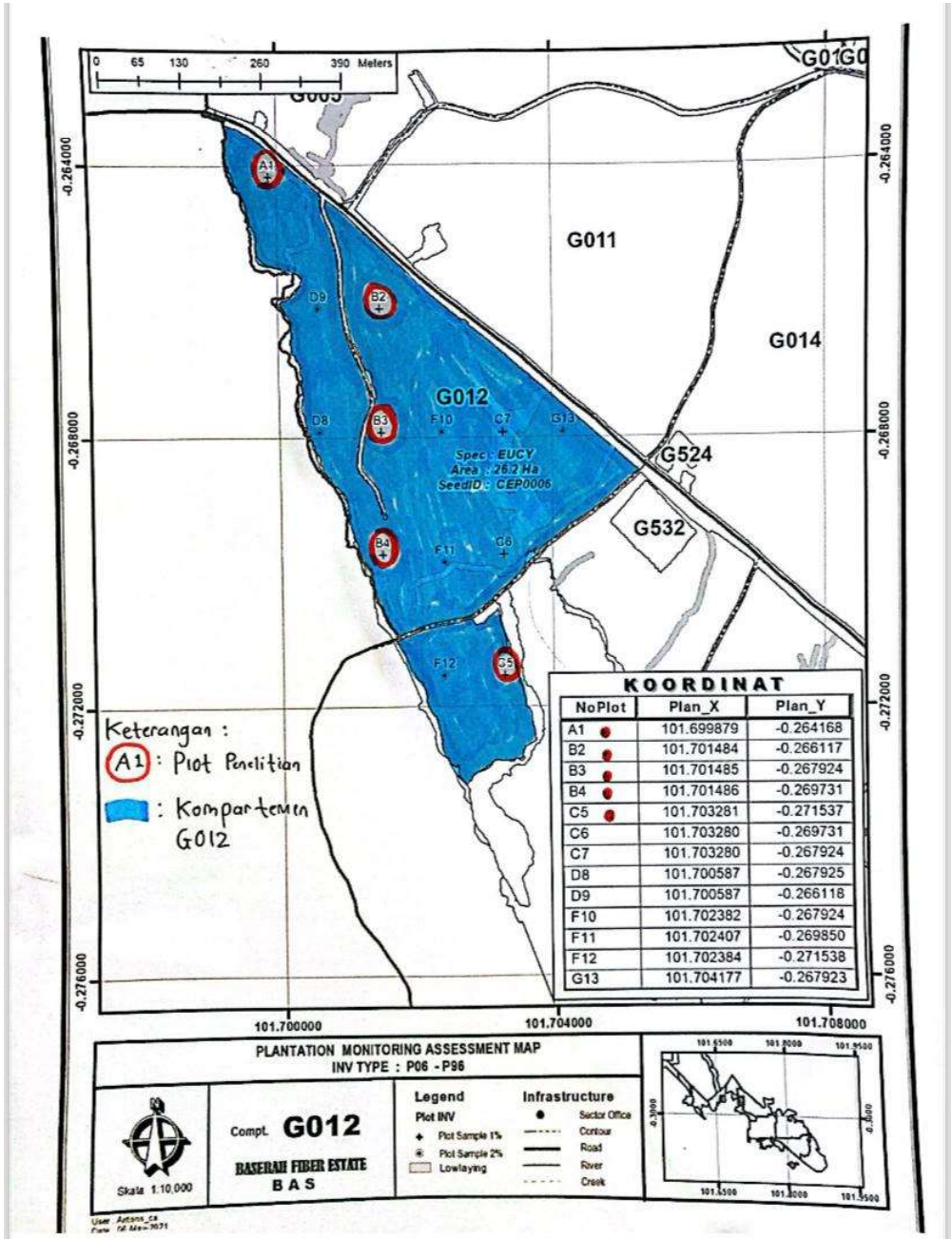
Lampiran 14 : Peta Kompartemen K045



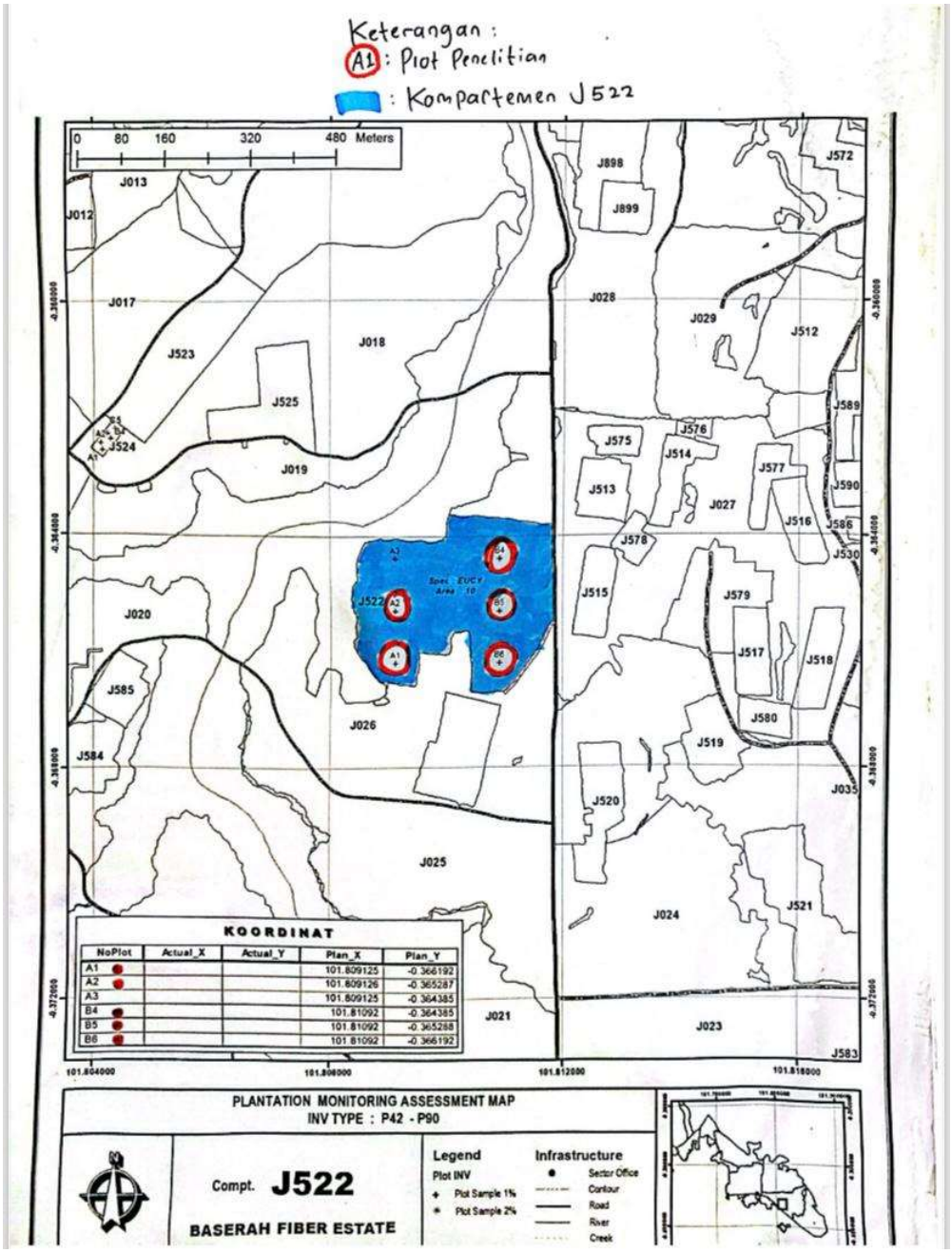
Lampiran 15 : Peta Kompartemen K765



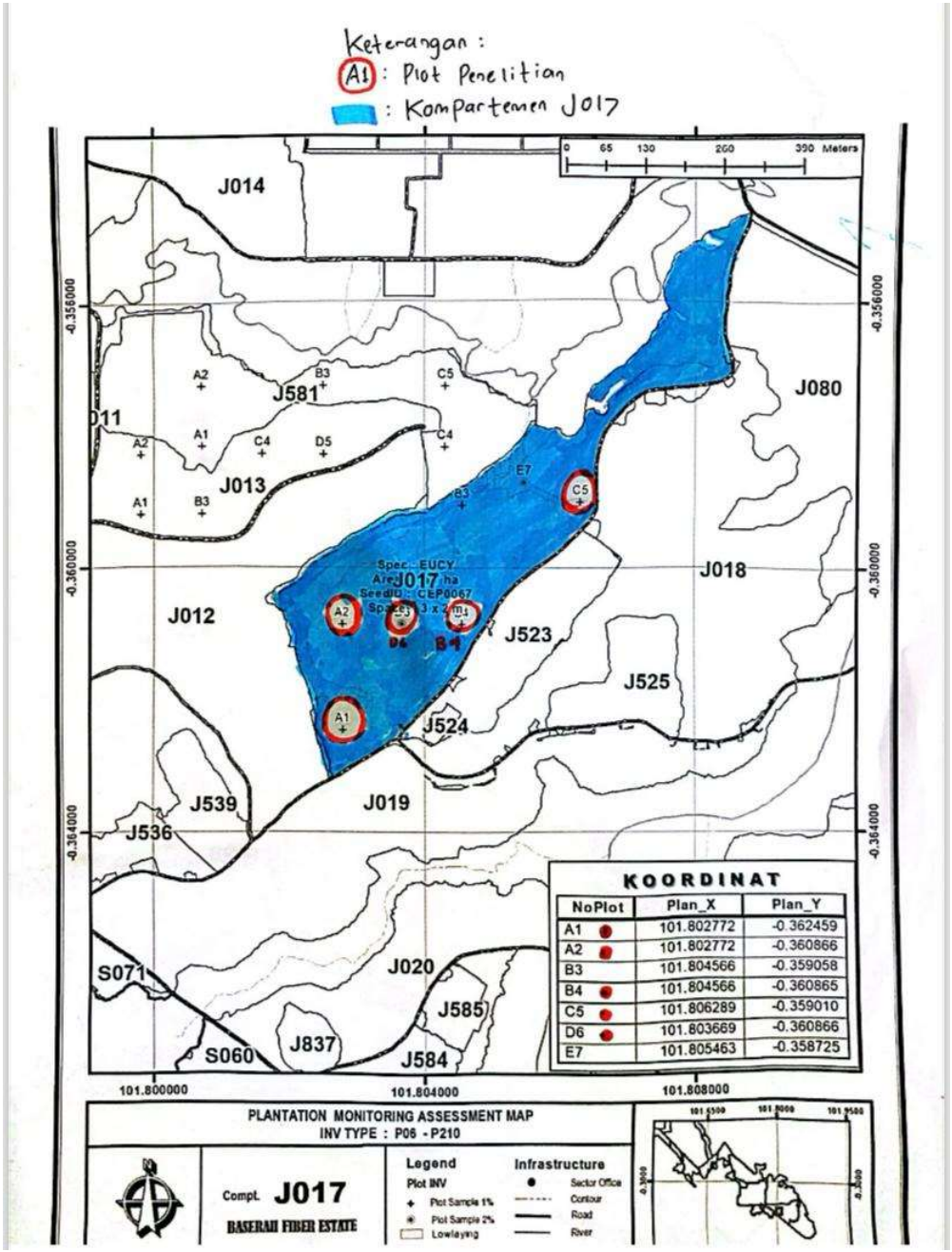
Lampiran 16 : Peta Kompartemen G012



Lampiran 17 : Peta Kompartemen J522



Lampiran 18 : Peta Kompartemen J017



Lampiran 19 : Survey Lapangan Mengukur Tinggi Pohon Menggunakan Vertex Pada PMA 42

Lampiran 20 : Uji Normalitas NDVI PMA 18

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		23
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.02059248
Most Extreme Differences	Absolute	.122
	Positive	.070
	Negative	-.122
Test Statistic		.122
Asymp. Sig. (2-tailed)		.200[c,d]

Keterangan :

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Lampiran 21 : Uji Normalitas GNDVI PMA 18

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		23
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.01697434
Most Extreme Differences	Absolute	.106
	Positive	.076
	Negative	-.106
Test Statistic		.106
Asymp. Sig. (2-tailed)		.200[c,d]

Keterangan :

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Lampiran 22 : Uji Normalitas NDVI PMA 30

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		24
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.34115688
Most Extreme Differences	Absolute	.146
	Positive	.146
	Negative	-.087
Test Statistic		.146
Asymp. Sig. (2-tailed)		.200[c,d]

Keterangan :

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Lampiran 23 : Uji Normalitas GNDVI PMA 30

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		24
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.33018436
Most Extreme Differences	Absolute	.129
	Positive	.098
	Negative	-.129
Test Statistic		.129
Asymp. Sig. (2-tailed)		.200[c,d]

Keterangan :

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Lampiran 24 : Uji Normalitas NDVI PMA 42

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		24
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.37893539
Most Extreme Differences	Absolute	.116
	Positive	.116
	Negative	-.091
Test Statistic		.116
Asymp. Sig. (2-tailed)		.200[c,d]

Keterangan :

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Lampiran 25 : Uji Normalitas GNDVI PMA 42

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		24
Normal Parameters[a,b]	Mean	.0000000
	Std. Deviation	.40433962
Most Extreme Differences	Absolute	.121
	Positive	.121
	Negative	-.112
Test Statistic		.121
Asymp. Sig. (2-tailed)		.200[c,d]

Keterangan

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Lampiran 26 : Uji Linearitas NDVI PMA 18

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Pohon Dominan * NDVI PMA 18	Between Groups	(Combined)	.007	12	.001	1.013	.499
		Linearity	.003	1	.003	5.241	.045
		Deviation from Linearity	.004	11	.000	.629	.771
	Within Groups		.006	10	.001		
	Total		.012	22			

Lampiran 27 : Uji Linearitas GNDVI PMA 18

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Pohon Dominan * GNDVI PMA 18	Between Groups	(Combined)	.008	11	.001	1.791	.174
		Linearity	.006	1	.006	14.339	.003
		Deviation from Linearity	.002	10	.000	.536	.832
	Within Groups		.004	11	.000		
	Total		.012	22			

Lampiran 28 : Uji Linearitas NDVI PMA 30

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Pohon Dominan * NDVI PMA 30	Between Groups	(Combined)	1.755	12	.146	1.142	.416
		Linearity	.454	1	.454	3.548	.086
		Deviation from Linearity	1.300	11	.118	.923	.551
	Within Groups		1.408	11	.128		
	Total		3.163	23			

Lampiran 29 : Uji Linearitas GNDVI PMA 30

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Pohon Dominan * GNDVI PMA 30	Between Groups	(Combined)	1.621	9	.180	1.634	.198
		Linearity	.657	1	.657	5.967	.028
		Deviation from Linearity	.963	8	.120	1.093	.422
	Within Groups		1.542	14	.110		
	Total		3.163	23			

Lampiran 30 : Uji Linearitas NDVI PMA 42

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Pohon Dominan * NDVI PMA 42	Between Groups	(Combined)	2.243	10	.224	1.504	.242
		Linearity	.916	1	.916	6.142	.028
		Deviation from Linearity	1.327	9	.147	.989	.492
	Within Groups		1.939	13	.149		
	Total		4.182	23			

Lampiran 31 : Uji Linearitas GNDVI PMA 42

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Pohon DOminan * GNDVI PMA 42	Between Groups	(Combined)	1.614	9	.179	.978	.497
		Linearity	.415	1	.415	2.261	.155
		Deviation from Linearity	1.199	8	.150	.817	.600
	Within Groups		2.568	14	.183		
	Total		4.182	23			

Lampiran 32 : Uji Heteroskedastisitas Indeks Vegetasi PMA 18

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	.015	.009		1.670	.110
	NDVI PMA 18	.017	.022	.200	.790	.439
	GNDVI PMA 18	-.034	.039	-.220	-.871	.394

a. Dependent Variable: ABS_RES

Lampiran 33 : Uji Heteroskedastisitas Indeks Vegetasi PMA 30

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	-.155	.193		-.802	.432
	NDVI PMA 30	.179	.222	.170	.807	.428
	GNDVI PMA 30	1.077	.524	.433	2.055	.053

a. Dependent Variable: ABS_RES

Lampiran 34 : Uji Heteroskedastisitas Indeks Vegetasi PMA 42

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	.281	.184		1.526	.142
	NDVI PMA 42	-.296	.444	-.174	-.667	.512
	GNDVI PMA 42	.498	.494	.263	1.008	.325

a. Dependent Variable: ABS_RES

Lampiran 35 : Uji Korelasi Pearson Indeks Vegetasi PMA 18

Correlations

		THT	NDVI PMA 18	GNDVI PMA 18
Pohon Dominan	Pearson Correlation	1	.488*	.694**
	Sig. (2-tailed)		.018	.000
	N	23	23	23
NDVI PMA 18	Pearson Correlation	.488*	1	.503*
	Sig. (2-tailed)	.018		.014
	N	23	23	23
GNDVI PMA 18	Pearson Correlation	.694**	.503*	1
	Sig. (2-tailed)	.000	.014	
	N	23	23	23

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Lampiran 36 : Uji Korelasi Pearson Indeks Vegetasi PMA 30

Correlations

		THT	NDVI PMA 30	GNDVI PMA 30
Pohon Dominan	Pearson Correlation	1	.392	.455*
	Sig. (2-tailed)		.058	.025
	N	24	24	24
NDVI PMA 30	Pearson Correlation	.392	1	-.326
	Sig. (2-tailed)	.058		.120
	N	24	24	24
GNDVI PMA 30	Pearson Correlation	.455*	-.326	1
	Sig. (2-tailed)	.025	.120	
	N	24	24	24

*. Correlation is significant at the 0.05 level (2-tailed).

Lampiran 37 : Uji Korelasi Pearson Indeks Vegetasi PMA 42

Correlations

		THT	NDVI PMA 42	GNDVI PMA 42
Pohon Dominan	Pearson Correlation	1	.459*	.318
	Sig. (2-tailed)		.024	.130
	N	24	24	24
NDVI PMA 42	Pearson Correlation	.459*	1	.576**
	Sig. (2-tailed)	.024		.003
	N	24	24	24
GNDVI PMA 42	Pearson Correlation	.318	.576**	1
	Sig. (2-tailed)	.130	.003	
	N	24	24	24

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Lampiran 38 : Keseluruhan Model Indeks Vegetasi Terbaik

Model	R2	RMSE	Bias	SA	SR	Total	Peringkat
N-181	2.95	4.00	1.40	3.94	3.97	16.25	1
N-182	1.92	4.00	1.40	3.95	3.98	15.25	3
N-183	2.58	4.00	1.40	3.94	3.97	15.90	2
N-184	2.95	1.00	1.40	3.94	3.97	13.25	4
G-181	4.00	4.00	1.40	3.99	4.00	17.39	1
G-182	1.01	4.00	1.40	4.00	4.00	14.41	2
G-183	1.00	4.00	1.40	4.00	4.00	14.40	3
G-184	1.00	4.00	1.40	3.99	4.00	14.39	4
N-301	3.59	3.91	1.97	1.10	1.57	12.14	2
N-302	3.16	3.91	1.12	1.28	1.72	11.20	3
N-303	3.39	3.91	1.90	1.13	1.59	11.92	4
N-304	3.56	3.91	2.30	1.10	1.57	12.44	1
G-301	3.18	3.92	3.69	1.34	1.78	13.91	3
G-302	2.56	3.92	3.48	1.52	1.92	13.41	4
G-303	3.48	3.92	4.00	1.36	1.79	14.54	1
G-304	3.21	3.92	3.99	1.35	1.78	14.25	2
N-421	3.16	3.90	3.55	1.12	1.11	12.84	3
N-422	2.99	3.91	3.49	1.23	1.22	12.83	4
N-423	3.24	3.90	3.88	1.10	1.10	13.23	1
N-424	3.15	3.90	3.89	1.12	1.11	13.18	2
G-421	3.99	3.89	1.98	1.00	1.00	11.87	2
G-422	3.58	3.90	1.00	1.13	1.12	10.73	3
G-423	3.91	3.89	2.15	1.03	1.03	12.02	1
G-424	1.08	3.89	2.38	1.00	1.00	9.36	4