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LAMPIRAN

LAMPIRAN A
DATA KADAR UNSUR *REE*

Data Rata-rata Kadar *HREE* dan *LREE* pada Titik Bor

A. Kadar *LREE*

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
1	K-01	0	1	421.00	758.00	58.60	192.00	32.40
2	K-01	1	2	-	-	-	-	-
3	K-01	2	3	276.00	671.00	47.20	151.00	24.70
4	K-01	3	4	493.00	1,060.00	72.50	237.00	40.40
5	K-01	4	5	537.00	876.00	76.60	246.00	40.10
6	K-01	5	6	520.00	913.00	76.90	250.00	41.70
7	K-01	6	7	112.00	334.00	24.30	81.80	14.70
8	K-01	7	8	505.00	858.00	76.50	255.00	42.40
9	K-01	8	9	802.00	1,260.00	149.00	560.00	92.20
10	K-01	9	10	772.00	1,130.00	190.00	843.00	178.00
11	K-01	10	11	684.00	994.00	165.00	741.00	162.00
12	K-01	11	12	602.00	1,090.00	101.00	367.00	70.90
13	K-01	12	13	565.00	1,070.00	90.00	315.00	58.70
14	K-01	13	14	471.00	960.00	88.60	351.00	73.20
15	K-01	14	15	207.00	510.00	52.50	206.00	40.70
16	K-01	15	16	402.00	743.00	70.50	272.00	54.20
17	K-01	16	17	658.00	1,190.00	108.00	403.00	74.10
18	K-01	17	18	416.00	818.00	71.40	277.00	53.50
1	K-02	0	1	-	-	-	-	-
2	K-02	1	2	422.00	815.00	57.80	195.00	32.30
3	K-02	2	3	441.00	861.00	60.00	204.00	34.10
4	K-02	3	4	425.00	818.00	60.40	203.00	35.50
5	K-02	4	5	584.00	1,100.00	83.80	278.00	47.60
6	K-02	5	6	448.00	999.00	62.60	208.00	35.30
7	K-02	6	7	529.00	917.00	73.30	237.00	39.30
8	K-02	7	8	528.00	940.00	66.80	213.00	33.70
9	K-02	8	9	575.00	1,010.00	73.90	234.00	37.30
10	K-02	9	10	375.00	664.00	52.10	169.00	29.50
11	K-02	10	11	587.00	1,720.00	87.20	284.00	47.40
12	K-02	11	12	200.00	469.00	34.00	102.00	15.80
13	K-02	12	13	440.00	764.00	59.10	194.00	31.80
14	K-02	13	14	884.00	1,660.00	147.00	506.00	86.10
1	K-03	0	1	-	-	-	-	-
2	K-03	1	2	303.00	859.00	62.20	210.00	33.80
3	K-03	2	3	324.00	810.00	66.50	220.00	35.70
4	K-03	3	4	322.00	846.00	66.20	218.00	34.40
5	K-03	4	5	269.00	804.00	53.20	173.00	26.90
6	K-03	5	6	358.00	783.00	71.00	215.00	33.30
7	K-03	6	7	245.00	552.00	47.30	148.00	22.80
8	K-03	7	8	109.00	237.00	21.40	65.90	11.10

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
9	K-03	8	9	513.00	1,680.00	99.40	330.00	51.10
10	K-03	9	10	277.00	608.00	53.80	172.00	26.40
11	K-03	10	11	275.00	680.00	58.00	179.00	28.30
12	K-03	11	12	124.00	561.00	24.60	79.00	12.40
13	K-03	12	13	212.00	1,300.00	43.30	139.00	21.70
14	K-03	13	14	181.00	537.00	38.20	125.00	20.30
15	K-03	14	15	326.00	838.00	67.10	215.00	33.70
16	K-03	15	16	306.00	802.00	64.00	210.00	32.50
17	K-03	16	17	363.00	941.00	78.70	272.00	42.00
18	K-03	17	18	353.00	924.00	78.30	267.00	41.10
19	K-03	18	19	293.00	715.00	74.90	284.00	43.60
20	K-03	19	20	622.00	1,180.00	174.00	689.00	119.00
21	K-03	20	21	529.00	896.00	171.00	732.00	138.00
22	K-03	21	22	518.00	1,030.00	162.00	687.00	144.00
23	K-03	22	23	841.00	1,750.00	224.00	856.00	165.00
24	K-03	23	24	642.00	1,200.00	150.00	589.00	119.00
1	K-04	0	1	-	-	-	-	-
2	K-04	1	2	294.00	826.00	60.70	198.00	31.30
3	K-04	2	3	293.00	827.00	59.70	194.00	30.50
4	K-04	3	4	307.00	851.00	64.10	206.00	32.90
5	K-04	4	5	297.00	819.00	58.80	187.00	28.80
6	K-04	5	6	331.00	785.00	64.50	201.00	30.60
7	K-04	6	7	241.00	604.00	49.00	163.00	26.40
8	K-04	7	8	289.00	624.00	54.40	167.00	25.40
9	K-04	8	9	344.00	729.00	74.20	241.00	39.60
10	K-04	9	10	588.00	1,290.00	129.00	425.00	68.80
11	K-04	10	11	293.00	664.00	73.80	268.00	40.40
12	K-04	11	12	386.00	801.00	103.00	388.00	58.20
13	K-04	12	13	511.00	1,160.00	151.00	630.00	121.00
14	K-04	13	14	462.00	695.00	167.00	759.00	155.00
1	K-05	0	1	-	-	-	-	-
2	K-05	1	2	282.00	793.00	57.20	186.00	29.50
3	K-05	2	3	282.00	774.00	57.80	188.00	29.80
4	K-05	3	4	238.00	654.00	46.10	145.00	22.70
5	K-05	4	5	388.00	1,030.00	78.00	246.00	37.50
6	K-05	5	6	175.00	371.00	34.50	111.00	17.80
7	K-05	6	7	179.00	342.00	33.60	106.00	16.10
8	K-05	7	8	155.00	251.00	30.60	99.40	16.30
9	K-05	8	9	321.00	778.00	67.00	213.00	33.50
10	K-05	9	10	189.00	507.00	43.10	144.00	24.00
11	K-05	10	11	616.00	1,170.00	112.00	386.00	60.80
12	K-05	11	12	393.00	898.00	107.00	411.00	64.40
13	K-05	12	13	369.00	872.00	86.00	304.00	51.00
14	K-05	13	14	363.00	850.00	92.20	343.00	60.30
15	K-05	14	15	461.00	786.00	140.00	564.00	117.00
16	K-05	15	16	430.00	991.00	131.00	549.00	122.00

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
17	K-05	16	17	340.00	809.00	98.10	402.00	85.60
18	K-05	17	18	291.00	709.00	70.10	265.00	48.90
19	K-05	18	19	386.00	790.00	92.30	340.00	59.50
20	K-05	19	20	370.00	889.00	88.80	325.00	57.30
1	K-06	0	1	271.00	1,010.00	52.40	167.00	27.10
2	K-06	1	2	278.00	1,020.00	53.50	171.00	26.30
3	K-06	2	3	291.00	585.00	55.70	179.00	28.60
4	K-06	3	4	282.00	480.00	50.30	155.00	22.80
5	K-06	4	5	286.00	558.00	52.00	166.00	26.20
6	K-06	5	6	556.00	1,850.00	102.00	315.00	46.30
7	K-06	6	7	211.00	989.00	39.60	127.00	19.90
8	K-06	7	8	298.00	1,020.00	54.70	168.00	24.60
9	K-06	8	9	254.00	515.00	50.60	166.00	24.50
10	K-06	9	10	454.00	1,200.00	107.00	389.00	56.70
11	K-06	10	11	364.00	540.00	102.00	394.00	59.60
12	K-06	11	12	488.00	1,110.00	142.00	557.00	101.00
13	K-06	12	13	389.00	1,200.00	89.10	324.00	56.10
14	K-06	13	14	571.00	1,380.00	167.00	704.00	164.00
15	K-06	14	15	559.00	1,510.00	156.00	654.00	146.00
16	K-06	15	16	386.00	1,260.00	90.60	346.00	65.90
17	K-06	16	17	409.00	1,350.00	92.10	330.00	60.80
18	K-06	17	18	220.00	414.00	51.50	188.00	34.20
19	K-06	18	19	618.00	1,810.00	126.00	425.00	70.50
20	K-06	19	20	478.00	1,570.00	97.10	335.00	55.20
21	K-06	20	21	390.00	1,310.00	84.20	293.00	50.30
1	K-07	0	1	279.00	1,100.00	56.30	195.00	31.80
2	K-07	1	2	287.00	1,090.00	58.40	196.00	32.00
3	K-07	2	3	340.00	1,130.00	71.10	243.00	40.70
4	K-07	3	4	291.00	510.00	67.20	243.00	41.30
5	K-07	4	5	294.00	436.00	70.20	258.00	42.00
6	K-07	5	6	510.00	1,220.00	135.00	530.00	95.40
7	K-07	6	7	424.00	1,210.00	107.00	412.00	81.40
8	K-07	7	8	444.00	1,310.00	98.80	349.00	61.20
9	K-07	8	9	250.00	476.00	53.80	194.00	34.40
10	K-07	9	10	195.00	393.00	43.90	160.00	27.70
11	K-07	10	11	249.00	479.00	54.80	199.00	35.50
12	K-07	11	12	358.00	1,140.00	81.60	289.00	50.30
13	K-07	12	13	274.00	513.00	59.20	207.00	34.70
14	K-07	13	14	180.00	352.00	39.20	141.00	23.90
15	K-07	14	15	180.00	447.00	43.60	162.00	28.90
16	K-07	15	16	67.10	149.00	16.00	59.80	11.60
17	K-07	16	17	195.00	424.00	47.60	183.00	33.80
1	K-60	0	1	331.00	994.00	73.90	278.00	47.80
2	K-60	1	2	337.00	976.00	76.00	287.00	49.40
3	K-60	2	3	348.00	935.00	80.30	302.00	52.70
4	K-60	3	4	294.00	741.00	76.30	323.00	62.60

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
5	K-60	4	5	289.00	994.00	62.00	255.00	51.00
6	K-60	5	6	170.00	564.00	41.50	171.00	33.90
7	K-60	6	7	189.00	366.00	43.20	169.00	30.90
1	K-61	0	1	375.00	1,060.00	77.60	272.00	43.20
2	K-61	1	2	384.00	1,080.00	79.40	274.00	43.00
3	K-61	2	3	382.00	1,080.00	79.00	274.00	43.20
4	K-61	3	4	389.00	1,070.00	85.90	303.00	47.80
5	K-61	4	5	457.00	1,140.00	105.00	379.00	62.00
6	K-61	5	6	398.00	1,030.00	92.70	338.00	55.50
7	K-61	6	7	443.00	1,120.00	115.00	443.00	72.00
8	K-61	7	8	326.00	890.00	90.90	398.00	74.60
1	K-62	0	1	324.00	907.00	70.50	260.00	43.40
2	K-62	1	2	332.00	910.00	71.80	264.00	43.90
3	K-62	2	3	345.00	961.00	75.50	279.00	46.10
4	K-62	3	4	409.00	1,170.00	88.60	318.00	51.60
5	K-62	4	5	292.00	1,180.00	60.50	212.00	33.20
6	K-62	5	6	342.00	965.00	78.00	287.00	47.70
7	K-62	6	7	180.00	383.00	35.40	120.00	18.60
8	K-62	7	8	200.00	396.00	38.90	132.00	20.30
9	K-62	8	9	177.00	334.00	33.20	111.00	17.60
10	K-62	9	10	123.00	255.00	18.30	56.80	8.70
11	K-62	10	11	104.00	632.00	17.50	60.90	10.30
1	K-63	0	1	297.00	861.00	60.40	207.00	31.70
2	K-63	1	2	318.00	900.00	66.10	227.00	35.30
3	K-63	2	3	252.00	704.00	53.90	194.00	32.00
1	K-64	0	1	335.00	1,040.00	63.10	211.00	31.70
2	K-64	1	2	353.00	1,130.00	66.70	224.00	35.10
3	K-64	2	3	333.00	1,070.00	62.60	211.00	32.40
4	K-64	3	4	335.00	1,070.00	62.40	208.00	31.20
5	K-64	4	5	287.00	985.00	53.10	179.00	27.20
6	K-64	5	6	218.00	779.00	39.00	127.00	19.70
7	K-64	6	7	460.00	1,060.00	99.00	350.00	57.40
8	K-64	7	8	259.00	604.00	50.60	169.00	25.70
9	K-64	8	9	307.00	656.00	63.00	215.00	32.30
10	K-64	9	10	470.00	1,140.00	91.90	306.00	46.40
11	K-64	10	11	450.00	1,110.00	88.30	297.00	44.60
12	K-64	11	12	541.00	1,160.00	136.00	572.00	99.80
13	K-64	12	13	243.00	658.00	60.20	236.00	41.20
1	K-65	0	1	392.00	1,260.00	85.10	300.00	50.90
2	K-65	1	2	397.00	1,120.00	86.40	320.00	52.80
3	K-65	2	3	403.00	1,140.00	88.40	324.00	53.50
4	K-65	3	4	242.00	760.00	42.70	147.00	23.00
5	K-65	4	5	208.00	402.00	34.20	111.00	16.00
6	K-65	5	6	128.00	266.00	20.70	65.30	9.80
7	K-65	6	7	406.00	1,450.00	63.80	187.00	26.60
8	K-65	7	8	256.00	698.00	46.80	146.00	21.50

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
9	K-65	8	9	907.00	1,520.00	136.00	471.00	72.70
10	K-65	9	10	810.00	1,920.00	134.00	430.00	56.60
11	K-65	10	11	426.00	1,270.00	113.00	435.00	73.60
12	K-65	11	12	391.00	1,270.00	110.00	450.00	75.30
13	K-65	12	13	1,440.00	2,770.00	242.00	874.00	163.00
14	K-65	13	14	474.00	1,340.00	117.00	466.00	86.90
15	K-65	14	15	388.00	1,200.00	99.00	421.00	84.60
16	K-65	15	16	983.00	2,000.00	179.00	793.00	169.00
17	K-65	16	17	288.00	686.00	58.10	248.00	58.90
18	K-65	17	18	419.00	1,330.00	120.00	591.00	148.00
1	K-66	0	1	328.00	879.00	70.00	257.00	44.40
2	K-66	1	2	307.00	858.00	65.40	239.00	40.90
3	K-66	2	3	332.00	1,070.00	70.40	255.00	44.40
4	K-66	3	4	379.00	1,050.00	80.60	287.00	49.30
5	K-66	4	5	228.00	705.00	44.00	154.00	26.20
6	K-66	5	6	229.00	725.00	42.40	155.00	28.00
7	K-66	6	7	354.00	815.00	64.30	219.00	35.50
8	K-66	7	8	515.00	1,160.00	104.00	411.00	78.80
9	K-66	8	9	328.00	994.00	92.70	481.00	122.00
1	K-67	0	1	329.00	893.00	73.30	282.00	50.10
2	K-67	1	2	335.00	896.00	74.50	289.00	51.40
3	K-67	2	3	368.00	1,080.00	82.80	320.00	56.30
4	K-67	3	4	306.00	1,030.00	66.90	263.00	50.90
5	K-67	4	5	290.00	912.00	64.30	256.00	51.30
6	K-67	5	6	381.00	1,110.00	84.60	335.00	68.20
7	K-67	6	7	543.00	1,290.00	125.00	513.00	102.00
8	K-67	7	8	264.00	825.00	61.50	254.00	53.30
9	K-67	8	9	379.00	957.00	84.10	333.00	64.00
10	K-67	9	10	523.00	1,200.00	124.00	504.00	95.10
11	K-67	10	11	355.00	969.00	81.10	323.00	61.90
12	K-67	11	12	443.00	1,150.00	108.00	441.00	84.60
13	K-67	12	13	322.00	892.00	76.10	309.00	61.10
1	K-68	0	1	284.00	821.00	62.60	244.00	45.00
2	K-68	1	2	366.00	947.00	84.90	343.00	67.00
3	K-68	2	3	332.00	881.00	79.30	324.00	62.30
4	K-68	3	4	158.00	280.00	27.90	95.90	17.10
5	K-68	4	5	27.90	113.00	5.54	26.80	7.70
6	K-68	5	6	52.40	122.00	7.85	35.20	8.30
7	K-68	6	7	29.20	185.00	8.04	49.20	14.70
8	K-68	7	8	41.80	197.00	10.30	61.00	18.10
9	K-68	8	9	75.40	221.00	20.00	105.00	28.30
10	K-68	9	10	117.00	294.00	31.20	149.00	37.90
11	K-68	10	11	168.00	377.00	43.90	200.00	49.90
12	K-68	11	12	193.00	372.00	39.00	153.00	32.30
13	K-68	12	13	225.00	456.00	51.50	209.00	43.20
1	K-69	0	1	84.40	272.00	14.50	47.20	8.70

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
2	K-69	1	2	109.00	286.00	21.50	81.70	14.20
3	K-69	2	3	194.00	294.00	48.90	200.00	35.70
4	K-69	3	4	179.00	283.00	34.90	126.00	23.90
5	K-69	4	5	162.00	268.00	31.50	113.00	21.30
6	K-69	5	6	140.00	236.00	27.90	101.00	18.40
7	K-69	6	7	121.00	195.00	24.90	91.00	16.50
8	K-69	7	8	103.00	209.00	20.70	75.80	14.10
9	K-69	8	9	126.00	209.00	23.50	85.10	15.10
10	K-69	9	10	153.00	258.00	30.30	111.00	21.20
1	P-01	0	1	-	-	-	-	-
2	P-01	1	2	272.00	1,120.00	44.90	138.00	20.90
3	P-01	2	3	277.00	1,120.00	46.20	143.00	22.10
4	P-01	3	4	246.00	968.00	41.10	126.00	19.40
5	P-01	4	5	186.00	606.00	30.70	92.70	15.20
6	P-01	5	6	223.00	568.00	35.80	111.00	17.60
7	P-01	6	7	179.00	615.00	29.40	88.10	14.30
8	P-01	7	8	242.00	682.00	36.90	112.00	17.70
9	P-01	8	9	194.00	721.00	32.10	101.00	17.10
10	P-01	9	10	347.00	991.00	59.20	184.00	27.90
11	P-01	10	11	397.00	605.00	64.60	193.00	28.30
12	P-01	11	12	209.00	565.00	63.50	249.00	40.60
13	P-01	12	13	723.00	980.00	161.00	588.00	92.80
14	P-01	13	14	698.00	936.00	169.00	633.00	104.00
15	P-01	14	15	720.00	1,040.00	193.00	732.00	128.00
16	P-01	15	16	1,280.00	1,370.00	278.00	1,030.00	182.00
17	P-01	16	17	1,250.00	1,690.00	261.00	977.00	181.00
18	P-01	17	18	1,110.00	1,680.00	231.00	867.00	163.00
19	P-01	18	19	1,100.00	1,560.00	229.00	877.00	169.00
20	P-01	19	20	664.00	1,300.00	158.00	613.00	118.00
21	P-01	20	21	539.00	1,120.00	115.00	408.00	71.50
1	P-02	0	1	-	-	-	-	-
2	P-02	1	2	467.00	1,720.00	66.20	183.00	25.80
3	P-02	2	3	482.00	1,570.00	65.90	182.00	27.80
4	P-02	3	4	544.00	1,880.00	65.10	179.00	24.60
5	P-02	4	5	557.00	1,270.00	75.60	205.00	29.60
6	P-02	5	6	739.00	1,570.00	114.00	326.00	49.70
7	P-02	6	7	582.00	1,870.00	110.00	348.00	62.90
8	P-02	7	8	381.00	1,700.00	101.00	352.00	69.30
9	P-02	8	9	1,380.00	2,220.00	404.00	1,630.00	295.00
10	P-02	9	10	2,400.00	2,070.00	455.00	1,890.00	367.00
11	P-02	10	11	1,190.00	1,850.00	236.00	911.00	176.00
12	P-02	11	12	716.00	1,760.00	189.00	719.00	131.00
13	P-02	12	13	798.00	1,770.00	194.00	733.00	139.00
14	P-02	13	14	571.00	1,620.00	149.00	581.00	111.00
15	P-02	14	15	763.00	1,690.00	178.00	691.00	134.00
16	P-02	15	16	492.00	1,280.00	121.00	458.00	88.30

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
17	P-02	16	17	671.00	1,440.00	160.00	585.00	106.00
18	P-02	17	18	405.00	1,380.00	96.00	357.00	68.20
1	P-03	0	1	-	-	-	-	-
2	P-03	1	2	429.00	1,140.00	84.10	305.00	52.50
3	P-03	2	3	449.00	1,130.00	89.90	323.00	55.00
4	P-03	3	4	541.00	1,140.00	109.00	395.00	67.40
5	P-03	4	5	551.00	804.00	105.00	376.00	63.60
6	P-03	5	6	489.00	798.00	101.00	375.00	66.80
7	P-03	6	7	333.00	665.00	69.70	257.00	45.70
8	P-03	7	8	438.00	737.00	86.60	322.00	57.00
9	P-03	8	9	364.00	689.00	74.00	274.00	48.60
10	P-03	9	10	370.00	652.00	71.00	256.00	43.70
1	P-04	0	1	427.00	763.00	88.30	332.00	58.30
2	P-04	1	2	485.00	833.00	106.00	400.00	68.60
3	P-04	2	3	566.00	935.00	130.00	489.00	84.90
4	P-04	3	4	586.00	1,040.00	173.00	830.00	182.00
5	P-04	4	5	410.00	732.00	101.00	478.00	111.00
6	P-04	5	6	867.00	1,200.00	165.00	543.00	87.30
7	P-04	6	7	464.00	775.00	86.20	293.00	46.40
8	P-04	7	8	730.00	1,210.00	171.00	663.00	109.00
9	P-04	8	9	747.00	1,310.00	196.00	813.00	144.00
10	P-04	9	10	631.00	1,130.00	159.00	676.00	126.00
11	P-04	10	11	237.00	544.00	55.10	221.00	42.10
12	P-04	11	12	679.00	914.00	119.00	425.00	71.00
13	P-04	12	13	246.00	714.00	57.50	226.00	42.30
14	P-04	13	14	220.00	435.00	46.40	165.00	28.60
15	P-04	14	15	169.00	372.00	41.20	150.00	27.40
16	P-04	15	16	261.00	591.00	55.60	203.00	36.40
17	P-04	16	17	196.00	683.00	45.80	169.00	30.90
18	P-04	17	18	280.00	655.00	59.30	216.00	38.20
19	P-04	18	19	275.00	627.00	58.60	219.00	39.40
20	P-04	19	20	1,040.00	966.00	186.00	505.00	90.80
21	P-04	20	21	761.00	908.00	154.00	603.00	104.00
1	P-05	0	1	-	-	-	-	-
2	P-05	1	2	217.00	1,500.00	39.60	142.00	24.40
3	P-05	2	3	191.00	1,320.00	35.80	132.00	22.60
4	P-05	3	4	192.00	1,990.00	45.90	178.00	29.90
5	P-05	4	5	709.00	704.00	139.00	541.00	91.40
6	P-05	5	6	1,720.00	1,120.00	306.00	1,200.00	211.00
7	P-05	6	7	1,090.00	1,310.00	187.00	717.00	141.00
8	P-05	7	8	302.00	818.00	54.00	195.00	35.50
9	P-05	8	9	172.00	421.00	36.60	136.00	24.30
10	P-05	9	10	176.00	479.00	37.20	138.00	26.10
11	P-05	10	11	63.70	306.00	13.30	49.50	9.80
12	P-05	11	12	370.00	832.00	61.40	211.00	35.20
13	P-05	12	13	309.00	948.00	62.20	227.00	38.30

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
14	P-05	13	14	198.00	922.00	43.10	169.00	29.90
15	P-05	14	15	299.00	1,040.00	63.80	245.00	44.10
16	P-05	15	16	423.00	1,180.00	89.40	341.00	61.20
17	P-05	16	17	982.00	1,350.00	124.00	463.00	81.30
18	P-05	17	18	557.00	1,290.00	109.00	423.00	74.20
19	P-05	18	19	518.00	1,200.00	98.90	374.00	66.00
20	P-05	19	20	374.00	1,050.00	77.60	300.00	53.90
1	P-06	0	1	912.00	524.00	132.00	486.00	80.70
2	P-06	1	2	953.00	837.00	141.00	514.00	85.60
3	P-06	2	3	323.00	824.00	60.70	226.00	40.90
4	P-06	3	4	453.00	875.00	82.90	310.00	53.70
5	P-06	4	5	406.00	958.00	77.10	284.00	50.40
6	P-06	5	6	352.00	913.00	70.10	259.00	46.70
7	P-06	6	7	382.00	1,020.00	69.30	258.00	46.60
8	P-06	7	8	483.00	828.00	75.50	271.00	46.50
9	P-06	8	9	169.00	283.00	29.50	111.00	23.00
10	P-06	9	10	185.00	367.00	37.80	148.00	24.60
11	P-06	10	11	322.00	740.00	53.80	201.00	33.50
12	P-06	11	12	258.00	975.00	54.50	204.00	35.80
13	P-06	12	13	263.00	798.00	55.10	212.00	37.30
14	P-06	13	14	284.00	619.00	54.30	212.00	37.50
15	P-06	14	15	234.00	448.00	45.00	171.00	30.60
1	P-07	0	1	426.00	484.00	84.10	303.00	52.70
2	P-07	1	2	363.00	890.00	69.50	258.00	46.40
3	P-07	2	3	293.00	791.00	55.20	203.00	36.10
4	P-07	3	4	273.00	797.00	51.60	187.00	33.30
5	P-07	4	5	316.00	810.00	62.40	228.00	41.10
6	P-07	5	6	378.00	988.00	70.50	260.00	46.40
7	P-07	6	7	344.00	830.00	52.20	185.00	30.50
8	P-07	7	8	249.00	463.00	47.40	171.00	29.60
9	P-07	8	9	292.00	878.00	54.00	200.00	35.50
10	P-07	9	10	296.00	766.00	55.60	209.00	36.80
11	P-07	10	11	301.00	729.00	55.80	204.00	36.60
1	P-08	0	1	371.00	1,370.00	78.60	295.00	50.70
2	P-08	1	2	356.00	1,450.00	75.90	284.00	50.70
3	P-08	2	3	471.00	1,510.00	99.60	376.00	65.80
4	P-08	3	4	1,000.00	1,670.00	214.00	803.00	148.00
5	P-08	4	5	436.00	1,360.00	98.40	372.00	68.90
6	P-08	5	6	380.00	1,170.00	89.30	334.00	59.00
7	P-08	6	7	783.00	1,580.00	134.00	537.00	97.20
8	P-08	7	8	855.00	1,810.00	135.00	516.00	93.80
9	P-08	8	9	810.00	1,420.00	113.00	410.00	72.70
10	P-08	9	10	987.00	1,540.00	141.00	546.00	95.50
11	P-08	10	11	356.00	1,150.00	82.50	308.00	55.10
12	P-08	11	12	187.00	408.00	39.80	149.00	26.20
13	P-08	12	13	254.00	602.00	55.20	205.00	36.80

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
14	P-08	13	14	139.00	378.00	30.30	113.00	19.90
15	P-08	14	15	147.00	387.00	33.10	121.00	21.60
16	P-08	15	16	340.00	1,110.00	72.50	274.00	48.70
17	P-08	16	17	373.00	1,040.00	75.40	276.00	46.70
18	P-08	17	18	298.00	1,030.00	64.70	248.00	41.60
19	P-08	18	19	284.00	965.00	59.90	226.00	39.10
20	P-08	19	20	269.00	910.00	56.80	211.00	37.00
1	P-09	0	1	212.00	792.00	46.50	174.00	34.30
2	P-09	1	2	325.00	864.00	70.70	263.00	48.80
3	P-09	2	3	497.00	1,030.00	99.30	374.00	65.30
4	P-09	3	4	1,090.00	1,230.00	234.00	821.00	143.00
5	P-09	4	5	860.00	866.00	173.00	628.00	111.00
6	P-09	5	6	757.00	858.00	147.00	526.00	92.00
7	P-09	6	7	481.00	907.00	98.90	362.00	63.60
8	P-09	7	8	278.00	707.00	63.00	231.00	40.60
9	P-09	8	9	274.00	645.00	61.90	227.00	39.90
10	P-09	9	10	255.00	641.00	57.10	209.00	37.30
11	P-09	10	11	277.00	640.00	62.00	225.00	40.40
12	P-09	11	12	379.00	698.00	73.10	259.00	44.20
13	P-09	12	13	310.00	665.00	63.10	222.00	39.40
14	P-09	13	14	318.00	802.00	68.90	247.00	43.30
15	P-09	14	15	314.00	651.00	63.80	233.00	42.40
16	P-09	15	16	482.00	585.00	87.10	312.00	54.50
17	P-09	16	17	369.00	735.00	71.30	262.00	46.30
18	P-09	17	18	440.00	738.00	81.20	299.00	53.30
19	P-09	18	19	426.00	616.00	67.40	252.00	46.20
20	P-09	19	20	337.00	678.00	70.00	261.00	47.70
1	P-10	0	1	514.00	722.00	98.80	358.00	63.10
2	P-10	1	2	576.00	662.00	87.00	315.00	54.90
3	P-10	2	3	658.00	648.00	114.00	421.00	72.10
4	P-10	3	4	264.00	431.00	51.70	191.00	34.50
5	P-10	4	5	-	-	-	-	-
1	P-11	0	1	396.00	1,150.00	60.10	200.00	37.40
2	P-11	1	2	244.00	890.00	50.70	181.00	32.80
3	P-11	2	3	150.00	702.00	36.10	130.00	23.90
4	P-11	3	4	864.00	981.00	177.00	479.00	82.10
5	P-11	4	5	891.00	877.00	182.00	651.00	113.00
6	P-11	5	6	935.00	621.00	158.00	585.00	108.00
7	P-11	6	7	847.00	735.00	132.00	377.00	75.00
8	P-11	7	8	1,390.00	1,700.00	290.00	996.00	186.00
9	P-11	8	9	-	-	-	-	-
10	P-11	9	10	-	-	-	-	-
11	P-11	10	11	379.00	586.00	56.20	189.00	33.00
12	P-11	11	12	1,210.00	2,000.00	251.00	838.00	150.00
13	P-11	12	13	566.00	1,010.00	112.00	396.00	70.60
14	P-11	13	14	1,360.00	2,000.00	256.00	903.00	162.00

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
15	P-11	14	15	275.00	517.00	56.40	207.00	36.70
1	P-12	0	1	507.00	1,000.00	101.00	364.00	65.20
2	P-12	1	2	570.00	1,070.00	111.00	401.00	71.60
3	P-12	2	3	819.00	1,040.00	169.00	627.00	114.00
4	P-12	3	4	856.00	1,200.00	161.00	602.00	112.00
5	P-12	4	5	991.00	1,390.00	187.00	685.00	124.00
6	P-12	5	6	536.00	977.00	105.00	386.00	70.80
7	P-12	6	7	542.00	1,000.00	99.40	382.00	69.90
8	P-12	7	8	525.00	961.00	103.00	383.00	69.30
9	P-12	8	9	490.00	864.00	89.90	337.00	59.80
10	P-12	9	10	183.00	377.00	40.00	151.00	26.20
11	P-12	10	11	262.00	565.00	60.90	226.00	39.10
12	P-12	11	12	212.00	398.00	46.00	175.00	30.90
13	P-12	12	13	218.00	422.00	47.40	179.00	31.50
14	P-12	13	14	164.00	315.00	36.20	137.00	24.10
15	P-12	14	15	157.00	308.00	34.80	135.00	23.90
16	P-12	15	16	179.00	348.00	39.80	150.00	26.30
1	P-14	0	1	211.00	703.00	32.00	97.50	14.40
2	P-14	1	2	247.00	878.00	37.20	113.00	16.70
3	P-14	2	3	451.00	1,350.00	58.60	172.00	24.20
4	P-14	3	4	252.00	1,050.00	37.70	110.00	15.30
5	P-14	4	5	202.00	1,060.00	37.20	120.00	17.50
6	P-14	5	6	508.00	632.00	96.60	327.00	45.90
7	P-14	6	7	476.00	1,000.00	95.90	339.00	48.90
8	P-14	7	8	301.00	482.00	80.70	315.00	45.00
9	P-14	8	9	553.00	1,630.00	134.00	520.00	78.50
10	P-14	9	10	1,140.00	1,020.00	297.00	1,100.00	204.00
11	P-14	10	11	1,720.00	1,560.00	426.00	1,460.00	277.00
12	P-14	11	12	1,170.00	1,870.00	278.00	998.00	207.00
13	P-14	12	13	505.00	1,370.00	95.00	335.00	67.00
14	P-14	13	14	303.00	947.00	70.50	250.00	49.80
15	P-14	14	15	403.00	1,090.00	102.00	390.00	73.50
16	P-14	15	16	543.00	700.00	96.90	338.00	57.50
17	P-14	16	17	757.00	761.00	125.00	419.00	65.50
18	P-14	17	18	274.00	557.00	62.40	234.00	41.20
19	P-14	18	19	171.00	437.00	42.50	163.00	29.50
20	P-14	19	20	570.00	705.00	108.00	390.00	61.70
21	P-14	20	21	865.00	1,370.00	157.00	571.00	101.00
1	P-15	0	1	207.00	957.00	47.10	169.00	29.40
2	P-15	1	2	290.00	1,030.00	67.10	243.00	42.40
3	P-15	2	3	221.00	950.00	50.80	185.00	32.20
4	P-15	3	4	250.00	982.00	59.50	217.00	36.80
5	P-15	4	5	475.00	1,180.00	112.00	410.00	70.00
6	P-15	5	6	502.00	970.00	120.00	380.00	70.00
7	P-15	6	7	647.00	980.00	148.00	543.00	95.70
8	P-15	7	8	1,540.00	1,670.00	310.00	1,070.00	198.00

No.	Lubang Bor	Dari (m)	Ke (m)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)
9	P-15	8	9	2,420.00	2,000.00	460.00	1,710.00	303.00
10	P-15	9	10	2,410.00	2,000.00	450.00	1,530.00	268.00
11	P-15	10	11	835.00	1,030.00	152.00	563.00	107.00
12	P-15	11	12	1,300.00	1,280.00	242.00	906.00	173.00
13	P-15	12	13	659.00	1,180.00	119.00	438.00	78.00
14	P-15	13	14	787.00	1,230.00	137.00	502.00	89.60
15	P-15	14	15	739.00	1,210.00	129.00	475.00	83.60
16	P-15	15	16	531.00	852.00	96.40	352.00	65.30
17	P-15	16	17	650.00	1,010.00	135.00	506.00	99.00
18	P-15	17	18	535.00	850.00	107.00	400.00	76.60
19	P-15	18	19	563.00	905.00	111.00	421.00	77.80
20	P-15	19	20	409.00	819.00	75.10	269.00	47.90
1	P-16	0	1	235.00	939.00	49.00	157.00	27.50
2	P-16	1	2	271.00	1,010.00	60.50	216.00	36.20
3	P-16	2	3	271.00	934.00	62.50	227.00	38.20
4	P-16	3	4	342.00	993.00	87.10	324.00	53.10
5	P-16	4	5	-	-	-	-	-
6	P-16	5	6	969.00	797.00	179.00	652.00	122.00
7	P-16	6	7	-	-	-	-	-
8	P-16	7	8	442.00	984.00	90.50	326.00	55.10
9	P-16	8	9	492.00	956.00	101.00	368.00	63.10
10	P-16	9	10	403.00	820.00	82.10	302.00	51.60
11	P-16	10	11	305.00	695.00	66.90	244.00	43.90
12	P-16	11	12	372.00	805.00	80.20	294.00	50.80
13	P-16	12	13	477.00	997.00	96.20	355.00	64.30
14	P-16	13	14	499.00	992.00	100.00	340.00	66.80

Data Rata-rata Kadar HREE dan LREE pada Titik Bor

B. Kadar HREE

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
1	K-01	0	1	5.00	20.1	2.11	9.3	1.2	2.7	0.3	1.5	0.22	23.9
2	K-01	1	2	-	-	-	-	-	-	-	-	-	-
3	K-01	2	3	4.00	15.6	1.62	7.4	1	2.4	0.2	1.4	0.19	19.8
4	K-01	3	4	6.40	25.6	2.72	12	1.5	3.5	0.3	2.1	0.29	28.9
5	K-01	4	5	6.30	25	2.62	11.6	1.4	3.3	0.3	1.9	0.26	26.6
6	K-01	5	6	6.60	25.7	2.76	12.2	1.5	3.7	0.4	2.4	0.32	29.1
7	K-01	6	7	2.20	8.4	0.96	4.5	0.6	1.5	0.2	1.1	0.14	12
8	K-01	7	8	6.20	23.1	2.42	11.2	1.5	3.6	0.4	2.4	0.35	29.2
9	K-01	8	9	13.00	44.8	4.74	21.7	3.1	8	0.9	6.1	0.93	65.6
10	K-01	9	10	28.20	135	15.7	88.1	13.6	42.9	5.1	31.6	5.23	442
11	K-01	10	11	28.50	128	15.5	88.5	15.4	43.9	5.1	32	5.37	465
12	K-01	11	12	12.00	54.3	6.6	34.3	5.6	15.1	1.7	10.1	1.62	170
13	K-01	12	13	9.80	42.9	5.01	25.7	4	10.9	1.2	7.1	1.16	117
14	K-01	13	14	13.00	62	7.8	44	7.5	21.2	2.3	14.2	2.35	248
15	K-01	14	15	7.90	36.3	4.55	25.5	4.4	12.2	1.4	8.8	1.29	145
16	K-01	15	16	9.40	44.7	5.31	30.1	4.9	13.8	1.6	9.5	1.52	160
17	K-01	16	17	12.70	56.7	6.57	35.3	5.6	15	1.7	9.8	1.56	175
18	K-01	17	18	9.20	43.1	5.1	28.4	4.8	13.2	1.5	9.1	1.51	157
1	K-02	0	1	-	-	-	-	-	-	-	-	-	-
2	K-02	1	2	5.20	21.6	2.24	10.4	1.4	2.9	0.3	1.4	0.2	30
3	K-02	2	3	5.30	22.8	2.4	10.7	1.3	3	0.3	1.5	0.19	29.7
4	K-02	3	4	5.60	23.2	2.5	11.3	1.5	3.3	0.3	1.6	0.19	33.5

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
5	K-02	4	5	7.50	29.4	3.14	14	1.8	3.9	0.4	2	0.27	38.3
6	K-02	5	6	5.80	23.5	2.47	11	1.4	3.3	0.3	1.8	0.24	29.7
7	K-02	6	7	6.10	23.7	2.55	10.9	1.3	2.9	0.3	1.4	0.19	27.7
8	K-02	7	8	5.30	21.1	2.21	9.4	1.2	2.7	0.3	1.6	0.23	22.7
9	K-02	8	9	5.90	23.3	2.42	10.5	1.3	2.9	0.3	1.5	0.22	26.6
10	K-02	9	10	4.60	18	1.99	9	1.2	2.9	0.3	1.8	0.26	24.4
11	K-02	10	11	6.90	32.2	3.26	14.2	1.8	3.8	0.4	1.8	0.26	37.9
12	K-02	11	12	2.50	9.9	1.01	4.6	0.6	1.5	0.2	1	0.14	12.1
13	K-02	12	13	4.90	21.1	2.33	11.3	1.6	4.1	0.4	2.4	0.36	45.2
14	K-02	13	14	12.30	50.6	5.88	24.8	3	6.3	0.7	4.3	0.54	57.4
1	K-03	0	1	-	-	-	-	-	-	-	-	-	-
2	K-03	1	2	6.00	25.4	2.66	11.2	1.5	2.8	0.3	1.7	0.21	27.2
3	K-03	2	3	6.40	25.8	2.61	11.4	1.4	2.8	0.3	1.8	0.2	27
4	K-03	3	4	6.00	25.6	2.66	11.1	1.4	2.8	0.3	1.8	0.22	26.7
5	K-03	4	5	4.90	20.1	2.09	8.6	1.1	2.3	0.3	1.5	0.19	21.3
6	K-03	5	6	5.90	22.4	2.31	9.6	1.2	2.6	0.3	2	0.25	23.1
7	K-03	6	7	4.10	16.2	1.7	6.9	0.9	1.9	0.2	1.4	0.19	16.8
8	K-03	7	8	1.80	7.8	0.78	3.6	0.5	1.2	0.2	1.2	0.16	8.8
9	K-03	8	9	9.30	37.1	3.85	15.9	2	3.9	0.4	2.4	0.3	35.9
10	K-03	9	10	4.90	19.2	2.04	8.6	1.2	2.4	0.3	1.7	0.23	21.6
11	K-03	10	11	4.80	17.6	1.85	7.7	0.9	1.9	0.3	1.7	0.21	13.8
12	K-03	11	12	2.20	10.8	1.05	4.3	0.6	1.4	0.2	1.4	0.18	11.4
13	K-03	12	13	3.80	21.2	1.85	7	0.9	2.1	0.3	1.8	0.24	17
14	K-03	13	14	3.60	14.6	1.51	6.5	0.9	1.9	0.2	1.6	0.22	15.5
15	K-03	14	15	5.90	23.7	2.38	10	1.3	2.7	0.3	1.9	0.27	23.1
16	K-03	15	16	5.70	22	2.36	9.8	1.3	2.7	0.3	2.1	0.27	22.4
17	K-03	16	17	7.20	28.2	2.93	12.3	1.6	3.2	0.4	2.4	0.3	28.3
18	K-03	17	18	6.80	26.7	2.71	11.3	1.5	3	0.3	2.4	0.3	24.2

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
19	K-03	18	19	6.90	24.7	2.5	10.6	1.6	3.6	0.5	3.4	0.44	28
20	K-03	19	20	20.20	75.4	8.26	40.5	6.5	15.9	2.2	14.9	1.98	158
21	K-03	20	21	25.50	97.5	11.8	62.2	10.4	26.8	3.7	25.4	3.5	274
22	K-03	21	22	30.00	131	17.9	91.8	17.1	43.8	5.9	38.8	5.54	495
23	K-03	22	23	33.50	145	19.2	102	17.1	42.8	5.7	37	5.17	509
24	K-03	23	24	24.10	104	14.1	76	12.9	32.2	4.3	28.1	3.95	376
1	K-04	0	1	-	-	-	-	-	-	-	-	-	-
2	K-04	1	2	5.50	23.5	2.42	9.8	1.2	2.4	0.3	1.7	0.22	23.6
3	K-04	2	3	5.40	22.9	2.31	9.6	1.2	2.3	0.2	1.4	0.18	22.1
4	K-04	3	4	5.80	23.7	2.5	10	1.2	2.5	0.3	1.8	0.23	22.3
5	K-04	4	5	5.00	21	2.07	8.3	1.1	2.1	0.2	1.5	0.2	18.5
6	K-04	5	6	5.20	20.4	2.04	8.2	1	2	0.2	1.4	0.18	16.9
7	K-04	6	7	4.70	19.6	2.1	9	1.2	2.4	0.3	1.8	0.24	21.4
8	K-04	7	8	4.50	18.6	1.82	7.6	1	2	0.3	1.6	0.22	17.3
9	K-04	8	9	7.00	25.6	2.8	12	1.5	3.2	0.4	2.4	0.31	27.7
10	K-04	9	10	11.70	44.4	4.77	20.5	2.6	5.8	0.7	4.4	0.55	48.2
11	K-04	10	11	6.30	22.3	2.35	10.5	1.5	3.4	0.5	3.1	0.41	26.2
12	K-04	11	12	8.80	30.3	3.23	14.5	2	4.7	0.6	4.6	0.61	37.6
13	K-04	12	13	23.60	94.9	11	57.3	10.2	25.4	3.4	22.9	3	280
14	K-04	13	14	30.50	125	16.2	87	15.2	38.5	5.2	35.1	4.97	430
1	K-05	0	1	-	-	-	-	-	-	-	-	-	-
2	K-05	1	2	5.10	21.8	2.24	9.1	1.2	2.4	0.2	1.5	0.19	21.8
3	K-05	2	3	5.30	22.9	2.33	9.6	1.2	2.4	0.3	1.6	0.24	23.4
4	K-05	3	4	4.10	17	1.69	7	0.9	1.8	0.2	1.3	0.18	16
5	K-05	4	5	6.60	27.1	2.75	11.1	1.4	2.6	0.3	1.8	0.22	22.7
6	K-05	5	6	3.20	13.2	1.32	5.9	0.8	1.8	0.2	1.5	0.22	13.7
7	K-05	6	7	2.80	12	1.18	5	0.7	1.4	0.2	1.2	0.17	11.3
8	K-05	7	8	3.00	11.7	1.25	5.5	0.7	1.5	0.2	1.2	0.17	13.7

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
9	K-05	8	9	5.70	22.4	2.29	2.29	9.5	1.2	2.4	0.3	2	0.28
10	K-05	9	10	4.10	15.4	1.64	1.64	7	1	2.2	0.3	2.1	0.28
11	K-05	10	11	10.10	38.3	3.93	3.93	16.8	2.2	4.4	0.5	3.4	0.42
12	K-05	11	12	10.80	38.3	4.12	4.12	18.2	2.5	5.4	0.7	4.2	0.59
13	K-05	12	13	9.00	35	3.84	3.84	17.5	2.6	5.9	0.8	5	0.7
14	K-05	13	14	11.00	44	5.16	5.16	25.1	3.9	9.4	1.3	8.1	1.19
15	K-05	14	15	25.50	107	13.1	13.1	71.6	12.4	34.9	4.2	27.3	3.84
16	K-05	15	16	27.10	130	19.2	19.2	110	19.1	47.6	6.1	39.5	5.49
17	K-05	16	17	18.90	88.6	12.9	12.9	72.2	12.5	30.8	4	25.5	3.59
18	K-05	17	18	9.80	42.8	5.59	5.59	29.6	4.9	12	1.6	10.1	1.42
19	K-05	18	19	11.30	47.7	5.74	5.74	29.2	4.6	11	1.4	9.2	1.26
20	K-05	19	20	10.70	45.9	5.64	5.64	28	4.5	10.9	1.4	9.1	1.27
1	K-06	0	1	4.50	17.3	1.87	1.87	7.8	1	2.2	0.2	1.5	0.16
2	K-06	1	2	4.40	17.9	1.88	1.88	7.8	1	2.2	0.2	1.5	0.18
3	K-06	2	3	4.80	19.9	1.96	1.96	8.5	1.1	2.6	0.3	1.8	0.25
4	K-06	3	4	3.70	15.4	1.49	1.49	6.3	0.8	1.8	0.2	1.3	0.18
5	K-06	4	5	4.20	18	1.72	1.72	7.1	0.9	2	0.2	1.4	0.17
6	K-06	5	6	7.80	29.2	3.02	3.02	11.9	1.4	2.9	0.3	1.8	0.24
7	K-06	6	7	3.30	13.5	1.35	1.35	5.7	0.7	1.7	0.2	1.3	0.17
8	K-06	7	8	3.80	14.7	1.61	1.61	6.9	1	2.3	0.3	2.1	0.26
9	K-06	8	9	3.80	14.9	1.46	1.46	6.8	0.9	2.3	0.3	2.2	0.28
10	K-06	9	10	8.10	26.5	2.83	2.83	12.2	1.6	4	0.5	3.7	0.45
11	K-06	10	11	8.40	27.3	2.65	2.65	12	1.6	4.2	0.5	4	0.51
12	K-06	11	12	16.80	57	6.16	6.16	29.6	4.6	12.2	1.5	11	1.49
13	K-06	12	13	9.90	37.2	4.33	4.33	21.5	3.2	8.5	1	7.3	0.98
14	K-06	13	14	36.10	173	25	25	144	24.6	67.7	8	55.2	7.52
15	K-06	14	15	32.60	162	23.9	23.9	137	23.8	65.9	7.6	51.5	6.94
16	K-06	15	16	12.90	57.9	7.76	7.76	42.5	7	19.5	2.3	16.1	2.17

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
17	K-06	16	17	11.30	44.5	5.41	28.3	4.2	11.4	1.3	8.8	1.15	125
18	K-06	17	18	6.30	27.6	3.23	17	2.6	7.2	0.9	5.9	0.83	82.5
19	K-06	18	19	13.00	48.1	5.55	26.8	3.9	9.7	1	7.1	0.97	104
20	K-06	19	20	9.40	37.5	4.44	21.6	3.4	8.9	1	7.1	0.91	92.8
21	K-06	20	21	8.70	35.3	4.2	20.8	3.1	8.2	0.9	6.4	0.86	89.1
1	K-07	0	1	5.40	21.4	2.3	10.5	1.4	3.4	0.4	2.3	0.27	32.4
2	K-07	1	2	5.50	21.2	2.34	10.3	1.5	3.4	0.4	2.3	0.29	32.4
3	K-07	2	3	6.90	26.3	2.86	13.2	1.7	3.8	0.4	2.6	0.3	36
4	K-07	3	4	6.70	27.7	2.9	13.9	2	4.9	0.5	3.9	0.47	41.8
5	K-07	4	5	7.00	26.9	2.76	13.6	2	5.2	0.6	4.2	0.54	46.7
6	K-07	5	6	16.60	64.1	7.47	39.5	6.4	17.4	2.1	15.1	2.11	181
7	K-07	6	7	17.00	77.9	10.7	61.6	10.4	25.8	3.4	24	3.25	363
8	K-07	7	8	12.20	52	6.73	36.2	5.9	15.8	1.8	13.1	1.73	200
9	K-07	8	9	6.10	28.1	3.26	16.1	2.7	7.4	0.9	6.3	0.85	83.9
10	K-07	9	10	5.30	23.4	2.63	14.2	2.3	6.4	0.8	5.6	0.75	73.3
11	K-07	10	11	6.40	26.8	2.96	14.7	2.3	5.9	0.7	4.7	0.64	66.2
12	K-07	11	12	8.90	34.5	4.12	20.3	3.1	7.8	0.9	6	0.82	84.8
13	K-07	12	13	6.20	27.8	3.08	15.9	2.5	6.8	0.8	5.5	0.75	74.1
14	K-07	13	14	4.70	18.2	2.01	10.1	1.5	3.8	0.5	3.2	0.42	41.8
15	K-07	14	15	5.80	24.4	2.84	15.3	2.5	6.7	0.8	5.7	0.82	78.8
16	K-07	15	16	2.40	10.2	1.2	6.7	1.2	3.4	0.4	3.1	0.46	39.3
17	K-07	16	17	6.60	28.2	3.24	17.1	2.7	7	0.8	5.7	0.75	76.7
1	K-60	0	1	8.20	34.2	3.65	17.1	2.5	6	0.8	4.3	0.64	60.9
2	K-60	1	2	8.60	34.8	3.92	18.4	2.7	6.7	0.8	4.9	0.72	66.1
3	K-60	2	3	9.50	38.3	4.27	21.1	3.2	7.8	1	5.8	0.86	78.8
4	K-60	3	4	11.70	50.7	6.27	33.7	5.6	15.2	2	12.1	1.81	170
5	K-60	4	5	9.30	50	6.68	35.8	6.6	18.6	2.5	15.4	2.44	230
6	K-60	5	6	6.60	32.5	4.34	24.6	4.4	12.8	1.7	10.4	1.6	151

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
7	K-60	6	7	6.50	25.6	2.96	15.4	2.5	7	0.9	5.5	0.83	83.8
1	K-61	0	1	8.20	29.9	3.09	13.1	1.7	4.6	0.4	2.1	0.27	34.1
2	K-61	1	2	8.60	30	3.07	13.4	1.7	3.8	0.4	2.2	0.3	35.8
3	K-61	2	3	9.50	29.8	3.15	13.3	1.7	3.6	0.4	2.1	0.28	34.7
4	K-61	3	4	11.70	31.7	3.28	14.5	1.9	4.2	0.4	2.5	0.35	38.3
5	K-61	4	5	9.30	40	4.32	19.3	2.5	5.6	0.6	3.3	0.47	51.5
6	K-61	5	6	6.60	38.3	4.3	21	2.9	6.9	0.8	4.2	0.51	67.1
7	K-61	6	7	6.50	40.3	4.32	19.5	2.6	5.9	0.7	3.8	0.51	50.2
8	K-61	7	8	12.80	47.4	5.46	26.1	3.7	9	1.1	6.5	0.9	77.6
1	K-62	0	1	7.60	30.5	3.2	13.3	1.7	3.5	0.4	1.8	0.23	30.4
2	K-62	1	2	7.60	30	3.11	13.3	1.6	3.4	0.3	1.8	0.24	28.2
3	K-62	2	3	7.80	30.4	3.26	13.9	1.7	3.5	0.3	1.8	0.26	29.4
4	K-62	3	4	8.70	33.2	3.47	14.3	1.7	3.6	0.4	2.2	0.3	32.2
5	K-62	4	5	5.50	23.3	2.28	9.1	1.1	2.5	0.3	1.7	0.25	20.3
6	K-62	5	6	7.80	28.5	2.87	11.9	1.4	2.9	0.3	1.8	0.23	22.7
7	K-62	6	7	3.20	12.8	1.2	4.9	0.6	1.4	0.2	1.1	0.15	10.1
8	K-62	7	8	3.40	13.9	1.33	5.5	0.7	1.4	0.2	1	0.13	10.7
9	K-62	8	9	2.90	11.8	1.19	4.8	0.6	1.4	0.2	1	0.13	9.9
10	K-62	9	10	1.50	7	0.67	2.9	0.5	1.1	0.1	1	0.14	8
11	K-62	10	11	1.80	8.8	0.89	3.7	0.5	1.5	0.2	1.3	0.19	9.7
1	K-63	0	1	5.40	21.8	2.26	9.8	1.2	2.8	0.3	1.7	0.23	24.1
2	K-63	1	2	5.90	23.3	2.45	10.5	1.4	3.1	0.3	1.8	0.25	27.4
3	K-63	2	3	5.80	23.1	2.51	12	1.7	4.4	0.5	3.2	0.46	46.4
1	K-64	0	1	5.40	23	2.28	9.6	1.2	2.6	0.3	1.5	0.21	24.3
2	K-64	1	2	5.70	25.3	2.44	10.2	1.3	2.8	0.3	1.6	0.21	25.7
3	K-64	2	3	5.40	23.1	2.29	9.5	1.2	2.6	0.3	1.4	0.21	24.1
4	K-64	3	4	5.10	22.6	2.19	9.2	1.2	2.7	0.3	1.6	0.21	24.2
5	K-64	4	5	4.50	20.7	2	8.1	1.1	2.5	0.3	1.6	0.21	21.2

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
6	K-64	5	6	3.50	14.4	1.43	5.7	0.7	1.8	0.2	1.4	0.2	14.2
7	K-64	6	7	9.80	34.4	3.56	14.4	1.7	3.5	0.4	2.1	0.29	25.9
8	K-64	7	8	4.00	15.8	1.59	6.6	0.9	2.2	0.3	2	0.28	14.2
9	K-64	8	9	5.00	18.8	1.91	8.3	1	2.7	0.3	2.2	0.35	17.9
10	K-64	9	10	7.40	27.9	2.79	11.1	1.4	3.2	0.4	2.3	0.34	24.1
11	K-64	10	11	6.90	25.9	2.59	10.7	1.4	3.3	0.4	2.7	0.38	24.6
12	K-64	11	12	16.90	62.2	6.66	31.4	4.5	11.3	1.5	9.2	1.42	99.9
13	K-64	12	13	8.10	28.5	3.13	14.8	2.2	5.5	0.7	4.2	0.64	57.2
1	K-65	0	1	8.00	35	3.69	14.8	2	3.9	0.4	2.1	0.27	36.8
2	K-65	1	2	9.10	36.6	3.88	16.8	2.1	4.4	0.5	2.3	0.31	39.3
3	K-65	2	3	9.20	37.5	3.98	16.9	2.1	4.4	0.5	2.3	0.3	38.4
4	K-65	3	4	3.50	17.1	1.5	6.9	1	2.3	0.3	1.7	0.28	17.4
5	K-65	4	5	2.50	13	0.99	4.7	0.7	1.6	0.2	1.2	0.22	12.5
6	K-65	5	6	1.60	8	0.64	3	0.4	1.1	0.1	0.9	0.16	7.2
7	K-65	6	7	3.80	21.2	1.62	6.1	0.8	1.9	0.2	1.2	0.2	14.4
8	K-65	7	8	3.20	15.2	1.27	5.7	0.8	1.8	0.2	1.5	0.26	13.5
9	K-65	8	9	10.90	48.5	4.18	18.8	2.4	5.4	0.5	3	0.42	46.5
10	K-65	9	10	7.60	35	2.82	11.3	1.5	3.2	0.4	2.1	0.32	23
11	K-65	10	11	11.10	47.5	4.29	19.6	2.6	5.5	0.6	3.3	0.47	46.3
12	K-65	11	12	11.30	47.1	4.19	18.9	2.5	5.4	0.6	3	0.43	43.8
13	K-65	12	13	23.80	97.6	8.83	38.8	5.1	11.6	1.1	6.8	0.99	91.9
14	K-65	13	14	13.00	54.1	5	23.6	3.3	7.9	1	5.6	0.85	65.2
15	K-65	14	15	13.20	58	5.66	29.3	4.7	12.3	1.6	9.3	1.58	115
16	K-65	15	16	27.20	120	11.9	59.7	9.2	22.9	2.8	15.7	2.53	224
17	K-65	16	17	10.70	57.4	6.29	38.8	7.4	21.9	2.9	17.4	2.94	235
18	K-65	17	18	28.20	166	18.7	115	22.3	64.6	8.3	50.3	8.74	756
1	K-66	0	1	6.80	30.9	2.87	13.7	1.9	4.6	0.5	3.1	0.46	40.3
2	K-66	1	2	6.50	30	2.76	13.2	2	4.8	0.5	3.2	0.5	43

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
3	K-66	2	3	6.80	32.5	2.98	14.4	2.1	5	0.6	3.7	0.56	44.5
4	K-66	3	4	7.40	32.6	3.12	15.8	2.3	5.8	0.8	4.6	0.7	47
5	K-66	4	5	4.10	19.5	1.91	10.1	1.6	4.4	0.6	4.3	0.65	32.2
6	K-66	5	6	4.50	20.9	2.14	11.8	2	5.5	0.8	5.2	0.84	39.2
7	K-66	6	7	5.50	24.5	2.39	12.4	1.9	5.5	0.7	5	0.79	38.4
8	K-66	7	8	12.70	62.6	6.44	38	7.2	22.1	3.1	20.2	3.37	194
9	K-66	8	9	23.90	150	17.5	120	26.3	84.1	11.6	71.1	12.7	956
1	K-67	0	1	7.90	33.7	3.13	14.3	2	4.4	0.5	2.7	0.43	38.8
2	K-67	1	2	8.00	34.4	3.24	14.9	2	4.7	0.5	2.9	0.45	39.2
3	K-67	2	3	8.60	37.4	3.42	15.8	2.2	5.2	0.6	3.7	0.54	41.8
4	K-67	3	4	8.60	39	3.77	18	2.7	6.7	0.9	5.5	0.87	48.5
5	K-67	4	5	8.80	42.3	4.08	20.5	3.2	8.5	1.1	6.7	1.1	63.4
6	K-67	5	6	12.60	75.7	8.32	50.5	9.7	27.2	3.5	20.8	3.65	298
7	K-67	6	7	17.30	91.3	9.7	56.7	10.7	29.9	3.7	21.5	3.69	388
8	K-67	7	8	10.00	56.3	6.52	41.5	8.5	24.6	3.2	19	3.21	313
9	K-67	8	9	11.10	55.8	5.6	30.3	4.9	12.2	1.4	8	1.31	139
10	K-67	9	10	15.60	72.6	7.15	37.7	6.1	15.5	1.8	10.3	1.73	171
11	K-67	10	11	10.50	51.4	5.17	29.1	4.9	13.1	1.6	9.4	1.6	148
12	K-67	11	12	14.20	69.6	6.78	35.8	5.9	14.8	1.8	9.8	1.68	173
13	K-67	12	13	10.40	50.9	5.31	29.3	5.1	13.8	1.7	9.6	1.6	153
1	K-68	0	1	6.90	29.6	2.73	12.3	1.7	3.6	0.4	2.1	0.3	29.4
2	K-68	1	2	10.50	45.6	4.1	18.6	2.5	5.1	0.5	2.7	0.41	45.5
3	K-68	2	3	9.40	37.8	3.48	15.4	2	4.2	0.4	2.3	0.33	32.7
4	K-68	3	4	2.60	11.9	1.11	5.1	0.7	1.6	0.2	1.1	0.17	12
5	K-68	4	5	1.30	5.7	0.56	2.7	0.4	1.2	0.2	1	0.13	7.8
6	K-68	5	6	1.40	6.3	0.58	3.1	0.5	1.2	0.2	1.1	0.16	7.6
7	K-68	6	7	2.70	12.7	1.27	7.2	1.2	3.2	0.4	2.8	0.45	24.5
8	K-68	7	8	3.40	16.2	1.56	8.9	1.5	4.2	0.6	3.6	0.56	32.6

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
9	K-68	8	9	5.60	30	3.15	19	3.4	10.1	1.3	8.3	1.42	85.2
10	K-68	9	10	7.50	43.7	4.85	30.9	6.1	17.8	2.4	14.9	2.58	185
11	K-68	10	11	9.80	59.1	6.75	43.7	8.8	26	3.5	21.3	3.72	266
12	K-68	11	12	5.60	28.9	3.12	18.1	3.3	9.5	1.2	7.6	1.25	95.3
13	K-68	12	13	8.00	43	4.62	28.4	5.3	15.3	2	11.9	2.07	156
1	K-69	0	1	1.40	8.3	0.7	3.6	0.6	1.6	0.2	1.3	0.23	15.1
2	K-69	1	2	2.30	10.9	0.99	5.4	1	2.7	0.3	2.2	0.38	25.3
3	K-69	2	3	5.30	23.1	2.18	11.9	2.1	5.9	0.8	4.7	0.82	56.6
4	K-69	3	4	4.40	21.1	2.33	13.8	2.5	6.8	0.9	4.9	0.81	73.2
5	K-69	4	5	4.00	18.5	2.01	11.6	2	5.6	0.7	4.2	0.71	62.3
6	K-69	5	6	3.50	15.9	1.65	9.5	1.7	4.7	0.6	3.5	0.56	47.7
7	K-69	6	7	3.30	14	1.46	8.2	1.5	4.1	0.6	3.1	0.51	43
8	K-69	7	8	2.70	11.9	1.24	7.2	1.3	3.6	0.5	2.8	0.46	36.6
9	K-69	8	9	2.90	12.3	1.23	6.8	1.2	3.1	0.4	2.6	0.39	32.6
10	K-69	9	10	3.90	18.2	1.95	11.5	2	5.5	0.7	4.2	0.73	60.4
1	P-01	0	1	-	-	-	-	-	-	-	-	-	-
2	P-01	1	2	3.40	21.3	1.79	5.5	0.7	1.4	0.2	1	0.14	12.8
3	P-01	2	3	3.80	21.4	1.83	5.8	0.7	1.5	0.2	1.1	0.1	13.2
4	P-01	3	4	3.30	18.5	1.61	5.5	0.6	1.4	0.2	1.1	0.14	11.6
5	P-01	4	5	2.50	14.7	1.27	4.3	0.6	1.1	0.2	1	0.13	10.2
6	P-01	5	6	3.10	15.5	1.4	5.1	0.6	1.4	0.2	1.1	0.15	11.3
7	P-01	6	7	2.30	13.6	1.2	3.8	0.5	1.1	0.2	1.3	0.19	8.9
8	P-01	7	8	2.80	15.2	1.4	4.7	0.7	1.4	0.2	1.6	0.2	9.4
9	P-01	8	9	2.60	16.3	1.45	5.3	0.7	2	0.3	2.1	0.38	17.6
10	P-01	9	10	4.50	20.7	1.92	6.5	0.9	1.9	0.3	2.1	0.27	12.5
11	P-01	10	11	4.40	18	1.73	6.1	0.8	2	0.3	1.9	0.28	11.6
12	P-01	11	12	5.80	21.2	2.25	9.2	1.2	3.5	0.5	3.8	0.53	21.8
13	P-01	12	13	14.70	54.3	6.01	25	3.7	8.9	1.3	8.1	1.1	71

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
14	P-01	13	14	16.90	64.5	7.57	31.6	5.1	12.4	1.8	11.2	1.71	107
15	P-01	14	15	21.50	86.6	11	48.5	7.9	20.5	2.9	18.3	2.68	194
16	P-01	15	16	30.90	123	15.7	71.4	11.6	29.3	4.2	26.3	3.74	285
17	P-01	16	17	33.30	146	20	90.5	15.5	38.9	5.3	31.5	4.6	443
18	P-01	17	18	30.70	142	19.7	91.4	15.9	39.4	5.4	32.3	4.79	488
19	P-01	18	19	32.40	153	21.9	105	17.9	45	6.1	35.5	5.25	589
20	P-01	19	20	22.00	102	14.2	66.5	11.5	29.3	3.9	23.2	3.39	379
21	P-01	20	21	12.80	58.8	7.22	31.5	5.3	12.9	1.7	10.5	1.46	155
1	P-02	0	1	-	-	-	-	-	-	-	-	-	-
2	P-02	1	2	4.10	29.4	2.33	7.8	1.1	2.3	0.4	2.3	0.3	20.5
3	P-02	2	3	4.30	27.3	2.47	9.1	1.3	3.1	0.5	3.1	0.38	21.8
4	P-02	3	4	3.90	29.3	2.39	7.8	1.1	2.7	0.4	2.6	0.38	21.5
5	P-02	4	5	4.60	25.5	2.62	10.4	1.5	3.7	0.6	4.5	0.58	23.7
6	P-02	5	6	7.90	37.1	4	14.5	2	4.6	0.7	5	0.63	31.8
7	P-02	6	7	9.80	43.5	4.53	18.5	2.6	6.7	1.1	8.7	1.08	40
8	P-02	7	8	10.70	41.1	4.65	19.5	2.8	7.3	1.3	10.4	1.25	40.1
9	P-02	8	9	47.70	148	19.8	85.1	13	33.7	5.4	38.4	4.91	212
10	P-02	9	10	84.00	474	68.6	341	64.6	157	18.6	90.3	13.8	2000
11	P-02	10	11	37.10	187	25.3	122	21.6	53.7	6.6	35.4	5.23	798
12	P-02	11	12	22.20	91	11.8	54.2	8.9	22.4	3.1	19.8	2.7	265
13	P-02	12	13	28.50	126	17.1	75.8	13.3	32	4.1	23.2	3.38	449
14	P-02	13	14	22.60	97.3	12.6	58.9	10.3	25.8	3.4	21	3.05	327
15	P-02	14	15	25.30	114	15.6	73	12.2	30	4	23.9	3.16	378
16	P-02	15	16	17.80	78.8	10.6	51	8.9	22.5	3.1	18	2.49	274
17	P-02	16	17	20.00	87	11.5	50.7	8	19.1	2.6	14.7	2.02	237
18	P-02	17	18	14.40	65.5	8.69	42	7.3	18.4	2.7	16	2.22	220
1	P-03	0	1	-	-	-	-	-	-	-	-	-	-
2	P-03	1	2	12.70	48.4	5.27	23.8	3.6	8.9	1.2	6.4	0.96	92

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
3	P-03	2	3	10.50	49	5.38	25.2	4	9.7	1.3	7.1	1.08	105
4	P-03	3	4	12.70	57.8	6.73	31.7	5	12.6	1.7	9.1	1.41	140
5	P-03	4	5	11.90	49.8	5.97	28.2	4.4	10.6	1.4	7.5	1.12	120
6	P-03	5	6	13.20	53.6	6.57	31.9	5.1	12.4	1.6	8.6	1.33	147
7	P-03	6	7	9.50	38.6	4.64	22.4	3.7	9.3	1.2	6.6	1.02	111
8	P-03	7	8	11.80	45.7	5.62	27.4	4.4	11.2	1.4	7.7	1.22	129
9	P-03	8	9	10.20	38.6	4.71	22.8	3.6	8.8	1.1	6.3	0.95	99.1
10	P-03	9	10	8.90	35	4.14	19.3	2.9	7.1	0.9	5.2	0.77	75.7
1	P-04	0	1	10.90	42.9	5.04	22	3.1	7.1	0.9	4.9	0.72	67.3
2	P-04	1	2	12.50	49.4	5.8	26.1	3.7	8.9	1.1	6.2	0.93	85.8
3	P-04	2	3	15.20	58.3	7.09	31.8	4.7	11.2	1.5	8.2	1.22	113
4	P-04	3	4	37.50	144	19.7	94.3	14	32.6	4.1	21.1	3.16	331
5	P-04	4	5	24.30	103	14.7	78	13	32.6	4.4	23.6	3.7	364
6	P-04	5	6	16.60	76.7	10.5	58	10.9	30	4.1	22.6	3.63	379
7	P-04	6	7	8.80	42.3	5.73	32.5	6.5	18.6	2.6	14.4	2.36	263
8	P-04	7	8	19.60	75.5	9.08	43.7	7.2	19	2.5	13.3	2.11	248
9	P-04	8	9	26.10	92.2	11.4	50	7.1	16.8	2.2	11.3	1.76	189
10	P-04	9	10	24.60	91.1	11.8	55.5	8.4	20.6	2.7	15.1	2.34	225
11	P-04	10	11	6.50	39.9	5.38	27.8	4.8	13.5	1.8	10.4	1.63	158
12	P-04	11	12	13.60	58.1	7.27	35.6	5.8	14.7	2	10.8	1.7	177
13	P-04	12	13	8.50	39.2	4.86	25	4.3	11.2	1.5	8.8	1.39	123
14	P-04	13	14	5.60	22.9	2.69	12.8	2	5.1	0.7	3.6	0.56	56.4
15	P-04	14	15	5.30	20.6	2.54	12.3	1.8	4.6	0.6	3.3	0.49	46.7
16	P-04	15	16	8.10	31.3	3.71	17.8	2.8	7.2	0.9	5.2	0.83	77.2
17	P-04	16	17	6.40	27.7	3.14	14.9	2.4	6.2	0.9	5	0.79	60.2
18	P-04	17	18	7.70	32.7	3.78	18.1	3	7.6	1	5.9	0.88	84
19	P-04	18	19	10.50	34.4	4.09	19.9	3.4	8.7	1.2	6.8	1.05	101
20	P-04	19	20	23.50	86.1	8.91	38.9	5.6	13.4	1.6	7.7	1.28	131

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
21	P-04	20	21	22.00	77.2	9.86	45.9	6.5	14.5	1.7	9.2	1.37	150
1	P-05	0	1	-	-	-	-	-	-	-	-	-	-
2	P-05	1	2	3.80	20.4	2.18	8.7	1.4	3.3	0.4	3	0.38	31
3	P-05	2	3	3.70	18.8	1.97	8.1	1.3	3.2	0.4	2.9	0.37	29.6
4	P-05	3	4	4.50	24.2	1.93	9.3	1.6	2.9	0.4	3.2	0.49	30.5
5	P-05	4	5	14.40	53.9	6.6	32	5.3	12.9	1.6	11.1	1.37	134
6	P-05	5	6	41.60	148	19.9	97.6	17.1	40.4	5.2	30.5	3.99	495
7	P-05	6	7	30.80	133	19.5	102	17.9	41.9	4.5	28.8	3.88	598
8	P-05	7	8	6.50	29	3.9	19.1	3.3	7.7	0.9	6.1	0.75	95.2
9	P-05	8	9	4.20	18.3	2.21	10.5	1.7	4.1	0.5	3.2	0.42	44.6
10	P-05	9	10	4.80	20	2.36	11.7	2	4.6	0.5	4	0.52	50.2
11	P-05	10	11	1.80	9.1	1.09	5.3	1	2.6	0.3	2.3	0.3	21.6
12	P-05	11	12	5.80	23.3	2.88	13.4	1.8	4.4	0.5	3.1	0.37	51.4
13	P-05	12	13	6.50	26.8	3.21	14.1	2.2	4.7	0.5	3.6	0.45	53.5
14	P-05	13	14	5.70	23.6	2.98	14.1	2.4	5.9	0.7	5.1	0.64	62.5
15	P-05	14	15	7.70	31.3	4.1	19	3.2	7.8	0.9	6.4	0.78	83.9
16	P-05	15	16	10.80	42	5.34	24.9	4.1	9.4	1.1	7.4	0.93	104
17	P-05	16	17	14.80	56.7	7.48	34	5.5	12.3	1.4	9.8	1.3	139
18	P-05	17	18	13.60	53.5	7.07	33.5	5.4	12.3	1.5	9.9	1.27	134
19	P-05	18	19	12.00	48.7	6.5	31.2	5.3	12.2	1.4	9.9	1.26	131
20	P-05	19	20	9.80	40.1	5.08	24.9	4	9.5	1.1	7.7	0.99	102
1	P-06	0	1	15.10	59.3	8.3	42	7.4	18.2	2.1	13.9	1.81	230
2	P-06	1	2	15.40	61.5	8.38	41.2	7.2	17.4	2	13.3	1.66	216
3	P-06	2	3	7.80	31.5	4.45	22	4	10	1.2	8.2	1.04	112
4	P-06	3	4	10.20	40.4	5.44	27.8	4.8	11.9	1.4	9.5	1.13	139
5	P-06	4	5	9.20	38	5.14	25	4.5	11.2	1.3	8.3	1.08	130
6	P-06	5	6	9.00	36	4.9	24.5	4.3	11.2	1.3	9.1	1.16	126
7	P-06	6	7	8.60	36.5	4.88	23.8	4.2	10.3	1.2	8.6	1.08	117

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
8	P-06	7	8	8.90	36.3	4.62	23	3.8	3.8	9	1.1	7	0.89
9	P-06	8	9	4.60	14.6	1.79	8.3	1.4	1.4	3.3	0.4	2.3	0.32
10	P-06	9	10	4.50	21	2.56	12.1	2.1	2.1	4.7	0.5	3.1	0.36
11	P-06	10	11	7.60	28	3.44	16.4	2.7	2.7	5.5	0.5	2.9	0.32
12	P-06	11	12	8.10	27.2	3.32	14.4	2.5	2.5	5.6	0.7	4.5	0.59
13	P-06	12	13	7.50	28.6	3.63	18	3.1	3.1	7.6	0.9	6	0.79
14	P-06	13	14	8.80	32.9	4.5	24.4	4.8	4.8	12.3	1.4	9.3	1.22
15	P-06	14	15	7.10	24.4	2.96	14.1	2.5	2.5	6.1	0.7	4.6	0.63
1	P-07	0	1	12.00	39.9	5.2	25.9	4.6	4.6	11	1.3	8.5	1.12
2	P-07	1	2	11.20	34.7	4.58	22.7	4	4	9.9	1.2	8	1.05
3	P-07	2	3	8.60	27.6	3.58	18.1	3.3	3.3	8.2	1	6.6	0.83
4	P-07	3	4	7.20	26.2	3.45	16.6	3	3	7.8	0.9	6.2	0.77
5	P-07	4	5	10.50	31.9	4.36	22.1	4	4	10	1.2	8.2	1.01
6	P-07	5	6	11.60	36.9	4.8	23.9	4.2	4.2	10.6	1.3	9	1.07
7	P-07	6	7	8.10	24.7	3.23	15.8	2.8	2.8	6.9	0.8	5.7	0.77
8	P-07	7	8	7.30	25.5	3.27	16.6	3.1	3.1	7.7	0.9	6.5	0.84
9	P-07	8	9	8.60	27.3	3.65	18.1	3.2	3.2	8.1	1	6.8	0.88
10	P-07	9	10	9.00	28.9	3.81	19.5	3.5	3.5	8.7	1	7	0.91
11	P-07	10	11	10.00	29	3.74	19.1	3.5	3.5	8.5	1	6.9	0.86
1	P-08	0	1	8.40	36	4.37	20.2	3.3	3.3	7.7	0.9	6.4	0.86
2	P-08	1	2	8.60	38.2	4.68	21	3.5	3.5	8.2	1	6.7	0.86
3	P-08	2	3	11.10	47.9	5.87	26.4	4.5	4.5	10.6	1.3	8.5	1.09
4	P-08	3	4	24.80	102	14.1	69.4	11.6	11.6	27.2	3.1	21.3	2.76
5	P-08	4	5	12.70	51.9	6.85	32.7	5.4	5.4	12.6	1.4	10.3	1.32
6	P-08	5	6	10.40	42.2	5.26	23.7	3.8	3.8	9.1	1.1	7.1	0.92
7	P-08	6	7	18.40	70.4	8.5	45.8	7.9	7.9	19.2	2.3	14.6	2
8	P-08	7	8	17.40	71.3	9.23	43.2	7.2	7.2	17	1.9	13.7	1.76
9	P-08	8	9	13.90	53.5	6.86	32.3	5.4	5.4	12.6	1.5	10.1	1.3

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)	
10	P-08	9	10	18.40	69.1	8.83	40.7	40.7	6.6	15.1	1.7	11.5	1.46	167
11	P-08	10	11	10.80	40.6	5.11	23.6	23.6	3.9	9	1	6.8	0.89	112
12	P-08	11	12	6.70	21.6	2.62	12.2	12.2	2.1	5.1	0.6	4.3	0.56	55.2
13	P-08	12	13	7.60	28.7	3.52	16.2	16.2	2.7	6.5	0.7	4.8	0.64	71.9
14	P-08	13	14	3.90	15.8	1.95	8.8	8.8	1.6	3.7	0.5	3.4	0.42	37.3
15	P-08	14	15	4.00	16.8	1.89	8.8	8.8	1.5	3.4	0.4	2.9	0.41	35.5
16	P-08	15	16	8.30	32.5	4.16	18.3	18.3	2.8	6.5	0.7	5.1	0.61	71.2
17	P-08	16	17	8.20	32.5	4.07	18.2	18.2	2.8	6.2	0.7	5	0.59	70
18	P-08	17	18	7.10	29.3	3.61	16.3	16.3	2.6	5.7	0.7	4.6	0.58	62.5
19	P-08	18	19	6.70	28.4	3.54	15.2	15.2	2.4	5.5	0.6	4.3	0.52	61.5
20	P-08	19	20	6.50	27	3.25	14.2	14.2	2.3	5.1	0.6	3.9	0.5	58.7
1	P-09	0	1	6.70	32.7	3.8	18.3	18.3	2.9	7.7	1	5.8	0.91	74.9
2	P-09	1	2	9.20	42.4	5	24	24	3.8	9.6	1.3	7.1	1.11	102
3	P-09	2	3	12.30	56	6.38	30.7	30.7	4.8	12.8	1.6	8.8	1.35	133
4	P-09	3	4	28.30	104	13.4	65.7	65.7	10.4	25.5	3.3	17.7	2.77	306
5	P-09	4	5	22.20	79.5	10.5	50.9	50.9	7.9	19.3	2.5	13.5	2.09	224
6	P-09	5	6	19.00	65.5	8.48	40.8	40.8	6.3	15.6	2	10.9	1.66	171
7	P-09	6	7	12.80	50.7	6.22	30.2	30.2	4.7	11.8	1.5	8.3	1.3	133
8	P-09	7	8	8.40	34	4.03	19.3	19.3	3.1	7.9	1	5.6	0.88	85.8
9	P-09	8	9	8.30	32.9	3.94	18.9	18.9	3	7.5	1	5.4	0.87	83.6
10	P-09	9	10	7.80	31.6	3.75	17.9	17.9	2.9	7.4	1	5.4	0.83	82.2
11	P-09	10	11	8.30	33.3	3.91	18.2	18.2	2.9	7.1	0.9	5.1	0.79	82
12	P-09	11	12	9.00	35.2	4.14	19.1	19.1	2.9	7.2	1	5.3	0.82	77.3
13	P-09	12	13	7.90	32.2	3.7	17.3	17.3	2.7	6.6	0.9	4.9	0.75	69.6
14	P-09	13	14	8.70	37.9	4.11	19.2	19.2	2.7	7.8	0.9	5.4	0.81	79.4
15	P-09	14	15	8.60	33.9	3.98	18.5	18.5	3	7.6	1	5.3	0.79	82.8
16	P-09	15	16	11.90	39.3	4.76	21.8	21.8	3.3	8	1	5.4	0.75	84.9
17	P-09	16	17	9.50	38.8	4.5	21.1	21.1	3.5	9	1.1	6.3	0.91	97.3

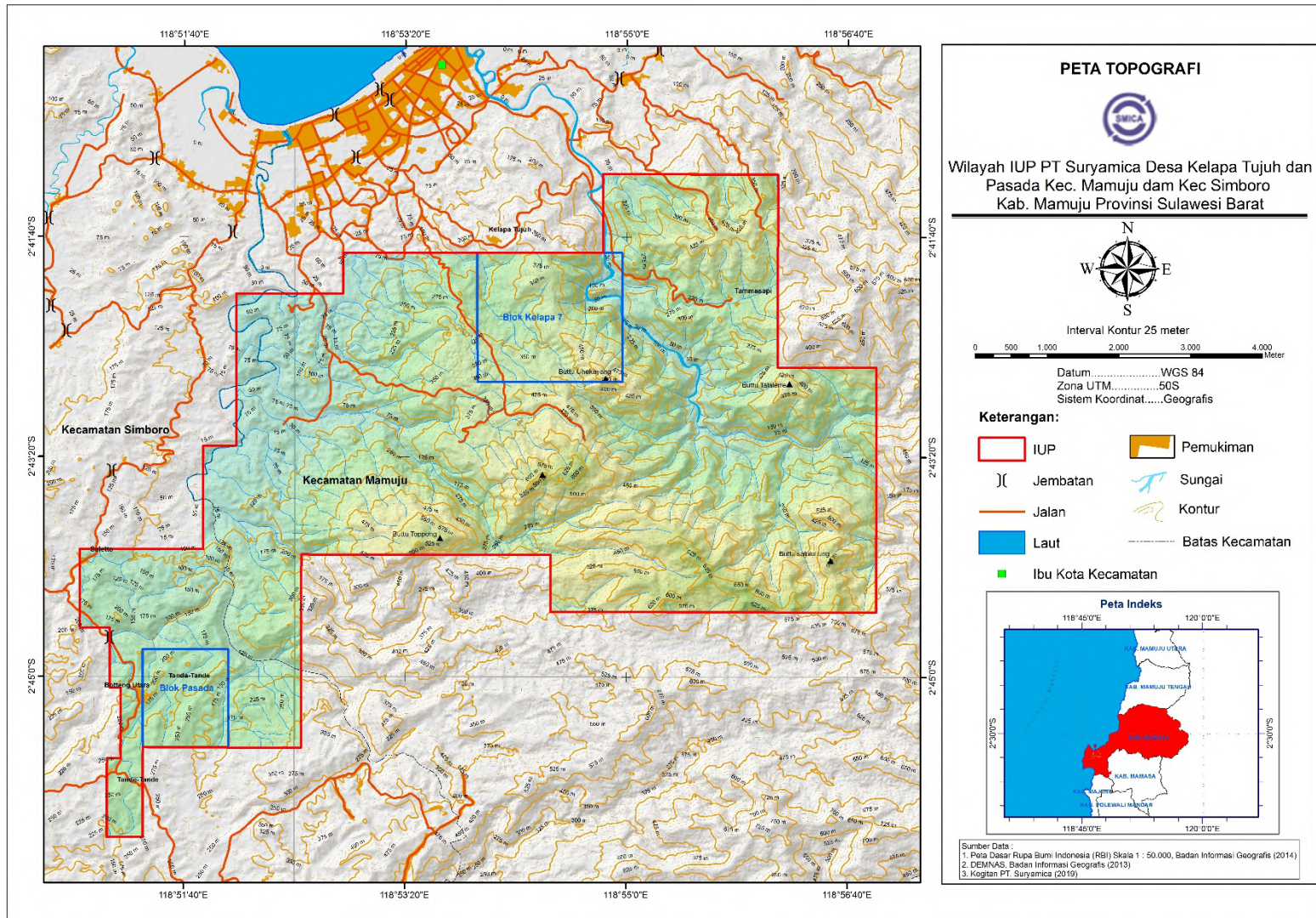
No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
18	P-09	17	18	11.20	44.2	5.28	24.7	4	10	1.3	7.2	1.05	110
19	P-09	18	19	9.50	38.5	4.78	22.9	3.8	9.8	1.2	6.8	1	108
20	P-09	19	20	9.70	39.5	4.76	23.1	3.8	10	1.3	7.1	1.05	106
1	P-10	0	1	11.70	47.2	5.84	27.4	4.4	11.2	1.4	7.5	1.1	127
2	P-10	1	2	12.10	45.4	5.41	24	3.9	9.9	1.2	6.7	1.07	125
3	P-10	2	3	14.70	57.4	7.21	34.7	5.9	14.7	1.8	9.4	1.38	218
4	P-10	3	4	8.80	28.1	3.34	15.9	2.6	6.7	0.8	4.6	0.68	77.2
5	P-10	4	5	-	-	-	-	-	-	-	-	-	-
1	P-11	0	1	5.10	37.7	3.69	15.7	2.4	7.1	0.8	0.7	0.73	77.3
2	P-11	1	2	6.00	31.1	3.1	13.5	2.2	5.5	0.7	4.3	0.62	54.7
3	P-11	2	3	5.00	20.9	1.94	8.3	1.3	3.4	0.5	3.1	0.42	26.9
4	P-11	3	4	30.60	64	7.53	32	4.6	14.6	1.4	7.9	1.34	108
5	P-11	4	5	21.80	73.4	9.26	43.1	6.8	16.7	2.1	11.4	1.64	171
6	P-11	5	6	22.00	82.1	11.4	55.4	9.3	23.2	2.8	15	2.18	305
7	P-11	6	7	12.40	83.2	9.82	50	8.3	22.8	2.5	14.6	2.13	371
8	P-11	7	8	36.60	155	20.7	101	16.9	40.9	4.7	23.4	3.51	578
9	P-11	8	9	-	-	-	-	-	-	-	-	-	-
10	P-11	9	10	-	-	-	-	-	-	-	-	-	-
11	P-11	10	11	6.80	26.8	3.05	13.8	2.2	5.5	0.7	4	0.56	54.3
12	P-11	11	12	29.20	116	13.5	61.4	9.8	23.9	2.9	15.6	2.22	242
13	P-11	12	13	15.10	54.9	6.42	29.5	4.6	11.4	1.4	7.6	1.11	124
14	P-11	13	14	31.50	145	17.8	87.3	14.8	38.2	4.7	25.9	3.88	482
15	P-11	14	15	7.00	30.1	3.58	16.9	2.8	6.8	0.9	4.7	0.7	82
1	P-12	0	1	13.10	53.1	6.13	27.9	4.5	11.4	1.4	7.9	1.15	126
2	P-12	1	2	14.30	57.3	6.68	30.5	5	12.5	1.6	8.6	1.24	140
3	P-12	2	3	23.50	84.4	10.8	52.4	8.7	22.2	2.7	15.2	2.23	252
4	P-12	3	4	23.10	88.9	11.6	54.2	9.1	24.4	3.1	16.1	2.48	281
5	P-12	4	5	26.40	97.4	12	57	9.4	23.9	2.9	16.5	2.42	281

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
6	P-12	5	6	15.90	60.5	7.05	32.7	5.4	13.3	1.7	9.1	1.34	193
7	P-12	6	7	14.20	63.4	7.74	37.4	6.3	15.9	2	11.6	1.7	180
8	P-12	7	8	13.50	62.9	7.7	37.4	6.4	16.2	2	11.2	1.63	193
9	P-12	8	9	11.30	53.8	6.72	34.1	6.3	17.7	2.2	12.5	2.02	212
10	P-12	9	10	4.90	21.8	2.54	12.2	2.1	5.4	0.7	3.7	0.53	65.5
11	P-12	10	11	7.10	32.2	3.72	17.4	2.9	7.3	0.9	5.1	0.72	80.5
12	P-12	11	12	6.00	24.6	2.81	12.9	2.1	5.1	0.6	3.5	0.53	55.9
13	P-12	12	13	6.00	25.1	2.85	13	2.1	5.2	0.7	3.6	0.52	57.7
14	P-12	13	14	4.60	19	2.17	9.8	1.6	3.9	0.5	2.7	0.41	44.5
15	P-12	14	15	4.60	18.5	2.08	9.8	1.6	3.8	0.5	2.6	0.39	42.7
16	P-12	15	16	5.20	21.2	2.42	11	1.8	4.4	0.5	3.1	0.44	51.5
1	P-14	0	1	2.60	17.2	1.24	3.9	0.5	1.1	0.1	0.7	0.09	8.7
2	P-14	1	2	2.90	21.1	1.49	4.6	0.6	1.3	0.2	0.9	0.12	10.5
3	P-14	2	3	4.40	32.8	2.25	6.9	0.9	1.9	0.2	1.2	0.15	17.7
4	P-14	3	4	2.50	21.9	1.4	4.2	0.5	1.2	0.2	0.9	0.13	8.9
5	P-14	4	5	2.60	22.7	1.41	4.2	0.6	1.3	0.2	1.1	0.16	8.9
6	P-14	5	6	6.60	25.2	2.46	9.7	1.3	2.9	0.4	2.3	0.35	21.5
7	P-14	6	7	7.00	32.3	2.74	10.3	1.3	3	0.4	2.4	0.36	23.1
8	P-14	7	8	5.90	21.7	2.13	9.1	1.3	3.4	0.5	3	0.46	25
9	P-14	8	9	7.20	52.2	4.45	17.5	2.6	6.5	1	5	0.87	50.9
10	P-14	9	10	35.60	132	17.6	90.6	14.9	37.5	5.1	29.1	4.7	406
11	P-14	10	11	39.80	245	33.1	176	29.4	80.2	10	59	9.03	1010
12	P-14	11	12	41.10	192	28.2	154	26	64.3	8.3	45.2	7.09	898
13	P-14	12	13	9.40	68.9	8	40.8	6.8	19.6	2.3	12.5	2.12	263
14	P-14	13	14	6.90	48.8	5.57	27	4.5	12.7	1.6	9.8	1.42	144
15	P-14	14	15	13.00	60.4	7.31	36.7	6	15.1	2.1	11.7	1.83	178
16	P-14	15	16	10.10	42.8	5.13	25.2	3.9	9.6	1.2	7	1.1	109
17	P-14	16	17	11.50	45.2	5.34	25.3	3.8	8.8	1.1	6.1	0.95	96.3

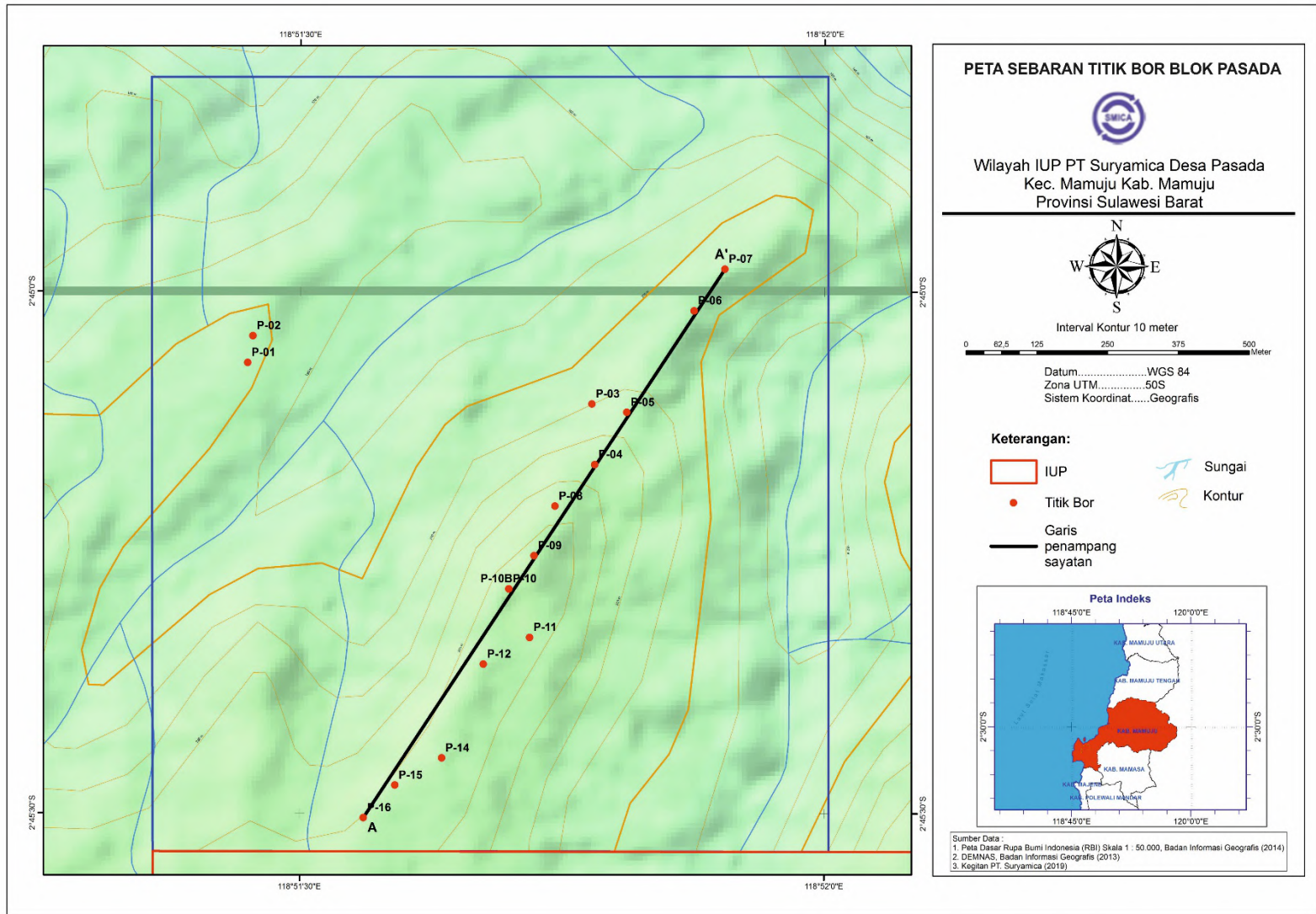
No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)	
18	P-14	17	18	7.40	32	3.87	18.7	18.7	3	7.3	1	5.5	0.87	83.6
19	P-14	18	19	5.50	23.8	2.8	13.9	13.9	2.3	5.6	0.7	4.2	0.65	66.4
20	P-14	19	20	11.40	43.2	5.07	23.6	23.6	3.3	7.4	0.9	4.6	0.72	81.7
21	P-14	20	21	21.00	85.9	10.9	57.4	57.4	9.8	24.7	3.3	18.6	2.97	319
1	P-15	0	1	4.90	28.3	2.54	11.1	11.1	1.7	4.2	0.6	3.7	0.53	38
2	P-15	1	2	7.00	35.4	3.53	15.8	15.8	2.4	6	0.8	5	0.75	57.8
3	P-15	2	3	5.40	29.9	2.74	12.1	12.1	1.9	4.8	0.7	4.1	0.62	43.9
4	P-15	3	4	6.00	31.6	3	13	13	2	5	0.7	4.4	0.64	46.1
5	P-15	4	5	10.90	47.6	4.88	21.4	21.4	3.1	7.4	1	6.2	0.91	73
6	P-15	5	6	10.20	46.3	5.11	22.1	22.1	3.1	7.1	1	6.1	0.87	65.2
7	P-15	6	7	15.10	55.7	6.41	28.9	28.9	4.2	9.7	1.4	8.2	1.2	92.7
8	P-15	7	8	37.30	156	20.7	107	107	17.6	43.2	5.9	32.7	5.24	469
9	P-15	8	9	61.60	279	37.8	200	200	33.9	83.4	10.7	56.9	9.35	1130
10	P-15	9	10	60.60	286	36.6	199	199	34.2	93	10.8	57.3	9.97	1360
11	P-15	10	11	20.70	92.2	12.7	68.5	68.5	11.6	28.1	3.6	19.3	3.04	388
12	P-15	11	12	36.30	152	22	119	119	20.4	49.2	6.3	32.4	5.36	704
13	P-15	12	13	15.90	70.4	8.89	46.3	46.3	7.7	19.1	2.6	14.2	2.26	254
14	P-15	13	14	18.60	77.3	9.8	52.1	52.1	9	23	3.1	17.5	2.8	290
15	P-15	14	15	17.70	72.9	9.11	48.2	48.2	8.2	20.8	2.8	15.8	2.5	269
16	P-15	15	16	13.50	55	7.05	36.8	36.8	6.2	15.4	2.1	11.7	1.85	197
17	P-15	16	17	18.10	77.7	12.2	75	75	13.3	36.6	5.3	32.1	4.61	295
18	P-15	17	18	14.30	61	8.64	48.6	48.6	8.3	21.6	3	17.9	2.59	209
19	P-15	18	19	14.50	67.3	9.53	55.1	55.1	10.1	26.7	3.5	19.3	3.1	279
20	P-15	19	20	10.90	40.6	4.84	24.3	24.3	4	10.2	1.3	7.8	1.22	125
1	P-16	0	1	3.70	29.5	2.7	12	12	1.9	4.7	0.7	3.9	0.57	45.3
2	P-16	1	2	6.00	32.8	3.15	14.2	14.2	2.2	5.4	0.8	4.5	0.67	54.6
3	P-16	2	3	6.20	32.1	3.28	14.8	14.8	2.3	5.7	0.8	4.8	0.73	56.5
4	P-16	3	4	7.90	37	3.68	16.7	16.7	2.6	6.5	0.9	5.9	0.85	57

No.	Lubang Bor	Dari (m)	Ke (m)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Y (ppm)
5	P-16	4	5	-	-	-	-	-	-	-	-	-	-
6	P-16	5	6	24.70	97.7	13.9	73.6	12.3	29.8	3.8	20.9	3.3	385
7	P-16	6	7	-	-	-	-	-	-	-	-	-	-
8	P-16	7	8	9.70	44.5	5.06	24.9	4	9.8	1.3	7.7	1.19	108
9	P-16	8	9	11.20	48.8	5.75	28.1	4.5	11.3	1.5	8.8	1.35	124
10	P-16	9	10	9.50	42.3	4.94	25	4	9.9	1.3	7.3	1.18	116
11	P-16	10	11	10.30	35.6	4.22	21.2	3.4	8.6	1.2	6.5	1.01	100
12	P-16	11	12	11.10	40.9	4.82	23.8	3.9	9.7	1.3	7.2	1.17	115
13	P-16	12	13	12.40	51.9	6.22	30.4	4.7	11.6	1.5	8.5	1.35	144
14	P-16	13	14	13.90	53.3	6.29	30.4	4.8	11.4	1.5	8.6	1.34	142

LAMPIRAN B
PETA LOKASI PENELITIAN



LAMPIRAN C
PETA SEBARAN TITIK BOR



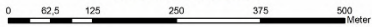
PETA SEBARAN TITIK BOR BLOK PASADA



Wilayah IUP PT Suryamica Desa Pasada
Kec. Mamuju Kab. Mamuju
Provinsi Sulawesi Barat



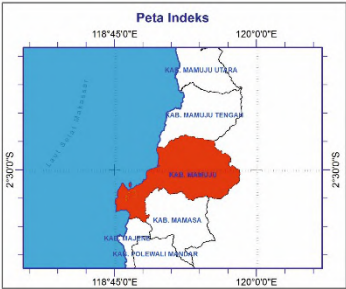
Interval Kontur 10 meter



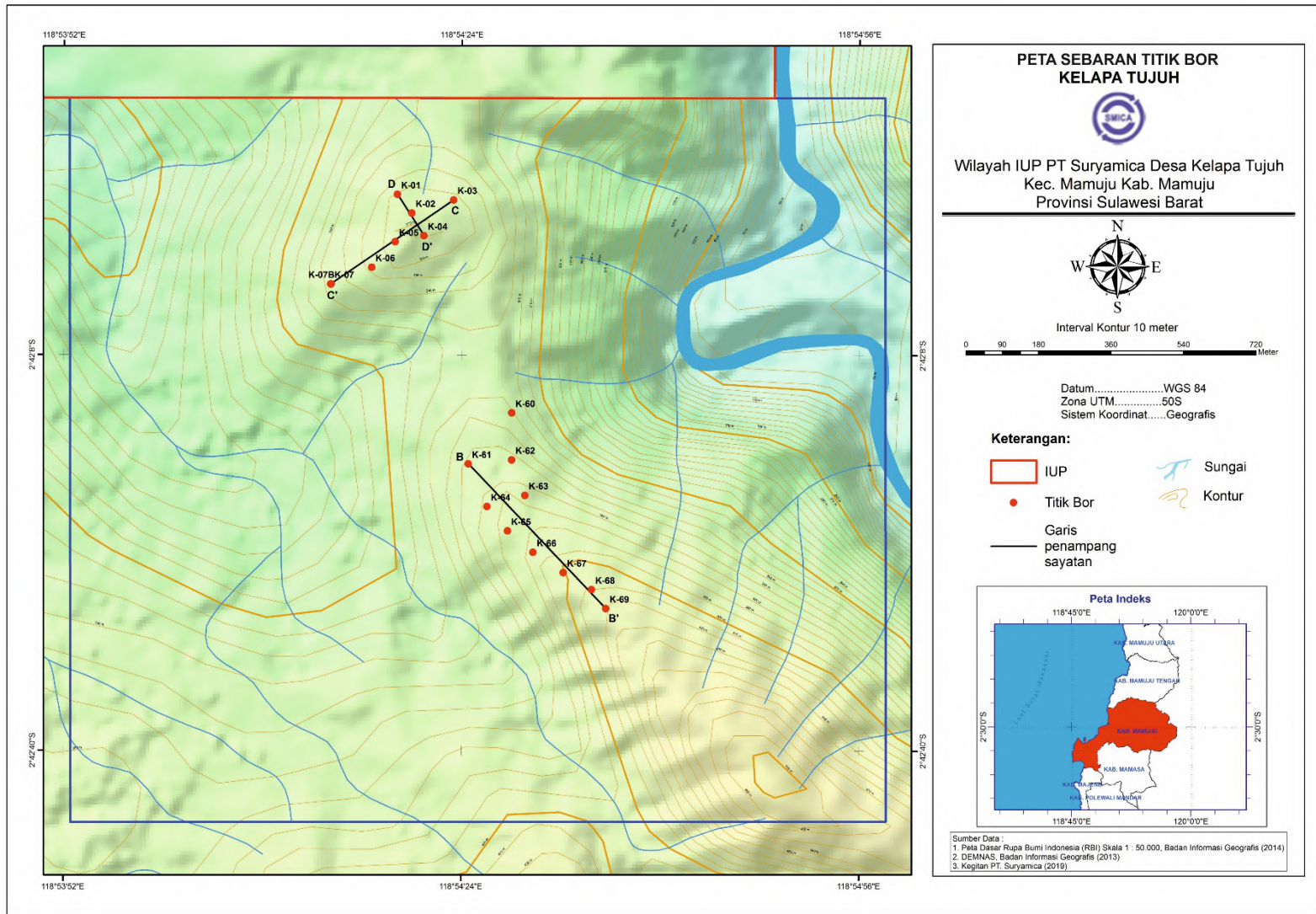
Datum.....WGS 84
Zona UTM.....50S
Sistem Koordinat.....Geografis

Keterangan:

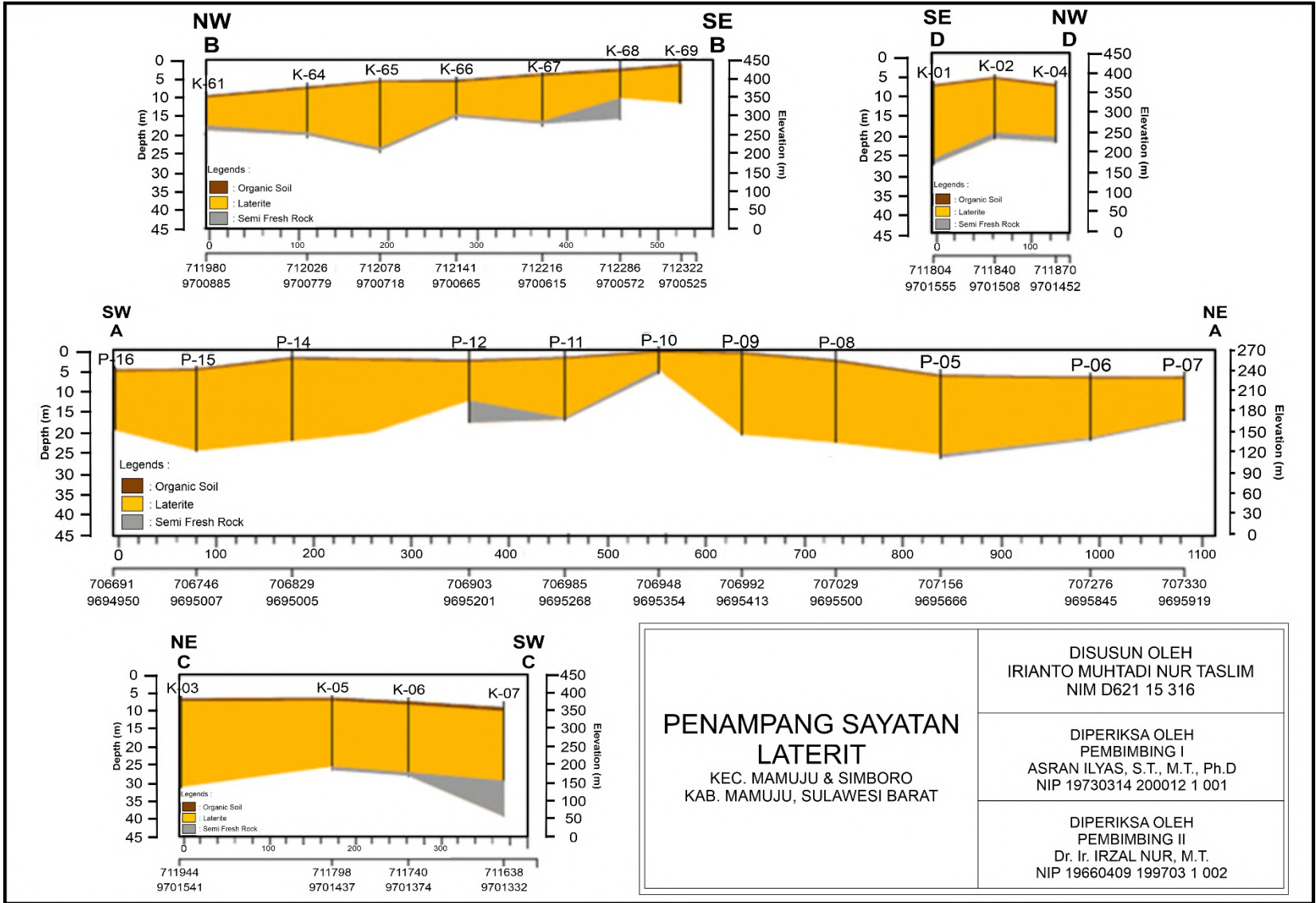
- IUP
- Titik Bor
- Garis penampang sayatan
- Sungai
- Kontur



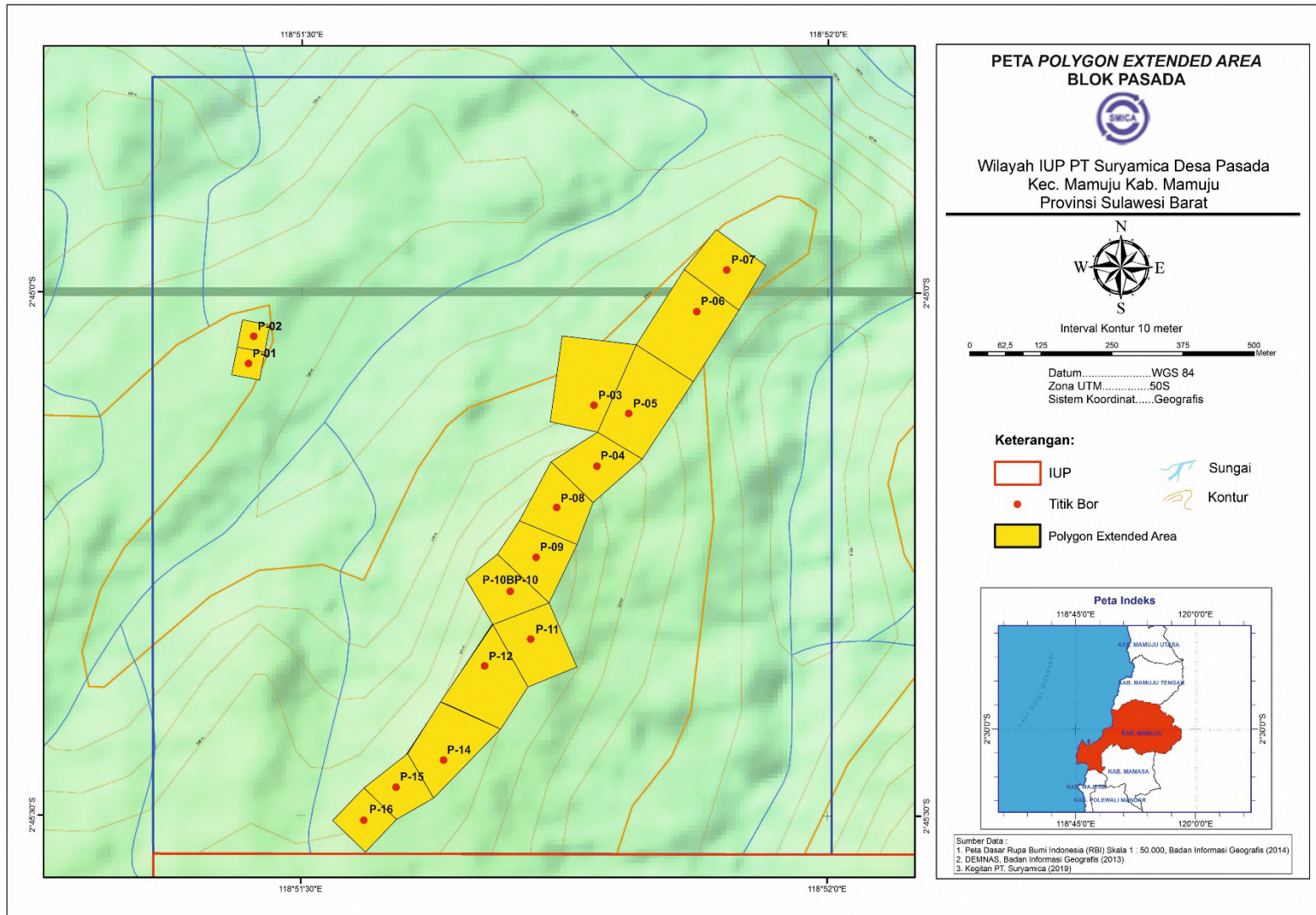
Sumber Data :
1. Peta Dasar Rupa Bumi Indonesia (RBI) Skala 1 : 50.000, Badan Informasi Geografis (2014)
2. DENNAS, Badan Informasi Geografis (2013)
3. Kegiatan PT. Suryamica (2019)



LAMPIRAN D
PENAMPANG SAYATAN



LAMPIRAN E
PETA *POLYGON EXTENDED AREA*



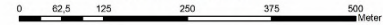
**PETA POLYGON EXTENDED AREA
BLOK PASADA**



Wilayah IUP PT Suryamica Desa Pasada
Kec. Mamuju Kab. Mamuju
Provinsi Sulawesi Barat



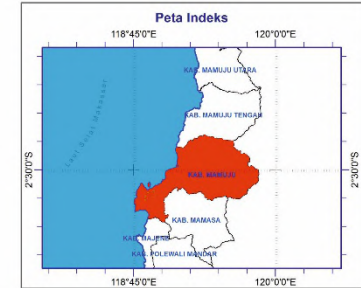
Interval Kontur 10 meter



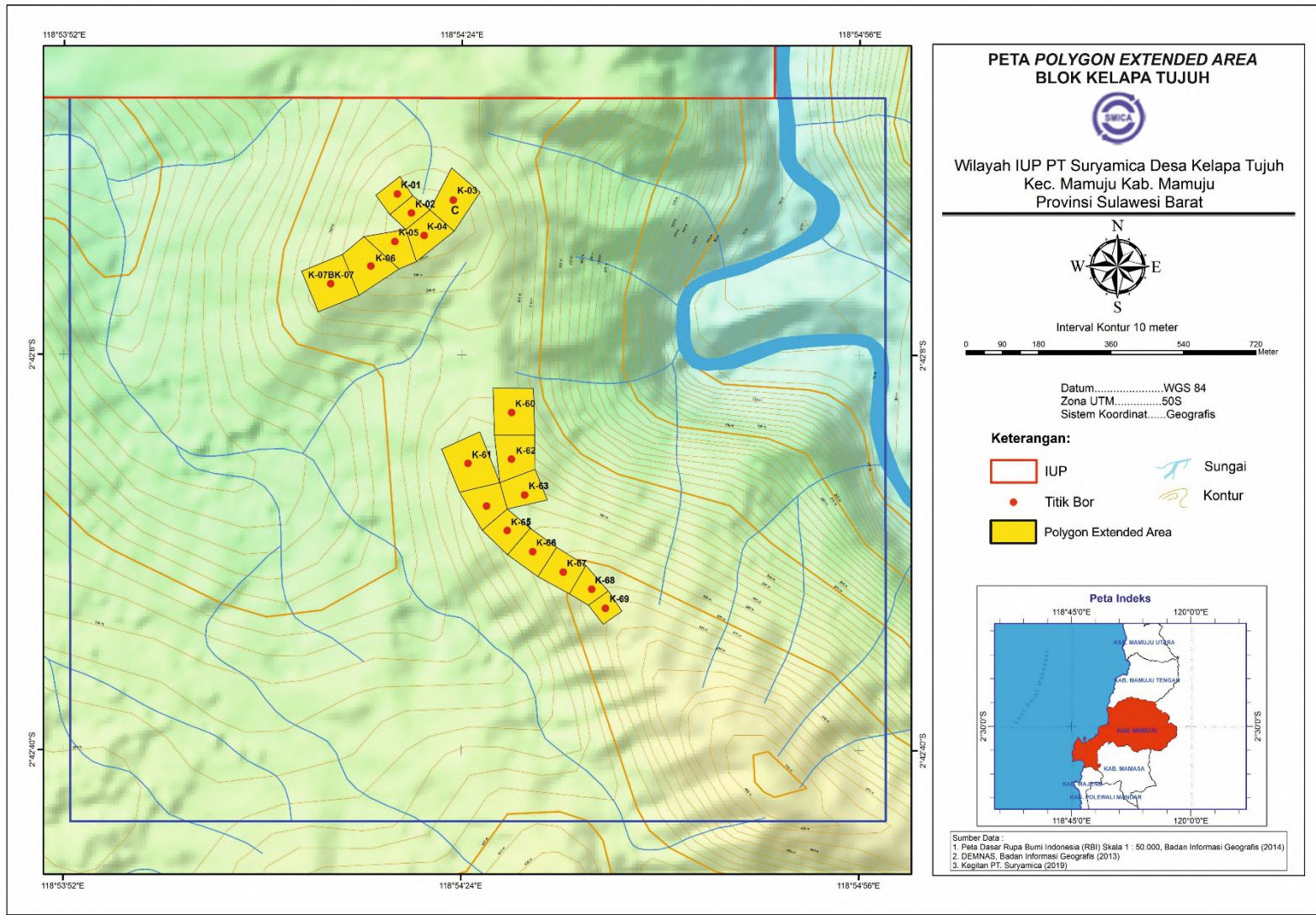
Datum.....WGS 84
Zona UTM.....50S
Sistem Koordinat.....Geografis

Keterangan:

- IUP
- Titik Bor
- Polygon Extended Area
- Sungai
- Kontur



Sumber Data :
1. Peta Dasar Rupa Bumi Indonesia (RBI) Skala 1 : 50.000, Badan Informasi Geografis (2014)
2. DENNAS, Badan Informasi Geografis (2013)
3. Kegiatan PT. Suryamica (2019)







LAMPIRAN F
LEMBAR KONSULTASI

Lampiran B 10
Kartu Konsultasi Tugas Akhir

JUDUL:

(Konsultasi minimal 8 kali)

TANGGAL	MATERI KONSULTASI	PARAF DOSEN
27/6/2022	Penentuan metode estimasi sumberdaya pada penelitian	
4/7/2022	Perbaikan latar belakang dan rumusan masalah	
8/7/2022	Perbaikan dan penambahan tinjauan pustaka	
11/7/2022	Perbaikan format penulisan pada metode penelitian	
15/7/2022	Perbaikan dan penambahan pada hasil dan pembahasan	1M—
18/7/2022	Perbaikan kesimpulan dan saran	1M—
22/7/2022	Perbaikan format daftar pustaka	1M—
25/7/2022	Penambahan beberapa peta pada lampiran	1M—
16/8/2022	Perbaikan pasca-seminar hasil	