

Assessment of the Quality of Agricultural Soils in Manica Province (Mozambique)

Mário J. S. L. Pereira ^{1,2} and Joaquim Esteves da Silva ^{2,*}

¹ Departamento de Ciências Naturais e Matemática, Faculdade de Ciências e Tecnologias, Universidade Licungo, P.O. Box 2025, Beira 2100, Moçambique; up202102062@edu.fc.up.pt

² Chemistry Research Unit (CIQUP), Institute of Molecular Sciences (IMS), Department of Geosciences, Environment and Territorial Planning, Faculty of Sciences, University of Porto, Rua do Campo Alegre s/n, 4169-007 Porto, Portugal

* Correspondence: jcsilva@fc.up.pt; Tel.: +351-220-402-569

Supplemental information

1. GPS coordinates and date of the soil sampling

Campaign 2021/2022

C1 – Manica (29/09/2021) – Before rainy season

Subsample N°	Coordinates
01	S 19° 00' 09.6'' / E 032° 47' 23.1''
02	S 19° 00' 09.5'' / E 032° 47' 23.7''
03	S 19° 00' 09.0'' / E 032° 47' 23.9''
04	S 19° 00' 08.6'' / E 032° 47' 24.6''
05	S 19° 00' 01.8'' / E 032° 47' 26.5''
06	S 19° 00' 00.5'' / E 032° 47' 26.1''
07	S 18° 59' 59.2'' / E 032° 47' 25.7''
08	S 18° 59' 54.3'' / E 032° 47' 25.9''
09	S 18° 59' 58.1'' / E 032° 47' 24.9''
10	S 18° 59' 57.2'' / E 032° 47' 23.8''
11	S 18° 59' 56.6'' / E 032° 47' 23.5''

12	S 18° 59' 54.9" / E 032° 47' 22.0"
13	S 18° 59' 53.4" / E 032° 47' 21.6"
14	S 18° 59' 53.6" / E 032° 47' 22.5"
15	S 18° 59' 55.4" / E 032° 47' 23.1"
16	S 18° 59' 54.9" / E 032° 47' 25.1"
17	S 18° 59' 55.9" / E 032° 47' 25.3"
18	S 18° 59' 56.0" / E 032° 47' 24.1"
19	S 18° 59' 56.9" / E 032° 47' 24.7"
20	S 18° 59' 55.6" / E 032° 47' 25.1"

C2 – Manica (29/09/2021) – Before rainy season

Subsample N°	Coordinates
01	S 18° 59' 31.3" / E 032° 46' 54.4"
02	S 18° 59' 31.0" / E 032° 46' 55.4"
03	S 18° 59' 30.3" / E 032° 46' 56.7"
04	S 18° 59' 30.3" / E 032° 46' 55.4"
05	S 18° 59' 30.4" / E 032° 46' 54.5"
06	S 18° 59' 30.4" / E 032° 46' 53.6"
07	S 18° 59' 29.5" / E 032° 46' 54.6"
08	S 18° 59' 29.0" / E 032° 46' 55.3"
09	S 18° 59' 28.5" / E 032° 46' 56.3"
10	S 18° 59' 28.5" / E 032° 46' 55.3"
11	S 18° 59' 28.4" / E 032° 46' 54.1"
12	S 18° 59' 27.9" / E 032° 46' 52.8"
13	S 18° 59' 27.1" / E 032° 46' 53.7"
14	S 18° 59' 26.5" / E 032° 46' 54.3"
15	S 18° 59' 25.6" / E 032° 46' 55.0"

C3 – Sussundenga (30/09/2021) – Before rainy season

Subsample N°	Coordinates
01	-19,475274 S 19° 28' 31.0269'' / 33,376158 E 33° 22' 34.16776''
02	-19,475398 S 19° 28' 31.4871'' / 33,375954 E 33° 22' 33.57768''
03	-19,475335 S 19° 28' 31.34928'' / 33,375953 E 33° 22' 33.4308''
04	-19,475239 S 19° 28' 30.88848'' / 33,375810 E 33° 22' 32.916''
05	-19,475086 S 19° 28' 30.2844'' / 33,375837 E 33° 22' 33.02546''
06	-19,479955 S 19° 28' 29.8346'' / 33,375826 E 33° 22' 33.29796''
07	-19,474836 S 19° 28' 29.30808'' / 33,375762 E 33° 22' 32.529''
08	-19,474897 S 19° 28' 29.01684'' / 33,375581 E 33° 22' 32.09124''
09	-19,474717 S 19° 28' 29.20188'' / 33,375361 E 33° 22' 31.30068''
10	-19,474786 S 19° 28' 29.23716'' / 33,375355 E 33° 22' 31.27764''

C4 – Sussundenga (04/10/2021) – Before rainy season

Subsample N°	Coordinates
01	-19,532971 S 19° 31' 58,70532'' / 33,128006 E 33° 7' 40,82232''
02	-19,532788 S 19° 31' 58,0422'' / 33,127784 E 33° 7' 40,02204''
03	-19,532790 S 19° 31' 57,61416'' / 33,127849 E 33° 7' 40,25424''
04	-19,532536 S 19° 31' 57,15372'' / 33,127892 E 33° 7' 40,41012''
05	-19,5325318 S 19° 31' 56,62884'' / 33,127699 E 33° 7' 39,7164''
06	-19,532516 S 19° 31' 56,56152'' / 33,127769 E 33° 7' 40,63268''
07	-19,532301 S 19° 31' 56,1198'' / 33,127845 E 33° 7' 40,28916''
08	-19,532358 S 19° 31' 56,2296'' / 33,128013 E 33° 7' 40,84537''
09	-19,532427 S 19° 31' 56,64288'' / 33,127938 E 33° 7' 40,5768''
10	-19,532382 S 19° 31' 56,48268'' / 33,127897 E 33° 7' 40, 5274''
11	-19,532593 S 19° 31' 57,23148'' / 33,128044 E 33° 7' 41,1444''
12	-19,532420 S 19° 31' 56,79156'' / 33,128179 E 33° 7' 41,44640''
13	-19,532645 S 19° 31' 57,45108'' / 33,128315 E 33° 7' 41,01144''
14	-19,532685 S 19° 31' 57,47232'' / 33,128416 E 33° 7' 42,29832''
15	-19,532646 S 19° 31' 57,48204'' / 33,128418 E 33° 7' 42, 23236''

C5 – Sussundenga (04/10/2021) – Before rainy season

Subsample N°	Coordinates
01	-19,529334 S 19°31'45,6942" // 33,126550 E 33°7' 35,39385"
02	-19,529911 S 19°31'46,09344" // 33,126526 E 33°7' 35,49252"
03	-19,529464 S 19°31'46,24176" // 33,126656 E 33°7' 35,96052"
04	-19,529504 S 19°31'46,5636" // 33,126857 E 33°7' 36, 6852"
05	-19,529406 S 19°31'45,58896" // 33,126872 E 33°7' 36,73848"
06	-19,529321 S 19°31'45,61644" // 33,126829 E 33°7' 36, 59232"
07	-19,529396 S 19°31'46,2324" // 33,127034 E 33°7' 37,3206"
08	-19,529402 S 19°31'46,12944" // 33,127245 E 33°7' 38,08164"
09	-19,529384 S 19°31'45, 51888" // 33,127220 E 33°7' 37,9884"
10	-19,529451 S 19°31'45,73632" // 33,127387 E 33°7' 38,5914"
11	-19,529409 S 19°31'45,86808" // 33,127495 E 33°7' 38,98308"
12	-19,529441 S 19°31'46, 6914" // 33,127616 E 33°7' 39,4194"
13	-19,529607 S 19°31'46,67448" // 33,127712 E 33°7' 39,8118"
14	-19,529614 S 19°31'46,06536" // 33,127820 E 33°7' 40,21968"
15	-19,529444 S 19°31'45,95768" // 33,127688 E 33°7' 40,45674"

C1 – Manica (14/04/2022) – After rainy season

Subsample N°	Coordinates
01	S 19° 00' 09.6'' / E 032° 47' 22.9''
02	S 19° 00' 09.3'' / E 032° 47' 23.8''
03	S 19° 00' 09.0'' / E 032° 47' 24.1''
04	S 19° 00' 02.8'' / E 032° 47' 27.5''
05	S 19° 00' 02.3'' / E 032° 47' 27.2''
06	S 19° 00' 01.7'' / E 032° 47' 26.5''
07	S 19° 00' 01.1'' / E 032° 47' 26.6''
08	S 19° 00' 01.0'' / E 032° 47' 25.8''
09	S 19° 00' 01.3'' / E 032° 47' 24.8''
10	S 19° 00' 00.5'' / E 032° 47' 25.5''

11	S 18° 59' 59.6'' / E 032° 47' 26.3''
12	S 18° 59' 59.3'' / E 032° 47' 25.5''
13	S 18° 59' 59.4'' / E 032° 47' 24.4''
14	S 18° 59' 58.0'' / E 032° 47' 24.3''
15	S 18° 59' 56.7'' / E 032° 47' 24.4''
16	S 18° 59' 56.7'' / E 032° 47' 22.5''
17	S 18° 59' 55.4'' / E 032° 47' 22.0''
18	S 18° 59' 54.2'' / E 032° 47' 21.9''
19	S 18° 59' 53.0'' / E 032° 47' 21.9''
20	S 18° 59' 54.9'' / E 032° 47' 23.8''

C2 – Manica (14/04/2022) – After rainy season

Subsample N°	Coordinates
01	S 18° 59' 31.0'' / E 032° 46' 54.3''
02	S 18° 59' 30.6'' / E 032° 46' 55.3''
03	S 18° 59' 30.1'' / E 032° 46' 56.6''
04	S 18° 59' 29.8'' / E 032° 46' 55.9''
05	S 18° 59' 29.7'' / E 032° 46' 55.0''
06	S 18° 59' 29.7'' / E 032° 46' 54.2''
07	S 18° 59' 29.7'' / E 032° 46' 53.3''
08	S 18° 59' 29.0'' / E 032° 46' 54.4''
09	S 18° 59' 28.5'' / E 032° 46' 55.5''
10	S 18° 59' 28.1'' / E 032° 46' 56.2''
11	S 18° 59' 28.4'' / E 032° 46' 55.5''
12	S 18° 59' 28.0'' / E 032° 46' 54.3''
13	S 18° 59' 27.9'' / E 032° 46' 53.1''
14	S 18° 59' 27.3'' / E 032° 46' 54.1''
15	S 18° 59' 26.6'' / E 032° 46' 55.4''

C3 – Sussundenga (26/04/2022) – After rainy season

Subsample N°	Coordinates
01	-19, 475214 S 19° 28' 30. 76896'' / 33, 376042 E 33° 22' 33. 74376''
02	-19, 475350 S 19° 28' 31. 30605'' / 33, 376123 E 33° 22' 34. 04388''
03	-19, 47584 S 19° 28' 31. 55084'' / 33, 378989 E 33° 22' 33. 56148''
04	-19, 475425 S 19° 28' 31. 81368'' / 33, 375809 E 33° 22' 32. 90952''
05	-19, 475411 S 19° 28' 31. 5844'' / 33, 375742 E 33° 22' 32. 6604''
06	-19, 475089 S 19° 28' 30. 7938'' / 33, 375622 E 33° 22' 32. 25072''
07	-19, 47560 S 19° 28' 30. 20156'' / 33, 375534 E 33° 22' 31. 8416''
08	-19, 473221 S 19° 28' 30. 59688'' / 33, 375392 E 33° 22' 31. 41048''
09	-19, 475330 S 19° 28' 30. 41004'' / 33, 37576 E 33° 22' 30. 63396''
10	-19, 475111 S 19° 28' 30. 02230'' / 33, 37510 E 33° 22' 30. 41724''

C4 – Sussundenga (26/04/2022) – After rainy season

Subsample N°	Coordinates
01	-19, 532956 S 19° 31' 58, 64136" / 33, 127765 E 33° 7' 39, 85505"
02	-19, 532769 S 19° 31' 58, 08896" / 33, 127808 E 33° 7' 40,11204"
03	-19, 532805 S 19° 31' 58, 14556" / 33, 127997 E 33° 7' 40,79568"
04	-19, 532552 S 19° 31' 57. 43488" / 33, 128078 E 33° 7' 41, 0808"
05	-19, 532820 S 19° 31' 58, 98776" / 33, 128070 E 33° 7' 41, 05344"
06	-19, 532644 S 19° 31' 57, 4914" / 33, 128152 E 33° 7' 41, 34618"
07	-19, 532645 S 19° 31' 57, 92952" / 33, 128232 E 33° 7' 41, 6641"
08	-19, 532749 S 19° 31' 57, 99648" / 33, 128194 E 33° 7' 41, 52036"
09	-19, 532704 S 19° 31' 58, 2244" / 33, 128023 E 33° 7' 41, 88244"
10	-19, 53294 S 19° 31' 58, 0224" / 33, 127948 E 33° 7' 40, 54836"
11	-19, 532991 S 19° 31' 58, 953" / 33, 127797 E 33° 7' 40, 07721"
12	-19, 532797 S 19° 31' 58, 17396" / 33, 128380 E 33° 7' 42, 19144"
13	-19, 532634 S 19° 31' 57, 61812" / 33, 128484 E 33° 7' 42, 54096"
14	-19, 532682 S 19° 31' 57, 2376" / 33, 128312 E 33° 7' 41, 92392"
15	-19, 532736 S 19° 31' 57, 85882" / 33, 1283340 E 33° 7' 41, 17986"

C5 – Sussundenga (26/04/2022) – After rainy season

Subsample N°	Coordinates
01	-19,529485 S 19°31'45,88044" // 33, 126468 E 33°7' 35, 28372"
02	-19,529326 S 19°31'45, 82384" // 33, 126596 E 33°7' 35, 74632"
03	-19,529396 S 19°31'46, 40152" // 33, 126585 E 33°7' 35, 70708"
04	-19, 529548 S 19°31'46, 25292" // 33, 126673 E 33°7' 36, 10668"
05	-19, 5295618 S 19°31'46,74576" // 33, 126613 E 33°7' 35, 58224"
06	-19, 5295590 S 19°31'46, 52436" // 33,126835 E 33°7' 36, 62638"
07	-19, 529224 S 19°31'45, 90444" // 33, 126839 E 33°7' 36, 64272"
08	-19, 529418 S 19°31'45, 26836" // 33, 126840 E 33°7' 36, 4458"
09	-19, 529269 S 19°31'45, 87636" // 33, 126990 E 33°7' 37, 26264"
10	-19, 529496 S 19°31'46, 30512" // 33, 127126 E 33°7' 37,69104"
11	-19, 529325 S 19°31'45, 65496" // 33, 127179 E 33°7' 37, 84476"
12	-19, 529357 S 19°31'45, 6978" // 33, 127347 E 33°7' 38, 4996"
13	-19,529221 S 19°31'45, 10956" // 33, 127314 E 33°7' 38, 33044"
14	-19, 529328 S 19°31'45, 76548" // 33, 127107 E 33°7' 38, 83044"
15	-19, 529416 S 19°31'45, 82125" // 33, 127436 E 33°7' 38, 85424"

Campaign 2022/2023**C1 – Manica (23/09/2022) – Before rainy season**

Subsample N°	Coordinates
01	S 19° 00' 10.5'' / E 032° 47' 23.0''
02	S 19° 00' 09.4'' / E 032° 47' 23.4''
03	S 19° 00' 08.8'' / E 032° 47' 24.5''
04	S 19° 00' 07.0'' / E 032° 47' 27.8''
05	S 19° 00' 02.5'' / E 032° 47' 27.1''
06	S 19° 00' 01.7'' / E 032° 47' 26.3''
07	S 18° 00' 00.9'' / E 032° 47' 26.7''
08	S 18° 00' 00.6'' / E 032° 47' 25.6''

09	S 18° 59' 59.9'' / E 032° 47' 26.0''
10	S 18° 59' 59.3'' / E 032° 47' 26.0''
11	S 18° 59' 59.3'' / E 032° 47' 25.4''
12	S 18° 59' 59.5'' / E 032° 47' 24.4''
13	S 18° 59' 58.5'' / E 032° 47' 24.1''
14	S 18° 59' 57.8'' / E 032° 47' 24.5''
15	S 18° 59' 57.4'' / E 032° 47' 23.3''
16	S 18° 59' 56.7'' / E 032° 47' 22.8''
17	S 18° 59' 55.8'' / E 032° 47' 22.4''
18	S 18° 59' 54.3'' / E 032° 47' 22.1''
19	S 18° 59' 54.7'' / E 032° 47' 23.3''
20	S 18° 59' 55.2'' / E 032° 47' 24.6''

C2 – Manica (23/09/2022) – Before rainy season

Subsample N°	Coordinates
01	S 18° 59' 31.2'' / E 032° 46' 54.5''
02	S 18° 59' 30.8'' / E 032° 46' 55.3''
03	S 18° 59' 30.3'' / E 032° 46' 56.5''
04	S 18° 59' 30.1'' / E 032° 46' 55.9''
05	S 18° 59' 30.1'' / E 032° 46' 54.9''
06	S 18° 59' 30.2'' / E 032° 46' 53.8''
07	S 18° 59' 29.7'' / E 032° 46' 54.4''
08	S 18° 59' 29.0'' / E 032° 46' 55.2''
09	S 18° 59' 28.4'' / E 032° 46' 56.0''
10	S 18° 59' 28.5'' / E 032° 46' 55.1''
11	S 18° 59' 28.7'' / E 032° 46' 54.1''
12	S 18° 59' 29.1'' / E 032° 46' 53.3''
13	S 18° 59' 28.3'' / E 032° 46' 53.4''
14	S 18° 59' 27.5'' / E 032° 46' 54.4''
15	S 18° 59' 27.1'' / E 032° 46' 55.2''

C3 – Sussundenga (14/10/2022) – Before rainy season

Subsample N°	Coordinates
01	-19,475075 S 19° 28' 30,20736 '' / 33,376327 E 33° 22' 34,7916''
02	-19,475116 S 19° 28' 30,3852'' / 33,376214 E 33° 22' 34,6098''
03	-19,475105 S 19° 28' 30,4626'' / 33,376156 E 33° 22' 34,03956''
04	-19,475128 S 19° 28' 30,75816'' / 33,376126 E 33° 22' 33,843''
05	-19,475308 S 19° 28' 31,12572'' / 33,375964 E 33° 22' 33,53304''
06	-19,475309 S 19° 28' 31,10916'' / 33,375770 E 33° 22' 32,77272''
07	-19,475232 S 19° 28' 30,93636'' / 33,375660 E 33° 22' 32,37492''
08	-19,479211 S 19° 28' 30,58572'' / 33,375609 E 33° 22' 32,21608''
09	-19,475127 S 19° 28' 30,459'' / 33,375442 E 33° 22' 31,39264''
10	-19,474850 S 19° 28' 29,4384 '' / 33,375447 E 33° 22' 31,65456''

C4 – Sussundenga (14/10/2022) – Before rainy season

Subsample N°	Coordinates
01	-19,532735 S 19° 31' 57,97344'' / 33,127758 E 33° 7' 39,92912''
02	-19,532784 S 19° 31' 58,23552'' / 33, 127785 E 33° 7' 40,1736''
03	-19,532928 S 19° 31' 58,7152'' / 33, 127743 E 33° 7' 40,04436''
04	-19,532955 S 19° 31' 58, 386'' / 33, 127755 E 33° 7' 40,20204''
05	-19,532701 S 19° 31' 57,73368'' / 33,127875 E 33° 7' 40,35072''
06	-19,532743 S 19° 31' 57,82872'' / 33,128020 E 33° 7' 40,878''
07	-19,532634 S 19° 31' 57,324'' / 33,127991 E 33° 7' 40,76904''
08	-19,532602 S 19° 31' 57,45184'' / 33,128122 E 33° 7' 41,23812''
09	-19,532621 S 19° 31' 57,79344'' / 33,128307 E 33° 7' 41,99628''
10	-19,532672 S 19° 31' 57,5238'' / 33, 128412 E 33° 7' 42,28176''
11	-19,532645 S 19° 31' 57,1026'' / 33,128302 E 33° 7' 41,8638''
12	-19,532433 S 19° 31' 56,65728'' / 33,128324 E 33° 7' 41,9646''
13	-19,532286 S 19° 31' 56,24764'' / 33,128341 E 33° 7' 42,02652''
14	-19,532252 S 19° 31' 56,14896'' / 33,12822 E 33° 7' 41,59596''

15	-19,532133 S 19° 31` 55,81512" / 33,128250 E 33° 7` 41,72952"
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C5 – Sussundenga (14/10/2022) – Before rainy season

Subsample N°	Coordinates
01	-19,5229393 S 19°31`45,82596" // 33,126412 E 33°7` 35,13108"
02	-19,529402 S 19°31`46,15572" // 33,126570 E 33°7` 35,65272"
03	-19,529541 S 19°31`46,72848" // 33,126539 E 33°7` 35,54112"
04	-19,529678 S 19°31`46,8552" // 33,126674 E 33°7` 35,95224"
05	-19,529545 S 19°31`46,36992" // 33,126733 E 33°7` 36,2385"
06	-19,529412 S 19°31`45,88212" // 33,126805 E 33°7` 36,4962"
07	-19,529269 S 19°31`45,39828" // 33,126869 E 33°7` 36,73884"
08	-19,529333 S 19°31`45,6006" // 33,126963 E 33°7` 37,06716"
09	-19,529373 S 19°31`45,88758" // 33,127077 E 33°7` 37,47612"
10	-19,529429 S 19°31`46,29252" // 33,127081 E 33°7` 37,49304"
11	-19, 529576 S 19°31`46,4448" // 33,127175 E 33°7` 37,77852"
12	-19,529501 S 19°31`45,86088" // 33,127228 E 33°7` 38,04276"
13	-19,529256 S 19°31`45,43896" // 33,127265 E 33°7` 38,15293"
14	-19, 529317 S 19°31`45,46956" // 33,127403 E 33°7` 38,649"
15	-19, 529405 S 19°31`45,75" // 33,127427 E 33°7` 38,62812"

C1 – Manica (14/04/2023) – After rainy season

Subsample N°	Coordinates
01	S 19° 00' 09.6'' / E 032° 47' 23.4''
02	S 19° 00' 09.5'' / E 032° 47' 23.9''
03	S 19° 00' 08.8'' / E 032° 47' 24.5''
04	S 19° 00' 01.8'' / E 032° 47' 26.5''
05	S 19° 00' 00.4'' / E 032° 47' 26.4''
06	S 19° 00' 00.6'' / E 032° 47' 25.5''
07	S 18° 59' 59.7'' / E 032° 47' 25.9''
08	S 18° 59' 59.0'' / E 032° 47' 26.3''

09	S 18° 59' 58.7'' / E 032° 47' 25.3''
10	S 18° 59' 58.9'' / E 032° 47' 24.1''
11	S 18° 59' 57.9'' / E 032° 47' 24.2''
12	S 18° 59' 57.1'' / E 032° 47' 24.0''
13	S 18° 59' 57.3'' / E 032° 47' 23.1''
14	S 18° 59' 56.0'' / E 032° 47' 22.4''
15	S 18° 59' 54.5'' / E 032° 47' 21.9''
16	S 18° 59' 53.5'' / E 032° 47' 21.9''
17	S 18° 59' 54.4'' / E 032° 47' 22.6''
18	S 18° 59' 55.3'' / E 032° 47' 23.3''
19	S 18° 59' 55.3'' / E 032° 47' 24.3''
20	S 18° 59' 54.2'' / E 032° 47' 24.4''

C2 – Manica (14/04/2023) – After rainy season

Subsample N°	Coordinates
01	S 18° 59' 31.4'' / E 032° 46' 54.6''
02	S 18° 59' 31.0'' / E 032° 46' 55.3''
03	S 18° 59' 30.3'' / E 032° 46' 56.5''
04	S 18° 59' 30.2'' / E 032° 46' 55.5''
05	S 18° 59' 30.8'' / E 032° 46' 54.1''
06	S 18° 59' 30.1'' / E 032° 46' 55.5''
07	S 18° 59' 29.6'' / E 032° 46' 56.5''
08	S 18° 59' 29.6'' / E 032° 46' 55.2''
09	S 18° 59' 30.0'' / E 032° 46' 54.0''
10	S 18° 59' 29.5'' / E 032° 46' 54.7''
11	S 18° 59' 28.8'' / E 032° 46' 56.0''
12	S 18° 59' 28.9'' / E 032° 46' 54.8''
13	S 18° 59' 29.3'' / E 032° 46' 53.7''
14	S 18° 59' 28.5'' / E 032° 46' 54.3''
15	S 18° 59' 27.6'' / E 032° 46' 55.5''

C3 – Sussundenga (28/04/2023) – After rainy season

Subsample N°	Coordinates
01	-19,475083 S 19° 28' 30,30515'' / 33,376284 E 33° 22' 34,62348''
02	-19,475132 S 19° 28' 30,62964'' / 33,376288 E 33° 22' 34,63644''
03	-19,475157 S 19° 28' 30,56052'' / 33,376205 E 33° 22' 34,33296''
04	-19,475153 S 19° 28' 30,53784'' / 33,376024 E 33° 22' 33,95712''
05	-19,475227 S 19° 28' 30,81864'' / 33,375995 E 33° 22' 33,58344''
06	-19,475322 S 19° 28' 31,15982'' / 33,375936 E 33° 22' 33,38328''
07	-19,475389 S 19° 28' 31,4202'' / 33,375810 E 33° 22' 33,026616''
08	-19,475387 S 19° 28' 31,43928'' / 33,375728 E 33° 22' 32,0972''
09	-19,475363 S 19° 28' 31,4567'' / 33,375631 E 33° 22' 32,27124''
10	-19,475365 S 19° 28' 31,15632'' / 33,375489 E 33° 22' 31,72332''

C4 – Sussundenga (28/04/2023) – After rainy season

Subsample N°	Coordinates
01	-19,532736 S 19° 31' 57,8496'' / 33,12766 E 33° 7' 39,27668''
02	-19,532832 S 19° 31' 57,96084'' / 33,12713 E 33° 7' 39,76608''
03	-19,532857 S 19° 31' 58,17108'' / 33,127729 E 33° 7' 39,825884''
04	-19,532819 S 19° 31' 58,14912'' / 33,127802 E 33° 7' 40,08108''
05	-19,532830 S 19° 31' 58,18656'' / 33,127874 E 33° 7' 40,3464''
06	-19,532714 S 19° 31' 57,75708'' / 33,127859 E 33° 7' 40,40112''
07	-19,532659 S 19° 31' 57,57348'' / 33,127926 E 33° 7' 40,13432''
08	-19,5532687 S 19° 31' 57,67176'' / 33,128089 E 33° 7' 41,11896''
09	-19,532572 S 19° 31' 57,26172'' / 33,128099 E 33° 7' 41,15784''
10	-19,532614 S 19° 31' 57,41796'' / 33,128178 E 33° 7' 41,44188''
11	-19,532823 S 19° 31' 57,49932'' / 33,128272 E 33° 7' 41,77356''
12	-19,532572 S 19° 31' 57,26748'' / 33,128337 E 33° 7' 42,01644''
13	-19,532439 S 19° 31' 56,33448'' / 33,128356 E 33° 7' 42,18784''
14	-19,532369 S 19° 31' 56,57376'' / 33,128255 E 33° 7' 41,71728''

15	-19,532264 S 19° 31` 56,15632" / 33,128266 E 33° 7` 41,75796"
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C5 – Sussundenga (28/04/2023) – After rainy season

N°	Coordinates
01	-19,529359 S 19°31`45,6563036" // 33,126480 E 33°7` 35,3262"
02	-19,529430 S 19°31`45,07504" // 33,126597 E 33°7` 35,74992"
03	-19,529504 S 19°31`46,21368" // 33,126596 E 33°7` 35,7456"
04	-19,529475 S 19°31`46,1964" // 33,126708 E 33°7` 36,14985"
05	-19,529359 S 19°31`45,70783" // 33,126794 E 33°7` 36,45984"
06	-19,529304 S 19°31`45,49656" // 33,126763 E 33°7` 36,34716"
07	-19,529235 S 19°31`45,26436" // 33,126835 E 33°7` 36,60528"
08	-19,529347 S 19°31`45,7824" // 33,126813 E 33°7` 36,67008"
09	-19,529617 S 19°31`46,36123" // 33,126561 E 33°7` 36,70032"
10	-19,529501 S 19°31`46,18854" // 33,127032 E 33°7` 37,31376"
11	-19,529391 S 19°31`45,84864" // 33,127105 E 33°7` 37,57872"
12	-19,529434 S 19°31`45,97532" // 33,127204 E 33°7` 37,93554"
13	-19,529475 S 19°31`46,11288" // 33,127286 E 33°7` 38,2278"
14	-19,529373 S 19°31`45,75252" // 33,127318 E 33°7` 38,343"
15	-19,529272 S 19°31`45,37704" // 33,127421 E 33°7` 38,75452"