

**To:** Unicode Technical Committee  
**From:** Carlos Pallán Gayol  
**Subject:** Updated List of Characters for Mayan Codices  
**Date:** 9 October 2023 (corrections to version from 26 September 2020)

Attached is the corrected list to document [L2/20-248](#) containing an updated list of characters found in the Mayan Codices; it updates what was contained in [L2/19-171](#) "Final List of Characters and Quadrats for Mayan Codices," and reflects progress from 2019 to the present. Specifically, the new corrections<sup>1</sup> entail five signs: S27c (relabelled S27b), U29a, V2a, F24 and F25a.

This list is part of the ongoing work of creating and implementing the first font for Mayan hieroglyphs (by Pallán in collaboration with Andrew Glass, Microsoft). The list assigns preliminary code points for the characters, which will be used in a future proposal to the Unicode Consortium. The work is also integral to the development of a state-of-the-art virtual keyboard for Mayan, which will allow real-time text input of signs (e.g. glyphs) non-linearly, into realistic configurations (e.g. "quadrats"), including vertical and horizontal joins and various types of ligatures (e.g. infixation, conflation, superimposition).

### List of Characters

The list of characters includes distinct signs and their variants, compiled by Pallán from the extant Mayan codices from Yucatan, preserved at libraries in Dresden, Madrid and Paris. The headings are as follows (from left to right):

**NcodeX<sup>2</sup>\_CODE:** catalog codes assigned by semantic and visual categories with the sequencing defined largely by rate of occurrence for each class. The categories were based on a new taxonomy developed by Pallán that incorporates principles from Gardiner's list for Egyptian hieroglyphs. The system uses one uppercase letter for semantic/visual class (e.g. L for mammals), followed by a number and, in cases of variants, a lowercase letter (e.g. L24a, L24b, etc.)

**Picture:** vectorial SVG renderings by Pallán (based on codical instances with certain variants modified after Knoróžov 1955,<sup>3</sup>1963<sup>4</sup>) for each sign found in the cross-referenced glyph-catalogs. NOTE: Since each character has been cross-referenced with several other glyph catalogs, visualizations of renderings for those catalogs can be interactively changed as part of the NcodeX Project Database "Concordance" tool.

<sup>1</sup>My gratitude goes to Deborah Anderson (SEI, Script Ad Hoc Committee) and Dmitrij Okolnikov for bringing to my attention the need to make the above-mentioned corrections.

<sup>2</sup> **NcodeX** is a sub-project created under the umbrella of Script Encoding Initiative with the main task of encoding Mayan hieroglyphs in a progressive fashion, with the Postclassic set of characters from the Mayan codices as a first step. Work is underway to incorporate a much larger set of characters from the Monumental inscriptions of the Classic period. Work has benefitted from funding from a Unicode Adopt-a-Character Grant, a Google Research Grant (PI: Deborah Anderson), a NEH grant to the Universal Scripts Project at UC Berkeley (PR-253360-17, part of SEI, PI: Deborah Anderson), and an NEH grant to the Unicode Consortium (PI: Dr. Gabrielle Vail). Two digital domains have been created to capture and showcase work being made by the project.

<sup>3</sup> *Sistema Pis'ma Drevnih Mayya. Moscow: Institut Etnografii, Akademiya Nauk SSSR. 1955.*

<sup>4</sup> *Pis'mennost' Indeytsev Mayya. Moscow-Leningrad: Institut Etnografii, Akademiya Nauk SSSR. 1963.*

**Numeric:** unique legacy numeric ID for each character; glyph variants are indicated by lowercase letters (e.g. 11259a, 11259b, etc.)

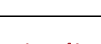
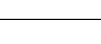
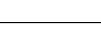
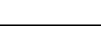
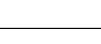
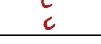
**codepoints:** preliminary code points in standard hexadecimal notation (e.g. U+1522E, U+1522F, etc.)

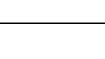
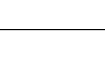
**Phonetic1 and Phonetic2** (2 columns): the two more widely used reading values for signs. LOGOGRAPHS (signs with meaning) appear in uppercase and syllables (phonetic values) are shown in lowercase

**Translation1 and Translation2** (2 columns): the meaning of each logograph, matching the logograph in the corresponding field

**Iconic\_Value:** field that allows classification of the signs based on their pictorial representations and visual features, rather than their phonetic values. This set of conventions was developed in scholarly literature to designate the signs, based on English glosses of the inferred 'real-word' or cosmological notions and referents related to the pictorial forms. While classification is difficult for the more abstract signs and scholarly consensus has yet to be reached for several forms, the values have proven especially useful in the analysis and classification of problematic/undeciphered signs, hence it was deemed relevant to include this column as well. (Note: "UNK" = Unknown)

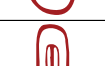
|    | A           | B       | C       | D          | E         | F         | H            | I            | J                             |
|----|-------------|---------|---------|------------|-----------|-----------|--------------|--------------|-------------------------------|
| 1  | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value                  |
| 2  | A0          |         | 1000a   | U+15000    | (ERODED)  |           |              |              |                               |
| 3  | A0b         |         | 1000b   | U+15001    | (ERODED)  |           |              |              |                               |
| 4  | A1a         |         | 55a     | U+15002    | u         |           |              |              |                               |
| 5  | A1b         |         | 55b     | U+15003    | u         |           |              |              |                               |
| 6  | A2a         |         | 1130a   | U+15004    | na        |           |              |              | UNK                           |
| 7  | A2b         |         | 1130b   | U+15005    | na        |           |              |              | UNK                           |
| 8  | A2c         |         | 1130c   | U+15006    | na        |           |              |              | UNK                           |
| 9  | A2d         |         | 1130d   | U+15007    | na        |           |              |              | UNK                           |
| 10 | A2e         |         | 1130e   | U+15008    | na        |           |              |              | UNK                           |
| 11 | A3a         |         | 14079a  | U+15009    | NA:H      | na?       | first/great  |              |                               |
| 12 | A3b         |         | 14079b  | U+1500A    | NA:H      | na?       | first/great  |              |                               |
| 13 | A4a         |         | 15030a  | U+1500B    | ja?       |           |              |              | SWAPPED.BRACKET / FLIPPED.T1  |
| 14 | A4b         |         | 15030b  | U+1500C    | ja?       |           |              |              | SWAPPED.BRACKET / FLIPPED.T1  |
| 15 | A5a         |         | 10a     | U+1500D    | ka        |           |              |              |                               |
| 16 | A5b         |         | 10b     | U+1500E    | ka        |           |              |              |                               |
| 17 | A5c         |         | 10c     | U+1500F    | ka        |           |              |              |                               |
| 18 | A6a         |         | 1062a   | U+15010    | YAJ?      |           | woe?         |              |                               |
| 19 | A6b         |         | 1062b   | U+15011    | YAJ?      |           | woe?         |              |                               |
| 20 | A6c         |         | 1062c   | U+15012    | YAJ?      |           | woe?         |              |                               |
| 21 | A7          |         | 80a     | U+15013    | u         |           |              |              |                               |
| 22 | A8a         |         | 190a    | U+15014    | ni        |           |              |              | HAIRY.TAIL? / HAIR?/BUNDLE? / |
| 23 | A8b         |         | 190b    | U+15015    | ni        |           |              |              | HAIRY.TAIL? / HAIR?/BUNDLE? / |
| 24 | A8c         |         | 190c    | U+15016    | ni        |           |              |              | HAIRY.TAIL? / HAIR?/BUNDLE? / |
| 25 | A9a         |         | 1511a   | U+15017    | ya        |           |              |              |                               |

|    | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J            |
|----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|--------------|
| 1  | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value |
| 26 | A9b         |    | 1511b   | U+15018    | ya        |           |              |              |              |
| 27 | A9c         |    | 1511c   | U+15019    | ya        |           |              |              |              |
| 28 | A9d         |    | 1511d   | U+1501A    | ya        |           |              |              |              |
| 29 | A9e         |    | 1511e   | U+1501B    | ya        |           |              |              |              |
| 30 | A9f         |    | 1511f   | U+1501C    | ya        |           |              |              |              |
| 31 | A9g         |    | 1511g   | U+1501D    | ya        |           |              |              |              |
| 32 | A10a        |    | 218a    | U+1501E    | la        |           |              |              |              |
| 33 | A10b        |   | 218b    | U+1501F    | la        |           |              |              |              |
| 34 | A10c        |  | 218c    | U+15020    | la        |           |              |              |              |
| 35 | A10d        |  | 218d    | U+15021    | la        |           |              |              |              |
| 36 | A11a        |  | 1570a   | U+15022    | ma        |           |              |              |              |
| 37 | A11b        |  | 1570b   | U+15023    | ma        |           |              |              |              |
| 38 | A12         |  | 14a     | U+15024    | ma        |           |              |              |              |
| 39 | A13a        |  | 15a     | U+15025    | he?       | xe?       |              |              |              |
| 40 | A13b        |  | 15b     | U+15026    | he?       | xe?       |              |              |              |
| 41 | B1a         |  | 40a     | U+15027    | to        |           |              |              |              |
| 42 | B1b         |  | 40b     | U+15028    | to        |           |              |              |              |
| 43 | B2a         |  | 1678a   | U+15029    | ji        |           |              |              | HOOKS        |
| 44 | B2b         |  | 1678b   | U+1502A    | ji        |           |              |              | HOOKS        |
| 45 | B3          |  | 323a    | U+1502B    | ji?       |           |              |              | SCROLLS?     |
| 46 | B4a         |  | 214a    | U+1502C    | no        |           |              |              |              |
| 47 | B4b         |  | 214b    | U+1502D    | no        |           |              |              |              |
| 48 | B5          |  | 14075a  | U+1502E    | no?       | ji?       |              |              |              |
| 49 | B6a         |  | 14086a  | U+1502F    | ji        | HA:L?     |              | rain?        | HOOKS        |

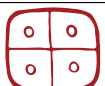
|    | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J             |
|----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|---------------|
| 1  | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value  |
| 50 | B6b         |    | 14086b  | U+15030    | ji        | HA:L?     |              | rain?        | HOOKS         |
| 51 | B7a         |    | 51a     | U+15031    | HA:L?     |           | rain         |              |               |
| 52 | B7b         |    | 51b     | U+15032    | HA:L?     |           | rain         |              |               |
| 53 | B7c         |    | 51c     | U+15033    | HA:L?     |           | rain         |              |               |
| 54 | B8          |    | 12533a  | U+15034    | ma?       | b'a       |              |              |               |
| 55 | B9          |    | 15048a  | U+15035    | la?       |           | ma?          |              |               |
| 56 | B10a        |    | 12495a  | U+15036    | HA:L?     |           | rain         |              |               |
| 57 | B10b        |   | 12495b  | U+15037    | HA:L?     |           | rain         |              |               |
| 58 | B11         |  | 12286a  | U+15038    | b'a       |           |              |              |               |
| 59 | B12a        |  | 18a     | U+15039    | tzi?      | ji?       |              |              |               |
| 60 | B12b        |  | 18b     | U+1503A    | tzi?      | ji?       |              |              |               |
| 61 | B13a        |  | 15045a  | U+1503B    | tz'a      |           |              |              |               |
| 62 | B13b        |  | 15045b  | U+1503C    | tz'a      |           |              |              |               |
| 63 | B14         |  | 210a    | U+1503D    | cha       |           |              |              |               |
| 64 | B15a        |  | 211a    | U+1503E    | cha?      | la?       |              |              |               |
| 65 | B15b        |  | 211b    | U+1503F    | cha?      | la?       |              |              |               |
| 66 | B16a        |  | 13a     | U+15040    | je        | AKAN?     |              | grass?/      |               |
| 67 | B16b        |  | 13b     | U+15041    | je        | AKAN?     |              | grass?/      |               |
| 68 | B16c        |  | 13c     | U+15042    | je        | AKAN?     |              | grass?/      |               |
| 69 | B17         |  | 14042a  | U+15043    | je?       |           |              |              |               |
| 70 | B18         |  | 377a    | U+15044    | YAT?      | YA:T?     | to bath?     |              | DOUBLE.SCROLL |
| 71 | B19         |  | 14043a  | U+15045    | ?         |           |              |              | DOUBLE.BEAD?  |
| 72 | B20         |  | 15046a  | U+15046    | ?         |           |              |              | DOUBLE.BEAD?  |
| 73 | B21a        |  | 227a    | U+15047    | nu        |           |              |              |               |

|    | A           | B       | C       | D          | E           | F         | H                       | I            | J                     |
|----|-------------|---------|---------|------------|-------------|-----------|-------------------------|--------------|-----------------------|
| 1  | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1   | Phonetic2 | Translation1            | Translation2 | Iconic_Value          |
| 74 | B21b        |         | 227b    | U+15048    | nu          |           |                         |              |                       |
| 75 | B22         |         | 356a    | U+15049    | ??          |           |                         |              | TWIN.FLORAL.ELEMENTS? |
| 76 | B23         |         | 12499a  | U+1504A    |             |           |                         |              | MAIZE?                |
| 77 | B24a        |         | 188a    | U+1504B    | xa          |           |                         |              |                       |
| 78 | B24b        |         | 188b    | U+1504C    | xa          |           |                         |              |                       |
| 79 | B24c        |         | 188c    | U+1504D    | xa          |           |                         |              |                       |
| 80 | C1a         |         | 10121a  | U+1504E    | ??          | NUM?      |                         | continuous?  | FEATHER?.COMPOUND     |
| 81 | C1b         |         | 10121b  | U+1504F    | ??          | NUM?      |                         | continuous?  | FEATHER?.COMPOUND     |
| 82 | C2a         |         | 101a    | U+15050    | ??          | NUM?      |                         | continuous?  | FEATHER?.COMPOUND     |
| 83 | C2b         |         | 101b    | U+15051    | ??          | NUM?      |                         | continuous?  | FEATHER?.COMPOUND     |
| 84 | C3a         |         | 349a    | U+15052    | ?           | nu?-NUM?  |                         | continuous?  | FEATHER?.COMPOUND     |
| 85 | C3b         |         | 349b    | U+15053    | ?           | nu?-NUM?  |                         | continuous?  | FEATHER?.COMPOUND     |
| 86 | C3c         |         | 349c    | U+15054    | ?           | nu?-NUM?  |                         | continuous?  | FEATHER?.COMPOUND     |
| 87 | C3d         |         | 349d    | U+15055    | ?           | nu?-NUM?  |                         | continuous?  | FEATHER?.COMPOUND     |
| 88 | C4          |         | 177a    | U+15056    | ??          | NUM?      |                         | continuous?  | FEATHER?.COMPOUND     |
| 89 | C5          |         | 12289a  | U+15057    | sa?         | wu?       |                         |              |                       |
| 90 | C6          |         | 15024a  | U+15058    | ?           |           |                         |              |                       |
| 91 | C7a         |         | 152a    | U+15059    | PAT?        |           |                         |              |                       |
| 92 | C7b         |         | 152b    | U+1505A    | PAT?        |           |                         |              |                       |
| 93 | C8          |         | 99a     | U+1505B    | WINIKHA:B#? |           | k'atun cycle            |              | K'ATUN.CYCLE          |
| 94 | C9a         |         | 11290a  | U+1505C    | TZ'AK       |           | count                   | order        |                       |
| 95 | C9b         |         | 11290b  | U+1505D    | TZ'AK       |           | count                   | order        |                       |
| 96 | C10a        |         | 10120a  | U+1505E    | TZ'AK-hi    |           | it was counted/ordered? |              |                       |
| 97 | C10b        |         | 10120b  | U+1505F    | TZ'AK-hi    |           | it was counted/ordered? |              |                       |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                        |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|--------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value             |
| 98  | C11         |    | 14097a  | U+15060    | ha?       | CHAM?     |              |              | DOUBLE.SKULL             |
| 99  | D1a         |    | 496a    | U+15061    | NIK?      | SA:K?     | flower?      | seed?        |                          |
| 100 | D1b         |    | 496b    | U+15062    | NIK?      | SA:K?     | flower?      | seed?        |                          |
| 101 | D1c         |    | 496c    | U+15063    | NIK?      | SA:K?     | flower?      | seed?        |                          |
| 102 | D1d         |    | 496d    | U+15064    | NIK?      | SA:K?     | flower?      | seed?        |                          |
| 103 | D2a         |    | 1096a   | U+15065    | la        |           |              |              |                          |
| 104 | D2b         |    | 1096b   | U+15066    | la        |           |              |              |                          |
| 105 | D3a         |   | 498a    | U+15067    | xo        |           |              |              | FLOWER? /<br>HOOKED.AJAW |
| 106 | D3b         |  | 498b    | U+15068    | xo        |           |              |              | FLOWER? /<br>HOOKED.AJAW |
| 107 | D4          |  | 11300a  | U+15069    |           |           |              |              |                          |
| 108 | D5a         |  | 499a    | U+1506A    | na        | NA:K?     |              | mask         |                          |
| 109 | D5b         |  | 499b    | U+1506B    | na        | NA:K?     |              | mask         |                          |
| 110 | D5c         |  | 499c    | U+1506C    | na        | NA:K?     |              | mask         |                          |
| 111 | D6a         |  | 37a     | U+1506D    | e         |           |              |              | TOAD.GLAND               |
| 112 | D6b         |  | 37b     | U+1506E    | e         |           |              |              | TOAD.GLAND               |
| 113 | D6c         |  | 37c     | U+1506F    | e         |           |              |              | TOAD.GLAND               |
| 114 | D7          |  | 14000a  | U+15070    | ??        |           | ??           |              |                          |
| 115 | D8a         |  | 484a    | U+15071    | WINIK     |           | person       | man          | UNK                      |
| 116 | D8b         |  | 484b    | U+15072    | WINIK     |           | person       | man          | UNK                      |
| 117 | D9a         |  | 12368a  | U+15073    | tze       | se        |              |              |                          |
| 118 | D9b         |  | 12368b  | U+15074    | tze       | se        |              |              |                          |
| 119 | D10a        |  | 486a    | U+15075    | se        | tze?      |              | OutModDeciph |                          |
| 120 | D10b        |  | 486b    | U+15076    | se        | tze?      |              | OutModDeciph |                          |
| 121 | D11         |  | 381a    | U+15077    | PA'?      |           | split        | cleft        |                          |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                  |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|--------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value       |
| 122 | D12         |    | 14055a  | U+15078    | te?       |           |              |              |                    |
| 123 | D13a        |    | 90a     | U+15079    | mu        |           |              |              | BUBBLE?            |
| 124 | D13b        |    | 90b     | U+1507A    | mu        |           |              |              | BUBBLE?            |
| 125 | D13c        |    | 90c     | U+1507B    | mu        |           |              |              | BUBBLE?            |
| 126 | D14a        |    | 14090a  | U+1507C    | to?       | mu?       |              |              | DOTTED.SCROLL      |
| 127 | D14b        |    | 14090b  | U+1507D    | to?       | mu?       |              |              | DOTTED.SCROLL      |
| 128 | D15         |    | 92a     | U+1507E    | b'u       |           |              |              |                    |
| 129 | D16a        |   | 552a    | U+1507F    | WO:L?     |           |              |              | RUBBER.BAND?       |
| 130 | D16b        |  | 552b    | U+15080    | WO:L?     |           |              |              | RUBBER.BAND?       |
| 131 | D17a        |  | 46a     | U+15081    | l:K'      |           | black        |              | DARKENED.BODYPART? |
| 132 | D17b        |  | 46b     | U+15082    | l:K'      |           | black        |              | DARKENED.BODYPART? |
| 133 | D17c        |  | 46c     | U+15083    | l:K'      |           | black        |              | DARKENED.BODYPART? |
| 134 | D18a        |  | 1706a   | U+15084    | lo        | CHI:T     |              | father       |                    |
| 135 | D18b        |  | 1706b   | U+15085    | lo        | CHI:T     |              | father       |                    |
| 136 | D18c        |  | 1706c   | U+15086    | lo        | CHI:T     |              | father       |                    |
| 137 | D18d        |  | 1706d   | U+15087    | lo        | CHI:T     |              | father       |                    |
| 138 | D18e        |  | 1706e   | U+15088    | lo        | CHI:T     |              | father       |                    |
| 139 | D19a        |  | 556a    | U+15089    | mo-lo     |           | harvest?     |              |                    |
| 140 | D19b        |  | 556b    | U+1508A    | mo-lo     |           | harvest?     |              |                    |
| 141 | D20a        |  | 477a    | U+1508B    | u         |           |              |              |                    |
| 142 | D20b        |  | 477b    | U+1508C    | u         |           |              |              |                    |
| 143 | D21a        |  | 1707a   | U+1508D    | ?         | t'e?      |              |              | FLOWER?/DROPLETS?  |
| 144 | D21b        |  | 1707b   | U+1508E    | ?         | t'e?      |              |              | FLOWER?/DROPLETS?  |
| 145 | D22a        |  | 744a    | U+1508F    | ??        |           |              |              |                    |



|     | A           | B                                                                                   | C       | D          | E         | F         | H                | I            | J                                |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|------------------|--------------|----------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1     | Translation2 | Iconic_Value                     |
| 146 | D22b        |    | 744b    | U+15090    | ??        |           |                  |              |                                  |
| 147 | E1a         |    | 260a    | U+15091    | ja        | UH?       |                  | moon         |                                  |
| 148 | E1b         |    | 260b    | U+15092    | ja        | UH?       |                  | moon         |                                  |
| 149 | E2          |    | 14087a  | U+15093    | u?        | ja?       |                  |              | MOON                             |
| 150 | E3a         |    | 685a    | U+15094    | UH?       | WINA:K    | moon             | twenty       |                                  |
| 151 | E3b         |    | 685b    | U+15095    | UH?       | WINA:K    | moon             | twenty       |                                  |
| 152 | E4          |    | 14091a  | U+15096    | UH?/UW?   | WINA:K    | moon             | twenty       |                                  |
| 153 | E5          |   | 15006a  | U+15097    | WAY?      | ja-ja?    | pit?/hole?       |              | MAW?/JAWS?<br>/PAIRED.MOON:CRESC |
| 154 | E6a         |  | 12290a  | U+15098    | NA:M?     |           | to hide          |              | ECLIPSE                          |
| 155 | E6b         |  | 12290b  | U+15099    | NA:M?     |           | to hide          |              | ECLIPSE                          |
| 156 | E6c         |  | 12290c  | U+1509A    | NA:M?     |           | to hide          |              | ECLIPSE                          |
| 157 | E6d         |  | 12290d  | U+1509B    | NA:M?     |           | to hide          |              | ECLIPSE                          |
| 158 | E6e         |  | 12290e  | U+1509C    | NA:M?     |           | to hide          |              | ECLIPSE                          |
| 159 | E6f         |  | 12290f  | U+1509D    | NA:M?     |           | to hide          |              | ECLIPSE                          |
| 160 | E7          |  | 852a    | U+1509E    |           |           |                  |              |                                  |
| 161 | E8a         |  | 457a    | U+1509F    | AK'AB'    |           | night            | darkness     | SERPENT.SEGMENT                  |
| 162 | E8b         |  | 457b    | U+150A0    | AK'AB'    |           | night            | darkness     | SERPENT.SEGMENT                  |
| 163 | E8c         |  | 457c    | U+150A1    | AK'AB'    |           | night            | darkness     | SERPENT.SEGMENT                  |
| 164 | E9a         |  | 23a     | U+150A2    | ju        | HUL?      |                  | to arrive?   | DOTTED.DARKNESS                  |
| 165 | E9b         |  | 23b     | U+150A3    | ju        | HUL?      |                  | to arrive?   | DOTTED.DARKNESS                  |
| 166 | E9c         |  | 23c     | U+150A4    | ju        | HUL?      |                  | to arrive?   | DOTTED.DARKNESS                  |
| 167 | E10a        |  | 15051a  | U+150A5    | LAMAT?    | EK'       | (DAY 8, "LAMAT") | star         | DAY.08 / VENUS                   |
| 168 | E10b        |  | 15051b  | U+150A6    | LAMAT?    | EK'       | (DAY 8, "LAMAT") | star         | DAY.08 / VENUS                   |
| 169 | E11a        |  | 465a    | U+150A7    | EK'       | E:K'      | star             |              | STAR/VENUS                       |

|     | A           | B       | C       | D          | E         | F         | H            | I            | J                            |
|-----|-------------|---------|---------|------------|-----------|-----------|--------------|--------------|------------------------------|
| 1   | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value                 |
| 170 | E11b        |         | 465b    | U+150A8    | EK'       | E:K'      | star         |              | STAR/VENUS                   |
| 171 | E12a        |         | 61a     | U+150A9    | EK'       |           |              |              |                              |
| 172 | E12b        |         | 61b     | U+150AA    | EK'       |           |              |              |                              |
| 173 | E13a        |         | 15020a  | U+150AB    | ?         |           |              |              |                              |
| 174 | E13b        |         | 15020b  | U+150AC    | ?         |           |              |              |                              |
| 175 | E14         |         | 14032a  | U+150AD    | LAM?      | mi?       | to diminish? |              |                              |
| 176 | E15a        |         | 12364a  | U+150AE    | ?         |           |              |              | SURROUNDED.DOTTED<br>.CIRCLE |
| 177 | E15b        |         | 12364b  | U+150AF    | ?         |           |              |              | SURROUNDED.DOTTED<br>.CIRCLE |
| 178 | E16a        |         | 12363a  | U+150B0    |           |           |              |              |                              |
| 179 | E16b        |         | 12363b  | U+150B1    |           |           |              |              |                              |
| 180 | E17a        |         | 524a    | U+150B2    | CHAN      | KA:N      | sky          | heaven       | SKY                          |
| 181 | E17b        |         | 524b    | U+150B3    | CHAN      | KA:N      | sky          | heaven       | SKY                          |
| 182 | E17c        |         | 524c    | U+150B4    | CHAN      | KA:N      | sky          | heaven       | SKY                          |
| 183 | E17d        |         | 524d    | U+150B5    | CHAN      | KA:N      | sky          | heaven       | SKY                          |
| 184 | E17e        |         | 524e    | U+150B6    | CHAN      | KA:N      | sky          | heaven       | SKY                          |
| 185 | E18         |         | 15043a  | U+150B7    | CHAN      | KA:N      | sky          | heaven       | SKY                          |
| 186 | E19         |         | 15044a  | U+150B8    | ?         |           |              |              | TILTED.SKY                   |
| 187 | E20a        |         | 897a    | U+150B9    | pu        | PUH?      |              | reed?        | CATTAIL.REED                 |
| 188 | E20b        |         | 897b    | U+150BA    | pu        | PUH?      |              | reed?        | CATTAIL.REED                 |
| 189 | E21a        |         | 626a    | U+150BB    | MUY       | MUYAL     | cloud        | cloudy       | CLOUD?                       |
| 190 | E21b        |         | 626b    | U+150BC    | MUY       | MUYAL     | cloud        | cloudy       | CLOUD?                       |
| 191 | E22         |         | 1161a   | U+150BD    | ??        |           |              |              | PIKTUN.PERIOD                |
| 192 | E23a        |         | 510a    | U+150BE    | HA:B'     | A:B'?     | year         | time         | DRUM.CROSS.SECTION<br>?      |
| 193 | E23b        |         | 510b    | U+150BF    | HA:B'     | A:B'?     | year         | time         | DRUM.CROSS.SECTION<br>?      |

|     | A           | B       | C       | D          | E           | F         | H            | I            | J                        |
|-----|-------------|---------|---------|------------|-------------|-----------|--------------|--------------|--------------------------|
| 1   | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1   | Phonetic2 | Translation1 | Translation2 | Iconic_Value             |
| 194 | E24         |         | 511a    | U+150C0    | PA:X        | PA:XIL    | drum         | split?       | SPLIT.YEAR / SPLIT.DRUM? |
| 195 | E25a        |         | 679a    | U+150C1    | i           |           |              |              |                          |
| 196 | E25b        |         | 679b    | U+150C2    | i           |           |              |              |                          |
| 197 | E26a        |         | 514a    | U+150C3    | ta          | AT        |              |              | CROSSED.BANDS            |
| 198 | E26b        |         | 514b    | U+150C4    | ta          | AT        |              |              | CROSSED.BANDS            |
| 199 | E27a        |         | 14039a  | U+150C5    | ta          | TA:N?     |              | center?      |                          |
| 200 | E27b        |         | 14039b  | U+150C6    | ta          | TA:N?     |              | center?      |                          |
| 201 | E28         |         | 536a    | U+150C7    | ta          |           |              |              |                          |
| 202 | E29a        |         | 14038a  | U+150C8    | TA:N?       | ta?       |              |              |                          |
| 203 | E29b        |         | 14038b  | U+150C9    | TA:N?       | ta?       |              |              |                          |
| 204 | F1a         |         | 489a    | U+150CA    | KAB'        | CHAB'?    | earth        | supervise    |                          |
| 205 | F1b         |         | 489b    | U+150CB    | KAB'        | CHAB'?    | earth        | supervise    |                          |
| 206 | F2          |         | 15042a  | U+150CC    | [PA'?]-KAB' |           | split?earth  |              | SPLIT.EARTH              |
| 207 | F3          |         | 12285a  | U+150CD    | HINA:J?     | tzi?      | sporut?      |              |                          |
| 208 | F4          |         | 1079a   | U+150CE    | ?           |           |              |              | EARTHLY.THRONE?/SN AKE?  |
| 209 | F5          |         | 15050a  | U+150CF    | KIB'?       |           | wax?         |              | HONEY? / WAX?            |
| 210 | F6a         |         | 12297a  | U+150D0    | ku          | TU:N      |              | stone        | STONE                    |
| 211 | F6b         |         | 12297b  | U+150D1    | ku          | TU:N      |              | stone        | STONE                    |
| 212 | F6c         |         | 12297c  | U+150D2    | ku          | TU:N      |              | stone        | STONE                    |
| 213 | F7          |         | 12298a  | U+150D3    | pi          |           |              |              |                          |
| 214 | F8          |         | 256a    | U+150D4    | pi          |           |              |              |                          |
| 215 | F9          |         | 12477a  | U+150D5    | K'O:B'?     |           | hearth       |              | HEARTH                   |
| 216 | F10         |         | 350a    | U+150D6    | B'AJ?       | BAT?      | to hammer    | axe?/stone?  |                          |
| 217 | F11a        |         | 48a     | U+150D7    | TO:K'       |           | flint        |              | FLINT.KNIFE              |

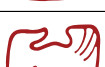
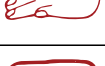
|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J             |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|---------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value  |
| 218 | F11b        |    | 48b     | U+150D8    | TO:K'     |           | flint        |              | FLINT.KNIFE   |
| 219 | F12a        |    | 14008a  | U+150D9    | WAY?      |           | hole?        |              |               |
| 220 | F12b        |    | 14008b  | U+150DA    | WAY?      |           | hole?        |              |               |
| 221 | F12c        |    | 15056c  | U+150DB    |           |           |              |              | CROSSED.BANDS |
| 222 | F13a        |    | 11295a  | U+150DC    | TZ'ONO:T? | WAY       | cenote       | hole         | EARTH.MAW     |
| 223 | F13b        |    | 11295b  | U+150DD    | TZ'ONO:T? | WAY       | cenote       | hole         | EARTH.MAW     |
| 224 | F14a        |    | 12310a  | U+150DE    | CH'E:N?   |           | cave?        |              | CAVE?         |
| 225 | F14b        |   | 12310b  | U+150DF    | CH'E:N?   |           | cave?        |              | CAVE?         |
| 226 | F14c        |  | 12310c  | U+150E0    | CH'E:N?   |           | cave?        |              | CAVE?         |
| 227 | F15a        |  | 736a    | U+150E1    | CH'E:N?   | NAL?      | cave?        | place?       | DOTTED.HOLE?  |
| 228 | F15b        |  | 736b    | U+150E2    | CH'E:N?   | NAL?      | cave?        | place?       | DOTTED.HOLE?  |
| 229 | F15c        |  | 736c    | U+150E3    | CH'E:N?   | NAL?      | cave?        | place?       | DOTTED.HOLE?  |
| 230 | F16         |  | 14065a  | U+150E4    | su?       | TAL?      |              |              |               |
| 231 | F17         |  | 659a    | U+150E5    | SUHUY?    |           | whirlpool?   |              | WHIRLPOOL?    |
| 232 | F18a        |  | 534a    | U+150E6    | su        |           |              |              | UNK           |
| 233 | F18b        |  | 534b    | U+150E7    | su        |           |              |              | UNK           |
| 234 | F19a        |  | 12895a  | U+150E8    | KA:J?     |           | town?        |              | ROUND.ELEMENT |
| 235 | F19b        |  | 12895b  | U+150E9    | KA:J?     |           | town?        |              | ROUND.ELEMENT |
| 236 | F20         |  | 548a    | U+150EA    | TZ'AK     |           | count        | order        |               |
| 237 | F21         |  | 532a    | U+150EB    | tz'i      |           |              |              |               |
| 238 | F22         |  | 1717a   | U+150EC    | K'A:K'    |           |              |              |               |
| 239 | F22b        |  | 50b     | U+150ED    | K'A:K'    | k'a?      | fire         |              | FIRE.SCROLL   |
| 240 | F23         |  | 533a    | U+150EE    | sa?       | to?       |              |              |               |
| 241 | F24         |  | 15013a  | U+150EF    | to        |           |              |              |               |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I               | J                 |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|-----------------|-------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2    | Iconic_Value      |
| 242 | F25a        |    | 1718a   | U+150F0    | ??        |           |              |                 |                   |
| 243 | F25b        |    | 1718b   | U+150F1    | ??        |           |              |                 |                   |
| 244 | F26a        |    | 456a    | U+150F2    | IK'       |           | wind         |                 |                   |
| 245 | F26b        |    | 456b    | U+150F3    | IK'       |           | wind         |                 |                   |
| 246 | F27         |    | 14080a  | U+150F4    | IK'?      | NA:H?     | wind         | first?/great?   | WIND.SIGNwBRACKET |
| 247 | F28a        |    | 560a    | U+150F5    | b'i       | B'IH      |              |                 | QUINCUNX          |
| 248 | F28b        |    | 560b    | U+150F6    | b'i       | B'IH      |              |                 | QUINCUNX          |
| 249 | F29a        |   | 52a     | U+150F7    | K'AN      |           | yellow       | precious        | ROUND.CROSS       |
| 250 | F29b        |  | 52b     | U+150F8    | K'AN      |           | yellow       | precious        | ROUND.CROSS       |
| 251 | F29c        |  | 52c     | U+150F9    | K'AN      |           | yellow       | precious        | ROUND.CROSS       |
| 252 | F30a        |  | 14071a  | U+150FA    | ?         |           |              |                 | SHELL?/EGG?       |
| 253 | F30b        |  | 14071b  | U+150FB    | ?         |           |              |                 | SHELL?/EGG?       |
| 254 | F31a        |  | 14070a  | U+150FC    | ?         |           |              |                 |                   |
| 255 | F31b        |  | 14070b  | U+150FD    | ?         |           |              |                 |                   |
| 256 | F32a        |  | 14001a  | U+150FE    | NA:B'?    |           | lake         | pool            |                   |
| 257 | F32b        |  | 14001b  | U+150FF    | NA:B'?    |           | lake         | pool            |                   |
| 258 | F33a        |  | 14002a  | U+15100    | NA:B'?    |           | lake         | pool            |                   |
| 259 | F33b        |  | 14002b  | U+15101    | NA:B'?    |           | lake         | pool            |                   |
| 260 | G1a         |  | 85a     | U+15102    | a?        | AJ?       |              | he/she of (AGN) |                   |
| 261 | G1b         |  | 85b     | U+15103    | a?        | AJ?       |              | he/she of (AGN) |                   |
| 262 | G1c         |  | 85c     | U+15104    | a?        | AJ?       |              | he/she of (AGN) |                   |
| 263 | G1d         |  | 85d     | U+15105    | a?        | AJ?       |              | he/she of (AGN) |                   |
| 264 | G1e         |  | 85e     | U+15106    | a?        | AJ?       |              | he/she of (AGN) |                   |
| 265 | G2a         |  | 1069a   | U+15107    | a         | AJ        |              | (AGN)           | TURTLE.BEAK?      |

|     | A           | B                                                                                   | C       | D          | E         | F         | H                 | I            | J                          |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|-------------------|--------------|----------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1      | Translation2 | Iconic_Value               |
| 266 | G2b         |    | 1069b   | U+15108    | a         | AJ        |                   | (AGN)        | TURTLE.BEAK?               |
| 267 | G3a         |    | 1059a   | U+15109    | UH?       | u         |                   |              | EYE                        |
| 268 | G3b         |    | 1059b   | U+1510A    | UH?       | u         |                   |              | EYE                        |
| 269 | G3c         |    | 1059c   | U+1510B    | UH?       | u         |                   |              | EYE                        |
| 270 | G4          |    | 24a     | U+1510C    | UH?       | KAB'?     | moon lady?        | earth lady?  | YOUNG.GODDESS.I.w/C<br>URL |
| 271 | G5a         |    | 14068a  | U+1510D    | u         | UH?       |                   |              |                            |
| 272 | G5b         |   | 14068b  | U+1510E    | u         | UH?       |                   |              |                            |
| 273 | G6a         |  | 14094a  | U+1510F    | u(h)-LAJ? | u-10?     | wholly/completely |              | EYE.TEN                    |
| 274 | G6b         |  | 14094b  | U+15110    | u(h)-LAJ? | u-10?     | wholly/completely |              | EYE.TEN                    |
| 275 | G6c         |  | 14094c  | U+15111    | u(h)-LAJ? | u-10?     | wholly/completely |              | EYE.TEN                    |
| 276 | G7a         |  | 82a     | U+15112    | AJ        | a         | he/she of (AGN)   |              | EYES?.on/STRIPE            |
| 277 | G7b         |  | 82b     | U+15113    | AJ        | a         | he/she of (AGN)   |              | EYES?.on/STRIPE            |
| 278 | G8a         |  | 1110a   | U+15114    | u         |           |                   |              |                            |
| 279 | G8b         |  | 1110b   | U+15115    | u         |           |                   |              |                            |
| 280 | G8c         |  | 1110c   | U+15116    | u         |           |                   |              |                            |
| 281 | G8d         |  | 1110d   | U+15117    | u         |           |                   |              |                            |
| 282 | G8e         |  | 1110e   | U+15118    | u         |           |                   |              |                            |
| 283 | G9          |  | 54a     | U+15119    | CH'OK     |           | youth             |              | EYES                       |
| 284 | G10a        |  | 39a     | U+1511A    | K'UH      |           |                   |              |                            |
| 285 | G10b        |  | 39b     | U+1511B    | K'UH      |           |                   |              |                            |
| 286 | G10c        |  | 39c     | U+1511C    | K'UH      |           |                   |              |                            |
| 287 | G10d        |  | 39d     | U+1511D    | K'UH      |           |                   |              |                            |
| 288 | G10e        |  | 39e     | U+1511E    | K'UH      |           |                   |              |                            |
| 289 | G11a        |  | 17a     | U+1511F    | CHAK      |           | red               | great        | BONE?                      |

|     | A           | B                                                                                   | C       | D          | E           | F         | H            | I            | J                           |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-------------|-----------|--------------|--------------|-----------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1   | Phonetic2 | Translation1 | Translation2 | Iconic_Value                |
| 290 | G11a        |    | 1500a   | U+15120    | te          |           |              |              |                             |
| 291 | G11b        |    | 17b     | U+15121    | CHAK        |           | red          | great        | BONE?                       |
| 292 | G12b        |    | 1500b   | U+15122    | te          |           |              |              |                             |
| 293 | G13         |    | 47a     | U+15123    | ko          |           |              |              | BANDED.BONE?                |
| 294 | G14         |    | 352a    | U+15124    | ??          | ch'a?     |              |              |                             |
| 295 | G15         |    | 14023a  | U+15125    | ?           | CHAK?     |              |              | BONE? /INSTRUMENT?          |
| 296 | G16         |    | 11294a  | U+15126    | B'A:K?      |           | bone?        |              | BONE? / SHELL`? / CARAPACE? |
| 297 | G17         |   | 544a    | U+15127    | ?           |           |              |              |                             |
| 298 | G18         |  | 14021a  | U+15128    | B'A:K?      | k'u?      |              |              | BONE? / NEST?               |
| 299 | G19         |  | 612a    | U+15129    | ??          |           |              |              | CROSSED.BONES               |
| 300 | G20a        |  | 306a    | U+1512A    | XIB'?       | A:T?      | man          | man/'penis   |                             |
| 301 | G20b        |  | 306b    | U+1512B    | XIB'?       | A:T?      | man          | man/'penis   |                             |
| 302 | G21         |  | 14064a  | U+1512C    | E:M?        |           | to descend   |              |                             |
| 303 | G22         |  | 11261a  | U+1512D    | LO:T?       |           | twins        | hunchback    |                             |
| 304 | G23         |  | 712a    | U+1512E    | ??          |           |              |              | DANCE.LEGS                  |
| 305 | G24a        |  | 35a     | U+1512F    | CHUM        |           |              |              |                             |
| 306 | G24b        |  | 35b     | U+15130    | CHUM        |           |              |              |                             |
| 307 | G25a        |  | 383a    | U+15131    | b'e         | b'i       |              |              |                             |
| 308 | G25b        |  | 383b    | U+15132    | b'e         | b'i       |              |              |                             |
| 309 | G26a        |  | 28a     | U+15133    | SIY?/SIYAN? | SIH?      | birth?       | to be born   |                             |
| 310 | G26b        |  | 28b     | U+15134    | SIY?/SIYAN? | SIH?      | birth?       | to be born   |                             |
| 311 | G27         |  | 91a     | U+15135    | ??          |           |              |              |                             |
| 312 | G28a        |  | 12282a  | U+15136    | LOB'?       |           | evil?        | harm?        | MOURN.GESTURE               |
| 313 | G28b        |  | 12282b  | U+15137    | LOB'?       |           | evil?        | harm?        | MOURN.GESTURE               |

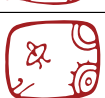


|     | A           | B                                                                                   | C       | D          | E         | F         | H                  | I                 | J                              |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------------|-------------------|--------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1       | Translation2      | Iconic_Value                   |
| 314 | G29         |    | 14054a  | U+15138    | A:T?      | A:CH?     | penis?             | penis?            | PENIS                          |
| 315 | G30a        |    | 14035a  | U+15139    |           |           |                    |                   | TESTICLES?/SCROTUM?            |
| 316 | G30b        |    | 14035b  | U+1513A    |           |           |                    |                   | TESTICLES?/SCROTUM?            |
| 317 | G31         |    | 541a    | U+1513B    | lu        |           |                    |                   | HEART? BODYPART?               |
| 318 | G32         |    | 649a    | U+1513C    | JUL?-lu?  |           |                    |                   |                                |
| 319 | G33         |    | 15007a  | U+1513D    |           |           |                    |                   | HUMAN.HEART                    |
| 320 | H1          |    | 665a    | U+1513E    | cha       |           |                    |                   | CLENCHED.FIST                  |
| 321 | H2          |   | 666a    | U+1513F    | k'a       |           |                    |                   |                                |
| 322 | H3a         |  | 669a    | U+15140    | chi       |           |                    |                   |                                |
| 323 | H3b         |  | 669b    | U+15141    | chi       |           |                    |                   |                                |
| 324 | H4          |  | 10117a  | U+15142    | chi-K'IN  |           | west               |                   |                                |
| 325 | H5a         |  | 12526a  | U+15143    | yi-chi?   | na?       | its surface?/face? |                   | DOUBLE.HAND                    |
| 326 | H5b         |  | 12526b  | U+15144    | yi-chi?   | na?       | its surface?/face? |                   | DOUBLE.HAND                    |
| 327 | H6a         |  | 95a     | U+15145    | K'AL      |           | to tie             | to set            |                                |
| 328 | H6b         |  | 95b     | U+15146    | K'AL      |           | to tie             | to set            |                                |
| 329 | H7a         |  | 14044a  | U+15147    | K'AB'?    |           | hand?              |                   |                                |
| 330 | H7b         |  | 14044b  | U+15148    | K'AB'?    |           | hand?              |                   |                                |
| 331 | H7c         |  | 14044c  | U+15149    | K'AB'?    |           | hand?              |                   |                                |
| 332 | H8a         |  | 14040a  | U+1514A    | TAL?      |           | to touch?          |                   |                                |
| 333 | H8b         |  | 14040b  | U+1514B    | TAL?      |           | to touch?          |                   |                                |
| 334 | H9          |  | 1807a   | U+1514C    | TAL?      | K'AB'?    | to touch?          | hand?             |                                |
| 335 | H10         |  | 12894a  | U+1514D    | TZUTZ     |           | to complete        | to finish (cycle) | HANDwBEAD /<br>COMPLETION.HAND |
| 336 | H11         |  | 157a    | U+1514E    | NAL?      |           |                    |                   | MAIZE.HAND?                    |
| 337 | H12         |  | 14081a  | U+1514F    | NAL?      | TZOL?     | maize?/place?      | to count?/order?  | FISTwBRIGHTNESS.MA<br>RKER     |



|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                          |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|----------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value               |
| 338 | H13a        |    | 12312a  | U+15150    | YAN?      | AN?       |              |              | HAND / LANCET?             |
| 339 | H13b        |    | 12312b  | U+15151    | YAN?      | AN?       |              |              | HAND / LANCET?             |
| 340 | H13c        |    | 12312c  | U+15152    | YAN?      | AN?       |              |              | HAND / LANCET?             |
| 341 | H14a        |    | 14095a  | U+15153    | CH'A:B'   |           | penance      | sacrifice    |                            |
| 342 | H14b        |    | 14095b  | U+15154    | CH'A:B'   |           | penance      | sacrifice    |                            |
| 343 | H15a        |    | 15016a  | U+15155    | ?         |           |              |              | FIST /<br>CLOSED.HANDwCURL |
| 344 | H15b        |    | 15016b  | U+15156    | ?         |           |              |              | FIST /<br>CLOSED.HANDwCURL |
| 345 | H16a        |   | 14016a  | U+15157    | k'o?      |           |              |              | HAND / FIST                |
| 346 | H16b        |  | 14016b  | U+15158    | k'o?      |           |              |              | HAND / FIST                |
| 347 | H17         |  | 15041a  | U+15159    | k'o?      |           |              |              | HAND / FIST                |
| 348 | H18a        |  | 300a    | U+1515A    | k'o       |           |              |              | HAND                       |
| 349 | H18b        |  | 300b    | U+1515B    | k'o       |           |              |              | HAND                       |
| 350 | H19         |  | 12317a  | U+1515C    | CH'AM     | YAL?      | to receive   | to throw?    | OPEN.HAND                  |
| 351 | H20a        |  | 12314a  | U+1515D    | CH'AM     | YAL?/AL?  | take         | cast?son of? | OPEN.HAND                  |
| 352 | H20b        |  | 12314b  | U+1515E    | CH'AM     | YAL?/AL?  | take         | cast?son of? | OPEN.HAND                  |
| 353 | H21         |  | 12315a  | U+1515F    | CH'AM?    | TAY?      |              |              |                            |
| 354 | H22a        |  | 12316a  | U+15160    | AL?       | YAL?      | child of?    | to throw?    | RUBBER.BAND.over.HA<br>ND  |
| 355 | H22b        |  | 12316b  | U+15161    | AL?       | YAL?      | child of?    | to throw?    | RUBBER.BAND.over.HA<br>ND  |
| 356 | H22c        |  | 12316c  | U+15162    | AL?       | YAL?      | child of?    | to throw?    | RUBBER.BAND.over.HA<br>ND  |
| 357 | H23         |  | 1808a   | U+15163    | ke        |           |              |              | HAND                       |
| 358 | H24a        |  | 299a    | U+15164    | ke?       | ho?       |              |              |                            |
| 359 | H24b        |  | 299b    | U+15165    | ke?       | ho?       |              |              |                            |
| 360 | H25         |  | 14045a  | U+15166    | PAS?      |           | to open?     |              |                            |
| 361 | H26         |  | 10112a  | U+15167    | na?       | LAJU:N?   |              |              |                            |

|     | A           | B                                                                                   | C       | D          | E          | F            | H             | I             | J                   |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|------------|--------------|---------------|---------------|---------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1  | Phonetic2    | Translation1  | Translation2  | Iconic_Value        |
| 362 | H27         |    | 725a    | U+15168    | TZAK       |              | to conjure    |               | FISH.in.HAND        |
| 363 | H28         |    | 15023a  | U+15169    | ?          |              |               |               | BLACKENED.HAND      |
| 364 | I1a         |    | 12359a  | U+1516A    | XIB'?      |              | male          |               | YOUTHFUL.MALE       |
| 365 | I1b         |    | 12359b  | U+1516B    | XIB'?      |              | male          |               | YOUTHFUL.MALE       |
| 366 | I2          |    | 15012a  | U+1516C    | NA:HAL     | NA:H         | north         | first/great   | NORTHERN.YOUTH/MALE |
| 367 | I3a         |    | 21a     | U+1516D    | ??         | PIKIT?       |               | he who blows? | GOD.H               |
| 368 | I3b         |    | 21b     | U+1516E    | ??         | PIKIT?       |               | he who blows? | GOD.H               |
| 369 | I4          |   | 1716a   | U+1516F    | CHWEN?     |              | monkey scribe |               | MONKEY.SCRIBE       |
| 370 | I5a         |  | 915a    | U+15170    | (JU:N)AJAW | AJAW         | (one) lord    | king          | GOD.S / HERO.TWIN1  |
| 371 | I5b         |  | 915b    | U+15171    | (JU:N)AJAW | AJAW         | (one) lord    | king          | GOD.S / HERO.TWIN1  |
| 372 | I6a         |  | 913a    | U+15172    | B'ALU:N    | B'A:LAM?     | nine          | jaguar?       | HERO.TWIN.2         |
| 373 | I6b         |  | 913b    | U+15173    | B'ALU:N    | B'A:LAM?     | nine          | jaguar?       | HERO.TWIN.2         |
| 374 | I6c         |  | 913c    | U+15174    | B'ALU:N    | B'A:LAM?     | nine          | jaguar?       | HERO.TWIN.2         |
| 375 | I7a         |  | 12486a  | U+15175    | na?        | ?            |               |               | SIMPLIFIED.hv       |
| 376 | I7b         |  | 12486b  | U+15176    | na?        | ?            |               |               | SIMPLIFIED.hv       |
| 377 | I7c         |  | 12486c  | U+15177    | na?        | ?            |               |               | SIMPLIFIED.hv       |
| 378 | I7d         |  | 12486d  | U+15178    | na?        | ?            |               |               | SIMPLIFIED.hv       |
| 379 | I8          |  | 14051a  | U+15179    | KISIN?     |              |               |               | GOD.Q?              |
| 380 | I9a         |  | 750a    | U+1517A    | na         |              |               |               |                     |
| 381 | I10         |  | 1015a   | U+1517B    | CHAM?      |              |               |               |                     |
| 382 | I11         |  | 959a    | U+1517C    | UH?-IXIK   | KAB'?-IXIK   | moon? lady    | earth? lady   |                     |
| 383 | I12a        |  | 958a    | U+1517D    | (IX)-UH    | UH           | (lady) moon   |               | GODDESS.I           |
| 384 | I12b        |  | 958b    | U+1517E    | (IX)-UH    | UH           | (lady) moon   |               | GODDESS.I           |
| 385 | I13a        |  | 919a    | U+1517F    | KAB'?-AJAW | CHAB'?-AJAW? | earth lord?   |               | GOD.R               |

|     | A           | B                                                                                   | C       | D          | E          | F            | H                    | I                 | J                            |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|------------|--------------|----------------------|-------------------|------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1  | Phonetic2    | Translation1         | Translation2      | Iconic_Value                 |
| 386 | I13b        |    | 919b    | U+15180    | KAB'?-AJAW | CHAB'?-AJAW? | earth lord?          |                   | GOD.R                        |
| 387 | I14         |    | 12360a  | U+15181    | sa         | SAJ          |                      | fear              |                              |
| 388 | I15         |    | 960a    | U+15182    | IXIK?      | (IX)CHEL?    | (Lady) Rainbow?      | (Lady)Rainbow/Hor | GODDESS.O                    |
| 389 | I16a        |    | 14018a  | U+15183    | ??         | IX-CHEL?     |                      | Lady Rainbow?     |                              |
| 390 | I16b        |    | 14018b  | U+15184    | ??         | IX-CHEL?     |                      | Lady Rainbow?     |                              |
| 391 | I16c        |    | 14018c  | U+15185    | ??         | IX-CHEL?     |                      | Lady Rainbow?     |                              |
| 392 | I17         |   | 12352a  | U+15186    | ITZAM?     |              | sorcerer?/alligator? |                   | GOD.N                        |
| 393 | I18         |  | 14007a  | U+15187    | ITZAM?     | ??           | sorcerer?            | lizard?           | OLD.MAN                      |
| 394 | I19         |  | 12525a  | U+15188    | pa         |              |                      |                   |                              |
| 395 | I20         |  | 1029a   | U+15189    | XIW?-TU:N  |              |                      |                   |                              |
| 396 | I21a        |  | 1020a   | U+1518A    | ??         | TZ'UL?       |                      | foreigner?        | GOD.P                        |
| 397 | I21b        |  | 1020b   | U+1518B    | ??         | TZ'UL?       |                      | foreigner?        | GOD.P                        |
| 398 | I21c        |  | 1020c   | U+1518C    | ??         | TZ'UL?       |                      | foreigner?        | GOD.P                        |
| 399 | I22a        |  | 1809a   | U+1518D    | ?          |              |                      |                   | GOD.P /<br>HEADwEYE.MARKINGS |
| 400 | I22b        |  | 1809b   | U+1518E    | ?          |              |                      |                   | GOD.P /<br>HEADwEYE.MARKINGS |
| 401 | I23         |  | 14005a  | U+1518F    | LAM?       | IXIK         | (Venus)              | to diminish?      |                              |
| 402 | I24         |  | 14028a  | U+15190    | AJAW?      |              | lord?                |                   | WARRIOR?                     |
| 403 | I25         |  | 14010a  | U+15191    | ??         |              |                      |                   | NETTED.HEADDRESS.M<br>AN     |
| 404 | I26a        |  | 1031a   | U+15192    | AJ?        |              | he/she of (AGN)      |                   | FLAMING.HEAD                 |
| 405 | I26b        |  | 1031b   | U+15193    | AJ?        |              | he/she of (AGN)      |                   | FLAMING.HEAD                 |
| 406 | I27         |  | 14052a  | U+15194    | ?          | CHAK?        |                      |                   |                              |
| 407 | I28         |  | 14011a  | U+15195    | ??         |              |                      |                   | BLIND.MAN                    |
| 408 | I29         |  | 14012a  | U+15196    | tzi?       | ??           |                      |                   |                              |
| 409 | I30         |  | 14047a  | U+15197    | ?          |              |                      |                   | RARE.hv                      |

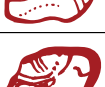
|     | A           | B                                                                                   | C       | D          | E         | F         | H               | I            | J                                |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|-----------------|--------------|----------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1    | Translation2 | Iconic_Value                     |
| 410 | J1a         |    | 944a    | U+15198    | K'UH      |           | god             | holy         | GOD.C                            |
| 411 | J1b         |    | 944b    | U+15199    | K'UH      |           | god             | holy         | GOD.C                            |
| 412 | J1c         |    | 944c    | U+1519A    | K'UH      |           | god             | holy         | GOD.C                            |
| 413 | J1d         |    | 944d    | U+1519B    | K'UH      |           | god             | holy         | GOD.C                            |
| 414 | J2a         |    | 12275a  | U+1519C    | K'UH?     |           | god?            |              | DARKENED.GOD.C                   |
| 415 | J2b         |    | 12275b  | U+1519D    | K'UH?     |           | god?            |              | DARKENED.GOD.C                   |
| 416 | J3          |   | 14025a  | U+1519E    | ??        | NU:N?     |                 | mute?        |                                  |
| 417 | J4a         |  | 12353a  | U+1519F    | K'AWI:L   |           | lightning god   | (God K)      | LIGHTNING.GOD                    |
| 418 | J4b         |  | 12353b  | U+151A0    | K'AWI:L   |           | lightning god   | (God K)      | LIGHTNING.GOD                    |
| 419 | J4c         |  | 12353c  | U+151A1    | K'AWI:L   |           | lightning god   | (God K)      | LIGHTNING.GOD                    |
| 420 | J4d         |  | 12353d  | U+151A2    | K'AWI:L   |           | lightning god   | (God K)      | LIGHTNING.GOD                    |
| 421 | J5a         |  | 13000a  | U+151A3    | ??        |           |                 |              | WOODEN.STEPPED.STR<br>UCTURE     |
| 422 | J5b         |  | 13000b  | U+151A4    | ??        |           |                 |              | WOODEN.STEPPED.STR<br>UCTURE     |
| 423 | J6a         |  | 12999a  | U+151A5    | ?         | chu?      |                 |              | WOODEN.STEPPED.STR<br>UCTURE     |
| 424 | J6b         |  | 12999b  | U+151A6    | ?         | chu?      |                 |              | WOODEN.STEPPED.STR<br>UCTURE     |
| 425 | J7a         |  | 1814a   | U+151A7    | LAJU:N?   |           |                 |              |                                  |
| 426 | J7b         |  | 1814b   | U+151A8    | LAJU:N?   |           |                 |              |                                  |
| 427 | J8          |  | 982a    | U+151A9    | CHA:K     |           | rain god        |              | GOD.B                            |
| 428 | J9          |  | 928a    | U+151AA    | ITZAM?    |           | sorcerer?       | alligator?   | OLD.MAN / GOD.D                  |
| 429 | J10a        |  | 12357a  | U+151AB    | KELE:M?   |           | youthful/strong |              | THUMB.LICKING.GOD                |
| 430 | J10b        |  | 12357b  | U+151AC    | KELE:M?   |           | youthful/strong |              | THUMB.LICKING.GOD                |
| 431 | J11a        |  | 12347a  | U+151AD    | KOKA:J?   | ITZAM?    | bird deity      |              | PRINCIPAL.BIRD.DEITY<br>(P.B.D.) |
| 432 | J11b        |  | 12347b  | U+151AE    | KOKA:J?   | ITZAM?    | bird deity      |              | PRINCIPAL.BIRD.DEITY<br>(P.B.D.) |
| 433 | J11c        |  | 12347c  | U+151AF    | KOKA:J?   | ITZAM?    | bird deity      |              | PRINCIPAL.BIRD.DEITY<br>(P.B.D.) |

|     | A           | B                                                                                   | C       | D          | E             | F             | H                 | I                | J                             |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|---------------|---------------|-------------------|------------------|-------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1     | Phonetic2     | Translation1      | Translation2     | Iconic_Value                  |
| 434 | J11d        |    | 12347d  | U+151B0    | KOKA:J?       | ITZAM?        | bird deity        |                  | PRINCIPAL.BIRD.DEITY (P.B.D.) |
| 435 | J12         |    | 1022a   | U+151B1    | KOKA:J?       |               | eagle?            |                  | HARPY.EAGLE?                  |
| 436 | J13a        |    | 14029a  | U+151B2    | ITZAM?        | ITZAM?-AHI:N? | Shaman?/Wizard?   | Earth-Alligator? | GOD.D+GOD.C?                  |
| 437 | J13b        |    | 14029b  | U+151B3    | ITZAM?        | ITZAM?-AHI:N? | Shaman?/Wizard?   | Earth-Alligator? | GOD.D+GOD.C?                  |
| 438 | J14         |    | 14058a  | U+151B4    | YOPA:T?       |               | storm.god         |                  | STORM.GOD                     |
| 439 | J15         |    | 1024a   | U+151B5    | ??            | SIB'IKTE'?    |                   | Pax God?         | PAX:GOD?                      |
| 440 | J16a        |    | 1019a   | U+151B6    | (I:K)CHUWA:J? |               | (Black) Scorpion? |                  | GOD.L/GOD.M                   |
| 441 | J16b        |   | 1019b   | U+151B7    | (I:K)CHUWA:J? |               | (Black) Scorpion? |                  | GOD.L/GOD.M                   |
| 442 | J17         |  | 682a    | U+151B8    | CHUWA:J?      |               | scorpion?         |                  | GOD.L / GOD.M<br>EYEWCRULLER  |
| 443 | J18a        |  | 1805a   | U+151B9    | CHEL?         | (IX)-CHEL?    | Rainbow           | Horizon          |                               |
| 444 | J18b        |  | 1805b   | U+151BA    | CHEL?         | (IX)-CHEL?    | Rainbow           | Horizon          |                               |
| 445 | J19a        |  | 12349a  | U+151BB    | K'INICH       |               | resplendent       |                  | SUN.GOD                       |
| 446 | J19b        |  | 12349b  | U+151BC    | K'INICH       |               | resplendent       |                  | SUN.GOD                       |
| 447 | J20a        |  | 921a    | U+151BD    | AJAN?         | NAL?          | MAIZE GOD         |                  | GOD.E                         |
| 448 | J20b        |  | 921b    | U+151BE    | AJAN?         | NAL?          | MAIZE GOD         |                  | GOD.E                         |
| 449 | J20c        |  | 921c    | U+151BF    | AJAN?         | NAL?          | MAIZE GOD         |                  | GOD.E                         |
| 450 | J20d        |  | 921d    | U+151C0    | AJAN?         | NAL?          | MAIZE GOD         |                  | GOD.E                         |
| 451 | J21a        |  | 739a    | U+151C1    | MA:N?         |               | Chikchan          |                  |                               |
| 452 | J21b        |  | 739b    | U+151C2    | MA:N?         |               | Chikchan          |                  |                               |
| 453 | J21c        |  | 739c    | U+151C3    | MA:N?         |               | Chikchan          |                  |                               |
| 454 | J22         |  | 15040a  | U+151C4    | ??            | IK'-K'UH?     |                   | wind god         | DOG.GOD.H                     |
| 455 | J23         |  | 14088a  | U+151C5    | ??            |               |                   |                  | GOD.D.AVATAR                  |
| 456 | J24         |  | 14033a  | U+151C6    | ?             | TLA:LOK??     | ?                 | rain god??       | RAIN.GOD?                     |
| 457 | K1a         |  | 145a    | U+151C7    | CHAM          |               |                   |                  | SKULL.CLOSED.EYES             |

|     | A           | B                                                                                   | C       | D          | E         | F         | H             | I            | J                           |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|---------------|--------------|-----------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1  | Translation2 | Iconic_Value                |
| 458 | K1b         |    | 145b    | U+151C8    | CHAM      |           |               |              | SKULL.CLOSED.EYES           |
| 459 | K1c         |    | 145c    | U+151C9    | CHAM      |           |               |              | SKULL.CLOSED.EYES           |
| 460 | K1d         |    | 145d    | U+151CA    | CHAM      |           |               |              | SKULL.CLOSED.EYES           |
| 461 | K1e         |    | 145e    | U+151CB    | CHAM      |           |               |              | SKULL.CLOSED.EYES           |
| 462 | K2a         |    | 463a    | U+151CC    | CHAM?     | KIMI?     | death?        |              | DEATH.SIGN                  |
| 463 | K2b         |    | 463b    | U+151CD    | CHAM?     | KIMI?     | death?        |              | DEATH.SIGN                  |
| 464 | K2c         |    | 463c    | U+151CE    | CHAM?     | KIMI?     | death?        |              | DEATH.SIGN                  |
| 465 | K3a         |   | 1008a   | U+151CF    | CHAM?     | B'A:K?    | death?        | skull>       | GOD.A / BRIGHT.SKULL        |
| 466 | K3b         |  | 1008b   | U+151D0    | CHAM?     | B'A:K?    | death?        | skull>       | GOD.A / BRIGHT.SKULL        |
| 467 | K3c         |  | 1008c   | U+151D1    | CHAM?     | B'A:K?    | death?        | skull>       | GOD.A / BRIGHT.SKULL        |
| 468 | K3d         |  | 1008d   | U+151D2    | CHAM?     | B'A:K?    | death?        | skull>       | GOD.A / BRIGHT.SKULL        |
| 469 | K4a         |  | 644a    | U+151D3    | mu        | MU:K?     | augury        |              | AMPHIBIAN?                  |
| 470 | K4b         |  | 644b    | U+151D4    | mu        | MU:K?     | augury        |              | AMPHIBIAN?                  |
| 471 | K4c         |  | 644c    | U+151D5    | mu        | MU:K?     | augury        |              | AMPHIBIAN?                  |
| 472 | K4d         |  | 644d    | U+151D6    | mu        | MU:K?     | augury        |              | AMPHIBIAN?                  |
| 473 | K5          |  | 1010a   | U+151D7    | xi        |           |               |              |                             |
| 474 | K6a         |  | 1684a   | U+151D8    | UH?       |           | moon          | breath       | WIND.SKULL                  |
| 475 | K6b         |  | 1684b   | U+151D9    | UH?       |           | moon          | breath       | WIND.SKULL                  |
| 476 | K6c         |  | 1684c   | U+151DA    | UH?       |           | moon          | breath       | WIND.SKULL                  |
| 477 | K6d         |  | 1684d   | U+151DB    | UH?       |           | moon          | breath       | WIND.SKULL                  |
| 478 | K7a         |  | 15025a  | U+151DC    | MA:S?     |           | goblin/fright |              | SKULL.w.UNDERWORL D.MARKING |
| 479 | K7b         |  | 15025b  | U+151DD    | MA:S?     |           | goblin/fright |              | SKULL.w.UNDERWORL D.MARKING |
| 480 | K8a         |  | 1003a   | U+151DE    | A:KAN?    |           | Howl          |              | GOD.A' (skeletal)           |
| 481 | K8b         |  | 1003b   | U+151DF    | A:KAN?    |           | Howl          |              | GOD.A' (skeletal)           |

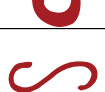


|     | A           | B                                                                                   | C       | D          | E         | F         | H              | I            | J                         |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|----------------|--------------|---------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1   | Translation2 | Iconic_Value              |
| 482 | K9a         |    | 956a    | U+151E0    | A:KAN     |           | Howl           |              | GOD.A'                    |
| 483 | K9b         |    | 956b    | U+151E1    | A:KAN     |           | Howl           |              | GOD.A'                    |
| 484 | K10a        |    | 997a    | U+151E2    | A:KAN     | XIB'?     | Howl? (God A') |              | GOD.A'                    |
| 485 | K10b        |    | 997b    | U+151E3    | A:KAN     | XIB'?     | Howl? (God A') |              | GOD.A'                    |
| 486 | K10c        |    | 997c    | U+151E4    | A:KAN     | XIB'?     | Howl? (God A') |              | GOD.A'                    |
| 487 | K11a        |    | 745a    | U+151E5    | u         | UH?       |                | moon?        |                           |
| 488 | K11b        |   | 745b    | U+151E6    | u         | UH?       |                | moon?        |                           |
| 489 | K11c        |  | 745c    | U+151E7    | u         | UH?       |                | moon?        |                           |
| 490 | K11d        |  | 745d    | U+151E8    | u         | UH?       |                | moon?        |                           |
| 491 | K11e        |  | 12318e  | U+151E9    | JOY       |           | to encircle    | to tie up    |                           |
| 492 | K12a        |  | 998a    | U+151EA    | SIH?      | PA'?      |                |              | SPLIT.HEAD.wout.LOWER.JAW |
| 493 | K12b        |  | 998b    | U+151EB    | SIH?      | PA'?      |                |              | SPLIT.HEAD.wout.LOWER.JAW |
| 494 | K13a        |  | 567a    | U+151EC    | WA'       | se        | to stand up    |              | SPLIT.HEAD.w.WINIK.IN FIX |
| 495 | K13b        |  | 567b    | U+151ED    | WA'       | se        | to stand up    |              | SPLIT.HEAD.w.WINIK.IN FIX |
| 496 | K14         |  | 15017a  | U+151EE    | ?         |           |                |              | SPLT:HEAD.FIGURE          |
| 497 | K15a        |  | 12367a  | U+151EF    | tze       | se        |                |              |                           |
| 498 | K15b        |  | 12367b  | U+151F0    | tze       | se        |                |              |                           |
| 499 | K15c        |  | 12367c  | U+151F1    | tze       | se        |                |              |                           |
| 500 | K15d        |  | 12367d  | U+151F2    | tze       | se        |                |              |                           |
| 501 | K16a        |  | 749a    | U+151F3    | O:N?      | OK'IN?    | relative of    |              | K'AN.SKULL                |
| 502 | K16b        |  | 749b    | U+151F4    | O:N?      | OK'IN?    | relative of    |              | K'AN.SKULL                |
| 503 | K16c        |  | 749c    | U+151F5    | O:N?      | OK'IN?    | relative of    |              | K'AN.SKULL                |
| 504 | K16d        |  | 749d    | U+151F6    | O:N?      | OK'IN?    | relative of    |              | K'AN.SKULL                |
| 505 | K17a        |  | 748a    | U+151F7    | O:N?      | O:KIN?    | familiar       | relative     | K'IN.SKULL                |

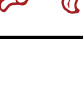
|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                   |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|---------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value        |
| 506 | K17b        |    | 748b    | U+151F8    | O:N?      | O:KIN?    | familiar     | relative     | K'IN.SKULL          |
| 507 | K17c        |    | 748c    | U+151F9    | O:N?      | O:KIN?    | familiar     | relative     | K'IN.SKULL          |
| 508 | K17d        |    | 748d    | U+151FA    | O:N?      | O:KIN?    | familiar     | relative     | K'IN.SKULL          |
| 509 | K17e        |    | 748e    | U+151FB    | O:N?      | O:KIN?    | familiar     | relative     | K'IN.SKULL          |
| 510 | K18a        |    | 1012a   | U+151FC    | KISIN?    |           |              |              |                     |
| 511 | K18b        |    | 1012b   | U+151FD    | KISIN?    |           |              |              |                     |
| 512 | K18c        |   | 1012c   | U+151FE    | KISIN?    |           |              |              |                     |
| 513 | K19         |  | 15011a  | U+151FF    | na?       | ?         |              |              | HEAD.VAR.w.na.INFIX |
| 514 | L1a         |  | 11257a  | U+15200    | O:K       | YO:K      | pillar       | foot         | DOG                 |
| 515 | L1b         |  | 11257b  | U+15201    | O:K       | YO:K      | pillar       | foot         | DOG                 |
| 516 | L2          |  | 15049a  | U+15202    | O:K       | YO:K      | foot         | his/her-foot | DOG.EAR             |
| 517 | L3a         |  | 14084a  | U+15203    | CHI:K     | CHI:CH?   | coati        |              | COATIMUNDI/PIZOTE   |
| 518 | L3b         |  | 14084b  | U+15204    | CHI:K     | CHI:CH?   | coati        |              | COATIMUNDI/PIZOTE   |
| 519 | L4a         |  | 798a    | U+15205    | ch'o      | si?       |              |              |                     |
| 520 | L4b         |  | 798b    | U+15206    | ch'o      | si?       |              |              |                     |
| 521 | L5a         |  | 787a    | U+15207    | TZIKIN?   | ch'o      |              |              | DOG                 |
| 522 | L5b         |  | 787b    | U+15208    | TZIKIN?   | ch'o      |              |              | DOG                 |
| 523 | L6a         |  | 784a    | U+15209    | B'A:H     | b'a       |              |              | GOPHER              |
| 524 | L6b         |  | 784b    | U+1520A    | B'A:H     | b'a       |              |              | GOPHER              |
| 525 | L6c         |  | 784c    | U+1520B    | B'A:H     | b'a       |              |              | GOPHER              |
| 526 | L6d         |  | 1101d   | U+1520C    | b'a?      | B'A:H?    |              |              | GOPHER?             |
| 527 | L6e         |  | 1101e   | U+1520D    | b'a?      | B'A:H?    |              |              | GOPHER?             |
| 528 | L7          |  | 14046a  | U+1520E    | ?         |           |              |              | DOG?                |
| 529 | L8          |  | 11292a  | U+1520F    | b'e?      |           |              |              | MAMMAL?             |



|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                     |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|-----------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value          |
| 530 | L9a         |    | 788a    | U+15210    | pe?       | TU:L?     |              | rabbit?      | RABBIT.w/FLINT.EAR    |
| 531 | L9b         |    | 788b    | U+15211    | pe?       | TU:L?     |              | rabbit?      | RABBIT.w/FLINT.EAR    |
| 532 | L10         |    | 12343a  | U+15212    | TZUL?     | PE:K'?    | dog          |              | DOG                   |
| 533 | L11a        |    | 15008a  | U+15213    | CHIJ?     | KEJ?      | deer?        | deer?        | DOG                   |
| 534 | L11b        |    | 15008b  | U+15214    | CHIJ?     | KEJ?      | deer?        | deer?        | DOG                   |
| 535 | L12         |    | 15018a  | U+15215    | CHIJ?     |           | deer?        |              | DOG                   |
| 536 | L13a        |    | 839a    | U+15216    | CHIJ      | chi?      | deer         |              | DEER                  |
| 537 | L13b        |   | 839b    | U+15217    | CHIJ      | chi?      | deer         |              | DEER                  |
| 538 | L14a        |  | 12341a  | U+15218    | KO:J?     | B'OLAY?   | jaguar/puma  | feline       | JAGUAR/PUMA           |
| 539 | L14b        |  | 12341b  | U+15219    | KO:J?     | B'OLAY?   | jaguar/puma  | feline       | JAGUAR/PUMA           |
| 540 | L14c        |  | 12341c  | U+1521A    | KO:J?     | B'OLAY?   | jaguar/puma  | feline       | JAGUAR/PUMA           |
| 541 | L14d        |  | 12341d  | U+1521B    | KO:J?     | B'OLAY?   | jaguar/puma  | feline       | JAGUAR/PUMA           |
| 542 | L15         |  | 880a    | U+1521C    | b'a?      | PI:T?     |              |              |                       |
| 543 | L16a        |  | 487a    | U+1521D    | HIX       |           | jaguar       |              | JAGUAR.EYE            |
| 544 | L16b        |  | 487b    | U+1521E    | HIX       |           | jaguar       |              | JAGUAR.EYE            |
| 545 | L16c        |  | 487c    | U+1521F    | HIX       |           | jaguar       |              | JAGUAR.EYE            |
| 546 | L17a        |  | 801a    | U+15220    | ??        |           |              |              | NOCTURNAL.MAMMAL<br>? |
| 547 | L17b        |  | 801b    | U+15221    | ??        |           |              |              | NOCTURNAL.MAMMAL<br>? |
| 548 | L18a        |  | 828a    | U+15222    | ?         |           |              |              |                       |
| 549 | L18b        |  | 828b    | U+15223    | ?         |           |              |              |                       |
| 550 | L19a        |  | 12336a  | U+15224    | OCH?      | E:M?      | opposum?     | raccoon?     |                       |
| 551 | L19b        |  | 12336b  | U+15225    | OCH?      | E:M?      | opposum?     | raccoon?     |                       |
| 552 | L20a        |  | 14024a  | U+15226    | O:CH?     | E.M?      | opposum?     | raccoon?     | SCRIBAL.MONKEY?       |
| 553 | L20b        |  | 14024b  | U+15227    | O:CH?     | E.M?      | opposum?     | raccoon?     | SCRIBAL.MONKEY?       |

|     | A           | B                                                                                   | C       | D          | E         | F         | H               | I             | J                    |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|-----------------|---------------|----------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1    | Translation2  | Iconic_Value         |
| 554 | L21         |    | 15028a  | U+15228    | ??        |           |                 |               | NOCTURNAL.MAMMAL?    |
| 555 | L22a        |    | 14031a  | U+15229    | ?         | CHWEN?    | ?               | sage/artist?  | CHWENw/ELBOW         |
| 556 | L22b        |    | 14031b  | U+1522A    | ?         | CHWEN?    | ?               | sage/artist?  | CHWENw/ELBOW         |
| 557 | L23         |    | 15033a  | U+1522B    | KELE:M?   |           | youthful/strong |               | THUMB.LICKING.MONKEY |
| 558 | L24a        |    | 779a    | U+1522C    | MA:X?     |           | spider monkey?  |               | SPIDER.MONKEY        |
| 559 | L24b        |    | 779b    | U+1522D    | MA:X?     |           | spider monkey?  |               | SPIDER.MONKEY        |
| 560 | L25a        |   | 14076a  | U+1522E    | O:N?      | OK'IN?    | relative        | familiar      | MONKEYwK'IN.INFIX    |
| 561 | L25b        |  | 14076b  | U+1522F    | O:N?      | OK'IN?    | relative        | familiar      | MONKEYwK'IN.INFIX    |
| 562 | L26a        |  | 1685a   | U+15230    | ne?       |           |                 |               |                      |
| 563 | L26b        |  | 1685b   | U+15231    | ne?       |           |                 |               |                      |
| 564 | M1a         |  | 1829a   | U+15232    | KUY       |           | owl             |               | OWL                  |
| 565 | M1b         |  | 1829b   | U+15233    | KUY       |           | owl             |               | OWL                  |
| 566 | M2a         |  | 1826a   | U+15234    | u         | MUWA:N?   |                 | hawk?         | OWL                  |
| 567 | M3          |  | 11284a  | U+15235    | KUY       | MUWA:N    | owl             | hawk          | OWL                  |
| 568 | M4a         |  | 989a    | U+15236    | PIK?      | PIH?      | b'aktun         | b#aktun cycle | B'AKTUN.BIRD         |
| 569 | M4b         |  | 989b    | U+15237    | PIK?      | PIH?      | b'aktun         | b#aktun cycle | B'AKTUN.BIRD         |
| 570 | M5a         |  | 12329a  | U+15238    | K'UCH     | TA:HOL    | vulture         | vulture       | VULTURE              |
| 571 | M5b         |  | 12329b  | U+15239    | K'UCH     | TA:HOL    | vulture         | vulture       | VULTURE              |
| 572 | M6          |  | 14020a  | U+1523A    | K'U:CH?   | TA'HOL?   | vulture         | bird          | BIRD                 |
| 573 | M7a         |  | 14066a  | U+1523B    | ti?       |           | (PREP)          |               | VULTURE              |
| 574 | M7b         |  | 14066b  | U+1523C    | ti?       |           | (PREP)          |               | VULTURE              |
| 575 | M8a         |  | 12332a  | U+1523D    |           |           |                 |               |                      |
| 576 | M8b         |  | 12332b  | U+1523E    |           |           |                 |               |                      |
| 577 | M9a         |  | 12331a  | U+1523F    | K'UCH     | TA:HOL    | vulture         | vulture       | VULTURE              |

|     | A           | B                                                                                   | C       | D          | E            | F         | H            | I            | J                            |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|--------------|-----------|--------------|--------------|------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1    | Phonetic2 | Translation1 | Translation2 | Iconic_Value                 |
| 578 | M9b         |    | 12331b  | U+15240    | K'UCH        | TA:HOL    | vulture      | vulture      | VULTURE                      |
| 579 | M10a        |    | 11296a  | U+15241    | MO'          | mo        |              |              | MACAW                        |
| 580 | M10b        |    | 11296b  | U+15242    | MO'          | mo        |              |              | MACAW                        |
| 581 | M11         |    | 12522a  | U+15243    | ?            |           |              |              | BIRD                         |
| 582 | M12         |    | 14060a  | U+15244    | O:N?         | YO:N?     | relative?    | familiar?    | SUN.BIRD                     |
| 583 | M13         |    | 15010a  | U+15245    | KOKA:J?      |           |              |              | EAGLE? / GOD.D AVIAN AVATAR? |
| 584 | M14         |    | 1828a   | U+15246    | ??           |           |              |              | VULTURE? / HERON?            |
| 585 | M15         |  | 15019a  | U+15247    | ?            |           |              |              |                              |
| 586 | M16a        |  | 11293a  | U+15248    | SU:TZ'?      | xu        | bat          |              | BAT?                         |
| 587 | M16b        |  | 11293b  | U+15249    | SU:TZ'?      | xu        | bat          |              | BAT?                         |
| 588 | M17a        |  | 15053a  | U+1524A    | SU:TZ'       | xu        | bat          |              | BAT                          |
| 589 | M17b        |  | 15053b  | U+1524B    | SU:TZ'       | xu        | bat          |              | BAT                          |
| 590 | M17c        |  | 15053c  | U+1524C    | SU:TZ'       | xu        | bat          |              | BAT                          |
| 591 | M18a        |  | 830a    | U+1524D    | xu?          | SU:TZ?    |              | bat          |                              |
| 592 | M18b        |  | 830b    | U+1524E    | xu?          | SU:TZ?    |              | bat          |                              |
| 593 | M19a        |  | 995a    | U+1524F    | ?            |           |              |              | SHARK?                       |
| 594 | M19b        |  | 995b    | U+15250    | ?            |           |              |              | SHARK?                       |
| 595 | M20         |  | 832a    | U+15251    |              |           |              |              |                              |
| 596 | M21a        |  | 318a    | U+15252    | k'i?         | k'a?      |              |              | BIRD                         |
| 597 | M21b        |  | 318b    | U+15253    | k'i?         | k'a?      |              |              | BIRD                         |
| 598 | M21c        |  | 318c    | U+15254    | k'i?         | k'a?      |              |              | BIRD                         |
| 599 | M21d        |  | 318d    | U+15255    | k'i?         | k'a?      |              |              | BIRD                         |
| 600 | M21e        |  | 318e    | U+15256    | k'i?         | k'a?      |              |              | BIRD                         |
| 601 | M22         |  | 2230a   | U+15257    | MU:T?-ITZAM? |           | Bird Itzamna |              | AVIAN.GOD.D / AVATAR GOD.D   |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I                | J                      |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|------------------|------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2     | Iconic_Value           |
| 602 | M23         |    | 14083a  | U+15258    | ?         |           |              |                  | BIRD                   |
| 603 | M24         |    | 12345a  | U+15259    | K'U:TZ?   | K'UTZ?    | turkey       | guajolote        | TURKEY / TURKEY-TAMALE |
| 604 | M25a        |    | 29a     | U+1525A    | a         | AJ        |              | "he/she of" AGN) | PARROT?.HEAD           |
| 605 | M25b        |    | 29b     | U+1525B    | a         | AJ        |              | "he/she of" AGN) | PARROT?.HEAD           |
| 606 | M26         |    | 557a    | U+1525C    | mo        |           |              |                  | MACAW.EYE              |
| 607 | M27         |    | 12325a  | U+1525D    | k'i?      | k'a?      |              |                  | WING?                  |
| 608 | M28a        |    | 587a    | U+1525E    | k'u       |           |              |                  |                        |
| 609 | M28b        |   | 587b    | U+1525F    | k'u       |           |              |                  |                        |
| 610 | M28c        |  | 587c    | U+15260    | k'u       |           |              |                  |                        |
| 611 | M29         |  | 171a    | U+15261    | o         |           |              |                  | FEATHER                |
| 612 | M30a        |  | 15026a  | U+15262    | ?         |           |              |                  | FEATHER                |
| 613 | M30b        |  | 15026b  | U+15263    | ?         |           |              |                  | FEATHER                |
| 614 | M31         |  | 14050a  | U+15264    | o?        | KUM?      |              | pot?             |                        |
| 615 | N1a         |  | 12335a  | U+15265    | CHAN?     | T'OLO:K?  | serpent      | basilisk         |                        |
| 616 | N1b         |  | 12335b  | U+15266    | CHAN?     | T'OLO:K?  | serpent      | basilisk         |                        |
| 617 | N1c         |  | 12335c  | U+15267    | CHAN?     | T'OLO:K?  | serpent      | basilisk         |                        |
| 618 | N2a         |  | 795a    | U+15268    | CHAN      | KA:N      | snake        | serpent          | SNAKE.w.CRULLER        |
| 619 | N2b         |  | 795b    | U+15269    | CHAN      | KA:N      | snake        | serpent          | SNAKE.w.CRULLER        |
| 620 | N3          |  | 15032a  | U+1526A    | ?         |           |              |                  | WOODEN.SNAKE           |
| 621 | N4          |  | 1083a   | U+1526B    | ??        | CHAN?     |              |                  | SNAKE? / WORM?         |
| 622 | N5a         |  | 27a     | U+1526C    | OCH       | TZA:B?    | enter        | rattle(s)        |                        |
| 623 | N5b         |  | 27b     | U+1526D    | OCH       | TZA:B?    | enter        | rattle(s)        |                        |
| 624 | N6a         |  | 1878a   | U+1526E    | CHAN?     | ti-CHAN   | snake?       | in the sky?      | SNAKE / WORM           |
| 625 | N6b         |  | 1878b   | U+1526F    | CHAN?     | ti-CHAN   | snake?       | in the sky?      | SNAKE / WORM           |

|     | A           | B                                                                                   | C       | D          | E             | F         | H                    | I               | J                     |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|---------------|-----------|----------------------|-----------------|-----------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1     | Phonetic2 | Translation1         | Translation2    | Iconic_Value          |
| 626 | N7a         |    | 409a    | U+15270    | LOK           |           | to emerge            | to exit         | WORM? / SNAKE?        |
| 627 | N7b         |    | 409b    | U+15271    | LOK           |           | to emerge            | to exit         | WORM? / SNAKE?        |
| 628 | N8          |    | 15027a  | U+15272    | WAK?          |           | six?                 |                 | WORM?/SNAKE?          |
| 629 | N9          |    | 12372a  | U+15273    | K'UK'?-KA:N?  |           | feathered?-serpent`? |                 | SERPENT.AVATAR.GOD.H? |
| 630 | N10a        |    | 14056a  | U+15274    | ?             |           |                      |                 | MOON.SERPENT          |
| 631 | N10b        |    | 14056b  | U+15275    | ?             |           |                      |                 | MOON.SERPENT          |
| 632 | N10c        |    | 14056c  | U+15276    | ?             |           |                      |                 | MOON.SERPENT          |
| 633 | N11a        |   | 837a    | U+15277    | ??            |           |                      |                 | MARS.BEAST            |
| 634 | N11b        |  | 837b    | U+15278    | ??            |           |                      |                 | MARS.BEAST            |
| 635 | N12a        |  | 14089a  | U+15279    | AHI:N?        |           | Alligator            |                 | ALLIGATOR             |
| 636 | N12b        |  | 14089b  | U+1527A    | AHI:N?        |           | Alligator            |                 | ALLIGATOR             |
| 637 | N13a        |  | 12348a  | U+1527B    | ITZAM?-AHI:N? |           | God D-Alligator      |                 | GOD.D+ALLIGATOR?      |
| 638 | N14a        |  | 833a    | U+1527C    | AHI:N         |           | alligator            |                 |                       |
| 639 | N14b        |  | 12348b  | U+1527D    | ITZAM?-AHI:N? |           | God D-Alligator      |                 | GOD.D+ALLIGATOR?      |
| 640 | N14b        |  | 833b    | U+1527E    | AHI:N         |           | alligator            |                 |                       |
| 641 | N15         |  | 1092a   | U+1527F    | AHI:N?        |           | alligator?           |                 |                       |
| 642 | N16a        |  | 1813a   | U+15280    | IB'A:CH?      |           | armadillo            |                 | ARMADILLO             |
| 643 | N16b        |  | 1813b   | U+15281    | IB'A:CH?      |           | armadillo            |                 | ARMADILLO             |
| 644 | N17a        |  | 846a    | U+15282    | ho??          | IB'A:CH?? |                      | armadillo?      | SNAKE? / ARMADILLO?   |
| 645 | N17b        |  | 846b    | U+15283    | ho??          | IB'A:CH?? |                      | armadillo?      | SNAKE? / ARMADILLO?   |
| 646 | N17c        |  | 846c    | U+15284    | ho??          | IB'A:CH?? |                      | armadillo?      | SNAKE? / ARMADILLO?   |
| 647 | N18a        |  | 12326a  | U+15285    | a             | AJ        |                      | he/she of (AGN) |                       |
| 648 | N18b        |  | 12326b  | U+15286    | a             | AJ        |                      | he/she of (AGN) |                       |
| 649 | N19a        |  | 1811a   | U+15287    | K'AN-a        |           | yellow-V             |                 |                       |

|     | A           | B                                                                                   | C       | D          | E         | F           | H            | I                | J                              |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-------------|--------------|------------------|--------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2   | Translation1 | Translation2     | Iconic_Value                   |
| 650 | N19b        |    | 1811b   | U+15288    | K'AN-a    |             | yellow-V     |                  |                                |
| 651 | N20         |    | 14072a  | U+15289    | A:K?      | ITZAM?-A:K? | turtle       | elderly?-turtle? | GOD.N.TURTLE                   |
| 652 | N21         |    | 14048a  | U+1528A    | ??        |             |              |                  | ZOOMORPH?                      |
| 653 | N22         |    | 794a    | U+1528B    | TI'?      |             | mouth?       |                  |                                |
| 654 | N23         |    | 855a    | U+1528C    | MA:N?     |             |              |                  | SERPENT.SEGMENT?               |
| 655 | O1a         |    | 754a    | U+1528D    | KAY       | ka          | fish         |                  | FISH                           |
| 656 | O1b         |    | 754b    | U+1528E    | KAY       | ka          | fish         |                  | FISH                           |
| 657 | O1c         |   | 754c    | U+1528F    | KAY       | ka          | fish         |                  | FISH                           |
| 658 | O1d         |  | 754d    | U+15290    | KAY       | ka          | fish         |                  | FISH                           |
| 659 | O2          |  | 1827a   | U+15291    | KAY?      | KANKAY?     | fish         | eel              | FISH                           |
| 660 | O3          |  | 14041a  | U+15292    | tz'u?     | u?          |              |                  | EEL? / FISH?                   |
| 661 | O4          |  | 38a     | U+15293    | tz'u      |             |              |                  |                                |
| 662 | O5          |  | 14014a  | U+15294    | K'AB'A'   |             | name         |                  | ELBOW.GOD.C / SKYBAND.SEGMENT? |
| 663 | O6a         |  | 86a     | U+15295    | YAX       | yi          | green/blue   | new              | SHELL                          |
| 664 | O6b         |  | 86b     | U+15296    | YAX       | yi          | green/blue   | new              | SHELL                          |
| 665 | O7a         |  | 87a     | U+15297    | yi        |             |              |                  |                                |
| 666 | O7b         |  | 87b     | U+15298    | yi        |             |              |                  |                                |
| 667 | O7c         |  | 87c     | U+15299    | yi        |             |              |                  |                                |
| 668 | O8          |  | 11256a  | U+1529A    | NOHOL     | NOH         | south        | big              | SHELL                          |
| 669 | O9a         |  | 288a    | U+1529B    | JU:B'?    | he?         | conch        |                  |                                |
| 670 | O9b         |  | 288b    | U+1529C    | JU:B'?    | he?         | conch        |                  |                                |
| 671 | O10a        |  | 14085a  | U+1529D    | so?       |             |              |                  |                                |
| 672 | O10c        |  | 11259c  | U+1529E    | O:M?      |             |              |                  |                                |
| 673 | O11a        |  | 11259a  | U+1529F    | O:M?      |             |              |                  | WATER.SCROLL                   |

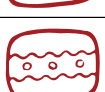


|     | A           | B                                                                                   | C       | D          | E         | F         | H             | I            | J                           |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|---------------|--------------|-----------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1  | Translation2 | Iconic_Value                |
| 674 | O11b        |    | 11259b  | U+152A0    | O:M?      |           |               |              | WATER.SCROLL                |
| 675 | O12a        |    | 14078a  | U+152A1    | mi        | MIH       |               | nothing      | SHELL                       |
| 676 | O12b        |    | 14078b  | U+152A2    | mi        | MIH       |               | nothing      | SHELL                       |
| 677 | O12c        |    | 14078c  | U+152A3    | mi        | MIH       |               | nothing      | SHELL                       |
| 678 | O12d        |    | 14078d  | U+152A4    | mi        | MIH       |               | nothing      | SHELL                       |
| 679 | O13         |    | 1086a   | U+152A5    | MA:K?     | KO:K?     | enclosure     |              |                             |
| 680 | O14         |   | 31a     | U+152A6    | ju?       | JUL?      |               |              |                             |
| 681 | O15         |  | 617a    | U+152A7    | K'AN-A:K? |           | yellow turtle |              |                             |
| 682 | O16         |  | 568a    | U+152A8    | jo        |           |               |              | SHELL? / MOLLUSK?           |
| 683 | O17         |  | 14030a  | U+152A9    | jo?       | jo?       |               |              |                             |
| 684 | O18a        |  | 840a    | U+152AA    | ?         | KAY?      |               | fish         | FISH.TAIL?                  |
| 685 | O18b        |  | 840b    | U+152AB    | ?         | KAY?      |               | fish         | FISH.TAIL?                  |
| 686 | P1a         |  | 205a    | U+152AC    | wa        |           |               |              |                             |
| 687 | P1b         |  | 205b    | U+152AD    | wa        |           |               |              |                             |
| 688 | P1c         |  | 205c    | U+152AE    | wa        |           |               |              |                             |
| 689 | P2          |  | 15005a  | U+152AF    | wa?       |           |               |              | HALVED.wa                   |
| 690 | P2b         |  | 15005b  | U+152B0    | wa?       |           |               |              | HALVED.wa                   |
| 691 | P3          |  | 14003a  | U+152B1    | ??        |           |               |              | STRIPE&EYE?                 |
| 692 | P4a         |  | 32a     | U+152B2    | wi        |           |               |              | ROOT? /<br>MAIZE.FOLIATION? |
| 693 | P4b         |  | 32b     | U+152B3    | wi        |           |               |              | ROOT? /<br>MAIZE.FOLIATION? |
| 694 | P5a         |  | 159a    | U+152B4    | TE'       |           |               |              |                             |
| 695 | P5b         |  | 159b    | U+152B5    | TE'       |           |               |              |                             |
| 696 | P5c         |  | 159c    | U+152B6    | TE'       |           |               |              |                             |
| 697 | P5d         |  | 159d    | U+152B7    | TE'       |           |               |              |                             |



|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                            |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value                 |
| 698 | P6          |    | 15037a  | U+152B8    | na?       | ch'e?     |              |              | LEAF?/<br>FLOWERING/SPROUTIN |
| 699 | P7          |    | 12299a  | U+152B9    | K'IN      |           |              |              | FLOWER / SUNFLOWER           |
| 700 | P8          |    | 642a    | U+152BA    | NIK       | NIKTE'    |              |              | FLOWER                       |
| 701 | P9          |    | 740a    | U+152BB    | YATIK?    |           | flower?      |              | FLOWER                       |
| 702 | P10         |    | 1816a   | U+152BC    | ?         |           |              |              | FLOWER?                      |
| 703 | P11         |    | 546a    | U+152BD    | WA:Y?     |           | sorcerer     |              | FLOWER?w/DARK.SPOT<br>S      |
| 704 | P12         |    | 241a    | U+152BE    | mi        | MIH       |              | nothing      |                              |
| 705 | P13         |   | 454a    | U+152BF    | HA'       |           | water        | rain         | WATERLILLY                   |
| 706 | P14         |  | 242a    | U+152C0    | HA:L?     | I:K'?     | rain         |              | WATER.DROPLETS               |
| 707 | P15a        |  | 521a    | U+152C1    | b'a       |           |              |              | WATERLILLY?                  |
| 708 | P15b        |  | 521b    | U+152C2    | b'a       |           |              |              | WATERLILLY?                  |
| 709 | P16a        |  | 520a    | U+152C3    | ma        |           |              |              |                              |
| 710 | P16b        |  | 520b    | U+152C4    | ma        |           |              |              |                              |
| 711 | P16c        |  | 520c    | U+152C5    | ma        |           |              |              |                              |
| 712 | P16d        |  | 520d    | U+152C6    | ma        |           |              |              |                              |
| 713 | P17         |  | 597a    | U+152C7    | le        |           |              |              | LEAF?                        |
| 714 | P18a        |  | 12308a  | U+152C8    | me        |           |              |              |                              |
| 715 | P18b        |  | 12308b  | U+152C9    | me        |           |              |              |                              |
| 716 | P18c        |  | 12308c  | U+152CA    | me        |           |              |              |                              |
| 717 | P19a        |  | 365a    | U+152CB    | sa        |           |              |              | VEGETABLE.ELEMENT?           |
| 718 | P19b        |  | 365b    | U+152CC    | sa        |           |              |              | VEGETABLE.ELEMENT?           |
| 719 | P20         |  | 12893a  | U+152CD    | tz'e??    |           |              |              |                              |
| 720 | P21         |  | 12892a  | U+152CE    | tz'o?     | tz'e?     |              |              |                              |
| 721 | P22         |  | 522a    | U+152CF    | tz'u      | JOP?      |              |              | GOURD?                       |

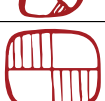
|     | A           | B       | C       | D          | E         | F         | H               | I            | J                                  |
|-----|-------------|---------|---------|------------|-----------|-----------|-----------------|--------------|------------------------------------|
| 1   | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1    | Translation2 | Iconic_Value                       |
| 722 | P23         |         | 509a    | U+152D0    | tzu       | JOP?      |                 |              | AVOCADO?                           |
| 723 | P24         |         | 12524a  | U+152D1    | tzu       | JOP?      |                 |              | AVOCADO?                           |
| 724 | P25         |         | 12276a  | U+152D2    | NAL?      | WINIK?    | maize? / place? | person?      | ELOTE /<br>MAIZE.FOLIATION         |
| 725 | P26a        |         | 1711a   | U+152D3    | NAL?      | WINIK?    | maize/place     | person       | MAIZE.FOLIATION                    |
| 726 | P26b        |         | 1711b   | U+152D4    | NAL?      | WINIK?    | maize/place     | person       | MAIZE.FOLIATION                    |
| 727 | P27a        |         | 1589a   | U+152D5    | NAL?      | WINIK?    | maize? / place? | person?      | MAIZE.FOLIATION                    |
| 728 | P27b        |         | 1589b   | U+152D6    | NAL?      | WINIK?    | maize? / place? | person?      | MAIZE.FOLIATION                    |
| 729 | P28         |         | 14059a  | U+152D7    | ?         | ch'e?     |                 |              |                                    |
| 730 | P29         |         | 14036a  | U+152D8    | ?         |           |                 |              |                                    |
| 731 | P30         |         | 14017a  | U+152D9    | NAL?      |           |                 |              |                                    |
| 732 | P31a        |         | 14004a  | U+152DA    | ??        |           |                 |              | MAIZE.FOLIATION? /<br>DOUBLE.WING? |
| 733 | P31b        |         | 14004b  | U+152DB    | ??        |           |                 |              | MAIZE.FOLIATION? /<br>DOUBLE.WING? |
| 734 | P32         |         | 15004a  | U+152DC    | ?         | HOMOCH?   |                 |              | ELOTE?/XILOTE?                     |
| 735 | P33a        |         | 49a     | U+152DD    | yo        |           |                 |              |                                    |
| 736 | P33b        |         | 49b     | U+152DE    | yo        |           |                 |              |                                    |
| 737 | P34a        |         | 136a    | U+152DF    | HINA:J?   |           |                 |              | SPROUTS?                           |
| 738 | P34b        |         | 136b    | U+152E0    | HINA:J?   |           |                 |              | SPROUTS?                           |
| 739 | P34c        |         | 136c    | U+152E1    | HINA:J?   |           |                 |              | SPROUTS?                           |
| 740 | P34d        |         | 136d    | U+152E2    | HINA:J?   |           |                 |              | SPROUTS?                           |
| 741 | P34e        |         | 136e    | U+152E3    | HINA:J?   |           |                 |              | SPROUTS?                           |
| 742 | P35         |         | 15002a  | U+152E4    | A:N?      |           |                 |              | PAPER.TREE/TREE.LEAF<br>/AMATE     |
| 743 | P36a        |         | 15055a  | U+152E5    |           |           |                 |              | DOTTED.ELEMENT                     |
| 744 | P36b        |         | 15055b  | U+152E6    |           |           |                 |              | DOTTED.ELEMENT                     |
| 745 | Q1a         |         | 459a    | U+152E7    | WA:J      | O:L       | tamale          | heart        |                                    |

|     | A           | B                                                                                   | C       | D          | E          | F         | H              | I            | J                      |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|------------|-----------|----------------|--------------|------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1  | Phonetic2 | Translation1   | Translation2 | Iconic_Value           |
| 746 | Q1b         |    | 459b    | U+152E8    | WA:J       | O:L       | tamale         | heart        |                        |
| 747 | Q1c         |    | 459c    | U+152E9    | WA:J       | O:L       | tamale         | heart        |                        |
| 748 | Q2a         |    | 240a    | U+152EA    | TI'        |           |                |              | UNK                    |
| 749 | Q2b         |    | 240b    | U+152EB    | TI'        |           |                |              | UNK                    |
| 750 | Q3          |    | 12278a  | U+152EC    | WI'        |           | sustenance     | food         |                        |
| 751 | Q4a         |    | 461a    | U+152ED    | tzi        |           |                |              |                        |
| 752 | Q4b         |   | 461b    | U+152EE    | tzi        |           |                |              |                        |
| 753 | Q5          |  | 15022a  | U+152EF    | tzi?       |           |                |              |                        |
| 754 | Q6a         |  | 12346a  | U+152F0    | K'U:TZ?    | K'UTZ?    | turkey         | guajolote    | TURKEY / TURKEY-TAMALE |
| 755 | Q6b         |  | 12346b  | U+152F1    | K'U:TZ?    | K'UTZ?    | turkey         | guajolote    | TURKEY / TURKEY-TAMALE |
| 756 | Q7          |  | 648a    | U+152F2    | HU:J?-WA:J |           | iguana?-tamale |              |                        |
| 757 | Q8a         |  | 12532a  | U+152F3    | HU:J-WA:J  |           | iguana tamale  |              | IGUANA.TAMALE          |
| 758 | Q8b         |  | 12532b  | U+152F4    | HU:J-WA:J  |           | iguana tamale  |              | IGUANA.TAMALE          |
| 759 | Q9          |  | 1833a   | U+152F5    | HU:J-WA:J  |           |                |              |                        |
| 760 | Q10         |  | 1824a   | U+152F6    |            |           |                |              |                        |
| 761 | Q11a        |  | 838a    | U+152F7    |            |           |                |              | DEER.HAUNCH / CUADRIL  |
| 762 | Q11b        |  | 838b    | U+152F8    |            |           |                |              | DEER.HAUNCH / CUADRIL  |
| 763 | R1a         |  | 247a    | U+152F9    | AJAW       | AJ?       | lord/king      | he/she of    | MAT.THRONE             |
| 764 | R1b         |  | 247b    | U+152FA    | AJAW       | AJ?       | lord/king      | he/she of    | MAT.THRONE             |
| 765 | R2a         |  | 695a    | U+152FB    | po         |           |                |              | THRONE.CUSHION         |
| 766 | R2b         |  | 695b    | U+152FC    | po         |           |                |              | THRONE.CUSHION         |
| 767 | R3          |  | 559a    | U+152FD    | B'EN?      |           | reed?          |              | REED?                  |
| 768 | R4a         |  | 593a    | U+152FE    | TZ'AM?     |           | throne?        |              |                        |
| 769 | R4b         |  | 593b    | U+152FF    | TZ'AM?     |           | throne?        |              |                        |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                            |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value                 |
| 770 | R5          |    | 15047a  | U+15300    | tz'o?     | tz'e?     |              |              |                              |
| 771 | R6a         |    | 12280a  | U+15301    | PO:P?     |           | mat?         |              | WOVEN.MAT                    |
| 772 | R6b         |    | 12280b  | U+15302    | PO:P?     |           | mat?         |              | WOVEN.MAT                    |
| 773 | R7          |    | 15054a  | U+15303    | ta        | TA:N?     |              | center?      | MAT?                         |
| 774 | R8a         |    | 14069a  | U+15304    | PO:P?     |           |              |              | MAT?                         |
| 775 | R8b         |    | 14069b  | U+15305    | PO:P?     |           |              |              | MAT?                         |
| 776 | R9a         |    | 12281a  | U+15306    | OTO:T     | POP?      | house        | mat?         | THATCH.ROOF                  |
| 777 | R9b         |  | 12281b  | U+15307    | OTO:T     | POP?      | house        | mat?         | THATCH.ROOF                  |
| 778 | R10a        |  | 12362a  | U+15308    | PAT       |           | to form      |              |                              |
| 779 | R10b        |  | 12362b  | U+15309    | PAT       |           | to form      |              |                              |
| 780 | R11a        |  | 12301a  | U+1530A    | chu       |           |              |              | WOODEN.STEPPED.STR<br>UCTURE |
| 781 | R11b        |  | 12301b  | U+1530B    | chu       |           |              |              | WOODEN.STEPPED.STR<br>UCTURE |
| 782 | R12a        |  | 13001a  | U+1530C    | MUK?      | chu-ku?   | tomb?        | capture?     | WOODEN.STEPPED.STR<br>UCTURE |
| 783 | R12b        |  | 13001b  | U+1530D    | MUK?      | chu-ku?   | tomb?        | capture?     | WOODEN.STEPPED.STR<br>UCTURE |
| 784 | R13         |  | 14053a  | U+1530E    | ?         |           |              |              | BALLCOURT?                   |
| 785 | R14         |  | 14026a  | U+1530F    | ??        | CHE:N?    | pyramid_     | mound?       | PYRAMID                      |
| 786 | R15         |  | 14063a  | U+15310    | ?         |           | ladder?      | stair        | LADDER / SCAFFOLD /<br>STAIR |
| 787 | S1a         |  | 174a    | U+15311    | ki        |           |              |              | BUNDLE`?                     |
| 788 | S1b         |  | 174b    | U+15312    | ki        |           |              |              | BUNDLE`?                     |
| 789 | S2a         |  | 1621a   | U+15313    | ta        |           |              |              | UNK                          |
| 790 | S2b         |  | 1621b   | U+15314    | ta        |           |              |              | UNK                          |
| 791 | S2c         |  | 1621c   | U+15315    | ta        |           |              |              | UNK                          |
| 792 | S3          |  | 41a     | U+15316    | ta        |           |              |              | TORCH                        |
| 793 | S4          |  | 53a     | U+15317    | ta        |           |              |              |                              |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I                | J                              |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|------------------|--------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2     | Iconic_Value                   |
| 794 | S5          |    | 1616a   | U+15318    | ch'a      | CH'A:J    |              | droplets/incense | SMOKING.INCENSE?               |
| 795 | S6          |    | 1825a   | U+15319    | ??        |           |              |                  | CENSER? / RATTLE? / FAN?       |
| 796 | S7          |    | 613a    | U+1531A    | PAKAL     |           | shield       |                  |                                |
| 797 | S8          |    | 26a     | U+1531B    | CH'AK     |           | to chop      |                  | AXE                            |
| 798 | S9          |    | 14099a  | U+1531C    | ?         |           |              |                  | NEEDLE.PIERCING.EAR?           |
| 799 | S10         |    | 14096a  | U+1531D    | NA:H?     | CH'AK?    |              |                  | HARVEST.HOE?/AXE-LIKE.TOOL?    |
| 800 | S11         |    | 5050a   | U+1531E    | JEL?      | ??        |              |                  | CROSSED.STICKS? / AXE.ov.EARTH |
| 801 | S12         |   | 232a    | U+1531F    |           |           |              |                  |                                |
| 802 | S13         |  | 12510a  | U+15320    | ?         | chi?      |              |                  | SPINE? / STINGRAY.SPINE?       |
| 803 | S14a        |  | 15021a  | U+15321    | ?         |           |              |                  | SACRIFICIAL.PLATE              |
| 804 | S14b        |  | 15021b  | U+15322    | ?         |           |              |                  | SACRIFICIAL.PLATE              |
| 805 | S15         |  | 15038a  | U+15323    | ?         |           |              |                  | THORN/SPINE                    |
| 806 | S16         |  | 15039a  | U+15324    | ?         | PU:TZ'?   | ?            | needle           |                                |
| 807 | S17a        |  | 12320a  | U+15325    | B'U:L?    |           | jar?         |                  | VESSEL / JAR                   |
| 808 | S17b        |  | 12320b  | U+15326    | B'U:L?    |           | jar?         |                  | VESSEL / JAR                   |
| 809 | S17c        |  | 12320c  | U+15327    | B'U:L?    |           | jar?         |                  | VESSEL / JAR                   |
| 810 | S18         |  | 15029a  | U+15328    | B'U:L?    |           | jar?         |                  | VESSEL / JAR                   |
| 811 | S19a        |  | 12322a  | U+15329    | ?         | SEL?      |              |                  | PAINTED GOURD /VESSEL/JAR      |
| 812 | S19b        |  | 12322b  | U+1532A    | ?         | SEL?      |              |                  | PAINTED GOURD /VESSEL/JAR      |
| 813 | S19c        |  | 12322c  | U+1532B    | ?         | SEL?      |              |                  | PAINTED GOURD /VESSEL/JAR      |
| 814 | S20         |  | 386a    | U+1532C    | B'UL?     | ta?       | jar?         |                  | JAR/VESSELwCROSSED.BANDS       |
| 815 | S21         |  | 14061a  | U+1532D    | ?         | PA:X??    |              |                  | DRUM                           |
| 816 | S22         |  | 14006a  | U+1532E    | ??        | B'U:L?    |              | jar?             | INVERTED.VESSEL / JAR          |
| 817 | S23a        |  | 14082a  | U+1532F    | EL?       | EL?-K'IN? | heat?        | east             |                                |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                                 |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|-----------------------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value                      |
| 818 | S23b        |    | 14082b  | U+15330    | EL?       | EL?-K'IN? | heat?        | east         |                                   |
| 819 | S24         |    | 15031a  | U+15331    | LAK?      |           | bowl?        |              | PLATE/BOWL                        |
| 820 | S25a        |    | 15015a  | U+15332    |           |           |              |              | CENSER                            |
| 821 | S25b        |    | 15015b  | U+15333    |           |           |              |              | CENSER                            |
| 822 | S26a        |    | 15001a  | U+15334    | KUM?      |           | pot?         |              |                                   |
| 823 | S26b        |    | 15001b  | U+15335    | KUM?      |           | pot?         |              |                                   |
| 824 | S27a        |    | 235a    | U+15336    | o?        | HUL?      |              | arrive       | FLOWER.ELEMENT?                   |
| 825 | S27b        |  | 235c    | U+15337    | o?        | HUL?      |              | arrive       | FLOWER.ELEMENT?                   |
| 826 | S28a        |  | 11258a  | U+15338    | ?         |           |              |              |                                   |
| 827 | S28b        |  | 11258b  | U+15339    | ?         |           |              |              |                                   |
| 828 | S28c        |  | 11258c  | U+1533A    | ?         |           |              |              |                                   |
| 829 | S28d        |  | 11258d  | U+1533B    | ?         |           |              |              |                                   |
| 830 | S29         |  | 14034a  | U+1533C    | ?         | NA:H?     | ?            | first?       |                                   |
| 831 | S30         |  | 14049a  | U+1533D    | o?        | HUL?      |              | to arrive?   |                                   |
| 832 | S31         |  | 14015a  | U+1533E    | na?       | ch'e?     |              |              | LEAF?/<br>FLOWERING/SPROUTIN      |
| 833 | S32         |  | 14019a  | U+1533F    | ?         | ch'e?     |              |              | DOTTED.STRIPE /<br>DOTTED.BRACKET |
| 834 | S33a        |  | 170a    | U+15340    | SUM?      | TAL?      | rope         |              | ROPE                              |
| 835 | S33b        |  | 170b    | U+15341    | SUM?      | TAL?      | rope         |              | ROPE                              |
| 836 | S34         |  | 15003a  | U+15342    | ??        | CHUM?     |              |              | KNOT?/ROPE?                       |
| 837 | S35         |  | 743a    | U+15343    | ?         |           |              |              | TWISTED.OBJECT? /<br>ROPE`?       |
| 838 | S36a        |  | 675a    | U+15344    | TAL       |           | (num.class)  |              | TWIST?/ROPE?                      |
| 839 | S36b        |  | 675b    | U+15345    | TAL       |           | (num.class)  |              | TWIST?/ROPE?                      |
| 840 | S36c        |  | 675c    | U+15346    | TAL       |           | (num.class)  |              | TWIST?/ROPE?                      |
| 841 | T1a         |  | 604a    | U+15347    | LE:M?     | YU:J?     | lightning?   | fruit?       | CELT / JEWEL / MIRROR             |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I            | J                     |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|--------------|-----------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value          |
| 842 | T1b         |    | 604b    | U+15348    | LE:M?     | YU:J?     | lightning?   | fruit?       | CELT / JEWEL / MIRROR |
| 843 | T1c         |    | 604c    | U+15349    | LE:M?     | YU:J?     | lightning?   | fruit?       | CELT / JEWEL / MIRROR |
| 844 | T1d         |    | 604d    | U+1534A    | LE:M?     | YU:J?     | lightning?   | fruit?       | CELT / JEWEL / MIRROR |
| 845 | T1e         |    | 327e    | U+1534B    | LE:M?     |           | flash/shine  |              | MIRROR                |
| 846 | T2a         |    | 1133a   | U+1534C    | li        |           |              |              | CELT/PLAQUE           |
| 847 | T2b         |    | 1133b   | U+1534D    | li        |           |              |              | CELT/PLAQUE           |
| 848 | T2c         |   | 14093c  | U+1534E    | li        | LE:M?     |              | resplendent  | CELT/PLAQUE           |
| 849 | T2d         |  | 14093d  | U+1534F    | li        | LE:M?     |              | resplendent  | CELT/PLAQUE           |
| 850 | T3          |  | 12503a  | U+15350    | na?       | mu?       |              |              |                       |
| 851 | T4a         |  | 44a     | U+15351    | yu        |           |              |              |                       |
| 852 | T4b         |  | 44b     | U+15352    | yu        |           |              |              |                       |
| 853 | T5a         |  | 14057a  | U+15353    | ?         | tz'a?     |              |              |                       |
| 854 | T5b         |  | 14057b  | U+15354    | ?         | tz'a?     |              |              |                       |
| 855 | T6a         |  | 573a    | U+15355    | tz'a      |           |              |              |                       |
| 856 | T6b         |  | 573b    | U+15356    | tz'a      |           |              |              |                       |
| 857 | T6c         |  | 1831c   | U+15357    | tz'a      |           |              |              |                       |
| 858 | T7a         |  | 12369a  | U+15358    | tz'a-ta?  |           |              |              |                       |
| 859 | T7b         |  | 12369b  | U+15359    | tz'a-ta?  |           |              |              |                       |
| 860 | T8a         |  | 22a     | U+1535A    | KOKA:J?   | ITZAM?    | bird deity   |              | MIRROR.PENDANT        |
| 861 | T8b         |  | 22b     | U+1535B    | KOKA:J?   | ITZAM?    | bird deity   |              | MIRROR.PENDANT        |
| 862 | T9a         |  | 42a     | U+1535C    | SAK       |           | white        | pure         |                       |
| 863 | T9b         |  | 42b     | U+1535D    | SAK       |           | white        | pure         |                       |
| 864 | T10         |  | 14022a  | U+1535E    | ?         | hi?       |              |              | HALVED.KNOT?          |
| 865 | T11         |  | 129a    | U+1535F    | ti        |           |              |              |                       |



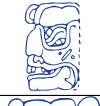
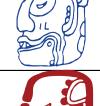
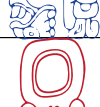
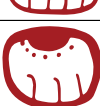
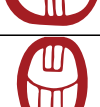
|     | A           | B       | C       | D          | E         | F         | H            | I            | J                                |
|-----|-------------|---------|---------|------------|-----------|-----------|--------------|--------------|----------------------------------|
| 1   | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value                     |
| 866 | T11b        |         | 129b    | U+15360    | ti        |           |              |              |                                  |
| 867 | T12         |         | 20a     | U+15361    | si        |           |              |              |                                  |
| 868 | T13a        |         | 12988a  | U+15362    | ??        | pi?       |              |              | GOD.H.JEWEL /<br>FOREHEAD.BEAD / |
| 869 | T13b        |         | 12988b  | U+15363    | ??        | pi?       |              |              | GOD.H.JEWEL /<br>FOREHEAD.BEAD / |
| 870 | T13c        |         | 12988c  | U+15364    | ??        | pi?       |              |              | GOD.H.JEWEL /<br>FOREHEAD.BEAD / |
| 871 | T13d        |         | 12988d  | U+15365    | ??        | pi?       |              |              | GOD.H.JEWEL /<br>FOREHEAD.BEAD / |
| 872 | T14         |         | 273a    | U+15366    | pi?       | OCH?      |              |              | RATTLE?                          |
| 873 | T15a        |         | 14037a  | U+15367    | ??        | pi?       |              |              | RATTLE?                          |
| 874 | T15b        |         | 14037b  | U+15368    | ??        | pi?       |              |              | RATTLE?                          |
| 875 | T16         |         | 34a     | U+15369    | SIP?      | o?        | owner?       |              |                                  |
| 876 | T17a        |         | 1074a   | U+1536A    | SIP??     |           | owner?       |              | PECCARY,HAUNCH?                  |
| 877 | T17b        |         | 1074b   | U+1536B    | SIP??     |           | owner?       |              | PECCARY,HAUNCH?                  |
| 878 | T18         |         | 15036a  | U+1536C    | SIP??     |           | owner?       |              | PECCARY,HAUNCH?                  |
| 879 | T19         |         | 12370a  | U+1536D    | tz'a-pa   |           | to plant     |              |                                  |
| 880 | T20a        |         | 16a     | U+1536E    | tu        |           |              |              |                                  |
| 881 | T20b        |         | 16b     | U+1536F    | tu        |           |              |              |                                  |
| 882 | T21a        |         | 585a    | U+15370    | pa        |           |              |              | UNK? / NET?                      |
| 883 | T21b        |         | 585b    | U+15371    | pa        |           |              |              | UNK? / NET?                      |
| 884 | T22a        |         | 726a    | U+15372    | pa        |           |              |              |                                  |
| 885 | T22b        |         | 726b    | U+15373    | pa        |           |              |              |                                  |
| 886 | T22c        |         | 726c    | U+15374    | pa        |           |              |              |                                  |
| 887 | T23         |         | 468a    | U+15375    | PET       | (Muluk)   | round        | encircle     | RING? /<br>ROUND.SPINDLE? /      |
| 888 | T24         |         | 576a    | U+15376    | no        |           |              |              | COTTON?                          |
| 889 | T25         |         | 1714a   | U+15377    | PIK?      |           | skirt        |              | B'AKTUN                          |

|     | A           | B                                                                                   | C       | D          | E         | F         | H            | I               | J                     |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|-----------|--------------|-----------------|-----------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2    | Iconic_Value          |
| 890 | T26a        |    | 133a    | U+15378    | ITZAM?    | XIW?      | sorcerer?    | lagarto/lizard  | NETTED.KNOT.HEADDRESS |
| 891 | T26b        |    | 133b    | U+15379    | ITZAM?    | XIW?      | sorcerer?    | lagarto/lizard  | NETTED.KNOT.HEADDRESS |
| 892 | T26c        |    | 133c    | U+1537A    | ITZAM?    | XIW?      | sorcerer?    | lagarto/lizard  | NETTED.KNOT.HEADDRESS |
| 893 | T26d        |    | 133d    | U+1537B    | ITZAM?    | XIW?      | sorcerer?    | lagarto/lizard  | NETTED.KNOT.HEADDRESS |
| 894 | T27         |    | 12501a  | U+1537C    | ?         | yu?       |              |                 |                       |
| 895 | T28         |    | 15034a  | U+1537D    | yu-k'u?   | k'u-yu?   |              |                 | KNOT:NET              |
| 896 | T29a        |    | 43a     | U+1537E    | HU:N      | JOY       | headband     | to enclose/bind | KNOT/HEADBAND         |
| 897 | T29b        |    | 43b     | U+1537F    | HU:N      | JOY       | headband     | to enclose/bind | KNOT/HEADBAND         |
| 898 | T30         |  | 12319a  | U+15380    | HU:N      | JOY       | headband     | to enclose/bind | KNOT/HEADBAND         |
| 899 | T31a        |  | 14077a  | U+15381    | ?         |           | (sustract)   |                 | RING.NUMBER           |
| 900 | T31b        |  | 14077b  | U+15382    | ?         |           | (sustract)   |                 | RING.NUMBER           |
| 901 | T32a        |  | 19a     | U+15383    | che       |           |              |                 |                       |
| 902 | T32b        |  | 19b     | U+15384    | che       |           |              |                 |                       |
| 903 | T33         |  | 265a    | U+15385    | hi        | SIHO:M    |              |                 | KNOTTED.STONE         |
| 904 | T34a        |  | 15014a  | U+15386    | hi        | SIHO:M    |              |                 | KNOTTED.STONE         |
| 905 | T34b        |  | 15014b  | U+15387    | hi        | SIHO:M    |              |                 | KNOTTED.STONE         |
| 906 | T35         |  | 513a    | U+15388    | K'AN-JAL  |           |              |                 |                       |
| 907 | U0a         |  | 1760a   | U+15389    | mi        | MIH       |              | zero            | SHELL                 |
| 908 | U0b         |  | 1760b   | U+1538A    | mi        | MIH       |              | zero            | SHELL                 |
| 909 | U0c         |  | 1760c   | U+1538B    | mi        | MIH       |              | zero            | SHELL                 |
| 910 | U0d         |  | 1760d   | U+1538C    | mi        | MIH       |              | zero            | SHELL                 |
| 911 | U1a         |  | 1719a   | U+1538D    | JU:N      | HU:N      | one          | one             | ONE                   |
| 912 | U1b         |  | 1719b   | U+1538E    | JU:N      | HU:N      | one          | one             | ONE                   |
| 913 | U1c         |  | 1719c   | U+1538F    | JU:N      | HU:N      | one          | one             | ONE                   |

|     | A           | B       | C       | D          | E         | F         | H            | I            | J            |
|-----|-------------|---------|---------|------------|-----------|-----------|--------------|--------------|--------------|
| 1   | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1 | Translation2 | Iconic_Value |
| 914 | U2a         |         | 1720a   | U+15390    | CHA'      | KA'       | two          |              |              |
| 915 | U2b         |         | 1720b   | U+15391    | CHA'      | KA'       | two          |              |              |
| 916 | U2c         |         | 1720c   | U+15392    | CHA'      | KA'       | two          |              |              |
| 917 | U3a         |         | 1721a   | U+15393    | HUX       | OX        | three        | three        | THREE        |
| 918 | U3b         |         | 1721b   | U+15394    | HUX       | OX        | three        | three        | THREE        |
| 919 | U3c         |         | 1721c   | U+15395    | HUX       | OX        | three        | three        | THREE        |
| 920 | U4a         |         | 1722a   | U+15396    | CHAN      | KAN       | four         | four         | FOUR         |
| 921 | U4b         |         | 1722b   | U+15397    | CHAN      | KAN       | four         | four         | FOUR         |
| 922 | U4c         |         | 1722c   | U+15398    | CHAN      | KAN       | four         | four         | FOUR         |
| 923 | U5a         |         | 1723a   | U+15399    | HO'       | ho?       | five         |              | FIVE         |
| 924 | U5b         |         | 1723b   | U+1539A    | HO'       | ho?       | five         |              | FIVE         |
| 925 | U5c         |         | 1723c   | U+1539B    | HO'       | ho?       | five         |              | FIVE         |
| 926 | U6a         |         | 1724a   | U+1539C    | WAK       |           | six          |              | SIX          |
| 927 | U6b         |         | 1724b   | U+1539D    | WAK       |           | six          |              | SIX          |
| 928 | U6c         |         | 1724c   | U+1539E    | WAK       |           | six          |              | SIX          |
| 929 | U7a         |         | 1725a   | U+1539F    | HUK       |           | seven        |              | SEVEN        |
| 930 | U7b         |         | 1725b   | U+153A0    | HUK       |           | seven        |              | SEVEN        |
| 931 | U7c         |         | 1725c   | U+153A1    | HUK       |           | seven        |              | SEVEN        |
| 932 | U8a         |         | 1726a   | U+153A2    | WAXAK     |           | eight        |              | EIGHT        |
| 933 | U8b         |         | 1726b   | U+153A3    | WAXAK     |           | eight        |              | EIGHT        |
| 934 | U8c         |         | 1726c   | U+153A4    | WAXAK     |           | eight        |              | EIGHT        |
| 935 | U9a         |         | 1727a   | U+153A5    | B'OLO:N   | B'ALU:N   | nine         | many         | NINE         |
| 936 | U9b         |         | 1727b   | U+153A6    | B'OLO:N   | B'ALU:N   | nine         | many         | NINE         |
| 937 | U9c         |         | 1727c   | U+153A7    | B'OLO:N   | B'ALU:N   | nine         | many         | NINE         |

|     | A           | B                                                                                   | C       | D          | E            | F             | H            | I            | J            |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|--------------|---------------|--------------|--------------|--------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1    | Phonetic2     | Translation1 | Translation2 | Iconic_Value |
| 938 | U10a        |    | 1728a   | U+153A8    | LAJU:N       |               | ten          |              | TEN          |
| 939 | U10b        |    | 1728b   | U+153A9    | LAJU:N       |               | ten          |              | TEN          |
| 940 | U10c        |    | 1728c   | U+153AA    | LAJU:N       |               | ten          |              | TEN          |
| 941 | U11a        |    | 1729a   | U+153AB    | B'ULUK       | B'ULUCH       | eleven       |              |              |
| 942 | U11b        |    | 1729b   | U+153AC    | B'ULUK       | B'ULUCH       | eleven       |              |              |
| 943 | U11c        |    | 1729c   | U+153AD    | B'ULUK       | B'ULUCH       | eleven       |              |              |
| 944 | U12a        |    | 1730a   | U+153AE    | LAJCHA'      | KALAJU:N      | twelve       | twelve       | TWELVE       |
| 945 | U12b        |   | 1730b   | U+153AF    | LAJCHA'      | KALAJU:N      | twelve       | twelve       | TWELVE       |
| 946 | U12c        |  | 1730c   | U+153B0    | LAJCHA'      | KALAJU:N      | twelve       | twelve       | TWELVE       |
| 947 | U13a        |  | 1731a   | U+153B1    | HUXLAJU:N    | OXLAJU:N      | thirteen     |              | THIRTEEN     |
| 948 | U13b        |  | 1731b   | U+153B2    | HUXLAJU:N    | OXLAJU:N      | thirteen     |              | THIRTEEN     |
| 949 | U13c        |  | 1731c   | U+153B3    | HUXLAJU:N    | OXLAJU:N      | thirteen     |              | THIRTEEN     |
| 950 | U14a        |  | 1732a   | U+153B4    | CHANLAJU:N   | KANLAJU:N     | fourteen     |              | FOURTEEN     |
| 951 | U14b        |  | 1732b   | U+153B5    | CHANLAJU:N   | KANLAJU:N     | fourteen     |              | FOURTEEN     |
| 952 | U15a        |  | 1733a   | U+153B6    | HO'LAJU:N    |               | fifteen      |              |              |
| 953 | U15b        |  | 1733b   | U+153B7    | HO'LAJU:N    |               | fifteen      |              |              |
| 954 | U16a        |  | 1734a   | U+153B8    | WAKLAJU:N    |               | sixteen      |              |              |
| 955 | U16b        |  | 1734b   | U+153B9    | WAKLAJU:N    |               | sixteen      |              |              |
| 956 | U17a        |  | 1735a   | U+153BA    | HUKLAJU:N    | WUKLAJU:N     | seventeen    |              |              |
| 957 | U17b        |  | 1735b   | U+153BB    | HUKLAJU:N    | WUKLAJU:N     | seventeen    |              |              |
| 958 | U18a        |  | 1736a   | U+153BC    | WAXAKLAJU:N  |               | eighteen     |              |              |
| 959 | U18b        |  | 1736b   | U+153BD    | WAXAKLAJU:N  |               | eighteen     |              |              |
| 960 | U19a        |  | 1737a   | U+153BE    | B'OLONLAJU:N | B'ALU:NLAJU:N | nineteen     |              |              |
| 961 | U19b        |  | 1737b   | U+153BF    | B'OLONLAJU:N | B'ALU:NLAJU:N | nineteen     |              |              |

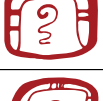
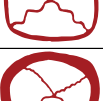
|     | A           | B                                                                                   | C       | D          | E          | F         | H            | I            | J                   |
|-----|-------------|-------------------------------------------------------------------------------------|---------|------------|------------|-----------|--------------|--------------|---------------------|
| 1   | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1  | Phonetic2 | Translation1 | Translation2 | Iconic_Value        |
| 962 | U20a        |    | 1738a   | U+153C0    | WINA:K     |           | twenty       |              |                     |
| 963 | U21         |    | 17001a  | U+153C1    | JU:N       |           | one          |              | ONE.hv / 1.hv       |
| 964 | U22         |    | 17002a  | U+153C2    | CHA'       | KA'       | two          | two          | TWO.hv / 2.hv       |
| 965 | U23a        |    | 17003a  | U+153C3    | HUX        | OX        | three        | three        | THREE.hv / 3.hv     |
| 966 | U23b        |    | 17003b  | U+153C4    | HUX        | OX        | three        | three        | THREE.hv / 3.hv     |
| 967 | U24         |    | 17004a  | U+153C5    | CHAN       | KAN       | four         | four         | FOUR.hv / 4.hv      |
| 968 | U25         |    | 17005a  | U+153C6    | HO'        |           | five         |              | FIVE.hv / 5.hv      |
| 969 | U26a        |   | 17006a  | U+153C7    | WAK        |           | six          |              | SIX.SKULL.hv        |
| 970 | U26b        |  | 17006b  | U+153C8    | WAK        |           | six          |              | SIX.SKULL.hv        |
| 971 | U26c        |  | 17006c  | U+153C9    | WAK        |           | six          |              | SIX.SKULL.hv        |
| 972 | U27a        |  | 17007a  | U+153CA    | WUK        | HUK       | seven        | seven        | SEVEN.hv / 7.hv     |
| 973 | U27b        |  | 17007b  | U+153CB    | WUK        | HUK       | seven        | seven        | SEVEN.hv / 7.hv     |
| 974 | U28a        |  | 17008a  | U+153CC    | WAXAK      |           | eight        |              | EIGHT.hv / 8.hv     |
| 975 | U28b        |  | 17008b  | U+153CD    | WAXAK      |           | eight        |              | EIGHT.hv / 8.hv     |
| 976 | U28c        |  | 17008c  | U+153CE    | WAXAK      |           | eight        |              | EIGHT.hv / 8.hv     |
| 977 | U29a        |  | 17009a  | U+153CF    | B'ALU:N    | B'OLON    | nine         | nine         | NINE.hv / 9.hv      |
| 978 | U29b        |  | 17009b  | U+153D0    | B'ALU:N    | B'OLON    | nine         | nine         | NINE.hv / 9.hv      |
| 979 | U30         |  | 17010a  | U+153D1    | LAJU:N     | LAJ?      | ten          | last?        | TEN.hv / 10.hv      |
| 980 | U31         |  | 17011a  | U+153D2    | B'ULUCH    | B'ULUK    | eleven       | eleven       | ELEVEN.hv / 11.hv   |
| 981 | U32         |  | 17012a  | U+153D3    | LAJCHA'    | KA'LAJU:N | twelve       |              | TWELVE.hv / 12.hv   |
| 982 | U33a        |  | 17013a  | U+153D4    | HUXLAJU:N  | OXLAJU:N  | thirteen     |              | THIRTEEN.hv / 13.hv |
| 983 | U33b        |  | 17013b  | U+153D5    | HUXLAJU:N  | OXLAJU:N  | thirteen     |              | THIRTEEN.hv / 13.hv |
| 984 | U34         |  | 17014a  | U+153D6    | CHANLAJU:N | KANLAJU:N | fourteen     |              | FOURTEEN.hv / 14.hv |
| 985 | U35a        |  | 17015a  | U+153D7    | HO'LAJU:N  |           | fifteen      |              | FIFTEEN.hv / 15.hv  |

|      | A           | B                                                                                   | C       | D          | E                   | F                | H                   | I            | J                        |
|------|-------------|-------------------------------------------------------------------------------------|---------|------------|---------------------|------------------|---------------------|--------------|--------------------------|
| 1    | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1           | Phonetic2        | Translation1        | Translation2 | Iconic_Value             |
| 986  | U35b        |    | 17015b  | U+153D8    | HO'LAJU:N           |                  | fifteen             |              | FIFTEEN.hv / 15.hv       |
| 987  | U36         |    | 17016a  | U+153D9    | WAKLAJU:N           |                  | sixteen             |              | EIGHTEEN.hv / 18.hv      |
| 988  | U37         |    | 17017a  | U+153DA    | WUKLAJU:N/HUKLAJU:N |                  | seventeen           |              | SIXTEEN.hv / 16.hv       |
| 989  | U38a        |    | 17018a  | U+153DB    | WAXAKLAJU:N         |                  | eighteen            |              | EIGHTEEN.hv / 18.hv      |
| 990  | U38b        |    | 17018b  | U+153DC    | WAXAKLAJU:N         |                  | eighteen            |              | EIGHTEEN.hv / 18.hv      |
| 991  | U39a        |    | 17019a  | U+153DD    | B'ALU:NLAJU:N       | B'OLO:N          | nineteen            | nine         | NINETEEN.hv              |
| 992  | U39b        |   | 17019b  | U+153DE    | B'ALU:NLAJU:N       | B'OLO:N          | nineteen            | nine         | NINETEEN.hv              |
| 993  | U40a        |  | 17020a  | U+153DF    | mi                  | MIH              |                     | nothing      | TWENTY / ZERO            |
| 994  | U40b        |  | 17020b  | U+153E0    | mi                  | MIH              |                     | nothing      | TWENTY / ZERO            |
| 995  | V0          |  | 16000a  | U+153E1    | K'IK'?              | K'AL?            | blood?              | twenty?      | DAY.CARTOUCHE            |
| 996  | V1a         |  | 1739a   | U+153E2    | HA'?                |                  | (DAY 1, "IMIX")     |              | DAY.01                   |
| 997  | V1b         |  | 1739b   | U+153E3    | HA'?                |                  | (DAY 1, "IMIX")     |              | DAY.01                   |
| 998  | V1c         |  | 1739c   | U+153E4    | HA'?                |                  | (DAY 1, "IMIX")     |              | DAY.01                   |
| 999  | V1d         |  | 1739d   | U+153E5    | HA'?                |                  | (DAY 1, "IMIX")     |              | DAY.01                   |
| 1000 | V2a         |  | 1740a   | U+153E6    | IK'                 |                  | (DAY 2, "IK")       |              | DAY.02                   |
| 1001 | V2b         |  | 1740b   | U+153E7    | IK'                 |                  | (DAY 2, "IK")       |              | DAY.02                   |
| 1002 | V2c         |  | 1740c   | U+153E8    | IK'                 |                  | (DAY 2, "IK")       |              | DAY.02                   |
| 1003 | V3a         |  | 1741a   | U+153E9    | AK'AB'              | Ak'b'al? (Day 3) | night               | darkness     | DAY.03 / SERPENT.SEGMENT |
| 1004 | V3b         |  | 1741b   | U+153EA    | AK'AB'              | Ak'b'al? (Day 3) | night               | darkness     | DAY.03 / SERPENT.SEGMENT |
| 1005 | V3c         |  | 1741c   | U+153EB    | AK'AB'              | Ak'b'al? (Day 3) | night               | darkness     | DAY.03 / SERPENT.SEGMENT |
| 1006 | V4a         |  | 1742a   | U+153EC    | O:L?                | WA:J?            | (DAY 4, "K'AN")     |              | DAY.04                   |
| 1007 | V4b         |  | 1742b   | U+153ED    | O:L?                | WA:J?            | (DAY 4, "K'AN")     |              | DAY.04                   |
| 1008 | V4c         |  | 1742c   | U+153EE    | O:L?                | WA:J?            | (DAY 4, "K'AN")     |              | DAY.04                   |
| 1009 | V5a         |  | 1743a   | U+153EF    | MA:N?               |                  | (DAY 5, "CHIKCHAN") |              | DAY.05                   |



|      | A           | B       | C       | D          | E         | F         | H                   | I            | J                       |
|------|-------------|---------|---------|------------|-----------|-----------|---------------------|--------------|-------------------------|
| 1    | NcodeX_CODE | Picture | Numeric | codepoints | Phonetic1 | Phonetic2 | Translation1        | Translation2 | Iconic_Value            |
| 1010 | V5b         |         | 1743b   | U+153F0    | MA:N?     |           | (DAY 5, "CHIKCHAN") |              | DAY.05                  |
| 1011 | V5c         |         | 1743c   | U+153F1    | MA:N?     |           | (DAY 5, "CHIKCHAN") |              | DAY.05                  |
| 1012 | V6a         |         | 1744a   | U+153F2    | CHAM?     | KAM?      | (DAY 6, "KIMI")     |              | DAY.06                  |
| 1013 | V6b         |         | 1744b   | U+153F3    | CHAM?     | KAM?      | (DAY 6, "KIMI")     |              | DAY.06                  |
| 1014 | V6c         |         | 1744c   | U+153F4    | CHAM?     | KAM?      | (DAY 6, "KIMI")     |              | DAY.06                  |
| 1015 | V7a         |         | 1745a   | U+153F5    | chi?      |           | (DAY 7, "MANIK")    |              | DAY.07                  |
| 1016 | V7b         |         | 1745b   | U+153F6    | chi?      |           | (DAY 7, "MANIK")    |              | DAY.07                  |
| 1017 | V8a         |         | 1746a   | U+153F7    | LAMAT?    | EK'       | (DAY 8, "LAMAT")    | star         | DAY.08 / VENUS          |
| 1018 | V8b         |         | 1746b   | U+153F8    | LAMAT?    | EK'       | (DAY 8, "LAMAT")    | star         | DAY.08 / VENUS          |
| 1019 | V8c         |         | 1746c   | U+153F9    | LAMAT?    | EK'       | (DAY 8, "LAMAT")    | star         | DAY.08 / VENUS          |
| 1020 | V8d         |         | 1746d   | U+153FA    | LAMAT?    | EK'       | (DAY 8, "LAMAT")    | star         | DAY.08 / VENUS          |
| 1021 | V9a         |         | 1747a   | U+153FB    | ?         |           | (DAY 9, "MULUK")    |              | DAY.09 / MULUK.DAY.SIGN |
| 1022 | V9b         |         | 1747b   | U+153FC    | ?         |           | (DAY 9, "MULUK")    |              | DAY.09 / MULUK.DAY.SIGN |
| 1023 | V9c         |         | 1747c   | U+153FD    | ?         |           | (DAY 9, "MULUK")    |              | DAY.09 / MULUK.DAY.SIGN |
| 1024 | V9d         |         | 1747d   | U+153FE    | ?         |           | (DAY 9, "MULUK")    |              | DAY.09 / MULUK.DAY.SIGN |
| 1025 | V10a        |         | 1748a   | U+153FF    | O:K       |           | (DAY 10, "OK")      |              | DAY.10                  |
| 1026 | V10b        |         | 1748b   | U+15400    | O:K       |           | (DAY 10, "OK")      |              | DAY.10                  |
| 1027 | V10c        |         | 1748c   | U+15401    | O:K       |           | (DAY 10, "OK")      |              | DAY.10                  |
| 1028 | V10d        |         | 1748d   | U+15402    | O:K       |           | (DAY 10, "OK")      |              | DAY.10                  |
| 1029 | V11a        |         | 1749a   | U+15403    | WINIK?    | CHWEN?    | (DAY 11, "CHUWEN")  |              | DAY.11                  |
| 1030 | V11b        |         | 1749b   | U+15404    | WINIK?    | CHWEN?    | (DAY 11, "CHUWEN")  |              | DAY.11                  |
| 1031 | V11c        |         | 1749c   | U+15405    | WINIK?    | CHWEN?    | (DAY 11, "CHUWEN")  |              | DAY.11                  |
| 1032 | V12a        |         | 1750a   | U+15406    | E:B'?     |           | (DAY 12, "EB'")     |              | DAY.12                  |
| 1033 | V12b        |         | 1750b   | U+15407    | E:B'?     |           | (DAY 12, "EB'")     |              | DAY.12                  |



|      | A           | B                                                                                   | C       | D          | E         | F          | H                  | I                   | J                |
|------|-------------|-------------------------------------------------------------------------------------|---------|------------|-----------|------------|--------------------|---------------------|------------------|
| 1    | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1 | Phonetic2  | Translation1       | Translation2        | Iconic_Value     |
| 1034 | V12c        |    | 1750c   | U+15408    | E:B'?     |            | (DAY 12, "EB")     |                     | DAY.12           |
| 1035 | V12d        |    | 1750d   | U+15409    | E:B'?     |            | (DAY 12, "EB")     |                     | DAY.12           |
| 1036 | V13a        |    | 1751a   | U+1540A    | B'EN?     |            | (DAY 13, "B'EN")   |                     | DAY.13           |
| 1037 | V13b        |    | 1751b   | U+1540B    | B'EN?     |            | (DAY 13, "B'EN")   |                     | DAY.13           |
| 1038 | V14a        |    | 1752a   | U+1540C    | HIX       |            | (DAY 14, "HIX")    |                     | DAY.14           |
| 1039 | V14b        |    | 1752b   | U+1540D    | HIX       |            | (DAY 14, "HIX")    |                     | DAY.14           |
| 1040 | V14c        |    | 1752c   | U+1540E    | HIX       |            | (DAY 14, "HIX")    |                     | DAY.14           |
| 1041 | V15a        |   | 1753a   | U+1540F    | me        | TZ'IKIN?   | (DAY 15, "MEN")    |                     | DAY.15           |
| 1042 | V15b        |  | 1753b   | U+15410    | me        | TZ'IKIN?   | (DAY 15, "MEN")    |                     | DAY.15           |
| 1043 | V15c        |  | 1753c   | U+15411    | me        | TZ'IKIN?   | (DAY 15, "MEN")    |                     | DAY.15           |
| 1044 | V16a        |  | 1754a   | U+15412    | KIB'?     |            | (DAY 16, "KIB'")   |                     | DAY.16           |
| 1045 | V16b        |  | 1754b   | U+15413    | KIB'?     |            | (DAY 16, "KIB'")   |                     | DAY.16           |
| 1046 | V16c        |  | 1754c   | U+15414    | KIB'?     |            | (DAY 16, "KIB'")   |                     | DAY.16           |
| 1047 | V16d        |  | 1754d   | U+15415    | KIB'?     |            | (DAY 16, "KIB'")   |                     | DAY.16           |
| 1048 | V17a        |  | 1755a   | U+15416    | KAB'      |            | (DAY 17, "KAB'AN") |                     | DAY.17           |
| 1049 | V17b        |  | 1755b   | U+15417    | KAB'      |            | (DAY 17, "KAB'AN") |                     | DAY.17           |
| 1050 | V17c        |  | 1755c   | U+15418    | KAB'      |            | (DAY 17, "KAB'AN") |                     | DAY.17           |
| 1051 | V17d        |  | 1755d   | U+15419    | KAB'      |            | (DAY 17, "KAB'AN") |                     | DAY.17           |
| 1052 | V18a        |  | 1756a   | U+1541A    | TO:K'?    | ETZ'NA:B'? | flint              | (DAY 18, "ETZ'NAB") | DAY.18           |
| 1053 | V18b        |  | 1756b   | U+1541B    | TO:K'?    | ETZ'NA:B'? | flint              | (DAY 18, "ETZ'NAB") | DAY.18           |
| 1054 | V18c        |  | 1756c   | U+1541C    | TO:K'?    | ETZ'NA:B'? | flint              | (DAY 18, "ETZ'NAB") | DAY.18           |
| 1055 | V19a        |  | 1757a   | U+1541D    | TU:N?     |            | (DAY 19, "KAWAK')  |                     | DAY.19           |
| 1056 | V19b        |  | 1757b   | U+1541E    | TU:N?     |            | (DAY 19, "KAWAK')  |                     | DAY.19           |
| 1057 | V20a        |  | 1758a   | U+1541F    | AJAW      |            | (DAY 20, "AJAW")   |                     | DAY.20 / FLOWER? |

|      | A           | B                                                                                   | C       | D          | E             | F         | H                | I            | J                |
|------|-------------|-------------------------------------------------------------------------------------|---------|------------|---------------|-----------|------------------|--------------|------------------|
| 1    | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1     | Phonetic2 | Translation1     | Translation2 | Iconic_Value     |
| 1058 | V20b        |    | 1758b   | U+15420    | AJAW          |           | (DAY 20, "AJAW") |              | DAY.20 / FLOWER? |
| 1059 | V21         |    | 11263a  | U+15421    | K'AN-JAL?-wa  |           |                  |              | MONTH.01         |
| 1060 | V22a        |    | 11264a  | U+15422    | I:K'-AT-ta    |           |                  |              | MONTH.02         |
| 1061 | V22b        |    | 11264b  | U+15423    | I:K'-AT-ta    |           |                  |              | MONTH.02         |
| 1062 | V22c        |    | 11264c  | U+15424    | I:K'-AT-ta    |           |                  |              | MONTH.02         |
| 1063 | V23a        |    | 11265a  | U+15425    | IK'-AT-ta     |           |                  |              | MONTH.03         |
| 1064 | V23b        |    | 11265b  | U+15426    | IK'-AT-ta     |           |                  |              | MONTH.03         |
| 1065 | V24a        |   | 11266a  | U+15427    | SU:TZ'        |           | Bat              |              | MONTH.04 / BAT   |
| 1066 | V24b        |  | 11266b  | U+15428    | SU:TZ'        |           | Bat              |              | MONTH.04 / BAT   |
| 1067 | V24c        |  | 11266c  | U+15429    | SU:TZ'        |           | Bat              |              | MONTH.04 / BAT   |
| 1068 | V25         |  | 11267a  | U+1542A    | se-ka         |           |                  |              | MONTH.05         |
| 1069 | V26a        |  | 11268a  | U+1542B    | TZIKIN?-ni    |           |                  |              | MONTH.06         |
| 1070 | V26b        |  | 11268b  | U+1542C    | TZIKIN?-ni    |           |                  |              | MONTH.06         |
| 1071 | V26c        |  | 11268c  | U+1542D    | TZIKIN?-ni    |           |                  |              | MONTH.06         |
| 1072 | V27a        |  | 11269a  | U+1542E    | YAX-K'IN-ni   |           |                  |              | MONTH.07         |
| 1073 | V27b        |  | 11269b  | U+1542F    | YAX-K'IN-ni   |           |                  |              | MONTH.07         |
| 1074 | V28a        |  | 11270a  | U+15430    | mo-lo         |           |                  |              | MONTH.08         |
| 1075 | V28b        |  | 11270b  | U+15431    | mo-lo         |           |                  |              | MONTH.08         |
| 1076 | V29a        |  | 11271a  | U+15432    | IK'-SIHO:M-ma |           |                  |              | MONTH.09         |
| 1077 | V29b        |  | 11271b  | U+15433    | IK'-SIHO:M-ma |           |                  |              | MONTH.09         |
| 1078 | V30a        |  | 11272a  | U+15434    | YAX-SIHO:M-ma |           |                  |              | MONTH.10         |
| 1079 | V30b        |  | 11272b  | U+15435    | YAX-SIHO:M-ma |           |                  |              | MONTH.10         |
| 1080 | V30c        |  | 11272c  | U+15436    | YAX-SIHO:M-ma |           |                  |              | MONTH.10         |
| 1081 | V31         |  | 11273a  | U+15437    | SAK-SIHO:M-ma |           |                  |              | MONTH.11         |

|      | A           | B                                                                                   | C       | D          | E              | F            | H            | I            | J            |
|------|-------------|-------------------------------------------------------------------------------------|---------|------------|----------------|--------------|--------------|--------------|--------------|
| 1    | NcodeX_CODE | Picture                                                                             | Numeric | codepoints | Phonetic1      | Phonetic2    | Translation1 | Translation2 | Iconic_Value |
| 1082 | V32a        |    | 11274a  | U+15438    | CHAK-SIHO:M-ma |              |              |              | MONTH.12     |
| 1083 | V32b        |    | 11274b  | U+15439    | CHAK-SIHO:M-ma |              |              |              | MONTH.12     |
| 1084 | V33a        |    | 11275a  | U+1543A    | ma-ka          |              |              |              | MONTH.13     |
| 1085 | V33b        |    | 11275b  | U+1543B    | ma-ka          |              |              |              | MONTH.13     |
| 1086 | V33c        |    | 11275c  | U+1543C    | ma-ka          |              |              |              | MONTH.13     |
| 1087 | V34         |    | 11276a  | U+1543D    | UN?-wa         |              |              |              | MONTH.14     |
| 1088 | V35a        |    | 11277a  | U+1543E    | MUWA:N?-ni     |              |              |              | MONTH.15     |
| 1089 | V35b        |   | 11277b  | U+1543F    | MUWA:N?-ni     |              |              |              | MONTH.15     |
| 1090 | V35c        |  | 11277c  | U+15440    | MUWA:N?-ni     |              |              |              | MONTH.15     |
| 1091 | V36         |  | 11278a  | U+15441    | PA'-PAX?-la    |              |              |              | MONTH.15     |
| 1092 | V37a        |  | 11279a  | U+15442    | K'AN-a-wa      | K'AN-a-si-ya |              |              | MONTH.17     |
| 1093 | V37b        |  | 11279b  | U+15443    | K'AN-a-wa      | K'AN-a-si-ya |              |              | MONTH.17     |
| 1094 | V38a        |  | 11280a  | U+15444    | JUL?-O:L-la    |              |              |              | MONTH.18     |
| 1095 | V38b        |  | 11280b  | U+15445    | JUL?-O:L-la    |              |              |              | MONTH.18     |
| 1096 | V38c        |  | 11280c  | U+15446    | JUL?-O:L-la    |              |              |              | MONTH.18     |
| 1097 | V38d        |  | 11280d  | U+15447    | JUL?-O:L-la    |              |              |              | MONTH.18     |
| 1098 | V39         |  | 11281a  | U+15448    | WAY-HA:B'?-b'a |              |              |              | MONTH.19     |