PREPARATION OF FOREST INFORMATION IN WIDE AREA AND FOREST MANAGEMENT PLANNING IN THE REPUBLIC OF THE PHILIPPINES

ANNEX

JUNE 1988

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

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Annex–1

Cross Tabulation of the Natural Environmental Factors in Specific Combinations of Two in Wide Area

1. Areas by Vegetation & Land Use and Elevation
2. Relationships between Geology and numbers of Land Collapse
3. Relationships between Soils and Slopes
4. Relationships between Slopes and numbers of Land Collapse
5. Areas by Slopes and Elevation

1. Areas by Vegetation & Land Use and Elevation

(unit: ha)

Vegetation / Height	Forest							Kaingin	Grass-land	Agricul-ture area	Bareland	Settle-ment, Village, Town	total
	Mangrov F.	Flat plain F.	Hilly F.	Mountain F.	Logging P. F.	Benquit pine F.	Subtotal						
0~100 m	0 (0)	30,474 (5)	0 (0)	0 (0)	129 (0)	0 (0)	30,603 (5)	58,745 (9)	118,404 (18)	398,949 (62)	31,994 (5)	10,105 (2)	648,800 (100)
101~200 m	0 (0)	5,780 (2)	43,609 (12)	0 (0)	15,316 (4)	0 (0)	64,705 (18)	82,292 (23)	120,649 (33)	81,618 (23)	10,409 (3)	727 (0)	360,400 (100)
201~400 m	0 (0)	965 (0)	89,847 (21)	29,216 (7)	59,436 (13)	0 (0)	179,464 (41)	83,676 (19)	117,782 (25)	44,824 (10)	10,047 (2)	1,407 (0)	437,200 (100)
401~800 m	0 (0)	0 (0)	46,541 (7)	309,841 (50)	84,464 (13)	6,208 (1)	447,049 (71)	48,497 (8)	106,976 (17)	19,814 (3)	3,879 (1)	185 (0)	626,400 (100)
801m~	0 (0)	0 (0)	1,402 (0)	345,541 (49)	50,989 (7)	175,023 (25)	572,955 (81)	45,777 (7)	40,165 (6)	40,952 (6)	851 (0)	0 (0)	700,700 (100)
total	0 (0)	37,219 (1)	181,399 (7)	684,598 (25)	210,334 (7)	181,226 (7)	1,294,776 (47)	318,987 (12)	503,976 (18)	586,157 (21)	57,180 (2)	12,424 (1)	2,773,500 (100)

note: ( ) is %

2. Relationships between Geology and Numbers of Land Collapse

Geology	Land collapse<number>
Recent Sediments	26 (2%)
Sedimentary Rocks (heavy weathered)	155 (12%)
Sedimentary Rocks (Weathered)	45 (4%)
Sedimentary Rocks (fresh)	468 (37%)
Limestone	41 (3%)
Volcanic Rocks	82 (6%)
Intrusive Rocks	463 (36%)
total	1, 280 (100%)

3. Relationships between Soils and Slopes

(unit: km^2)

Soil Texture / Slope	1 sand (include gravel)	2 sand ~ gravel (in. rock)	3 sand loam	4 silt~ loam	5 loam	6 silt~ clay	7 sandy clay loam	8 silty clay loam	9 clay loam	10 clay	11 sand	12 river	total
0 ~ 3 %	26	17	2, 279	242	31	810	579	295	2, 453	91	3	385	7, 211
4 ~ 8	2	50	784	330	79	80	112	0	893	80	0	48	2, 458
9 ~ 18	25	425	687	1, 143	107	53	347	0	1, 023	53	0	61	3, 923
19 ~ 25	39	1, 234	140	740	17	15	273	0	374	58	0	22	2, 912
26 ~ 50	109	7, 136	117	990	24	8	424	0	311	35	0	39	9, 193
51~	4	1, 927	6	75	1	0	8	0	11	0	0	6	2, 038
total	205	10, 789	4, 013	3, 520	259	966	1, 743	295	5, 065	317	3	560	27, 735

4. Relationships between Slopes and Numbers of Land Collapse

Slope		Land collapse<number>
percent	degree	
0～ 3	0～ 2	53 (4%)
4～ 8	2～ 6	62 (5%)
9～18	6～10	147 (11%)
19～25	10～14	118 (9%)
26～35	14～19	261 (20%)
36～45	19～24	272 (21%)
46～55	24～29	207 (16%)
56～65	29～33	114 (9%)
66～75	33～37	33 (3%)
76～85	37～40	7 (1%)
86～	40～	6 (1%)
total		1, 208 (100%)

5. Areas by Slopes and Elevation

(unit: km^2)

Slope / Hight	0～ 3%	4～ 8%	9～18%	19～ %	total
0～100 m	5, 886 (91)	474 (7)	113 (2)	15 (0)	6, 488 (100 %)
101～200	892 (25)	1, 264 (35)	1, 228 (34)	220 (6)	3, 604 (100 %)
201～400	425 (10)	648 (15)	1, 734 (40)	1, 565 (35)	4, 372 (100 %)
401～800	8 (0)	56 (1)	549 (9)	5, 651 (90)	6, 264 (100 %)
801m～	0 (0)	14 (0)	297 (4)	6, 696 (96)	7, 007 (100 %)
total	7, 211 (26)	2, 456 (9)	3, 921 (14)	14, 147 (51)	27, 735 (100 %)

Annex–2

Weighting Table in Each Evaluation

1. SOIL EROSION POTENTIAL (1)
2. SOIL EROSION POTENTIAL (2)
3. INTEGRATED SOIL EROSION POTENTIAL
4. HAZARD OF LAND COLLAPSE & SLIDE (1)
5. HAZARD OF LAND COLLAPSE & SLIDE (2)
6. INTEGRATED HAZARD OF LAND COLLAPSE & SLIDE
7. WATER HOLDING POTENTIAL (1)
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10. NATURAL POTENTIALS
11. FLOODING POTENTIAL
12. TREE GROWTH POTENTIAL

1. SOIL EROSION POTENTIAL (1)

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope	26~ 50%	10~25 51~			9~18		4~8		0~3			
Soil Texture					1, 2, 4		5, 7, 9		3, 6, 8, 10, 11		12 13	

Soil Texture

High	12~16	1. Sand (Include gravel)	6. Silt ~ Clay	11. Sand
Middle	7~11	2. Sand ~ Gravel (Include rock)	7. Sandy clay loam	12. River
Low	2~6	3. Sandy loam	8. Silty clay loam	13. Rock
		4. Silt ~ Loam	9. Clay loam	
		5. Loam	10. Clay	

2. SOIL EROSION POTENTIAL (2)

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope	26~ 50%		19~25 51~		9~18		4~8		0~3			
Soil Texture					1, 2, 4		5, 7, 9		3, 6, 8, 10, 11		12 13	
Rainfall	Over 3,000 mm/y		2,500~ 3,000 mm/y		2,000~ 2,500 mm/y		Less 2,000 mm/y					

Soil Texture

High	20~26	1. Sand (Include gravel)	6. Silt ~ Clay	11. Sand
Middle	14~19	2. Sand ~ Gravel (Include rock)	7. Sandy clay loam	12. River
Low	8~13	3. Sandy loam	8. Silty clay loam	13. Rock
		4. Silt ~ Loam	9. Clay loam	
		5. Loam	10. Clay	

3. INTEGRATED SOIL EROSION POTENTIAL

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope	26~ 50%		19~25 51~		9~18		4~8		0~3			
Soil Texture					1, 2, 4		5, 7, 9		3, 6, 8, 10, 11		12 13	
Rainfall	Over 3,000 mm/y		2,500~ 3,000 mm/y		2,000~ 2,500 mm/y		Less 2,000 mm/y					
Vegetation & Land Use			7, 10		8, 9		5, 6		1, 2, 3, 4, 11			

Landuse

High	27~34
Middle	19~26
Low	10~18

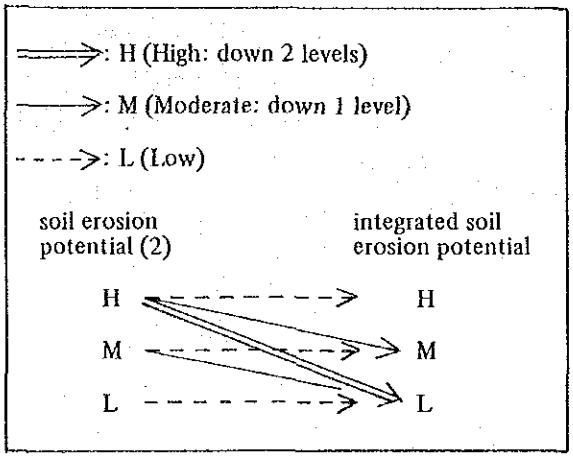
Soil Texture

1. Sand (Include gravel)
2. Sand ~ Gravel (Include rock)
3. Sandy loam
4. Silt ~ Loam
5. Loam
6. Silt ~ Clay
7. Sandy clay loam
8. Silty clay loam
9. Clay loam
10. Clay
11. Sand
12. River
13. Rock

Vegetation & Landuse

1. Mangrove forest
2. Flat plain forest
3. Hilly forest
4. Mountain forest
5. Grassland
6. Logging progress or Logged over area
7. Bareland
8. Agriculture area
9. Kaingin
10. Settlement, Village, Town
11. Benket pine forest

VEGETATION IMPACT ON SOIL EROSION POTENTIAL



4. HAZARD OF LAND COLLAPSE & SLIDE (1)

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope	26~ 55%		9~25 56~65		0~8 66~							
Geology	23 41		21		22, 24, 31, 51		11					
Fault					YES						NON	

		Geology	
High	19~25	11. Recent sediments	24. Limestone
Middle	12~18	21. Sedimentary rocks (heavy weathered)	31. Volcanic rocks
Low	5~11	22. " (weathered)	41. Intrusive rocks
		23. " (fresh)	51. Metamorphic rocks

5. HAZARD OF LAND COLLAPSE & SLIDE (2)

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope	26~ 55%		9~25 56~65		0~8 66~							
Geology	23 41		21		22, 24, 31, 51		11					
Fault						YES					NON	
Rainfall			Over 3,000 mm/y	2,500~ 3,000 mm/y	2,000~ 2,500 mm/y	Less 2,000 mm/y						

High	26~33
Middle	18~25
Low	10~17

cf. HAZARD OF LAND COLLAPSE & SLIDE (1)
Rainfall

6. INTEGRATED HAZARD OF LAND COLLAPSE & SLIDE

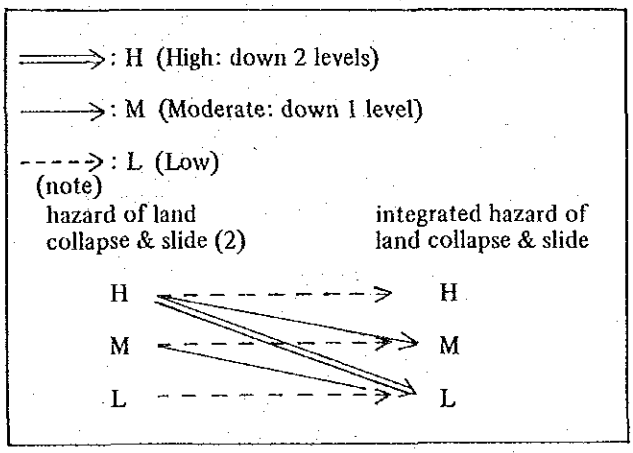
weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope	26~ 55%		9~25 56~65		0~8 66~							
Geology	23		21		22, 24, 31, 51		11					
Fault					YES						NON	
Rainfall			Over 3,000 mm/y	2,500~ 3,000 mm/y	2,000~ 2,500 mm/y	Less 2,000 mm/y						
Vegetation & Landuse			7, 10		8, 9		5, 6		1, 2, 3, 4, 11			

High	32~39
Middle	24~31
Low	16~23

Geology, Vegetation & Landuse

cf. HAZARD OF LAND COLLAPSE & SLIDE (1), INTEGRATED SOIL EROSION POTENTIAL

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE



7. WATER HOLDING POTENTIAL (1)

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope			0~8%	9~18	19~							
Soil Texture	1, 2, 4		5, 7, 9		3, 6, 8, 10, 11						12	
Geology	11, 21		22, 24, 31	23, 41, 51								

High 23~28 Geology, Soil Texture
Middle 17~22
Low 12~16

cf. HAZARD OF LAND COLLAPSE & SLIDE (1),
SOIL EROSION POTENTIAL (1)

8. WATER HOLDING POTENTIAL (2)

weight / item	10	9	8	7	6	5	4	3	2	1	0	off
Slope			0~8%	9~18	19~							
Soil Texture	1, 2, 4		5, 7, 9		3, 6, 8, 10, 11						12	
Geology	11, 21		22, 24, 31	23, 41, 51								
Rainfall	Over 3,000 mm/y		2,500~ 3,000 mm/y		2,000~ 2,500 mm/y		Less 2,000 mm/y					

High 23~28 Geology, Soil Texture
Middle 17~22
Low 12~16

cf. HAZARD OF LAND COLLAPSE & SLIDE (1),
SOIL EROSION POTENTIAL (1)

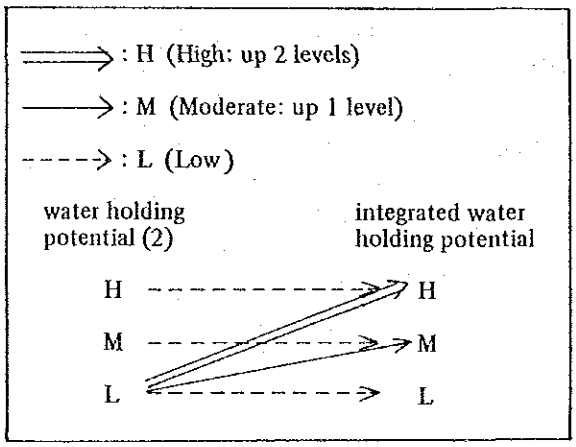
9. INTEGRATED WATER HOLDING POTENTIAL

item \ weight	10	9	8	7	6	5	4	3	2	1	0	off
Slope			0~8%	9~18	19~							
Soil Texture	1, 2, 4		5, 7, 9		3, 6, 8, 10, 11						12	
Geology	11, 21		22, 24, 31	23, 41, 51								
Rainfall	Over 3,000 mm/y		2,500~ 3,000 mm/y		2,000~ 2,500 mm/y		Less 2,000 mm/y					
Vegetation & Landuse						1, 2, 3, 4, 11		5, 6, 8, 9		7, 10		

High	23~28	Geology, Soil Texture
Middle	17~22	
Low	12~16	

cf. HAZARD OF LAND COLLAPSE & SLIDE (1),
SOIL EROSION POTENTIAL (1)

VEGETATION IMPACT ON WATER HOLDING POTENTIAL



10. NATURAL POTENTIALS

weight / item	Present forest area			Present grassland area		
	H	M	L	H	M	L
SOIL EROSION POTENTIAL (2)	3	2	1	5	3	1
HAZARD OF LAND COLLAPSE & SLIDE (2)	3	2	1	3	2	1
WATER HOLDING POTENTIAL (2)	1	2	3	1	2	3

Present forest area — weight
- High hazard potential 7
- Medium hazard potential 6
- Low hazard potential 5

Present grassland area
- High hazard potential . . . . . 8~9
- Low hazard potential . . . . . 5~7

11. FLOODING POTENTIAL

– Areas of under 800 meters in elevation, having the following geomorphological features:
High hazard potential

– Areas of under 800 meters in elevation, having none of the following features:
Middle (Medium) hazard potential

– Areas of over 800 meters in elevation: Low hazard potential

(1) Back marsh (coastal fluvial)
(2) Flood plain
(3) Valley bottom lowland
(4) Fan
(5) River bed

12. TREE GROWTH POTENTIAL

item \ weight	10	9	8	7	6	5	4	3	2	1	0	off
Soil Consistency			1, 2, 4		5, 7, 9		3, 6, 8, 10, 11				12	
Slope			0~8%		9~18%		19%~					
Soil Depth Geomorphology			11,12,14, 22,23,24, 25		15,16,21, 26,35,13		31,32,33, 34,36				17	
Vegetation & Land Use											5, 6, 9	1, 2, 3, 4, 7, 8, 10, 11

High	19~26
Middle	15~18
Low	12~14

Soil Consistency → Soil Texture
Vegetation & Landuse
cf. Integrated soil erosion potential

Soil Depth – cf. Geomorphology

Annex – 3

FOREST INFORMATION DATA IN WIDE AREA

WATERSHED	MANAGE-MENT	ELEVATION		SLOPE		VEGETATION & LAND USE						REGULATION						
	UNIT	MAX. (m)	MIN. (m)	18%+ (ha)	18%- (ha)	FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICU-LTURE (ha)	OTHERS (ha)	TOTAL (ha)	FOREST LAND/A&D		FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVA-TION	RESETTL-EMENT PROJECT (ha)	NATIONAL PARK (ha)
												FOREST LAND (ha)	A & D (ha)					
I-1-A-1	01	900	60	5,528	6,411	4,266	3,115	0	4,558	0	11,939	11,170	774	190	0	0	0	0
I-1-A-1	02	500	30	779	7,575	7,222	0	850	282	0	8,354	8,354	0	0	0	0	0	0
I-1-A-1	03	300	10	0	4,247	1,357	0	1,874	834	182	4,247	2,094	2,156	0	0	0	0	0
I-1-A-1	04	200	10	0	11,921	659	0	6,811	4,066	385	11,921	5,983	5,938	0	0	0	0	0
I-1-A-1	05	300	10	0	2,948	49	0	1,042	1,677	180	2,948	123	2,824	0	0	0	0	0
I-1-A-1	06	500	20	296	2,747	1,257	0	1,576	210	0	3,043	2,357	683	0	0	0	0	0
I-1-A-1	07	500	20	1,816	5,882	1,503	935	2,315	2,901	44	7,698	3,012	4,689	0	0	0	0	0
I-1-A-1	08	900	120	2,244	554	552	143	0	2,103	0	2,798	2,758	41	63	0	0	0	0
I-1-A-1	09	900	80	0	1,930	294	1,245	0	391	0	1,930	514	1,417	0	0	0	0	0
I-1-A-1	10	800	100	2,078	570	1,221	574	0	853	0	2,648	2,547	98	28	0	0	0	0
I-1-A-1	11	700	100	1,573	209	784	186	0	812	0	1,782	1,782	0	56	0	0	0	0
I-1-A-1	12	700	100	1,153	645	396	863	0	539	0	1,798	1,748	51	211	0	0	0	0
I-1-A-1	13	900	80	1,412	2,363	478	2,359	0	876	62	3,775	903	2,873	0	0	0	0	0
I-1-A-1	14	400	80	0	1,180	74	785	19	95	207	1,180	158	1,023	0	0	0	0	0
I-1-A-1	15	400	20	1,028	664	71	417	1,108	46	50	1,692	583	1,109	0	0	0	0	0
I-1-A-1	16	400	20	373	8,543	1,371	0	6,072	1,136	337	8,916	6,843	2,074	1,552	0	0	0	0
I-1-A-1	17	300	20	349	15,958	537	0	5,398	8,221	2,151	16,307	4,014	12,295	2,732	0	0	0	0
I-1-A-1	18	300	40	369	17,223	6,037	0	7,322	4,197	36	17,592	9,176	8,413	3,056	0	0	0	0
I-1-A-1	19	1,300	60	9,416	28,723	5,307	1,481	11,528	15,871	3,952	38,139	24,807	13,340	35,565	0	0	0	0
I-1-A-1	20	390	150	0	14,808	289	0	8,876	5,643	0	14,808	7,273	7,535	13,295	0	0	0	0
I-1-A-1	21	460	80	1,120	6,539	2,665	600	4,262	132	0	7,659	7,131	525	0	0	0	0	0
I-1-A-1	22	1,300	120	4,441	13,509	9,742	1,058	2,473	4,677	0	17,950	16,085	1,863	625	0	0	0	0
I-1-A-1	23	1,500	160	4,972	2,479	4,105	231	353	2,762	0	7,451	7,205	247	1,545	0	0	0	0
I-1-A-1	24	1,500	160	8,782	1,662	4,713	2,242	204	3,285	0	10,444	10,446	0	3,334	0	0	0	0
I-1-A-1	25	900	80	6,638	8,009	5,058	3,271	4,760	1,558	0	14,647	14,643	0	205	0	0	0	0
I-1-A-1	26	1,900	240	9,817	295	4,332	2,017	200	3,563	0	10,112	10,114	0	603	0	0	0	0
I-1-A-1	27	2,200	240	15,887	0	8,161	272	962	6,492	0	15,887	15,889	0	1,558	0	0	0	0
I-1-A-1	28	1,600	70	10,215	9,069	6,272	247	6,913	5,795	57	19,284	17,174	2,112	6,435	0	0	0	0
I-1-A-1				90,286	176,663	78,772	22,041	74,918	83,575	7,643	266,949	194,886	72,080	7,053	0	0	0	0
I-1-A-2	01	1,100	80	2,594	3,872	1,679	2,250	0	2,357	180	6,466	3,497	2,967	2,462	0	0	0	0
I-1-A-2	02	280	80	0	813	371	0	0	295	147	813	742	71	512	0	0	0	0
I-1-A-2	03	1,200	200	4,397	0	616	0	0	3,781	0	4,397	4,397	0	2,736	0	0	0	0
I-1-A-2	04	1,100	100	1,637	940	174	792	0	1,611	0	2,577	2,028	549	2,023	0	0	0	0
I-1-A-2	05	1,300	300	4,379	0	569	0	0	3,810	0	4,379	4,380	0	870	0	0	0	0
I-1-A-2	06	1,200	80	5,645	656	2111	0	0	4,190	0	6,301	6,184	114	5,258	0	0	0	0
I-1-A-2	07	1,450	80	2,435	636	564	0	0	2,449	58	3,071	3,071	0	1,357	0	0	0	0
I-1-A-2	08	700	80	384	3,306	1,355	0	1,780	555	0	3,690	3,460	230	2,543	0	0	0	0
I-1-A-2	09	1,100	80	3,747	12,051	1,188	6,777	4,261	3,405	167	15,798	14,489	1,3079	15,357	0	0	0	0
I-1-A-2	10	1,100	150	3,332	871	1,410	595	125	2,073	0	4,203	4,201	0	2,200	0	0	0	0
I-1-A-2	11	1,900	400	5,609	342	847	0	0	5,104	0	5,951	5,953	0	2,789	0	0	0	0
I-1-A-2	12	1,900	600	2,110	0	1,002	0	0	1,108	0	2,110	2,113	0	611	0	0	0	0
I-1-A-2	13	1,900	350	4,845	0	2,213	0	0	2,632	0	4,845	4,846	0	1,035	0	0	0	0
I-1-A-2	14	2,000	900	2,773	0	2,773	0	0	0	0	2,773	2,772	0	2,301	0	0	0	0
I-1-A-2	15	1,900	500	1,924	0	1,206	0	0	718	0	1,924	1,924	0	1,924	0	0	0	0
I-1-A-2	16	1,600	160	3,904	772	168	606	301	3,601	0	4,676	4,474	200	4,403	0	0	0	0
I-1-A-2	17	1,300	140	5,181	0	696	1,768	48	2,565	104	5,181	4,511	673	5,184	0	0	0	0
I-1-A-2	18	1,100	80	4,389	442	656	1,446	590	2,019	120	4,831	4,363	466	4,829	0	0	0	0

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
0	11,943	0	429	5,370	6,144	11,943	0	0	0	3,347	0	0	11,943	0
0	6,346	2,008	4,705	1,641	2,008	8,354	0	0	2,008	3,892	0	0	5,568	2,786
0	3,154	1,096	0	3,154	1,096	3,636	614	0	0	2,809	0	0	3,154	1,096
0	0	11,922	0	1,516	10,406	10,059	1,863	0	8,109	1,516	0	0	0	11,922
0	858	2,089	0	858	2,089	2,947	0	0	858	0	0	0	858	2,089
0	2,375	665	2,079	296	665	3,040	0	0	961	1,661	0	0	2,375	665
0	7,155	545	1,271	5,884	545	7,700	0	0	1,271	2,473	0	0	6,716	984
0	2,798	0	260	1,830	708	2,798	0	0	0	0	0	0	2,798	0
0	1,829	103	0	1,829	103	1,932	0	0	0	1,829	0	0	1,829	103
0	2,645	0	0	1,430	1,215	2,645	0	0	0	589	695	0	2,645	0
0	1,782	0	0	866	916	1,782	0	0	0	0	0	0	1,247	535
0	1,799	0	730	0	1,069	1,799	0	0	0	1,154	0	0	1,799	0
0	2,653	1,122	0	3,427	348	3,775	0	0	774	2,653	0	0	2,653	1,122
0	1,181	0	0	1,181	0	1,181	0	0	0	1,181	0	0	1,181	0
0	1,320	371	0	1,320	371	1,691	0	0	371	1,320	0	0	890	801
0	2,203	6,716	628	6,987	1,304	8,919	0	0	3,148	2,769	0	0	2,203	6,716
0	0	16,308	1,070	6,104	9,134	16,308	0	0	3,269	1,923	0	0	0	16,308
0	369	17,222	703	15,292	1,596	17,043	548	0	1,596	3,307	0	0	369	17,222
0	12,088	26,059	5,922	29,278	2,947	38,147	0	0	2,022	7,207	421	0	9,039	29,108
0	0	14,805	0	7,733	7,072	14,217	588	0	6,951	892	0	0	0	14,805
0	0	7,658	1,358	4,840	1,460	5,527	2,131	0	0	4,835	0	0	0	7,658
0	8,250	9,696	4,816	9,382	3,748	17,946	0	0	1,758	0	0	0	7,227	10,719
0	6,294	1,158	1,762	4,611	1,079	7,452	0	0	0	0	245	0	4,253	3,199
0	9,637	809	2,884	6,899	663	10,010	436	0	0	2,348	0	0	7,184	3,262
0	10,225	4,418	1,227	12,700	716	14,643	0	0	716	8,147	0	0	7,096	7,547
0	10,115	0	805	8,153	1,157	10,115	0	0	0	1,620	0	0	5,877	4,238
0	15,889	0	528	9,579	5,782	15,889	0	0	0	376	528	0	10,655	5,234
0	13,939	5,345	6,009	9,748	3,527	19,284	0	0	3,231	3,999	0	0	12,127	7,157
0	136,847	130,115	37,186	161,908	67,868	260,782	6,180	0	37,043	61,827	1,889	0	111,686	155,276
0	4,253	2,212	956	4,833	676	6,465	0	0	1,011	1,600	0	0	3,974	2,491
0	407	406	0	813	0	813	0	0	0	0	0	0	407	406
0	4,397	0	370	4,027	0	4,397	0	0	0	0	0	0	4,397	0
0	2,576	0	730	1,846	0	2,424	152	0	0	498	0	0	2,201	375
0	4,380	0	1,959	2,421	0	4,380	0	0	0	0	0	0	4,380	0
0	6,301	0	867	5,434	0	6,301	0	0	0	0	0	0	6,301	0
0	3,071	0	929	2,142	0	3,071	0	0	0	0	0	0	3,071	0
0	2,944	746	2,944	510	236	3,690	0	0	746	1,113	0	0	2,944	746
0	5,396	10,400	6,101	8,226	1,469	11,926	3,870	0	5,481	8,229	292	0	4,626	11,170
0	4,201	0	1,413	2,479	309	4,201	0	0	0	582	0	0	4,201	0
0	5,953	0	1,676	4,277	0	5,953	0	0	0	0	0	0	5,953	0
0	2,111	0	314	1,797	0	2,111	0	0	0	0	0	0	2,111	0
0	4,846	0	2,658	2,188	0	4,846	0	0	0	0	0	0	4,846	0
0	2,772	0	282	2,003	487	2,772	0	0	0	0	0	0	2,772	0
0	1,924	0	1,345	579	0	1,924	0	0	0	0	0	0	1,924	0
0	4,674	0	0	4,674	0	4,674	0	0	0	464	0	0	3,499	1,175
0	5,184	0	0	5,184	0	4,608	576	0	0	1,496	0	0	2,077	3,107
0	4,829	0	0	2,815	2,014	4,375	454	0	0	2,571	353	0	2,184	2,645

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
5,799	6,144	0	0	0	11,943	8,596	8,037	3,906	0	0	2,452	6,144	429	2,918
5,346	2,008	0	0	0	8,354	2,454	2,008	6,346	0	0	2,454	0	2,251	3,649
3,154	1,096	0	0	0	4,250	1,441	1,096	3,154	0	0	345	0	0	2,809
1,516	10,406	0	0	0	11,922	2,297	8,608	3,314	0	0	0	434	0	9,625
858	2,089	0	0	0	2,947	2,089	2,455	492	0	0	0	0	0	858
2,375	665	0	0	0	3,040	418	665	2,375	0	0	418	0	1,661	961
7,155	545	0	0	0	7,700	3,956	4,395	3,305	0	0	0	0	1,271	2,473
2,090	708	0	0	0	2,798	2,798	540	2,258	0	0	2,090	708	0	0
1,829	103	0	0	0	1,932	103	1,288	644	0	0	0	0	0	1,829
1,430	1,215	0	0	0	2,645	1,381	0	2,645	0	0	166	1,215	0	1,264
866	916	0	0	0	1,782	1,782	0	1,782	0	0	866	916	0	0
730	1,069	0	0	0	1,799	645	0	1,799	0	0	0	645	730	424
3,427	348	0	0	0	3,775	348	2,200	1,575	0	0	0	0	0	3,427
1,181	0	0	0	0	1,181	0	1,181	0	0	0	0	0	0	1,181
1,320	371	0	0	0	1,691	0	371	1,320	0	0	0	0	0	1,691
7,615	1,304	0	0	0	8,919	300	4,039	4,880	0	0	1830	0	0	5,917
7,174	9,134	0	0	0	16,308	11,116	12,611	3,697	0	0	0	0	0	5,192
15,995	1,596	0	0	0	17,591	12,688	11,754	5,837	0	0	0	12,688	0	4,903
35,200	2,947	0	0	0	38,147	28,497	21,285	16,862	0	0	8,371	2,608	1,799	7,851
773	7,072	0	0	0	14,805	6,962	0	14,805	0	0	0	0	0	7,843
6,198	1,460	0	0	0	7,658	2,823	4,017	3,641	0	0	1,070	1,753	0	4,835
14,198	3,748	0	0	0	17,946	16,188	12,348	4,488	1,110	0	9,103	7,085	0	1,758
6,373	1,079	0	0	0	7,452	7,207	2,481	3,215	1,756	0	5,269	1,639	245	0
9,783	663	0	0	0	10,446	8,098	5,765	2,125	2,556	0	6,973	1,125	1,025	1,323
13,927	716	0	0	0	14,643	5,780	7,697	6,946	0	0	3,938	1,842	0	8,863
8,958	1,157	0	0	0	10,115	8,495	1,397	2,925	5,793	0	8,176	319	0	1,620
10,107	5,782	0	0	0	15,889	14,985	528	1,969	13,392	0	8,805	4,577	0	904
15,757	3,527	0	0	0	19,284	12,054	6,529	10,526	2,229	0	10,645	1,409	1,172	6,058
199,094	67,868	0	0	0	266,962	166,203	123,295	116,831	26,836	0	72,971	45,107	10,583	90,176
5,789	676	0	0	0	6,465	3,854	3,353	3,112	0	0	2,859	235	750	1,861
813	0	0	0	0	813	813	813	0	0	0	0	406	0	0
4,397	0	0	0	0	437	4,397	0	3,266	1,131	0	4,397	0	0	0
2,576	0	0	0	0	2,576	2,078	152	2,424	0	0	2,078	0	152	346
4,380	0	0	0	0	4,380	4,380	0	2,212	2,168	0	4,380	0	0	0
6,301	0	0	0	0	6,301	6,301	0	6,000	301	0	6,301	0	0	0
3,071	0	0	0	0	3,071	3,071	272	1,568	1,231	0	2,799	0	0	0
3,454	236	0	0	0	3,690	1,831	659	3,031	0	0	1,831	0	1,113	745
14,327	1,469	0	0	0	15,796	1,794	10,253	5,543	0	0	966	828	2,951	11,051
3,892	309	0	0	0	4,201	3,619	0	423	778	0	3,310	309	0	582
5,953	0	0	0	0	5,953	5,953	0	3,829	2,124	0	5,933	0	0	0
2,111	0	0	0	0	2,111	2,111	0	0	2,111	0	2,111	0	0	0
4,846	0	0	0	0	4,846	4,846	0	1,228	3,618	0	4,846	0	0	0
2,285	487	0	0	0	2,772	2,772	0	0	2,772	0	2,285	487	0	0
1,924	0	0	0	0	1,924	192	0	0	1,924	0	1,924	0	0	0
4,674	0	0	0	0	4,674	4,210	0	1,093	3,581	0	4,210	0	0	74
5,184	0	0	0	0	5,184	3,688	1,106	4,078	0	0	3,688	0	576	920
2,815	2,014	0	0	0	4,829	1,905	2,571	1,566	692	0	1,378	527	353	2,571

WATERSHED	MANAGE-MENT	ELEVATION		SLOPE		VEGETATION & LAND USE						REGULATION						
	UNIT	MAX. (m)	MIN. (m)	18%+ (ha)	18%− (ha)	FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICU-LTURE (ha)	OTHERS (ha)	TOTAL (ha)	FOREST LAND/A&D		FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVA-TION	RESETTL-EMENT PROJECT (ha)	NATIONAL PARK (ha)
												FOREST LAND (ha)	A & D (ha)					
I-1-A-2	19	1,600	380	1,898	226	1,083	24	0	1,017	0	2,124	2,124	0	213	0	0	0	0
I-1-A-2	20	2,000	800	2,271	0	2,271	0	0	0	0	2,271	2,271	0	125	0	0	0	0
I-1-A-2	21	2,100	500	2,998	0	853	0	0	2,145	0	2,998	2,999	0	290	0	0	0	0
I-1-A-2	22	1,900	340	3,467	0	484	132	0	2,851	0	3,467	3,467	0	3,467	0	0	0	0
I-1-A-2	23	2,100	80	26,021	2,734	5,656	5,956	422	16,473	248	28,755	27,039	1,712	28,755	0	0	0	6,910
I-1-A-2	24	1,300	300	3,189	0	145	0	492	2,552	0	3,189	3,189	0	3,189	0	0	0	0
I-1-A-2	25	2,100	500	4,944	0	3,527	0	0	1,417	0	4,944	4,943	0	4,871	0	0	0	3,764
I-1-A-2	26	2,000	800	1,704	0	1,671	0	33	0	0	1,704	1,704	0	1,618	0	0	0	1,705
I-1-A-2	27	2,400	700	11,829	0	7,472	0	0	4,357	0	11,829	11,829	0	11,141	0	0	0	8,137
I-1-A-2	28	2,300	360	14,672	0	7,200	0	0	7,472	0	14,672	13,429	1,246	14,678	0	0	0	0
I-1-A-2	29	2,500	640	15,954	0	11,461	0	0	4,493	0	15,954	15,955	0	15,954	0	0	0	0
I-1-A-2	30	2,300	360	8,738	0	967	0	0	7,525	246	8,738	7,332	1,409	8,738	0	0	0	0
I-1-A-2	31	1,900	300	16,510	0	6,260	205	2,146	7,899	0	16,510	15,781	730	15,471	0	0	0	0
I-1-A-2	32	2,500	460	15,367	708	9,300	0	139	5,954	182	16,075	16,076	0	16,076	0	0	0	0
I-1-A-2	33	2,500	1,300	7,197	0	7,162	35	0	0	0	7,197	7,197	0	7,198	0	0	0	0
I-1-A-2	34	2,500	900	7,598	793	3,079	28	506	4,778	0	8,391	8,391	0	8,391	0	0	0	0
I-1-A-2	35	2,700	600	19,948	509	9,198	0	475	10,784	0	20,457	20,458	0	20,397	0	0	0	0
I-1-A-2	36	1,800	720	3,677	0	344	306	0	3,027	0	3,677	3,676	0	3,676	0	0	0	0
I-1-A-2	37	2,100	800	6,319	0	3,081	441	0	797	0	6,319	6,319	0	6,319	0	0	0	0
I-1-A-2	38	2,100	600	10,319	0	9,145	0	0	1,174	0	10,319	10,319	0	8,377	0	0	0	0
I-1-A-2	39	2,600	1,000	10,367		8,180	0	0	2,187	0	1,367	10,364	0	9,634	0	0	0	0
I-1-A-2	40	2,700	700	13,324	0	9,918	0	817	2,589	0	13,324	13,326	0	13,264	0	0	0	0
I-1-A-2	41	2,700	900	30,025	267	11,823	230	896	17,288	0	30,292	30,293	0	26,498	0	0	0	0
I-1-A-2				297,621	29,938	142,383	21,641	13,031	149,052	1,452	327,559	315,885	11,674	292,383	0	0	0	20,516
I-2-B-1	01	1,300	60	10,530	28,260	5,637	396	29,893	2,864	0	38,790	29,595	9,195	16,643	0	0	0	0
I-2-B-1	02	1,000	240	6,053	1,278	424	0	6,719	188	0	7,331	7,331	0	1,462	0	0	0	0
I-2-B-1	03	640	120	5,436	7,706	370	904	11,064	155	649	13,142	12,066	1,076	12,980	0	0	0	0
I-2-B-1	04	500	140	784	4,509	146	65	5,038	0	44	5,293	4,425	867	775	0	0	0	0
I-2-B-1	05	900	120	6,761	4,557	742	929	7,615	2,032	0	11,318	8,156	3,164	1,709	0	0	0	0
I-2-B-1	06	1,100	170	13,778	9,227	1,287	795	15,137	4,374	1,412	23,005	20,983	2,013	22,776	0	0	0	0
I-2-B-1	07	1,700	180	22,783	45,197	5,546	3,448	21,959	31,150	5,877	67,980	23,647	44,328	67,980	0	0	0	0
I-2-B-1	08	1,250	200	1,812	3,422	0	1,212	522	3,395	105	5,234	1,110	4,123	5,232	0	0	0	0
I-2-B-1	10	800	170	5,430	2,352	200	0	6,806	776	0	7,782	7,223	558	7,783	0	0	0	0
I-2-B-1				73,367	106,508	14,352	7,749	104,753	44,934	8,087	179,875	114,536	65,326	137,340	0	0	0	0
I-2-B-2	01	2,600	540	7,313	0	2,203	730	1,293	3,087	0	7,313	6,830	484	7,215	0	0	0	0
I-2-B-2	02	2,600	540	6,301	0	947	0	2,197	3,157	0	6,301	5,839	464	6,124	0	0	0	0
I-2-B-2	03	2,000	500	5,412	1,105	745	1,912	1,218	2,642	0	6,517	5,562	959	6,218	0	0	0	0
I-2-B-2	04	2,000	340	5,281	0	0	0	2,606	2,675	0	5,281	4,049	1,230	5,270	0	0	0	0
I-2-B-2	05	2,700	140	16,647	0	3,353	0	1,724	11,570	0	16,647	16,646	0	16,624	0	0	0	0
I-2-B-2	06	2,100	380	9,662	0	41	0	2,034	7,587	0	9,662	9,549	115	9,661	0	0	0	0
I-2-B-2	07	1,300	300	4,976	0	0	0	4,188	788	0	4,976	4,915	60	4,976	0	0	0	0
I-2-B-2	08	1,300	300	4,174	0	77	64	3,305	728	0	4,174	4,103	71	4,165	0	0	0	0
I-2-B-2	09	900	250	5,600	360	456	0	5,109	395	0	5,960	5,892	66	5,957	0	0	0	0
I-2-B-2	11	1,100	250	3,157	580	0	0	1,621	2,116	0	3,737	3,705	32	3,737	0	0	0	0
I-2-B-2	12	1,500	420	7,840	536	0	0	1,477	6,809	90	8,376	8,372	0	8,372	0	0	0	0

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
0	1,898	226	367	1,757	0	2,124	0	0	0	0	0	0	1,510	614
0	2,271	0	378	1,893	0	2,271	0	0	0	0	0	0	2,271	0
0	2,999	0	296	2,703	0	2,999	0	0	0	0	0	0	2,999	0
0	3,467	0	549	2,918	0	3,467	0	0	0	0	0	0	3,093	374
0	28,751	0	8,703	13,010	7,038	28,413	338	0	0	5,698	318	0	21,562	7,189
0	3,189	0	1,272	1,917	0	2,771	418	0	0	0	418	0	1,391	1,798
0	4,943	0	1,364	3,579	0	4,943	0	0	0	0	0	0	4,943	0
0	1,704	0	0	1,704	0	1,704	0	0	0	0	0	0	1,704	0
0	11,830	0	1,635	9,334	861	11,741	89	0	0	0	941	0	11,437	393
0	14,679	0	5,279	9,400	0	14,679	0	0	0	0	0	0	10,449	4,230
0	15,955	0	8,034	5,591	2,330	15,955	0	0	0	0	0	0	13,147	2,808
0	8,738	0	4,833	3,905	0	8,738	0	0	0	0	0	0	5,234	3,504
0	16,510	0	7,558	8,952	0	16,510	0	0	0	0	2,414	0	12,957	3,553
0	16,076	0	7,186	8,890	0	14,989	1,087	0	0	0	3,730	0	10,926	5,150
0	7,197	0	2,255	4,310	632	7,197	0	0	0	0	0	0	7,197	0
0	8,391	0	3,830	4,561	0	7,919	472	0	0	0	0	0	3,992	4,399
0	20,458	0	11,404	9,054	0	18,746	1,712	0	0	0	2,221	0	14,014	6,444
0	3,676	0	45	2,731	0	3,448	228	0	0	0	0	0	569	3,107
0	6,319	0	0	6,319	0	6,319	0	0	0	0	677	0	4,402	1,917
0	10,319	0	5,247	5,072	0	10,319	0	0	0	0	0	0	10,319	0
0	10,364	0	2,360	839	165	10,364	0	0	0	0	0	0	8,813	1,551
0	13,327	0	6,078	7,249	0	13,007	320	0	0	0	2,106	0	10,890	2,437
0	30,293	0	7,658	18,750	3,885	27,897	2,396	0	0	554	0	0	14,729	15,564
0	313,573	13,990	109,775	197,686	20,102	315,451	12,112	0	7,238	22,805	13,470	0	240,416	87,147
0	11,329	27,465	0	18,994	19,800	33,845	4,949	0	13,847	19,987	3,013	0	10,695	28,099
0	6,055	1,276	0	7,331	0	4,821	2,510	0	0	5,226	2,105	0	6,055	1,276
0	6,897	6,248	0	12,263	882	10,034	3,111	0	882	11,504	609	0	6,897	6,248
0	785	4,508	0	4,880	41	4,201	1,092	0	413	4,880	0	0	785	4,508
0	5,928	5,392	0	10,573	747	8,495	2,825	0	0	7,722	1,596	0	5,928	5,392
0	14,150	8,852	360	19,208	3,434	19,860	3,142	0	6,526	7,877	4,135	0	13,695	9,307
0	23,950	44,025	7,463	40,492	20,020	49,532	18,443	0	12,699	10,059	2,934	0	23,950	44,025
0	1,812	3,420	0	1,812	3,420	677	4,555	0	0	0	574	0	1,812	3,420
4,567	3,217	0	0	7,784	0	7,784	0	0	3,217	4,567	0	0	7,784	0
4,567	74,123	101,186	7,823	123,337	48,716	139,249	40,627	0	37,584	1,822	14,96	0	77,601	102,275
7,313	0	0	1,834	3,945	1,534	7,313	0	0	0	0	1,803	540	6,773	0
6,304	0	0	3,723	2,581	0	6,304	0	0	0	284	1,667	0	6,304	0
5,416	1,106	0	4,027	2,495	0	6,522	0	0	1,106	1,183	1,738	0	5,416	1,106
5,278	0	0	4,834	444	0	5,278	0	0	0	0	2,230	0	5,278	0
16,646	0	0	10,886	5,760	0	16,646	0	0	0	0	949	2,018	14,628	0
9,492	172	0	5,438	4,226	0	9,664	0	0	0	0	2,071	895	8,769	0
4,975	0	0	2,912	2,063	0	4,975	0	0	0	0	4,018	0	4,975	0
4,175	0	0	4,156	19	0	4,175	0	0	0	3,442	733	0	4,175	0
5,597	360	0	614	5,343	0	5,957	0	0	0	4,867	607	0	5,957	0
3,157	580	0	3,390	347	0	3,737	0	0	0	0	1,723	0	3,737	0
7,836	536	0	4,522	3,850	0	8,372	0	0	0	344	439	396	7,440	536

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
2,124	0	0	0	0	2,124	2,124	0	388	1,736	0	1,898	226	0	0
2,271	0	0	0	0	2,271	2,271	0	0	2,271	0	2,271	0	0	0
2,999	0	0	0	0	2,999	2,999	0	0	2,999	0	2,999	0	0	0
3,467	0	0	0	0	3,467	3,467	0	825	2,642	0	3,467	0	0	0
21,713	7,038	0	0	0	28,751	22,735	5,462	9,913	13,376	0	16,089	4,710	1,076	4,940
3,189	0	0	0	0	3,189	2,771	0	1,284	1,905	0	2,330	0	418	0
4,943	0	0	0	0	4,943	4,943	0	0	4,943	0	4,943	0	0	0
1,704	0	0	0	0	1,704	1,704	0	0	1,704	0	1,704	0	0	0
10,969	861	0	0	0	11,830	10,889	0	0	11,830	0	10,028	861	434	507
14,679	0	0	0	0	14,679	14,679	0	2,677	12,002	0	13,291	0	0	0
13,625	2,330	0	0	0	15,955	15,955	0	0	15,955	0	13,625	2,330	0	0
8,738	0	0	0	0	8,738	8,738	1,731	2,489	4,518	0	7,891	0	0	0
16,510	0	0	0	0	16,510	14,096	2,152	5,468	8,890	0	14,096	0	1,857	557
16,076	0	0	0	0	16,076	12,346	1,118	392	14,566	0	11,162	0	2,947	783
6,565	632	0	0	0	7,197	7,197	0	0	7,197	0	6,565	632	0	0
8,391	0	0	0	0	8,391	8,391	0	0	8,391	0	4,925	0	0	0
20,458	0	0	0	0	20,458	18,237	0	0	20,458	0	13,358	0	1,568	653
3,676	0	0	0	0	3,676	3,676	0	0	3,676	0	2,359	0	0	0
6,319	0	0	0	0	6,319	5,642	0	0	6,319	0	5,642	0	0	677
10,319	0	0	0	0	10,319	10,319	0	0	10,319	0	10,319	0	0	0
10,199	165	0	0	0	10,364	10,364	0	0	10,364	0	10,199	165	0	0
13,327	0	0	0	0	13,327	11,221	0	0	13,327	0	9,702	0	578	1,528
26,408	3,885	0	0	0	30,293	29,739	0	0	30,293	0	16,167	1,913	0	554
307,461	20,102	0	0	0	327,563	284,050	29,642	65,809	232,112	0	240,346	13,629	14,773	28,740
18,994	19,800	0	0	0	38,794	1,947	10,936	27,858	0	0	1,293	352	0	36,847
7,331	0	0	0	0	7,331	0	0	7,331	0	0	0	0	2,510	4,821
12,263	882	0	0	0	13,145	150	5471	7,674	0	0	0	0	2,772	10,223
4,880	413	0	0	0	5,293	0	0	5,293	0	0	0	0	785	4,508
10,573	747	0	0	0	11,320	2,002	3,685	7,635	0	0	855	550	2,202	7,116
19,568	3,434	0	0	0	23,002	4,464	13,087	9,915	0	0	3,020	1,444	1,273	17,265
47,956	20,020	0	0	0	67,975	42,283	44,787	23,188	0	0	9,528	2,773	10,238	15,454
1,812	3,420	0	0	0	5,232	4,658	3,420	1,812	0	0	1,238	0	574	0
7,784	0	0	0	0	7,784	0	0	7,784	0	0	0	0	4,567	3,217
131,160	48,716	0	0	0	179,876	55,504	91,386	98,490	0	0	15,934	5,119	24,921	99,451
5,779	1,534	0	0	0	7,313	5,510	0	444	6,869	1,834	3,676	0	1,803	0
6,304	0	0	0	0	6,304	4,353	0	787	5,517	2,337	2,016	0	1,951	0
6,522	0	0	0	0	6,522	2,495	0	2,681	3,841	0	2,495	0	4,027	0
5,278	0	0	0	0	5,278	3,048	0	3,166	2,112	1,815	444	0	2,230	0
16,646	0	0	0	0	16,646	15,697	1,117	1,272	14,257	7,252	5,312	0	949	0
9,664	0	0	0	0	9,664	7,593	0	3,379	6,282	2,942	2,860	0	2,071	0
4,975	0	0	0	0	4,975	957	400	4,575	0	303	654	0	4,018	0
4,175	0	0	0	0	4,175	0	0	4,175	0	0	0	0	4,175	0
5,957	0	0	0	0	5,957	483	0	5,957	0	0	483	0	5,114	360
3,737	0	0	0	0	3,737	2,014	0	3,737	0	1,434	580	0	1,723	0
8,372	0	0	0	0	8,372	7,589	1,410	2,997	3,965	3,203	3,338	0	783	0

WATERSHED	MANAGE-MENT	ELEVATION		SLOPE		VEGETATION & LAND USE						REGULATION						
	UNIT	MAX. (m)	MIN. (m)	18%+ (ha)	18%− (ha)	FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICU-LTURE (ha)	OTHERS (ha)	TOTAL (ha)	FOREST LAND/A&D		FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVA-TION	RESETTL-EMENT PROJECT (ha)	NATIONAL PARK (ha)
												FOREST LAND (ha)	A & D (ha)					
I-2-B-2	13	1,500	420	3,580	0	57	0	1,089	2,434	0	3,580	3,032	546	3,579	0	0	0	0
I-2-B-2	14	1,600	520	3,308	0	1,083	0	576	1,649	0	3,308	3,310	0	3,310	0	0	0	0
I-2-B-2	15	2,600	700	4,320	0	1,167	106	0	3,047	0	4,320	4,320	0	4,321	0	0	0	0
I-2-B-2	16	2,700	900	7,312	0	2,850	229	0	4,233	0	7,312	7,313	0	6,812	0	0	0	0
I-2-B-2	17	2,700	900	7,729	0	4,991	0	0	2,738	0	7,729	7,727	0	7,408	0	0	0	0
I-2-B-2	18	1,900	380	7,190	0	1,646	668	1,368	3,508	0	7,190	6,431	758	7,187	0	0	0	0
I-2-B-2	19	1,700	380	7,729	0	1,912	1,736	0	4,081	0	7,729	6,739	985	7,726	0	0	0	0
I-2-B-2	20	1,900	580	11,631	0	3,780	526	273	7,052	0	11,631	11,623	11	11,634	0	0	0	0
I-2-B-2	21	2,800	960	6,267	0	4,672	38	0	1,427	80	6,267	6,266	0	5,819	0	0	0	0
I-2-B-2	22	2,700	960	6,815	0	2,757	0	231	3,735	92	6,815	6,814	0	6,620	0	0	0	0
I-2-B-2	23	2,500	590	12,173	0	2,650	1,413	2,495	5,375	240	12,173	12,178	0	11,492	0	0	0	0
I-2-B-2	24	1,500	440	2,956	0	0	217	0	2,739	0	2,956	2,953	0	2,958	0	0	0	0
I-2-B-2	25	1,500	430	7,700	0	28	3,797	0	3,875	0	7,700	7,697	1	7,698	0	0	0	0
I-2-B-2	26	2,000	450	8,941	843	0	4,759	0	5,025	0	9,784	9,131	657	9,788	0	0	0	0
I-2-B-2	27	1,460	240	13,961	2,420	783	1,233	2,627	11,432	306	16,381	12,861	3,521	16,294	0	0	0	0
I-2-B-2	28	1,700	260	5,541	1,204	0	199	1,004	5,498	44	6,745	5,093	1,650	6,742	0	0	0	0
I-2-B-2	29	1,500	300	9,069	1,694	1,793	261	3,988	4,721	0	10,763	8,682	2,085	10,533	0	0	0	0
I-2-B-2	30	1,500	340	8,989	1,369	0	674	5,627	4,057	0	10,358	7,992	2,367	9,986	0	0	0	0
I-2-B-2	31	1,500	340	7,941	5,210	354	0	5,020	7,777	0	13,151	10,254	2,893	12,796	0	2	0	0
I-2-B-2	32	1,400	360	5,505	2,500	490	0	4,497	2,784	234	8,005	6,899	1,101	8,001	0	201	0	0
I-2-B-2	33	1,300	360	4,588	4,513	1,696	365	4,121	2,530	389	9,101	6,302	2,796	9,099	0	0	0	0
I-2-B-2	34	1,580	460	6,666	638	2,355	624	3,438	861	26	7,304	5,676	1,627	7,304	0	0	0	0
I-2-B-2	35	1,700	520	2,036	0	302	0	397	1,337	0	2,036	1,383	652	2,037	0	0	0	0
I-2-B-2	36	1,700	520	6,803	0	2,170	0	2,136	2,497	0	6,803	5,975	829	6,802	0	0	0	0
I-2-B-2	37	1,580	520	3,013	0	0	0	1,653	1,360	0	3,013	2,576	437	3,013	0	0	0	0
I-2-B-2	38	1,500	340	5,981	2,983	0	616	5,802	2,409	137	8,964	5,641	3,326	8,967	0	0	0	0
I-2-B-2	39	1,980	520	6,432	0	0	673	3,536	2,187	36	6,432	5,994	439	6,434	0	0	0	0
I-2-B-2	40	2,160	800	2,364	0	0	0	1,791	573	0	2,364	2,363	0	2,198	0	0	0	0
I-2-B-2	41	1,660	380	2,357	0	0	127	1,529	701	0	2,357	1,910	446	2,35	0	0	0	0
I-2-B-2	42	1,660	340	4,835	0	392	0	2,110	2,207	126	4,835	4,306	528	4,834	0	0	0	0
I-2-B-2	43	1,500	580	4,396	0	1,69	393	1,390	917	0	4,396	3,319	1,077	4,390	0	0	0	0
I-2-B-2				274,491	25,955	47,446	21,410	83,470	146,320	1,800	300,446	268,227	32,213	296,460	0	203	0	0
II-1-A-1	01	340	0	200	24,964	1,727	8,881	2,762	10,105	1,689	25,164	4,936	20,231	0	0	0	0	0
II-1-A-1	02	800	10	3,630	9,946	5,129	4,109	564	3,508	266	13,576	7,199	6,377	201	0	0	0	0
II-1-A-1	03	320	10	303	9,542	3,689	595	2,47	2,395	219	9,845	5,521	4,323	0	0	0	0	0
II-1-A-1	04	70	0	0	7,883	189	1,616	610	3,816	1,652	7,883	439	7,445	468	0	0	0	0
II-1-A-1	05	380	10	0	5,080	3,103	1,663	314	0	0	5,080	2,297	2,783	1,139	0	0	0	0
II-1-A-1	06	240	10	0	6,553	1,938	777	1,286	1,973	579	6,553	1,386	5,165	0	0	0	0	0
II-1-A-1	07	480	30	1,072	14,349	5,641	2,427	1,085	5,556	712	15,421	6,728	8,695	0	0	0	0	0
II-1-A-1	08	240	10	0	4,258	1,704	322	1,078	1,086	68	4,258	2,542	1,719	0	0	0	0	0
II-1-A-1	09	180	10	0	5,399	2,241	36	1,219	1,470	433	5,399	2,300	3,100	0	0	0	0	0
II-1-A-1	10	300	10	21	22,280	4,780	6,728	2,632	7,587	844	22,571	7,047	16,043	0	0	0	0	0
II-1-A-1	11	300	20	790	2,179	923	1,936	0	110	0	2,969	2,166	915	0	0	0	0	0
II-1-A-1	12	300	20	157	2,737	189	1,833	646	226	0	2,894	1,007	1,927	0	0	0	0	0
II-1-A-1				6,443	115,170	31,253	30,923	15,143	37,832	6,462	121,613	43,568	78,723	1,808	0	0	0	0

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
3,579	0	0	2,842	737	0	3,579	0	0	0	502	0	737	2,842	0
3,310	0	0	3,310	0	0	3,310	0	0	0	320	0	0	3,310	0
4,320	0	0	3,354	966	0	4,320	0	0	0	0	0	966	3,354	0
7,313	0	0	5,201	2,112	0	7,313	0	0	0	0	139	2,268	5,045	0
7,727	0	0	6,990	737	0	7,727	0	0	0	0	0	1,792	5,935	0
7,187	0	0	4,649	1,225	1,313	7,187	0	0	0	1,242	0	1,313	5,874	0
7,727	0	0	5,785	1,942	0	7,727	0	0	0	326	540	1,086	6,641	0
11,634	0	0	8,920	2,714	0	11,634	0	0	0	0	0	3,740	7,894	0
6,266	0	0	4,673	1,593	0	6,266	0	0	0	0	0	2,701	2,774	791
6,814	0	0	5,777	1,037	0	6,814	0	0	0	0	0	798	4,927	1,089
12,178	0	0	7,884	4,294	0	12,178	0	0	0	1,563	3,668	1,187	8,690	2,301
2,958	0	0	1,428	1,530	0	2,958	0	0	0	0	0	0	2,958	0
7,698	0	0	3,554	4,144	0	7,698	0	0	0	1,168	2,436	0	7,698	0
8,944	844	0	6,352	3,436	0	9,788	0	0	844	1,663	2,748	0	8,944	844
10,617	5,762	0	2,791	7,826	5,762	16,379	0	0	1,978	63	523	4,154	10,063	2,162
4,388	1,449	906	481	4,339	1,923	6,743	0	0	836	0	0	1,251	4,586	906
6,852	3,280	635	3,493	3,994	3,280	10,545	222	0	669	4,313	0	0	9,85	902
5,060	4,818	480	3,263	4,451	2,644	10,358	0	0	480	3,659	2,497	0	7,995	2,363
5,610	7,319	219	2,080	4,475	6,293	13,148	0	0	420	4,611	0	2,942	9,987	219
3,978	4,023	0	0	3,978	4,023	8,001	0	0	680	3,702	1,118	0	6,736	1,265
3890	5,209	0	1,817	2,073	5,209	9,099	0	0	0	5,239	409	0	9,099	0
4,954	2,349	0	4,669	1,765	869	7,303	0	0	0	2,235	2,117	0	6,422	881
1,587	449	0	1,744	292	0	2,036	0	0	0	0	686	609	1,427	0
5,670	1,132	0	3,339	3,463	0	6,802	0	0	0	0	2,247	2,282	4,520	0
2,421	592	0	2,117	396	0	3,013	0	0	0	427	1,344	0	3,013	0
3,655	5,069	243	5,337	2,501	1,129	8,967	0	0	2,436	3,972	2,136	0	8,539	428
4,368	2,066	0	2,508	3,481	445	6,434	0	0	0	267	4,635	20	4,539	1,875
920	1,443	0	923	1,440	0	2,363	0	0	0	0	1,957	0	2,363	0
2,358	0	0	731	1,627	0	2,358	0	0	0	731	1,627	0	2,358	0
4,404	430	0	1,437	3,397	0	4,834	0	0	0	1,992	309	1,218	3,616	0
1,913	2,482	0	681	2,099	1,615	4,395	0	0	0	393	0	0	3,335	1,060
246,489	51,470	2,483	154,466	109,937	36,039	300,220	222	0	9,449	48,438	49,114	32,913	243,801	18,728
0	0	25,168	0	15,537	9,631	0	25,168	0	0	16,071	0	0	0	25,168
0	2,090	11,488	0	1,563	12,015	4,722	8,388	468	1,221	4,933	2,231	0	2,090	11,488
0	0	9,846	0	735	9,111	,359	5,487	0	2,240	1,164	0	0	0	9,846
0	0	7,884	0	0	7,884	7,884	0	0	0	0	0	0	0	7,884
0	0	5,081	0	621	4,460	5,081	0	0	0	0	0	0	0	5,081
0	0	6,551	0	0	6,551	6,551	0	0	0	0	0	0	0	6,551
0	1,072	14,350	0	2,500	12,922	3,137	12,285	0	899	980	0	0	1,072	14,350
0	0	4,261	0	1,537	2,724	2,489	1,772	0	0	612	0	0	0	4,261
0	0	5,401	0	0	5,40	470	4,931	0	470	517	0	0	0	5,401
0	0	23,094	0	1,637	21,457	673	22,421	0	673	12,117	0	0	0	23,094
0	0	3,082	0	0	3,082	0	3,082	0	0	2,292	790	0	0	3,082
0	0	2,930	0	0	,930	0	2,930	0	0	2,930	0	0	0	2,930
0	3,162	119,136	0	24,130	98,168	35,366	86,464	468	5,503	41,616	3,021	0	3,162	119,136

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
3,579	0	0	0	0	3,579	3,077	1,350	502	1,727	2,340	737	0	502	0
3,310	0	0	0	0	3,310	2,990	0	0	3,310	2,990	0	0	320	0
4,320	0	0	0	0	4,320	4,320	0	0	4,320	3,354	966	0	0	0
7,313	0	0	0	0	7,313	7,174	0	0	7,313	5,201	1,973	0	139	0
7,727	0	0	0	0	7,727	7,727	0	0	7,727	6,990	737	0	0	0
5,874	1,313	0	0	0	7,187	5,945	0	1,781	5,406	3,407	2,538	0	1,242	0
7,727	0	0	0	0	7,727	6,861	0	375	7,352	4,919	1,942	0	866	0
11,634	0	0	0	0	11,634	11,634	0	806	10,828	8,920	2,714	0	0	0
6,266	0	0	0	0	6,266	6,266	0	0	6,266	4,673	1,593	0	0	0
6,814	0	0	0	0	6,814	6,814	0	0	6,814	5,777	1,037	0	0	0
12,178	0	0	0	0	12,178	6,947	0	174	12,004	4,212	2,735	0	5,231	0
2,958	0	0	0	0	2,958	2,958	0	1,405	1,553	1,428	1,530	0	0	0
7,698	0	0	0	0	7,698	3,794	612	2,220	4,856	1,023	2,663	0	3,904	0
9,788	0	0	0	0	9,788	4,533	0	330	9,458	2,766	1,767	0	4,411	844
10,617	5,762	0	0	0	16,379	13,185	3,755	9,525	3,099	2,791	7,234	3,160	592	2,602
4,820	1,923	0	0	0	6,743	5,907	1,288	2,725	2,730	481	4,339	889	0	836
7,487	3,280	0	0	0	10,767	5,785	6,689	2,171	1,907	2,052	1,154	1,143	2,637	2,345
7,714	2,644	0	0	0	10,358	3,722	5,763	2,499	2,096	418	1,867	330	4,140	2,496
6,855	6,293	0	0	0	13,148	8,117	4,827	5,455	2,866	2,080	4,209	1,609	0	5,031
3,978	4,023	0	0	0	8,001	2,501	3,833	1,171	2,997	0	1,256	464	2,722	2,778
3,890	5,209	0	0	0	9,099	3,451	6,300	0	2,799	682	2,073	0	1,135	4,513
6,434	869	0	0	0	7,303	2,951	2,492	712	4,099	1,380	1,343	0	3,483	869
2,036	0	0	0	0	2,036	1,350	0	978	1,058	609	741	0	686	0
6,802	0	0	0	0	6,802	4,555	0	318	6,484	2,037	2,518	0	1,929	318
3,013	0	0	0	0	3,013	1,242	752	0	2,261	1,242	0	0	1,179	592
7,838	1,129	0	0	0	8,967	1,423	6,306	527	2,134	527	711	0	4,452	3,092
5,989	445	0	0	0	6,434	1,532	1,313	494	4,627	540	547	445	3,281	1,621
2,363	0	0	0	0	2,363	406	0	0	2,363	0	406	0	920	1,037
2,358	0	0	0	0	2,358	0	731	0	1,627	0	0	0	2,358	0
4,834	0	0	0	0	4,834	2,533	1,107	1,006	2,721	0	2,533	0	2,301	0
2,780	1,615	0	0	0	4,395	4,002	0	0	4,395	681	2,099	1,222	0	393
264,403	36,039	0	0	0	300,442	193,441	50,045	68,344	182,053	94,640	77,820	9,262	77,274	29,727
15,537	9,631	0	0	0	25,168	9,097	23,461	1,707	0	0	0	2,102	0	16,071
1,563	12,015	0	0	0	13,578	5,193	8,121	5,457	0	0	0	1,041	1,304	7,081
735	9,111	0	0	0	9,846	6,442	4,725	5,121	0	0	0	3,836	0	3,404
0	7,884	0	0	0	7,884	7,884	7,884	0	0	0	0	0	0	0
621	4,460	0	0	0	5,081	5,081	3,934	1,147	0	0	0	,081	0	0
0	6,551	0	0	0	6,551	6,551	5,881	670	0	0	0	670	0	0
2,500	12,922	0	0	0	15,422	13,543	9,407	6,015	0	0	2,592	2,238	0	1,879
1,537	2,724	0	0	0	4,261	3,649	2,489	1,772	0	0	1,160	0	0	512
0	5,401	0	0	0	5,401	4,414	2,981	2,420	0	0	0	1,908	0	987
1,637	21,457	0	0	0	23,094	10,304	15,570	7,524	0	0	443	5,482	0	12,790
0	3,082	0	0	0	3,082	0	782	2,300	0	0	0	0	0	3,082
0	2,930	0	0	0	2,930	0	1,425	1,505	0	0	0	0	0	2,930
24,130	98,168	0	0	0	122,298	72,158	86,660	35,638	0	0	4,195	22,353	1,304	48,836

WATERSHED	MANAGEMENT	ELEVATION		SLOPE		VEGETATION & LAND USE						REGULATION						
	UNIT	MAX. (m)	MIN. (m)	18%+ (ha)	18%− (ha)	FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICULTURE (ha)	OTHERS (ha)	TOTAL (ha)	FOREST LAND/A&D		FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVATION	RESETTLEMENT PROJECT (ha)	NATIONAL PARK (ha)
												FOREST LAND (ha)	A & D (ha)					
II-1-A-2	01	200	10	0	14,074	721	0	4,716	8,028	609	14,074	2,434	11,706	84	0	0	0	0
II-1-A-2	02	400	10	0	52,958	8,287	0	20,758	22,004	1,909	52,958	20,030	33,190	9,140	121	0	0	0
II-1-A-2	03	300	10	0	7,098	0	0	4,139	2,819	140	7,098	442	5,671	0	0	0	0	0
II-1-A-2	04	300	10	0	8,966	0	1,257	2,857	4,532	320	8,966	2,178	6,274	0	0	0	0	0
II-1-A-2	05	460	10	230	17,164	2,150	556	7,804	4,495	2,389	17,394	1,894	20,737	3,635	0	0	0	0
II-1-A-2	06	400	40	0	2,863	30	0	1,843	190	0	2,863	2,432	485	1,322	0	0	0	0
II-1-A-2	07	300	60	1,129	1,892	1,370	0	1,507	144	0	3,021	2,607	430	46	0	0	0	0
II-1-A-2	08	160	10	0	1,532	175	0	826	531	0	1,532	0	1,215	255	0	0	0	0
II-1-A-2	09	800	40	692	8,913	1,753	1,010	2,338	4,504	0	9,605	2,231	3,415	722	0	0	0	0
II-1-A-2	10	130	10	0	2,740	0	0	1,693	778	269	2,740	0	2,907	0	0	0	0	0
II-1-A-2	11	440	10	761	16,496	1,035	0	7,275	6,608	2,339	17,257	7,068	10,186	0	0	0	0	0
II-1-A-2	12	200	10	0	17,706	444	0	5,184	10,236	1,842	17,706	930	17,881	629	121	0	0	0
II-1-A-2	13	300	60	0	7,063	645	0	5,128	1,290	0	7,063	6,404	661	448	0	0	0	0
II-1-A-2	14	300	10	847	18,790	1,065	0	10,131	7,871	570	19,637	8,512	11,124	0	0	0	0	0
II-1-A-2	15	300	80	0	10,902	714	0	7,601	2,587	0	10,902	7,196	3,709	94	0	0	0	0
II-1-A-2	16	440	30	1,331	1,449	1,665	0	16,043	14,617	455	32,780	13,890	18,891	0	0	0	0	0
II-1-A-2	17	240	40	0	6,911	61	0	6,190	660	0	6,911	1,758	5,152	0	0	0	0	0
II-1-A-2	18	240	20	0	17,513	154	0	8,453	8,178	728	17,513	9,037	8,477	0	0	0	0	0
II-1-A-2	19	600	20	851	11,933	270	178	4,170	6,647	1,519	12,784	2,165	10,616	0	0	0	0	0
II-1-A-2	20	140	30	0	5,161	0	0	2,044	2,816	301	5,161	729	4,431	0	0	0	0	0
II-1-A-2	21	300	30	2,173	49,756	52	0	19,460	30,801	1,136	51,929	10,740	41,192	3,573	0	0	0	0
II-1-A-2	22	160	30	0	4,142	0	0	2,556	1,535	51	4,142	1,303	2,841	0	0	0	0	0
II-1-A-2				8,014	316,022	21,871	3,001	14,716	141,871	14,577	324,036	103,980	221,191	19,948	242	0	0	0
II-1-A-3	01	400	30	0	48,405	1,346	0	3,646	39,837	3,576	48,405	4,101	44,307	2,326	0	0	0	0
II-1-A-3	02	511	30	0	97,144	1,386	5,532	5,225	79,306	5,695	97,144	5,467	91,677	5	0	0	0	0
II-1-A-3				0	145,549	2,732	5,532	8,871	119,143	9,271	145,549	9,568	135,984	2,331	0	0	0	0
II-2-B-1	01	120	30	0	20,700	0	1,954	4,263	13,847	636	20,700	1,437	19,263	0	0	0	0	0
II-2-B-1	02	140	30	0	10,832	379	3,269	59	7,125	0	10,832	250	10,582	0	0	0	0	0
II-2-B-1	03	220	60	0	8,056	0	7,618	0	438	0	8,056	3,234	4,821	0	0	0	0	0
II-2-B-1	04	220	40	0	13,961	0	11,145	0	2,316	0	13,961	571	13,391	0	0	0	0	0
II-2-B-1	05	300	60	0	6,425	3,259	3,166	0	0	0	6,425	3,173	3,250	0	0	0	0	0
II-2-B-1	06	300	60	907	5,587	653	3,733	0	108	0	6,494	4,693	1,803	0	0	0	0	0
II-2-B-1	07	513	40	356	9,944	1,982	7,678	0	640	0	10,300	3,761	6,537	0	0	0	0	0
II-2-B-1	08	150	40	0	5,365	184	1,300	294	3,587	0	5,365	57	5,309	0	0	0	0	0
II-2-B-1	09	350	150	0	3,946	1,110	2,373	0	463	0	3,946	1,409	2,536	0	0	0	0	0
II-2-B-1	10	980	80	3,296	12,489	3,888	4,655	0	6,612	630	15,785	5,335	10,451	0	0	0	0	0
II-2-B-1	11	900	60	5,044	23,215	951	692	3,638	22,006	972	28,259	2,044	26,211	147	0	0	0	0
II-2-B-1	12	850	8	2,689	4,083	301	733	1,739	3,999	0	6,772	2,038	4,739	0	0	0	0	0
II-2-B-1	13	900	60	6,299	21,978	475	3,730	3,557	20,515	0	28,277	7,478	20,803	186	0	0	0	0
II-2-B-1	14	1,100	170	8,123	1,565	0	4,810	0	4,878	0	9,688	7,718	1,971	1,097	0	0	0	0
II-2-B-1	15	500	100	2,541	5,778	411	3,498	967	3,422	21	8,319	2,877	5,447	0	0	0	0	0
II-2-B-1	16	800	9	1,733	17,168	1,463	1,994	1,401	13,568	475	18,901	5,689	13,211	0	0	0	0	0
II-2-B-1	17	700	80	1,190	18,151	2,697	5,021	1,177	9,055	1,391	19,341	3,638	15,707	2,385	0	0	0	0
II-2-B-1	18	1,000	90	3,394	2,010	2,102	1,448	300	1,496	58	5,404	3,562	1,837	744	0	0	0	0
II-2-B-1	19	1,600	28	8,353	558	3,688	1,368	308	3,047	500	8,911	8,562	346	3,758	0	0	0	0

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
0	0	14,141	0	0	14,141	727	13,414	0	435	2,623	0	0	0	14,141
0	0	53,219	0	20,757	32,462	40,763	12,456	0	4,634	9,376	0	0	0	53,219
0	0	6,113	0	0	6,113	0	6,113	0	5,212	901	0	0	0	6,113
0	0	8,453	0	0	8,453	0	8,453	0	27	2,004	0	0	0	8,453
0	0	2,631	0	2,375	20,256	13,798	8,603	230	10,467	4,094	230	0	0	22,631
0	0	2,917	0	0	2,917	2,917	0	0	1,533	0	0	0	0	2,917
0	1,106	1,931	843	0	2,194	1,088	1,949	0	517	1,839	0	0	1,106	1,931
0	0	1,215	0	0	1,215	0	1,215	0	0	999	0	0	0	1,215
0	692	4,953	656	0	4,989	4,561	1,084	0	1,274	2,186	0	0	692	4,953
0	0	2,907	0	0	2,907	2,029	878	0	2,029	878	0	0	0	2,907
0	1,296	15,957	538	2,603	14,112	13,416	3,837	0	1,578	6,046	0	0	675	16,578
0	0	18,812	0	0	18,812	10,858	7,954	0	0	1,233	0	0	0	18,812
0	0	7,063	0	642	6,421	1,663	5,400	0	3,856	2,584	0	0	0	7,063
0	846	18,790	0	0	19,636	14,386	5,250	0	3,459	3,770	0	0	846	18,790
0	0	10,907	0	5,297	5,610	2,864	8,043	0	6,502	3,113	0	0	0	10,907
0	0	32,781	0	0	32,781	17,351	15,430	0	6,080	5,755	599	0	0	32,781
0	0	6,910	0	0	6,910	0	6,910	0	4,735	2,175	0	0	0	6,910
0	0	17,514	0	0	17,514	2,392	15,122	0	3,287	1,271	0	0	0	17,514
0	851	11,932	851	814	11,118	11,011	1,772	0	0	2,430	0	0	851	11,932
0	0	5,160	0	0	5,160	4,074	1,086	0	0	1,086	0	0	0	5,160
0	0	51,934	0	0	51,934	40,609	9,929	1,396	0	9,189	2,136	0	0	51,934
0	0	4,143	0	0	4,143	3,441	702	0	3,925	218	0	0	0	4,143
0	4,791	320,383	2,888	32,488	289,798	187,948	135,600	1,626	59,802	63,770	2,965	0	4,170	321,004
0	0	48,405	0	0	48,405	44,302	4,103	0	304	3,447	0	0	0	48,405
0	0	97,144	0	0	97,144	43,552	53,592	0	2,679	0	0	0	0	97,144
0	0	145,549	0	0	145,549	87,854	57,695	0	2,983	3,447	0	0	0	145,549
0	0	20,700	0	118	20,582	20,700	0	0	0	118	0	0	0	20,700
0	0	10,833	0	747	10,086	10,833	0	0	10,086	747	0	0	0	10,833
0	0	8,056	0	127	7,929	8,056	0	0	7,929	127	0	0	0	8,056
0	0	13,962	0	562	13,400	13,962	0	0	13,400	562	0	0	0	13,962
0	1,425	4,999	0	2,870	3,554	6,424	0	0	4,979	1,445	0	0	1,425	4,999
0	907	5,588	0	3,444	3,051	5,588	907	0	3,051	2,825	0	0	907	5,588
0	356	9,943	0	666	9,633	10,299	0	0	8,782	666	0	0	36	9,943
0	0	5,366	0	0	5,366	5,366	0	0	5,366	0	0	0	0	5,366
0	0	3,948	0	1,310	2,638	2,581	1,367	0	0	945	0	0	0	3,948
0	9,085	6,705	0	9,085	6,705	15,553	237	0	1,400	2,694	0	0	8,644	7,146
0	5,042	23,213	0	5,042	23,213	27,857	388	0	0	3,866	0	0	3,796	24,459
0	2,691	4,083	1,042	1,756	3,976	5,310	1,464	0	0	2,292	0	0	557	6,217
0	9,292	18,986	2,797	6,525	18,956	26,039	2,239	0	874	7,379	0	0	6,159	22,119
0	9,689	0	4,477	3,807	1,405	9,689	0	0	0	3,073	1,333	0	6,347	3,342
0	3,007	5,315	0	2,785	5,537	7,002	1,0	0	0	3,669	0	0	1,742	6,580
0	1,930	16,942	0	3,188	15,714	18,768	134	0	0	2,077	63	0	1,107	17,795
0	4,736	14,611	0	6,930	12,417	19,247	100	0	3,599	4,158	0	0	4,736	14,611
0	4,287	1,113	1,091	3,196	1,113	3,244	2,156	0	896	2,027	539	0	2,526	2,874
0	8,907	0	1,858	7,049	0	6,001	2,906	0	0	6,030	0	0	6,539	2,368

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
0	14,141	0	0	0	14,141	11,083	10,478	3,663	0	0	0	605	0	3,058
20,757	32,462	0	0	0	53,219	39,209	40,529	12,690	0	0	0	0	0	14,010
0	6,113	0	0	0	6,113	0	5,212	901	0	0	0	0	0	6,113
0	8,453	0	0	0	8,453	6,170	6,170	2,283	0	0	0	0	0	2,283
2,375	20,256	0	0	0	22,631	7,840	15,713	6,918	0	0	0	783	0	14,791
0	2,917	0	0	0	2,917	1,384	1,546	1,371	0	0	0	1,063	0	1,533
843	2,194	0	0	0	3,037	681	2,257	780	0	0	389	292	0	2,356
0	1,215	0	0	0	1,215	216	216	999	0	0	0	0	0	999
656	4,989	0	0	0	5,645	2,185	2,908	2,737	0	0	0	532	0	3,460
0	2,907	0	0	0	2,907	0	2,029	878	0	0	0	0	0	2,907
3,141	14,112	0	0	0	17,253	9,629	12,312	4,941	0	0	117	0	342	7,282
0	18,812	0	0	0	18,812	17,579	17,055	1,757	0	0	0	524	0	1,233
642	6,421	0	0	0	7,063	623	3,246	3,817	0	0	0	0	0	6,440
0	19,636	0	0	0	19,636	12,407	14,420	5,216	0	0	0	0	0	7,229
5,297	5,610	0	0	0	10,907	1,292	7,604	3,303	0	0	0	0	0	9,615
0	32,781	0	0	0	32,781	20,347	24,569	8,212	0	0	0	1,779	0	12,434
0	6,910	0	0	0	6,910	0	4,129	2,781	0	0	0	0	0	6,910
0	17,514	0	0	0	17,514	12,956	12,956	4,558	0	0	0	0	0	4,558
1,665	11,118	0	0	0	12,783	10,353	10,772	2,011	0	432	0	0	419	2,011
0	5,160	0	0	0	5,160	4,074	4,074	1,086	0	0	0	0	0	1,086
0	51,934	0	0	0	51,934	40,609	42,846	9,088	0	0	0	0	0	11,325
0	4,143	0	0	0	4,143	0	3,441	702	0	0	0	0	0	4,143
35,376	289,798	0	0	0	325,174	198,637	244,482	80,692	0	432	506	5,578	761	125,776
0	48,405	0	0	0	48,405	44,654	44,914	3,491	0	0	0	0	0	3,751
0	97,144	0	0	0	97,144	94,465	91,101	6,043	0	0	0	4,379	0	2,679
0	145,549	0	0	0	145,549	139,119	13,015	9,534	0	0	0	4,379	0	6,430
118	20,582	0	0	0	20,700	20,582	19,994	706	0	0	0	0	0	118
747	10,086	0	0	0	10,833	0	9,653	1,180	0	0	0	0	0	10,833
127	7,929	0	0	0	8,056	0	0	8,056	0	0	0	0	0	8,056
562	13,400	0	0	0	13,962	0	10,279	3,683	0	0	0	0	0	13,962
2,870	3,554	0	0	0	6,424	0	1,681	4,743	0	0	0	0	0	6,424
3,444	3,051	0	0	0	6,495	619	0	6,495	0	0	0	0	907	4,969
666	9,633	0	0	0	10,299	851	589	9,710	0	0	0	851	0	9,448
0	5,366	0	0	0	5,366	0	1,371	3,995	0	0	0	0	0	5,366
1,310	2,638	0	0	0	3,948	3,003	563	3,385	0	0	0	1,450	0	945
9,085	6,705	0	0	0	15,790	11,696	13,943	1,845	0	0	4,814	0	0	4,094
5,042	23,213	0	0	0	28,255	24,389	22,530	5,725	0	0	1,176	683	388	3,478
2,798	3,976	0	0	0	6,774	4,482	3,976	2,798	0	0	399	0	1,464	828
9,322	18,956	0	0	0	28,278	20,025	8,248	20,030	0	0	1,272	876	2,400	5,853
8,284	1,405	0	0	0	9,689	5,283	0	9,189	500	0	4,742	541	1,642	2,764
2,785	5,537	0	0	0	8,322	4,653	662	7,660	0	0	0	0	436	3,233
3,188	15,714	0	0	0	8,902	16,762	13,556	5,346	0	0	352	0	0	2,140
6,930	12,417	0	0	0	19,347	11,590	15,716	3,631	0	0	0	1,211	0	7,757
4,287	1,113	0	0	0	5,400	1,938	3,770	1,630	0	0	825	0	1,493	1,969
8,907	0	0	0	0	8,907	2,877	2,988	3,277	2,642	0	2,319	0	3,643	2,387

WATERSHED	MANAGE-MENT	ELEVATION		SLOPE		VEGETATION & LAND USE						REGULATION						
	UNIT	MAX. (m)	MIN. (m)	18%+ (ha)	18%− (ha)	FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICU-LTURE (ha)	OTHERS (ha)	TOTAL (ha)	FOREST LAND/A&D		FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVA-TION	RESETTL-EMENT PROJECT (ha)	NATIONAL PARK (ha)
												FOREST LAND (ha)	A & D (ha)					
II-2-B-1	20	940	140	4,049	1,324	2,287	2,329	0	535	222	5,373	3,755	1,616	3,765	0	0	0	0
II-2-B-1				47,974	193,135	27,830	72,514	17,703	118,157	4,905	241,109	71,281	169,831	12,082	0	0	0	0
II-2-B-2	01	1,000	110	12,962	808	3,938	8,755	0	350	727	13,770	13,104	670	0	0	0	0	0
II-2-B-2	02	1,300	140	5,184	728	0	4,346	0	1,566	0	5,912	4,793	1,119	8	0	0	0	0
II-2-B-2	03	1,300	160	5,585	0	1,052	3,879	0	654	0	5,585	5,538	44	0	0	0	0	0
II-2-B-2	04	1,300	230	4,791	0	2,060	2,331	0	400	0	4,791	4,790	0	0	0	0	0	0
II-2-B-2	05	1,000	130	4,452	6,285	2,820	1,240	1,170	5,133	374	10,737	4,865	5,873	0	0	0	0	0
II-2-B-2	06	1,440	140	7,779	2,246	3,187	2,842	120	3,210	666	10,025	6,881	3,144	2,517	0	0	0	0
II-2-B-2	07	1,300	170	9,737	1,894	4,625	1,904	454	4,202	446	11,631	8,978	2,645	0	0	0	0	0
II-2-B-2	08	1,400	670	8,197	3,341	1,342	2,925	0	7,271	0	11,538	10,115	1,425	4,026	0	0	0	0
II-2-B-2	09	1,500	720	8,021	1,048	0	3,867	0	5,202	0	9,069	7,138	1,929	2,416	0	0	0	0
II-2-B-2	10	1,400	700	5,913	1,688	0	5,570	635	1,396	0	7,601	3,556	4,043	609	0	0	1,974	0
II-2-B-2	11	1,300	670	4,107	444	680	3,199	0	672	0	4,551	2,494	2,054	1,220	0	0	613	0
II-2-B-2	12	1,100	360	4,757	2,494	1,688	5,529	0	34	0	7,251	6,578	676	0	0	0	275	0
II-2-B-2	13	1,700	360	5,428	0	2,427	2,014	0	987	0	5,428	5,427	0	0	0	0	983	0
II-2-B-2	14	1,200	170	7,198	1,573	3,249	995	70	4,282	175	8,771	7,993	779	2,093	0	0	0	0
II-2-B-2	15	900	180	3,309	0	828	0	0	2,240	241	3,309	3,309	0	0	0	0	0	0
II-2-B-2	16	1,200	340	2,797	0	914	0	0	1,883	0	2,797	2,798	0	0	0	0	0	0
II-2-B-2	17	1,300	180	2,728	0	1,007	0	241	1,480	0	2,728	2,729	0	0	0	0	0	0
II-2-B-2	18	1,700	340	8,617	0	520	0	0	8,097	0	8,617	8,619	0	0	0	0	0	0
II-2-B-2	19	1,220	180	2,798	0	350	0	1,157	1,117	174	2,798	2,788	9	0	0	0	0	0
II-2-B-2	20	1,700	240	7,646	0	4,349	0	52	3,245	0	7,646	7,647	0	0	0	0	0	0
II-2-B-2	21	1,700	230	8,225	0	6,355	379	222	1,269	0	8,225	8,222	0	0	0	0	176	0
II-2-B-2	22	1,500	240	8,331	0	5,291	534	2,003	240	263	8,331	8,331	0	0	0	0	564	0
II-2-B-2	23	1,700	340	5,617	0	2,399	0	2,432	563	223	5,617	4,913	703	0	0	0	211	0
II-2-B-2	24	1,700	360	5,137	0	2,433	0	1,137	1,567	0	5,137	5,139	0	0	0	0	0	0
II-2-B-2	25	1,700	500	8,242	0	6,036	0	0	2,206	0	8,242	8,242	0	0	0	0	0	0
II-2-B-2	26	1,800	420	9,895	0	3,157	456	281	6,001	0	9,895	9,894	0	0	0	0	0	0
II-2-B-2	27	1,500	360	11,174	0	0	0	2,397	8,401	376	11,174	10,974	202	0	0	0	4,684	0
II-2-B-2	28	1,440	340	12,323	2,486	3,891	0	5,104	5,814	0	14,809	13,148	1,657	0	0	0	14,720	0
II-2-B-2	29	1,500	640	8,967	1,190	6,360	1,568	0	2,229	0	10,157	8,123	2,035	0	0	0	7,588	0
II-2-B-2	30	1,500	600	2,871	8,541	1,510	714	0	3,188	0	5,412	4,797	618	0	0	0	4,457	0
II-2-B-2	31	1,500	670	6,443	2,937	1,203	3,358	4,011	808	0	9,380	7,469	1,914	31	0	0	2,389	0
II-2-B-2	32	1,600	740	8,319	0	279	1,854	721	5,465	0	8,319	6,808	1,520	151	0	0	0	0
II-2-B-2	33	1,500	670	4,735	1,227	1,179	852	100	3,831	0	5,962	5,964	0	0	0	0	56	0
II-2-B-2	34	1,500	600	4,348	1,932	2,913	401	0	2,966	0	6,280	3,971	2,312	0	0	0	5,445	0
II-2-B-2	35	1,560	520	6,620	0	1,983	0	483	4,149	0	6,620	6,423	199	0	0	0	4,060	0
II-2-B-2	36	1,900	500	6,865	0	0	367	1,248	5,250	0	6,865	6,865	0	0	0	0	13	0
II-2-B-2	37	1,600	420	3,311	0	0	0	1,078	2,233	0	3,311	3,310	0	0	0	0	682	0
II-2-B-2	38	1,900	480	3,037	0	1,207	0	23	1,807	0	3,037	3,039	0	0	0	0	8	0
II-2-B-2	39	1,900	700	4,232	0	1,129	0	150	2,953	0	4,232	4,231	0	0	0	0	0	0
II-2-B-2	40	1,200	260	7,553	2,225	6,815	0	0	2,963	0	9,778	9,781	0	3,175	0	0	0	0
II-2-B-2	41	1,800	340	7,624	0	148	0	0	7,458	18	7,624	7,624	0	1,279	0	0	0	0
II-2-B-2	42	1,700	340	2,394	0	83	0	0	2,288	23	2,394	2,393	0	0	0	0	0	0
II-2-B-2	43	1,800	190	8,796	0	1,631	0	0	7,165	0	8,796	8,796	0	1	0	0	0	0
II-2-B-2	44	1,300	140	2,792	0	1,250	321	0	1,221	0	2,792	2,390	403	0	0	0	0	0
II-2-B-2	45	1,400	130	6,902	0	2,585	0	0	4,317	0	6,902	6,903	0	0	0	0	0	0

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
0	5,371	0	2,743	2,628	0	2,628	2,743	0	0	3,483	459	0	3,429	1,942
0	66,725	174,393	14,008	61,835	165,275	225,157	15,961	0	60,362	48,183	2,394		48,270	192,848
9,232	4,541	0	3,732	8,816	1,225	13,773	0	0	0	8,808	4,254	0	10,370	3,403
2,786	3,126	0	1,629	3,741	542	5,912	0	0	0	4,579	0	0	3,514	2,398
3,783	1,799	0	2,575	1,704	1,303	5,582	0	0	0	2,734	2,183	0	3,783	1,799
3,733	1,057	0	3,092	1,698	0	4,790	0	0	0	0	4,249	0	3,733	1,057
3,577	4,364	2,799	2,888	3,476	4,376	10,740	0	0	1,259	4,454	0	0	6,364	4,376
1,949	5,831	2,246	1,254	6,526	2,246	10,026	0	0	546	5,037	671	0	4,193	5,833
6,126	5,498	0	373	10,966	285	11,624	0	0	0	4,567	537	375	8,196	3,053
3,554	7,984	0	0	10,085	1,453	11,538	0	0	1,648	3,169	445	2,275	7,061	2,202
4,052	5,019	0	670	3,807	4,594	9,071	0	0	385	1,927	1,737	0	5,101	3,970
1,412	6,188	0	696	3,345	3,559	7,600	0	0	0	7,030	386	0	3,038	4,562
3,274	1,273	0	0	4,547	0	4,547	0	0	0	4,223	324	0	4,251	296
2,575	4,678	0	526	6,341	386	7,253	0	0	880	5,779	594	0	5,947	1,306
2,845	2,582	0	4,046	1,381	0	5,427	0	0	0	998	3,737	0	2,845	2,582
5,963	2,808	0	1,727	7,044	0	8,771	0	0	685	1,598	613	0	7,950	821
1,374	1,936	0	977	2,333	0	3,310	0	0	0	0	0	349	2,961	0
755	2,043	0	0	2,789	0	2,798	0	0	0	0	876	394	2,404	0
2,729	0	0	526	2,203	0	2,729	0	0	0	0	804	775	1,954	0
6,093	2,526	0	1,792	6,827	0	8,619	0	0	0	0	0	5,379	3,240	0
2,043	752	0	0	2,797	0	2,797	0	0	0	1,448	0	0	2,797	0
5,253	2,394	0	2,356	5,291	0	7,647	0	0	0	3,743	1,006	821	6,826	0
7,373	849	0	3,244	4,978	0	8,222	0	0	0	521	6,701	0	7,748	474
5,601	2,730	0	829	7,502	0	8,331	0	0	0	6,976	1,355	0	8,331	0
4,273	1,342	0	0	5,615	0	5,615	0	0	0	2,923	2,692	0	5,615	0
4,022	1,117	0	0	5,139	0	5,139	0	0	0	657	2,802	0	5,139	0
5,814	2,428	0	0	8,242	0	8,242	0	0	0	412	5,882	0	8,242	0
8,928	965	0	6,065	3,828	0	9,893	0	0	0	738	2,642	1,240	8,653	0
9,827	1,348	0	2,494	8,681	0	11,175	0	0	0	1,051	1,655	2,056	9,119	0
5,877	8,928	0	761	14,044	0	14,805	0	0	1,657	4,949	1,864	224	14,581	0
7,950	2,206	0	0	10,156	0	10,156	0	0	746	6,065	2,336	466	8,662	1,028
1,445	3,970	0	0	5,415	0	5,415	0	0	558	1,642	0	0	4,543	872
1,356	8,027	0	225	8,135	1,023	9,146	237	0	998	6,931	952	0	6,223	3,160
4,807	3,518	0	1,383	4,459	2,483	8,325	0	0	299	1,616	0	1,363	4,788	2,174
1,508	4,456	0	1,449	4,515	0	5,964	0	0	0	1,138	368	0	3,622	2,342
1,226	5,056	0	2,564	3,718	0	6,282	0	0	0	2,859	0	290	3,968	2,024
5,391	1,231	0	4,324	2,298	0	6,622	0	0	0	0	1,969	945	5,677	0
5,616	1,249	0	394	6,471	0	6,865	0	0	0	921	203	739	5,923	203
2,193	1,117	0	1,744	1,566	0	3,310	0	0	0	0	792	0	3,310	0
1,208	1,831	0	0	3,039	0	3,039	0	0	0	0	1,008	0	3,039	0
3,491	740	0	491	3,740	0	4,231	0	0	0	0	607	1,090	3,141	0
5,214	4,567	0	2,086	7,695	0	9,781	0	0	0	3,420	2,306	542	9,239	0
5,488	2,136	0	388	7,236	0	7,624	0	0	0	0	0	5,488	2,136	0
621	1,772	0	1,536	857	0	2,393	0	0	0	0	0	621	1,772	0
4,947	3,849	0	2,786	6,010	0	8,796	0	0	0	463	1,087	2,875	5,921	0
1,835	957	0	0	2,792	0	2,792	0	0	0	1,449	0	0	2,792	0
4,800	2,103	0	0	6,903	0	6,903	0	0	0	752	1,282	1,387	5,516	0

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
5,371	0	0	0	0	5,371	1,429	1,501	3,870	0	0	1,429	0	2,743	1,199
75,843	165,275	0	0	0	241,118	130,179	131,022	106,954	3,142	0	17,328	5,612	15,116	95,823
12,548	1,225	0	0	0	13,773	711	9,292	4,481	0	0	711	0	9,853	3,209
5,370	542	0	0	0	5,912	1,333	728	4,292	892	892	441	0	1,894	2,685
4,279	1,303	0	0	0	5,582	665	0	5,039	543	0	665	0	3,118	1,799
4,790	0	0	0	0	4,790	541	0	4,393	397	541	0	0	3,527	722
6,364	4,376	0	0	0	10,740	5,027	5,823	4,917	0	0	0	0	3,577	2,136
7,780	2,246	0	0	0	10,026	3,772	5,827	3,413	786	0	1,491	0	1,475	4,779
11,339	285	0	0	0	11,624	6,520	5,367	4,879	1,378	373	5,391	0	2,859	2,245
10,085	1,453	0	0	0	11,538	6,276	2,256	0	9,282	0	5,346	930	776	4,486
4,477	4,594	0	0	0	9,071	5,022	0	0	9,071	152	2,168	1,371	1,065	2,984
4,041	3,559	0	0	0	7,600	184	1,569	0	6,031	0	0	0	2,108	5,308
4,547	0	0	0	0	4,547	0	296	0	4,251	0	0	0	2,274	1,273
6,867	386	0	0	0	7,253	0	1,049	1,919	4,285	0	0	0	2,575	4,678
5,427	0	0	0	0	5,427	692	0	1,251	4,176	0	692	0	4,465	270
8,771	0	0	0	0	8,771	5,875	2,502	5,870	399	1,114	4,761	0	1,295	1,601
3,310	0	0	0	0	3,310	3,310	2,454	856	0	0	3,310	0	0	0
2,798	0	0	0	0	2,798	1,922	0	1,309	1,489	0	1,922	0	361	515
2,729	0	0	0	0	2,729	1,955	0	2,203	526	526	1,399	0	804	0
8,619	0	0	0	0	8,619	8,619	0	5,498	3,121	939	7,680	0	0	0
2,797	0	0	0	0	2,797	1,349	1,448	0	1,349	0	1,349	0	696	752
7,647	0	0	0	0	7,647	2,898	0	4,629	3,018	1,131	1,767	0	3,743	1,006
8,222	0	0	0	0	8,222	0	0	4,785	3,437	0	0	0	7,373	849
8,331	0	0	0	0	8,331	0	4,677	2,541	1,113	0	0	0	6,430	1,901
5,615	0	0	0	0	5,615	0	3,360	996	1,259	0	0	0	4,273	1,342
5,139	0	0	0	0	5,139	1,680	0	3,967	1,172	0	1,680	0	2,792	667
8,242	0	0	0	0	8,242	1,948	0	1,429	6,813	0	1,948	0	5,004	1,290
9,893	0	0	0	0	9,893	6,513	0	3,901	5,992	3,325	3,188	0	3,380	0
11,175	0	0	0	0	11,175	8,469	4,319	4,844	2,012	2,494	5,975	0	2,706	0
14,805	0	0	0	0	14,805	6,335	0	8,927	5,878	0	6,353	0	3,319	5,151
10,156	0	0	0	0	10,156	1,009	542	715	8,899	0	1,009	0	7,373	1,774
5,415	0	0	0	0	5,415	3,215	0	0	5,415	0	3,215	0	770	1,430
8,360	1,023	0	0	0	9,383	502	0	0	9,383	0	502	0	1,593	7,288
5,842	2,483	0	0	0	8,325	6,410	0	0	8,325	1,383	3,220	1,807	610	1,305
5,964	0	0	0	0	5,964	4,458	0	0	5,964	0	4,458	0	368	1,138
6,282	0	0	0	0	6,282	3,423	0	0	6,282	290	3,133	0	334	2,525
6,622	0	0	0	0	6,622	4,653	0	770	5,852	2,385	2,268	0	1,969	0
6,865	0	0	0	0	6,865	5,741	0	1,341	5,524	0	5,741	0	921	203
3,310	0	0	0	0	3,310	2,518	0	1,259	2,051	1,219	1,299	0	792	0
3,039	0	0	0	0	3,039	2,031	0	680	2,359	0	2,031	0	1,008	0
4,231	0	0	0	0	4,231	3,624	0	0	4,231	0	3,624	0	358	249
9,781	0	0	0	0	9,781	4,055	1,155	8,112	514	433	3,622	0	3,089	2,637
7,624	0	0	0	0	7,624	7,624	404	4,724	2,496	0	7,624	0	0	0
2,393	0	0	0	0	2,393	2,393	296	857	1,240	0	2,393	0	0	0
8,796	0	0	0	0	8,796	7,246	0	4,617	4,179	1,175	6,071	0	1,550	0
2,792	0	0	0	0	2,792	1,343	1,449	935	408	0	1,343	0	1,449	0
6,903	0	0	0	0	6,903	4,869	0	4,880	2,023	0	4,869	0	2,034	0

WATERSHED	MANAGEMENT UNIT	ELEVATION		SLOPE		VEGETATION & LAND USE						REGULATION						
		MAX. (m)	MIN. (m)	18%+ (ha)	18%− (ha)	FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICULTURE (ha)	OTHERS (ha)	TOTAL (ha)	FOREST LAND/A&D		FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVATION	RESETTLEMENT PROJECT (ha)	NATIONAL PARK (ha)
												FOREST LAND (ha)	A & D (ha)					
II-2-B-2	46	1,660	370	5,887	0	72	0	0	5,815	0	5,887	5,887	0	0	0	0	0	0
II-2-B-2	47	1,800	520	6,608	0	0	0	0	6,608	0	6,608	6,608	0	0	0	0	0	0
II-2-B-2				299,254	37,087	94,930	60,200	25,289	152,196	3,706	336,341	300,385	35,973	17,526	0	0	48,89	0
III-1-A	01	560	40	960	3,013	1,354	1,762	0	739	118	3,973	2,527	1,451	0	0	0	0	0
III-1-A	02	700	80	1,569	1,299	1,573	1,111	0	184	0	2,868	2,325	540	0	0	0	0	0
III-1-A	03	740	0	3,279	745	3,320	482	0	123	99	4,024	3,722	302	0	0	0	0	0
III-1-A	04	800	110	3,840	1,291	4,068	26	0	872	165	5,131	4,724	408	0	0	0	0	0
III-1-A	05	1,090	160	1,538	0	0	0	0	1,538	0	1,538	1,538	0	0	0	0	0	0
III-1-A	06	1,040	120	2,174	3,367	1,077	1,027	0	3,437	0	5,541	4,972	568	0	0	0	0	0
III-1-A	07	880	160	2,451	2,903	1,745	854	0	2,755	0	5,354	4,903	440	0	0	0	0	0
III-1-A	08	560	40	899	9,684	1,970	4,436	0	4,177	0	10,583	6,288	3,554	0	0	0	0	0
III-1-A	09	270	50	718	4,460	667	3,325	0	1,056	130	5,178	4,986	195	0	0	0	0	0
III-1-A	10	300	0	1,064	4,987	1,186	4,191	0	674	0	6,051	2,605	1,714	0	0	0	0	0
III-1-A	11	1,090	40	2,066	1,813	1,907	184	0	1,788	0	3,879	3,254	568	0	0	0	0	0
III-1-A	12	700	30	2,414	13,601	3,898	6,143	0	5,723	251	16,015	14,942	4,543	0	0	0	0	0
III-1-A	13	500	40	769	5,943	2,138	2,809	0	1,536	229	6,712	3,608	3,431	0	0	0	0	0
III-1-A	14	1,000	40	1,136	2,907	1,704	922	0	1,417	0	4,043	1,920	2,176	0	0	0	0	0
III-1-A	15	460	80	0	1,534	857	547	0	130	0	1,534	967	568	197	0	0	0	0
III-1-A				24,877	57,547	27,464	27,819	0	26,149	992	82,424	63,281	20,458	197	0	0	0	0
III-2-A	01	1,500	100	5,648	612	2,867	0	0	3,893	0	6,260	6,093	165	0	0	0	0	0
III-2-A	02	1,500	80	2,652	234	386	0	0	2,500	0	2,886	2,854	31	0	0	0	0	0
III-2-A	03	1,700	80	10,839	452	2,106	132	0	9,053	0	11,291	10,600	689	0	0	0	0	0
III-2-A	04	1,300	60	5,606	2,360	1,136	3,258	380	2,072	1,120	7,966	5,577	1,519	2,471	0	0	0	0
III-2-A	05	700	50	348	8,040	933	3,041	2,171	1,935	308	8,388	5,381	1,709	4,213	0	0	0	207
III-2-A	06	1,500	80	7,099	0	1,634	656	317	3,264	1,228	7,099	6,149	3	588	0	0	0	0
III-2-A	07	1,500	200	4,987	0	377	0	0	4,610	0	4,987	4,988	0	0	0	0	0	0
III-2-A	08	1,200	200	1,461	0	257	0	0	1,204	0	1,461	1,462	0	0	0	0	0	0
III-2-A	09	1,300	80	3,589	0	1,333	102	0	2,154	0	3,589	3,538	0	0	0	0	0	0
III-2-A	10	1,300	180	2,907	423	1,797	0	379	1,154	0	3,330	3,330	0	0	0	0	0	0
III-2-A	11	1,400	40	1,123	75	4	0	71	1,123	0	1,198	1,195	3	0	0	0	0	0
III-2-A	12	1,600	400	6,707	0	0	0	0	6,707	0	6,707	6,707	0	0	0	0	0	0
III-2-A	13	1,600	360	2,917	0	152	0	0	2,765	0	2,917	2,917	0	0	0	0	0	0
III-2-A	14	1,400	100	1,772	0	165	0	0	1,607	0	1,772	1,772	0	0	0	0	0	0
III-2-A	15	1,400	100	2,625	0	0	0	169	2,456	0	2,625	2,625	0	0	0	0	0	0
III-2-A	16	1,800	300	9,048	0	145	0	0	8,903	0	9,048	9,050	0	0	0	0	0	0
III-2-A	17	1,300	80	2,995	0	1,159	0	0	1,362	474	2,995	2,955	40	0	0	0	0	0
III-2-A	18	1,500	30	2,825	4,716	2,465	0	3,613	1,461	0	7,541	6,518	1,028	0	0	0	0	0
III-2-A	19	1,800	400	4,310	0	0	0	0	4,310	0	4,310	4,310	0	0	0	0	0	0
III-2-A	20	1,500	60	7,596	0	5,013	0	325	2,258	0	7,596	7,584	15	0	0	0	0	0
III-2-A	21	1,500	30	4,083	2,391	2,109	0	2,952	1,413	0	6,474	4,368	2,105	0	0	0	0	0
III-2-A	22	1,400	150	5,832	0	2,334	0	1,158	2,340	0	5,832	5,329	0	0	0	0	0	0
III-2-A	23	1,100	60	5,208	1,375	1,554	0	1,487	3,542	0	6,583	5,165	1,422	0	0	0	0	0
III-2-A	24	1,800	400	4,788	0	68	0	0	4,720	0	4,788	4,788	0	0	0	0	0	0
III-2-A				106,965	20,678	27,494	7,189	13,024	76,806	3,130	127,643	115,805	8,729	7,272	0	0	0	207

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
2,739	3,148	0	0	5,887	0	5,887	0	0	0	0	0	2,739	3,148	0
2,911	3,697	0	0	6,608	0	6,608	0	0	0	0	0	2,911	3,697	0
189,571	141,736	5,045	61,622	251,255	23,475	336,115	237	0	9,661	106,577	60,919	35,344	251,073	49,935
0	2,196	1,778	0	2,030	1,944	2,893	1,081	0	646	1,382	0	0	2,196	1,778
0	2,270	597	362	1,908	597	2,867	0	0	1,060	0	0	0	1,908	959
0	3,706	318	1,063	1,157	1,804	4,024	0	0	585	286	0	0	3,706	318
0	5,132	0	2,616	1,947	569	5,132	0	0	0	0	0	0	5,132	0
0	1,53	0	873	665	0	1,538	0	0	0	0	0	0	1,538	0
0	5,540	0	259	2,434	2,847	5,540	0	0	981	262	0	0	5,540	0
0	4,863	480	0	1,022	4,321	5,343	0	0	1,250	0	0	0	4,167	1,176
0	3,822	6,022	975	3,208	5,661	9,844	0	0	4,182	0	0	0	3,822	6,022
0	2,785	2,396	2,911	1,457	813	4,646	535	0	541	3,576	0	0	2,785	2,396
0	833	3,486	550	2,913	856	4,319	0	0	1,709	1,419	0	0	833	3,486
0	3,822	0	0	3,079	743	3,822	0	0	699	0	0	0	3,822	0
0	4,322	15,168	496	8,071	10,923	19,220	270	0	4,290	1,107	0	0	4,322	15,168
0	3,270	3,769	0	730	6,309	7,039	0	0	2,913	211	0	0	3,270	3,769
0	3,328	767	1,762	859	1,474	4,095	0	0	1,342	0	0	0	,328	767
0	0	1,534	0	1,534	0	0	1,534	0	0	0	0	0	0	1,534
0	47,427	36,315	11,867	33,014	38,861	80,322	3,420	0	20,198	8,243	0	0	46,369	37,373
0	5,949	311	4,879	616	765	5,806	454	0	0	311	0	0	5,949	311
0	2,886	0	2,418	233	235	2,886	0	0	0	0	0	0	2,886	0
0	10,83	451	4,139	6,703	448	10,151	1,139	0	0	1,615	276	0	9,428	1,862
0	5,391	1,701	2,635	2,831	1,626	3,833	3,259	0	278	3,484	448	0	4,919	2,173
0	3,152	3,941	0	2,186	4,907	3,299	3,794	0	158	5,871	0	0	3,152	3,941
0	6,088	64	4,562	1,590	0	5,352	736	64	0	268	186	0	4,069	2,083
0	4,990	0	4,526	464	0	4,990	0	0	0	0	0	0	4,990	0
0	1,462	0	470	992	0	1,462	0	0	0	0	0	0	1,462	0
0	3,588	0	1,234	2,354	0	3,588	0	0	0	0	583	0	3,016	572
0	2,908	422	935	1,973	422	1,198	2,132	0	0	773	1,359	0	2,908	422
0	1,123	75	0	1,123	75	1,127	71	0	0	71	0	0	1,123	75
0	6,707	0	3,778	2,929	0	6,707	0	0	0	0	0	0	6,707	0
0	2,917	0	0	2,917	0	2,917	0	0	0	0	0	0	2,917	0
0	1,772	0	866	906	0	1,772	0	0	0	0	0	0	1,772	0
0	2,625	0	1,486	1,139	0	2,625	0	0	0	0	0	0	2,625	0
0	9,050	0	1,757	7,293	0	9,050	0	0	0	0	0	0	9,050	0
0	2,996	0	920	2,076	0	2,729	267	0	0	0	763	0	1,496	1,500
0	2,824	4,719	2,222	3,550	1,771	5,870	1,673	0	415	4,09	420	0	2,824	4,719
0	4,310	0	1,821	2,489	0	4,310	0	0	0	0	0	0	4,310	0
0	6,628	971	6,490	1,109	0	5,060	2,539	0	0	1,662	3,816	0	6,628	971
0	4,082	2,390	3,409	673	2,390	3,948	2,524	0	1,896	3,330	573	0	4,082	2,390
0	5,829	0	3,101	2,728	0	3,785	2,044	0	0	510	3,011	0	5,829	0
0	5,848	738	2,426	3,422	736	3,988	2,598	0	431	945	788	0	5,848	738
0	4,788	0	1,398	3,390	0	4,788	0	0	0	0	0	0	4,788	0
0	108,752	15,783	55,472	55,686	13,377	101,241	23,230	64	3,178	22,909	12,223	0	102,778	21,757

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
5,887	0	0	0	0	5,887	5,887	0	3,270	2,617	0	5,887	0	0	0
6,608	0	0	0	0	6,608	6,608	0	685	5,923	0	6,608	0	0	0
312,877	23,475	0	0	0	336,352	159,195	54,813	119,184	162,355	18,372	127,136	4,108	106,960	70,197
2,030	1,944	0	0	0	3,974	1,946	3,161	813	0	0	680	860	0	2,028
2,270	597	0	0	0	2,867	1,807	1,533	1,334	0	0	1,807	0	0	1,060
2,220	1,804	0	0	0	4,024	3,153	1,790	2,234	0	0	1,667	1,486	0	871
4,563	569	0	0	0	5,132	5,132	2,816	2,316	0	0	4,563	569	0	0
1,538	0	0	0	0	1,538	1,538	0	1,199	339	0	1,538	0	0	0
2,693	2,847	0	0	0	5,540	4,297	1,912	3,628	0	0	2,150	2,147	0	1,243
1,022	4,321	0	0	0	5,343	4,093	1,149	4,194	0	0	326	3,767	0	1,250
4,183	5,661	0	0	0	9,844	5,662	9,112	732	0	0	1,087	0	431	3,751
4,368	813	0	0	0	5,181	1,064	4,930	251	0	0	0	251	2,419	1,698
3,463	856	0	0	0	4,319	1,191	4,319	0	0	0	0	641	0	3,128
3,079	743	0	0	0	3,822	3,123	1,025	2,797	0	0	2,380	743	0	699
8,567	10,923	0	0	0	19,490	14,093	8,873	10,617	0	0	1,660	4,273	0	5,397
730	6,309	0	0	0	7,039	3,915	4,353	2,686	0	0	0	2,272	0	3,124
2,621	1,474	0	0	0	4,095	2,753	2,985	1,110	0	0	1,762	707	0	1,342
1,534	0	0	0	0	1,534	1,534	0	1,534	0	0	1,534	0	0	0
44,881	38,861	0	0	0	83,742	55,301	47,958	35,445	339	0	21,154	17,716	2,850	25,591
5,495	765	0	0	0	6,260	5,949	727	4,561	972	0	5,949	0	0	311
2,651	235	0	0	0	2,886	2,886	468	1,956	462	0	2,651	235	0	0
10,842	448	0	0	0	11,290	9,399	451	5,175	5,664	415	8,964	0	992	899
5,466	1,626	0	0	0	7,092	2,882	3,884	2,861	347	0	2,257	0	809	3,401
2,186	4,907	0	0	0	7,093	1,064	4,656	2,437	0	0	0	0	0	6,029
6,152	0	0	0	0	6,152	5,698	1,811	3,590	751	403	4,582	0	454	0
4,990	0	0	0	0	4,990	4,990	0	1,390	3,600	0	4,990	0	0	0
1,462	0	0	0	0	1,462	1,462	0	1,462	0	0	1,462	0	0	0
3,588	0	0	0	0	3,588	3,005	0	3,058	530	0	3,005	0	583	0
2,908	422	0	0	0	3,330	1,198	0	2,622	708	0	1,198	0	1,710	422
1,123	75	0	0	0	1,198	1,127	0	75	1,123	0	1,123	4	0	71
6,707	0	0	0	0	6,707	6,707	0	1,985	4,722	0	6,707	0	0	0
2,917	0	0	0	0	2,917	2,917	0	701	2,216	0	2,917	0	0	0
1,772	0	0	0	0	1,772	1,772	370	815	587	0	1,772	0	0	0
2,625	0	0	0	0	2,625	2,625	848	781	996	0	2,625	0	0	0
9,050	0	0	0	0	9,050	9,050	0	2,753	6,297	0	9,050	0	0	0
2,996	0	0	0	0	2,996	2,233	2,263	733	0	0	2,233	0	267	496
5,772	1,771	0	0	0	7,543	2,639	2,712	4,831	0	0	991	482	1,483	3,421
4,310	0	0	0	0	4,310	4,310	0	802	3,508	0	4,310	0	0	0
7,599	0	0	0	0	7,599	2,121	2,176	4,424	999	762	1,359	0	4,080	1,398
4,082	2,390	0	0	0	6,472	673	2,629	3,290	553	0	673	0	3,409	2,390
5,829	0	0	0	0	5,829	2,308	0	5,038	791	0	2,308	0	2,588	933
5,848	738	0	0	0	6,586	4,422	2,376	4,210	0	518	3,904	0	1,426	738
4,788	0	0	0	0	4,788	4,788	0	833	3,955	0	4,788	0	0	0
111,158	13,377	0	0	0	124,535	86,225	25,371	60,383	38,781	2,098	79,838	721	17,801	20,509

WATERSHED	MANAGEMENT UNIT	ELEVATION MAX. (m)	ELEVATION MIN. (m)	SLOPE 18%+ (ha)	SLOPE 18%− (ha)	VEGETATION & LAND USE FOREST (ha)	KAINGIN (ha)	GRASSLAND (ha)	AGRICULTURE (ha)	OTHERS (ha)	TOTAL (ha)	REGULATION FOREST LAND/A&D FOREST LAND (ha)	FOREST LAND/A&D A & D (ha)	FOREST RESERVE (ha)	WATERSHED FOREST RESERVE (ha)	CIVIL RESERVATION	RESETTLEMENT PROJECT (ha)	NATIONAL PARK (ha)
III-3-A	01	1,800	340	8,304	0	391	0	0	7,913	0	8,304	8,304	0	0	0	0	0	0
III-3-A	02	1,700	420	5,163	0	0	0	0	5,163	0	5,163	5,163	0	0	0	0	0	0
III-3-A	03	1,100	170	5,679	0	1,390	0	0	4,089	0	5,679	5,679	0	0	0	0	0	0
III-3-A	04	1,500	160	6,801	0	1,658	0	0	5,143	0	6,801	6,799	0	0	0	0	0	0
III-3-A	05	1,300	80	5,756	641	3,741	0	40	2,616	0	6,397	6,352	45	0	0	0	0	0
III-3-A	06	1,300	30	10,000	1,293	2,624	152	269	8,147	101	11,293	9,332	1,962	0	0	0	0	0
III-3-A	07	900	20	3,324	11,420	3,651	0	3,885	6,719	489	14,744	6,930	7,810	0	0	0	0	924
III-3-A	08	1,100	80	7,917	885	6,692	0	0	2,110	0	8,802	8,806	0	0	0	0	0	0
III-3-A	09	1,200	180	6,232	225	936	0	0	5,519	0	6,457	6,456	0	0	0	0	0	0
III-3-A	10	900	140	2,631	3,347	5,721	0	0	257	0	5,978	5,981	0	0	0	0	0	0
III-3-A	11	1,190	140	5,751	1,125	3,607	0	0	3,269	0	6,876	6,876	0	0	0	0	0	0
III-3-A	12	1,200	140	9,102	1,700	4,934	0	0	5,868	0	10,802	10,801	0	0	0	0	0	0
III-3-A	13	460	30	823	4,685	2,307	59	704	1,888	550	5,508	2,276	3,233	0	0	0	0	0
III-3-A	14	600	30	932	7,417	2,746	3,281	0	1,948	374	8,349	4,490	3,856	3,235	0	0	0	0
III-3-A	15	220	30	0	21,754	0	9,263	1,057	7,913	3,521	21,754	5,628	16,124	1,587	0	0	0	0
III-3-A	16	600	50	3,613	1,631	1,925	3,136	0	183	0	5,244	5,530	1,712	1,202	0	0	0	0
III-3-A	17	500	40	2,363	7,282	460	5,993	0	1,916	1,281	9,650	4,850	4,796	3,781	0	0	0	0
III-3-A	18	300	50	656	579	0	1,050	0	116	69	1,235	486	747	0	0	0	0	0
III-3-A	19	1,260	80	7,194	1,478	3,770	1,092	0	3,810	0	8,672	8,639	32	0	0	0	0	0
III-3-A	20	700	80	2,584	2,56	2,054	2,886	0	0	0	4,940	3,677	1,264	0	0	0	0	0
III-3-A	21	1,300	180	4,265	370	2,177	0	0	2,458	0	4,635	4,636	0	0	0	0	0	0
III-3-A	22	600	120	1,599	2,239	1,849	1,547	0	307	135	3,838	2,511	1,328	337	0	0	0	0
III-3-A	23	1,500	180	7,22	401	2,851	0	0	4,822	0	7,673	7,675	0	0	0	0	0	0
III-3-A	24	900	80	3,593	2,582	4,285	1,812	0	0	78	6,175	5,563	612	189	0	0	0	0
III-3-A	25	700	80	4,345	4,892	4,511	3,425	0	951	350	9,237	9,239	0	0	0	0	0	0
III-3-A	26	1,300	100	6,858	0	4,898	0	0	1,960	0	6,858	6,856	0	0	0	0	0	0
III-3-A	27	1,400	160	9,610	738	3,385	0	0	6,963	0	10,348	10,348	0	0	0	0	0	0
III-3-A	28	1,300	180	8,994	0	1,518	0	0	7,476	0	8,994	8,997	0	0	0	0	0	0
III-3-A	29	1,200	160	5,493	0	2,710	0	0	2,783	0	5,493	5,496	0	0	0	0	0	0
III-3-A	30	700	120	2,128	2,894	2,425	2,341	0	256	0	5,022	5,026	0	0	0	0	0	0
III-3-A	31	280	140	0	3,180	1,114	2,066	0	0	0	3,180	2,536	646	0	0	0	0	0
III-3-A	32	900	140	2,989	2,606	5,086	115	0	394	0	5,595	4,748	847	0	0	0	0	0
III-3-A	33	420	140	1,268	1,890	1,829	630	0	699	0	3,158	2,676	478	0	0	0	0	0
III-3-A	34	900	180	3,787	1,235	133	621	0	4,268	0	5,022	5,024	0	0	0	0	0	0
III-3-A	35	1,300	240	3,761	0	801	0	0	2,960	0	3,761	3,761	0	0	0	0	0	0
III-3-A	36	1,300	240	4,542	0	776	0	0	3,766	0	4,542	4,539	0	0	0	0	0	0
III-3-A	37	1,300	460	6,567	738	0	0	0	7,305	0	7,305	7,306	0	0	0	0	0	0
III-3-A	38	1,600	360	3,623	0	0	0	0	3,623	0	3,623	3,624	0	0	0	0	0	0
III-3-A	39	1,600	300	3,950	0	90	0	0	3,860	0	3,950	3,949	0	0	0	0	0	0
III-3-A	40	1,100	200	7,822	2,674	1,552	1,607	0	7,337	0	10,496	8,974	1,521	0	0	0	0	0
III-3-A	41	1,500	300	13,913	0	241	0	0	13,672	0	13,913	13,916	0	0	0	0	0	0
III-3-A	42	1,600	440	5,273	2,010	0	0	0	7,283	0	7,283	7,286	0	0	0	0	0	0
III-3-A	43	1,600	440	7,023	907	0	0	0	7,930	0	7,930	7,933	0	0	0	0	0	0
III-3-A	44	1,300	500	4,205	0	0	0	0	4,205	0	4,205	4,207	0	0	0	0	0	0
III-3-A	45	1,300	480	4,465	0	0	0	0	4,481	0	4,481	4,481	0	0	0	0	0	0
III-3-A				222,175	97,174	91,040	41,076	5,955	174,346	6,948	319,365	272,362	47,013	10,331	0	0	0	924
				1,451,467	1,321,426	607,587	321,095	504,873	1,270,31	68,973	2,772,909	1,873,764	899,195	868,731	242	203	48,898	21,654

SOIL EROSION POTENTIAL (2)			HAZARD OF LAND COLLAPSE & SLIDE (2)			WATER HOLDING POTENTIAL (2)			FLOODING POTENTIAL			VEGETATION IMPACT ON SOIL EROSION POTENTIAL (2)		
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)
6,455	1,849	0	2,586	5,718	0	8,304	0	0	0	0	0	6,455	1,849	0
4,300	863	0	2,810	2,353	0	5,163	0	0	0	0	0	4,300	863	0
3,622	2,057	0	1,041	4,638	0	5,679	0	0	0	0	0	3,622	2,057	0
5,060	1,740	0	4,272	2,528	0	6,800	0	0	0	0	0	4,276	2,524	0
3,024	3,373	0	1,030	5,367	0	5,412	985	0	0	1,827	1,859	844	5,553	0
5,601	4,400	1,293	1,061	8,940	1,293	11,294	0	0	0	237	0	5,601	4,147	1,546
535	5,824	8,384	0	7,208	7,535	14,743	0	0	1,859	1,124	0	535	5,824	8,384
2,585	6,221	0	3,757	5,049	0	7,740	1,066	0	0	1,318	2,838	1,303	7,503	0
3,801	2,655	0	906	5,550	0	6,456	0	0	0	0	0	3,801	2,655	0
1,285	4,696	0	776	5,205	0	3,034	2,947	0	1,272	3,723	986	0	5,981	0
2,347	4,529	0	1,987	4,889	0	5,456	1,420	0	0	2,561	683	2,347	4,529	0
5,076	5,725	0	952	9,849	0	6,929	1,872	0	0	3,754	716	3,797	7,004	0
0	3,582	1,927	1,489	2,093	1,927	3,592	1,917	0	0	3,353	0	0	3,095	2,414
0	3,407	4,940	1,613	2,933	3,801	7,296	1,051	0	3,122	3,407	0	0	2,933	5,414
0	3,026	18,727	0	5,439	16,314	21,137	264	352	2,382	2,903	0	0	3,026	18,727
1,205	4,037	0	3,763	943	536	5,242	0	0	692	4,550	0	0	4,641	601
0	5,294	4,353	1,302	4,122	4,223	9,647	0	0	1,647	3,544	597	0	3,806	5,841
0	1,233	0	0	1,233	0	1,233	0	0	0	1,233	0	0	1,092	141
4,656	4,015	0	1,937	6,734	0	6,559	2,112	0	0	3,763	1,633	3,940	4,731	0
0	4,39	0	734	3,604	601	3,881	1,058	0	0	4,939	0	0	4,939	0
2,424	2,212	0	0	4,636	0	3,542	1,094	0	0	370	1,788	2,424	2,212	0
0	2,840	1,001	2,054	249	1,538	2,594	1,247	0	0	2,303	0	0	2,591	1,250
4,215	3,460	0	0	7,675	0	6,899	776	0	0	0	2,327	2,996	4,679	0
1,366	4,316	493	2,847	2,835	493	4,292	1,883	0	493	5,682	0	0	5,340	835
415	7,320	1,505	0	8,790	450	8,007	1,233	0	1,505	5,756	415	415	7,028	1,797
2,686	4,170	0	0	6,856	0	6,856	0	0	0	3,191	2,151	0	6,856	0
5,818	4,529	0	0	10,347	0	10,347	0	0	0	1,552	68	3,643	6,704	0
6,748	2,249	0	0	8,997	0	8,997	0	0	0	0	0	6,748	2,249	0
5,216	281	0	0	5,497	0	5,497	0	0	0	0	524	4,386	1,111	0
0	3,854	1,172	583	3,759	684	2,698	2,328	0	1,690	3,115	0	0	3,620	1,406
0	0	3,182	0	0	3,182	3,182	0	0	3,182	0	0	0	0	3,182
164	5,433	0	540	5,057	0	2,708	2,889	0	0	4,731	164	0	5,417	180
0	2,193	962	596	1,597	962	3,155	0	0	962	1,557	0	0	2,193	962
616	4,408	0	0	5,024	0	5,024	0	0	0	393	0	616	4,408	0
1,578	2,183	0	0	3,761	0	3,761	0	0	0	0	0	1,578	2,183	0
3,463	1,078	0	0	4,541	0	4,541	0	0	0	0	0	3,463	1,078	0
5,249	2,057	0	0	7,306	0	7,306	0	0	0	0	0	5,249	2,057	0
3,624	0	0	0	3,624	0	3,624	0	0	0	0	0	3,624	0	0
2,817	1,132	0	0	3,949	0	3,949	0	0	0	0	0	2,817	1,132	0
5,498	4,996	0	0	8,348	2,146	10,494	0	0	207	1,504	757	2,729	7,124	641
9,231	4,685	0	0	13,916	0	13,916	0	0	0	0	0	8,590	5,326	0
3,410	3,876	0	0	7,286	0	7,286	0	0	0	0	0	3,410	3,876	0
5,182	2,750	0	0	7,932	0	7,932	0	0	0	0	0	5,182	2,750	0
2,644	1,563	0	0	4,207	0	4,207	0	0	0	0	0	2,644	1,563	0
4,224	257	0	0	4,481	0	4,481	0	0	0	0	0	4,224	257	0
126,140	145,307	47,939	38,636	235,065	45,685	292,882	26,142	352	19,013	72,390	18,136	105,559	160,506	53,321
566,767	1,093,913	1112,317	493,743	1,286,341	992,913	2,362,597	407,80	2,510	272,014	572,027	179,097	173,816	1,294,832	1,304,349

VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE			VEGETATION IMPACT ON WATER HOLDING POTENTIAL			TREE GROWTH POTENTIAL				NATURAL POTENTIALS				
										PRESENT FOREST AREA			PRESENT GRASSLAND AREA	
HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	HIGH (ha)	MEDIUM (ha)	LOW (ha)	AREA EXCEPTING GRASS LAND (ha)	HIGH HAZARD POTENTIAL (ha)	MEDIUM HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)	HIGH HAZARD POTENTIAL (ha)	LOW HAZARD POTENTIAL (ha)
8,304	0	0	0	0	8,304	8,304	0	4,894	3,410	1,970	6,334	0	0	0
5,163	0	0	0	0	5,163	5,163	0	2,890	2,273	2,810	2,353	0	0	0
5,679	0	0	0	0	5,679	5,679	0	5,679	0	528	5,151	0	0	0
6,800	0	0	0	0	6,800	6,800	0	5,822	978	2,965	3,835	0	0	0
6,397	0	0	0	0	6,397	2,711	0	5,524	873	0	2,711	0	3,448	238
10,001	1,293	0	0	0	11,294	11,057	1,293	10,001	0	0	9,764	0	0	237
7,208	7,535	0	0	0	14,743	11,760	8,980	5,763	0	0	5,235	0	0	2,983
8,806	0	0	0	0	8,806	4,650	0	8,806	0	1,158	3,492	0	2,209	1,947
6,456	0	0	0	0	6,456	6,456	0	5,901	555	906	5,550	0	0	0
5,981	0	0	0	0	5,981	0	1,682	4,299	0	0	0	0	4,232	1,749
6,876	0	0	0	0	6,876	3,632	690	5,895	291	369	3,263	0	2,554	690
10,801	0	0	0	0	10,801	6,331	1,381	8,829	591	0	6,331	0	3,435	1,035
3,582	1,927	0	0	0	5,509	2,156	2,520	2,989	0	0	0	0	2,690	663
4,546	3,801	0	0	0	8,347	1,818	3,701	4,646	0	0	0	0	2,664	3,865
5,439	16,314	0	0	0	21,753	16,468	16,118	5,635	0	0	0	0	0	5,285
4,706	536	0	0	0	5,242	0	1,559	3,63	0	0	0	0	3,763	1,479
5,424	4,223	0	0	0	9,647	3,859	7,415	2,232	0	0	0	0	1,302	4,486
1,233	0	0	0	0	1,233	0	1,233	0	0	0	0	0	0	1,233
8,671	0	0	0	0	8,671	3,275	1,613	6,379	679	0	3,275	0	4,438	958
4,338	601	0	0	0	4,939	0	3,877	1,062	0	0	0	0	1,058	3,881
4,636	0	0	0	0	4,636	2,478	1,064	2,837	735	0	2,478	0	1,654	504
2,303	1,538	0	0	0	3,841	1,538	2,342	1,499	0	0	0	0	2,303	0
7,675	0	0	0	0	7,675	5,348	902	4,987	1,786	0	5,348	0	1,384	943
5,682	493	0	0	0	6,175	0	3,322	2,853	0	0	0	0	4,326	1,849
8,790	450	0	0	0	9,240	1,564	4,440	4,800	0	0	1,564	0	1,648	6,028
6,856	0	0	0	0	6,856	1,514	1,035	5,204	617	0	1,514	0	2,069	3,273
10,347	0	0	0	0	10,347	8,097	0	7,603	2,744	0	8,097	0	682	1,568
8,997	0	0	0	0	8,997	8,997	880	5,950	2,167	0	8,997	0	0	0
5,497	0	0	0	0	5,497	4,973	339	5,158	0	0	4,973	0	524	0
4,342	684	0	0	0	5,026	221	943	4,083	0	0	0	0	2,562	2,243
0	3,182	0	0	0	3,182	0	0	3,182	0	0	0	0	0	3,182
5,597	0	0	0	0	5,597	702	1,641	3,956	0	0	702	0	3,053	1,842
2,193	962	0	0	0	3,155	636	2,502	653	0	0	636	0	596	1,923
5,024	0	0	0	0	5,024	4,631	1,481	3,543	0	0	4,082	0	0	393
3,761	0	0	0	0	3,761	3,761	0	3,761	0	0	3,761	0	0	0
4,541	0	0	0	0	4,541	4,541	0	3,632	909	0	4,541	0	0	0
7,306	0	0	0	0	7,306	7,306	1,265	3,593	2,448	0	7,306	0	0	0
3,624	0	0	0	0	3,624	3,624	0	2,647	977	0	3,624	0	0	0
3,949	0	0	0	0	3,949	3,949	0	1,170	2,779	0	3,949	488	0	0
8,348	2,146	0	0	0	10,494	8,026	5,440	4,459	595	0	6,087	0	1,380	1,088
13,916	0	0	0	0	13,916	13,916	0	9,573	4,33	0	13,916	0	0	0
7,286	0	0	0	0	7,286	7,286	0	701	6,585	0	7,286	0	0	0
7,932	0	0	0	0	7,932	7,932	0	1,782	6,150	0	7,932	0	0	0
4,207	0	0	0	0	4,207	4,207	0	1,451	2,756	0	4,207	0	0	0
4,481	0	0	0	0	4,481	4,481	0	1,483	2,998	0	4,481	0	0	0
273,701	45,685	0	0	0	319,386	209,847	79,658	191,489	48,239	10,706	162,775	488	53,974	55,565
1,780,084	992,913	0	0	0	2,772,997	1,749,859	1,090,347	988,793	693,857	126,248	820,003	134,072	326,317	696,821

Annex – 4

FOREST INFORMATION DATA IN MODEL AREA

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
I	1	A	92.23	1,190	24	SE	3	H	M	M	M	L	H	M	M	M	
		B	418.26	1,116	38	E	1	H	M	M	M	L	H	M	M	M	
		C	12.28	1,250	17	SE	3	H	L	M	L	L	H	H	L	M	
		D	9.77	1,340	37	NW	3	H	M	M	M	L	H	M	M	M	
		E	21.13	1,270	29	NW	3	H	M	M	M	L	H	M	M	M	
		F	1.55	1,180	15	NW	6	M	L	L	L	L	M	M	L	M	L
		G	5.91	1,200	15	SE	6	H	L	M	L	L	H	H	L	M	H
		H	1.95	1,210	33	SE	4	H	M	M	H	L	H	L	M	M	
		I	9.44	1,175	30	SE	4	H	M	M	H	L	H	L	M	M	
		J	10.07	1,260	29	S	6	H	M	M	M	L	H	M	M	M	M
		K	5.66	1,310	40	SW	4	H	M	M	H	L	H	L	M	M	
		L	4.47	1,220	35	W	6	H	M	M	M	L	H	M	M	M	L
		M	2.67	1,150	35	N	4	H	M	M	H	L	H	L	M	M	
		N	6.63	1,060	38	W	4	H	M	M	H	L	H	L	M	M	
		O	13.66	883	43	SE	6	H	M	M	M	L	H	M	M	M	M
		P	5.13	920	45	S	6	H	M	M	M	L	H	M	M	M	L
		Q	2.33	930	35	W	2	H	M	M	M	L	H	M	M	M	
		Total	623.14														
I	2	A	352.28	986	34	S	1	H	M	M	M	L	H	M	M	M	
		B	25.87	1,150	40	S	3	H	M	M	M	L	H	M	M	M	
		C	5.16	1,250	30	SE	4	H	M	M	H	L	H	L	M	M	
		D	22.71	1,167	35	SE	6	H	M	M	M	L	H	M	M	M	M
		E	7.22	1,150	40	S	3	H	M	M	M	L	H	M	M	M	
		F	49.81	1,020	32	SE	6	H	M	M	M	L	H	M	M	M	M
		G	8.51	990	35	S	6	H	M	M	M	L	H	M	M	M	L
		H	12.97	930	30	SW	4	H	M	L	M	L	M	M	M	M	
		I	3.14	930	33	W	6	H	M	M	M	L	H	M	M	M	L
		Total	487.67														
I	3	A	226.07	1,008	33	E	1	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		B	18.29	937	38	SE	6	H	M	M	M	L	H	M	M	M	M
		C	20.79	910	38	SE	6	H	M	M	M	L	H	M	M	M	L
		D	3.72	910	38	SE	6	H	M	M	M	L	H	M	M	M	L
		E	17.64	980	45	NW	1	H	M	M	M	L	H	M	M	M	
		F	3.81	920	35	SW	6	H	M	M	M	L	H	M	M	M	L
		G	1.29	880	35	W	4	H	M	M	H	L	H	L	M	M	
		H	4.04	830	25	NW	4	H	L	H	M	L	H	M	L	L	
		I	2.39	1,040	40	NW	6	H	M	M	M	L	H	M	M	M	L
		Total	298.04														
I	4	A	7.00	1,070	33	SE	3	H	M	M	M	L	H	M	M	M	
		B	94.16	1,070	33	SE	1	H	M	M	M	L	H	M	M	M	
		C	3.20	1,150	33	SE	6	H	M	M	M	L	H	M	M	M	L
		D	6.66	910	35	SE	6	H	M	M	M	L	H	M	M	M	L
		E	5.66	965	29	SE	1	H	M	M	M	L	H	M	M	M	
		F	83.00	889	29	E	6	H	M	M	M	L	H	M	M	M	M
		G	90.47	889	29	E	6	H	M	M	M	L	H	M	M	M	M
		H	76.73				ISF										
		I	3.50	890	40	SW	6	H	M	M	M	L	H	M	M	M	L
		J	72.04	902	28	SE	1	H	M	M	M	L	H	M	M	M	
		K	5.20	827	33	SE	4	H	H	M	M	M	H	M	M	M	
		L	55.46				ISF										
		Total	503.08														
I	5	A	24.01	1,100	40	SW	3	H	M	M	M	L	H	M	M	M	
		B	173.23	994	38	N	1	H	M	M	M	L	H	M	M	M	
		C	16.16	975	39	S	6	H	M	M	M	L	H	M	M	M	M
		D	55.25	908	32	SW	6	H	M	H	M	L	H	M	M	L	M
		E	6.00				ISF										
		F	22.90	1,040	46	SW	1	H	M	M	M	L	H	M	M	M	
		G	20.45	830	28	SW	6	H	M	M	M	L	H	M	M	M	M

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		H	5.00				ISF										
		Total	323.00														
I	6	A	364.48	975	38	E	1	H	M	M	M	L	H	M	M	M	
		B	260.31	879	28	E	6	H	M	H	M	L	H	M	M	L	H
		C	12.27	945	48	SE	1	H	M	M	M	L	H	M	M	M	
		D	12.00				ISF										
		E	1.59	980	40	NW	6	H	M	M	M	L	H	M	M	M	L
		Total	650.65														
I	7	A	116.84	1,043	37	SW	1	H	M	M	M	L	H	M	M	M	
		B	26.45	1,015	39	S	6	H	M	M	M	L	H	M	M	M	M
		C	16.35	980	40	SE	6	H	M	M	M	L	H	M	M	M	L
		D	1.43	870	50	W	6	H	M	M	M	L	H	M	M	M	L
		E	66.21	900	34	NE	6	H	M	M	M	L	H	M	M	M	M
		F	34.81				ISF										
		G	15.00	890	34	NE	6	H	M	M	M	L	H	M	M	M	M
		Total	277.09														
I	8	A	98.24	889	37	NE	6	H	H	M	M	M	H	M	M	M	M
		B	5.00	1,170	50	SW	1	H	M	M	M	L	H	M	M	M	
		C	81.68	1,030	43	SW	1	H	H	M	M	L	H	M	H	M	
		D	10.85	1,050	47	S	1	H	M	M	M	L	H	M	M	M	
		E	5.11	890	34	NE	4	H	H	M	H	M	H	L	M	M	
		F	119.13				ISF										
		G	35.00	889	37	NE	6	H	H	M	M	M	H	M	M	M	M
		H	29.65	890	40	NE	1	H	M	M	M	L	H	M	M	M	
		I	68.00	889	37	NE	6	H	H	M	M	M	H	M	M	M	M
		J	4.82	840	48	W	1	H	M	M	M	L	H	M	M	M	
		Total	457.48														

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
I	9	A	10.37	820	30	NE	1	H	M	M	M	L	H	M	M	M	
		B	10.34	787	38	NE	4	H	M	M	H	L	H	L	M	M	
		C	105.20	792	31	N	6	H	M	M	M	L	H	M	M	M	M
		D	3.99	740	17	E	6	H	L	M	M	L	H	M	L	M	M
		E	6.05	750	23	NE	1	H	L	M	L	L	H	H	L	M	
		F	27.23	920	38	E	1	H	M	M	M	L	H	M	M	M	
		G	92.72	898	31	N	4	H	M	M	H	L	H	L	M	M	
		H	7.30	1,010	37	NE	1	H	M	M	M	L	H	M	M	M	
		I	38.05	1,055	50	N	6	H	M	M	M	L	H	M	M	M	M
		J	7.46	863	26	N	6	H	M	M	M	L	H	M	M	M	M
		K	61.29	990	38	N	1	H	M	M	M	L	H	M	M	M	
		L	10.01	1,160	62	SE	6	H	L	M	M	L	H	M	L	M	L
		M	50.51	896	29	N	6	H	M	M	M	L	H	M	M	M	M
		N	4.66	940	22	NE	1	H	L	M	L	L	H	H	L	M	
		O	2.20	830	40	E	4	H	M	M	H	L	H	L	M	M	
		P	6.33	900	30	N	4	H	M	M	H	L	H	L	M	M	
		Q	3.40	1,040	37	NE	6	H	M	M	M	L	H	M	M	M	L
		Total	447.11														
I	10	A	7.39	873	31	N	6	H	M	M	M	L	H	M	M	M	L
		B	2.79	1,000	33	NW	6	H	M	M	M	L	H	M	M	M	L
		C	103.84	917	35	N	1	H	M	M	M	L	H	M	M	M	
		D	14.00	870	29	N	6	H	M	M	M	L	H	M	M	M	M
		E	2.11	790	30	NW	4	H	M	M	H	L	H	L	M	M	
		F	6.22	1,150	38	NW	6	H	M	M	M	L	H	M	M	M	L
		G	193.57	870	29	N	6	H	M	M	M	L	H	M	M	M	M
		H	54.09				ISF									②	
		I	2.95	990	28	E	6	H	M	M	M	L	H	M	M	M	M
		J	11.06	950	35	S	1	H	M	M	M	L	H	M	M	M	
		K	158.47	1,070	35	NE	1	H	M	M	M	L	H	M	M	M	
		L	11.84	990	35	E	6	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		M	7.20	1,000	25	S	6	H	L	M	M	L	H	M	L	M	M
		N	2.52	1,080	35	E	6	H	M	M	M	L	H	M	M	M	M
		O	1.03	1,170	15	SE	6	H	L	M	L	L	H	H	L	M	M
		Total	579.08														
I	11	A	1.59	880	40	SE	1	H	M	M	M	L	H	M	M	M	
		B	128.65	905	38	N	6	H	M	M	M	L	H	M	M	M	M
		C	20.57	860	38	NE	1	H	M	M	M	L	H	M	M	M	
		D	2.78	1,110	50	SE	1	H	M	M	M	L	H	M	M	M	
		E	319.36	1,021	38	N	1	H	M	M	M	L	H	M	M	M	
		F	57.79	1,220	42	NE	3	H	M	M	M	L	H	M	M	M	
		G	2.79	910	40	SE	4	H	M	M	H	L	H	L	M	M	
		H	1.86	830	35	SW	4	H	M	M	H	L	H	L	M	M	
		I	3.66	1,070	50	SE	4	H	M	M	H	L	H	L	M	M	
		J	6.70	783	32	NE	4	H	M	H	H	L	H	L	M	L	
		K	5.83	890	40	SE	4	H	M	M	H	L	H	L	M	M	
		L	3.33	1,160	15	E	6	H	L	M	L	L	H	H	L	M	M
		M	51.20	848	28	N	6	H	M	M	M	L	H	M	M	M	M
		N	12.08	1,060	30	SE	2	H	M	M	M	L	H	M	M	M	
		O	2.78	1,020	25	E	2	H	L	M	L	L	H	H	L	M	
		P	52.97	832	29	NE	6	H	M	M	M	L	H	M	M	M	M
		Q	5.44	770	3	SE	4	L	L	L	L	L	M	L	L	M	
		Total	679.38														
I	12	A	109.99	870	33	NE	6	H	M	M	M	L	H	M	M	M	M
		B	6.27	1,160	45	N	2	H	M	M	M	L	H	M	M	M	
		C	243.03	981	37	N	1	H	M	M	M	L	H	M	M	M	
		D	23.46	1,160	45	N	3	H	M	M	M	L	H	M	M	M	
		E	3.63	820	10	NE	4	M	L	M	L	L	H	M	L	M	
		F	31.28	858	26	N	6	H	M	H	M	L	H	M	M	L	M
		G	93.66	1,297	53	N	3	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		H	24.15	1,053	36	N	6	H	M	M	M	L	H	M	M	M	M
		I	1.59	820	45	NE	6	H	M	M	M	L	H	M	M	M	L
		J	10.48	1,010	65	NE	6	H	L	M	M	L	H	M	L	M	L
		Total	547.54														
I	13	A	16.39	1,060	33	SW	1	H	M	M	M	L	H	M	M	M	
		B	6.97	970	43	S	6	H	M	M	M	L	H	M	M	M	L
		C	166.76	930	39	N	6	H	H	M	M	L	H	M	H	M	M
		D	8.71	905	23	N	4	H	L	H	M	L	H	M	L	L	
		E	1.89	900	20	S	6	H	L	M	M	L	H	M	L	M	L
		F	65.46	1,100	48	NE	1	H	M	M	M	L	H	M	M	M	
		G	63.34	1,190	50	E	3	H	M	M	M	L	H	M	M	M	
		H	9.16	1,190	50	E	1	H	M	M	M	L	H	M	M	M	
		Total	338.68														
II	14	A	118.22	805	29	S	6	H	M	M	M	L	H	M	M	M	M
		B	8.01	800	30	SW	1	H	M	M	M	L	H	M	M	M	
		C	12.34	920	30	S	1	H	M	M	M	L	H	M	M	M	
		D	9.28	835	33	S	4	H	M	M	H	L	H	L	M	M	
		E	11.61	845	31	SE	2	H	M	M	M	L	H	M	M	M	
		F	7.50	880	35	NW	1	H	M	M	M	L	H	M	M	M	
		G	73.34				ISF										
		H	31.82	860	30	SW	1	H	M	M	M	L	H	M	M	M	
		I	2.77	860	30	SW	6	H	M	M	M	L	H	M	M	M	L
		Total	274.89														
II	15	A	3.21	770	27	W	4	H	M	M	H	L	H	L	M	M	
		B	83.29	802	34	N	6	H	M	M	M	L	H	M	M	M	M
		C	6.68	830	38	NE	4	H	M	M	H	L	H	L	M	M	
		D	24.44	915	43	N	1	H	M	M	M	L	H	M	M	M	
		E	1.90	910	38	NW	6	H	M	M	M	L	H	M	M	M	L

PARCEL	COMPARTMENT	SUB-COMPARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COLLAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COLLAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		F	1.57	800	32	W	4	H	M	M	H	L	H	L	M	M	
		G	49.31	920	33	W	6	H	M	M	M	L	H	M	M	M	L
		H	208.24	1,050	49	NW	1	H	M	M	M	L	H	M	M	M	
		I	9.43	1,210	52	NW	3	H	M	M	L	L	H	H	M	M	
		J	3.56	940	47	NE	6	H	M	M	M	L	H	M	M	M	L
		K	4.16	940	42	NE	4	H	M	M	H	L	H	L	M	M	
		L	32.92	980	41	N	6	H	M	M	M	L	H	M	M	M	L
		M	11.87	960	43	NW	3	H	M	M	M	L	H	M	M	M	
		N	11.35	870	43	W	6	H	M	M	M	L	H	M	M	M	L
		Total	451.93														
II	16	A	3.54	870	20	NE	4	H	L	M	M	L	H	M	L	M	
		B	47.48	902	38	NE	6	H	M	M	M	L	H	M	M	M	M
		C	226.16	930	35	NE	1	H	M	M	M	L	H	M	M	M	
		D	8.70	1,180	50	N	3	H	M	M	M	L	H	M	M	M	
		E	1.88	890	38	NW	1	H	M	M	M	L	H	M	M	M	
		F	26.49	913	39	N	6	H	M	M	M	L	H	M	M	M	M
		G	3.06	970	38	N	6	H	M	M	M	L	H	M	M	M	L
		H	10.86	880	36	NE	4	H	M	M	H	L	H	L	M	M	
		I	7.48	920	39	N	6	H	M	M	M	L	H	M	M	M	L
		J	14.03	890	33	N	4	H	M	M	H	L	H	L	M	M	
		Total	349.68														
II	17	A	285.78	887	33	NE	6	H	M	M	M	L	H	M	M	M	M
		B	21.27	730	7	E	4	L	L	M	L	L	H	L	L	M	
		C	14.88	800	34	W	6	H	M	M	M	L	H	M	M	M	M
		D	4.74	900	33	SE	1	H	M	M	M	L	H	M	M	M	
		E	2.75	900	33	SE	1	H	M	M	M	L	H	M	M	M	
		F	29.13	1,040	33	NE	1	H	M	M	M	L	H	M	M	M	
		G	6.00	1,120	38	NE	6	H	M	M	M	L	H	M	M	M	L
		H	17.69	1,015	36	E	6	H	M	M	M	L	H	M	M	M	L

PARCEL	COMPARTMENT	SUB-COMPARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COLLAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COLLAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		I	1.23	900	33	E	4	H	M	M	H	L	H	L	M	M	
		J	69.39	764	25	N	6	H	M	M	M	L	H	M	M	M	M
		K	5.00	790	38	NW	1	H	M	M	M	L	H	M	M	M	
		L	12.56	740	28	NW	1	H	M	M	M	L	H	M	M	M	
		M	44.97				ISF										
		N	1.54	840	25	SE	6	H	L	M	L	L	H	H	L	M	
		Total	516.93														
II	18	A	339.38	894	28	N	6	H	M	M	M	L	H	M	M	M	M
		B	4.16	890	30	SE	1	H	M	M	M	L	H	M	M	M	
		C	4.60	920	38	SE	4	H	M	M	H	L	H	L	M	M	
		D	20.80	939	34	N	1	H	M	M	M	L	H	M	M	M	
		E	23.87	973	36	NE	2	H	M	M	M	L	H	M	M	M	
		F	29.41				ISF										
		G	4.96	870	35	NW	1	H	M	M	M	L	H	M	M	M	
		Total	427.18														
II	19	A	186.48	852	33	N	6	H	H	M	M	M	H	M	M	M	M
		B	8.60	850	32	E	2	H	M	M	M	L	H	M	M	M	
		C	3.43	935	40	N	1	H	M	M	M	L	H	M	M	M	
		D	5.28	835	29	E	4	H	M	M	H	L	H	L	M	M	
		E	98.70	918	36	N	1	H	M	M	M	L	H	M	M	M	
		F	20.94	1,003	40	NW	6	H	M	M	M	L	H	M	M	M	M
		G	22.27	907	36	N	1	H	M	M	M	L	H	M	M	M	
		H	2.24	920	20	NW	6	H	L	M	M	L	H	M	L	M	M
		I	56.08	840	27	N	6	H	M	H	M	L	H	M	M	L	M
		J	21.23				ISF										
		K	3.05	1,150	33	NW	6	H	M	M	M	L	H	M	M	M	L
		Total	428.30														
II	20	A	2.91	840	30	SW	1	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		B	29.15	845	34	NW	2	H	M	M	M	L	H	M	M	M	
		C	29.47	840	34	W	1	H	M	M	M	L	H	M	M	M	
		D	22.16	850	39	SE	6	H	M	M	M	L	H	M	M	M	M
		E	35.43	887	38	SW	1	H	M	M	M	L	H	M	M	M	
		F	24.19	875	39	SE	6	H	M	M	M	L	H	M	M	M	M
		G	64.39	967	43	SW	1	H	M	M	M	L	H	M	M	M	
		H	9.97	960	40	SE	6	H	M	M	M	L	H	M	M	M	L
		I	37.00				ISF										
		J	60.30	873	36	NE	6	H	M	M	M	L	H	M	M	M	M
		K	2.20	1,030	50	NE	1	H	M	M	M	L	H	M	M	M	
		L	46.93	900	36	E	1	H	M	M	M	L	H	M	M	M	
		M	77.57	877	37	N	6	H	H	M	M	M	H	M	M	M	M
		Total	441.67														
II	21	A	10.66	870	38	S	2	H	M	M	M	L	H	M	M	M	
		B	23.47	777	30	E	6	H	H	H	M	M	H	M	M	L	M
		C	7.73	830	34	S	1	H	M	M	M	L	H	M	M	M	
		D	25.03	805	29	SE	2	H	M	M	M	L	H	M	M	M	
		E	4.06	795	37	SE	1	H	M	M	M	L	H	M	M	M	
		F	216.55				ISF										
		G	13.00	777	30	E	6	H	H	H	M	M	H	M	M	L	M
		H	10.41	880	42	NW	1	H	M	M	M	L	H	M	M	M	
		I	24.00	777	30	E	6	H	H	H	M	M	H	M	M	L	M
		J	10.00	870	40	SW	1	H	M	M	M	L	H	M	M	M	
		K	50.00	777	30	E	6	H	H	H	M	M	H	M	M	L	M
		L	15.98	860	37	SW	1	H	M	M	M	L	H	M	M	M	
		Total	410.89														
II	22	A	152.96	747	28	NE	6	H	M	H	M	L	H	M	M	L	H
		B	331.57				ISF										
		C	9.53	790	37	S	1	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		D	4.50	740	30	SW	1	H	M	M	M	L	H	M	M	M	
		E	8.86	880	33	NE	1	H	M	M	M	L	H	M	M	M	
		Total	507.42														
II	23	A	121.71				ISF										
		B	197.85	733	22	N	6	H	M	M	M	L	H	M	M	M	H
		C	9.73	710	4	N	4	M	L	H	L	L	H	M	L	L	
		D	6.63	775	33	SE	4	H	M	M	H	L	H	L	M	M	
		E	4.60	830	38	NE	4	H	M	M	H	L	H	L	M	M	
		F	2.74	820	37	NW	4	H	M	M	H	L	H	L	M	M	
		G	1.65	730	5	NW	4	L	M	L	L	L	M	L	M	M	
		H	11.89	757	24	N	1	H	H	H	M	L	H	M	H	L	
		I	21.74	776	19	N	4	H	H	M	H	M	H	L	M	M	
		J	57.80				ISF										
		K	23.92	890	37	NE	1	H	M	M	M	L	H	M	M	M	
		L	25.00	802	30	N	6	H	H	H	M	M	H	M	M	L	H
		M	1.00	940	40	N	1	H	M	M	M	L	H	M	M	M	
		Total	486.26														
II	24	A	15.50	960	33	SE	6	H	M	M	M	L	H	M	M	M	L
		B	185.60	963	40	SE	1	H	M	M	M	L	H	M	M	M	
		C	10.56	960	33	SE	2	H	M	M	M	L	H	M	M	M	
		D	4.07	950	25	E	1	H	L	M	L	L	H	H	L	M	
		E	208.88	809	24	SE	6	H	M	M	M	L	H	M	M	M	H
		F	1.87	1,180	45	SE	6	H	M	M	M	L	H	M	M	M	L
		G	1.73	860	30	SW	1	H	M	M	M	L	H	M	M	M	
		H	3.60	920	35	SE	6	H	M	M	M	L	H	M	M	M	M
		I	2.16	980	45	NE	6	H	M	M	M	L	H	M	M	M	L
		J	79.19	858	22	NE	6	H	M	M	M	L	H	M	M	M	H
		K	80.17				ISF										
		L	4.97	835	38	SW	4	H	M	M	H	L	H	L	M	M	

PARCEL	COMPART-MENT	SUB-COMPARTMENT	AREA(㏊)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COLLAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COLLAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		M	2.67	830	35	SE	1	H	M	M	M	L	H	M	M	M	
		N	19.10	940	32	S	2	H	M	M	M	L	H	M	M	M	
		O	3.49	790	15	SW	4	M	L	L	L	L	M	M	L	M	
		P	5.00	900	32	SE	6	H	M	M	M	L	H	M	M	M	L
		Total	628.56														
Ⅲ	25	A	102.77	1,114	53	SW	3	H	H	M	M	L	H	M	H	M	
		B	341.75	996	44	SW	1	H	H	H	M	L	H	M	H	L	
		C	3.08	960	45	NW	6	H	M	M	M	L	H	M	M	M	L
		D	11.41	990	40	NW	6	H	M	M	M	L	H	M	M	M	L
		E	3.14	950	45	NE	6	H	M	M	M	L	H	M	M	M	L
		F	20.29	890	42	N	6	H	M	M	M	L	H	M	M	M	M
		G	33.15	1,010	60	NW	3	H	H	M	L	L	H	H	H	M	
		H	5.95	980	50	E	6	H	M	M	M	L	H	M	M	M	L
		I	28.19	743	24	N	4	H	M	H	H	L	H	L	M	L	
		J	51.02	814	36	N	6	H	H	M	M	M	H	M	M	M	L
		Total	600.75														
Ⅲ	26	A	302.93	760	42	NE	1	H	M	M	M	L	H	M	M	M	
		B	41.37	1,030	50	W	3	H	M	M	M	L	H	M	M	M	
		C	356.03	516	27	N	6	H	M	M	M	L	H	M	M	M	H
		D	11.62	455	19	SW	1	H	M	H	M	L	H	M	M	L	
		E	8.09	450	33	SW	1	H	M	M	M	L	H	M	M	M	
		F	12.29	535	35	SW	1	H	M	M	M	L	H	M	M	M	
		G	2.30	760	40	W	4	H	M	M	H	L	H	L	M	M	
		H	10.85	657	29	W	4	H	M	M	H	L	H	L	M	M	
		I	65.40	582	37	N	2	H	M	M	M	L	H	M	M	M	
		J	68.25				ISF										
		K	32.45				ISF										
		L	2.77	383	17	S	4	H	L	M	M	L	H	M	L	M	
		Total	914.35														

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
Ⅲ	27	A	63.25	1,040	50	W	3	H	M	M	M	L	H	M	M	M	
		B	6.53	1,040	50	W	3	H	M	M	M	L	H	M	M	M	
		C	11.48	1,040	50	W	3	H	M	M	M	L	H	M	M	M	
		D	326.65	634	36	N	1	H	H	M	M	L	H	M	H	M	
		E	5.53	625	34	W	4	H	M	M	H	L	H	L	M	M	
		F	87.06	570	38	N	6	H	H	M	M	M	H	M	M	M	M
		G	141.81	526	36	NE	6	H	M	M	M	L	H	M	M	M	M
		H	6.58	560	40	SE	1	H	M	M	M	L	H	M	M	M	
		Total	648.89														
Ⅲ	28	A	7.39	1,020	35	W	3	H	M	M	M	L	H	M	M	M	
		B	123.23	793	30	W	1	H	M	M	M	L	H	M	M	M	
		C	3.60	780	25	W	4	H	L	M	M	L	H	M	L	M	
		D	1.25	750	25	N	4	H	L	M	M	L	H	M	L	M	
		E	310.71	618	29	N	6	H	M	M	M	L	H	M	M	M	M
		F	9.82	630	30	NW	1	H	M	M	M	L	H	M	M	M	
		G	12.61	720	35	S	1	H	M	M	M	L	H	M	M	M	
		H	1.70	790	15	SW	6	H	L	M	L	L	H	H	L	M	M
		I	1.00				ISF										
		Total	471.31														
Ⅲ	29	A	4.44	480	45	NE	1	H	M	M	M	L	H	M	M	M	
		B	357.43	545	37	NE	6	H	M	M	M	L	H	M	M	M	M
		C	2.11	650	30	N	1	H	M	M	M	L	H	M	M	M	
		D	11.20	580	38	NE	1	H	M	M	M	L	H	M	M	M	
		E	4.64	545	50	NE	1	H	M	M	M	L	H	M	M	M	
		F	10.16	570	45	N	1	H	M	M	M	L	H	M	M	M	
		G	6.94	525	39	N	1	H	M	M	M	L	H	M	M	M	
		H	14.20	650	45	N	1	H	M	M	M	L	H	M	M	M	
		I	50.78				ISF										
		J	6.07	410	33	NE	1	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		K	7.95	410	35	N	1	H	M	M	M	L	H	M	M	M	
		Total	475.92														
Ⅲ	30	A	458.31	430	30	N	6	H	M	M	M	L	H	M	M	M	H
		B	19.45				ISF										
		C	4.99	520	40	NW	1	H	M	M	M	L	H	M	M	M	
		D	7.69	390	28	N	1	H	M	M	L	L	H	H	M	M	
		E	1.44	360	17	NE	1	H	L	M	L	L	H	H	L	M	
		F	8.40	410	33	SE	1	H	M	M	M	L	H	M	M	M	
		Total	500.28														
Ⅲ	31	A	2.53	335	7	NW	4	M	L	M	L	L	H	M	L	M	
		B	6.96	365	35	N	6	H	H	M	M	M	H	M	M	M	L
		C	16.31	430	40	N	1	H	M	M	M	L	H	M	M	M	
		D	15.19	375	38	N	1	H	M	M	M	L	H	M	M	M	
		E	1.70	340	15	NE	4	H	M	H	M	L	H	M	M	L	
		F	356.18	493	47	W	6	H	H	M	M	M	H	M	M	M	M
		G	30.81				ISF										
		H	2.28	350	10	NE	1	H	L	M	L	L	H	H	L	M	
		I	3.80	380	35	NE	6	H	M	M	M	L	H	M	M	M	M
		J	2.62	410	40	N	2	H	M	M	M	L	H	M	M	M	
		Total	438.38														
Ⅲ	32	A	205.07	470	35	NE	6	H	H	M	M	M	H	M	M	M	M
		B	3.21	420	33	E	1	H	H	M	M	L	H	M	H	M	
		C	18.46	413	27	NE	1	H	M	M	M	L	H	M	M	M	
		D	1.43	350	3	S	4	L	M	M	L	L	H	L	M	M	
		Total	228.17														
Ⅲ	33	A	92.71	495	38	SW	6	H	M	M	M	L	H	M	M	M	M
		B	37.64	452	38	SE	1	H	M	M	M	L	H	M	M	M	

PARCEL	COMPART-MENT	SUB-COM PARTMENT	AREA(ha)	ELEVATION (m)	SLOPE(%)	ASPECT	VEGETATION & LAND USE	SOIL EROSION POTENTIAL (2)	HAZARD OF LAND COL-LAPSE & SLIDE(2)	WATER HOLDING POTENTIAL (2)	INTEGRATED SOIL EROSION POTENTIAL	INTEGRATED HAZARD OF LAND COL-LAPSE & SLIDE	INTEGRATED WATER HOLDING POTENTIAL	VEGETATION IMPACT ON SOIL EROSION POTENTIAL	VEGETATION IMPACT ON HAZARD OF LAND COLLAPSE & SLIDE	VEGETATION IMPACT ON WATER HOLDING POTENTIAL	TREE GROWTH POTENTIAL
		C	27.54	433	32	SE	6	H	M	H	M	L	H	M	M	L	H
		D	3.09	440	43	S	2	H	M	M	M	L	H	M	M	M	
		E	3.20	430	43	SE	2	H	M	M	M	L	H	M	M	M	
		F	8.43	460	50	SW	2	H	M	M	M	L	H	M	M	M	
		G	2.67	470	40	SE	2	H	M	M	M	L	H	M	M	M	
		H	40.95	390	29	SE	6	H	M	M	M	L	H	M	M	M	M
		I	16.40				ISF										
		J	2.47	350	3	W	4	M	L	H	L	L	H	M	L	L	
		Total	235.10														
Ⅲ	34	A	69.71	480	35	S	6	H	M	M	M	L	H	M	M	M	M
		B	174.14	422	33	NE	1	H	M	M	M	L	H	M	M	M	
		C	48.27	610	38	NW	6	H	M	M	M	L	H	M	M	M	M
		D	2.21	670	35	NW	6	H	M	M	M	L	H	M	M	M	M
		E	4.53	460	45	NW	2	H	M	M	M	L	H	M	M	M	
		F	7.34	440	38	NW	2	H	M	M	M	L	H	M	M	M	
		G	2.62	460	60	N	2	H	L	M	L	L	H	H	L	M	
		H	2.10	470	40	N	2	H	M	M	M	L	H	M	M	M	
		I	55.74	363	21	N	6	H	M	H	M	L	H	M	M	L	M
		J	196.89				ISF										
		K	3.96	365	28	SE	6	H	M	M	M	L	H	M	M	M	M
		L	7.08	390	35	SW	1	H	M	M	M	L	H	M	M	M	
		M	13.54	364	25	SE	6	H	M	M	M	L	H	M	M	M	M
		N	2.96	380	25	SE	1	H	L	M	L	L	H	H	L	M	
		O	7.42	367	30	SE	1	H	M	M	M	L	H	M	M	M	
		P	7.00	364	25	SE	6	H	M	M	M	L	H	M	M	M	M
		Total	605.51														
Ⅲ	35	A	137.13	394	31	NE	6	H	M	M	M	L	H	M	M	M	M
		B	3.96	410	18	NW	1	H	L	M	L	L	H	H	L	M	
		C	16.99	390	36	NW	1	H	M	M	M	L	H	M	M	M	