**Doc Type:** **Working Group Document**
**Title:** **Towards the ordering of the Shuishu script in the UCS**
**Source:** **Michael Everson**
**Status:** **Individual Contribution**
**Action:** **For consideration by JTC1/SC2/WG2 and UTC**
**Date:** **2017-07-26**

**0. Introduction.** This document augments N4796 (L2/16-263). That document presented the Shuishu character repertoire in a table sorted on a pinyin-based transliteration of the words the logograms refer to. It was suggested that while such an arrangement might be a useful part of a dictionary, for a character set chart the most sensible arrangement would be by shape, so that a person who had an unidentified character could identify it.

**1. Radical ordering Draft 1.** A preliminary list was drawn up by our Shui colleagues in consultation with Daisy Lai. In that scheme 36 classes of radicals were devised, with between one and four sub-radicals within each for a total of 86 radicals. The sub-radical structure is somewhat unusual, and in the implementation it was sometimes difficult to determine the ordering within each section. Myself familiar with CJK ordering, I found this original radical ordering to be somewhat confusing and non-intuitive. It was a good first draft of a structure, but in working with it I found that certain improvements suggested themselves.

**2. Radical ordering Draft 2.** I made an attempt at rationalizing the 86 radicals, retaining relative ordering between related radicals but reverting to the CJK-style stroke-count ordering of both radicals and then of the characters ordered within the radicals. It turns out that only 67 of those 86 original radicals were actually in use. A revised chart was transmitted to our Shui colleagues for examination; they responded enthusiastically, noting that their original ordering had been made

> according to the Shuishu shape, mainly for reader easy to find. But it is not perfect, and within [radical] groups there is no regular rule for ordering.

They found my revised table to be useful, because

> each group is [arranged] strictly in accordance with the number of strokes from less to more. It is precise, more reasonable, more in line with the classification principle. But Mr Everson may not familiar with the Chinese stroke writing order, some of the Shuishu categories does not meet the "first stroke" and "radical" classification requirements, as well as characters stroke writing continuously…

**3. Radical ordering Draft 3.** They supplied a set of instructions, reducing my 67 radicals to 45, giving six of them "radical variants" for a total of 51. Two of these seemed to be redundant, being simple horizontal and vertical mirrors of the base characters, and one (for "anthropomorphic figures") seemed

unnecessary as there were also non-radical categories for ordering other living creatures. Yesterday I forwarded a revised code chart, based on their comments.

**4. Radical ordering Draft 4.** Ad-hoc discussion continues but it seems clear that we will come to consensus before the WG2 meeting in Hohhot in September. One of the things they did was revise some of my stroke-counts, based on the way that Shuishu characters are actually written (which I could not predict, being schooled only in the principles of CJK stroke order). Along with a revised chart I sent them further questions for consideration, which can be summarized thus:

1. The location of 鬲 'to offer fish', under the ✕-radical, the ⊓-radical, or along with other fish.

2. The location of 艹, 丗, and 卌, as one of these three approaches:
    a) 二 (艹, 丗), 十 (卌)
    b) 卄 (艹, 丗, 卌)
    c) 二 (艹, 丗), 一 (卌).

3. The location of 双, under the ○-radical or the ∪-radical.

4. The direction the ♭-radical should face, given ᴙ, 旸, and 𝄖.

5. Whether a 秂-radical is needed or if "Anthropomorphic figures' is sufficient.

6. The organization of animals. I have proposed this:
    a) Mammals facing up (犬), Mammals upside-down facing left (𝄈), Mammals facing left (犾 犳 犇 犿 犺 犵), Mammals facing right (犲 犿 犱 犲 犳 犰 犴), Parts of Mammals (𝄈 𝄐). I am not exactly sure what direction the monkeys are facing (犰 犴).
    b) Birds upside-down facing left (𝄈 𝄏), Birds upside-down facing left (犬), Birds facing right (𝄈 𝄓 𝄔 𝄕 𝄖).
    c) Reptiles in order of glyph complexity (𝄷 𝄲 𝄴).
    d) Fish facing left (𝄒), Fish facing right (𝄔 鬲).
    e) Invertebrates in order of glyph complexity (𝄵 𝄶 𝄷).
    f) Plant (𝄸).

**5. Charts.** Given below is my current draft, being evaluated by our Shui colleagues. I have also given the radical charts for Draft 1 and Draft 2 respectively, for interest.

**6. Prognosis.** Character names and repertoire for Shuishu characters are not controversial. Organizing the chart should be completed well in advance of the WG2 meeting in Hohhot.

| | 1B30 | 1B31 | 1B32 | 1B33 | 1B34 | 1B35 | 1B36 | 1B37 | 1B38 | 1B39 | 1B3A | 1B3B | 1B3C | 1B3D | 1B3E | 1B3F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1B300 | 1B310 | 1B320 | 1B330 | 1B340 | 1B350 | 1B360 | 1B370 | 1B380 | 1B390 | 1B3A0 | 1B3B0 | 1B3C0 | 1B3D0 | 1B3E0 | 1B3F0 |
| 1 | 1B301 | 1B311 | 1B321 | 1B331 | 1B341 | 1B351 | 1B361 | 1B371 | 1B381 | 1B391 | 1B3A1 | 1B3B1 | 1B3C1 | 1B3D1 | 1B3E1 | 1B3F1 |
| 2 | 1B302 | 1B312 | 1B322 | 1B332 | 1B342 | 1B352 | 1B362 | 1B372 | 1B382 | 1B392 | 1B3A2 | 1B3B2 | 1B3C2 | 1B3D2 | 1B3E2 | 1B3F2 |
| 3 | 1B303 | 1B313 | 1B323 | 1B333 | 1B343 | 1B353 | 1B363 | 1B373 | 1B383 | 1B393 | 1B3A3 | 1B3B3 | 1B3C3 | 1B3D3 | 1B3E3 | 1B3F3 |
| 4 | 1B304 | 1B314 | 1B324 | 1B334 | 1B344 | 1B354 | 1B364 | 1B374 | 1B384 | 1B394 | 1B3A4 | 1B3B4 | 1B3C4 | 1B3D4 | 1B3E4 | 1B3F4 |
| 5 | 1B305 | 1B315 | 1B325 | 1B335 | 1B345 | 1B355 | 1B365 | 1B375 | 1B385 | 1B395 | 1B3A5 | 1B3B5 | 1B3C5 | 1B3D5 | 1B3E5 | 1B3F5 |
| 6 | 1B306 | 1B316 | 1B326 | 1B336 | 1B346 | 1B356 | 1B366 | 1B376 | 1B386 | 1B396 | 1B3A6 | 1B3B6 | 1B3C6 | 1B3D6 | 1B3E6 | 1B3F6 |
| 7 | 1B307 | 1B317 | 1B327 | 1B337 | 1B347 | 1B357 | 1B367 | 1B377 | 1B387 | 1B397 | 1B3A7 | 1B3B7 | 1B3C7 | 1B3D7 | 1B3E7 | 1B3F7 |
| 8 | 1B308 | 1B318 | 1B328 | 1B338 | 1B348 | 1B358 | 1B368 | 1B378 | 1B388 | 1B398 | 1B3A8 | 1B3B8 | 1B3C8 | 1B3D8 | 1B3E8 | 1B3F8 |
| 9 | 1B309 | 1B319 | 1B329 | 1B339 | 1B349 | 1B359 | 1B369 | 1B379 | 1B389 | 1B399 | 1B3A9 | 1B3B9 | 1B3C9 | 1B3D9 | 1B3E9 | 1B3F9 |
| A | 1B30A | 1B31A | 1B32A | 1B33A | 1B34A | 1B35A | 1B36A | 1B37A | 1B38A | 1B39A | 1B3AA | 1B3BA | 1B3CA | 1B3DA | 1B3EA | 1B3FA |
| B | 1B30B | 1B31B | 1B32B | 1B33B | 1B34B | 1B35B | 1B36B | 1B37B | 1B38B | 1B39B | 1B3AB | 1B3BB | 1B3CB | 1B3DB | 1B3EB | 1B3FB |
| C | 1B30C | 1B31C | 1B32C | 1B33C | 1B34C | 1B35C | 1B36C | 1B37C | 1B38C | 1B39C | 1B3AC | 1B3BC | 1B3CC | 1B3DC | 1B3EC | 1B3FC |
| D | 1B30D | 1B31D | 1B32D | 1B33D | 1B34D | 1B35D | 1B36D | 1B37D | 1B38D | 1B39D | 1B3AD | 1B3BD | 1B3CD | 1B3DD | 1B3ED | 1B3FD |
| E | 1B30E | 1B31E | 1B32E | 1B33E | 1B34E | 1B35E | 1B36E | 1B37E | 1B38E | 1B39E | 1B3AE | 1B3BE | 1B3CE | 1B3DE | 1B3EE | 1B3FE |
| F | 1B30F | 1B31F | 1B32F | 1B33F | 1B34F | 1B35F | 1B36F | 1B37F | 1B38F | 1B39F | 1B3AF | 1B3BF | 1B3CF | 1B3DF | 1B3EF | 1B3FF |

| | 1B40 | 1B41 | 1B42 | 1B43 | 1B44 | 1B45 | 1B46 | 1B47 | 1B48 | 1B49 | 1B4A | 1B4B | 1B4C | 1B4D | 1B4E | 1B4F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1B400 | 1B410 | 1B420 | 1B430 | 1B440 | 1B450 | 1B460 | 1B470 | 1B480 | 1B490 | 1B4A0 | 1B4B0 | 1B4C0 | 1B4D0 | 1B4E0 | |
| 1 | 1B401 | 1B411 | 1B421 | 1B431 | 1B441 | 1B451 | 1B461 | 1B471 | 1B481 | 1B491 | 1B4A1 | 1B4B1 | 1B4C1 | 1B4D1 | 1B4E1 | |
| 2 | 1B402 | 1B412 | 1B422 | 1B432 | 1B442 | 1B452 | 1B462 | 1B472 | 1B482 | 1B492 | 1B4A2 | 1B4B2 | 1B4C2 | 1B4D2 | 1B4E2 | |
| 3 | 1B403 | 1B413 | 1B423 | 1B433 | 1B443 | 1B453 | 1B463 | 1B473 | 1B483 | 1B493 | 1B4A3 | 1B4B3 | 1B4C3 | 1B4D3 | 1B4E3 | |
| 4 | 1B404 | 1B414 | 1B424 | 1B434 | 1B444 | 1B454 | 1B464 | 1B474 | 1B484 | 1B494 | 1B4A4 | 1B4B4 | 1B4C4 | 1B4D4 | 1B4E4 | |
| 5 | 1B405 | 1B415 | 1B425 | 1B435 | 1B445 | 1B455 | 1B465 | 1B475 | 1B485 | 1B495 | 1B4A5 | 1B4B5 | 1B4C5 | 1B4D5 | 1B4E5 | |
| 6 | 1B406 | 1B416 | 1B426 | 1B436 | 1B446 | 1B456 | 1B466 | 1B476 | 1B486 | 1B496 | 1B4A6 | 1B4B6 | 1B4C6 | 1B4D6 | | |
| 7 | 1B407 | 1B417 | 1B427 | 1B437 | 1B447 | 1B457 | 1B467 | 1B477 | 1B487 | 1B497 | 1B4A7 | 1B4B7 | 1B4C7 | 1B4D7 | | |
| 8 | 1B408 | 1B418 | 1B428 | 1B438 | 1B448 | 1B458 | 1B468 | 1B478 | 1B488 | 1B498 | 1B4A8 | 1B4B8 | 1B4C8 | 1B4D8 | | |
| 9 | 1B409 | 1B419 | 1B429 | 1B439 | 1B449 | 1B459 | 1B469 | 1B479 | 1B489 | 1B499 | 1B4A9 | 1B4B9 | 1B4C9 | 1B4D9 | | |
| A | 1B40A | 1B41A | 1B42A | 1B43A | 1B44A | 1B45A | 1B46A | 1B47A | 1B48A | 1B49A | 1B4AA | 1B4BA | 1B4CA | 1B4DA | | |
| B | 1B40B | 1B41B | 1B42B | 1B43B | 1B44B | 1B45B | 1B46B | 1B47B | 1B48B | 1B49B | 1B4AB | 1B4BB | 1B4CB | 1B4DB | | |
| C | 1B40C | 1B41C | 1B42C | 1B43C | 1B44C | 1B45C | 1B46C | 1B47C | 1B48C | 1B49C | 1B4AC | 1B4BC | 1B4CC | 1B4DC | | |
| D | 1B40D | 1B41D | 1B42D | 1B43D | 1B44D | 1B45D | 1B46D | 1B47D | 1B48D | 1B49D | 1B4AD | 1B4BD | 1B4CD | 1B4DD | | |
| E | 1B40E | 1B41E | 1B42E | 1B43E | 1B44E | 1B45E | 1B46E | 1B47E | 1B48E | 1B49E | 1B4AE | 1B4BE | 1B4CE | 1B4DE | | |
| F | 1B40F | 1B41F | 1B42F | 1B43F | 1B44F | 1B45F | 1B46F | 1B47F | 1B48F | 1B49F | 1B4AF | 1B4BF | 1B4CF | 1B4DF | | |

## Radical-01

| | | |
|---|---|---|
| 1B300 | 一 | SHUISHU LOGOGRAM QYED7-A |
| | | → 1B500 一 shuishu radical-01 |
| 1B301 | | SHUISHU LOGOGRAM BYEENG3 |
| 1B302 | | SHUISHU LOGOGRAM DAI6 |
| 1B303 | 兀 | SHUISHU LOGOGRAM HNGAAN5 HNGOU1 |
| 1B304 | | SHUISHU LOGOGRAM BI2 KU1 |
| 1B305 | | SHUISHU LOGOGRAM QYUM5-A |
| 1B306 | | SHUISHU LOGOGRAM HED7 |
| 1B307 | | SHUISHU LOGOGRAM DYUM1 FONG2 HU3 |
| 1B308 | | SHUISHU LOGOGRAM XGO3 |
| 1B309 | | SHUISHU LOGOGRAM YU4 |
| 1B30A | | SHUISHU LOGOGRAM DOI6 |
| 1B30B | | SHUISHU LOGOGRAM MOG8 |
| 1B30C | | SHUISHU LOGOGRAM DYOU3 DED7 |
| 1B30D | | SHUISHU LOGOGRAM KAAM3 |
| 1B30E | | SHUISHU LOGOGRAM ZAM2 |
| 1B30F | | SHUISHU LOGOGRAM BA2 |
| 1B310 | | SHUISHU LOGOGRAM NDEN1 |
| 1B311 | | SHUISHU LOGOGRAM LYEEU2 |
| 1B312 | | SHUISHU LOGOGRAM FAI4 NU4 |
| 1B313 | | SHUISHU LOGOGRAM ZING3 |
| 1B314 | | SHUISHU LOGOGRAM XGAAN2 FU5 |
| 1B315 | | SHUISHU LOGOGRAM KAANG5 |
| 1B316 | | SHUISHU LOGOGRAM DI6-A |

## Radical-02

| | | |
|---|---|---|
| 1B317 | 上 | SHUISHU LOGOGRAM GGAM4 MOG8 |
| | | → 1B501 丨 shuishu radical-02 |
| 1B318 | 忄 | SHUISHU LOGOGRAM LUNG5 |
| 1B319 | ‖ | SHUISHU LOGOGRAM NNI6 |
| 1B31A | | SHUISHU LOGOGRAM GGUI5 |
| 1B31B | | SHUISHU LOGOGRAM XAM3 |
| 1B31C | 川 | SHUISHU LOGOGRAM HAAM1 |
| 1B31D | 𝕝𝕝 | SHUISHU LOGOGRAM NYEEM6 YU5 |
| 1B31E | 冖 | SHUISHU LOGOGRAM UN1 DANG5 |
| 1B31F | | SHUISHU LOGOGRAM DYAB8 |
| 1B320 | 𝕏 | SHUISHU LOGOGRAM XEN1 |
| 1B321 | 山 | SHUISHU LOGOGRAM QDONG1 |
| 1B322 | | SHUISHU LOGOGRAM SYAANG6 |
| 1B323 | | SHUISHU LOGOGRAM REN1-A |
| 1B324 | | SHUISHU LOGOGRAM YED8 MYA1 |
| 1B325 | | SHUISHU LOGOGRAM UN1 DANG5 QNING3 |
| 1B326 | | SHUISHU LOGOGRAM QDONG1 LAO4 |
| 1B327 | | SHUISHU LOGOGRAM BAAN2 |
| 1B328 | | SHUISHU LOGOGRAM BIG7 SUI3 JEN1 |
| 1B329 | | SHUISHU LOGOGRAM MYEED8 MEN2 |
| 1B32A | | SHUISHU LOGOGRAM DONG2 SEI5 DANG1 |
| 1B32B | | SHUISHU LOGOGRAM DYEEN6 |
| 1B32C | | SHUISHU LOGOGRAM GWE1 |
| 1B32D | | SHUISHU LOGOGRAM ZAB8 |

## Radical-03 and Radical-03-A

| | | |
|---|---|---|
| 1B32E | 少 | SHUISHU LOGOGRAM SAAN1 |
| | | → 1B502 丿 shuishu radical-03 |
| | | → 1B503 乚 shuishu radical-03-a |
| 1B32F | | SHUISHU LOGOGRAM MBEE1 |
| 1B330 | | SHUISHU LOGOGRAM GGAG7 |
| 1B331 | | SHUISHU LOGOGRAM NNAO6-A |
| 1B332 | 矢 | SHUISHU LOGOGRAM MYEED8 |
| 1B333 | 夕 | SHUISHU LOGOGRAM QDEE3 |
| 1B334 | | SHUISHU LOGOGRAM AAN1 QWON5 |
| 1B335 | | SHUISHU LOGOGRAM XGGAI3 |
| 1B336 | 由 | SHUISHU LOGOGRAM MAN6-B |
| 1B337 | | SHUISHU LOGOGRAM YEN2 YUI2 |
| 1B338 | | SHUISHU LOGOGRAM ZEN5 |
| 1B339 | | SHUISHU LOGOGRAM MYO3 |

## Radical-04

| | | |
|---|---|---|
| 1B33A | | SHUISHU LOGOGRAM JOD8 |
| | | → 1B504 丶 shuishu radical-04 |
| 1B33B | | SHUISHU LOGOGRAM DYUM1-B |
| 1B33C | | SHUISHU LOGOGRAM QBYAAG7 |

## Radical-05

| | | |
|---|---|---|
| 1B33D | | SHUISHU LOGOGRAM HMAAG7 |
| | | → 1B505 𠃌 shuishu radical-05 |
| 1B33E | | SHUISHU LOGOGRAM DOI5 |
| 1B33F | | SHUISHU LOGOGRAM JAN3 |
| 1B340 | | SHUISHU LOGOGRAM MEE2 |
| 1B341 | | SHUISHU LOGOGRAM HED8 |
| 1B342 | | SHUISHU LOGOGRAM FEN1 |
| 1B343 | | SHUISHU LOGOGRAM KKOU3-A |
| 1B344 | | SHUISHU LOGOGRAM LA1 |
| 1B345 | | SHUISHU LOGOGRAM QYAM1 |
| 1B346 | | SHUISHU LOGOGRAM DYU5 |
| 1B347 | | SHUISHU LOGOGRAM DOI5 DOU2 |

## Radical-06

| | | |
|---|---|---|
| 1B348 | 刀 | SHUISHU LOGOGRAM SO1 |
| | | → 1B506 乛 shuishu radical-06 |
| 1B349 | 㔾 | SHUISHU LOGOGRAM FAANG1 |
| 1B34A | | SHUISHU LOGOGRAM JUI5 |
| 1B34B | 夕 | SHUISHU LOGOGRAM NYEEN2 |
| 1B34C | 有 | SHUISHU LOGOGRAM YAANG2 |
| 1B34D | | SHUISHU LOGOGRAM YUM1-A |
| 1B34E | | SHUISHU LOGOGRAM ZI3 |
| 1B34F | | SHUISHU LOGOGRAM BYONG4 |
| 1B350 | | SHUISHU LOGOGRAM PYEI5 |

## Radical-07

| | | |
|---|---|---|
| 1B351 | 乙 | SHUISHU LOGOGRAM QYED7-B |
| | | → 1B507 乙 shuishu radical-07 |
| 1B352 | 孔 | SHUISHU LOGOGRAM FU4 |
| 1B353 | 私 | SHUISHU LOGOGRAM NDOU5 |
| 1B354 | | SHUISHU LOGOGRAM EI3 SOU3 |
| 1B355 | | SHUISHU LOGOGRAM BANG6 |

## Radical-08

| | | |
|---|---|---|
| 1B356 | 彡 | SHUISHU LOGOGRAM LYU2 LI2 SUI3 |
| | | → 1B508 彡 shuishu radical-08 |
| 1B357 | | SHUISHU LOGOGRAM XONG1 XEEP7 |
| 1B358 | | SHUISHU LOGOGRAM SA1 BONG2 |
| 1B359 | 邪 | SHUISHU LOGOGRAM DI6 HAANG1 FAN1 |
| 1B35A | | SHUISHU LOGOGRAM BYED8 XONG1 |
| 1B35B | | SHUISHU LOGOGRAM XA3 |
| 1B35C | | SHUISHU LOGOGRAM VYEN3 |
| 1B35D | | SHUISHU LOGOGRAM GA1 |
| | | • dragon |
| 1B35E | | SHUISHU LOGOGRAM DEE5 |
| 1B35F | | SHUISHU LOGOGRAM SO3 SYEEN1 |
| 1B360 | | SHUISHU LOGOGRAM ZAANG1 NNOD8 LOG8 |
| | | • Spider (constellation) |

## Radical-09

| | | |
|---|---|---|
| 1B361 | ▽ | SHUISHU LOGOGRAM JAAB7 |
| | | → 1B509 ▽ shuishu radical-09 |
| 1B362 | | SHUISHU LOGOGRAM QNA3 |
| 1B363 | | SHUISHU LOGOGRAM NI4 |
| 1B364 | | SHUISHU LOGOGRAM MAO4 |
| 1B365 | | SHUISHU LOGOGRAM YUM1-B |
| 1B366 | | SHUISHU LOGOGRAM GGEEN1 |
| 1B367 | | SHUISHU LOGOGRAM XGAAN2 |
| 1B368 | | SHUISHU LOGOGRAM QBA3 |
| 1B369 | | SHUISHU LOGOGRAM DIG7-A |

## Radical-10

1B36A 　 SHUISHU LOGOGRAM GU3 SUB7
　　→ 1B50A 　 shuishu radical-10
1B36B 　 SHUISHU LOGOGRAM DA3
1B36C 　 SHUISHU LOGOGRAM BEN3
1B36D 　 SHUISHU LOGOGRAM XONG1
1B36E 　 SHUISHU LOGOGRAM FONG2
1B36F 　 SHUISHU LOGOGRAM VA3
1B370 　 SHUISHU LOGOGRAM LEN2
1B371 　 SHUISHU LOGOGRAM NYUM5
1B372 　 SHUISHU LOGOGRAM LI2
1B373 　 SHUISHU LOGOGRAM DIG7-B
1B374 　 SHUISHU LOGOGRAM BU1

## Radical-11

1B375 　 SHUISHU LOGOGRAM GGOU3 RAI5
　　→ 1B50B 　 shuishu radical-11
1B376 　 SHUISHU LOGOGRAM KKOU1
1B377 　 SHUISHU LOGOGRAM DU3 BYAI2
1B378 　 SHUISHU LOGOGRAM JAAB8

## Radical-12

1B379 　 SHUISHU LOGOGRAM GWAAI5
　　→ 1B50C 　 shuishu radical-12
1B37A 　 SHUISHU LOGOGRAM HAM3
1B37B 　 SHUISHU LOGOGRAM SA5 SYEENG1
1B37C 　 SHUISHU LOGOGRAM JI1
1B37D 　 SHUISHU LOGOGRAM YEENG3 GA1
1B37E 　 SHUISHU LOGOGRAM LIN3
1B37F 　 SHUISHU LOGOGRAM GAAM3
1B380 　 SHUISHU LOGOGRAM NNUM2
1B381 　 SHUISHU LOGOGRAM FAN2
1B382 　 SHUISHU LOGOGRAM SUI3
1B383 　 SHUISHU LOGOGRAM MAN1
1B384 　 SHUISHU LOGOGRAM LYEEU4 JA1 XOD8
1B385 　 SHUISHU LOGOGRAM XON6
1B386 　 SHUISHU LOGOGRAM JU3 SUI3 BEEU5
　　• Panther (constellation)
1B387 　 SHUISHU LOGOGRAM JED7 SAAD7
1B388 　 SHUISHU LOGOGRAM FONG1 YONG2
1B389 　 SHUISHU LOGOGRAM NGO4 HU3
1B38A 　 SHUISHU LOGOGRAM DAO5
1B38B 　 SHUISHU LOGOGRAM HO3
1B38C 　 SHUISHU LOGOGRAM JUI3 SAAD7 JA1
1B38D 　 SHUISHU LOGOGRAM QXGOG7
1B38E 　 SHUISHU LOGOGRAM ZON5
1B38F 　 SHUISHU LOGOGRAM KKAANG1
1B390 　 SHUISHU LOGOGRAM DO5 QWAANG5
1B391 　 SHUISHU LOGOGRAM MON1
1B392 　 SHUISHU LOGOGRAM GAM6
1B393 　 SHUISHU LOGOGRAM FAAN6

## Radical-13

1B394 　 SHUISHU LOGOGRAM ZEENG6
　　→ 1B50D 　 shuishu radical-13
1B395 　 SHUISHU LOGOGRAM MID8
1B396 　 SHUISHU LOGOGRAM NUG8
1B397 　 SHUISHU LOGOGRAM LAM1
1B398 　 SHUISHU LOGOGRAM YIU1
1B399 　 SHUISHU LOGOGRAM LO1
1B39A 　 SHUISHU LOGOGRAM NAAM2
1B39B 　 SHUISHU LOGOGRAM NDAI5

## Radical-14

1B39C 　 SHUISHU LOGOGRAM XOD8 LU6
　　→ 1B50E 　 shuishu radical-14
1B39D 　 SHUISHU LOGOGRAM BANG1
1B39E 　 SHUISHU LOGOGRAM BEN2 DONG2

1B39F 　 SHUISHU LOGOGRAM PEEU1 NNAN2

## Radical-15

1B3A0 　 SHUISHU LOGOGRAM VAN1
　　→ 1B50F 　 shuishu radical-15
1B3A1 　 SHUISHU LOGOGRAM ZONG2
1B3A2 　 SHUISHU LOGOGRAM DA5
1B3A3 　 SHUISHU LOGOGRAM HEN2-B
1B3A4 　 SHUISHU LOGOGRAM HUN4
1B3A5 　 SHUISHU LOGOGRAM XONG1 QYED7
1B3A6 　 SHUISHU LOGOGRAM QBYAI5
1B3A7 　 SHUISHU LOGOGRAM RED7
1B3A8 　 SHUISHU LOGOGRAM NNAAN1

## Radical-16

1B3A9 　 SHUISHU LOGOGRAM GEI5
　　→ 1B510 　 shuishu radical-16
1B3AA 　 SHUISHU LOGOGRAM QXGEN5 JA1
1B3AB 　 SHUISHU LOGOGRAM DAANG2
1B3AC 　 SHUISHU LOGOGRAM GING3
1B3AD 　 SHUISHU LOGOGRAM QDAI1
1B3AE 　 SHUISHU LOGOGRAM DUI4
1B3AF 　 SHUISHU LOGOGRAM GA4 FA1
1B3B0 　 SHUISHU LOGOGRAM LOU4
1B3B1 　 SHUISHU LOGOGRAM KKAG7
1B3B2 　 SHUISHU LOGOGRAM XI3 VYEN5
1B3B3 　 SHUISHU LOGOGRAM XEEN2 BYED8 XGAAN2
1B3B4 　 SHUISHU LOGOGRAM ZEN2

## Radical-17

1B3B5 　 SHUISHU LOGOGRAM HO4
　　→ 1B511 　 shuishu radical-17
1B3B6 　 SHUISHU LOGOGRAM BU2 MBYIU1
1B3B7 　 SHUISHU LOGOGRAM KKUI1 MOK8 LAANG2
　　• Snail (constellation)
1B3B8 　 SHUISHU LOGOGRAM SEN1-B
1B3B9 　 SHUISHU LOGOGRAM GGED7 DYU5
1B3BA 　 SHUISHU LOGOGRAM LYEEM2

## Radical-18

1B3BB 　 SHUISHU LOGOGRAM TAAM1
　　→ 1B512 　 shuishu radical-18
1B3BC 　 SHUISHU LOGOGRAM XGAAN6
1B3BD 　 SHUISHU LOGOGRAM TIN1
1B3BE 　 SHUISHU LOGOGRAM GON5
1B3BF 　 SHUISHU LOGOGRAM LIU4
1B3C0 　 SHUISHU LOGOGRAM XEEN1
1B3C1 　 SHUISHU LOGOGRAM HAANG4
1B3C2 　 SHUISHU LOGOGRAM SOG8-A
1B3C3 　 SHUISHU LOGOGRAM LO5

## Radical-19

1B3C4 　 SHUISHU LOGOGRAM DYEENG1
　　→ 1B513 　 shuishu radical-19
1B3C5 　 SHUISHU LOGOGRAM GGAAN5 GGONG1
1B3C6 　 SHUISHU LOGOGRAM YA3
1B3C7 　 SHUISHU LOGOGRAM DOG7
1B3C8 　 SHUISHU LOGOGRAM BAAG8
1B3C9 　 SHUISHU LOGOGRAM HA3
1B3CA 　 SHUISHU LOGOGRAM BEEG7
1B3CB 　 SHUISHU LOGOGRAM U1
1B3CC 　 SHUISHU LOGOGRAM PYEE1
1B3CD 　 SHUISHU LOGOGRAM SI2
1B3CE 　 SHUISHU LOGOGRAM JED7
1B3CF 　 SHUISHU LOGOGRAM FU5
1B3D0 　 SHUISHU LOGOGRAM GGAO5
1B3D1 　 SHUISHU LOGOGRAM QYUM5-B
1B3D2 　 SHUISHU LOGOGRAM QDYU3

1B3D3 SHUISHU LOGOGRAM NNUN2
1B3D4 SHUISHU LOGOGRAM HAAD8
1B3D5 SHUISHU LOGOGRAM LYEEN2
1B3D6 SHUISHU LOGOGRAM QYU3
1B3D7 SHUISHU LOGOGRAM BYAM1
1B3D8 SHUISHU LOGOGRAM DU3 QDAO3
1B3D9 SHUISHU LOGOGRAM QDAI1 VAN1

## Radical-20

1B3DA SHUISHU LOGOGRAM SUB8
→ 1B514 ✝ shuishu radical-20
1B3DB SHUISHU LOGOGRAM XED7-B
1B3DC SHUISHU LOGOGRAM SUB8 QYED7
1B3DD SHUISHU LOGOGRAM GAM3
1B3DE SHUISHU LOGOGRAM GUB7
1B3DF SHUISHU LOGOGRAM JU3
1B3E0 SHUISHU LOGOGRAM NGO2
1B3E1 SHUISHU LOGOGRAM ZOU6
1B3E2 SHUISHU LOGOGRAM SUB8 NNI6
1B3E3 SHUISHU LOGOGRAM HAG7
1B3E4 SHUISHU LOGOGRAM DI6-A
1B3E5 SHUISHU LOGOGRAM DAI6 JED7
1B3E6 SHUISHU LOGOGRAM MU6
1B3E7 SHUISHU LOGOGRAM ZYEI1
1B3E8 SHUISHU LOGOGRAM DEI2 JEN1

## Radical-21

1B3E9 SHUISHU LOGOGRAM REN1 LAO4
→ 1B515 ⊓ shuishu radical-21
1B3EA SHUISHU LOGOGRAM FONG2 DOU3
1B3EB SHUISHU LOGOGRAM TYEEN1 GGAANG1 OU4
1B3EC SHUISHU LOGOGRAM XI3-B
1B3ED SHUISHU LOGOGRAM AAN1 MA4
1B3EE SHUISHU LOGOGRAM SAM5
1B3EF SHUISHU LOGOGRAM SUM3
1B3F0 SHUISHU LOGOGRAM GUNG2
1B3F1 SHUISHU LOGOGRAM SYEEN1
1B3F2 SHUISHU LOGOGRAM LAI6
1B3F3 SHUISHU LOGOGRAM BYAAN6
1B3F4 SHUISHU LOGOGRAM QNNAAM1 QNNAG7
1B3F5 SHUISHU LOGOGRAM XGAAN2 MEN2
1B3F6 SHUISHU LOGOGRAM DA4
1B3F7 SHUISHU LOGOGRAM MING6

## Radical-22

1B3F8 SHUISHU LOGOGRAM DAI6 BAI6
→ 1B516 ⼋ shuishu radical-22
1B3F9 SHUISHU LOGOGRAM NGAAN5
1B3FA SHUISHU LOGOGRAM QDEI3
1B3FB SHUISHU LOGOGRAM SING2
1B3FC SHUISHU LOGOGRAM DEI1
1B3FD SHUISHU LOGOGRAM HAANG4 DANG1
1B3FE SHUISHU LOGOGRAM SEN1-A
1B3FF SHUISHU LOGOGRAM EI3 HO3
1B400 SHUISHU LOGOGRAM MOK8 FONG2
1B401 SHUISHU LOGOGRAM HNGAAN5
1B402 SHUISHU LOGOGRAM UN1
1B403 SHUISHU LOGOGRAM HAN5
1B404 SHUISHU LOGOGRAM SAI6 FAN1

## Radical-23

1B405 SHUISHU LOGOGRAM VA2
→ 1B517 ⼻ shuishu radical-23
1B406 SHUISHU LOGOGRAM BU4
1B407 SHUISHU LOGOGRAM LAAG8
1B408 SHUISHU LOGOGRAM XUM1 NNOD8 U1
• Sun (constellation)
1B409 SHUISHU LOGOGRAM ZEEM4

## Radical-24 and Radical-24-A

1B40A SHUISHU LOGOGRAM DONG1
→ 1B518 ⼋ shuishu radical-24
→ 1B519 ⼂ shuishu radical-24-a
1B40B SHUISHU LOGOGRAM BAI1
1B40C SHUISHU LOGOGRAM BYEENG2
1B40D SHUISHU LOGOGRAM BIG7 SUI3 KAANG5
1B40E SHUISHU LOGOGRAM JUM1
1B40F SHUISHU LOGOGRAM JAI5
1B410 SHUISHU LOGOGRAM DIN2

## Radical-25

1B411 SHUISHU LOGOGRAM BYED8 YING5
→ 1B51A ✕ shuishu radical-25
1B412 SHUISHU LOGOGRAM BYED8-B
1B413 SHUISHU LOGOGRAM BYEENG2 BYAG8

## Radical-26 and Radical-26-A

1B414 SHUISHU LOGOGRAM QYEN5 DI4
→ 1B51B ⼼ shuishu radical-26
→ 1B51C ⼼ shuishu radical-26-a
1B415 SHUISHU LOGOGRAM JI3
1B416 SHUISHU LOGOGRAM LYOG8-B
1B417 SHUISHU LOGOGRAM DAI6 SAD7
1B418 SHUISHU LOGOGRAM DIG7-C
1B419 SHUISHU LOGOGRAM YI2
1B41A SHUISHU LOGOGRAM PYA3
1B41B SHUISHU LOGOGRAM LA2 MAANG4
1B41C SHUISHU LOGOGRAM LWA1
1B41D SHUISHU LOGOGRAM DIG7 XGAAN2
1B41E SHUISHU LOGOGRAM SAAM3
1B41F SHUISHU LOGOGRAM XU1
1B420 SHUISHU LOGOGRAM HEN5
1B421 SHUISHU LOGOGRAM DAO2
1B422 SHUISHU LOGOGRAM QYON1

## Radical-27

1B423 SHUISHU LOGOGRAM BAAD7
→ 1B51D ⼊ shuishu radical-27
1B424 SHUISHU LOGOGRAM DU3 HA3
1B425 SHUISHU LOGOGRAM FA3
1B426 SHUISHU LOGOGRAM NUN2
1B427 SHUISHU LOGOGRAM GGAAM1
1B428 SHUISHU LOGOGRAM SA5
1B429 SHUISHU LOGOGRAM PYAAN6
1B42A SHUISHU LOGOGRAM JIU2

## Radical-28

1B42B SHUISHU LOGOGRAM ZUI2
→ 1B51E ⼊ shuishu radical-28
1B42C SHUISHU LOGOGRAM GEN3 SUI3 XGEN4
• Water Earthworm of Chariot (constellation)
1B42D SHUISHU LOGOGRAM NDONG5
1B42E SHUISHU LOGOGRAM SEI5
1B42F SHUISHU LOGOGRAM JA6
1B430 SHUISHU LOGOGRAM JI2
1B431 SHUISHU LOGOGRAM GA3
1B432 SHUISHU LOGOGRAM ZI3 LYEEU3
1B433 SHUISHU LOGOGRAM HAAN5
1B434 SHUISHU LOGOGRAM DONG2 SEI5
1B435 SHUISHU LOGOGRAM DANG3
1B436 SHUISHU LOGOGRAM DA5 WYAAN5
1B437 SHUISHU LOGOGRAM NI4 FU5
1B438 SHUISHU LOGOGRAM NGO4 GGUI5
1B439 SHUISHU LOGOGRAM MEI4 DYED7
1B43A SHUISHU LOGOGRAM MBYAANG1 OU4

## Radical-29

| | | |
|---|---|---|
| 1B43B | 与 | SHUISHU LOGOGRAM XI4 |
| | | → 1B51F Γ shuishu radical-29 |
| 1B43C | 㠯 | SHUISHU LOGOGRAM XI3-A |
| 1B43D | 珏 | SHUISHU LOGOGRAM SU3-A |
| 1B43E | 㿮 | SHUISHU LOGOGRAM HMA3 |
| 1B43F | � | SHUISHU LOGOGRAM UM3 |

## Radical-30

| | | |
|---|---|---|
| 1B440 | 工 | SHUISHU LOGOGRAM TU3 |
| | | → 1B520 エ shuishu radical-20 |
| 1B441 | 㢳 | SHUISHU LOGOGRAM ZYEENG1 |
| 1B442 | 㮥 | SHUISHU LOGOGRAM SU3-B |
| 1B443 | 㺨 | SHUISHU LOGOGRAM JU2 |
| 1B444 | 㺩 | SHUISHU LOGOGRAM NGO4 |
| 1B445 | 环 | SHUISHU LOGOGRAM DEN3 |

## Radical-31

| | | |
|---|---|---|
| 1B446 | �亏 | SHUISHU LOGOGRAM DYUNG3 |
| | | → 1B521 千 shuishu radical-31 |
| 1B447 | 㦰 | SHUISHU LOGOGRAM QBEN1 |
| 1B448 | 㾮 | SHUISHU LOGOGRAM LYOG8-A |
| 1B449 | 禾 | SHUISHU LOGOGRAM MI6 |
| 1B44A | 㢅 | SHUISHU LOGOGRAM GGEE4 |
| 1B44B | 㼼 | SHUISHU LOGOGRAM SEN2 |
| 1B44C | 㢃 | SHUISHU LOGOGRAM YONG6 |
| 1B44D | 㦷 | SHUISHU LOGOGRAM NU2 |
| 1B44E | 㦹 | SHUISHU LOGOGRAM SA5 XEEN2 |

## Radical-32

| | | |
|---|---|---|
| 1B44F | 㢁 | SHUISHU LOGOGRAM GGEENG1 |
| | | → 1B522 干 shuishu radical-32 |
| 1B450 | 㤶 | SHUISHU LOGOGRAM HEN2-A |
| 1B451 | 㦶 | SHUISHU LOGOGRAM DU3 DONG2 |
| 1B452 | 㼰 | SHUISHU LOGOGRAM QNNAM5 |

## Radical-33

| | | |
|---|---|---|
| 1B453 | 𠂤 | SHUISHU LOGOGRAM NNI6 SUB8 |
| | | → 1B523 艹 shuishu radical-33 |
| 1B454 | 㤂 | SHUISHU LOGOGRAM GGAM1 |
| 1B455 | 㿜 | SHUISHU LOGOGRAM QBAAN3 |
| 1B456 | 茶 | SHUISHU LOGOGRAM HEE4 |
| 1B457 | 其 | SHUISHU LOGOGRAM BEE1 |
| 1B458 | 㒱 | SHUISHU LOGOGRAM XGGAO3 |

## Radical-34 and Radical-34-A

| | | |
|---|---|---|
| 1B459 | 㢟 | SHUISHU LOGOGRAM XU1 YU3 |
| | | → 1B524 ''' shuishu radical-34 |
| | | → 1B525 ㇆ shuishu radical-34-a |
| 1B45A | 㢲 | SHUISHU LOGOGRAM MEI4 NNEI3 |
| 1B45B | 㡯 | SHUISHU LOGOGRAM MEE2 DU3 QDAO3 |
| 1B45C | 㢮 | SHUISHU LOGOGRAM XEEN2 |
| 1B45D | 㢭 | SHUISHU LOGOGRAM YEN2 |
| 1B45E | 㢱 | SHUISHU LOGOGRAM GWUN5 |
| 1B45F | 㢽 | SHUISHU LOGOGRAM VAANG1 |
| 1B460 | 㢸 | SHUISHU LOGOGRAM GGAM4 |
| 1B461 | 㢼 | SHUISHU LOGOGRAM QNGEE3 |
| 1B462 | 㢺 | SHUISHU LOGOGRAM JEEN2 |
| 1B463 | 㢴 | SHUISHU LOGOGRAM NDA1 |
| 1B464 | 㢷 | SHUISHU LOGOGRAM BYA6 SEENG1 DOU2 |

## Radical-35

| | | |
|---|---|---|
| 1B465 | 口 | SHUISHU LOGOGRAM SID7 |
| | | → 1B526 口 shuishu radical-35 |
| 1B466 | 㕭 | SHUISHU LOGOGRAM GWAAN1 |
| 1B467 | 㕮 | SHUISHU LOGOGRAM QXGA5 |

| | | |
|---|---|---|
| 1B468 | 叱 | SHUISHU LOGOGRAM DA6 |
| 1B469 | 回 | SHUISHU LOGOGRAM GWON1 QYEN5 |
| 1B46A | 虫 | SHUISHU LOGOGRAM ZAN6 |
| 1B46B | 㮦 | SHUISHU LOGOGRAM NNAO6-B |
| 1B46C | 回 | SHUISHU LOGOGRAM HONG5 |
| 1B46D | 口 | SHUISHU LOGOGRAM GU3 GGON4 |
| 1B46E | 図 | SHUISHU LOGOGRAM DON2 XGON2 |
| 1B46F | 図 | SHUISHU LOGOGRAM QXGA5 VA2 |
| 1B470 | 図 | SHUISHU LOGOGRAM TYEEN1 GGAANG1 |
| 1B471 | 里 | SHUISHU LOGOGRAM MBAAN1 |
| 1B472 | 㰚 | SHUISHU LOGOGRAM LANG6 |

## Radical-36

| | | |
|---|---|---|
| 1B473 | 㜣 | SHUISHU LOGOGRAM BYED8-A |
| | | → 1B527 ㇌ shuishu radical-36 |
| 1B474 | 㜤 | SHUISHU LOGOGRAM SOG8-B |
| 1B475 | 鼠 | SHUISHU LOGOGRAM KUI3 |

## Radical-37

| | | |
|---|---|---|
| 1B476 | 手 | SHUISHU LOGOGRAM MAN6-A |
| | | → 1B528 手 shuishu radical-37 |
| 1B477 | 手 | SHUISHU LOGOGRAM JID7 |
| 1B478 | 手 | SHUISHU LOGOGRAM HAI1 |
| 1B479 | 㧱 | SHUISHU LOGOGRAM KKAAM3 |
| 1B47A | 㧜 | SHUISHU LOGOGRAM GGAD7 |

## Radical-38

| | | |
|---|---|---|
| 1B47B | 㞮 | SHUISHU LOGOGRAM ZI6 |
| | | → 1B529 "" shuishu radical-38 |
| 1B47C | 㞯 | SHUISHU LOGOGRAM HUI6 DAANG2 |
| 1B47D | 㞰 | SHUISHU LOGOGRAM DAO5 AAN1 |
| 1B47E | 㞱 | SHUISHU LOGOGRAM LOG7 |
| 1B47F | 㞲 | SHUISHU LOGOGRAM PA5-A |
| 1B480 | 㞳 | SHUISHU LOGOGRAM HAAG8 |

## Radical-39

| | | |
|---|---|---|
| 1B481 | 兒 | SHUISHU LOGOGRAM AO1 |
| | | → 1B52A 日 shuishu radical-39 |
| 1B482 | 昆 | SHUISHU LOGOGRAM LAAG8 MBAAN1 |
| 1B483 | 㫩 | SHUISHU LOGOGRAM NDU3 |
| 1B484 | 㫪 | SHUISHU LOGOGRAM DAAB7 |
| 1B485 | 㫫 | SHUISHU LOGOGRAM XING1 NDA1 |
| 1B486 | 朝 | SHUISHU LOGOGRAM QDYA1 |
| 1B487 | 㫬 | SHUISHU LOGOGRAM BYA6 |
| 1B488 | 㫭 | SHUISHU LOGOGRAM DO1 FAANG1 |
| 1B489 | 㫮 | SHUISHU LOGOGRAM HNNAANG3 |
| 1B48A | 聖 | SHUISHU LOGOGRAM MYEEN2 |

## Radical-40

| | | |
|---|---|---|
| 1B48B | 爫 | SHUISHU LOGOGRAM SEE1 |
| | | → 1B52B 山 shuishu radical-40 |
| 1B48C | 爫 | SHUISHU LOGOGRAM FAAM4 |
| 1B48D | 㸖 | SHUISHU LOGOGRAM SAO5 |
| 1B48E | 㸗 | SHUISHU LOGOGRAM BAI1 QNUG7 |
| 1B48F | 㸘 | SHUISHU LOGOGRAM GGAN5 |
| 1B490 | 㸙 | SHUISHU LOGOGRAM HUI6 |
| 1B491 | 㸚 | SHUISHU LOGOGRAM NDAAN5 |
| 1B492 | 㸛 | SHUISHU LOGOGRAM YONG2 |
| 1B493 | 㸜 | SHUISHU LOGOGRAM DYUM1-A |
| 1B494 | 㸝 | SHUISHU LOGOGRAM XEN1 |
| 1B495 | 㸞 | SHUISHU LOGOGRAM NAI6 |
| 1B496 | 㸟 | SHUISHU LOGOGRAM MEI4 NUG8 SAO5 |
| 1B497 | 㸠 | SHUISHU LOGOGRAM HAI1 GGONG1 |
| 1B498 | 㸡 | SHUISHU LOGOGRAM VAANG6 |
| 1B499 | 㸢 | SHUISHU LOGOGRAM KKOU3-B |
| 1B49A | 㸣 | SHUISHU LOGOGRAM DEI2 |
| 1B49B | 㸤 | SHUISHU LOGOGRAM DANG1 |
| 1B49C | 㸥 | SHUISHU LOGOGRAM NDYEI3 |

1B49D 瞥 SHUISHU LOGOGRAM ZUD7

## Radical-41

1B49E 皿 SHUISHU LOGOGRAM XI5
→ 1B52C 皿 shuishu radical-41
1B49F 罱 SHUISHU LOGOGRAM XI5 HAAN5
1B4A0 眂 SHUISHU LOGOGRAM AM5
1B4A1 罠 SHUISHU LOGOGRAM XEEN6
1B4A2 眾 SHUISHU LOGOGRAM JA1
1B4A3 睭 SHUISHU LOGOGRAM PAAD7 BYEN2
1B4A4 眫 SHUISHU LOGOGRAM DO1
1B4A5 罴 SHUISHU LOGOGRAM GUM1
1B4A6 罻 SHUISHU LOGOGRAM BYEEG7 LYEEG7
1B4A7 罾 SHUISHU LOGOGRAM XED7-A
1B4A8 罷 SHUISHU LOGOGRAM SAI3
1B4A9 罿 SHUISHU LOGOGRAM HAN5 VI1

## Radical-42

1B4AA 口 SHUISHU LOGOGRAM HAI2
→ 1B52D 口 shuishu radical-42
1B4AB 器 SHUISHU LOGOGRAM BYAI2
1B4AC 嚚 SHUISHU LOGOGRAM BYAI2 LAO4

## Radical-43

1B4AD 癶 SHUISHU LOGOGRAM DAI6 XONG1
→ 1B52E ◌ shuishu radical-43
1B4AE 韭 SHUISHU LOGOGRAM DU3 ZEN3
1B4AF 辛 SHUISHU LOGOGRAM BU2
1B4B0 嫯 SHUISHU LOGOGRAM GGO1 JEN1
1B4B1 車 SHUISHU LOGOGRAM KUN1
1B4B2 器 SHUISHU LOGOGRAM DUI2 NDONG5
1B4B3 ☼ SHUISHU LOGOGRAM PA5-B
1B4B4 器 SHUISHU LOGOGRAM LUI5
1B4B5 器 SHUISHU LOGOGRAM JU3 PEN1
1B4B6 器 SHUISHU LOGOGRAM JU3 GGAO3

## Anthropomorphic figures

1B4B7 求 SHUISHU LOGOGRAM MAANG1
• demon, ghost
1B4B8 求 SHUISHU LOGOGRAM JUI3 JUM1 YAANG2
• Ghost (constellation)
1B4B9 求 SHUISHU LOGOGRAM REN1-B
• human being, person
1B4BA 寨 SHUISHU LOGOGRAM DAN3 NDONG5
• to wear a necklet
1B4BB 袋 SHUISHU LOGOGRAM GGUI5
• to beat, to lash
1B4BC 秉 SHUISHU LOGOGRAM NYU4 TU3 FOG8
• Woman (constellation)
1B4BD 鵬 SHUISHU LOGOGRAM REN1 DEI2 XAANG1
• man holding a spear
1B4BE 鸞 SHUISHU LOGOGRAM REN1 DYAM2 BYA2
• man holding a bowl
1B4BF 鸞 SHUISHU LOGOGRAM HEE4 FAAB7
• a way of doing things
1B4C0 鸞 SHUISHU LOGOGRAM REN1 DEI2 JI2
• man holding a banner
1B4C1 鷭 SHUISHU LOGOGRAM DEI1 ZOU6 REN1
• two people meeting a violent death
1B4C2 鷭 SHUISHU LOGOGRAM XGA2 FAI4 NU4
• two brothers

## Mammals

1B4C3 求 SHUISHU LOGOGRAM LOI2 NUM1 GGOU3
• Dog (constellation)
1B4C4 求 SHUISHU LOGOGRAM JI1 NGA6 MA4
• hungry like a horse

1B4C5 求 SHUISHU LOGOGRAM SYAANG1 NNED8 MA4
• Horse (constellation)
1B4C6 求 SHUISHU LOGOGRAM FA2
• Ghost (constellation)
1B4C7 求 SHUISHU LOGOGRAM GUI2
• Ox Chou (constellation)
1B4C8 求 SHUISHU LOGOGRAM JI1 NGA6 HMU5
• hungry like a pig
1B4C9 求 SHUISHU LOGOGRAM SAM5 SUI3 YON2
• Otter (constellation)
1B4CA 求 SHUISHU LOGOGRAM MA4
• horse
1B4CB 求 SHUISHU LOGOGRAM SU1 NNED8 SU1
• Rat (constellation)
1B4CC 求 SHUISHU LOGOGRAM FONG2 NNED8 TU5
• Rabbit (constellation)
1B4CD 求 SHUISHU LOGOGRAM BYED7 FA2 ZU1
• Pig (constellation)
1B4CE 求 SHUISHU LOGOGRAM DEE1 TU3 LAAG8
• Bamboo Rat or Raccoon (constellation)
1B4CF 求 SHUISHU LOGOGRAM NI4 FA3 HU3
• Tiger (constellation)
1B4D0 求 SHUISHU LOGOGRAM MON6
• monkey
1B4D1 求 SHUISHU LOGOGRAM HOI3 FA2 XGGOU1
• Monkey (constellation)
1B4D2 求 SHUISHU LOGOGRAM NNU2 JUM1 NNU2
• Ox (constellation)
1B4D3 求 SHUISHU LOGOGRAM SEENG1 LAO4
• draught animal

## Birds

1B4D4 求 SHUISHU LOGOGRAM JI1 NGA6 GGAI5
• hungry like a chicken
1B4D5 求 SHUISHU LOGOGRAM EEB7
• duck
1B4D6 求 SHUISHU LOGOGRAM NGAAN6
• goose
1B4D7 求 SHUISHU LOGOGRAM NYU4 NNOD8 IN5
• Swallow (constellation)
1B4D8 求 SHUISHU LOGOGRAM NGA2 NNID8 JI1
• Rooster (constellation)
1B4D9 求 SHUISHU LOGOGRAM BYED7 NNOD8 U1
• Hawk or Crow (constellation)
1B4DA 求 SHUISHU LOGOGRAM NGA2 TU3 DI6
• Pheasant (constellation)
1B4DB 求 SHUISHU LOGOGRAM XEEU3 MOG8 NGAAN6
• Goose (constellation)

## Reptiles

1B4DC 求 SHUISHU LOGOGRAM YED8 FA23 SYA2
• Serpent (constellation)
1B4DD 求 SHUISHU LOGOGRAM GGAM5 JUM1 LYONG2
• Dragon (constellation)
1B4DE 求 SHUISHU LOGOGRAM GGAM5 MOK8 GGAO1
• Thunder Dragon (constellation)

## Fish

1B4DF 求 SHUISHU LOGOGRAM BYED7 SUI3 XI1
• Fish (constellation)
1B4E0 求 SHUISHU LOGOGRAM MOM6
• fish
1B4E1 求 SHUISHU LOGOGRAM VYEN5 MOM6
• offer a fish

## Invertebrates

1B4E2 求 SHUISHU LOGOGRAM LU4 TU3 ZAANG1
• Wasp (constellation)

1B4E3 ⟨glyph⟩ SHUISHU LOGOGRAM DU4 MOG8 HAI5
   • Crab (constellation)
1B4E4 ⟨glyph⟩ SHUISHU LOGOGRAM LU1
   • hornet or wasp

## Plant

1B4E5 ⟨glyph⟩ SHUISHU LOGOGRAM ZING5
   • branch or twig

|   | 1B50 | 1B51 | 1B52 |
|---|---|---|---|
| 0 | 一 1B500 | ○ 1B510 | 工 1B520 |
| 1 | │ 1B501 | ♋ 1B511 | 千 1B521 |
| 2 | ╱ 1B502 | 二 1B512 | 干 1B522 |
| 3 | ∠ 1B503 | 丁 1B513 | 艹 1B523 |
| 4 | 丶 1B504 | 十 1B514 | ⅲ 1B524 |
| 5 | ⅂ 1B505 | 冂 1B515 | 山 1B525 |
| 6 | フ 1B506 | 八 1B516 | 口 1B526 |
| 7 | 乙 1B507 | 儿 1B517 | ♪ 1B527 |
| 8 | ⅀ 1B508 | 八 1B518 | 手 1B528 |
| 9 | ▽ 1B509 | 人 1B519 | ⅲⅰ 1B529 |
| A | ⅹ 1B50A | × 1B51A | 日 1B52A |
| B | 亅 1B50B | ﹀ 1B51B | 山 1B52B |
| C | ∪ 1B50C | ⌣ 1B51C | 田 1B52C |
| D | ∩ 1B50D | )( 1B51D | ⊟ 1B52D |
| E | ▽ 1B50E | ⊶ 1B51E | ⬚ 1B52E |
| F | ○ 1B50F | Γ 1B51F | ▨ |

## One-stroke radicals

## Two-stroke radicals

1B512 二 SHUISHU RADICAL-18
1B513 丁 SHUISHU RADICAL-19
1B514 十 SHUISHU RADICAL-20
1B515 冂 SHUISHU RADICAL-21
1B516 八 SHUISHU RADICAL-22
1B517 儿 SHUISHU RADICAL-23
1B518 八 SHUISHU RADICAL-24
1B519 人 SHUISHU RADICAL-24-A
1B51A × SHUISHU RADICAL-25
1B51B ﹀ SHUISHU RADICAL-26
1B51C ⌣ SHUISHU RADICAL-26-A
1B51D )( SHUISHU RADICAL-27
1B51E ⊶ SHUISHU RADICAL-28
1B51F Γ SHUISHU RADICAL-29

## Three-stroke radicals

## Four-stroke radicals

1B528 手 SHUISHU RADICAL-47
1B529 ⅲⅰ SHUISHU RADICAL-48
1B52A 日 SHUISHU RADICAL-49
1B52B 山 SHUISHU RADICAL-44

## Five-stroke radical

## Seven-stroke radical

1B52D ⊟ SHUISHU RADICAL-46

## Variable-stroke radical

| | 1B50 | 1B51 | 1B52 | 1B53 | 1B54 |
|---|---|---|---|---|---|
| 0 | 一<br>1B500 | ∩<br>1B510 | 人<br>1B520 | ⁀<br>1B530 | ·····<br>1B540 |
| 1 | ∣<br>1B501 | ⊃<br>1B511 | ✕<br>1B521 | 王<br>1B531 | ⊟<br>1B541 |
| 2 | ╱<br>1B502 | ∩<br>1B512 | ˇ<br>1B522 | 丰<br>1B532 | ◌<br>1B542 |
| 3 | ∠<br>1B503 | ▽<br>1B513 | ⌄<br>1B523 | ‖‖<br>1B533 | |
| 4 | ↯<br>1B504 | ○<br>1B514 | )(<br>1B524 | 日<br>1B534 | |
| 5 | ˋ<br>1B505 | ○<br>1B515 | ⊶<br>1B525 | ⊞<br>1B535 | |
| 6 | ⅂<br>1B506 | ∂<br>1B516 | ⁈<br>1B526 | ⊞<br>1B536 | |
| 7 | ⅂<br>1B507 | ⹀<br>1B517 | ℓ<br>1B527 | ⊎<br>1B537 | |
| 8 | ⌇<br>1B508 | T<br>1B518 | ☰<br>1B528 | ∃<br>1B538 | |
| 9 | ⅜<br>1B509 | +<br>1B519 | 工<br>1B529 | ⊧<br>1B539 | |
| A | ▽<br>1B50A | ⊓<br>1B51A | 千<br>1B52A | 王<br>1B53A | |
| B | ◁<br>1B50B | ⊓<br>1B51B | 丰<br>1B52B | 丰<br>1B53B | |
| C | ✗<br>1B50C | ⋀<br>1B51C | 廾<br>1B52C | ⊞<br>1B53C | |
| D | ⌡<br>1B50D | ⊔<br>1B51D | ⸰⸰<br>1B52D | 日<br>1B53D | |
| E | ⌡<br>1B50E | ⇈<br>1B51E | ‖‖‖<br>1B52E | ⊔⊔⊔<br>1B53E | |
| F | ∪<br>1B50F | ∧<br>1B51F | □<br>1B52F | ∃<br>1B53F | |

## One-stroke radicals

| | | |
|---|---|---|
| 1B500 | 一 | SHUISHU RADICAL-01 |
| 1B501 | 丨 | SHUISHU RADICAL-02 |
| 1B502 | 丿 | SHUISHU RADICAL-03 |
| 1B503 | ∠ | SHUISHU RADICAL-04 |
| 1B504 | ⁊ | SHUISHU RADICAL-05 |
| 1B505 | 丶 | SHUISHU RADICAL-06 |
| 1B506 | ⅂ | SHUISHU RADICAL-07 |
| 1B507 | ⁊ | SHUISHU RADICAL-08 |
| 1B508 | 乙 | SHUISHU RADICAL-09 |
| 1B509 | ⅈ | SHUISHU RADICAL-10 |
| 1B50A | ▽ | SHUISHU RADICAL-11 |
| 1B50B | ◁ | SHUISHU RADICAL-12 |
| 1B50C | ⋈ | SHUISHU RADICAL-13 |
| 1B50D | ⌡ | SHUISHU RADICAL-14 |
| 1B50E | ⌊ | SHUISHU RADICAL-15 |
| 1B50F | ∪ | SHUISHU RADICAL-16 |
| 1B510 | ∩ | SHUISHU RADICAL-17 |
| 1B511 | ⊃ | SHUISHU RADICAL-18 |
| 1B512 | ∩ | SHUISHU RADICAL-19 |
| 1B513 | ▽ | SHUISHU RADICAL-20 |
| 1B514 | ○ | SHUISHU RADICAL-21 |
| 1B515 | ° | SHUISHU RADICAL-22 |
| 1B516 | ∂ | SHUISHU RADICAL-23 |

## Two-stroke radicals

| | | |
|---|---|---|
| 1B517 | ⁼ | SHUISHU RADICAL-24 |
| 1B518 | ⊤ | SHUISHU RADICAL-25 |
| 1B519 | 十 | SHUISHU RADICAL-26 |
| 1B51A | ⊓ | SHUISHU RADICAL-27 |
| 1B51B | ⌒ | SHUISHU RADICAL-28 |
| 1B51C | 八 | SHUISHU RADICAL-29 |
| 1B51D | ⊔ | SHUISHU RADICAL-30 |
| 1B51E | ⼨ | SHUISHU RADICAL-31 |
| 1B51F | ⼋ | SHUISHU RADICAL-32 |
| 1B520 | 人 | SHUISHU RADICAL-33 |
| 1B521 | ✕ | SHUISHU RADICAL-34 |
| 1B522 | ⌄ | SHUISHU RADICAL-35 |
| 1B523 | ⌣ | SHUISHU RADICAL-36 |
| 1B524 | )( | SHUISHU RADICAL-37 |
| 1B525 | ⊶ | SHUISHU RADICAL-38 |
| 1B526 | ⸏ | SHUISHU RADICAL-39 |
| 1B527 | ℓ | SHUISHU RADICAL-40 |

## Three-stroke radicals

| | | |
|---|---|---|
| 1B528 | 三 | SHUISHU RADICAL-41 |
| 1B529 | 工 | SHUISHU RADICAL-42 |
| 1B52A | 千 | SHUISHU RADICAL-43 |
| 1B52B | ⨏ | SHUISHU RADICAL-44 |
| 1B52C | 卄 | SHUISHU RADICAL-45 |
| 1B52D | ⸯ | SHUISHU RADICAL-46 |
| 1B52E | ''' | SHUISHU RADICAL-47 |
| 1B52F | 口 | SHUISHU RADICAL-48 |
| 1B530 | ⼛ | SHUISHU RADICAL-49 |

## Four-stroke radicals

| | | |
|---|---|---|
| 1B531 | 王 | SHUISHU RADICAL-50 |
| 1B532 | 手 | SHUISHU RADICAL-51 |
| 1B533 | '''' | SHUISHU RADICAL-52 |
| 1B534 | 日 | SHUISHU RADICAL-53 |
| 1B535 | ⊟ | SHUISHU RADICAL-54 |
| 1B536 | ⾨ | SHUISHU RADICAL-55 |
| 1B537 | ⾪ | SHUISHU RADICAL-56 |
| 1B538 | ∃ | SHUISHU RADICAL-57 |
| 1B539 | ⼧ | SHUISHU RADICAL-58 |

## Five-stroke radicals

| | | |
|---|---|---|
| 1B53A | 玊 | SHUISHU RADICAL-59 |
| 1B53B | 手 | SHUISHU RADICAL-60 |

| | | |
|---|---|---|
| 1B53C | ⾽ | SHUISHU RADICAL-61 |
| 1B53D | 目 | SHUISHU RADICAL-62 |
| 1B53E | ⾪ | SHUISHU RADICAL-63 |
| 1B53F | ∃ | SHUISHU RADICAL-64 |
| 1B540 | ⁗ | SHUISHU RADICAL-65 |

## Seven-stroke radical

| | | |
|---|---|---|
| 1B541 | ⋈ | SHUISHU RADICAL-66 |

## Variable-stroke radical

| | | |
|---|---|---|
| 1B542 | ◌ | SHUISHU RADICAL-67 |

| | 1B50 | 1B51 | 1B52 | 1B53 | 1B54 | 1B55 |
|---|---|---|---|---|---|---|
| 0 | 一 1B500 | Γ 1B510 | ⊔ 1B520 | 1B530 | ∩ 1B540 | 1B550 |
| 1 | T 1B501 | Σ 1B511 | ∏ 1B521 | × 1B531 | ∩ 1B541 | 1B551 |
| 2 | = 1B502 | Γ 1B512 | ∨ 1B522 | 1B532 | ▽ 1B542 | 1B552 |
| 3 | 丰 1B503 | ╎ 1B513 | ▽ 1B523 | 1B533 | 1B543 | 1B553 |
| 4 | 丰 1B504 | ⌡ 1B514 | △ 1B524 | ○ 1B534 | 1B544 | 1B554 |
| 5 | 工 1B505 | ↓ 1B515 | ◁ 1B525 | ○ 1B535 | 1B545 | 1B555 |
| 6 | 王 1B506 | 1B516 | □ 1B526 | 1B536 | 1B546 | |
| 7 | 丰 1B507 | ／ 1B517 | 日 1B527 | 1B537 | 1B547 | |
| 8 | 丰 1B508 | 1B518 | 田 1B528 | 1B538 | 1B548 | |
| 9 | 十 1B509 | 1B519 | 田 1B529 | 1B539 | 、 1B549 | |
| A | 七 1B50A | ∠ 1B51A | 目 1B52A | 1B53A | 1B54A | |
| B | 廾 1B50B | 八 1B51B | 目 1B52B | 1B53B | 1B54B | |
| C | ┐ 1B50C | )( 1B51C | 山 1B52C | ∪ 1B53C | 1B54C | |
| D | フ 1B50D | 人 1B51D | 彐 1B52D | ∩ 1B53D | Ⅲ 1B54D | |
| E | 乙 1B50E | ∏ 1B51E | 巨 1B52E | 1B53E | ⅠⅠⅠⅠ 1B54E | |
| F | 1B50F | ∩ 1B51F | 1B52F | 1B53F | ⋯⋯ 1B54F | |

| | | |
|---|---|---|
| 1B500 | 一 | SHUISHU RADICAL-1 |
| 1B501 | 丁 | SHUISHU RADICAL-2 |
| 1B502 | 二 | SHUISHU RADICAL-3 FORM-1 |
| 1B503 | 千 | SHUISHU RADICAL-3 FORM-2 |
| 1B504 | 乇 | SHUISHU RADICAL-3 FORM-3 |
| 1B505 | 工 | SHUISHU RADICAL-4 |
| 1B506 | 王 | SHUISHU RADICAL-5 FORM-1 |
| 1B507 | 手 | SHUISHU RADICAL-5 FORM-2 |
| 1B508 | 乏 | SHUISHU RADICAL-5 FORM-3 |
| 1B509 | 十 | SHUISHU RADICAL-6 FORM-1 |
| 1B50A | 七 | SHUISHU RADICAL-6 FORM-2 |
| 1B50B | 廾 | SHUISHU RADICAL-6 FORM-3 |
| 1B50C | 丁 | SHUISHU RADICAL-7 FORM-1 |
| 1B50D | 乛 | SHUISHU RADICAL-7 FORM-2 |
| 1B50E | 乙 | SHUISHU RADICAL-7 FORM-3 |
| 1B50F | 仆 | SHUISHU RADICAL-8 |
| 1B510 | 厂 | SHUISHU RADICAL-9 FORM-1 |
| 1B511 | Σ | SHUISHU RADICAL-9 FORM-2 |
| 1B512 | 厂 | SHUISHU RADICAL-9 FORM-3 |
| 1B513 | 丨 | SHUISHU RADICAL-10 |
| 1B514 | 亅 | SHUISHU RADICAL-11 FORM-1 |
| 1B515 | 乚 | SHUISHU RADICAL-11 FORM-2 |
| 1B516 | 㠯 | SHUISHU RADICAL-12 |
| 1B517 | 丿 | SHUISHU RADICAL-13 FORM-1 |
| 1B518 | 彡 | SHUISHU RADICAL-13 FORM-2 |
| 1B519 | 乞 | SHUISHU RADICAL-13 FORM-3 |
| 1B51A | ∠ | SHUISHU RADICAL-13 FORM-4 |
| 1B51B | 八 | SHUISHU RADICAL-14 FORM-1 |
| 1B51C | 乂 | SHUISHU RADICAL-14 FORM-2 |
| 1B51D | 人 | SHUISHU RADICAL-14 FORM-3 |
| 1B51E | 冂 | SHUISHU RADICAL-15 FORM-1 |
| 1B51F | 冂 | SHUISHU RADICAL-15 FORM-2 |
| 1B520 | 凵 | SHUISHU RADICAL-15 FORM-3 |
| 1B521 | 八 | SHUISHU RADICAL-16 FORM-1 |
| 1B522 | ∨ | SHUISHU RADICAL-16 FORM-2 |
| 1B523 | ▽ | SHUISHU RADICAL-17 FORM-1 |
| 1B524 | △ | SHUISHU RADICAL-17 FORM-2 |
| 1B525 | ◁ | SHUISHU RADICAL-17 FORM-2 |
| 1B526 | □ | SHUISHU RADICAL-18 |
| 1B527 | 日 | SHUISHU RADICAL-19 FORM-1 |
| 1B528 | 田 | SHUISHU RADICAL-19 FORM-2 |
| 1B529 | 田 | SHUISHU RADICAL-19 FORM-3 |
| 1B52A | 目 | SHUISHU RADICAL-19 FORM-4 |
| 1B52B | Ⅲ | SHUISHU RADICAL-20 FORM-1 |
| 1B52C | Ш | SHUISHU RADICAL-20 FORM-2 |
| 1B52D | ヨ | SHUISHU RADICAL-20 FORM-3 |
| 1B52E | 巨 | SHUISHU RADICAL-20 FORM-4 |
| 1B52F | 叉 | SHUISHU RADICAL-21 FORM-1 |
| 1B530 | 쓰 | SHUISHU RADICAL-21 FORM-2 |
| 1B531 | × | SHUISHU RADICAL-22 FORM-1 |
| 1B532 | 叉 | SHUISHU RADICAL-22 FORM-2 |
| 1B533 | 又 | SHUISHU RADICAL-22 FORM-3 |
| 1B534 | O | SHUISHU RADICAL-23 FORM-1 |
| 1B535 | ∘ | SHUISHU RADICAL-23 FORM-2 |
| 1B536 | ⊶ | SHUISHU RADICAL-24 FORM-1 |
| 1B537 | ⊸ | SHUISHU RADICAL-24 FORM-2 |
| 1B538 | 우 | SHUISHU RADICAL-24 FORM-3 |
| 1B539 | 우 | SHUISHU RADICAL-24 FORM-4 |
| 1B53A | ɸ | SHUISHU RADICAL-25 FORM-1 |
| 1B53B | ⊕ | SHUISHU RADICAL-25 FORM-2 |
| 1B53C | ∪ | SHUISHU RADICAL-26 FORM-1 |
| 1B53D | ∩ | SHUISHU RADICAL-26 FORM-2 |
| 1B53E | ⊃ | SHUISHU RADICAL-26 FORM-3 |
| 1B53F | ∿ | SHUISHU RADICAL-27 FORM-1 |
| 1B540 | ⌒ | SHUISHU RADICAL-27 FORM-2 |
| 1B541 | ⌒ | SHUISHU RADICAL-27 FORM-3 |
| 1B542 | ▽ | SHUISHU RADICAL-27 FORM-4 |
| 1B543 | 句 | SHUISHU RADICAL-28 FORM-1 |
| 1B544 | ⑥ | SHUISHU RADICAL-28 FORM-2 |
| 1B545 | ⑨ | SHUISHU RADICAL-28 FORM-3 |
| 1B546 | ᠔ | SHUISHU RADICAL-29 FORM-1 |
| 1B547 | ᠔ | SHUISHU RADICAL-29 FORM-2 |
| 1B548 | ᠕ | SHUISHU RADICAL-29 FORM-3 |
| 1B549 | 丶 | SHUISHU RADICAL-30 FORM-1 |
| 1B54A | ⌄ | SHUISHU RADICAL-30 FORM-2 |
| 1B54B | ⌄ | SHUISHU RADICAL-30 FORM-3 |
| 1B54C | ⌄ | SHUISHU RADICAL-31 FORM-1 |
| 1B54D | ''' | SHUISHU RADICAL-31 FORM-2 |
| 1B54E | '''' | SHUISHU RADICAL-31 FORM-3 |
| 1B54F | ⁗ | SHUISHU RADICAL-31 FORM-4 |
| 1B550 | ○ | SHUISHU RADICAL-32 FORM-1 |
| 1B551 | ◌ | SHUISHU RADICAL-32 FORM-2 |
| 1B552 | 彡 | SHUISHU RADICAL-33 FORM-1 |
| 1B553 | 艹 | SHUISHU RADICAL-33 FORM-2 |
| 1B554 | 茻 | SHUISHU RADICAL-34 FORM-1 |
| 1B555 | 茻 | SHUISHU RADICAL-34 FORM-2 |