Appendix 1: Map Unit Habitat Characteristics

The following table summarises elevation, climate and lithology data for the field survey sites allocated to each map unit. Data were derived in a geographic information system by intersecting the locations of classified sites against spatial environmental data layers (see Table 4).

Values given for elevation, rainfall and temperatures are (minimum) 25th percentile – 75th percentile (maximum). Lithology indicates the mapped lithological classes which the field samples for each map unit were most frequently located on (ae=aeolian sediments; al=alluvium, gr=granitic; hqs=high-quartz sedimentary; ia=inactive alluvium; li=limestone; lqs=low-quartz sedimentary; ma=marine/coastal sands; mf=transitional sedimentary; va=acid volcanic; vb=basaltic; xx=excavated/filled land; and water=water bodies including rivers and lakes).

Map Unit	n	Elevation (metres above sea level)	Average Annual Rainfall (mm)	Maximum Temp. of Warmest Period (degC)	Minimum Temp. of Coldest Period (degC)	Soil Landscape Lithology (% frequency)
e1	22	(16) 213-377 (569)	(784) 903-964 (1057)	(23.5) 24-24.3 (25.3)	(0.3) 0.9-2.4 (5)	gr(82) lqs(14) hqs(5)
e3	18	(90) 268-548 (784)	(773) 952-1047 (1082)	(22.6) 23.2-24 (25.6)	(-0.4) 0.3-2.4 (3.7)	gr(56) hqs(33) lqs(11)
e4	14	(85) 321-462 (634)	(917) 950-1012 (1087)	(23.2) 24.2-25 (25.2)	(-0.2) 0.5-1.2 (2)	lqs(57) hqs(43)
e6e7	88	(13) 220-432 (675)	(839) 938-1035 (1229)	(21.2) 23.6-24.7 (25.6)	(-0.4) 0.8-3.1 (6)	lqs(38) gr(36) hqs(18)
e9	12	(797) 840-1000 (1030)	(1056) 1071-1238 (1267)	(20.7) 20.7-22.9 (23.2)	(-1.7) -1--0.6 (-0.5)	gr(92) lqs(8)
e10	100	(183) 735-919 (1185)	(808) 1049-1104 (1311)	(20.8) 22.3-23.1 (24.8)	(-1.6) -1--0.1 (3)	gr(87) lqs(4) al(3) hqs(3)
e11	23	(752) 856-910 (945)	(885) 1087-1108 (1139)	(22.2) 22.5-22.7 (23.2)	(-1.1) -0.8--0.6 (-0.4)	gr(96) hqs(4)
e12	95	(165) 588-789 (1060)	(841) 996-1091 (1296)	(21.3) 23-23.7 (24.8)	(-1.3) -0.3-0.8 (5.4)	gr(55) lqs(22) va(14)
e13	65	(6) 144-450 (839)	(833) 922-1018 (1318)	(21) 23.6-24.3 (25.2)	(-0.4) 1.1-2.7 (6.9)	gr(46) lqs(23) hqs(17)
e14	46	(59) 295-482 (700)	(863) 1000-1131 (1221)	(21.5) 22.2-23.4 (25)	(0.6) 1.7-2.7 (6)	hqs(50) gr(24) lqs(20)
e15	139	(267) 613-845 (1127)	(911) 1036-1116 (1390)	(19.7) 22.1-23.2 (24.5)	(-1.2) -0.6-0.4 (1.8)	gr(94) lqs(4) hqs(1) va(1)
e17	28	(93) 483-565 (922)	(895) 959-1001 (1082)	(22.5) 23.3-23.7 (24.2)	(-1) 0.2-0.8 (4.6)	gr(93) lqs(7)
e18	28	(104) 161-254 (802)	(846) 942-1019 (1091)	(22.6) 24.5-25 (25.3)	(-0.3) 1.5-2 (4.5)	gr(86) lqs(7) hqs(4) vb(4)
e19	95	(4) 125-246 (482)	(763) 869-984 (1081)	(23.3) 24.6-25.2 (26.1)	(0.2) 1.6-2.2 (4)	gr(61) lqs(23) al(5)
e20p229	128	(7) 101-204 (862)	(566) 815-980 (1049)	(23.8) 24.7-25.6 (26.3)	(-1.8) 1.5-2.2 (4.5)	gr(69) lqs(25) al(3) hqs(3)
e24	32	(772) 948-1090 (1210)	(769) 874-1031 (1184)	(21.3) 22.2-22.6 (23.6)	(-2) -1.3--1.1 (-0.8)	gr(59) lqs(28) hqs(9)
e25	11	(370) 798-887 (1040)	(920) 1089-1216 (1256)	(20.7) 21.3-22.2 (24)	(-1.7) -0.6--0.5 (1.2)	lqs(91) gr(9)
e26	38	(273) 390-704 (870)	(897) 949-1020 (1104)	(22.1) 23-23.3 (24.2)	(-1.2) 0-1.7 (2.7)	gr(71) lqs(29)
e27	7	(330) 360-396 (501)	(987) 1003-1029 (1091)	(22.6) 22.9-23.1 (23.2)	(1.5) 1.8-2.3 (2.5)	gr(100)
e28	11	(424) 456-488 (491)	(903) 919-942 (1064)	(23.3) 23.9-24.1 (24.2)	(0.6) 0.6-0.8 (1.1)	gr(100)
e29	19	(392) 535-655 (731)	(927) 963-1041 (1172)	(22.1) 23.2-23.7 (24.1)	(-0.8) 0-0.6 (1.7)	gr(89) lqs(11)
e30	11	(11) 207-424 (610)	(839) 941-1009 (1084)	(22.5) 23.1-23.7 (24.6)	(0.1) 1.7-3.3 (5)	gr(45) hqs(18) lqs(18) va(18)
e31	56	(145) 389-570 (916)	(858) 914-1044 (1138)	(22.3) 23.1-24.1 (24.3)	(-1.2) 0.6-1.2 (2.9)	gr(95) lqs(5)
e32a	93	(23) 78-221 (647)	(876) 988-1048 (1100)	(23.7) 24.1-24.3 (25.7)	(-0.2) 2.5-3.9 (4.5)	lqs(73) hqs(23) gr(4)
e32b	45	(12) 80-179 (375)	(884) 945-1011 (1071)	(21.5) 24-24.3 (24.6)	(2) 2.5-3.4 (5.4)	lqs(51) hqs(24) va(18)
e33	32	(54) 278-385 (641)	(863) 964-1037 (1226)	(21.5) 23.2-23.9 (24.2)	(0.4) 1.7-2.5 (4)	lqs(41) gr(28) hqs(25)

Map Unit	n	Elevation (metres above sea level)	Average Annual Rainfall (mm)	Maximum Temp. of Warmest Period (degC)	Minimum Temp. of Coldest Period (degC)	Soil Landscape Lithology (% frequency)
e34	49	(9) 51-163 (426)	(849) 958-1019 (1101)	(23.1) 24.2-24.7 (25.2)	(1.2) 2.2-3.7 (5.5)	lqs(78) hqs(12) gr(6)
e35	59	(32) 280-466 (756)	(806) 893-1050 (1149)	(22.8) 23.7-24.5 (25.2)	(0) 1-1.9 (3.5)	gr(68) lqs(27) hqs(3)
e37	20	(2) 9-127 (262)	(838) 892-992 (1062)	(21.2) 21.8-23.2 (24.5)	(2.5) 4.6-6.2 (7.1)	hqs(60) lqs(30) ma(10)
e38	5	(12) 26-325 (369)	(842) 885-919 (958)	(22.5) 23.2-24 (24.2)	(1.1) 2.2-5.1 (6)	gr(40) al(20) hqs(20) lqs(20)
e39	14	(30) 100-202 (269)	(783) 798-855 (951)	(24.6) 24.7-25.5 (25.8)	(1.1) 1.3-2.4 (3.5)	al(57) gr(29) hqs(7) lqs(7)
e42	67	(94) 354-516 (938)	(932) 1018-1112 (1242)	(20.7) 22.6-23.2 (24.2)	(-0.3) 1.3-2.3 (5.1)	gr(64) hqs(13) va(13)
e43	15	(100) 490-733 (942)	(905) 980-1130 (1158)	(21.3) 22.2-23.5 (24.1)	(-0.8) -0.2-0.8 (4.3)	lqs(80) gr(20)
e44	42	(91) 601-833 (1006)	(874) 1033-1107 (1202)	(21.2) 22.2-23.1 (24)	(-1.3) -0.6-0.5 (3.7)	gr(79) lqs(14) hqs(7)
e45	29	(16) 595-911 (1007)	(911) 1006-1102 (1240)	(20.7) 22.1-23.1 (23.7)	(-1.2) -1-0.2 (7)	gr(86) hqs(7) lqs(7)
e46b	25	(16) 49-114 (169)	(860) 886-983 (1044)	(21.8) 22.8-24.2 (24.7)	(2.5) 3.7-4.9 (6.9)	hqs(64) lqs(24)
e47	22	(20) 117-499 (789)	(867) 960-1146 (1389)	(20.3) 21.2-22.1 (23.8)	(1.1) 2.1-5 (7.3)	hqs(82) lqs(14) ae(5)
e48	15	(118) 212-446 (548)	(1012) 1040-1132 (1171)	(22.8) 23.2-24 (24.6)	(1.3) 1.7-2.4 (2.7)	gr(100)
e49	43	(56) 245-537 (888)	(893) 952-1099 (1201)	(21.7) 22.8-23.7 (24.7)	(-0.6) 1.4-2.7 (4.8)	hqs(37) va(37) gr(12)
e50	7	(325) 368-570 (725)	(903) 931-978 (1008)	(22.8) 23.3-23.7 (24.1)	(-0.8) 0.3-1.2 (2.7)	lqs(57) gr(29) hqs(14)
e51	16	(141) 216-394 (613)	(896) 948-1063 (1211)	(21.8) 22.8-23.7 (24)	(1.5) 2-3 (3.4)	va(81) hqs(13) al(6)
e52	8	(591) 654-776 (1020)	(1057) 1169-1215 (1232)	(20.7) 21.6-22.2 (23)	(-1.1) -0.4-0.7 (1.1)	gr(100)
e53	30	(525) 762-1055 (1226)	(575) 886-1007 (1194)	(20.6) 22.2-23.8 (25.1)	(-1.7) -1.3--0.6 (0.6)	hqs(43) lqs(43) gr(7) va(7)
e54	18	(33) 82-445 (527)	(892) 931-1209 (1271)	(20.2) 20.6-21.6 (22.6)	(3.4) 3.9-5.7 (7)	hqs(100)
e55	25	(16) 23-44 (76)	(851) 875-919 (924)	(21.3) 21.7-22.7 (24.3)	(3.5) 5.3-6.9 (7.3)	hqs(92) al(4) va(4)
e56	13	(48) 153-374 (666)	(872) 950-1003 (1022)	(22.7) 23.1-23.3 (23.5)	(0) 2.2-3.9 (5.4)	gr(62) al(38)
e57	19	(3) 25-198 (516)	(869) 912-1059 (1262)	(20.3) 21.2-21.7 (23.2)	(3.5) 5-7 (7.1)	hqs(68) ae(11) al(11)
e59	18	(768) 935-1100 (1183)	(854) 1001-1082 (1238)	(20.7) 21.7-22.5 (23.2)	(-2) -1.3--1 (-0.5)	gr(56) al(22) lqs(17)
e60	11	(6) 7-72 (148)	(860) 863-880 (897)	(23.7) 24.7-25.2 (25.2)	(2.2) 2.4-2.7 (4.8)	al(73) gr(18) lqs(9)
e61	31	(0) 2-4 (11)	(840) 856-955 (1228)	(21.5) 23.7-24.6 (25)	(3.5) 3.9-6 (7.4)	ma(83) ae(9)
e62	26	(0) 2-3 (6)	(840) 858-953 (1266)	(21.5) 23.7-24.6 (25.5)	(3.5) 3.7-5.5 (7.4)	ma(90) water(7) gr(3)
e46a	20	(147) 196-329 (358)	(939) 958-999 (1036)	(22.6) 22.8-23.2 (23.5)	(2.2) 2.7-3.6 (4)	gr(90) al(5) hqs(5)
e81	20	(64) 761-935 (1037)	(870) 1011-1127 (1202)	(21.6) 22.7-23.4 (24.7)	(-1.2) -1--0.1 (3.2)	lqs(50) hqs(45) gr(5)
e83	15	(1085) 1156-1273 (1333)	(1061) 1101-1228 (1288)	(19.7) 20.3-21.2 (21.8)	(-1.8) -1.7--1.5 (-1.3)	hqs(100)
e85	34	(62) 187-336 (615)	(849) 910-941 (1015)	(24.2) 25.2-25.7 (26.2)	(0) 0.7-1.5 (2.5)	gr(53) lqs(38) al(6)
m15	8	(6) 7-41 (60)	(837) 849-876 (901)	(22.5) 22.7-23.7 (24.2)	(4) 4.5-5.8 (6)	hqs(63) ma(38)
m68	20	(675) 854-1023 (1292)	(533) 802-912 (972)	(21.7) 22.6-23.5 (25.8)	(-2.9) -1.6--1.1 (0)	gr(55) lqs(20) vb(15)
m83	9	(2) 7-21 (29)	(840) 844-921 (931)	(21.3) 21.6-22.7 (24.6)	(3.7) 6-7.1 (7.4)	hqs(56) ae(22) ma(22)
n183	76	(8) 131-401 (745)	(857) 1000-1075 (1164)	(22.2) 24.1-24.7 (26)	(-0.1) 2-3.5 (5.1)	lqs(55) hqs(21) gr(13)
n184	33	(7) 101-293 (474)	(848) 980-1093 (1234)	(23.1) 23.8-24.7 (26.2)	(0.6) 2.4-3.7 (5.5)	lqs(55) gr(36) hqs(6)
p50	2	(10) 192-557 (739)	(1099) 1123-1170 (1193)	(25) 25.3-25.9 (26.2)	(1) 2.3-4.8 (6.1)	hqs(100)
p1	42	(1) 19-46 (84)	(803) 824-898 (1158)	(25.8) 27.2-28.7 (29.1)	(3.2) 3.6-5 (6.8)	al(48) lqs(31) mf(7) xx(7)
p2	79	(10) 113-199 (370)	(790) 855-902 (1094)	(25.8) 26.7-27.7 (28.7)	(1.7) 2.7-3.7 (4.9)	lqs(62) mf(24) hqs(14)
p3	19	(5) 9-22 (250)	(889) 1043-1163 (1249)	(23.7) 24.1-25.5 (25.8)	(2.2) 4.7-7.1 (7.4)	hqs(42) gr(37) al(11) lqs(11)

Map Unit	n	Elevation (metres above sea level)	Average Annual Rainfall (mm)	Maximum Temp. of Warmest Period (degC)	Minimum Temp. of Coldest Period (degC)	Soil Landscape Lithology (% frequency)
p4	7	(12) 18-38 (60)	(746) 808-843 (869)	(27.3) 27.7-28.9 (29.1)	(2.9) 3.5-4.4 (4.8)	al(71) ae(14) lqs(14)
p5	56	(120) 164-410 (623)	(780) 843-900 (1015)	(26.2) 27.5-28.6 (29.2)	(0.6) 1.2-1.8 (2.2)	lqs(52) hqs(46) gr(2)
p6	25	(26) 128-585 (953)	(801) 842-952 (1242)	(23.7) 26.3-29 (29.2)	(0.2) 1.7-3 (5.3)	hqs(40) lqs(40) mf(12)
p7	25	(7) 30-39 (63)	(807) 824-829 (899)	(27.1) 28.7-28.8 (29)	(3.2) 3.4-3.5 (5.1)	al(96) lqs(4)
p8	84	(628) 842-988 (1217)	(732) 856-967 (1183)	(21.6) 23.5-24.6 (26.2)	(-2.2) -0.8-0.1 (1.3)	lqs(46) va(25) hqs(19)
p9	42	(556) 610-695 (802)	(650) 691-754 (897)	(24.7) 25.9-26.5 (26.7)	(-0.6) 0.4-1.2 (1.5)	lqs(48) ia(24) gr(14)
p10	63	(263) 664-774 (906)	(695) 741-842 (959)	(24.2) 25.5-26.1 (26.6)	(-0.1) 0.2-1.2 (1.8)	lqs(51) hqs(38) ia(5)
p11	63	(400) 600-725 (853)	(702) 770-870 (980)	(25.2) 25.7-26.3 (27.8)	(0) 0.6-1.2 (2)	lqs(67) hqs(27) va(3)
p14	143	(516) 708-882 (1160)	(672) 720-793 (1035)	(22.2) 25.2-26.6 (28.5)	(-1.2) -0.4-0.1 (0.8)	lqs(82) gr(6) va(6) vb(6)
p15	40	(210) 610-719 (1076)	(669) 780-876 (1030)	(22.5) 24.7-25.4 (26.3)	(-1.6) -0.6-0.7 (1.7)	lqs(40) ia(23) hqs(18) va(18)
p17	7	(624) 748-971 (1072)	(589) 763-918 (930)	(23.2) 24.1-25.2 (26.1)	(-1.5) -0.4-0.7 (0.8)	lqs(57) al(14) gr(14) va(14)
p19	36	(532) 590-769 (1040)	(687) 723-751 (866)	(23.8) 26.4-27.4 (28.2)	(-0.6) -0.1-0.3 (1.5)	lqs(83) va(8) gr(6)
p20	28	(595) 731-951 (1272)	(769) 818-981 (1114)	(21.6) 24.6-25.1 (26)	(-1) -0.4-1.2 (2.2)	vb(68) lqs(25) ia(4) water(4)
p22	68	(586) 676-806 (1140)	(641) 696-809 (958)	(22.3) 25-26.3 (27.1)	(-2.7) -0.4-0.2 (1.2)	lqs(29) gr(22) ia(21)
p23	119	(523) 652-887 (1127)	(664) 711-820 (940)	(23.1) 25.1-26.5 (27.2)	(-1.6) -0.4-0.8 (1.6)	lqs(47) gr(17) va(12)
p24	78	(611) 676-788 (916)	(664) 688-767 (923)	(24.8) 26-26.7 (27.6)	(-0.4) 0-0.5 (1.6)	lqs(47) gr(26) ia(10)
p27	13	(330) 492-561 (600)	(704) 712-723 (771)	(25.7) 26-26.7 (27.6)	(1.2) 1.3-1.7 (2.2)	lqs(85) li(15)
p28	44	(50) 74-150 (328)	(752) 789-827 (885)	(26.6) 27.5-27.9 (28.7)	(1.7) 2.7-3.2 (4)	lqs(93) al(7)
p29	150	(1) 37-89 (390)	(739) 818-859 (953)	(25.8) 27.5-28.5 (29.1)	(1.2) 3.2-4 (5.6)	lqs(73) al(20) mf(3)
p30	39	(2) 10-92 (286)	(825) 974-1091 (1243)	(23.7) 24.4-25.5 (29.2)	(1.3) 3.5-4.9 (7)	lqs(54) al(13) hqs(13)
p31	16	(120) 128-158 (564)	(813) 830-854 (964)	(26.6) 28.7-29.2 (29.2)	(0.8) 2-2 (2.7)	lqs(75) al(13) hqs(6) vb(6)
p32	41	(15) 76-251 (562)	(688) 793-1032 (1289)	(25) 26.2-28.7 (29.5)	(1) 1.7-4 (7.3)	al(32) hqs(22) lqs(22)
p33	74	(1) 15-154 (398)	(732) 803-867 (1100)	(26.6) 27.4-28.6 (29.1)	(1.6) 2.7-4.1 (5.1)	al(51) lqs(27) mf(13)
p34	39	(5) 24-142 (357)	(964) 1158-1398 (1818)	(23.7) 24.8-25.3 (28)	(3.5) 5.5-7 (7.8)	lqs(38) hqs(31) vb(21)
p35	94	(130) 307-589 (836)	(695) 735-804 (1018)	(25.1) 26.5-28.2 (29.1)	(0.2) 1-1.7 (4.9)	va(74) gr(11) lqs(11)
p36	55	(114) 232-465 (803)	(741) 821-884 (1025)	(24.7) 27.2-28.7 (29.2)	(0.6) 1.1-1.6 (3.4)	lqs(65) va(15) hqs(13)
p37	58	(190) 550-695 (847)	(764) 829-934 (1019)	(24.7) 25.5-26.7 (28.5)	(0.3) 0.6-1 (2.2)	va(43) lqs(29) gr(17)
p38	47	(10) 189-408 (808)	(740) 792-861 (1085)	(24.5) 27.2-28.5 (29.3)	(0.8) 1.2-2 (4.3)	lqs(47) va(23) gr(9) hqs(9)
p39	9	(140) 227-275 (499)	(795) 831-874 (901)	(26.5) 26.7-27.3 (28.2)	(1.2) 1.7-2 (3.5)	lqs(78) gr(11) hqs(11)
p40	124	(2) 61-203 (581)	(795) 972-1046 (1254)	(23.5) 24.3-25.3 (29.3)	(0.6) 2.5-4 (6.3)	lqs(61) hqs(20) gr(8)
p44	15	(4) 10-24 (186)	(869) 902-928 (1261)	(26.2) 28.1-28.2 (28.5)	(2.5) 4.4-4.5 (5.6)	hqs(40) al(27) mf(20)
p45	18	(2) 3-10 (56)	(1151) 1207-1258 (1301)	(24.2) 24.9-25.4 (26.3)	(5.6) 6-7.5 (8.1)	ma(39) hqs(22)
p46	3	(104) 122-160 (181)	(1251) 1353-1484 (1514)	(24.7) 24.7-24.7 (24.7)	(5) 6-7 (7)	vb(67) gr(33)
p51	2	(673) 673-673 (673)	(694) 694-694 (694)	(26.3) 26.3-26.3 (26.3)	(0.2) 0.2-0.2 (0.2)	water(100)
p53	12	(532) 556-673 (1081)	(696) 801-961 (1140)	(22.7) 25.4-26.3 (26.7)	(-0.1) 0.9-1.6 (2)	al(42) hqs(25) ia(17)
p54	17	(606) 675-807 (1109)	(668) 860-915 (979)	(22.5) 24.6-25.5 (26.2)	(-0.8) -0.6-0.5 (1.7)	lqs(35) hqs(24) va(24)
p55	6	(30) 156-789 (936)	(703) 721-832 (908)	(25) 25.3-27.8 (28.2)	(-0.4) 0.2-1.8 (4)	al(33)
p56	8	(492) 704-925 (977)	(605) 734-931 (1032)	(22.6) 23-25.2 (25.7)	(-1.6) -1.2--0.7 (0.6)	al(50) gr(50)

Map Unit	n	Elevation (metres above sea level)	Average Annual Rainfall (mm)	Maximum Temp. of Warmest Period (degC)	Minimum Temp. of Coldest Period (degC)	Soil Landscape Lithology (% frequency)
p57	16	(4) 310-645 (915)	(788) 885-1097 (1290)	(23.2) 23.5-25.9 (27.7)	(-0.4) 0.6-2.4 (6.9)	**al(56) gr(25) hqs(13)**
p58	22	(10) 47-258 (413)	(836) 905-1144 (1452)	(24.6) 25.9-27.2 (29.2)	(1.6) 3.1-5 (6.4)	hqs(86) lqs(14)
p63	31	(1) 5-21 (175)	(998) 1205-1304 (1475)	(23.6) 24.6-25.5 (25.7)	(4.6) 6.5-7.3 (8.3)	hqs(47) ae(16) ma(16)
p64	65	(0) 4-22 (130)	(847) 1194-1291 (1476)	(23.6) 24.3-25.2 (27.2)	(3.5) 5.8-7.5 (8.1)	ma(33) ae(26) hqs(26)
p66	56	(161) 587-817 (1108)	(744) 821-972 (1195)	(22.7) 24.5-26.1 (27.5)	(-0.8) 0.3-1.6 (2.5)	lqs(52) va(16) hqs(14)
p68	8	(339) 395-473 (477)	(930) 1028-1176 (1189)	(25.1) 25.2-25.4 (25.7)	(2.5) 2.7-3.3 (3.7)	hqs(75) mf(25)
p72	21	(427) 907-993 (1028)	(930) 1245-1336 (1358)	(22.5) 22.8-23.5 (27.2)	(0.5) 0.8-1 (1.8)	vb(67) hqs(24) gr(5) lqs(5)
p73	99	(667) 911-1161 (1280)	(761) 908-991 (1073)	(21.3) 22.3-24.3 (26.3)	(-1.8) -0.6--0.2 (0.4)	lqs(55) va(18) gr(14)
p76	14	(646) 847-989 (1106)	(1016) 1082-1171 (1322)	(22.2) 23-24 (25.6)	(0.1) 0.3-0.8 (1.1)	lqs(64) hqs(29) va(7)
p78	65	(620) 871-1118 (1285)	(859) 1095-1243 (1369)	(20.2) 21-22.3 (23.5)	(-1.8) -1.3--0.6 (2.2)	gr(45) hqs(43) lqs(11)
p84	3	(159) 163-304 (442)	(893) 895-947 (997)	(25.7) 26.3-26.9 (27)	(2.9) 3.5-4 (4)	lqs(100)
p85	43	(9) 19-53 (98)	(1067) 1130-1227 (1346)	(24.1) 24.7-25.6 (26.5)	(4) 6-7.1 (8.3)	lqs(58) hqs(40) gr(2)
p86	28	(5) 10-31 (51)	(887) 1041-1223 (1259)	(23.7) 24.1-24.6 (25.5)	(3.2) 4.5-5.5 (7.5)	lqs(36) hqs(32) al(21)
p87	72	(2) 65-307 (567)	(869) 995-1105 (1257)	(25.2) 26.7-27.5 (29)	(1.6) 2.2-4.9 (5.9)	lqs(50) hqs(26) mf(17)
p88	74	(117) 205-416 (680)	(821) 853-921 (1064)	(25.3) 27.2-28.3 (29.2)	(0.6) 1.2-1.7 (2)	hqs(57) lqs(42) al(1)
p89	91	(9) 113-308 (862)	(846) 1027-1088 (1241)	(22.5) 24.1-24.8 (25.7)	(-0.6) 2.2-3.7 (5.4)	lqs(44) hqs(40) gr(8) va(8)
p90	90	(3) 40-166 (404)	(929) 1040-1120 (1235)	(23.7) 24.1-24.7 (26.3)	(2) 3.5-4.5 (5.5)	lqs(62) gr(24) hqs(6)
p91	73	(25) 246-431 (804)	(891) 981-1061 (1153)	(22.2) 23.5-24.7 (25.5)	(-0.3) 1.5-2.5 (4.6)	lqs(52) hqs(36) gr(10)
p95	54	(7) 132-340 (599)	(947) 1119-1210 (1543)	(24.1) 24.8-25.7 (27.1)	(1.8) 3.9-5 (6.5)	hqs(67) lqs(26) gr(7)
p98	48	(43) 480-805 (1075)	(908) 1032-1097 (1188)	(22) 23.2-24.2 (25.2)	(-1.2) 0-1.6 (3.7)	lqs(40) hqs(27) gr(21)
p99	87	(2) 33-225 (461)	(1022) 1266-1426 (1673)	(23.7) 24.7-25.3 (26.7)	(3.7) 5.1-6.5 (8.1)	lqs(44) hqs(42) vb(8)
p100	33	(199) 352-452 (693)	(1000) 1419-1578 (1845)	(23.7) 24.3-25.5 (26.3)	(2.5) 3.9-4.3 (5.1)	hqs(42) lqs(42) vb(15)
p102	83	(37) 208-490 (700)	(810) 892-1065 (1475)	(24.5) 26-27.2 (28.7)	(0.8) 1.3-2.5 (6.4)	hqs(89) lqs(7)
p103	30	(6) 59-135 (555)	(824) 1117-1240 (1266)	(24) 24.3-25.5 (27)	(2) 4.5-5.4 (6)	lqs(57) hqs(37) al(3) gr(3)
p104	88	(4) 31-99 (338)	(975) 1174-1246 (1289)	(23.6) 24.2-24.7 (26.7)	(2.2) 4.9-5.5 (6.1)	lqs(64) hqs(32) gr(5)
p105	28	(0) 3-7 (38)	(837) 999-1241 (1293)	(23.7) 24.6-25.4 (27.7)	(4.1) 4.8-7.4 (7.9)	al(34) ma(24) hqs(21)
p106	32	(1) 2-6 (107)	(841) 894-1165 (1286)	(22.8) 24.5-25.6 (27.7)	(2.7) 4.2-6.8 (8.1)	ma(33) al(20) lqs(17)
p107	35	(2) 4-7 (206)	(837) 906-1227 (1341)	(21.7) 24.5-24.8 (26.6)	(1.5) 3.5-7 (8.3)	ma(49) hqs(23) al(17)
p109	30	(0) 1-3 (5)	(840) 842-1121 (1312)	(24) 24.5-25.7 (27.6)	(3.5) 3.7-6.6 (8.1)	ma(79) ae(9) hqs(6)
p110	103	(4) 60-321 (479)	(969) 1272-1582 (1922)	(23.7) 24.6-25.7 (26.7)	(3.7) 4.8-5.9 (7.9)	hqs(41) lqs(40) vb(16)
p111	55	(5) 51-181 (332)	(804) 1209-1440 (1817)	(24.2) 24.8-25.6 (28.7)	(2) 5.5-7 (8)	hqs(44) vb(27) lqs(16)
p112	62	(31) 124-279 (551)	(996) 1392-1723 (1978)	(23.2) 24.5-25.1 (26.3)	(2.2) 5.1-6.5 (7.9)	hqs(52) vb(32) lqs(11)
p113	147	(10) 92-364 (594)	(909) 1079-1514 (1931)	(23.2) 24.3-25.3 (28.3)	(2) 3.1-5.3 (6.6)	hqs(47) lqs(43) vb(7)
p114	32	(18) 352-671 (982)	(823) 896-1103 (1264)	(22.8) 25.2-27.1 (28.8)	(0.8) 1-1.7 (5.1)	hqs(81) lqs(9)
p116	36	(8) 137-531 (898)	(797) 973-1070 (1719)	(23.2) 23.7-25.2 (26.5)	(0) 1.8-3.9 (5.5)	hqs(33) gr(28) lqs(28)
p117	134	(9) 82-357 (762)	(898) 1213-1375 (1610)	(23.7) 24.3-25.2 (28.1)	(1.2) 4-6 (8.3)	hqs(75) mf(16) lqs(8)
p120	8	(661) 939-1030 (1057)	(997) 1075-1137 (1161)	(22.7) 23.1-23.5 (25.6)	(0) 0.3-0.5 (1)	hqs(88) lqs(13)
p121	4	(1125) 1143-1153 (1158)	(1030) 1039-1048 (1048)	(22.3) 22.5-22.6 (22.7)	(-0.6) -0.5--0.5 (-0.5)	hqs(75) lqs(25)

Map Unit	n	Elevation (metres above sea level)	Average Annual Rainfall (mm)	Maximum Temp. of Warmest Period (degC)	Minimum Temp. of Coldest Period (degC)	Soil Landscape Lithology (% frequency)
p122	41	(4) 84-641 (755)	(921) 1097-1227 (1370)	(23.7) 24.2-25 (26.2)	(1.5) 2-6 (8)	hqs(90) lqs(5) ae(2) gr(2)
p124	25	(591) 850-1050 (1137)	(988) 1144-1270 (1357)	(22.2) 22.7-23.7 (25.6)	(0) 0.6-1 (1.5)	hqs(100)
p125	4	(688) 704-729 (751)	(951) 966-1029 (1060)	(24.2) 24.4-24.8 (25.2)	(1.2) 1.3-1.4 (1.5)	hqs(100)
p126	15	(14) 56-345 (661)	(940) 1258-1340 (1447)	(23.7) 24.5-25.2 (25.8)	(1.7) 4.2-7.5 (8.1)	hqs(87) mf(13)
p127	11	(23) 45-73 (90)	(1240) 1278-1434 (1438)	(23.7) 23.7-25.2 (25.3)	(6.5) 6.9-8.1 (8.3)	hqs(100)
p129	77	(8) 75-375 (595)	(1039) 1314-1456 (1729)	(23.7) 23.8-24.8 (26.5)	(3) 3.9-7.9 (8.3)	hqs(81) al(16) ae(3)
p130	36	(27) 434-641 (1030)	(861) 1257-1481 (1851)	(22.6) 24-24.7 (26.2)	(0.8) 1.9-3.8 (8)	hqs(75) al(25)
p131	317	(35) 151-404 (850)	(856) 1063-1282 (1658)	(23.7) 25.1-26.7 (28.2)	(0.8) 3.5-5 (7.9)	hqs(77) mf(20) al(2) lqs(2)
p136	50	(367) 704-970 (1052)	(840) 1164-1316 (1377)	(22.3) 23-24.8 (26.5)	(0.6) 1-1.2 (2.2)	hqs(84) mf(8) al(4)
p139	42	(10) 60-78 (141)	(1209) 1305-1446 (1468)	(23.6) 23.7-24.3 (25.5)	(6.5) 7.4-8.3 (8.3)	hqs(64) ae(36)
p140	127	(1) 103-292 (584)	(1023) 1139-1339 (1535)	(24.2) 24.8-25.7 (27)	(2.9) 4.5-5.5 (7.5)	hqs(95) al(2) lqs(2) mf(2)
p141	29	(469) 551-609 (1054)	(1128) 1238-1864 (2012)	(22) 23.5-24 (25)	(-0.3) 2.7-4 (4.1)	hqs(97) al(3)
p142	150	(0) 77-311 (647)	(847) 903-1090 (1455)	(24.6) 26.2-27.2 (28.7)	(1.2) 2.2-4.8 (6.4)	hqs(82) mf(9) lqs(8)
p143	58	(73) 153-211 (434)	(1089) 1261-1312 (1561)	(24.2) 25.1-25.8 (26.8)	(4) 4.7-5.5 (6)	hqs(69) mf(17) lqs(14)
p144	123	(194) 470-657 (967)	(796) 856-939 (1380)	(23.3) 25.4-26.2 (28)	(0.4) 1.2-1.7 (2.9)	hqs(83) mf(9) lqs(8)
p146	213	(1) 110-253 (505)	(845) 902-1011 (1127)	(25.6) 26.7-27.7 (28.8)	(1.5) 2.2-4.1 (5.5)	hqs(49) mf(40) lqs(11)
p148	87	(8) 111-590 (756)	(870) 1107-1217 (1685)	(23.7) 24.9-26 (27)	(1.2) 2.2-5.3 (7.3)	hqs(79) lqs(16)
p149	19	(565) 639-746 (972)	(752) 880-991 (1170)	(23.8) 24.5-25.7 (26)	(-0.3) 1.2-1.6 (2)	hqs(79) lqs(11) al(5) vb(5)
p153	10	(8) 59-155 (178)	(860) 884-1145 (1258)	(26.2) 26.7-28.3 (29.1)	(3.2) 4.3-4.5 (5)	lqs(50) hqs(30) al(10) mf(10)
p168	51	(245) 575-679 (977)	(823) 1094-1389 (1660)	(23.1) 24.2-25.7 (27)	(0.8) 1.6-2.9 (5)	hqs(49) lqs(29) vb(16)
p202	14	(127) 157-199 (440)	(773) 819-848 (927)	(27.2) 28.1-28.8 (29.2)	(1.2) 1.7-2 (2)	lqs(86) hqs(14)
p210	31	(2) 6-24 (156)	(958) 1310-1339 (1416)	(24.1) 24.3-24.8 (25.6)	(4.3) 7.6-8.1 (8.1)	lqs(42) ae(35) hqs(13)
p219	4	(580) 597-646 (647)	(753) 753-755 (756)	(26.6) 26.6-26.9 (27.1)	(0.5) 0.5-0.6 (0.6)	li(100)
p220	57	(600) 759-1043 (1139)	(625) 818-908 (1124)	(21.3) 22.7-24.6 (26.1)	(-1.8) -1.5--0.8 (0.1)	gr(61) lqs(11) va(11) vb(11)
p239	2	(30) 31-31 (31)	(830) 830-830 (830)	(29.1) 29.1-29.1 (29.1)	(3.4) 3.4-3.4 (3.4)	ae(100)
p244	77	(150) 520-689 (1076)	(818) 888-990 (1130)	(22.7) 25.3-26.6 (28.8)	(0.3) 0.8-1.3 (2)	hqs(53) lqs(39) mf(5)
p246	20	(39) 73-176 (620)	(869) 992-1066 (1182)	(25.5) 26.2-26.8 (27.2)	(1.6) 4.5-5.4 (5.6)	lqs(55) hqs(45)
p248	16	(50) 263-717 (792)	(917) 1004-1058 (1240)	(23.7) 24.6-25.1 (25.3)	(0.8) 1.2-3 (5.1)	lqs(56) hqs(38) gr(6)
p266	15	(5) 692-770 (859)	(946) 1102-1276 (1344)	(23.5) 23.8-24.2 (24.5)	(1.3) 1.7-2.2 (4.8)	vb(47) va(27) lqs(20)
p268	4	(588) 600-628 (646)	(886) 1006-1071 (1084)	(24.7) 24.8-25.1 (25.3)	(2) 2.2-2.4 (2.4)	lqs(75) mf(25)
p314	4	(465) 566-606 (615)	(1571) 1794-2004 (2004)	(23) 23-23.5 (24.2)	(3.7) 3.7-4 (4.1)	hqs(100)
p317	69	(353) 577-808 (1066)	(872) 1020-1150 (1392)	(20.2) 22.6-24.2 (25.1)	(-1.1) 0.1-1.1 (2.7)	hqs(43) gr(35) lqs(17)
p338	135	(321) 901-1106 (1374)	(693) 919-1059 (1168)	(20.3) 22.1-23.6 (24.7)	(-2.4) -1.6--1 (1.7)	gr(67) lqs(17) hqs(7)
p343	12	(204) 305-551 (625)	(826) 860-902 (923)	(24.6) 25.2-26.1 (26.2)	(-0.1) 0.4-1.3 (1.8)	gr(100)
p420	24	(239) 700-923 (1050)	(587) 796-904 (950)	(23.1) 24.6-25.5 (26.8)	(-1.5) -0.4-0.6 (1.2)	gr(75) lqs(17) ae(8)
p434	15	(2) 8-19 (26)	(943) 1004-1041 (1243)	(23.7) 23.7-23.8 (24.6)	(4.6) 4.9-5 (6)	lqs(40) ma(27) gr(20)
p502	25	(19) 23-39 (320)	(802) 817-869 (935)	(23.7) 27.3-28.7 (29)	(2) 3.5-4.6 (4.8)	al(52) lqs(24) mf(12)
p509	45	(0) 0-3 (58)	(837) 949-976 (1313)	(23.8) 24.3-24.6 (26.5)	(3.7) 3.9-4.5 (8.1)	ma(46) water(28) lqs(13)

Map Unit	n	Elevation (metres above sea level)	Average Annual Rainfall (mm)	Maximum Temp. of Warmest Period (degC)	Minimum Temp. of Coldest Period (degC)	Soil Landscape Lithology (% frequency)
p514	9	(61) 174-280 (304)	(813) 823-859 (878)	(26.5) 26.7-27.6 (28.7)	(1.7) 2-2.2 (3.7)	lqs(100)
p516	19	(605) 697-756 (796)	(1281) 1563-1633 (1763)	(23.2) 23.3-23.8 (24.2)	(2) 2.5-2.8 (3.2)	vb(79) lqs(21)
p520	35	(513) 604-812 (1231)	(580) 697-851 (984)	(21.7) 24.7-26.2 (27.1)	(-1.6) -0.5-0.8 (1.7)	lqs(37) al(20) gr(14) va(14)
p599	8	(44) 50-74 (90)	(1092) 1281-1286 (1294)	(25.7) 26-26.3 (27.1)	(4.8) 5.3-5.6 (5.6)	lqs(88) hqs(13)

For Maps and Appendices see accompanying CD

Appendix 1: Map Unit Habitat Characteristics

Appendix 2: Index to Map Unit Descriptions

Appendix 3: Descriptions of Map Units

Appendix 4: Survey data collated for classification

Appendix 5: Coverages used in API compilation

Appendix 6: Details of remote imagery used to upgrade and enhance interpretations of contemporary native vegetation cover