















































	Num	ber of cel	ls Minimu	ım	Maximum	Mean	SCA (m ² m ⁻¹)	Standard Devia	tion (m ² m ⁻¹)
28		1,263,2	96 7	.07	2237670.25	3715.27		60584.28	
Rho8		1,263,2	96 7	.07	2236030.25	3714.18		60469.64	
)∞		1,263,2	96 10	.00	2236762.00		3934.18	61469.0	
D8		1,263,2	96 2	.56	2341777.00		4355.83	69911.6	
DEMON		1,263,29	96 7	.07	2214353.00		3428.91	55657.1	
					6	^ A (m2n	- 1)		
						5A (III-II	r.)		
		≤ 10.0	10.1 – 20	20.1	1 - 40 40.	.1 - 70	70.1 - 100	100.1 - 1000	> 1000
D8		≤ 10.0 12.8	10.1 – 20 18.5	20 .*	1 - 40 40. 6.9	. 1 - 70 16.3	70.1 - 100 7.2	100.1 – 1000 13.3	> 1000 5.1
D8 Rho8		≤ 10.0 12.8 13.4	10.1 – 20 18.5 21.6	20 .* 2	1 - 40 40. 16.9	. 1 - 70 16.3 14.3	70.1 - 100 7.2 6.7	100.1 – 1000 13.3 14.0	> 1000 5.1 5.1
D8 Rho8 D∞		≤ 10.0 12.8 13.4 7.6	10.1 – 20 18.5 21.6 12.9	20. ⁻ 2 2	1 - 40 40. 16.9 - 15.0 - 19.9 2	1 - 70 16.3 14.3 20.1	70.1 - 100 7.2 6.7 7.9	100.1 – 1000 13.3 14.0 16.0	> 1000 5.1 5.1 5.7
D8 Rho8 D∞ FD8		≤ 10.0 12.8 13.4 7.6 4.5	10.1 – 20 18.5 21.6 12.9 12.1	20. ⁻ 2 2 2 2	1 - 40 40. (6.9 - (5.0 - (9.9 - (4.5 -	1 - 70 16.3 14.3 20.1 20.7	70.1 - 100 7.2 6.7 7.9 10.0	100.1 - 1000 13.3 14.0 16.0 23.2	> 1000 5.1 5.1 5.7 5.2







Matc	hed p	baiı	rs t-t	est				-	7
			Class 6 –	Ridgelin	es				Τ
				D8	Rho8	D∞	FD8	DEMON	
Used critical	t-test value	s	D8						
of ±1.96 (5%	6) and ±2.58		Rho8	-3.55					
(1% level of	(1% level of significance)		D∞	-10.97	1.38				
			FD8	-5.94	-3.67	-3.44			
			DEMON	-10.93	-5.22	-6.81	1.16		
	Class 4 - N	lorth-fa	cing slope	s					
		D8	Rho8	D∞	FD8	DEMON			- 1
	D8								1
	Rho8	-1.04							- 1
	D∞	-2.20	-1.42						- 1
	FD8	4.00	-3.33	-1.98					- 1
	DEMON	-3.78	-1.09	0.76	3.08				
GIS research laboratory						Wilson	, Lam, I	Deng, and A TADTM	gget 200



Matc	hed	pa	air	s t	-t	est						-
Class 2 –	Moderate	ely stee	p lov	ver vall	ley	slopes						
	D8	Rho	5 8	D∞		FD8		DEMO	N			
D8												
Rho8	1.78											
D∞	0.85	-1.9	96									
FD8	-0.38	-2.2	26	-1.16	6							
DEMON	-0.55	-2.1	6	-1.19)	0.16						
			Cla	ss 3 - S	Stre	am cha	Inn	els				
						D8	1	Rho8	D∞	FD8	DEMON	1
			D8									1
			Rhe	5 8		1.02						1
			D∞			-0.94		-1.15				1
			FD	3		-1.82		-1.44	0.82			1
			DE	MON		2.40		0.08	1.17	2.71		1
S research teboratory									Wilso	on, Lam,	Deng, and	Agg

Class 1 -	D8	Rho8	D∞	FD8	DEM	ON			
D8									
Rho8	-1.61								
D∞	0.98	0.99							
FD8	-1.13	-1.05	-1.00						
DEMON	-0.19	1.01	-0.98	1.01					
			Lov	, eleva	tion su	mmarv			
					D8	Rho8	D∞	FD8	DEMON
			D8		-				
			Rho	8	0	-			
			D∞		0	0	-		
			FD8		0	1	0	-	
			DE	NON	1	1	0	1	-

 Numb hypoth 	er of lai	ndsca vas rej	pe clas	ses fo	or whic	h null		
[D8	Rho8	D∞	FD8	DEMON	1	I
	D8	-					1	I
	Rho8	1	-				1	I
	D∞	3	0	-			1	I
	FD8	3	3	3	-		1	I
	DEMON	4	2	1	3	-]	I
Pilo Pessarch								

	Number	Number of Cells with SCA ≥ 5,300 m ² m ⁻¹								
Landscape Class	of Cells	D8	Rho8	D∞	FD8	DEMON				
Hilltops / ridgelines	256,012	0	13	15	0	1				
Steep south-facing slopes	323,989	8	158	133	11	5				
Steep north-facing slopes	231,180	5	137	159	6	6				
Moderately steep lower valley slopes	169,173	949	1,439	1,669	1,013	810				
Coastal plains / gentle slopes	177,787	801	1,221	1,494	884	793				
Stream channels	103,888	26,866	25,744	27,853	27,896	25,678				
Total Area	1,262,029	28,685	28,766	31,340	29,885	27,316				

	Number	N	umber of Ce	IIs with SC	A ≤ 10 m²n	1-1
Landscape Class	of Cells	D8	Rho8	D∞	FD8	DEMON
lilltops / ridgelines	256,012	114,186	79,789	64,966	39,215	23,583
Steep south-facing slopes	323,989	1,686	25,568	481	107	91
Steep north-facing slopes	231,180	5,630	18,584	331	72	86
Moderately steep lower valley slopes	169,173	37	8,245	175	15	9
Coastal plains / gentle slopes	177,787	39,893	36,526	28,995	16,709	9,960
Stream channels	103,888	35	459	94	62	27
Total Area	1,262,029	161,467	169,171	95,042	56,180	33,756





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