

Revised proposal to encode Proto-Cuneiform in Unicode

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1 Introduction

This is a proposal to encode the Proto-Cuneiform script in Unicode. It supersedes the following documents:

- L2/16-267: “Preliminary proposal to encode Proto-Cuneiform in the SMP” (Everson & Hawkins)
- L2/17-157: “Proposal to encode Proto-Cuneiform in the SMP of the UCS” (Everson & Hawkins)
- L2/19-284: “Proposal to Encode Proto-Cuneiform in the SMP of the UCS” (Hawkins)
- L2/20-193: “Preliminary proposal to encode Proto-Cuneiform in Unicode” (Pandey)
- L2/22-239: “Revised proposal to encode Proto-Cuneiform in Unicode” (Pandey)

Major changes and enhancements from the previous proposal (L2/22-239) include:

- Withdrawal of proposed format-control characters for encoding ‘composable’ compound signs
- Following from the above: all attested compound signs are encoded as atomic characters
- Annotations regarding compositions of multi-part single ideographic signs (incomplete)
- Re-inclusion of 57 signs that are fragmentary or have missing elements (see § 7.1)
- Encoding of 210 sign variants as independent characters (see summary in § 7.2)
- Identification of signs in compounds not independently itemized in the CDLI list (see § 7.3)
- Suggested corrections of some CDLI sign names (see § 3.1)
- Comparison of signs in previous proposals with the current proposed repertoire (see § 8)
- Table with some analogues between Proto-Cuneiform and Sumero-Akkadian Cuneiform (see § 9)
- Revised Unicode character names, aligning with naming conventions for Cuneiform in Unicode

2 Next Steps

I request feedback on the following issues from experts to advance encoding of Proto-Cuneiform in Unicode

- How to handle the representation of variants? As this script is not completely deciphered, but actively studied, it is practical to include variants that have been documented by scholars in the CDLI sign list. This approach enables users to explicitly represent in plain text the entire attested corpus without the need for font changes for displaying variants. To enable this, I’ve included all variant forms as independent characters in the proposed repertoire.
- How to handle the representation of signs that are not listed independently in CDLI, but that are attested as in compounds (see § 7.3 for a list of such signs)? For example, the compound  |GURUSZ~cx2(N14)| consists of GURUSZ~c and 2(N14). But, GURUSZ~c is not in the sign list, while  GURUSZ~a and  GURUSZ~b are. If scholars needed to discuss the composition of |GURUSZ~cx2(N14)|, would it be sufficient to use GURUSZ~a or GURUSZ~b as a proxy for GURUSZ~c? The form in the compound is visually distinct, and is given a distinctive name in CDLI, so it is practical to encode it as an independent character. More generally, such signs should be encoded in order to enable the proper description of the components of compounds signs.
- How to specify the Unicode character name for signs in the CDLI list that are based on ZATU or LAK catalogue designations? Should ZATU647 be retained, or modified with a hyphen, eg. ZATU-647?
- Should compound signs be interfiled with the respective single numeric and ideographic signs, or sorted after?

3 Background

The earliest attested script emerged at the end of the 4th millennium BCE in Mesopotamia. It was a pictographic script, whose signs were pressed into clay tablets, initially for administrative and book-keeping purposes. These pictographs developed into more abstract signs, which evolved into the writing system known as ‘cuneiform’. Accordingly, the early script is known to scholars as ‘proto-cuneiform’.

An encoding for Proto-Cuneiform in Unicode would provide for plain-text representation of the script and enable users to encode signs as actual characters instead of as images. Proto-Cuneiform signs are depicted extensively in publications, both in charts and in running text (see fig. 1–2).

The Cuneiform Digital Library Initiative (CDLI) maintains a list of Proto-Cuneiform signs, which was created and curated by the late Robert Englund, a prominent expert of this script. The CDLI repertoire for Proto-Cuneiform contains 2095 distinctive signs, which consist of 349 single numeric signs, 1106 single ideographic signs, and 640 compound signs. There are 210 signs with variants, some with multiple forms, giving a total of 280 variant signs.

Class	Type	Total Distinct	Without Variants	With Variants	Total Variants	Total Distinct + Variant Signs
single (1455)	numeric	349	339	10	10	359
	ideographic	1106	935	171	234	1340
compound (640)	numeric	3	3	0	0	3
	ideographic	485	463	22	27	512
	numero-ideographic	28	26	2	2	30
	ideo-numeric	124	119	5	7	131
total		2095	1885	210	280	2375

In the CDLI naming convention, numeric signs are denoted using ‘N’. The number preceding ‘N’ indicates the numeric value of the sign, and the number following ‘N’ refers to a decipherment sequence, not to any inherent value of the sign. Ideographic sign names are based upon values of the signs. Several modifiers are used for indicating changes to the shape or form of a sign:

Modifiers

@g	<i>gunu</i>
@t	<i>tenu</i>
@n	<i>nutillu</i>
@s	<i>sesshig</i>
@r	<i>reversed</i>
@f	<i>flat</i>

And the composition of a compound:

Operators

- (...) a group of signs
- × the following sign is contained within the preceding sign
- +
- the preceding sign is joined or fused to the following sign
- & the preceding sign is stacked vertically above the following sign
- .
- the preceding sign is placed beside, but not joined to the following sign

3.1 Proposed Corrections to CDLI Sign Names

Through my analysis of Proto-Cuneiform signs, I have noted some sign names in the CDLI sign list that do not accurately represent the sign. I would like to suggest that the names for the following signs be updated in CDLI. I am using the ‘corrected’ names as the basis for the proposed Unicode character names.

#	Glyph	CDLI Name	Corrected Name
57		1(N34F@t)	1(N34@f@t)
1487		x(N57).GAR	X(N57).GAR
1602		E2~ax1(N57)@t	E2~ax1(N58@t)
1632		GA2~a2x3(N57)	GA2~a1x3(N57)
1650		GA2~a2xNIM~b1	GA2~a1xNIM~b1
1658		GA2~a1x((SUKUD&SUKUD)~a)	GA2~a1x((SUKUD+SUKUD)~a)
1659		GA2~a1x((SUKUD&SUKUD)~b)	GA2~a1x((SUKUD+SUKUD)~b)
1731		HIx1(N01)F	HIx1(N01@f)
1733		(HIx1(N57))&(HI+1(N57))	(HIx1(N57)).(HIx1(N57))
1734		HIx1(N57)@t	HIx1(N57@t)
1781		LAGAB~bxLAGAB~b	LAGAB~b&LAGAB~b
1847		NINDA2x(HI+ME~a)	NINDA2x(HI.ME~a)
1907		SZU2.((HI+1(N57))+(HI+1(N57)))	SZU2.((HIx1(N57))&(HIx1(N57)))
1913		SIG2~b.SIG2~b	SIG2~b&SIG2~b
1969		U4x1(N01)F	U4x1(N01@f)

4 Rationale for Separately Encoding Proto-Cuneiform

When the encoding of cuneiform in Unicode was being discussed in the early 3rd millennium CE, Michael Everson and Karljürgen Feuerherm, submitted a document to the Unicode Technical Committee titled “Basic principles for the encoding of Sumero-Akkadian Cuneiform” (WG2 N2585, L2/03-162). In this document, the authors provided responses to several questions regarding the complex issue of encoding cuneiform. The following question directly related to the scope of ‘cuneiform’ was posed in the email-based “Cuneiform Discussion List”:

“What exact period will we begin with in our encoding? (We have previously ruled out archaic cuneiform.)”

The following response was provided by Everson and Feuerherm:

It seems agreed by all that to attempt to cover the entire scope of Sumero-Akkadian or Mesopotamian Cuneiform with a single encoding effort would be too great a task for practical purposes. Accordingly, it is our view that the decision as to whether or not to rule out a unification of the archaic script should be deferred pending further study.

Ultimately, cuneiform was encoded in Unicode using the script of the Ur III period. The rationale was based on the fact, stated by the above authors, that:

In general, all other things being equal, it is our view that we should opt for the earlier period (Ur III) until and unless practical considerations during the actual processing of the material suggest otherwise.

This is reflected in the description of the ‘Sumero-Akkadian Cuneiform’ block in *The Unicode Standard*, chapter 11 (p. 440):

The base character repertoire for the Cuneiform block was distilled from the list of Ur III signs compiled by the Cuneiform Digital Library Initiative (UCLA) in union with the list constructed independently by Miguel Civil. This repertoire is comprehensive from the Ur III period onward. Old Akkadian and Archaic Cuneiform are not covered by the repertoire in this block. Signs specific to the Early Dynastic period are encoded separately in the Early Dynastic Cuneiform block.

After ‘Sumero-Akkadian Cuneiform’ was encoded, little work was done on encoding Proto-Cuneiform, which are referred to in the above documents as the ‘Archaic’ script. In 2016, Michael Everson and Laura Hawkins submitted a preliminary encoding (WG2 N4760, L2/16-267). But, the issue was not taken up again until the submission by the present author of “Preliminary proposal to encode Proto-Cuneiform in Unicode” (L2/20-193). The renewed motivation in encoding the script in Unicode is driven by enabling the basic representation of ‘Archaic’ or Proto-Cuneiform signs in plain text.

Representing a script in ‘plain text’ means unambiguously representing the characters of a script in digital media such as text files, web pages, databases, email, etc. without the need for mark-up to specify the identity of the characters, or without the need for properly displaying the characters’ glyphs by changing the font for the text. Such text could be copied across platforms and applications, and the underlying data would be preserved.

Plain text representation requires that the characters of a script be assigned unique Unicode codepoints. Accordingly, characters of one script are distinguished from those of another through these codepoints. For example, with a distinctive encoding for Proto-Cuneiform in Unicode, the text of Nissen, Damerow, Englund (1993: 43), shown in fig. 1 here, would consist of Latin characters and Proto-Cuneiform characters. The identity of the Proto-Cuneiform signs would be bound to distinct character codes, not simply hacks that have been previously used, such as glyphs mapped to the Latin script and displayed by selecting a different Latin font than the surrounding text.

There are experts who suggest that Proto-Cuneiform be unified with Sumero-Akkadian Cuneiform. This approach would mean that whenever a user wished to represent an Archaic sign, they would instead use the Ur III character already encoded in Unicode. More generally speaking, if one were to use this approach to represent the aforementioned text of Nissen, Damerow, Englund, the plain text encoding would contain Sumero-Akkadian Cuneiform instead of the Archaic forms. So, in order to represent the Proto-Cuneiform signs that occur at the top of the page, for  NAGA (= NAGA~a) a user would type  U+12240 CUNEIFORM SIGN NAGA, and for  DUB (= DUB~a) they would use  U+1207E CUNEIFORM SIGN DUB. Then, the user would need to select a Proto-Cuneiform for displaying the intended form. This poses several issues, chief of which is conveyance of character identity. To scholars of Proto-Cuneiform and Sumero-Akkadian Cuneiform, the relationship between  and  may be obvious. But, this relationship is not explicit at the visual level. And it hinders the proper representation of Proto-Cuneiform in plain text.

Other benefits regarding the separate encoding of Proto-Cuneiform in Unicode have been provided by Niek Veldhuis (personal correspondence, February 2023). Veldhuis informed me that “encoding PC would be helpful in many ways, in more or less the same way that encoding historically related scripts such as Arabic, Hebrew, Syriac, etc. is useful.” He raised the following points:

1. For a good number of PC signs we know the historical relationship with later stages of cuneiform – for quite a few we do not.
2. In some cases we suspect that two (or more) PC signs may have merged into a cuneiform sign in a later stage. In quite a few cases we cannot be sure.
3. A good number of signs cannot be related to later stages of cuneiform.
4. The way the writing system works is quite different from later cuneiform.
5. Although most scholars today argue that the underlying language is Sumerian, the late Bob Englund, the scholar with the deepest knowledge of PC in the modern age, argued that the language was unknown.

5 Proposed Encoding Model

The current document maintains the principle, stated in L2/20-193, of encoding all distinctive signs required for the complete encoding of extant Proto-Cuneiform texts, as attested in the Proto-Cuneiform sign list by CDLI.

Previous proposals, such as L2/17-157, recommended the encoding of only the most common signs. The rationale was that a set of those 277 common signs may be used for encoding nearly 85% of all signs occurring in Proto-Cuneiform records. However, as a practical matter, a truly useful repertoire for Proto-Cuneiform in Unicode should provide for the representation of all distinctive signs, attested to date, in order to enable representation of the extant Proto-Cuneiform corpus.

Additionally, there are variant forms of signs documented by CDLI. According to the Unicode character-glyph model, these variant forms could be considered ‘glyphic variants’, or forms that are semantically identical to the representative form. However, for ancient scripts such as Proto-Cuneiform, I believe it would be useful to encode variant forms as separate characters. This approach would assist with the verbatim encoding of the Proto-Cuneiform corpus in plain text, without the need for unifying signs for solely normative reasons.

Following from the above, all attested Proto-Cuneiform signs are encoded as independent characters. Single ideographic signs that are composed of multiple parts are, therefore, encoded as atomic characters. Compound signs that might be considered as being composed using sequences of signs are also encoded as atomic characters. This is due to the fact that there are no practical methods for arranging and formatting sequences of signs to compose such compounds.

6 Proposed Character Repertoire

The tables show Proto-Cuneiform signs separated into numeric, ideographic, and compound categories. Provided for each sign is a generic serial number for references purposes, a digitized glyphs, the CDLI sign name, and a tentative Unicode character name. In cases where variant signs are attested for a sign, such signs are denoted using a ‘.n’ following the serial number, where *n* is a serial count of variant forms. Various annotations are also provided, ie. regarding name corrections, fragmentary signs, etc.

6.1 Individual numeric signs

#	Glyph	CDLI Name	Unicode Name
1		1(N01)	ONE-N1
2		1(N01@f)	ONE-N1 FLAT
3		1(N01@r)	ONE-N1 REVERSED
4		1(N02)	ONE-N2
5		1(N03)	ONE-N3

#	Glyph	CDLI Name	Unicode Name
6		1(N04)	ONE-N4
7		1(N04@f)	ONE-N4 FLAT
8		1(N05)	ONE-N5
9		1(N06)	ONE-N6
10		1(N07~a)	ONE-N7-A
11		1(N07~b)	ONE-N7-B
12		1(N08)	ONE-N8
13		1(N08~b)	ONE-N8-B
14		1(N08@f)	ONE-N8 FLAT
15		1(N09)	ONE-N9
16		1(N11)	ONE-N11
17		1(N12)	ONE-N12
18		1(N14)	ONE-N14
19		1(N14@f)	ONE-N14 FLAT
20		1(N15)	ONE-N15
21		1(N16)	ONE-N16
22		1(N17)	ONE-N17
23		1(N18)	ONE-N18
24		1(N19)	ONE-N19
25		1(N19@f)	ONE-N19 FLAT
26		1(N20)	ONE-N20

#	Glyph	CDLI Name	Unicode Name
27		1(N22)	ONE-N22
28		1(N22@f)	ONE-N22 FLAT
29		1(N23)	ONE-N23
30		1(N24)	ONE-N24
31		1(N24~a)	ONE-N24-A
32		1(N24~b)	ONE-N24-B
33		1(N24@f)	ONE-N24 FLAT
34		1(N25)	ONE-N25
35		1(N26)	ONE-N26
35.1		1(N26)	ONE-N26 VARIANT 1
36		1(N26~b)	ONE-N26-B
37		1(N27)	ONE-N27
37.1		1(N27)	ONE-N27 VARIANT 1
38		1(N28)	ONE-N28
39		1(N28~b)	ONE-N28-B
40		1(N28~c)	ONE-N28-C
41		1(N29~a)	ONE-N29-A
41.1		1(N29~a)	ONE-N29-A VARIANT 1
42		1(N29~b)	ONE-N29-B
43		1(N29A~b)	ONE-N29A-B
44		1(N29A~c)	ONE-N29A-C

#	Glyph	CDLI Name	Unicode Name
45		1(N30~a)	ONE-N30-A
45.1		1(N30~a)	ONE-N30-A VARIANT 1
46		1(N30~c)	ONE-N30-C
47		1(N30~d)	ONE-N30-D
48		1(N30~e)	ONE-N30-E
49		1(N30A~c)	ONE-N30A-C
50		1(N30C~b)	ONE-N30C-B
51		1(N30C~c)	ONE-N30C-C
52		1(N31)	ONE-N31
53		1(N32)	ONE-N32
54		1(N33)	ONE-N33
55		1(N34)	ONE-N34
56		1(N34@f)	ONE-N34 FLAT
57		1(N34@f@t) Correction for CDLI name: 1(N34F@t)	ONE-N34 FLAT TENU
58		1(N35)	ONE-N35
59		1(N36)	ONE-N36
60		1(N36@f)	ONE-N36 FLAT
61		1(N37)	ONE-N37
62		1(N38)	ONE-N38
63		1(N39~a)	ONE-N39-A
64		1(N39~b)	ONE-N39-B

#	Glyph	CDLI Name	Unicode Name
65		1(N40)	ONE-N40
66		1(N41)	ONE-N41
67		1(N42~a)	ONE-N42-A
68		1(N42~b)	ONE-N42-B
69		1(N43)	ONE-N43
70		1(N44)	ONE-N44
71		1(N45)	ONE-N45
72		1(N45~a)	ONE-N45-A
73		1(N45@f)	ONE-N45 FLAT
74		1(N46)	ONE-N46
75		1(N46@f)	ONE-N46 FLAT
76		1(N47)	ONE-N47
77		1(N48)	ONE-N48
78		1(N48@f)	ONE-N48 FLAT
79		1(N49)	ONE-N49
80		1(N50)	ONE-N50
81		1(N51)	ONE-N51
82		1(N51@f)	ONE-N51 FLAT
83		1(N52)	ONE-N52
84		1(N54)	ONE-N54
85		1(N55)	ONE-N55

#	Glyph	CDLI Name	Unicode Name
86	●	1(N56)	ONE-N56
87	—	1(N57)	ONE-N57
88		1(N58)	ONE-N58
89	↘	1(N58@t)	ONE-N58 TENU
90	⌘	1(N60)	ONE-N60
91	⌘	1(N63)	ONE-N63
92	⌘	2(N01)	TWO-N1
93	⌘	2(N01@f)	TWO-N1 FLAT
94	⌘	2(N02)	TWO-N2
95	⌘	2(N03)	TWO-N3
96	⌘	2(N04)	TWO-N4
97	⌘	2(N04@f)	TWO-N4 FLAT
98	⌘	2(N05)	TWO-N5
99	⌘	2(N07~a)	TWO-N7-A
100	⌘	2(N07~b)	TWO-N7-B
101	⌘	2(N08)	TWO-N8
102	⌘	2(N08~b)	TWO-N8-B
103	●●	2(N14)	TWO-N14
104	■	2(N14@f)	TWO-N14 FLAT
105	●●	2(N15)	TWO-N15
106	●●	2(N18)	TWO-N18

#	Glyph	CDLI Name	Unicode Name
107		2(N19)	TWO-N19
108		2(N19@f)	TWO-N19 FLAT
109		2(N20)	TWO-N20
110		2(N21)	TWO-N21
111		2(N22)	TWO-N22
112		2(N22@f)	TWO-N22 FLAT
113		2(N23)	TWO-N23
114		2(N24)	TWO-N24
115		2(N29~a)	TWO-N29-A
116		2(N29A~b)	TWO-N29A-B
117		2(N34)	TWO-N34
118		2(N34@f)	TWO-N34 FLAT
119		2(N35)	TWO-N35
120		2(N36)	TWO-N36
121		2(N37)	TWO-N37
122		2(N39~a)	TWO-N39-A
123		2(N39~b)	TWO-N39-B

#	Glyph	CDLI Name	Unicode Name
124		2(N40)	TWO-N40
125		2(N41)	TWO-N41
126		2(N42~a)	TWO-N42-A
127		2(N42~b)	TWO-N42-B
128		2(N45)	TWO-N45
129		2(N45@f)	TWO-N45 FLAT
130		2(N46)	TWO-N46
131		2(N46@f)	TWO-N46 FLAT
132		2(N47)	TWO-N47
133		2(N48)	TWO-N48
134		2(N49)	TWO-N49
135		2(N50)	TWO-N50
136		2(N51)	TWO-N51
137		2(N51@f)	TWO-N51 FLAT

#	Glyph	CDLI Name	Unicode Name
138		2(N52)	TWO-N52
139		2(N54)	TWO-N54
140		2(N56)	TWO-N56
141		2(N57)	TWO-N57
142		2(N58)	TWO-N58
143		2(N59)	TWO-N59
144		2(LAGAB~a)	TWO-LAGAB-A
145		3(N01)	THREE-N1
146		3(N01@f)	THREE-N1 FLAT
147		3(N02)	THREE-N2
148		3(N03)	THREE-N3
149		3(N04)	THREE-N4
150		3(N04@f)	THREE-N4 FLAT
151		3(N05)	THREE-N5
152		3(N07~a)	THREE-N7-A
153		3(N07~b)	THREE-N7-B
154		3(N08)	THREE-N8
155		3(N08~b)	THREE-N8-B
156		3(N14)	THREE-N14
157		3(N14@f)	THREE-N14 FLAT

#	Glyph	CDLI Name	Unicode Name
158		3(N15)	THREE-N15
159		3(N18)	THREE-N18
160		3(N19)	THREE-N19
161		3(N19@f)	THREE-N19 FLAT
162		3(N20)	THREE-N20
163		3(N21)	THREE-N21
164		3(N23)	THREE-N23
165		3(N34)	THREE-N34
166		3(N34@f)	THREE-N34 FLAT
167		3(N36)	THREE-N36
168		3(N39~a)	THREE-N39-A
169		3(N39~b)	THREE-N39-B
170		3(N40)	THREE-N40
171		3(N41)	THREE-N41
172		3(N42~a)	THREE-N42-A
173		3(N42~b)	THREE-N42-B
174		3(N45)	THREE-N45
175		3(N45@f)	THREE-N45 FLAT

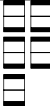
#	Glyph	CDLI Name	Unicode Name
176		3(N46)	THREE-N46
177		3(N47)	THREE-N47
178		3(N48)	THREE-N48
179		3(N49)	THREE-N49
180		3(N50)	THREE-N50
181		3(N51)	THREE-N51
182		3(N51@f)	THREE-N51 FLAT
183		3(N52)	THREE-N52
184		3(N53)	THREE-N53
185		3(N54)	THREE-N54
186		3(N57)	THREE-N57
187		3(N58)	THREE-N58
188		3(N59)	THREE-N59
189		3(N61)	THREE-N61
190		4(N01)	FOUR-N1
191		4(N01@f)	FOUR-N1 FLAT
192		4(N02)	FOUR-N2

#	Glyph	CDLI Name	Unicode Name
193		4(N03)	FOUR-N3
194		4(N04)	FOUR-N4
195		4(N04@f)	FOUR-N4 FLAT
196		4(N05)	FOUR-N5
197		4(N08)	FOUR-N8
198		4(N08~b)	FOUR-N8-B
199		4(N08~c)	FOUR-N8-C
200		4(N14)	FOUR-N14
201		4(N14@f)	FOUR-N14 FLAT
202		4(N15)	FOUR-N15
203		4(N18)	FOUR-N18
204		4(N19)	FOUR-N19
205		4(N19@f)	FOUR-N19 FLAT
206		4(N20)	FOUR-N20
207		4(N21)	FOUR-N21
208		4(N24)	FOUR-N24
209		4(N34)	FOUR-N34
210		4(N34@f)	FOUR-N34 FLAT
211		4(N36)	FOUR-N36

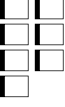
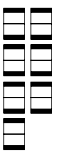
#	Glyph	CDLI Name	Unicode Name
212		4(N39~a)	FOUR-N39-A
213		4(N39~b)	FOUR-N39-B
214		4(N40)	FOUR-N40
215		4(N41)	FOUR-N41
216		4(N42~a)	FOUR-N42-A
217		4(N42~b)	FOUR-N42-B
218		4(N43)	FOUR-N43
219		4(N45)	FOUR-N45
220		4(N45@f)	FOUR-N45 FLAT
221		4(N48)	FOUR-N48
222		4(N49)	FOUR-N49
223		4(N50)	FOUR-N50
224		4(N51)	FOUR-N51
225		4(N51@f)	FOUR-N51 FLAT

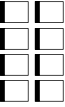
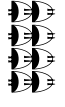
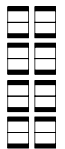
#	Glyph	CDLI Name	Unicode Name
226		4(N52)	FOUR-N52
227		4(N54)	FOUR-N54
228		4(N57)	FOUR-N57
229		4(N58)	FOUR-N58
230		4(N59)	FOUR-N59
231		4(N62)	FOUR-N62
232		4(LAGAB~a)	FOUR-LAGAB-A
233		5(N01)	FIVE-N1
234		5(N01@f)	FIVE-N1 FLAT
235		5(N02)	FIVE-N2
236		5(N03)	FIVE-N3
237		5(N04)	FIVE-N4
238		5(N04@f)	FIVE-N4 FLAT
239		5(N05)	FIVE-N5
240		5(N08)	FIVE-N8
241		5(N14)	FIVE-N14
241.1		5(N14)	FIVE-N14 VARIANT 1
242		5(N14@f)	FIVE-N14 FLAT
243		5(N15)	FIVE-N15
244		5(N18)	FIVE-N18

#	Glyph	CDLI Name	Unicode Name
245		5(N19)	FIVE-N19
246		5(N19@f)	FIVE-N19 FLAT
247		5(N20)	FIVE-N20
248		5(N21)	FIVE-N21
249		5(N23)	FIVE-N23
250		5(N34)	FIVE-N34
251		5(N34@f)	FIVE-N34 FLAT
252		5(N35)	FIVE-N35
253		5(N36)	FIVE-N36
254		5(N45)	FIVE-N45
255		5(N45@f)	FIVE-N45 FLAT
256		5(N48)	FIVE-N48
257		5(N49)	FIVE-N49
258		5(N50)	FIVE-N50
259		5(N51)	FIVE-N51

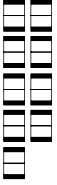
#	Glyph	CDLI Name	Unicode Name
260		5(N51@f)	FIVE-N51 FLAT
261		5(N52)	FIVE-N52
262		5(N54)	FIVE-N54
263		5(N57)	FIVE-N57
264		5(N58)	FIVE-N58
265		6(N01)	SIX-N1
266		6(N01@f)	SIX-N1 FLAT
267		6(N02)	SIX-N2
268		6(N08)	SIX-N8
269		6(N14)	SIX-N14
269.1		6(N14)	SIX-N14 VARIANT 1
270		6(N14@f)	SIX-N14 FLAT
271		6(N18)	SIX-N18
272		6(N19)	SIX-N19
273		6(N19@f)	SIX-N19 FLAT
274		6(N20)	SIX-N20
275		6(N21)	SIX-N21
276		6(N24)	SIX-N24
277		6(N34)	SIX-N34

#	Glyph	CDLI Name	Unicode Name
278		6(N34@f)	SIX-N34 FLAT
279		6(N36)	SIX-N36
280		6(N45)	SIX-N45
281		6(N45@f)	SIX-N45 FLAT
282		6(N48)	SIX-N48
283		6(N51)	SIX-N51
284		6(N51@f)	SIX-N51 FLAT
285		6(N57)	SIX-N57
285.1		6(N57)	SIX-N57 VARIANT 1
286		6(LAGAB~a)	SIX-LAGAB-A
287		7(N01)	SEVEN-N1
288		7(N01@f)	SEVEN-N1 FLAT
289		7(N02)	SEVEN-N2
290		7(N08)	SEVEN-N8
291		7(N14)	SEVEN-N14
292		7(N14@f)	SEVEN-N14 FLAT
293		7(N18)	SEVEN-N18
294		7(N19)	SEVEN-N19

#	Glyph	CDLI Name	Unicode Name
295		7(N19@f)	SEVEN-N19 FLAT
296		7(N20)	SEVEN-N20
297		7(N23)	SEVEN-N23
298		7(N34)	SEVEN-N34
299		7(N34@f)	SEVEN-N34 FLAT
300		7(N36)	SEVEN-N36
301		7(N45)	SEVEN-N45
302		7(N45@f)	SEVEN-N45 FLAT
303		7(N48)	SEVEN-N48
304		7(N51)	SEVEN-N51
305		7(N51@f)	SEVEN-N51 FLAT
306		7(N57)	SEVEN-N57
307		8(N01)	EIGHT-N1
308		8(N01@f)	EIGHT-N1 FLAT
309		8(N02)	EIGHT-N2
310		8(N08)	EIGHT-N8

#	Glyph	CDLI Name	Unicode Name
311		8(N14)	EIGHT-N14
312		8(N14@f)	EIGHT-N14 FLAT
313		8(N18)	EIGHT-N18
314		8(N19)	EIGHT-N19
315		8(N19@f)	EIGHT-N19 FLAT
316		8(N20)	EIGHT-N20
317		8(N34)	EIGHT-N34
318		8(N34@f)	EIGHT-N34 FLAT
319		8(N36)	EIGHT-N36
320		8(N45@f)	EIGHT-N45 FLAT
321		8(N51)	EIGHT-N51
322		8(N51@f)	EIGHT-N51 FLAT
323		8(N57)	EIGHT-N57
324		8(N58)	EIGHT-N58
325		9(N01)	NINE-N1
325.1		9(N01)	NINE-N1 VARIANT 1

#	Glyph	CDLI Name	Unicode Name
326		9(N01@f)	NINE-N1 FLAT
327		9(N02)	NINE-N2
328		9(N08)	NINE-N8
329		9(N14)	NINE-N14
330		9(N14@f)	NINE-N14 FLAT
331		9(N18)	NINE-N18
331.1		9(N18)	NINE-N18 VARIANT 1
332		9(N19)	NINE-N19
332.1		9(N19)	NINE-N19 VARIANT 1
333		9(N19@f)	NINE-N19 FLAT
334		9(N20)	NINE-N20
335		9(N34)	NINE-N34
336		9(N34@f)	NINE-N34 FLAT
337		9(N36)	NINE-N36
338		9(N45)	NINE-N45

#	Glyph	CDLI Name	Unicode Name
339		9(N45@f)	NINE-N45 FLAT
340		9(N51@f)	NINE-N51 FLAT
341		9(N57)	NINE-N57
342		9(N58)	NINE-N58
343		10(N01)	TEN-N1
344		10(N14)	TEN-N14
345		10(N14@f)	TEN-N14 FLAT
346		10(N57)	TEN-N57
347		10(N58)	TEN-N58
348		12(N14)	TWELVE-N14
349		12(N58)	TWELVE-N58

6.2 Individual ideographic signs

#	Glyph	CDLI Name	Unicode Name
350		A	A
351		A@t	A TENU
352		A@g	A GUNU
353		A2	A2
354		AB~a	AB-A

#	Glyph	CDLI Name	Unicode Name
354.1		AB~a	AB-A VARIANT 1
355		AB~a@g	AB-A GUNU
356		AB~b	AB-B
357		AB2	AB2
357.1		AB2	AB2 VARIANT 1
358		ABGAL = NUN~a.ME~a	ABGAL
358.1		ABGAL	ABGAL VARIANT 1
359		ABRIG = (DU.ME~a)&NUN~a.ABZU	ABRIG
360		ABZU = ZU.AB~a	ABZU
361		AD~a	AD-A
362		AD~b	AD-B
363		AD~c	AD-C
364		ADAB	ADAB
365		ADDA	ADDA
366		ADDA@t-2	ADDA TENU-2
367		AGAR2	AGAR2
368		AK~a	AK-A
369		AK~b	AK-B
370		AL	AL
371		ALAN~a	ALAN-A

#	Glyph	CDLI Name	Unicode Name
372		ALAN~b	ALAN-B
373		ALAN~c	ALAN-C
374		ALAN~d	ALAN-D
375		ALAN~e	ALAN-E
376		ALAN~f	ALAN-F
377		ALIM	ALIM
378		AM~a	AM-A
379		AM~b	AM-B
380		AMA~a = GA2~b x AN	AMA-A
380.1		AMA~a	AMA-A VARIANT 1
381		AMA~b	AMA-B
382		AMAR	AMAR
382.1		AMAR	AMAR VARIANT 1
382.2		AMAR	AMAR VARIANT 2
383		AMAR@g	AMAR GUNU
384		AN	AN
384.1		AN	AN VARIANT 1
384.2		AN	AN VARIANT 2
385		ANSZE~a	ANSHE-A
386		ANSZE~b	ANSHE-B
387		ANSZE~c	ANSHE-C

#	Glyph	CDLI Name	Unicode Name
388		ANSZE~e	ANSHE-E
389		ANZU2 = AN.IM~a.GI6	ANZU2
390		APIN~a	APIN-A
391		APIN~b	APIN-B
392		APIN~c	APIN-C
393		ARARMA2~a = U4.AB~a	ARARMA2-A
393.1		ARARMA2~a	ARARMA2-A VARIANT 1
394		ARARMA2~b = U4.AB~b	ARARMA2-B
395		ARATTA = 3(N57).LAM~b.SZURUPPAK~a	ARATTA
396		ASAL2	ASAL2
397		ASAR	ASAR
398		ASZ2	ASH2
399		AZ	AZ
400		AZU	AZU
401		BA	BA
402		BAD	BAD
403		BAD3~a = EZEN~ax1(N57)	BAD3-A
404		BAD3~b1	BAD3-B1

#	Glyph	CDLI Name	Unicode Name
= EZEN~axAN			
405		BAD3~b2	BAD3-B2
= EZEN~bxAN			
406		BAHAR2~a	BAHAR2-A
406.1		BAHAR2~a	BAHAR2-A VARIANT 1
407		BAHAR2~b	BAHAR2-B
407.1		BAHAR2~b	BAHAR2-B VARIANT 1
408		BAHAR2~c	BAHAR2-C
409		BALA~a	BALA-A
410		BALA~b	BALA-B
410.1		BALA~b	BALA-B VARIANT 1
411		BALAG	BALAG
411.1		BALAG	BALAG VARIANT 1
412		BAN~a	BAN-A
412.1		BAN~a	BAN-A VARIANT 1
412.2		BAN~a	BAN-A VARIANT 2
413		BAN~b	BAN-B
414		BANSZUR~a	BANSHUR-A
415		BANSZUR~a@t	BANSHUR-A TENU
416		BANSZUR~b1	BANSHUR-B1
417		BANSZUR~b2	BANSHUR-B2
418		BANSZUR~c	BANSHUR-C

#	Glyph	CDLI Name	Unicode Name
419		BAPPIR~a	BAPPIR-A
420		BAPPIR~b	BAPPIR-B
421		BAPPIR~c	BAPPIR-C
422		BAPPIR~d	BAPPIR-D
423		BAPPIR~e	BAPPIR-E
424		BAPPIR~f	BAPPIR-F
425		BAR	BAR
426		BARA2~a	BARA2-A
426.1		BARA2~a	BARA2-A VARIANT 1
427		BARA2~b	BARA2-B
427.1		BARA2~b	BARA2-B VARIANT 1
428		BARA3	BARA3
429		BIR~a	BIR-A
430		BIR~b	BIR-B
431		BIR~c	BIR-C
432		BIR3~a	BIR3-A
432.1		BIR3~a	BIR3-A VARIANT 1
433		BIR3~b	BIR3-B
433.1		BIR3~b	BIR3-B VARIANT 1
434		BIR3~c	BIR3-C
435		BU~a	BU-A

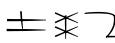
#	Glyph	CDLI Name	Unicode Name
435.1		BU~a	BU-A VARIANT 1
436		BU~b	BU-B
437		BU3	BU3
438		BULUG	BULUG
439		BULUG3	BULUG3
440		BUR~a	BUR-A
441		BUR~b	BUR-B
442		BUR~c	BUR-C
443		BUR~d	BUR-D
444		BUR2	BUR2
445		DA~a	DA-A
446		DA~b	DA-B
447		DA~c	DA-C
448		DA~d	DA-D
449		DAG	DAG
450		DAH = MU&MU	DAH
451		DAM	DAM
452		DANNA = BU . KASKAL	DANNA
453		DAR~a	DAR-A
454		DAR~b	DAR-B

#	Glyph	CDLI Name	Unicode Name
455		DAR~c	DAR-C
456		DAR~d	DAR-D
457		DARA3~a	DARA3-A
458		DARA3~b	DARA3-B
459		DARA3~c	DARA3-C
459.1		DARA3~c	DARA3-C VARIANT 1
460		DARA3~d	DARA3-D
461		DARA4~a1	DARA4-A1
462		DARA4~a2	DARA4-A2
463		DARA4~a3	DARA4-A3
464		DARA4~b	DARA4-B
465		DARA4~c1	DARA4-C1
466		DARA4~c2	DARA4-C2
467		DARA4~c3	DARA4-C3
468		DARA4~c4	DARA4-C4
469		DARA4~c5	DARA4-C5
470		DI	DI
471		DI@t	DI TENU
472		DIB	DIB
472.1		DIB	DIB VARIANT 1
473		DILMUN	DILMUN

#	Glyph	CDLI Name	Unicode Name
473.1		DILMUN	DILMUN VARIANT 1
473.2		DILMUN	DILMUN VARIANT 2
474		DIM~a	DIM-A
475		DIM~b	DIM-B
476		DIM~c	DIM-C
477		DIN	DIN
478		DIN@t	DIN TENU
479		DU	DU
480		DU@g	DU GUNU
481		DU6~a	DU6-A
481.1		DU6~a	DU6-A VARIANT 1
482		DU6~b	DU6-B
483		DU6~c	DU6-C
484		DU7	DU7
485		DU8~a	DU8-A
486		DU8~b	DU8-B
486.1		DU8~b	DU8-B VARIANT 1
487		DU8~c	DU8-C
488		DU8~c@g	DU8-C GUNU
488.1		DU8~c@g	DU8-C GUNU VARIANT 1
489		DUB~a	DUB-A

#	Glyph	CDLI Name	Unicode Name
490		DUB~b	DUB-B
490.1		DUB~b	DUB-B VARIANT 1
490.2		DUB~b	DUB-B VARIANT 2
490.3		DUB~b	DUB-B VARIANT 3
490.4		DUB~b	DUB-B VARIANT 4
491		DUB~c	DUB-C
492		DUB~d	DUB-D
493		DUB~e	DUB-E
494		DUB~f	DUB-F
495		DUB2	DUB2
496		DUG~a	DUG-A
496.1		DUG~a	DUG-A VARIANT 1
496.2		DUG~a	DUG-A VARIANT 2
497		DUG~b	DUG-B
497.1		DUG~b	DUG-B VARIANT 1
498		DUG~c	DUG-C
498.1		DUG~c	DUG-C VARIANT 1
499		DUG~c@t	DUG-C TENU
500		DUG~d	DUG-D
501		DUGUD	DUGUD
502		DUR~a	DUR-A

#	Glyph	CDLI Name	Unicode Name
503		DUR~b	DUR-B
504		DUR2	DUR2
505		E~a	E-A
506		E~b	E-B
507		E~c	E-C
508		E~d	E-D
509		E~e	E-E
510		E2~a	E2-A
511		E2~b	E2-B
512		E2~c	E2-C
513		E2~d	E2-D
514		E3~a = DU . U4	E3-A
515		E3~b = DUxU4	E3-B
516		EDIN	EDIN
517		EN~a	EN-A
517.1		EN~a	EN-A VARIANT 1
517.2		EN~a	EN-A VARIANT 2
517.3		EN~a	EN-A VARIANT 3
518		EN~b	EN-B
518.1		EN~b	EN-B VARIANT 1

#	Glyph	CDLI Name	Unicode Name
519		EN~b@t	EN-B TENU
520		EN~c	EN-C
520.1		EN~c	EN-C VARIANT 1
521		EN~e	EN-E
522		EN@g~a	EN GUNU-A
523		EN@g~b	EN GUNU-B
524		EN2	EN2
525		ENDIB	ENDIB = (EN~a.ME~a)xMU
526		ENGIZ	ENGIZ = (EN~a.ME~a)xGI
527		ENKUM	ENKUM = EN~a.(EZEN~bxSZE~a)x(NUN~a.ME~a).SIG7
527.1		ENKUM	ENKUM VARIANT 1
528		ENLIL	ENLIL = EN~a.KID~a
529		ENSI	ENSI = (ME~a.EN~a)xLI
530		ENSI2	ENSI2 = PA~a.NAB.SI
531		ERIM~a	ERIM-A
532		ERIM~b1	ERIM-B1
533		ERIM~b2	ERIM-B2
534		ERIM2	ERIM2

#	Glyph	CDLI Name	Unicode Name
535		ERIN	ERIN
536		ESZDA	ESHDA
537		ESZGAR	ESHGAR
538		EZEN~a	EZEN-A
538.1		EZEN~a	EZEN-A VARIANT 1
539		EZEN~b	EZEN-B
540		EZEN~b@t	EZEN-B TENU
541		EZEN~c	EZEN-C
542		EZINU~a	EZINU-A
543		EZINU~b	EZINU-B
544		EZINU~c	EZINU-C
545		EZINU~d	EZINU-D
546		GA~a	GA-A
546.1		GA~a	GA-A VARIANT 1
546.2		GA~a	GA-A VARIANT 2
546.3		GA~a	GA-A VARIANT 3
546.4		GA~a	GA-A VARIANT 4
547		GA~b	GA-B
548		GA~c	GA-C
549		GA2~a1	GA2-A1
550		GA2~a2	GA2-A2

#	Glyph	CDLI Name	Unicode Name
551		GA2~a3	GA2-A3
552		GA2~a4	GA2-A4
553		GA2~b	GA2-B
554		GA2~c	GA2-C
555		GA'AR~a1	GAAR-A1
556		GA'AR~a2	GAAR-A2
557		GA'AR~b1	GAAR-B1
558		GA'AR~b2	GAAR-B2
559		GADA~a	GADA-A
560		GADA~b	GADA-B
561		GADA~b@g	GADA-B GUNU
562		GAL~a	GAL-A
563		GAL~b	GAL-B
564		GALGA~a	GALGA-A
565		GALGA~b	GALGA-B
566		GAN~a	GAN-A
566.1		GAN~a	GAN-A VARIANT 1
567		GAN~b	GAN-B
567.1		GAN~b	GAN-B VARIANT 1
567.2		GAN~b	GAN-B VARIANT 2
567.3		GAN~b	GAN-B VARIANT 3

#	Glyph	CDLI Name	Unicode Name
568		GAN~c	GAN-C
568.1		GAN~c	GAN-C VARIANT 1
569		GAN~d	GAN-D
570		GAN2	GAN2
571		GAR	GAR
572		GAR@g~a	GAR GUNU-A
573		GAR@g~b	GAR GUNU-B
574		GAR@g~c	GAR GUNU-C
575		GAR3	GAR3
576		GARA2~a	GARA2-A
577		GARA2~b	GARA2-B
578		GAZI	GAZI
579		GESZTIN~a	GESHTIN-A
580		GESZTIN~c	GESHTIN-C
581		GESZTU~a	GESHTU-A
581.1		GESZTU~a	GESHTU-A VARIANT 1
581.2		GESZTU~a	GESHTU-A VARIANT 2
582		GESZTU~b	GESHTU-B
583		GESZTU~c3	GESHTU-C3
583.1		GESZTU~c3	GESHTU-C3 VARIANT 1
584		GESZTU~c5	GESHTU-C5

#	Glyph	CDLI Name	Unicode Name
585		GI	GI
585.1		GI	GI VARIANT 1
586		GI@t	GI TENU
587		GI4~a	GI4-A
588		GI4~b	GI4-B
589		GI6	GI6
589.1		GI6	GI6 VARIANT 1
590		GIBIL	GIBIL
591		GIBIL@t	GIBIL TENU
592		GIBIL6	GIBIL6
593		GIG = GI6.NUNUZ~c	GIG
594		GIL = GI%GI	GIL
595		GIR~a	GIR-A
596		GIR~b	GIR-B
596.1		GIR~b	GIR-B VARIANT 1
597		GIR~c	GIR-C
598		GIR~d	GIR-D
599		GIR2~a	GIR2-A
600		GIR2~b	GIR2-B
601		GIR3~a	GIR3-A

#	Glyph	CDLI Name	Unicode Name
602		GIR3~b	GIR3-B
603		GIR3~c	GIR3-C
604		GIR3@g~a	GIR3 GUNU-A
605		GIR3@g~b	GIR3 GUNU-B
606		GIR3@g~c	GIR3 GUNU-C
607		GIR4	GIR4
608		GISAL~a	GISAL-A
609		GISAL~b	GISAL-B
610		GISZ	GISH
611		GISZ~x	GISH-X
612		GISZ@t	GISH TENU
613		GISZ3~a	GISH3-A
614		GISZ3~b	GISH3-B
615		GISZGAL	GISHGAL
615.1		GISZGAL	GISHGAL VARIANT 1
616		GISZIMMAR~a1	GISHIMMAR-A1
617		GISZIMMAR~a2	GISHIMMAR-A2
618		GISZIMMAR~a3	GISHIMMAR-A3
619		GISZIMMAR~b1	GISHIMMAR-B1
619.1		GISZIMMAR~b1	GISHIMMAR-B1 VARIANT 1
619.2		GISZIMMAR~b1	GISHIMMAR-B1 VARIANT 2

#	Glyph	CDLI Name	Unicode Name
620		GISZIMMAR~b3	GISHIMMAR-B3
621		GIZZAL~x	GIZZAL-X
622		GU	GU
623		GU2	GU2
624		GU4	GU4
624.1		GU4	GU4 VARIANT 1
625		GU4@g	GU4 GUNU
626		GU7	GU7
626.1		GU7	GU7 VARIANT 1
627		GUB3~a	GUB3-A
628		GUB3~b	GUB3-B
629		GUB3~c	GUB3-C
630		GUB3~d	GUB3-D
631		GUG2	GUG2
631.1		GUG2	GUG2 VARIANT 1
632		GUG2@t	GUG2 TENU
633		GUKKAL~a	GUKKAL-A
634		GUKKAL~b	GUKKAL-B
635		GUKKAL~c	GUKKAL-C
636		GUKKAL~d	GUKKAL-D
637		GUL	GUL

#	Glyph	CDLI Name	Unicode Name
638		GUM~a	GUM-A
639		GUM~b	GUM-B
639.1		GUM~b	GUM-B VARIANT 1
640		GUM~b@n	GUM-B NUTILLU
640.1		GUM~b@n	GUM-B NUTILLU VARIANT 1
641		GUN3~a	GUN3-A
642		GUN3~b	GUN3-B
643		GUR	GUR
644		GURUSZ~a	GURUSH-A
644.1		GURUSZ~a	GURUSH-A VARIANT 1
645		GURUSZ~b	GURUSH-B
646		GURUSZDA	GURUSHDA
647		HAL	HAL
648		HALUB	HALUB
649		HASZHUR	HASHHUR
650		HI	HI
651		HI@g~a	HI GUNU-A
652		HI@g~b	HI GUNU-B
653		HI@g~c	HI GUNU-C
654		HUB2	HUB2
655		I	I

#	Glyph	CDLI Name	Unicode Name
656		IB~a	IB-A
657		IB~a@n	IB-A NUTILLU
658		IB~b	IB-B
659		IDIGNA	IDIGNA
659.1		IDIGNA	IDIGNA VARIANT 1
660		IG~a	IG-A
661		IG~b	IG-B
662		IGI	IGI
663		IL	IL
664		ILDUM~a	ILDUM-A
665		ILDUM~b	ILDUM-B
666		IM~a	IM-A
667		IM~a@g	IM-A GUNU
668		IM~b	IM-B
669		IN~b	IN-B
669.1		IN~b	IN-B VARIANT 1
670		IN~d	IN-D
671		IR~a	IR-A
672		IR~b	IR-B
673		IR~c	IR-C
674		IR~d	IR-D

#	Glyph	CDLI Name	Unicode Name
675		IR11	IR11
675.1		IR11	IR11 VARIANT 1
676		IRHAN	IRHAN
677		ISZ~a	ISH-A
677.1		ISZ~a	ISH-A VARIANT 1
678		ISZ~b	ISH-B
678.1		ISZ~b	ISH-B VARIANT 1
678.2		ISZ~b	ISH-B VARIANT 2
678.3		ISZ~b	ISH-B VARIANT 3
678.4		ISZ~b	ISH-B VARIANT 4
678.5		ISZ~b	ISH-B VARIANT 5
679		ISZ~c	ISH-C
680		KA~a	KA-A
681		KA2~a	KA2-A
682		KA2~b	KA2-B
683		KA2~c	KA2-C
684		KA2~d	KA2-D
685		KAB	KAB
686		KAD4~a	KAD4-A
687		KAD4~b	KAD4-B
688		KAD4~c1	KAD4-C1

#	Glyph	CDLI Name	Unicode Name
689		KAD4~c2	KAD4-C2
690		KAK~a	KAK-A
691		KAK~b	KAK-B
692		KAL~a	KAL-A
693		KAL~b1	KAL-B1
693.1		KAL~b1	KAL-B1 VARIANT 1
694		KAL~b2	KAL-B2
695		KALAM~a	KALAM-A
696		KALAM~b	KALAM-B
697		KALAM~c	KALAM-C
698		KALAM~d	KALAM-D
699		KALAM~e	KALAM-E
700		KALAM~f	KALAM-F
701		KAR	KAR
702		KAR2~a	KAR2-A
703		KAR2~b	KAR2-B
704		KASZ~a	KASH-A
704.1		KASZ~a	KASH-A VARIANT 1
705		KASZ~b	KASH-B
705.1		KASZ~b	KASH-B VARIANT 1
706		KASZ~b@t	KASH-B TENU

#	Glyph	CDLI Name	Unicode Name
707		KASZ~c	KASH-C
708		KASZ~d	KASH-D
709		KASKAL	KASKAL
710		KASKAL@g	KASKAL GUNU
711		KESZ2	KESH2
712		KI	KI
713		KI@n	KI NUTILLU
714		KIB	KIB
715		KIB@g	KIB GUNU
716		KID~a	KID-A
717		KID~b	KID-B
718		KID~c	KID-C
719		KID~d	KID-D
720		KID~e	KID-E
721		KIN	KIN
722		KIN2~a	KIN2-A
723		KIN2~c	KIN2-C
724		KIN2~d	KIN2-D
725		KIN2~e	KIN2-E
726		KINGAL = GAL~a+UKKIN~a	KINGAL
726.1		KINGAL	KINGAL VARIANT 1

#	Glyph	CDLI Name	Unicode Name
727		KIR11	KIR11
728		KISAL~a1	KISAL-A1
729		KISAL~a2	KISAL-A2
730		KISAL~b1	KISAL-B1
731		KISAL~b2	KISAL-B2
732		KISAL~b2@t	KISAL-B2 TENU
733		KISAL~b3	KISAL-B3
734		KISZ	KISH
734.1		KISZ	KISH VARIANT 1
735		KISZIK~a	KISHIK-A
736		KISZIK~b	KISHIK-B
737		KISIM~a	KISIM-A
738		KISIM~b	KISIM-B
738.1		KISIM~b	KISIM-B VARIANT 1
738.2		KISIM~b	KISIM-B VARIANT 2
738.3		KISIM~b	KISIM-B VARIANT 3
739		KISIM~c	KISIM-C
740		KITI	KITI
740.1		KITI	KITI VARIANT 1
741		KU~a	KU-A
742		KU~a@t	KU-A TENU

#	Glyph	CDLI Name	Unicode Name
743		KU~b1	KU-B1
744		KU~b2	KU-B2
745		KU3~a	KU3-A
746		KU3~c	KU3-C
747		KU6~a	KU6-A
748		KU6~a@s	KU6-A SHESSHIG
749		KU6~c	KU6-C
750		KU6~d	KU6-D
751		KUN	KUN
752		KUR~a	KUR-A
753		KUR~b	KUR-B
754		KUR~c	KUR-C
754.1		KUR~c	KUR-C VARIANT 1
755		KUR~d	KUR-D
756		KUR@g~a	KUR GUNU-A
757		KUR@g~b	KUR GUNU-B
758		KUSZU2~a	KUSHU2-A
759		KUSZU2~b	KUSHU2-B
760		KUSZU2~c	KUSHU2-C
761		KUSZU2~d	KUSHU2-D
762		KUSZU2~e	KUSHU2-E

#	Glyph	CDLI Name	Unicode Name
763		KUSZU2~f	KUSHU2-F
764		LA~b	LA-B
765		LA~c	LA-C
766		LA~d	LA-D
767		LA~e	LA-E
768		LA2	LA2
769		LAGAB~a	LAGAB-A
770		LAGAB~b	LAGAB-B
771		LAGAR~a	LAGAR-A
772		LAGAR~a@r	LAGAR-A REVERSED
773		LAGAR~b1	LAGAR-B1
774		LAGAR~b2	LAGAR-B2
775		LAGAR~c	LAGAR-C
776		LAHTAN2	LAHTAN2
777		LAK025	LAK025
778		LAK050	LAK050
779		LAK172	LAK172
780		LAK251	LAK251
781		LAK350	LAK350
782		LAK777	LAK777
783		LAL2~a	LAL2-A

#	Glyph	CDLI Name	Unicode Name
784		LAL2~b	LAL2-B
785		LAL3~a	LAL3-A
786		LAL3~b	LAL3-B
787		LAL3~c	LAL3-C
788		LAM~a	LAM-A
789		LAM~b	LAM-B
789.1		LAM~b	LAM-B VARIANT 1
789.2		LAM~b	LAM-B VARIANT 2
790		LAM~b@t	LAM-B TENU
791		LAM~b@s	LAM-B SHESSHIG
792		LAM~b@r	LAM-B REVERSED
793		LAM~c	LAM-C
794		LI	LI
794.1		LI	LI VARIANT 1
795		LISZ	LISH
796		LU2	LU2
796.1		LU2	LU2 VARIANT 1
796.2		LU2	LU2 VARIANT 2
797		LU2@t	LU2 TENU
798		LUGAL	LUGAL
798.1		LUGAL	LUGAL VARIANT 1

#	Glyph	CDLI Name	Unicode Name
799		LUM	LUM
800		MA	MA
800.1		MA	MA VARIANT 1
801		MA2	MA2
802		MAGUR~a	MAGUR-A
803		MAGUR~b	MAGUR-B
804		MAH~a	MAH-A
805		MAH~b	MAH-B
806		MAR~a	MAR-A
806.1		MAR~a	MAR-A VARIANT 1
807		MAR~a@t	MAR-A TENU
808		MAR~b	MAR-B
809		MASZ	MASH
810		MASZ2	MASH2
811		MASZ2@g	MASH2 GUNU
812		ME~a	ME-A
813		ME~b	ME-B
814		ME3	ME3
815		MEN~a	MEN-A
815.1		MEN~a	MEN-A VARIANT 1
816		MEN~b	MEN-B

#	Glyph	CDLI Name	Unicode Name
= GA2~a1xEN~b			
817		MES	MES
817.1		MES	MES VARIANT 1
818		MIR~a	MIR-A
819		MIR~b	MIR-B
820		MU	MU
821		MUD	MUD
821.1		MUD	MUD VARIANT 1
822		MUD3~a	MUD3-A
823		MUD3~a@g	MUD3-A GUNU
824		MUD3~b	MUD3-B
825		MUD3~c	MUD3-C
826		MUD3~d	MUD3-D
827		MUL	MUL
828		MUN~a1	MUN-A1
829		MUN~a2	MUN-A2
830		MUN~a3	MUN-A3
831		MUN~a4	MUN-A4
832		MUN~b	MUN-B
833		MUNSZUB~a	MUNSHUB-A
834		MUNSZUB~b	MUNSHUB-B
835		MUNU3	MUNU3

#	Glyph	CDLI Name	Unicode Name
836		MURUB2	MURUB2
837		MUSZ	MUSH
838		MUSZ3~a	MUSH3-A
838.1		MUSZ3~a	MUSH3-A VARIANT 1
838.2		MUSZ3~a	MUSH3-A VARIANT 2
839		MUSZ3~a@g	MUSH3-A GUNU
839.1		MUSZ3~a@g	MUSH3-A GUNU VARIANT 1
840		MUSZ3~b	MUSH3-B
841		MUSZEN	MUSHEN
842		NA~a	NA-A
843		NA~b	NA-B
844		NA~c	NA-C
845		NA~d	NA-D
846		NA2~a	NA2-A
846.1		NA2~a	NA2-A VARIANT 1
847		NA2~b1	NA2-B1
848		NA2~b2	NA2-B2
849		NAB = AN&AN	NAB
849.1		NAB	NAB VARIANT 1
849.2		NAB	NAB VARIANT 2
850		NAGA~a	NAGA-A

#	Glyph	CDLI Name	Unicode Name
851		NAGA~b	NAGA-B
852		NAGAR~a	NAGAR-A
852.1		NAGAR~a	NAGAR-A VARIANT 1
852.2		NAGAR~a	NAGAR-A VARIANT 2
852.3		NAGAR~a	NAGAR-A VARIANT 3
853		NAGAR~b	NAGAR-B
853.1		NAGAR~b	NAGAR-B VARIANT 1
854		NAM~a	NAM-A
855		NAM~b	NAM-B
856		NAM~c	NAM-C
857		NAM~d	NAM-D
858		NAM2	NAM2
859		NAM2@t	NAM2 TENU
860		NAM2@g	NAM2 GUNU
861		NAMESZDA = ESZDA.NAM2	NAMESHDA
861.1		NAMESZDA	NAMESHDA VARIANT 1
862		NANNA~a	NANNA-A
862.1		NANNA~a	NANNA-A VARIANT 1
863		NANNA~b	NANNA-B
864		NANSZE~a	NANSHE-A

#	Glyph	CDLI Name	Unicode Name
		= AB~axKU6~a	
865		NANSZE~b	NANSHE-B
		= AB~bxKU6~a	
866		NAR	NAR
867		NE~a	NE-A
867.1		NE~a	NE-A VARIANT 1
867.2		NE~a	NE-A VARIANT 2
868		NE~b	NE-B
869		NE~c	NE-C
870		NE~d	NE-D
871		NERGAL~x	NERGAL-X
872		NESAG2~a	NESAG2-A
872.1		NESAG2~a	NESAG2-A VARIANT 1
873		NESAG2~b	NESAG2-B
873.1		NESAG2~b	NESAG2-B VARIANT 1
874		NESAG2~b@t	NESAG2-B TENU
875		NI~a	NI-A
876		NI~a@g	NI-A GUNU
877		NI~b	NI-B
878		NI2	NI2
		= IM~bxA	
879		NIGIN	NIGIN

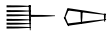
#	Glyph	CDLI Name	Unicode Name
880		NIM~a	NIM-A
881		NIM~b1	NIM-B1
882		NIM~b2	NIM-B2
883		NIM~b3	NIM-B3
884		NIMGIR	NIMGIR
884.1		NIMGIR	NIMGIR VARIANT 1
885		NIN	NIN
886		NINDA2	NINDA2
886.1		NINDA2	NINDA2 VARIANT 1
887		NINKUM	NINKUM
888		NINLIL	NINLIL
889		NIR~a = NUN~axNUN~a	NIR-A
890		NIR~b	NIR-B
891		NU	NU
892		NU@g	NU GUNU
893		NU11	NU11
894		NU11@t	NU11 TENU
895		NUMUN	NUMUN
896		NUMUN2	NUMUN2
897		NUN~a	NUN-A
898		NUN~b	NUN-B

#	Glyph	CDLI Name	Unicode Name
899		NUN~c	NUN-C
899.1		NUN~c	NUN-C VARIANT 1
899.2		NUN~c	NUN-C VARIANT 2
899.3		NUN~c	NUN-C VARIANT 3
900		NUN~d	NUN-D
901		NUNUZ~a0	NUNUZ-A0
902		NUNUZ~a1	NUNUZ-A1
		= NUNUZ~a0xNUNUZ~a0	
903		NUNUZ~a1@t	NUNUZ-A1 TENU
904		NUNUZ~a2	NUNUZ-A2
		= NUNUZ~a0xNUNUZ~a0xNUNUZ~a0	
905		NUNUZ~b1	NUNUZ-B1
906		NUNUZ~b2	NUNUZ-B2
907		NUNUZ~c	NUNUZ-C
907.1		NUNUZ~c	NUNUZ-C VARIANT 1
907.2		NUNUZ~c	NUNUZ-C VARIANT 2
907.3		NUNUZ~c	NUNUZ-C VARIANT 3
908		PA~a	PA-A
908.1		PA~a	PA-A VARIANT 1
908.2		PA~a	PA-A VARIANT 2
909		PA~b	PA-B
910		PA3	PA3

#	Glyph	CDLI Name	Unicode Name
911		PAD~a	PAD-A
912		PAD~b	PAD-B
913		PAP~a	PAP-A
914		PAP~a@t	PAP-A TENU
915		PAP~b	PAP-B
915.1		PAP~b	PAP-B VARIANT 1
916		PIRIG~a1	PIRIG-A1
917		PIRIG~a2	PIRIG-A2
918		PIRIG~a3	PIRIG-A3
919		PIRIG~b1	PIRIG-B1
920		PIRIG~b2	PIRIG-B2
921		PU2	PU2
922		RA	RA
923		RAD~a	RAD-A
924		RAD~a@t	RAD-A TENU
925		RAD~a@g	RAD-A GUNU
926		RAD~b	RAD-B
927		RI	RI
928		RI~x	RI-X
929		RI8~a	RI8-A
930		RI8~b	RI8-B

#	Glyph	CDLI Name	Unicode Name
931		RU	RU
931.1		RU	RU VARIANT 1
932		RU@t	RU TENU
933		SA~a	SA-A
934		SA~c	SA-C
934.1		SA~c	SA-C VARIANT 1
935		SAG	SAG
935.1		SAG	SAG VARIANT 1
935.2		SAG	SAG VARIANT 2
936		SAG@g	SAG GUNU
937		SAG@n	SAG NUTILLU
938		SAGSZU	SAGSHU
939		SAL	SAL
940		SANGA~a	SANGA-A
940.1		SANGA~a	SANGA-A VARIANT 1
940.2		SANGA~a	SANGA-A VARIANT 2
941		SANGA~b	SANGA-B
941.1		SANGA~b	SANGA-B VARIANT 1
942		SANGA~c	SANGA-C
943		SAR~a	SAR-A
944		SAR~b	SAR-B

#	Glyph	CDLI Name	Unicode Name
945		SAR~c	SAR-C
946		SZA	SHA
946.1		SZA	SHA VARIANT 1
946.2		SZA	SHA VARIANT 2
947		SZA@g	SHA GUNU
948		SZA3~a1	SHA3-A1
949		SZA3~a2	SHA3-A2
950		SZA3~b	SHA3-B
951		SZA3~c	SHA3-C
952		SZA3~d	SHA3-D
953		SZAB~a	SHAB-A
953.1		SZAB~a	SHAB-A VARIANT 1
954		SZAB~b	SHAB-B
954.1		SZAB~b	SHAB-B VARIANT 1
955		SZAGAN	SHAGAN
955.1		SZAGAN	SHAGAN VARIANT 1
956		SZAGINA	SHAGINA
957		SAH2~a	SHAH2-A
958		SAH2~b	SHAH2-B
959		SAH2~c	SHAH2-C
960		SZAKIR~a	SHAKIR-A

#	Glyph	CDLI Name	Unicode Name
961		SZAKIR~b	SHAKIR-B
962		SZAKIR~c	SHAKIR-C
963		SZAM2 = NINDA2xSZE~a	SHAM2
964		SZANDANA~a	SHANDANA-A
965		SZANDANA~b	SHANDANA-B
966		SZE~a	SHE-A
967		SZE~a@t	SHE-A TENU
968		SZE~b	SHE-B
969		SZE~c	SHE-C
970		SZE3	SHE3
970.1		SZE3	SHE3 VARIANT 1
971		SZE3@t	SHE3 TENU
971.1		SZE3@t	SHE3 TENU VARIANT 1
972		SZEG9	SHEG9
973		SZELU = SZE.GUG2	SHELU
974		SZEN~a	SHEN-A
974.1		SZEN~a	SHEN-A VARIANT 1
975		SZEN~b	SHEN-B
975.1		SZEN~b	SHEN-B VARIANT 1
976		SZEN~c	SHEN-C

#	Glyph	CDLI Name	Unicode Name
977		SZEN~c@t	SHEN-C TENU
978		SZEN~d	SHEN-D
978.1		SZEN~d	SHEN-D VARIANT 1
978.2		SZEN~d	SHEN-D VARIANT 2
979		SZEN~e	SHEN-E
980		SZENNUR~a	SHENNUR-A
981		SZENNUR~b	SHENNUR-B
982		SZESZ~a	SHESH-A
982.1		SZESZ~a	SHESH-A VARIANT 1
983		SZESZ~b	SHESH-B
984		SZIDIM	SHIDIM
985		SZIDIM@t	SHIDIM TENU
986		SZIM~a	SHIM-A
986.1		SZIM~a	SHIM-A VARIANT 1
986.2		SZIM~a	SHIM-A VARIANT 2
987		SZIM~b	SHIM-B
988		SZIR~a	SHIR-A
988.1		SZIR~a	SHIR-A VARIANT 1
989		SZIR~b	SHIR-B
989.1		SZIR~b	SHIR-B VARIANT 1
989.2		SZIR~b	SHIR-B VARIANT 2

#	Glyph	CDLI Name	Unicode Name
990		SZITA~a1	SHITA-A1
991		SZITA~a2	SHITA-A2
992		SZITA~a3	SHITA-A3
993		SZITA~b1	SHITA-B1
994		SZITA~b2	SHITA-B2
995		SZITA~b3	SHITA-B3
996		SZITA~c	SHITA-C
997		SZITA@g~a	SHITA GUNU-A
997.1		SZITA@g~a	SHITA GUNU-A VARIANT 1
998		SZITA@g~b	SHITA GUNU-B
999		SZU	SHU
1000		SZU@g	SHU GUNU
1001		SZU@s	SHU SHESSHIG
1002		SZU2	SHU2
1002.1		SZU2	SHU2 VARIANT 1
1003		SZU12	SHU12
1004		SZUBUR	SHUBUR
1005		SZUM	SHUM
1006		SZUR2~a	SHUR2-A
1007		SZUR2~b	SHUR2-B
1008		SZURUPPAK~a	SHURUPPAK-A

#	Glyph	CDLI Name	Unicode Name
1008.1		SZURUPPAK~a	SHURUPPAK-A VARIANT 1
1009		SZURUPPAK~b	SHURUPPAK-B
1009.1		SZURUPPAK~b	SHURUPPAK-B VARIANT 1
1010		SZURUPPAK~c	SHURUPPAK-C
1011		SI	SI
1011.1		SI	SI VARIANT 1
1012		SI4~a	SI4-A
1013		SI4~b	SI4-B
1014		SI4~c	SI4-C
1015		SI4~d	SI4-D
1015.1		SI4~d	SI4-D VARIANT 1
1016		SI4~f	SI4-F
1016.1		SI4~f	SI4-F VARIANT 1
1017		SIG	SIG
1018		SIG@g	SIG GUNU
1019		SIG2~a1	SIG2-A1
1020		SIG2~a2	SIG2-A2
1021		SIG2~a3	SIG2-A3
1021.1		SIG2~a3	SIG2-A3 VARIANT 1
1021.2		SIG2~a3	SIG2-A3 VARIANT 2
1022		SIG2~a4	SIG2-A4

#	Glyph	CDLI Name	Unicode Name
1023		SIG2~b	SIG2-B
1024		SIG2~c1	SIG2-C1
1025		SIG2~c2	SIG2-C2
1026		SIG2~d1	SIG2-D1
1027		SIG2~d2	SIG2-D2
1027.1		SIG2~d2	SIG2-D2 VARIANT 1
1028		SIG2~d3	SIG2-D3
1029		SIG2~d4	SIG2-D4
1030		SIG2~e	SIG2-E
1031		SIG4	SIG4
1032		SIG7	SIG7
1032.1		SIG7	SIG7 VARIANT 1
1033		SIKIL	SIKIL
1034		SILA3~a	SILA3-A
1035		SILA3~b	SILA3-B
1036		SILA3~c	SILA3-C
1037		SILA4~a	SILA4-A
1038		SILA4~b	SILA4-B
1039		SILA4~c	SILA4-C
1040		SILA4~d	SILA4-D
1041		SILANITA	SILANITA

#	Glyph	CDLI Name	Unicode Name
1042		SIMUG	SIMUG
1042.1		SIMUG	SIMUG VARIANT 1
1043		SIPA	SIPA
1044		SU~a	SU-A
1044.1		SU~a	SU-A VARIANT 1
1045		SU~b	SU-B
1046		SU3	SU3
1047		SUG	SUG
1048		SUG5	SUG5
1049		SUH3	SUH3
1050		SUHUR	SUHUR
1051		SUHUR@g	SUHUR GUNU
1052		SUHUR@n	SUHUR NUTILLU
1053		SUKKAL	SUKKAL
1054		SUKUD	SUKUD
1055		SUKUD@g~a	SUKUD GUNU-A
1056		SUKUD@g~b	SUKUD GUNU-B
1056.1		SUKUD@g~b	SUKUD GUNU-B VARIANT 1
1057		SUKUD@g~c	SUKUD GUNU-C
1058		SUKUD@g~d	SUKUD GUNU-D
1059		SUM~a	SUM-A

#	Glyph	CDLI Name	Unicode Name
1059.1		SUM~a	SUM-A VARIANT 1
1060		SUM~a@t	SUM-A TENU
1061		SUM~b = SZE~a@t+SZE~a@t	SUM-B
1062		SUMASZ	SUMASH
1063		SUR	SUR
1064		SUSA	SUSA
1065		TA~a	TA-A
1066		TA~b	TA-B
1067		TA~c	TA-C
1068		TA~d	TA-D
1069		TA~e	TA-E
1070		TA~f	TA-F
1071		TAG~a1	TAG-A1
1072		TAG~a1@t	TAG-A1 TENU
1073		TAG~a2	TAG-A2
1074		TAG~a3	TAG-A3
1075		TAG~a4	TAG-A4
1076		TAG~b	TAG-B
1077		TAG~c	TAG-C
1078		TAG~d	TAG-D
1079		TAK4~a	TAK4-A

#	Glyph	CDLI Name	Unicode Name
1079.1		TAK4~a	TAK4-A VARIANT 1
1080		TAK4~a@n	TAK4-A NUTILLU
1081		TAK4~c	TAK4-C
1082		TAR~a	TAR-A
1083		TAR~d	TAR-D
1084		TE	TE
1085		TI	TI
1085.1		TI	TI VARIANT 1
1086		TI@t	TI TENU
1087		TI@g	TI GUNU
1088		TI@r	TI REVERSED
1089		TIDNUM	TIDNUM
1090		TILLA2	TILLA2
1091		TU~a	TU-A
1092		TU~b	TU-B
1093		TU~c	TU-C
1094		TUG2~a	TUG2-A
1095		TUG2~a@g	TUG2-A GUNU
1095.1		TUG2~a@g	TUG2-A GUNU VARIANT 1
1096		TUG2~b	TUG2-B
1097		TUG2~c	TUG2-C

#	Glyph	CDLI Name	Unicode Name
1098	●	TUG2~d	TUG2-D
1099	𐎶	TUM~a	TUM-A
1100	𐎶𐎵	TUM~a@g	TUM-A GUNU
1101	𐎶	TUM~b	TUM-B
1102	𐎶𐎵	TUM~c	TUM-C
1103	𐎶	TUM~d	TUM-D
1104	𐎶𐎵	TUN3~a	TUN3-A
1105	𐎶𐎵	TUN3~b	TUN3-B
1106	𐎶	TUN3~c	TUN3-C
1107	𐎶	TUR	TUR
1107.1	𐎶	TUR	TUR VARIANT 1
1107.2	𐎶	TUR	TUR VARIANT 2
1107.3	𐎶	TUR	TUR VARIANT 3
1108	𐎶𐎵	TUR@g	TUR GUNU
1109	𐎶𐎵	TUR3~a	TUR3-A
1110	𐎶𐎵	TUR3~a@n	TUR3-A NUTILLU
1111	𐎶𐎵	TUR3~b	TUR3-B
1112	𐎶𐎵	TUR3~c	TUR3-C
1113	𐎶	U2~a	U2-A
1114	𐎶	U2~b	U2-B
1114.1	𐎶	U2~b	U2-B VARIANT 1

#	Glyph	CDLI Name	Unicode Name
1114.2		U2~b	U2-B VARIANT 2
1115		U2~c	U2-C
1116		U4	U4
1117		U4@t	U4 TENU
1118		U8	U8
1118.1		U8	U8 VARIANT 1
1118.2		U8	U8 VARIANT 2
1118.3		U8	U8 VARIANT 3
1119		UB	UB
1120		UBI~a	UBI-A
1121		UBI~c	UBI-C
1121.1		UBI~c	UBI-C VARIANT 1
1122		UD5~a	UD5-A
1122.1		UD5~a	UD5-A VARIANT 1
1122.2		UD5~a	UD5-A VARIANT 2
1123		UD5~a@g	UD5-A GUNU
1124		UD5~b	UD5-B
1125		UD5~c	UD5-C
1126		UDU~a	UDU-A
1127		UDU~b	UDU-B
1128		UDU~c	UDU-C

#	Glyph	CDLI Name	Unicode Name
1129		UDUNITA~a	UDUNITA-A
1130		UDUNITA~b	UDUNITA-B
1131		UDUNITA~c	UDUNITA-C
1132		UET2_405	UET2_405
1133		UH	UH
1134		UH3~a	UH3-A
1135		UH3~a@t	UH3-A TENU
1136		UH3~b	UH3-B
1137		UKKIN~a	UKKIN-A
1137.1		UKKIN~a	UKKIN-A VARIANT 1
1138		UKKIN~b	UKKIN-B
1138.1		UKKIN~b	UKKIN-B VARIANT 1
1139		UKKIN~c	UKKIN-C
1140		UMBIN~a	UMBIN-A
1141		UMBIN~b1	UMBIN-B1
1142		UMBIN~b2	UMBIN-B2
1143		UMBIN~c	UMBIN-C
1144		UMUN2	UMUN2
1144.1		UMUN2	UMUN2 VARIANT 1
1145		UNUG~a	UNUG-A
1145.1		UNUG~a	UNUG-A VARIANT 1

#	Glyph	CDLI Name	Unicode Name
1146		UNUG~a@s	UNUG-A SHESSHIG
1147		UNUG~b	UNUG-B
1148		UNUG~c	UNUG-C
1149		UR~a	UR-A
1150		UR~a@g	UR-A GUNU
1151		UR~b	UR-B
1152		UR~c	UR-C
1153		UR2	UR2
1154		UR3~a1	UR3-A1
1154.1		UR3~a1	UR3-A1 VARIANT 1
1155		UR3~a2	UR3-A2
1156		UR3~a3	UR3-A3
1157		UR3~b1	UR3-B1
1158		UR3~b2	UR3-B2
1159		UR4~a	UR4-A
1160		UR4~b	UR4-B
1161		UR4~c	UR4-C
1162		UR5~a	UR5-A
1163		UR5~b	UR5-B
1164		URI	URI
1165		URI2	URI2

#	Glyph	CDLI Name	Unicode Name
1166		URI3~a	URI3-A
1166.1		URI3~a	URI3-A VARIANT 1
1167		URI3~b	URI3-B
1168		URI5 = URI3.AB~a	URI5
1169		URU~a1	URU-A1
1170		URU~a1@n	URU-A1 NUTILLU
1171		URU~a2	URU-A2
1172		URU~b1	URU-B1
1173		URU~b2	URU-B2
1174		URU~c	URU-C
1175		URUDU~a	URUDU-A
1175.1		URUDU~a	URUDU-A VARIANT 1
1175.2		URUDU~a	URUDU-A VARIANT 2
1176		URUDU~c	URUDU-C
1177		URUDU~d	URUDU-D
1178		URUDU@g~a	URUDU GUNU-A
1179		URUDU@g~b	URUDU GUNU-B
1180		URUDU@g~c	URUDU GUNU-C
1181		URUDU@g~d	URUDU GUNU-D
1182		USZ~a	USH-A
1183		USZ~b	USH-B

#	Glyph	CDLI Name	Unicode Name
1183.1		USZ~b	USH-B VARIANT 1
1184		USZUMGAL	USHUMGAL
1185		USZUR3~a	USHUR3-A
1186		USZUR3~b1	USHUR3-B1
1187		USZUR3~b2	USHUR3-B2
1188		UTUA~a	UTUA-A
1189		UTUA~a@t	UTUA-A TENU
1190		UTUA~b	UTUA-B
1190.1		UTUA~b	UTUA-B VARIANT 1
1191		UTUL~a = AB.ZATU755~b	UTUL-A
1192		UTUL~b = AB&ZATU755~b	UTUL-B
1193		UTUL~c = AB.(ZATU755~b&ZATU755~b)	UTUL-C
1194		UTUL~d = ZATU755~b.AB	UTUL-D
1195		UZU	UZU
1196		ZA~x	ZA-X
1197		ZABALAM~a	ZABALAM-A
1198		ZABALAM~b	ZABALAM-B
1199		ZADIM	ZADIM
1200		ZAG~a	ZAG-A

#	Glyph	CDLI Name	Unicode Name
1200.1		ZAG~a	ZAG-A VARIANT 1
1201		ZAG~b	ZAG-B
1202		ZAG~c	ZAG-C
1203		ZAR~a	ZAR-A
1204		ZAR~b1	ZAR-B1
1205		ZAR~b2	ZAR-B2
1206		ZAR~c	ZAR-C
1207		ZATU620	ZATU620
1208		ZATU621~a	ZATU621-A
1209		ZATU621~b	ZATU621-B
1210		ZATU621~c	ZATU621-C
1211		ZATU621~d	ZATU621-D
1212		ZATU622	ZATU622
1213		ZATU623	ZATU623
1213.1		ZATU623	ZATU623 VARIANT 1
1213.2		ZATU623	ZATU623 VARIANT 2
1214		ZATU624~a	ZATU624-A
1215		ZATU624~b	ZATU624-B
1216		ZATU624~c	ZATU624-C
1217		ZATU625	ZATU625
1217.1		ZATU625	ZATU625 VARIANT 1

#	Glyph	CDLI Name	Unicode Name
1218		ZATU626~a	ZATU626-A
1219		ZATU626~b	ZATU626-B
1220		ZATU626~c	ZATU626-C
1221		ZATU627	ZATU627
1222		ZATU628~a	ZATU628-A
1222.1		ZATU628~a	ZATU628-A VARIANT 1
1223		ZATU628~b	ZATU628-B
1224		ZATU629	ZATU629
1224.1		ZATU629	ZATU629 VARIANT 1
1225		ZATU630	ZATU630
1226		ZATU631	ZATU631
1227		ZATU632~a	ZATU632-A
1227.1		ZATU632~a	ZATU632-A VARIANT 1
1228		ZATU632~b	ZATU632-B
1229		ZATU632~c	ZATU632-C
1230		ZATU633~a	ZATU633-A
1231		ZATU633~b	ZATU633-B
1232		ZATU634	ZATU634
1233		ZATU635	ZATU635
1234		ZATU636	ZATU636
1234.1		ZATU636	ZATU636 VARIANT 1

#	Glyph	CDLI Name	Unicode Name
1235		ZATU637	ZATU637
1236		ZATU639	ZATU639
1237		ZATU640	ZATU640
		Has a fragmentary or missing portion	
1238		ZATU641	ZATU641
1239		ZATU642	ZATU642
1240		ZATU643	ZATU643
		Has a fragmentary or missing portion	
1241		ZATU644~a	ZATU644-A
1242		ZATU644~b	ZATU644-B
1243		ZATU646	ZATU646
1244		ZATU647	ZATU647
1244.1		ZATU647	ZATU647 VARIANT 1
1245		ZATU648	ZATU648
1246		ZATU649	ZATU649
1246.1		ZATU649	ZATU649 VARIANT 1
1247		ZATU650	ZATU650
1248		ZATU651	ZATU651
1248.1		ZATU651	ZATU651 VARIANT 1
1248.2		ZATU651	ZATU651 VARIANT 2
1249		ZATU651@G	ZATU651 GUNU
1250		ZATU659	ZATU659

#	Glyph	CDLI Name	Unicode Name
1251		ZATU662	ZATU662
1251.1		ZATU662	ZATU662 VARIANT 1
1251.2		ZATU662	ZATU662 VARIANT 2
1251.3		ZATU662	ZATU662 VARIANT 3
1252		ZATU664	ZATU664
1253		ZATU665	ZATU665
1254		ZATU666	ZATU666
1255		ZATU667	ZATU667
1256		ZATU668	ZATU668
1257		ZATU669	ZATU669
1258		ZATU670 Has a fragmentary or missing portion	ZATU670
1259		ZATU672	ZATU672
1260		ZATU674	ZATU674
1261		ZATU675~a	ZATU675-A
1262		ZATU675~b	ZATU675-B
1262.1		ZATU675~b	ZATU675-B VARIANT 1
1263		ZATU675~c	ZATU675-C
1264		ZATU675~d	ZATU675-D
1265		ZATU676~a	ZATU676-A
1266		ZATU676~b	ZATU676-B
1267		ZATU677~a	ZATU677-A

#	Glyph	CDLI Name	Unicode Name
1268		ZATU677~b	ZATU677-B
1269		ZATU678	ZATU678
1270		ZATU679	ZATU679
1271		ZATU680~a1	ZATU680-A1
1272		ZATU680~a2	ZATU680-A2
1273		ZATU680~b	ZATU680-B
1273.1		ZATU680~b	ZATU680-B VARIANT 1
1274		ZATU680~d	ZATU680-D
1275		ZATU680~e	ZATU680-E
1276		ZATU681	ZATU681
1277		ZATU682	ZATU682
1278		ZATU683~a	ZATU683-A
1279		ZATU683~b	ZATU683-B
1280		ZATU683@t	ZATU683 TENU
1281		ZATU684	ZATU684
1282		ZATU685	ZATU685
1283		ZATU686~a	ZATU686-A
1284		ZATU686~b	ZATU686-B
1285		ZATU686~c	ZATU686-C
1286		ZATU687	ZATU687
1287		ZATU688~a	ZATU688-A

#	Glyph	CDLI Name	Unicode Name
1288		ZATU688~b	ZATU688-B
1289		ZATU689	ZATU689
1290		ZATU690	ZATU690
1291		ZATU691	ZATU691
1292		ZATU692	ZATU692
1293		ZATU693	ZATU693
1293.1		ZATU693	ZATU693 VARIANT 1
1293.2		ZATU693	ZATU693 VARIANT 2
1294		ZATU693@t	ZATU693 TENU
1295		ZATU694~a	ZATU694-A
1296		ZATU694~b	ZATU694-B
1297		ZATU694~c	ZATU694-C
1297.1		ZATU694~c	ZATU694-C VARIANT 1
1298		ZATU694~d	ZATU694-D
1299		ZATU694~d@t	ZATU694-D TENU
1300		ZATU695	ZATU695
1301		ZATU696	ZATU696
1302		ZATU697~a	ZATU697-A
1302.1		ZATU697~a	ZATU697-A VARIANT 1
1302.2		ZATU697~a	ZATU697-A VARIANT 2
1302.3		ZATU697~a	ZATU697-A VARIANT 3

#	Glyph	CDLI Name	Unicode Name
1303		ZATU697~b	ZATU697-B
1304		ZATU697~c	ZATU697-C
1305		ZATU699~a	ZATU699-A
1306		ZATU699~b	ZATU699-B
1307		ZATU700	ZATU700
1308		ZATU701	ZATU701
1309		ZATU702	ZATU702
1310		ZATU703	ZATU703
1311		ZATU704	ZATU704
		Has a fragmentary or missing portion	
1312		ZATU705	ZATU705
1313		ZATU706	ZATU706
1314		ZATU707~a	ZATU707-A
1315		ZATU707~b	ZATU707-B
1316		ZATU708	ZATU708
1317		ZATU709	ZATU709
1318		ZATU710	ZATU710
1318.1		ZATU710	ZATU710 VARIANT 1
1319		ZATU711	ZATU711
1319.1		ZATU711	ZATU711 VARIANT 1
1320		ZATU713	ZATU713
1321		ZATU714	ZATU714

#	Glyph	CDLI Name	Unicode Name
1322		ZATU717	ZATU717
1323		ZATU718	ZATU718
1324		ZATU719	ZATU719
1325		ZATU720	ZATU720
1326		ZATU721	ZATU721
1327		ZATU722	ZATU722
1328		ZATU723	ZATU723
1329		ZATU724	ZATU724
1330		ZATU725	ZATU725
1330.1		ZATU725	ZATU725 VARIANT 1
1331		ZATU726~a	ZATU726-A
1332		ZATU726~c	ZATU726-C
1333		ZATU726~d	ZATU726-D
1334		ZATU727	ZATU727
1335		ZATU728	ZATU728
1336		ZATU729	ZATU729
1336.1		ZATU729	ZATU729 VARIANT 1
1337		ZATU730	ZATU730
1338		ZATU732	ZATU732
1339		ZATU733	ZATU733
		Has a fragmentary or missing portion	
1340		ZATU734	ZATU734

#	Glyph	CDLI Name	Unicode Name
1341		ZATU735~a	ZATU735-A
1342		ZATU735~b	ZATU735-B
1342.1		ZATU735~b	ZATU735-B VARIANT 1
1342.2		ZATU735~b	ZATU735-B VARIANT 2
1343		ZATU735~c	ZATU735-C
1344		ZATU736~a	ZATU736-A
1345		ZATU736~b	ZATU736-B
1346		ZATU737	ZATU737
1346.1		ZATU737	ZATU737 VARIANT 1
1346.2		ZATU737	ZATU737 VARIANT 2
1347		ZATU749~a	ZATU749-A
1347.1		ZATU749~a	ZATU749-A VARIANT 1
1347.2		ZATU749~a	ZATU749-A VARIANT 2
1348		ZATU749~b	ZATU749-B
1349		ZATU749~c	ZATU749-C
1350		ZATU750	ZATU750
1350.1		ZATU750	ZATU750 VARIANT 1
1350.2		ZATU750	ZATU750 VARIANT 2
1350.3		ZATU750	ZATU750 VARIANT 3
1351		ZATU751~a	ZATU751-A
1352		ZATU751~b	ZATU751-B

#	Glyph	CDLI Name	Unicode Name
1353		ZATU752	ZATU752
1353.1		ZATU752	ZATU752 VARIANT 1
1354		ZATU753	ZATU753
1355		ZATU754	ZATU754
1356		ZATU755~a	ZATU755-A
1357		ZATU755~b	ZATU755-B
1358		ZATU756	ZATU756
1358.1		ZATU756	ZATU756 VARIANT 1
1359		ZATU757	ZATU757
1359.1		ZATU757	ZATU757 VARIANT 1
1360		ZATU758	ZATU758
1361		ZATU759	ZATU759
1361.1		ZATU759	ZATU759 VARIANT 1
1362		ZATU761	ZATU761
1363		ZATU762~a	ZATU762-A
1363.1		ZATU762~a	ZATU762-A VARIANT 1
1363.2		ZATU762~a	ZATU762-A VARIANT 2
1364		ZATU762~b	ZATU762-B
1365		ZATU764	ZATU764
1366		ZATU765	ZATU765
1367		ZATU766	ZATU766

#	Glyph	CDLI Name	Unicode Name
1368		ZATU767	ZATU767
1369		ZATU768	ZATU768
		Has a fragmentary or missing portion	
1370		ZATU769	ZATU769
		Has a fragmentary or missing portion	
1371		ZATU771	ZATU771
		Has a fragmentary or missing portion	
1372		ZATU772	ZATU772
1373		ZATU773~a	ZATU773-A
1373.1		ZATU773~a	ZATU773-A VARIANT 1
1374		ZATU773~b	ZATU773-B
1375		ZATU774	ZATU774
1376		ZATU775	ZATU775
1377		ZATU776	ZATU776
1377.1		ZATU776	ZATU776 VARIANT 1
1378		ZATU777	ZATU777
1378.1		ZATU777	ZATU777 VARIANT 1
1378.2		ZATU777	ZATU777 VARIANT 2
1379		ZATU778	ZATU778
1380		ZATU779	ZATU779
1381		ZATU780	ZATU780
1382		ZATU781	ZATU781
1383		ZATU782	ZATU782

#	Glyph	CDLI Name	Unicode Name
1384		ZATU783	ZATU783
1385		ZATU784	ZATU784
1386		ZATU785	ZATU785
		Has a fragmentary or missing portion	
1387		ZATU786	ZATU786
1388		ZATU787	ZATU787
1389		ZATU788	ZATU788
1390		ZATU789	ZATU789
1391		ZATU791	ZATU791
1392		ZATU792	ZATU792
1393		ZATU795	ZATU795
1394		ZATU797	ZATU797
1395		ZATU798	ZATU798
1396		ZATU799	ZATU799
1397		ZATU800	ZATU800
1398		ZATU801	ZATU801
1399		ZATU802	ZATU802
1400		ZATU803	ZATU803
1401		ZATU804	ZATU804
1402		ZATU805	ZATU805
1403		ZATU806	ZATU806
1404		ZATU807	ZATU807

#	Glyph	CDLI Name	Unicode Name
1405		ZATU808	ZATU808
1406		ZATU809	ZATU809
1407		ZATU810	ZATU810
1408		ZATU811	ZATU811
1409		ZATU812	ZATU812
1410		ZATU813	ZATU813
1411		ZATU814	ZATU814
1412		ZATU815	ZATU815
1413		ZATU817	ZATU817
		Has a fragmentary or missing portion	
1414		ZATU818	ZATU818
		Has a fragmentary or missing portion	
1415		ZATU819	ZATU819
1416		ZATU820	ZATU820
1417		ZATU821	ZATU821
1418		ZATU822	ZATU822
1419		ZATU823	ZATU823
1420		ZATU824	ZATU824
1421		ZATU825	ZATU825
1422		ZATU826	ZATU826
1423		ZATU829	ZATU829
1424		ZATU831	ZATU831

#	Glyph	CDLI Name	Unicode Name
1425		ZATU831@g	ZATU831 GUNU
1426		ZATU832	ZATU832
1427		ZATU833	ZATU833
1428		ZATU834	ZATU834
1429		ZATU835	ZATU835
1430		ZATU836	ZATU836
1431		ZATU837~a	ZATU837-A
1432		ZATU837~b	ZATU837-B
1433		ZATU838	ZATU838
1434		ZATU839	ZATU839
1434.1		ZATU839	ZATU839 VARIANT 1
1435		ZATU840	ZATU840
1436		ZATU841	ZATU841
1437		ZATU842	ZATU842
1438		ZATU843	ZATU843
1439		ZATU844	ZATU844
1440		ZATU845	ZATU845
1441		ZATU846	ZATU846
1442		ZATU847	ZATU847
1443		ZATU848	ZATU848
1444		ZATU849	ZATU849

#	Glyph	CDLI Name	Unicode Name
1445		ZATU850	ZATU850
1446		ZATU851	ZATU851
1447		ZATU852	ZATU852
1448		ZATU853	ZATU853
1449		ZATU854	ZATU854
1450		ZATU855	ZATU855
1451		ZI~a	ZI-A
1451.1		ZI~a	ZI-A VARIANT 1
1452		ZI~b	ZI-B
1453		ZI~d	ZI-D
1454		ZUBI~a	ZUBI-A
1455		ZUBI~b	ZUBI-B

6.3 Compound signs

#	Glyph	CDLI Name	Unicode Name
1456		1(N02).RU	ONE-N2 BESIDE RU
1457		1(N08@f)x1(N57)	ONE-N8 FLAT TIMES ONE-N57
1458		1(N34)x1(N58)	ONE-N34 TIMES ONE-N58
1459		1(N57).1(N57)	ONE-N57 BESIDE ONE-N57
1460		1(N57).AB2	ONE-N57 BESIDE AB2
1461		1(N57).SAH2~a	ONE-N57 BESIDE SHAH2-A

#	Glyph	CDLI Name	Unicode Name
1462		1(N57).SZUBUR	ONE-N57 BESIDE SHUBUR
1462.1		1(N57).SZUBUR	ONE-N57 VARIANT 1 BESIDE SHUBUR VARIANT 1
1463		1(N58).BAD~a Has an element not independently listed in CDLI: BAD~a	ONE-N58 BESIDE BAD-A
1464		1(N58).BAD~b Has an element not independently listed in CDLI: BAD~b	ONE-N58 BESIDE BAD-B
1464.1		1(N58).BAD~b Has an element not independently listed in CDLI: BAD~b	ONE-N58 BESIDE BAD-B VARIANT 1
1465		2(N57).AB2	TWO-N57 BESIDE AB2
1466		2(N57).KU6~a	TWO-N57 BESIDE KU6-A
1467		2(N57).SZUBUR	TWO-N57 BESIDE SHUBUR
1468		2(N57).SU~a	TWO-N57 BESIDE SU-A
1469		3(N57).AMAR	THREE-N57 BESIDE AMAR
1470		3(N57).BARA3	THREE-N57 BESIDE BARA3
1471		3(N57).E2~b	THREE-N57 BESIDE E2-B
1472		3(N57).GAR	THREE-N57 BESIDE GAR
1473		3(N57).NUNUZ~a1	THREE-N57 BESIDE NUNUZ-A1
1474		3(N57).NUNUZ~c	THREE-N57 BESIDE NUNUZ-C
1475		3(N57).PIRIG~b1	THREE-N57 BESIDE PIRIG-B1
1476		3(N57).SZUBUR	THREE-N57 BESIDE SHUBUR
1477		3(N58).UR3~b1	THREE-N58 BESIDE UR3-B1
1478		4(N57).AMAR	FOUR-N57 BESIDE AMAR
1479		4(N57).GAR	FOUR-N57 BESIDE GAR

#	Glyph	CDLI Name	Unicode Name
1480		4(N57).KU3~a	FOUR-N57 BESIDE KU3-A
1481		4(N57).NI~b	FOUR-N57 BESIDE NI-B
1482		5(N57).GAR	FIVE-N57 BESIDE GAR
1483		5(N57).KU3~a	FIVE-N57 BESIDE KU3-A
1484		6(N57).GAR	SIX-N57 BESIDE GAR
1485		6(N57).KU3~a	SIX-N57 BESIDE KU3-A
1486		8(N57).NI~b	EIGHT-N57 BESIDE NI-B
1487		X(N57).GAR Correction for CDLI name: x(N57).GAR Has a fragmentary or missing portion	X-N57 BESIDE GAR
1488		Ax1(N14)	A TIMES ONE-N14
1489		AxAB2	A TIMES AB2
1490		AxAN	A TIMES AN
1491		AxEN~a	A TIMES EN-A
1492		AxSZUBUR	A TIMES SHUBUR
1493		AxZATU672	A TIMES ZATU672
1494		AB~ax1(N01)	AB-A TIMES ONE-N1
1495		AB~axA@t	AB-A TIMES A TENU
1496		AB~axASZ2	AB-A TIMES ASH2
1497		AB~axKU6~a	AB-A TIMES KU6-A
1498		AB~ax(SZE~a&SZE~a)	AB-A TIMES SHE-A OVER SHE-A
1499		AB~axSUKKAL	AB-A TIMES SUKKAL

#	Glyph	CDLI Name	Unicode Name
1500		AB~axX Has a fragmentary or missing portion	AB-A TIMES X
1501		AB~axZATU659	AB-A TIMES ZATU659
1502		AB~bxA	AB-B TIMES A
1503		AB~bxKU6~a	AB-B TIMES KU6-A
1504		AB~bxSZA3~a1	AB-B TIMES SHA3-A1
1505		AB2x2(N14)	AB2 TIMES TWO-N14
1505.1		AB2x2(N14)	AB2 TIMES TWO-N14 VARIANT 1
1506		AMA~axE2~a	AMA-A TIMES E2-A
1507		AMAR.1(N02)	AMAR BESIDE ONE-N2
1508		AMAR&AMAR	AMAR OVER AMAR
1509		AMARxTAR Has an element not independently listed in CDLI: TAR	AMAR TIMES TAR
1510		APIN~a.APIN~a	APIN-A BESIDE APIN-A
1511		BAD&BAD	BAD OVER BAD
1512		BU~ax1(N58)	BU-A TIMES ONE-N58
1513		BU~axA	BU-A TIMES A
1514		(BU~a&BU~a).NA2~a	BU-A OVER BU-A BESIDE NA2-A
1514.1		(BU~a&BU~a).NA2~a	BU-A OVER BU-A BESIDE NA2-A VARIANT 1
1515		(BU~a&BU~a).NA2~a@n Has an element not independently listed in CDLI: NA2~a@n	BU-A OVER BU-A BESIDE NA2-A NUTILLU
1516		(BU~a&BU~a).NA2~b Has an element not independently listed in CDLI: NA2~b	BU-A OVER BU-A BESIDE NA2-B

#	Glyph	CDLI Name	Unicode Name
1517		(BU~a&BU~a) .X Has a fragmentary or missing portion	BU-A OVER BU-A BESIDE X
1518		BU~a+DU6~a	BU-A JOINING DU6-A
1518.1		BU~a+DU6~a	BU-A JOINING DU6-A VARIANT 1
1519		BU~axGISZ@t	BU-A TIMES GISH TENU
1520		BU~b.NA2~a	BU-B BESIDE NA2-A
1521		DA~a.LISZ	DA-A BESIDE LISH
1522		DAR~axA	DAR-A TIMES A
1523		DARA3~cxKAR2 Has an element not independently listed in CDLI: KAR2	DARA3-C TIMES KAR2
1524		DARA3~cx(KAR2.SZE~a) Has an element not independently listed in CDLI: KAR2	DARA3-C TIMES KAR2 BESIDE SHE-A
1525		DARA3~dxKAR2 Has an element not independently listed in CDLI: KAR2	DARA3-D TIMES KAR2
1525.1		DARA3~dxKAR2 Has an element not independently listed in CDLI: KAR2	DARA3-D TIMES KAR2 VARIANT 1
1525.2		DARA3~dxKAR2 Has an element not independently listed in CDLI: KAR2	DARA3-D TIMES KAR2 VARIANT 2
1526		DARA3~dx(KAR2.SZE~a) Has an element not independently listed in CDLI: KAR2	DARA3-D TIMES KAR2 BESIDE SHE-A
1527		DIM~axGU	DIM-A TIMES GU
1528		DIM~axX Has a fragmentary or missing portion	DIM-A TIMES X
1529		DUxDISZ Has an element not independently listed in CDLI: DISZ	DU TIMES DISH

#	Glyph	CDLI Name	Unicode Name
1530		DU6~axDISZ Has an element not independently listed in CDLI: DISZ	DU6-A TIMES DISH
1531		DU8~cxHI	DU8-C TIMES HI
1532		DU8~cxUDU~a	DU8-C TIMES UDU-A
1533		DU8~cxX Has a fragmentary or missing portion	DU8-C TIMES X
1534		(DUBxDISZ)~a Has 2 elements not independently listed in CDLI: DUB, DISZ	DUB TIMES DISH FORM A
1535		(DUBxDISZ)~b Has 2 elements not independently listed in CDLI: DUB, DISZ	DUB TIMES DISH FORM B
1536		(DUBxDISZ)~c Has 2 elements not independently listed in CDLI: DUB, DISZ	DUB TIMES DISH FORM C
1537		DUG~ax1(N57)	DUG-A TIMES ONE-N57
1538		DUG~axHI	DUG-A TIMES HI
1539		DUG~axKASKAL	DUG-A TIMES KASKAL
1540		DUG~axLAM~b	DUG-A TIMES LAM-B
1541		DUG~axNAGA~a	DUG-A TIMES NAGA-A
1542		DUG~axU2~a	DUG-A TIMES U2-A
1543		DUG~axU2~b	DUG-A TIMES U2-B
1544		DUG~axX Has a fragmentary or missing portion	DUG-A TIMES X
1545		DUG~bx1(N57)	DUG-B TIMES ONE-N57
1545.1		DUG~bx1(N57)	DUG-B VARIANT 1 TIMES AB2
1546		DUG~bx(1(N57).KU3~a)	DUG-B TIMES ONE-N57 BESIDE KU3-A

#	Glyph	CDLI Name	Unicode Name
1547		DUG~bx3(N57)	DUG-B TIMES THREE-N57
1548		DUG~bxAB2	DUG-B TIMES AB2
1549		DUG~bxANSZE~b	DUG-B TIMES ANSHE-B
1550		DUG~bxANSZE~d Has an element not independently listed in CDLI: ANSZE~d	DUG-B TIMES ANSHE-D
1551		DUG~bxBALA~a	DUG-B TIMES BALA-A
1552		DUG~bxBIR3~c	DUG-B TIMES BIR3-C
1553		DUG~bxDIN	DUG-B TIMES DIN
1553.1		DUG~bxDIN	DUG-B TIMES DIN VARIANT 1
1554		(DUG~bxDIN)@r	DUG-B TIMES DIN REVERSED
1555		(DUG~b&DUG~b)x1(N58)	DUG-B OVER DUG-B TIMES ONE-N58
1556		DUG~bxE~a	DUG-B TIMES E-A
1557		DUG~bxGA~a	DUG-B TIMES GA-A
1558		DUG~bxGA~b	DUG-B TIMES GA-B
1559		DUG~bxGESZTU~a	DUG-B TIMES GESHTU-A
1559.1		DUG~bxGESZTU~a	DUG-B TIMES GESHTU-A VARIANT 1
1560		DUG~bxGESZTU~b	DUG-B TIMES GESHTU-B
1561		DUG~bxGI6	DUG-B TIMES GI6
1562		DUG~bxGISZ	DUG-B TIMES GISH
1563		DUG~bxHI	DUG-B TIMES HI
1563.1		DUG~bxHI	DUG-B TIMES HI VARIANT 1
1564		DUG~bxHI@g~a	DUG-B TIMES HI GUNU-A

#	Glyph	CDLI Name	Unicode Name
1565		DUG~bxKASKAL	DUG-B TIMES KASKAL
1566		DUG~bxKU6~a	DUG-B TIMES KU6-A
1567		DUG~bxKUR~a	DUG-B TIMES KUR-A
1568		DUG~bx(KUR~a.X) Has a fragmentary or missing portion	DUG-B TIMES KUR-A BESIDE X
1569		DUG~bxKUR~b	DUG-B TIMES KUR-B
1570		DUG~bxKUR@g~a	DUG-B TIMES KUR GUNU-A
1571		DUG~bxLAM~a	DUG-B TIMES LAM-A
1572		DUG~bxMASZ	DUG-B TIMES MASH
1572.1		DUG~bxMASZ	DUG-B TIMES MASH VARIANT 1
1573		DUG~bxNAGA~a	DUG-B TIMES NAGA-A
1574		DUG~bxNAM2	DUG-B TIMES NAM2
1575		DUG~bx(NI~a@g.ZATU779)	DUG-B TIMES NI-A GUNU BESIDE ZATU779
1576		DUG~bxSA~a	DUG-B TIMES SA-A
1577		DUG~bxSAH2~a	DUG-B TIMES SHAH2-A
1578		DUG~bxSZE~a	DUG-B TIMES SHE-A
1578.1		DUG~bxSZE~a	DUG-B VARIANT 1 TIMES SHE-A FORM 1
1578.2		DUG~bxSZE~a	DUG-B VARIANT 1 TIMES SHE-A FORM 2
1579		DUG~bx(SZE~a.NAM2)	DUG-B TIMES SHE-A BESIDE NAM2
1580		DUG~bxSI4~a	DUG-B TIMES SI4-A
1581		DUG~bx(SI4~a.X) Has a fragmentary or missing portion	DUG-B TIMES SI4-A BESIDE X

#	Glyph	CDLI Name	Unicode Name
1582		DUG~bxSIG2~a1	DUG-B TIMES SIG2-A1
1583		DUG~bxSIG2~a2	DUG-B TIMES SIG2-A2
1584		DUG~bxSIG7	DUG-B TIMES SIG7
1585		DUG~bxSUHUR	DUG-B TIMES SUHUR
1586		DUG~bxTAK4~a	DUG-B TIMES TAK4-A
1587		DUG~bx(TAK4~a.SA~a)	DUG-B TIMES TAK4-A BESIDE SA-A
1588		DUG~bx(TAK4~a.SAL)	DUG-B TIMES TAK4-A BESIDE SAL
1589		DUG~bxTI	DUG-B TIMES TI
1590		DUG~bxU2~a	DUG-B TIMES U2-A
1591		DUG~bxU2~b	DUG-B VARIANT 1 TIMES U2-B
1591.1		DUG~bxU2~b	DUG-B VARIANT 2 TIMES U2-B
1592		DUG~bxUH3~a	DUG-B TIMES UH3-A
1593		DUG~bxUH3~a@t	DUG-B TIMES UH3-A TENU
1594		DUG~bxX	DUG-B TIMES X
		Has a fragmentary or missing portion	
1594.1		DUG~bxX	DUG-B TIMES X VARIANT 1
		Has a fragmentary or missing portion	
1595		DUG~bxZATU707~a	DUG-B TIMES ZATU707-A
1596		DUG~bxZATU764	DUG-B TIMES ZATU764
1597		DUG~bxZATU779	DUG-B TIMES ZATU779
1598		DUG~bxZATU780	DUG-B TIMES ZATU780
1599		DUG~bxZATU781	DUG-B TIMES ZATU781

#	Glyph	CDLI Name	Unicode Name
1600		DUG~bx(ZATU789.SA~a)	DUG-B TIMES ZATU789 BESIDE SA-A
1601		DUG~cx1(N57)	DUG-C TIMES ONE-N57
1601.1		DUG~cx1(N57)	DUG-C VARIANT 1 TIMES ONE-N57
1601.2		DUG~cx1(N57)	DUG-C VARIANT 2 TIMES ONE-N57
1602		E2~ax1(N58@t) Correction for CDLI name: E2~ax1(N57)@t	E2-A TIMES ONE-N58 TENU
1603		E2~ax3(N58)	E2-A TIMES THREE-N58
1604		E2~a.LISZ	E2-A BESIDE LISH
1605		E2~bx1(N57)@t Has an element not independently listed in CDLI: 1N57@t	E2-B TIMES ONE-N57 TENU
1606		E2~b.LISZ	E2-B BESIDE LISH
1607		EN~c&EN~c	EN-C OVER EN-C
1608		EN2.E2~a	EN2 BESIDE E2-A
1609		EN2.E2~b	EN2 BESIDE E2-B
1610		ESZDAxTAR Has an element not independently listed in CDLI: TAR	ESHDA TIMES TAR
1611		EZEN~axEN~a	EZEN-A TIMES EN-A
1612		EZEN~axEN~b	EZEN-A TIMES EN-B
1613		EZEN~ax(HI.1(N57).AN)	EZEN-A TIMES HI BESIDE ONE-N57 BESIDE AN
1614		EZEN~axKAB	EZEN-A TIMES KAB
1615		EZEN~axKI	EZEN-A TIMES KI
1616		EZEN~axLA~e	EZEN-A TIMES LA-E
1616.1		EZEN~axLA~e	EZEN-A TIMES LA-E VARIANT 1

#	Glyph	CDLI Name	Unicode Name
1617		EZEN~axNIM~b2	EZEN-A TIMES NIM-B2
1618		EZEN~axNIMGIR	EZEN-A TIMES NIMGIR
1619		EZEN~axRAD~a	EZEN-A TIMES RAD-A
1620		EZEN~axSAG	EZEN-A TIMES SAG
1621		EZEN~axSU~a	EZEN-A TIMES SU-A
1622		EZEN~ax(U2~b.A)	EZEN-A TIMES U2-B BESIDE A
1623		EZEN~axU4	EZEN-A TIMES U4
1624		EZEN~axX	EZEN-A TIMES X
		Has a fragmentary or missing portion	
1625		EZEN~bx6(N57)	EZEN-B TIMES SIX-N57
1625.1		EZEN~bx6(N57)	EZEN-B TIMES SIX-N57 VARIANT 1
1626		GA~axX	GA-A TIMES X
		Has a fragmentary or missing portion	
1627		GA~a.ZATU753	GA-A BESIDE ZATU753
1627.1		GA~a.ZATU753	GA-A BESIDE ZATU753 VARIANT 1
1628		GA~cx1(N14)	GA-C TIMES ONE-N14
1629		GA~cxKASKAL	GA-C TIMES KASKAL
1630		GA2~a1x1(N14)	GA2-A1 TIMES ONE-N14
1631		GA2~a1x1(N57)	GA2-A1 TIMES ONE-N57
1632		GA2~a1x3(N57)	GA2-A1 TIMES THREE-N57
		Correction for CDLI name: GA2~a2x3(N57)	
1633		GA2~a1xA	GA2-A1 TIMES A
1634		GA2~a1xEN~b	GA2-A1 TIMES EN-B

#	Glyph	CDLI Name	Unicode Name
1635		GA2~a1xGESZTU~c3	GA2-A1 TIMES GESHTU-C3
1636		GA2~a1xGESZTU~c5	GA2-A1 TIMES GESHTU-C5
1637		GA2~a1xGIR~a	GA2-A1 TIMES GIR-A
1638		GA2~a1x(GIR~a.KU6~a)	GA2-A1 TIMES GIR-A BESIDE KU6-A
1639		GA2~a1xGISZ@t	GA2-A1 TIMES GISH TENU
1640		GA2~a1xGU4	GA2-A1 TIMES GU4
1641		GA2~a1xHAL	GA2-A1 TIMES HAL
1642		GA2~a1xHI	GA2-A1 TIMES HI
1643		GA2~a1x(HI.SUHUR)	GA2-A1 TIMES HI BESIDE SUHUR
1644		GA2~a1xKU3~a	GA2-A1 TIMES KU3-A
1645		GA2~a1xKU6~a	GA2-A1 TIMES KU6-A
1646		GA2~a1x(KU6~a.KU6~a)	GA2-A1 TIMES KU6-A BESIDE KU6-A
1647		GA2~a1xLAGAB~b	GA2-A1 TIMES LAGAB-B
1648		GA2~a1xMASZ	GA2-A1 TIMES MASH
1649		GA2~a1xNAGA~a	GA2-A1 TIMES NAGA-A
1650		GA2~a1xNIM~b1 Correction for CDLI name: GA2~a2xNIM~b1	GA2-A1 TIMES NIM-B1
1651		GA2~a1xNUN~a	GA2-A1 TIMES NUN-A
1652		GA2~a1xPAD~b	GA2-A1 TIMES PAD-B
1653		GA2~a1xPAP~a	GA2-A1 TIMES PAP-A
1654		GA2~a1xSZA	GA2-A1 TIMES SHA
1655		GA2~a1xSU~a	GA2-A1 TIMES SU-A

#	Glyph	CDLI Name	Unicode Name
1656		GA2~a1xSUHUR	GA2-A1 TIMES SUHUR
1657		GA2~a1xSUKUD	GA2-A1 TIMES SUKUD
1658		GA2~a1x((SUKUD+SUKUD)~a) Correction for CDLI name: GA2~a1x((SUKUD&SUKUD)~a)	GA2-A1 TIMES SUKUD JOINING SUKUD FORM A
1659		GA2~a1x((SUKUD+SUKUD)~b) Correction for CDLI name: GA2~a1x((SUKUD&SUKUD)~b)	GA2-A1 TIMES SUKUD JOINING SUKUD FORM B
1660		GA2~a1xSUMASZ	GA2-A1 TIMES SUMASH
1661		GA2~a1xTI	GA2-A1 TIMES TI
1662		GA2~a1xU4	GA2-A1 TIMES U4
1663		GA2~a1xX Has a fragmentary or missing portion	GA2-A1 TIMES X
1664		GA2~a2xGU4	GA2-A2 TIMES GU4
1665		GA2~a2x(GU4.SZE3)	GA2-A2 TIMES GU4 BESIDE SHE3
1666		GA2~a2xNI~a	GA2-A2 TIMES NI-A
1667		GA2~a2xNI~b	GA2-A2 TIMES NI-B
1668		GA2~a2xSZE3	GA2-A2 TIMES SHE3
1669		GA2~a2xSUHUR	GA2-A2 TIMES SUHUR
1670		GA2~a2xX Has a fragmentary or missing portion	GA2-A2 TIMES X
1671		GA2~a3xX Has a fragmentary or missing portion	GA2-A3 TIMES X
1672		GA2~bxDUB~a	GA2-B TIMES DUB-A
1673		GA2~bxDUB~b	GA2-B TIMES DUB-B

#	Glyph	CDLI Name	Unicode Name
1674		GA2~bxKU3~a	GA2-B TIMES KU3-A
1675		GA2~bxZATU659	GA2-B TIMES ZATU659
1676		GAN~cxDIN	GAN-C TIMES DIN
1677		GAN~cxHI	GAN-C TIMES HI
1678		GAN~cx(HI.DIN)	GAN-C TIMES HI BESIDE DIN
1679		GAN~cxKASZ~c	GAN-C TIMES KASH-C
1680		GAN~cx(KUR~a.A)	GAN-C TIMES KUR-A BESIDE A
1681		GAN~cxLAGAB~b	GAN-C TIMES LAGAB-B
1682		GAN~cxNE~a	GAN-C TIMES NE-A
1683		GAN~cxSZE~a	GAN-C TIMES SHE-A
1684		GAN~cxSZE3@t	GAN-C TIMES SHE3 TENU
1685		GAN~cxSIG7	GAN-C TIMES SIG7
1686		GAN~cxX	GAN-C TIMES X
		Has a fragmentary or missing portion	
1687		GAN~cxZATU777	GAN-C TIMES ZATU777
1688		GAN~dxGESZTU~a	GAN-D TIMES GESHTU-A
1689		GAN~dxHI	GAN-D TIMES HI
1690		GESZTIN~cxX	GESHTIN-C TIMES X
		Has a fragmentary or missing portion	
1691		GESZTU~axSZE~a@t	GESHTU-A TIMES SHE-A TENU
1692		GIx1(N14)	GI TIMES ONE-N14
1693		GIx1(N58)@t	GI TIMES ONE-N58 TENU

#	Glyph	CDLI Name	Unicode Name
1694		GI&GI	GI OVER GI
1695		GI&GI&GI	GI OVER GI OVER GI
1696		(GI&GI) xGISZ@t	GI OVER GI TIMES GISH TENU
1697		(GI+&GI) xSZE3	GI OVER GI TIMES SHE3
1698		(GI&GI) xX Has a fragmentary or missing portion	GI OVER GI TIMES X
1699		GIxGISZ@t	GI TIMES GISH TENU
1700		GIxKU~b1	GI TIMES KU-B1
1701		GIxLAGAB~a	GI TIMES LAGAB-A
1702		GIxNAM2	GI TIMES NAM2
1703		GIxSZE3	GI TIMES SHE3
1704		GIxSIG2~d1	GI TIMES SIG2-D1
1705		GIxX Has a fragmentary or missing portion	GI TIMES X
1706		GI4~axA	GI4-A TIMES A
1707		GI4~a&GI4~a	GI4-A OVER GI4-A
1708		GI4~b&GI4~b	GI4-B OVER GI4-B
1709		GIR~a . KU6~a	GIR-A BESIDE KU6-A
1710		GIR~b . GIR~b	GIR-B BESIDE GIR-B
1711		GIR3~axSZE~b	GIR3-A TIMES SHE-B
1712		GIR3~cxKAR2 Has an element not independently listed in CDLI: KAR2	GIR3-C TIMES KAR2
1713		GIR3~cxSZE3	GIR3-C TIMES SHE3

#	Glyph	CDLI Name	Unicode Name
1714		GISZx(DIN.DIN)~a	GISH TIMES DIN BESIDE DIN FORM A
1715		GISZx(DIN.DIN)~b	GISH TIMES DIN BESIDE DIN FORM B
1716		GISZx(DIN.DIN)~c	GISH TIMES DIN BESIDE DIN FORM C
1717		GISZxSZU2~a Has an element not independently listed in CDLI: SZU2~a	GISH TIMES SHU2-A
1718		GISZxSZU2~b Has an element not independently listed in CDLI: SZU2~b	GISH TIMES SHU2-B
1719		GISZ.TE	GISH BESIDE TE
1720		GISZ@t.E2~a	GISH TENU BESIDE E2-A
1721		GISZ3~a&GISZ3~a	GISH3-A OVER GISH3-A
1722		GU4.ZATU755~a	GU4 BESIDE ZATU755-A
1723		GUG2xSZITA~a1	GUG2 TIMES SHITA-A1
1724		GUG2xSILA3~a	GUG2 TIMES SILA3-A
1725		GUG2xTUR	GUG2 TIMES TUR
1726		GUKKAL~a.HI@g~a	GUKKAL-A BESIDE HI GUNU-A
1727		GURUSZ~ax2(N14)	GURUSH-A TIMES TWO-N14
1728		GURUSZ~bx2(N14)	GURUSH-B TIMES TWO-N14
1729		GURUSZ~cx2(N14) Has an element not independently listed in CDLI: GURUSZ~c	GURUSH-C TIMES TWO-N14
1730		HASZHURxMA	HASHHUR TIMES MA
1731		HIx1(N01@f) Correction for CDLI name: HIx1(N01)F	HI TIMES ONE-N1 FLAT
1732		HIx1(N57)	HI TIMES ONE-N57

#	Glyph	CDLI Name	Unicode Name
1733		(HIX1(N57)) . (HIX1(N57)) Correction for CDLI name: (HIX1(N57)) & (HI+1(N57))	HI TIMES ONE-N57 BESIDE HI TIMES ONE-N57
1734		HIX1(N57@t) Correction for CDLI name: HIX1(N57)@t Has an element not independently listed in CDLI: 1N57@t	HI TIMES ONE-N57 TENU
1735		HIX1(N58)	HI TIMES ONE-N58
1736		HIXLAGAB~a	HI TIMES LAGAB-A
1737		HIXSZE3@t	HI TIMES SHE3 TENU
1738		HI . SUHUR	HI BESIDE SUHUR
1738.1		HI . SUHUR	HI BESIDE SUHUR VARIANT 1
1738.2		HI . SUHUR	HI BESIDE SUHUR VARIANT 2
1739		HIXZATU707~a	HI TIMES ZATU707-A
1740		IR~a . GA2~a1	IR-A BESIDE GA2-A1
1741		KA~axSAR~a	KA-A TIMES SAR-A
1742		KA~a . SZE~a	KA-A BESIDE SHE-A
1742.1		KA~a . SZE~a	KA-A BESIDE SHE-A VARIANT 1
1743		KA2xLAM Has 2 elements not independently listed in CDLI: KA2, LAM	KA2 TIMES LAM
1744		KABx1(N58)	KAB TIMES ONE-N58
1745		KAK~a . GA2~a1	KAK-A BESIDE GA2-A1
1746		KASZ~bxSZE~a	KASH-B TIMES SHE-A
1747		KI@nxDUB~a	KI NUTILLU TIMES DUB-A
1748		KU6~a . 1(N02)	KU6-A BESIDE ONE-N2

#	Glyph	CDLI Name	Unicode Name
1749		KU6~a+GISZ	KU6-A JOINING GISH
1750		KU6~a+KU6~a	KU6-A JOINING KU6-A
1751		KUR~a . E2~a	KUR-A BESIDE E2-A
1752		KUR~a . NUNUZ~a1	KUR-A BESIDE NUNUZ-A1
1753		KUR~b . E2~a	KUR-B BESIDE E2-A
1754		LAGAB~ax2(N14)	LAGAB-A TIMES TWO-N14
1755		LAGAB~axBA	LAGAB-A TIMES BA
1756		LAGAB~axBIR3~b	LAGAB-A TIMES BIR3-B
1757		LAGAB~axDU6~b	LAGAB-A TIMES DU6-B
1758		LAGAB~axKAK~a	LAGAB-A TIMES KAK-A
1759		LAGAB~axKU6~a	LAGAB-A TIMES KU6-A
1760		LAGAB~ax(KU6~a+KU6~a)	LAGAB-A TIMES KU6-A JOINING KU6-A
1761		LAGAB~axKUSZU2~b	LAGAB-A TIMES KUSHU2-B
1762		LAGAB~axLAGAB~a	LAGAB-A TIMES LAGAB-A
1763		LAGAB~axME~a	LAGAB-A TIMES ME-A
1764		LAGAB~axNUN~b	LAGAB-A TIMES NUN-B
1765		LAGAB~axPA~a	LAGAB-A TIMES PA-A
1766		LAGAB~axSZA	LAGAB-A TIMES SHA
1767		LAGAB~axSZITA~a1	LAGAB-A TIMES SHITA-A1
1768		LAGAB~axSI	LAGAB-A TIMES SI
1769		LAGAB~axSIG7	LAGAB-A TIMES SIG7

#	Glyph	CDLI Name	Unicode Name
1770		LAGAB~axSU~a	LAGAB-A TIMES SU-A
1771		LAGAB~axTI	LAGAB-A TIMES TI
1772		LAGAB~axU4	LAGAB-A TIMES U4
1773		LAGAB~axUB	LAGAB-A TIMES UB
1774		LAGAB~axX Has a fragmentary or missing portion	LAGAB-A TIMES X
1775		LAGAB~axZATU753	LAGAB-A TIMES ZATU753
1776		LAGAB~bx1(N01)	LAGAB-B TIMES ONE-N1
1777		LAGAB~bxBANSZUR~a	LAGAB-B TIMES BANSUR-A
1778		LAGAB~bxGA'AR~a1	LAGAB-B TIMES GAAR-A1
1779		LAGAB~bxHI	LAGAB-B TIMES HI
1780		LAGAB~bxKUR~e Has an element not independently listed in CDLI: KUR~e	LAGAB-B TIMES KUR-E
1781		LAGAB~b&LAGAB~b Correction for CDLI name: LAGAB~bxLAGAB~b	LAGAB-B OVER LAGAB-B
1782		LAGAB~bxPA~a	LAGAB-B TIMES PA-A
1783		LAGAB~bxSZITA~c	LAGAB-B TIMES SHITA-C
1784		LAGAB~bxSI	LAGAB-B TIMES SI
1785		LAGAB~bxSUH3	LAGAB-B TIMES SUH3
1786		LAGAB~bxU4	LAGAB-B TIMES U4
1787		LAGAB~bxX Has a fragmentary or missing portion	LAGAB-B TIMES X
1788		LAL2~axEZEN~a	LAL2-A TIMES EZEN-A

#	Glyph	CDLI Name	Unicode Name
1789		LAL2~axNIM~b2	LAL2-A TIMES NIM-B2
1790		LU2xGESZTU~c3	LU2 TIMES GESHTU-C3
1791		MAx1(N58)	MA TIMES ONE-N58
1792		MAx2(N57)	MA TIMES TWO-N57
1793		MAxA	MA TIMES A
1794		MAxMA	MA TIMES MA
1795		MAxX	MA TIMES X
		Has a fragmentary or missing portion	
1796		MAH~axAB2	MAH-A TIMES AB2
1797		MAH~axGUKKAL~a	MAH-A TIMES GUKKAL-A
1798		MAH~axKU6~a	MAH-A TIMES KU6-A
1799		MAH~axMASZ	MAH-A TIMES MASH
1800		MAH~axNA~a	MAH-A TIMES NA-A
1801		MAH~ax(SILA3~axUMBIN~a)	MAH-A TIMES SILA3-A TIMES UMBIN-A
1802		MAH~axTUG2~a	MAH-A TIMES TUG2-A
1803		MAH~axUD5~a	MAH-A TIMES UD5-A
1804		MAH~axUDU~a	MAH-A TIMES UDU-A
1805		MAH~axUR~a	MAH-A TIMES UR-A
1806		MAH~axUTUA~a	MAH-A TIMES UTUA-A
1807		MAH~axX	MAH-A TIMES X
		Has a fragmentary or missing portion	
1808		MAH~axZATU659	MAH-A TIMES ZATU659

#	Glyph	CDLI Name	Unicode Name
1809		MAH~bxKU6~a	MAH-B TIMES KU6-A
1810		MAH~bxMASZ	MAH-B TIMES MASH
1811		MAH~bxNA~a	MAH-B TIMES NA-A
1812		MAH~bxSAL	MAH-B TIMES SAL
1813		MAR~bx(LAGAB~b.SZE3)	MAR-B TIMES LAGAB-B BESIDE SHE3
1814		MAR~bxSZE~a	MAR-B TIMES SHE-A
1815		MAR~bxX	MAR-B TIMES X
		Has a fragmentary or missing portion	
1816		MUD3~a@gxGU	MUD3-A GUNU TIMES GU
1817		MUSZENx1(N57)	MUSHEN TIMES ONE-N57
1818		MUSZENx2(N57)	MUSHEN TIMES TWO-N57
1819		MUSZENx3(N57)	MUSHEN TIMES THREE-N57
1820		MUSZENxPAP~a	MUSHEN TIMES PAP-A
1821		MUSZEN.UR3~b2	MUSHEN BESIDE UR3-B2
1822		MUSZENxX	MUSHEN TIMES X
		Has a fragmentary or missing portion	
1823		NAGA~axTAK4~a	NAGA-A TIMES TAK4-A
1824		NAM2x1(N01)	NAM2 TIMES ONE-N1
1825		NI~ax1(N57)	NI-A TIMES ONE-N57
1826		NI~a.RU	NI-A BESIDE RU
1827		NI~bx4(N57)	NI-B TIMES FOUR-N57
1828		NI~bxX	NI-B TIMES X
		Has a fragmentary or missing portion	

#	Glyph	CDLI Name	Unicode Name
1829		NINDA2x1(N01)	NINDA2 TIMES ONE-N1
1830		NINDA2x1(N06)	NINDA2 TIMES ONE-N6
1831		NINDA2x1(N08)	NINDA2 TIMES ONE-N8
1832		NINDA2x2(N01)	NINDA2 TIMES TWO-N1
1833		NINDA2xAN	NINDA2 TIMES AN
1834		NINDA2x(AN.HI)	NINDA2 TIMES AN BESIDE HI
1835		NINDA2x(AN.ME~a)	NINDA2 TIMES AN BESIDE ME-A
1836		NINDA2x(AN.X) Has a fragmentary or missing portion	NINDA2 TIMES AN BESIDE X
1837		NINDA2xBA	NINDA2 TIMES BA
1838		NINDA2xEZEN~b	NINDA2 TIMES EZEN-B
1839		NINDA2xGA'AR~a1	NINDA2 TIMES GAAR-A1
1840		NINDA2xGAR	NINDA2 TIMES GAR
1841		NINDA2xGISZ	NINDA2 TIMES GISH
1842		NINDA2x(GISZ.DAR~a)	NINDA2 TIMES GISH BESIDE DAR-A
1843		NINDA2xGU4	NINDA2 TIMES GU4
1844		NINDA2xGUDU4 Has an element not independently listed in CDLI: GUDU4	NINDA2 TIMES GUDU4
1844.1		NINDA2xGUDU4 Has an element not independently listed in CDLI: GUDU4	NINDA2 TIMES GUDU4 VARIANT 1
1844.2		NINDA2xGUDU4 Has an element not independently listed in CDLI: GUDU4	NINDA2 TIMES GUDU4 VARIANT 2
1844.3		NINDA2xGUDU4	NINDA2 TIMES GUDU4 VARIANT 3

#	Glyph	CDLI Name	Unicode Name
Has an element not independently listed in CDLI: GUDU4			
1845		NINDA2xHI	NINDA2 TIMES HI
1846		NINDA2x(HI.AN.ME~a)	NINDA2 TIMES HI BESIDE AN BESIDE ME-A
1847		NINDA2x(HI.ME~a)	NINDA2 TIMES HI BESIDE ME-A
Correction for CDLI name: NINDA2x(HI+ME~a)			
1848		NINDA2x(HI.X)	NINDA2 TIMES HI BESIDE X
Has a fragmentary or missing portion			
1849		NINDA2x(HI@g~a.1(N06))	NINDA2 TIMES HI GUNU-A BESIDE ONE-N6
1850		NINDA2xKASZ~b	NINDA2 TIMES KASH-B
1851		NINDA2xMAR~b	NINDA2 TIMES MAR-B
1852		NINDA2xNE~a	NINDA2 TIMES NE-A
1853		NINDA2xSZIM~a	NINDA2 TIMES SHIM-A
1854		NINDA2xU4	NINDA2 TIMES U4
1855		NINDA2x(U4.X)	NINDA2 TIMES U4 BESIDE X
Has a fragmentary or missing portion			
1856		NINDA2x((UDU~axTAR)~a)	NINDA2 TIMES UDU-A TIMES TAR FORM A
Has an element not independently listed in CDLI: TAR			
1857		NINDA2x((UDU~axTAR)~b)	NINDA2 TIMES UDU-A TIMES TAR FORM B
Has an element not independently listed in CDLI: TAR			
1858		NINDA2xX	NINDA2 TIMES X
Has a fragmentary or missing portion			
1859		NINDA2x(X.MASZ)	NINDA2 TIMES X BESIDE MASH
Has a fragmentary or missing portion			
1860		NINDA2x(ZATU659x1(N01))	NINDA2 TIMES ZATU659 TIMES ONE-N1
1861		NIR~axAN	NIR-A TIMES AN

#	Glyph	CDLI Name	Unicode Name
1862		NU11&NU11	NU11 OVER NU11
1863		NUN~a+A	NUN-A JOINING A
1864		NUN~a+EN~a	NUN-A JOINING EN-A
1865		NUN~a+EN~b	NUN-A JOINING EN-B
1866		NUN~a+EN~d	NUN-A JOINING EN-D Has an element not independently listed in CDLI: EN~d
1867		NUN~a+NAM2	NUN-A JOINING NAM2
1868		NUN~b+EN~a	NUN-B JOINING EN-A
1869		PIRIG~b1xUR2	PIRIG-B1 TIMES UR2
1870		SAGx1(N14)	SAG TIMES ONE-N14
1871		SAGxGESZTU~a	SAG TIMES GESHTU-A
1872		SAGxGESZTU~b	SAG VARIANT 1 TIMES GESHTU-B
1872.1		SAGxGESZTU~b	SAG TIMES GESHTU-B VARIANT 1
1873		SAGxGESZTU~c	SAG TIMES GESHTU-C Has an element not independently listed in CDLI: GESZTU~c
1874		SAGxLAM~c	SAG TIMES LAM-C
1875		SAGxMA	SAG TIMES MA
1876		SAGxSAR~a	SAG TIMES SAR-A
1877		SALx1(N58)	SAL TIMES ONE-N58
1878		SAL . KUR~a	SAL BESIDE KUR-A
1879		SAL . LAM~b	SAL BESIDE LAM-B
1880		SAL . SZU2	SAL BESIDE SHU2

#	Glyph	CDLI Name	Unicode Name
1881		SAR~axSZE~a	SAR-A TIMES SHE-A
1882		(SZAxHI@g~a)~a	SHA TIMES HI GUNU-A FORM A
1883		(SZAxHI@g~a)~b	SHA TIMES HI GUNU-A FORM B
1884		SZE~a.KIN2~c	SHE-A BESIDE KIN2-C
1885		SZE~a.NAM2	SHE-A BESIDE NAM2
1885.1		SZE~a.NAM2	SHE-A BESIDE NAM2 VARIANT 1
1886		SZE~a&SZE~a	SHE-A OVER SHE-A
1887		SZEN~dxA	SHEN-D TIMES A
1888		SZITA~a1x1(N06)	SHITA-A1 TIMES ONE-N6
1889		SZITA~a1xKAK~a	SHITA-A1 TIMES KAK-A
1890		SZITA~a1xSZU	SHITA-A1 TIMES SHU
1891		SZITA~a1xSZU2	SHITA-A1 TIMES SHU2
1892		SZITA~a1xUDU~a	SHITA-A1 TIMES UDU-A
1893		SZITA~b1xHI@g~a	SHITA-B1 TIMES HI GUNU-A
1894		SZITA~b3xNAM2	SHITA-B3 TIMES NAM2
1895		SZITA@g~ax1(N04)	SHITA GUNU-A TIMES ONE-N4
1896		SZITA@g~ax1(N06)	SHITA GUNU-A TIMES ONE-N6
1897		SZUx1(N58)	SHU TIMES ONE-N58
1898		SZU&SZU	SHU OVER SHU
1899		SZU2.1(N02)	SHU2 BESIDE ONE-N2
1900		SZU2.2(N57)	SHU2 BESIDE TWO-N57

#	Glyph	CDLI Name	Unicode Name
1901		SZU2.AN	SHU2 BESIDE AN
1902		SZU2.E2~a	SHU2 BESIDE E2-A
1903		SZU2.E2~b	SHU2 BESIDE E2-B
1904		SZU2.EN~a	SHU2 BESIDE EN-A
1904.1		SZU2.EN~a	SHU2 BESIDE EN-A VARIANT 1
1905		SZU2.EN~b	SHU2 BESIDE EN-B
1906		SZU2.GISZ	SHU2 BESIDE GISH
1907		SZU2.((HIX1(N57))&(HIX1(N57))) Correction for CDLI name: SZU2.((HI+1(N57))+ (HI+1(N57)))	SHU2 BESIDE HI TIMES ONE-N57 OVER HI TIMES ONE-N57
1908		SZU2.URI3~a	SHU2 BESIDE URI3-A
1909		SIXGU4	SI TIMES GU4
1910		SIXSZE3	SI TIMES SHE3
1911		SIGx1(N57)	SIG TIMES ONE-N57
1912		SIG2~bx1(N14)	SIG2-B TIMES ONE-N14
1913		SIG2~b&SIG2~b Correction for CDLI name: SIG2~b.SIG2~b	SIG2-B OVER SIG2-B
1914		SILA3~ax1(N57)	SILA3-A TIMES ONE-N57
1915		SILA3~ax1(N58)	SILA3-A TIMES ONE-N58
1916		SILA3~axA	SILA3-A TIMES A
1917		SILA3~axAMAR	SILA3-A TIMES AMAR
1918		SILA3~axDUG~a	SILA3-A TIMES DUG-A
1918.1		SILA3~axDUG~a	SILA3-A TIMES DUG-A VARIANT 1

#	Glyph	CDLI Name	Unicode Name
1919		SILA3~axDUG~b	SILA3-A TIMES DUG-B
1920		SILA3~axGA~a	SILA3-A TIMES GA-A
1921		SILA3~axGARA2~a	SILA3-A TIMES GARA2-A
1922		SILA3~axGESZTU~a	SILA3-A TIMES GESHTU-A
1923		SILA3~axGESZTU~c3	SILA3-A TIMES GESHTU-C3
1924		SILA3~axGESZTU~c5	SILA3-A TIMES GESHTU-C5
1925		SILA3~axHASZHUR	SILA3-A TIMES HASHHUR
1926		SILA3~axHI	SILA3-A TIMES HI
1927		SILA3~axHI@g~a	SILA3-A TIMES HI GUNU-A
1928		SILA3~axIB~a	SILA3-A TIMES IB-A
1929		SILA3~axKASZ~a	SILA3-A TIMES KASH-A
1930		SILA3~axKASZ~c	SILA3-A TIMES KASH-C
1931		SILA3~axKASZ~d	SILA3-A TIMES KASH-D
1932		SILA3~axKU6~a	SILA3-A TIMES KU6-A
1933		SILA3~axKUR~a	SILA3-A TIMES KUR-A
1934		SILA3~axMA	SILA3-A TIMES MA
1935		SILA3~axMASZ	SILA3-A TIMES MASH
1936		SILA3~axNAGA~a	SILA3-A TIMES NAGA-A
1937		SILA3~axNI~a	SILA3-A TIMES NI-A
1938		SILA3~axNUN~b	SILA3-A TIMES NUN-B
1939		SILA3~axSZE~a	SILA3-A TIMES SHE-A

#	Glyph	CDLI Name	Unicode Name
1940		SILA3~axSZE~a@t	SILA3-A TIMES SHE-A TENU
1941		SILA3~axSZU	SILA3-A TIMES SHU
1942		SILA3~axSZU2	SILA3-A TIMES SHU2
1943		SILA3~axSUHUR	SILA3-A TIMES SUHUR
1944		SILA3~axSUM~a	SILA3-A TIMES SUM-A
1945		SILA3~axSUM~b	SILA3-A TIMES SUM-B
1946		SILA3~axX Has a fragmentary or missing portion	SILA3-A TIMES X
1947		SILA3~axZATU629	SILA3-A TIMES ZATU629
1948		SILA3~axZATU646	SILA3-A TIMES ZATU646
1949		SILA3~ax(ZATU659 . TU~c)	SILA3-A TIMES ZATU659 BESIDE TU-C
1950		SILA3~bxDUG~a	SILA3-B TIMES DUG-A
1951		SILA3~bxGUG2	SILA3-B TIMES GUG2
1952		SILA3~bxNAGA~b	SILA3-B TIMES NAGA-B
1953		SILA3~bxNI~a	SILA3-B TIMES NI-A
1954		SILA3~bxNI~b	SILA3-B TIMES NI-B
1955		SILA3~cxSZU	SILA3-C TIMES SHU
1956		SILA3~cxZATU687	SILA3-C TIMES ZATU687
1957		SILA3~dxNI~a Has an element not independently listed in CDLI: SILA3~d	SILA3-D TIMES NI-A
1958		SU~ax1(N58)	SU-A TIMES ONE-N58
1959		(SUKUD+SUKUD)~a	SUKUD JOINING SUKUD FORM A

#	Glyph	CDLI Name	Unicode Name
1960		(SUKUD+SUKUD)~b	SUKUD JOINING SUKUD FORM B
1961		(SUKUD+SUKUD)~c	SUKUD JOINING SUKUD FORM C
1962		(SUKUD+SUKUD)~d	SUKUD JOINING SUKUD FORM D
1963		TA~dxMASZ	TA-D TIMES MASH
1964		TUG2~a.(BAD&BAD)	TUG2-A BESIDE BAD OVER BAD
1965		TURxX Has a fragmentary or missing portion	TUR TIMES X
1966		TUR3~bxTAK4~a	TUR3-B TIMES TAK4-A
1967		U4x1(N01)	U4 TIMES ONE-N1
1968		U4x1(N01).5(N08)	U4 TIMES ONE-N1 BESIDE FIVE-N8
1969		U4x1(N01@f) Correction for CDLI name: U4x1(N01)F	U4 TIMES ONE-N1 FLAT
1970		U4.1(N08)	U4 BESIDE ONE-N8
1971		U4.1(N14)	U4 BESIDE ONE-N14
1972		U4x1(N14)	U4 TIMES ONE-N14
1973		U4x(1(N14).2(N01))	U4 TIMES ONE-N14 BESIDE TWO-N1
1974		U4.(1(N14).3(N08))	U4 BESIDE ONE-N14 BESIDE THREE-N8
1975		U4x(1(N14).4(N01))	U4 TIMES ONE-N14 BESIDE FOUR-N1
1976		U4.(1(N14).4(N08))	U4 BESIDE ONE-N14 BESIDE FOUR-N8
1977		U4.(1(N14).5(N08))	U4 BESIDE ONE-N14 BESIDE FIVE-N8
1978		U4x(1(N14).8(N01))	U4 TIMES ONE-N14 BESIDE EIGHT-N1
1979		U4.(1(N14).8(N08))	U4 BESIDE ONE-N14 BESIDE EIGHT-N8

#	Glyph	CDLI Name	Unicode Name
1980		U4x1(N57)	U4 TIMES ONE-N57
1981		U4x1(N58)@t	U4 TIMES ONE-N58 TENU
1982		U4x2(N01)	U4 TIMES TWO-N1
1983		U4x2(N01).2(N14)	U4 TIMES TWO-N1 BESIDE TWO-N14
1984		U4x2(N01).(2(N14).1(N08))	U4 TIMES TWO-N1 BESIDE TWO-N14 BESIDE ONE-N8
1985		U4x2(N01).X	U4 TIMES TWO-N1 BESIDE X
		Has a fragmentary or missing portion	
1986		U4.2(N08)	U4 BESIDE TWO-N8
1987		U4.2(N14)	U4 BESIDE TWO-N14
1988		U4x2(N14)	U4 TIMES TWO-N14
1989		U4x(2(N14).4(N01))	U4 TIMES TWO-N14 BESIDE FOUR-N1
1990		U4x2(N57)	U4 TIMES TWO-N57
1991		U4x3(N01)	U4 TIMES THREE-N1
1992		U4x3(N01).3(N08)	U4 TIMES THREE-N1 BESIDE THREE-N8
1993		U4.3(N08)	U4 BESIDE THREE-N8
1994		U4x(3(N14).2(N01))	U4 TIMES THREE-N14 BESIDE TWO-N1
1995		U4x(3(N14).7(N01))	U4 TIMES THREE-N14 BESIDE SEVEN-N1
1996		U4x3(N57)	U4 TIMES THREE-N57
1997		U4x4(N01)	U4 TIMES FOUR-N1
1998		U4x4(N01).2(N14)	U4 TIMES FOUR-N1 BESIDE TWO-N14
1999		U4.4(N08)	U4 BESIDE FOUR-N8
2000		U4x4(N57)	U4 TIMES FOUR-N57

#	Glyph	CDLI Name	Unicode Name
2001		U4x5(N01)	U4 TIMES FIVE-N1
2002		U4x5(N01).1(N14)	U4 TIMES FIVE-N1 BESIDE ONE-N14
2003		U4.5(N08)	U4 BESIDE FIVE-N8
2004		U4x5(N57)	U4 TIMES FIVE-N57
2005		U4x6(N01)	U4 TIMES SIX-N1
2006		U4.6(N08)	U4 BESIDE SIX-N8
2007		U4x6(N57)	U4 TIMES SIX-N57
2008		U4.7(N08)	U4 BESIDE SEVEN-N8
2009		U4x7(N57)	U4 TIMES SEVEN-N57
2010		U4x8(N01)	U4 TIMES EIGHT-N1
2011		U4x8(N01).X Has a fragmentary or missing portion	U4 TIMES EIGHT-N1 BESIDE X
2012		U4.8(N08)	U4 BESIDE EIGHT-N8
2013		U4x8(N57)	U4 TIMES EIGHT-N57
2014		U4x10(N57)	U4 TIMES TEN-N57
2015		U4x(X(N01)) Has a fragmentary or missing portion	U4 TIMES X-N1
2016		U4.SZU2	U4 BESIDE SHU2
2017		U4xX Has a fragmentary or missing portion	U4 TIMES X
2018		U4x(X+2(N01)) Has a fragmentary or missing portion	U4 TIMES X JOINING TWO-N1
2019		(U8xTAR)~b	U8 TIMES TAR FORM B

#	Glyph	CDLI Name	Unicode Name
		Has an element not independently listed in CDLI: TAR	
2020		(UDU~axTAR)~a	UDU-A TIMES TAR FORM A
		Has an element not independently listed in CDLI: TAR	
2021		(UDU~axTAR)~b	UDU-A TIMES TAR FORM B
		Has an element not independently listed in CDLI: TAR	
2022		UKKIN~bx2(N01)	UKKIN-B TIMES TWO-N1
2023		UKKIN~bx3(N01)	UKKIN-B TIMES THREE-N1
2024		UKKIN~bx5(N01)	UKKIN-B TIMES FIVE-N1
2025		UKKIN~bxDIN	UKKIN-B TIMES DIN
2026		UKKIN~bx(DIN.1(N01))	UKKIN-B TIMES DIN BESIDE ONE-N1
2027		UKKIN~bxDUG~a	UKKIN-B TIMES DUG-A
2028		UKKIN~bxHI@g~a	UKKIN-B TIMES HI GUNU-A
2029		UKKIN~bxNI~a	UKKIN-B TIMES NI-A
2030		UKKIN~bxX	UKKIN-B TIMES X
		Has a fragmentary or missing portion	
2031		UNUG~axA@t	UNUG-A TIMES A TENU
2032		UR~axKAR2	UR-A TIMES KAR2
		Has an element not independently listed in CDLI: KAR2	
2033		UR2x1(N57)	UR2 TIMES ONE-N57
2034		UR2xTAR	UR2 TIMES TAR
		Has an element not independently listed in CDLI: TAR	
2035		UR3~b1xMASZ	UR3-B1 TIMES MASH
2036		URI3~a+IB~a	URI3-A JOINING IB-A
2037		URU~a1x1(N57)	URU-A1 TIMES ONE-N57

#	Glyph	CDLI Name	Unicode Name
2038		URU~a1x2(N57)	URU-A1 TIMES TWO-N57
2039		URU~a1xA	URU-A1 TIMES A
2040		URU~a1xAMAR	URU-A1 TIMES AMAR
2041		URU~a1xGU4	URU-A1 TIMES GU4
2042		URU~a1xHI@g~a	URU-A1 TIMES HI GUNU-A
2043		URU~a1xNIMGIR	URU-A1 TIMES NIMGIR
2044		URU~a1xU4	URU-A1 TIMES U4
2045		URU~a1xX	URU-A1 TIMES X
		Has a fragmentary or missing portion	
2046		URU~a2x1(N58)	URU-A2 TIMES ONE-N58
2047		URU~a3xKALAM~a	URU-A3 TIMES KALAM-A
		Has an element not independently listed in CDLI: URU~a3	
2048		USZ~a&USZ~a	USH-A OVER USH-A
2049		USZ~bxTAR~c	USH-B TIMES TAR-C
		Has an element not independently listed in CDLI: TAR~c	
2049.1		USZ~bxTAR~c	USH-B TIMES TAR-C VARIANT 1
		Has an element not independently listed in CDLI: TAR~c	
2050		USZ~bxTAR~d	USH-B TIMES TAR-D
2051		USZ~b&USZ~b	USH-B OVER USH-B
2052		ZATU644~ax1(N14)	ZATU644-A TIMES ONE-N14
2053		ZATU651xAN	ZATU651 TIMES AN
2054		ZATU651xEN~a	ZATU651 TIMES EN-A
2055		ZATU651xGAR	ZATU651 TIMES GAR

#	Glyph	CDLI Name	Unicode Name
2056		ZATU651xMA	ZATU651 TIMES MA
2057		ZATU651xNUN~a	ZATU651 TIMES NUN-A
2058		ZATU651xSZE~a	ZATU651 TIMES SHE-A
2059		ZATU651xX Has a fragmentary or missing portion	ZATU651 TIMES X
2060		ZATU651xZAR~c	ZATU651 TIMES ZAR-C
2061		ZATU659x1(N01)	ZATU659 TIMES ONE-N1
2062		ZATU659x1(N14)	ZATU659 TIMES ONE-N14
2063		ZATU659x1(N58)@t	ZATU659 TIMES ONE-N58 TENU
2064		ZATU662x1(N14)	ZATU662 TIMES ONE-N14
2064.1		ZATU662x1(N14)	ZATU662 TIMES ONE-N14 VARIANT 1
2064.2		ZATU662x1(N14)	ZATU662 TIMES ONE-N14 VARIANT 2
2065		ZATU711xHI@g~a	ZATU711 TIMES HI GUNU-A
2066		ZATU711xX Has a fragmentary or missing portion	ZATU711 TIMES X
2067		ZATU714xHI@g~a	ZATU714 TIMES HI GUNU-A
2068		ZATU714.RU	ZATU714 BESIDE RU
2069		ZATU714xX Has a fragmentary or missing portion	ZATU714 TIMES X
2070		ZATU737xAB~a	ZATU737 TIMES AB-A
2071		ZATU737xBU~a	ZATU737 TIMES BU-A
2072		ZATU737xBUR~a	ZATU737 TIMES BUR-A
2073		ZATU737xDI	ZATU737 TIMES DI

#	Glyph	CDLI Name	Unicode Name
2073.1		ZATU737xDI	ZATU737 VARIANT 2 TIMES DI
2074		ZATU737xE~a	ZATU737 TIMES E-A
2075		ZATU737xEN~a	ZATU737 TIMES EN-A
2076		ZATU737xEN~b	ZATU737 TIMES EN-B
2077		ZATU737xGAR	ZATU737 TIMES GAR
2077.1		ZATU737xGAR	ZATU737 TIMES GAR VARIANT 1
2078		ZATU737xNI~a@g	ZATU737 TIMES NI-A GUNU
2079		ZATU737xNIMGIR	ZATU737 TIMES NIMGIR
2080		ZATU737xSAL	ZATU737 TIMES SAL
2081		ZATU737xSZE~a	ZATU737 TIMES SHE-A
2082		ZATU737xSZITA~a1	ZATU737 TIMES SHITA-A1
2083		ZATU737xSZITA@g~a	ZATU737 TIMES SHITA GUNU-A
2084		ZATU737xSU~a	ZATU737 TIMES SU-A
2085		ZATU737xU4	ZATU737 TIMES U4
2086		ZATU737xUNUG~a	ZATU737 TIMES UNUG-A
2087		ZATU737xX Has a fragmentary or missing portion	ZATU737 TIMES X
2088		ZATU759xKU6~a	ZATU759 TIMES KU6-A
2089		ZATU759x(KU6~a+KU6~a)	ZATU759 TIMES KU6-A JOINING KU6-A
2090		ZATU759xKU6~d	ZATU759 TIMES KU6-D
2091		ZATU759xX Has a fragmentary or missing portion	ZATU759 TIMES X

#	Glyph	CDLI Name	Unicode Name
2092		ZATU759@txX Has a fragmentary or missing portion Has an element not independently listed in CDLI: ZATU759@t	ZATU759 TENU TIMES X
2093		ZATU762~axNIM~a	ZATU762-A TIMES NIM-A
2094		ZATU762~bxAB~a	ZATU762-B TIMES AB-A
2095		(ZU&ZU) . SAR~a Has 2 instances of an element not independently listed in CDLI: zu	ZU OVER ZU BESIDE SAR-A

7 Summaries of sign types

7.1 Fragmentary Signs

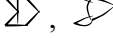
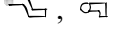
The following signs are fragmentary or have a component with an unknown identity:

1237		ZATU640	1517		(BU~a&BU~a) . X
1240		ZATU643	1528		DIM~axX
1258		ZATU670	1533		DU8~cxX
1311		ZATU704	1544		DUG~axX
1339		ZATU733	1568		DUG~bx (KUR~a . X)
1369		ZATU768	1581		DUG~bx (SI4~a . X)
1370		ZATU769	1594		DUG~bxX
1371		ZATU771	1594.1		DUG~bxX
1386		ZATU785	1624		EZEN~axX
1413		ZATU817	1626		GA~axX
1414		ZATU818	1663		GA2~a1xX
1487		X(N57) . GAR	1670		GA2~a2xX
1500		AB~axX	1671		GA2~a3xX

1686		GAN~cxX	1946		SILA3~axX
1690		GESZTIN~cxX	1965		TURxX
1698		(GI&GI) xX	1985		U4x2(N01).X
1705		GIxX	2011		U4x8(N01).X
1774		LAGAB~axX	2015		U4x(X(N01))
1787		LAGAB~bxX	2017		U4xX
1795		MAxX	2018		U4x(X+2(N01))
1807		MAH~axX	2030		UKKIN~bxX
1815		MAR~bxX	2045		URU~a1xX
1822		MUSZENxX	2059		ZATU651xX
1828		NI~bxX	2066		ZATU711xX
1836		NINDA2x(AN.X)	2069		ZATU714xX
1848		NINDA2x(HI.X)	2087		ZATU737xX
1855		NINDA2x(U4.X)	2091		ZATU759xX
1858		NINDA2xX	2092		ZATU759@txX
1859		NINDA2x(X.MASZ)			

7.2 Signs with Variants

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
35	1(N26)	1		
37	1(N27)	1		
41	1(N29~a)	1		
45	1(N30~a)	1		
241	5(N14)	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
269	6(N14)	1		
285	6(N57)	1		
325	9(N01)	1		
331	9(N18)	1		
332	9(N19)	1		
354	AB~a	1		
357	AB2	1		
358	ABGAL	1		
380	AMA~a	1		
382	AMAR	2		
384	AN	2		
393	ARARMA2~a	1		
406	BAHAR2~a	1		
407	BAHAR2~b	1		
410	BALA~b	1		
411	BALAG	1		
412	BAN~a	2		
426	BARA2~a	1		
427	BARA2~b	1		
432	BIR3~a	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
433	BIR3~b	1		
435	BU~a	1		
459	DARA3~c	1		
472	DIB	1		
473	DILMUN	2		
481	DU6~a	1		
486	DU8~b	1		
488	DU8~c@g	1		
490	DUB~b	4		
496	DUG~a	2		
497	DUG~b	1		
498	DUG~c	1		
517	EN~a	3		
518	EN~b	1		
520	EN~c	1		
527	ENKUM	1		
538	EZEN~a	1		
546	GA~a	4		
566	GAN~a	1		
567	GAN~b	3		
568	GAN~c	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
581	GESZTU~a	2		
583	GESZTU~c3	1		
585	GI	1		
589	GI6	1		
596	GIR~b	1		
615	GISZGAL	1		
619	GISZIMMAR~b1	2		
624	GU4	1		
626	GU7	1		
631	GUG2	1		
639	GUM~b	1		
640	GUM~b@n	1		
644	GURUSZ~a	1		
659	IDIGNA	1		
669	IN~b	1		
675	IR11	1		
677	ISZ~a	1		
678	ISZ~b	5		
693	KAL~b1	1		
704	KASZ~a	1		
705	KASZ~b	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
726	KINGAL	1		
734	KISZ	1		
738	KISIM~b	3		
740	KITI	1		
754	KUR~c	1		
789	LAM~b	2		
794	LI	1		
796	LU2	2		
798	LUGAL	1		
800	MA	1		
806	MAR~a	1		
815	MEN~a	1		
817	MES	1		
821	MUD	1		
838	MUSZ3~a	2		
839	MUSZ3~a@g	1		
846	NA2~a	1		
849	NAB	2		
852	NAGAR~a	3		
853	NAGAR~b	1		
861	NAMESZDA	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
862	NANNA~a	1		
867	NE~a	2		
872	NESAG2~a	1		
873	NESAG2~b	1		
884	NIMGIR	1		
886	NINDA2	1		
899	NUN~c	3		
907	NUNUZ~c	3		
908	PA~a	2		
915	PAP~b	1		
931	RU	1		
934	SA~c	1		
935	SAG	2		
940	SANGA~a	2		
941	SANGA~b	1		
946	SZA	2		
953	SZAB~a	1		
954	SZAB~b	1		
955	SZAGAN	1		
970	SZE3	1		
971	SZE3@t	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
974	SZEN~a	1		
975	SZEN~b	1		
978	SZEN~d	2		 , 
982	SZESZ~a	1		
986	SZIM~a	2		 , 
988	SZIR~a	1		
989	SZIR~b	2		 , 
997	SZITA@g~a	1		
1002	SZU2	1		
1008	SZURUPPAK~a	1		
1009	SZURUPPAK~b	1		
1011	SI	1		
1015	SI4~d	1		
1016	SI4~f	1		
1021	SIG2~a3	2		 , 
1027	SIG2~d2	1		
1032	SIG7	1		
1042	SIMUG	1		
1044	SU~a	1		
1056	SUKUD@g~b	1		
1059	SUM~a	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
1079	TAK4~a	1		
1085	TI	1		
1095	TUG2~a@g	1		
1107	TUR	3		
1114	U2~b	2		
1118	U8	3		
1121	UBI~c	1		
1122	UD5~a	2		
1137	UKKIN~a	1		
1138	UKKIN~b	1		
1144	UMUN2	1		
1145	UNUG~a	1		
1154	UR3~a1	1		
1166	URI3~a	1		
1175	URUDU~a	2		
1183	USZ~b	1		
1190	UTUA~b	1		
1200	ZAG~a	1		
1213	ZATU623	2		
1217	ZATU625	1		
1222	ZATU628~a	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
1224	ZATU629	1		
1227	ZATU632~a	1		
1234	ZATU636	1		
1244	ZATU647	1		
1246	ZATU649	1		
1248	ZATU651	2		 , 
1251	ZATU662	3		 ,  , 
1262	ZATU675~b	1		
1273	ZATU680~b	1		
1293	ZATU693	2		 , 
1297	ZATU694~c	1		
1302	ZATU697~a	3		 ,  , 
1318	ZATU710	1		
1319	ZATU711	1		
1330	ZATU725	1		
1336	ZATU729	1		
1342	ZATU735~b	2		 , 
1346	ZATU737	2		 , 
1347	ZATU749~a	2		 , 
1350	ZATU750	3		 ,  , 
1353	ZATU752	1		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
1358	ZATU756	1		
1359	ZATU757	1		
1361	ZATU759	1		
1363	ZATU762~a	2		
1373	ZATU773~a	1		
1377	ZATU776	1		
1378	ZATU777	2		
1434	ZATU839	1		
1451	ZI~a	1		
1462	1(N57).SZUBUR	1		
1464	1(N58).BAD~b	1		
1505	AB2x2(N14)	1		
1514	(BU~a&BU~a).NA2~a	1		
1518	BU~a+DU6~a	1		
1525	DARA3~dxKAR2	2		
1545	DUG~bx1(N57)	1		
1553	DUG~bxDIN	1		
1559	DUG~bxGESZTU~a	1		
1563	DUG~bxHI	1		
1572	DUG~bxMASZ	1		
1578	DUG~bxSIZE~a	2		

#	CDLI Sign Name	Variants	Primary Glyph	Variant Glyphs
1591	DUG~bxU2~b	1		
1594	DUG~bxX	1		
1601	DUG~cx1(N57)	2		
1616	EZEN~axLA~e	1		
1625	EZEN~bx6(N57)	1		
1627	GA~a.ZATU753	1		
1738	HI.SUHUR	2		
1742	KA~a.SZE~a	1		
1844	NINDA2xGUDU4	3		
1872	SAGxGESZTU~b	1		
1885	SZE~a.NAM2	1		
1904	SZU2.EN~a	1		
1918	SILA3~axDUG~a	1		
2049	USZ~bxTAR~c	1		
2064	ZATU662x1(N14)	2		
2073	ZATU737xDI	1		
2077	ZATU737xGAR	1		

7.3 Signs in compounds without independent attestation

There are 21 signs that occur in compounds, but which are not attested independently:

Unitemized	Occurrence	CDLI Name	Serial #
1N57@t		E2~bx1(N57)@t	1605
		HIx1(N57)@t	1734
ANSZE~d		DUG~bxANSZE~d	1550
BAD~a		1(N58).BAD~a	1463
BAD~b		1(N58).BAD~b	1464
		1(N58).BAD~b	1464.1
DISZ		DUxDISZ	1529
		DU6~axDISZ	1530
		(DUBxDISZ)~a	1534
		(DUBxDISZ)~b	1535
		(DUBxDISZ)~c	1536
DUB		(DUBxDISZ)~a	1534
		(DUBxDISZ)~b	1535
		(DUBxDISZ)~c	1536
EN~d		NUN~a+EN~d	1866
GESZTU~c		SAGxGESZTU~c	1873
GUDU4		NINDA2xGUDU4	1844
		NINDA2xGUDU4	1844.1
		NINDA2xGUDU4	1844.2

Unitemized	Occurrence	CDLI Name	Serial #
		NINDA2xGUDU4	1844.3
GURUSZ~c		GURUSZ~cx2(N14)	1729
KA2		KA2xLAM	1743
KAR2		DARA3~cxKAR2	1523
		DARA3~cx(KAR2.SZE~a)	1524
		DARA3~dxKAR2	1525
		DARA3~dxKAR2	1525.1
		DARA3~dxKAR2	1525.2
		DARA3~dx(KAR2.SZE~a)	1526
		GIR3~cxKAR2	1712
		UR~axKAR2	2032
KUR~e		LAGAB~bxKUR~e	1780
LAM		KA2xLAM	1743
NA2~a@n		(BU~a&BU~a) .NA2~a@n	1515
NA2~b		(BU~a&BU~a) .NA2~b	1516
SILA3~d		SILA3~dxNI~a	1957
SZU2~a		GISZxSZU2~a	1717
SZU2~b		GISZxSZU2~b	1718
TAR		AMARxTAR	1509
		ESZDaxTAR	1610
		NINDA2x((UDU~axTAR)~a)	1856

Unitemized	Occurrence	CDLI Name	Serial #
		NINDA2x((UDU~axTAR)~b)	1857
		(U8xTAR)~b	2019
		(UDU~axTAR)~a	2020
		(UDU~axTAR)~b	2021
		UR2xTAR	2034
TAR~c		USZ~bxTAR~c	2049
		USZ~bxTAR~c	2049.1
URU~a3		URU~a3xKALAM~a	2047
ZATU759@t		ZATU759@txX	2092
ZU		(ZU&ZU) .SAR~a	2095

Feedback from experts regarding these signs is requested. It may be necessary to define these components as individual signs.

8 Comparison of Signs from Previous Proposals

The following table shows correspondences between the 277 signs proposed in L2/17-157 and those proposed in the current document. While names for several signs have remained the same, changes have been made to 97 proposed character names. These are denoted using a ‘→’ before the new name.

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN A	PROTO-CUNEIFORM SIGN A
	PROTO-CUNEIFORM SIGN AB-A	PROTO-CUNEIFORM SIGN AB-A
	PROTO-CUNEIFORM SIGN AB-B	PROTO-CUNEIFORM SIGN AB-B
	PROTO-CUNEIFORM SIGN AB2	PROTO-CUNEIFORM SIGN AB2
	PROTO-CUNEIFORM SIGN ABGAL	PROTO-CUNEIFORM SIGN ABGAL
	PROTO-CUNEIFORM SIGN AD-A	PROTO-CUNEIFORM SIGN AD-A

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN AGAR2	PROTO-CUNEIFORM SIGN AGAR2
	PROTO-CUNEIFORM SIGN AK-A	PROTO-CUNEIFORM SIGN AK-A
	PROTO-CUNEIFORM SIGN AL	PROTO-CUNEIFORM SIGN AL
	PROTO-CUNEIFORM SIGN AMA-A	PROTO-CUNEIFORM SIGN AMA-A
	PROTO-CUNEIFORM SIGN AMAR	PROTO-CUNEIFORM SIGN AMAR
	PROTO-CUNEIFORM SIGN AN	PROTO-CUNEIFORM SIGN AN
	PROTO-CUNEIFORM SIGN ANSHE-B	PROTO-CUNEIFORM SIGN ANSHE-B
	PROTO-CUNEIFORM SIGN APIN-A	PROTO-CUNEIFORM SIGN APIN-A
	PROTO-CUNEIFORM SIGN BA	PROTO-CUNEIFORM SIGN BA
	PROTO-CUNEIFORM SIGN BAD-A	→ PROTO-CUNEIFORM SIGN ONE-N58 BESIDE BAD-A
	PROTO-CUNEIFORM SIGN BALA-A	PROTO-CUNEIFORM SIGN BALA-A
	PROTO-CUNEIFORM SIGN BAR	PROTO-CUNEIFORM SIGN BAR
	PROTO-CUNEIFORM SIGN BU-A	PROTO-CUNEIFORM SIGN BU-A
	PROTO-CUNEIFORM SIGN DA-A	PROTO-CUNEIFORM SIGN DA-A
	PROTO-CUNEIFORM SIGN DARA4-A1	PROTO-CUNEIFORM SIGN DARA4-A1
	PROTO-CUNEIFORM SIGN DI	PROTO-CUNEIFORM SIGN DI
	PROTO-CUNEIFORM SIGN DIM-C	PROTO-CUNEIFORM SIGN DIM-C
	PROTO-CUNEIFORM SIGN DIN	PROTO-CUNEIFORM SIGN DIN
	PROTO-CUNEIFORM SIGN DU	PROTO-CUNEIFORM SIGN DU
	PROTO-CUNEIFORM SIGN DU6-B	PROTO-CUNEIFORM SIGN DU6-B
	PROTO-CUNEIFORM SIGN DUB-A	PROTO-CUNEIFORM SIGN DUB-A
	PROTO-CUNEIFORM SIGN DUG-A	PROTO-CUNEIFORM SIGN DUG-A
	PROTO-CUNEIFORM SIGN DUG-B	PROTO-CUNEIFORM SIGN DUG-B
	PROTO-CUNEIFORM SIGN DUG-B TIMES SIG7	PROTO-CUNEIFORM SIGN DUG-B TIMES SIG7
	PROTO-CUNEIFORM SIGN DUG-C	PROTO-CUNEIFORM SIGN DUG-C
	PROTO-CUNEIFORM SIGN DUR2	PROTO-CUNEIFORM SIGN DUR2
	PROTO-CUNEIFORM SIGN E2-A	PROTO-CUNEIFORM SIGN E2-A
	PROTO-CUNEIFORM SIGN E2-B	PROTO-CUNEIFORM SIGN E2-B

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN EN-A	PROTO-CUNEIFORM SIGN EN-A
	PROTO-CUNEIFORM SIGN ERIM-A	PROTO-CUNEIFORM SIGN ERIM-A
	PROTO-CUNEIFORM SIGN ERIN	PROTO-CUNEIFORM SIGN ERIN
	PROTO-CUNEIFORM SIGN EZEN-B	PROTO-CUNEIFORM SIGN EZEN-B
	PROTO-CUNEIFORM SIGN GAAR-A1	PROTO-CUNEIFORM SIGN GAAR-A1
	PROTO-CUNEIFORM SIGN GA-A	PROTO-CUNEIFORM SIGN GA-A
	PROTO-CUNEIFORM SIGN GA-B	PROTO-CUNEIFORM SIGN GA-B
	PROTO-CUNEIFORM SIGN GA2-A1	PROTO-CUNEIFORM SIGN GA2-A1
	PROTO-CUNEIFORM SIGN GADA-A	PROTO-CUNEIFORM SIGN GADA-A
	PROTO-CUNEIFORM SIGN GAL-A	PROTO-CUNEIFORM SIGN GAL-A
	PROTO-CUNEIFORM SIGN GAN-A	PROTO-CUNEIFORM SIGN GAN-A
	PROTO-CUNEIFORM SIGN GAN-B	PROTO-CUNEIFORM SIGN GAN-B
	PROTO-CUNEIFORM SIGN GAN2	PROTO-CUNEIFORM SIGN GAN2
	PROTO-CUNEIFORM SIGN GAR	PROTO-CUNEIFORM SIGN GAR
	PROTO-CUNEIFORM SIGN GARA2-A	PROTO-CUNEIFORM SIGN GARA2-A
	PROTO-CUNEIFORM SIGN GAZI	PROTO-CUNEIFORM SIGN GAZI
	PROTO-CUNEIFORM SIGN GI	PROTO-CUNEIFORM SIGN GI
	PROTO-CUNEIFORM SIGN GI OVER GI	PROTO-CUNEIFORM SIGN GI OVER GI
	PROTO-CUNEIFORM SIGN GI6	PROTO-CUNEIFORM SIGN GI6
	PROTO-CUNEIFORM SIGN GIBIL	PROTO-CUNEIFORM SIGN GIBIL
	PROTO-CUNEIFORM SIGN GIR2-A	PROTO-CUNEIFORM SIGN GIR2-A
	PROTO-CUNEIFORM SIGN GIR3-GUNU-B	→ PROTO-CUNEIFORM SIGN GIR3 GUNU-B
	PROTO-CUNEIFORM SIGN GIR3-C	PROTO-CUNEIFORM SIGN GIR3-C
	PROTO-CUNEIFORM SIGN GISH	PROTO-CUNEIFORM SIGN GISH
	PROTO-CUNEIFORM SIGN GISH3	→ PROTO-CUNEIFORM SIGN GISH3-B
	PROTO-CUNEIFORM SIGN GISHIMMAR-B1	PROTO-CUNEIFORM SIGN GISHIMMAR-B1
	PROTO-CUNEIFORM SIGN GU	PROTO-CUNEIFORM SIGN GU
	PROTO-CUNEIFORM SIGN GU4	PROTO-CUNEIFORM SIGN GU4

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN GU7	PROTO-CUNEIFORM SIGN GU7
	PROTO-CUNEIFORM SIGN GUG2	PROTO-CUNEIFORM SIGN GUG2
	PROTO-CUNEIFORM SIGN HAL	PROTO-CUNEIFORM SIGN HAL
	PROTO-CUNEIFORM SIGN HASHHUR	PROTO-CUNEIFORM SIGN HASHHUR
	PROTO-CUNEIFORM SIGN HI	PROTO-CUNEIFORM SIGN HI
	PROTO-CUNEIFORM SIGN HI AT G-A	→ PROTO-CUNEIFORM SIGN HI GUNU-A
	PROTO-CUNEIFORM SIGN IB-A	PROTO-CUNEIFORM SIGN IB-A
	PROTO-CUNEIFORM SIGN IM-A	PROTO-CUNEIFORM SIGN IM-A
	PROTO-CUNEIFORM SIGN IN-B	PROTO-CUNEIFORM SIGN IN-B
	PROTO-CUNEIFORM SIGN IR-A	PROTO-CUNEIFORM SIGN IR-A
	PROTO-CUNEIFORM SIGN ISH-B	PROTO-CUNEIFORM SIGN ISH-B
	PROTO-CUNEIFORM SIGN KA-A	PROTO-CUNEIFORM SIGN KA-A
	PROTO-CUNEIFORM SIGN KAB	PROTO-CUNEIFORM SIGN KAB
	PROTO-CUNEIFORM SIGN KAK-A	PROTO-CUNEIFORM SIGN KAK-A
	PROTO-CUNEIFORM SIGN KAR2-A	PROTO-CUNEIFORM SIGN KAR2-A
	PROTO-CUNEIFORM SIGN KAR2-B	PROTO-CUNEIFORM SIGN KAR2-B
	PROTO-CUNEIFORM SIGN KASH-A	PROTO-CUNEIFORM SIGN KASH-A
	PROTO-CUNEIFORM SIGN KASH-B	PROTO-CUNEIFORM SIGN KASH-B
	PROTO-CUNEIFORM SIGN KASH-C	PROTO-CUNEIFORM SIGN KASH-C
	PROTO-CUNEIFORM SIGN KI	PROTO-CUNEIFORM SIGN KI
	PROTO-CUNEIFORM SIGN KID-A	PROTO-CUNEIFORM SIGN KID-A
	PROTO-CUNEIFORM SIGN KID-B	PROTO-CUNEIFORM SIGN KID-B
	PROTO-CUNEIFORM SIGN KISAL-B1	PROTO-CUNEIFORM SIGN KISAL-B1
	PROTO-CUNEIFORM SIGN KISIM-A	PROTO-CUNEIFORM SIGN KISIM-A
	PROTO-CUNEIFORM SIGN KISH	PROTO-CUNEIFORM SIGN KISH
	PROTO-CUNEIFORM SIGN KISHIK-A	PROTO-CUNEIFORM SIGN KISHIK-A
	PROTO-CUNEIFORM SIGN KU-B1	PROTO-CUNEIFORM SIGN KU-B1
	PROTO-CUNEIFORM SIGN KU3-A	PROTO-CUNEIFORM SIGN KU3-A

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN KU6-A	PROTO-CUNEIFORM SIGN KU6-A
	PROTO-CUNEIFORM SIGN KUR-A	PROTO-CUNEIFORM SIGN KUR-A
	PROTO-CUNEIFORM SIGN LA-2	→ PROTO-CUNEIFORM SIGN LA2
	PROTO-CUNEIFORM SIGN LAGAB-A	PROTO-CUNEIFORM SIGN LAGAB-A
	PROTO-CUNEIFORM SIGN LAGAR-A	PROTO-CUNEIFORM SIGN LAGAR-A
	PROTO-CUNEIFORM SIGN MA	PROTO-CUNEIFORM SIGN MA
	PROTO-CUNEIFORM SIGN MAR-A	PROTO-CUNEIFORM SIGN MAR-A
	PROTO-CUNEIFORM SIGN MASH	PROTO-CUNEIFORM SIGN MASH
	PROTO-CUNEIFORM SIGN MASH2	PROTO-CUNEIFORM SIGN MASH2
	PROTO-CUNEIFORM SIGN ME-A	PROTO-CUNEIFORM SIGN ME-A
	PROTO-CUNEIFORM SIGN MES	PROTO-CUNEIFORM SIGN MES
	PROTO-CUNEIFORM SIGN MU	PROTO-CUNEIFORM SIGN MU
	PROTO-CUNEIFORM SIGN MUD	PROTO-CUNEIFORM SIGN MUD
	PROTO-CUNEIFORM SIGN MUD3-A	PROTO-CUNEIFORM SIGN MUD3-A
	PROTO-CUNEIFORM SIGN MUNU3	PROTO-CUNEIFORM SIGN MUNU3
	PROTO-CUNEIFORM SIGN MUSH-A	→ PROTO-CUNEIFORM SIGN MUSH3-A
	PROTO-CUNEIFORM SIGN MUSHEN	PROTO-CUNEIFORM SIGN MUSHEN
	PROTO-CUNEIFORM SIGN NA-A	PROTO-CUNEIFORM SIGN NA-A
	PROTO-CUNEIFORM SIGN NA2-A	PROTO-CUNEIFORM SIGN NA2-A
	PROTO-CUNEIFORM SIGN NAGA-A	PROTO-CUNEIFORM SIGN NAGA-A
	PROTO-CUNEIFORM SIGN NAGAR-A	PROTO-CUNEIFORM SIGN NAGAR-A
	PROTO-CUNEIFORM SIGN NAGAR-B	PROTO-CUNEIFORM SIGN NAGAR-B
	PROTO-CUNEIFORM SIGN NAM2	PROTO-CUNEIFORM SIGN NAM2
	PROTO-CUNEIFORM SIGN NAMESHDA	PROTO-CUNEIFORM SIGN NAMESHDA
	PROTO-CUNEIFORM SIGN NAR	PROTO-CUNEIFORM SIGN NAR
	PROTO-CUNEIFORM SIGN NE-A	PROTO-CUNEIFORM SIGN NE-A
	PROTO-CUNEIFORM SIGN NESAG2-A	PROTO-CUNEIFORM SIGN NESAG2-A
	PROTO-CUNEIFORM SIGN NI-A	PROTO-CUNEIFORM SIGN NI-A

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN NI-A RU	→ PROTO-CUNEIFORM SIGN NI-A BESIDE RU
	PROTO-CUNEIFORM SIGN NI-B	PROTO-CUNEIFORM SIGN NI-B
	PROTO-CUNEIFORM SIGN NIM-A	PROTO-CUNEIFORM SIGN NIM-A
	PROTO-CUNEIFORM SIGN NIM-B1	PROTO-CUNEIFORM SIGN NIM-B1
	PROTO-CUNEIFORM SIGN NIMGIR	PROTO-CUNEIFORM SIGN NIMGIR
	PROTO-CUNEIFORM SIGN NIN	PROTO-CUNEIFORM SIGN NIN
	PROTO-CUNEIFORM SIGN NU	PROTO-CUNEIFORM SIGN NU
	PROTO-CUNEIFORM SIGN NUN-A	PROTO-CUNEIFORM SIGN NUN-A
	PROTO-CUNEIFORM SIGN NUN-B	PROTO-CUNEIFORM SIGN NUN-B
	PROTO-CUNEIFORM SIGN NUNUZ-A1	PROTO-CUNEIFORM SIGN NUNUZ-A1
	PROTO-CUNEIFORM SIGN PA-A	PROTO-CUNEIFORM SIGN PA-A
	PROTO-CUNEIFORM SIGN PAP-A	PROTO-CUNEIFORM SIGN PAP-A
	PROTO-CUNEIFORM SIGN PIRIG-B1	PROTO-CUNEIFORM SIGN PIRIG-B1
	PROTO-CUNEIFORM SIGN PU2	PROTO-CUNEIFORM SIGN PU2
	PROTO-CUNEIFORM SIGN RAD-A	PROTO-CUNEIFORM SIGN RAD-A
	PROTO-CUNEIFORM SIGN RU	PROTO-CUNEIFORM SIGN RU
	PROTO-CUNEIFORM SIGN SAG	PROTO-CUNEIFORM SIGN SAG
	PROTO-CUNEIFORM SIGN SAL	PROTO-CUNEIFORM SIGN SAL
	PROTO-CUNEIFORM SIGN SANGA-A	PROTO-CUNEIFORM SIGN SANGA-A
	PROTO-CUNEIFORM SIGN SAR-A	PROTO-CUNEIFORM SIGN SAR-A
	PROTO-CUNEIFORM SIGN SI	PROTO-CUNEIFORM SIGN SI
	PROTO-CUNEIFORM SIGN SI4-F	PROTO-CUNEIFORM SIGN SI4-F
	PROTO-CUNEIFORM SIGN SIG	PROTO-CUNEIFORM SIGN SIG
	PROTO-CUNEIFORM SIGN SIG2-B	PROTO-CUNEIFORM SIGN SIG2-B
	PROTO-CUNEIFORM SIGN SIG7	PROTO-CUNEIFORM SIGN SIG7
	PROTO-CUNEIFORM SIGN SU-A	PROTO-CUNEIFORM SIGN SU-A
	PROTO-CUNEIFORM SIGN SUG5	PROTO-CUNEIFORM SIGN SUG5
	PROTO-CUNEIFORM SIGN SUHUR	PROTO-CUNEIFORM SIGN SUHUR

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN SUKKAL	PROTO-CUNEIFORM SIGN SUKKAL
	PROTO-CUNEIFORM SIGN SUM-A	PROTO-CUNEIFORM SIGN SUM-A
	PROTO-CUNEIFORM SIGN SHA	PROTO-CUNEIFORM SIGN SHA
	PROTO-CUNEIFORM SIGN SHA3-A1	PROTO-CUNEIFORM SIGN SHA3-A1
	PROTO-CUNEIFORM SIGN SHAB-A	PROTO-CUNEIFORM SIGN SHAB-A
	PROTO-CUNEIFORM SIGN SHAGAN	PROTO-CUNEIFORM SIGN SHAGAN
	PROTO-CUNEIFORM SIGN SHAM2	PROTO-CUNEIFORM SIGN SHAM2
	PROTO-CUNEIFORM SIGN SHE-A	PROTO-CUNEIFORM SIGN SHE-A
	PROTO-CUNEIFORM SIGN SHE-A NAM2	→ PROTO-CUNEIFORM SIGN SHE-A BESIDE NAM2
	PROTO-CUNEIFORM SIGN SHE3	PROTO-CUNEIFORM SIGN SHE3
	PROTO-CUNEIFORM SIGN SHITA-A1	PROTO-CUNEIFORM SIGN SHITA-A1
	PROTO-CUNEIFORM SIGN SHU	PROTO-CUNEIFORM SIGN SHU
	PROTO-CUNEIFORM SIGN SHU2	PROTO-CUNEIFORM SIGN SHU2
	PROTO-CUNEIFORM SIGN SHUBUR	PROTO-CUNEIFORM SIGN SHUBUR
	PROTO-CUNEIFORM SIGN TAK4-A	PROTO-CUNEIFORM SIGN TAK4-A
	PROTO-CUNEIFORM SIGN TAR-A	PROTO-CUNEIFORM SIGN TAR-A
	PROTO-CUNEIFORM SIGN TE	PROTO-CUNEIFORM SIGN TE
	PROTO-CUNEIFORM SIGN TI	PROTO-CUNEIFORM SIGN TI
	PROTO-CUNEIFORM SIGN TUG2-A	PROTO-CUNEIFORM SIGN TUG2-A
	PROTO-CUNEIFORM SIGN TUG2-A-GUNU	→ PROTO-CUNEIFORM SIGN TUG2-A GUNU
	PROTO-CUNEIFORM SIGN TUN3-A	PROTO-CUNEIFORM SIGN TUN3-A
	PROTO-CUNEIFORM SIGN TUR	PROTO-CUNEIFORM SIGN TUR
	PROTO-CUNEIFORM SIGN TUR3-A	PROTO-CUNEIFORM SIGN TUR3-A
	PROTO-CUNEIFORM SIGN U2-A	PROTO-CUNEIFORM SIGN U2-A
	PROTO-CUNEIFORM SIGN U2-B	PROTO-CUNEIFORM SIGN U2-B
	PROTO-CUNEIFORM SIGN U4	PROTO-CUNEIFORM SIGN U4
	PROTO-CUNEIFORM SIGN U4 TIMES ONE	→ PROTO-CUNEIFORM SIGN U4 TIMES ONE-N1
	PROTO-CUNEIFORM SIGN U8	PROTO-CUNEIFORM SIGN U8

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM SIGN UB	PROTO-CUNEIFORM SIGN UB
	PROTO-CUNEIFORM SIGN UD5-A	PROTO-CUNEIFORM SIGN UD5-A
	PROTO-CUNEIFORM SIGN UDU-A	PROTO-CUNEIFORM SIGN UDU-A
	PROTO-CUNEIFORM SIGN UDUNITA-A	PROTO-CUNEIFORM SIGN UDUNITA-A
	PROTO-CUNEIFORM SIGN UKKIN-A	PROTO-CUNEIFORM SIGN UKKIN-A
	PROTO-CUNEIFORM SIGN UMUN2	PROTO-CUNEIFORM SIGN UMUN2
	PROTO-CUNEIFORM SIGN UNUG-A	PROTO-CUNEIFORM SIGN UNUG-A
	PROTO-CUNEIFORM SIGN UR-A	PROTO-CUNEIFORM SIGN UR-A
	PROTO-CUNEIFORM SIGN UR2	PROTO-CUNEIFORM SIGN UR2
	PROTO-CUNEIFORM SIGN UR5-A	PROTO-CUNEIFORM SIGN UR5-A
	PROTO-CUNEIFORM SIGN URI3-A	PROTO-CUNEIFORM SIGN URI3-A
	PROTO-CUNEIFORM SIGN URU-A1	PROTO-CUNEIFORM SIGN URU-A1
	PROTO-CUNEIFORM SIGN UTUA-A	PROTO-CUNEIFORM SIGN UTUA-A
	PROTO-CUNEIFORM SIGN UTUL-A	PROTO-CUNEIFORM SIGN UTUL-A
	PROTO-CUNEIFORM SIGN ZAG-A	PROTO-CUNEIFORM SIGN ZAG-A
	PROTO-CUNEIFORM SIGN ZATU-647	→ PROTO-CUNEIFORM SIGN ZATU647
	PROTO-CUNEIFORM SIGN ZATU-659	→ PROTO-CUNEIFORM SIGN ZATU659
	PROTO-CUNEIFORM SIGN ZATU-649-C	→ PROTO-CUNEIFORM SIGN ZATU694-C
	PROTO-CUNEIFORM SIGN ZATU-737 TIMES DI	→ PROTO-CUNEIFORM SIGN ZATU737 TIMES DI
	PROTO-CUNEIFORM SIGN ZATU-737 TIMES SAL	→ PROTO-CUNEIFORM SIGN ZATU737 TIMES SAL
	PROTO-CUNEIFORM SIGN ZATU-752	→ PROTO-CUNEIFORM SIGN ZATU752
	PROTO-CUNEIFORM SIGN ZATU-753	→ PROTO-CUNEIFORM SIGN ZATU753
	PROTO-CUNEIFORM SIGN ZI-A	PROTO-CUNEIFORM SIGN ZI-A
	PROTO-CUNEIFORM NUMBER N1	→ PROTO-CUNEIFORM NUMBER ONE-N1
	PROTO-CUNEIFORM NUMBER N2	→ PROTO-CUNEIFORM NUMBER ONE-N2
	PROTO-CUNEIFORM NUMBER N2 RU	→ PROTO-CUNEIFORM SIGN ONE-N2 BESIDE RU
	PROTO-CUNEIFORM NUMBER N3	→ PROTO-CUNEIFORM NUMBER ONE-N3
	PROTO-CUNEIFORM NUMBER N4	→ PROTO-CUNEIFORM NUMBER ONE-N4

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM NUMBER N5	→ PROTO-CUNEIFORM NUMBER ONE-N5
	PROTO-CUNEIFORM NUMBER N6	→ PROTO-CUNEIFORM NUMBER ONE-N6
	PROTO-CUNEIFORM NUMBER N7-A	→ PROTO-CUNEIFORM NUMBER ONE-N7-A
	PROTO-CUNEIFORM NUMBER N7-B	→ PROTO-CUNEIFORM NUMBER ONE-N7-B
	PROTO-CUNEIFORM NUMBER N8	→ PROTO-CUNEIFORM NUMBER ONE-N8
	PROTO-CUNEIFORM NUMBER N8-B	→ PROTO-CUNEIFORM NUMBER ONE-N8-B
	PROTO-CUNEIFORM NUMBER N9	→ PROTO-CUNEIFORM NUMBER ONE-N9
	PROTO-CUNEIFORM NUMBER N11	→ PROTO-CUNEIFORM NUMBER ONE-N11
	PROTO-CUNEIFORM NUMBER N12	→ PROTO-CUNEIFORM NUMBER ONE-N12
	PROTO-CUNEIFORM NUMBER N14	→ PROTO-CUNEIFORM NUMBER ONE-N14
	PROTO-CUNEIFORM NUMBER N15	→ PROTO-CUNEIFORM NUMBER ONE-N15
	PROTO-CUNEIFORM NUMBER N16	→ PROTO-CUNEIFORM NUMBER ONE-N16
	PROTO-CUNEIFORM NUMBER N17	→ PROTO-CUNEIFORM NUMBER ONE-N17
	PROTO-CUNEIFORM NUMBER N18	→ PROTO-CUNEIFORM NUMBER ONE-N18
	PROTO-CUNEIFORM NUMBER N19	→ PROTO-CUNEIFORM NUMBER ONE-N19
	PROTO-CUNEIFORM NUMBER N20	→ PROTO-CUNEIFORM NUMBER ONE-N20
	PROTO-CUNEIFORM NUMBER N22	→ PROTO-CUNEIFORM NUMBER ONE-N22
	PROTO-CUNEIFORM NUMBER N23	→ PROTO-CUNEIFORM NUMBER ONE-N23
	PROTO-CUNEIFORM NUMBER N24	→ PROTO-CUNEIFORM NUMBER ONE-N24
	PROTO-CUNEIFORM NUMBER N24-A	→ PROTO-CUNEIFORM NUMBER ONE-N24-A
	PROTO-CUNEIFORM NUMBER N24-B	→ PROTO-CUNEIFORM NUMBER ONE-N24-B
	PROTO-CUNEIFORM NUMBER N25	→ PROTO-CUNEIFORM NUMBER ONE-N25
	PROTO-CUNEIFORM NUMBER N26	→ PROTO-CUNEIFORM NUMBER ONE-N26
	PROTO-CUNEIFORM NUMBER N26-B	→ PROTO-CUNEIFORM NUMBER ONE-N26-B
	PROTO-CUNEIFORM NUMBER N27	→ PROTO-CUNEIFORM NUMBER ONE-N27
	PROTO-CUNEIFORM NUMBER N28	→ PROTO-CUNEIFORM NUMBER ONE-N28
	PROTO-CUNEIFORM NUMBER N28-B	→ PROTO-CUNEIFORM NUMBER ONE-N28-B
	PROTO-CUNEIFORM NUMBER N28-C	→ PROTO-CUNEIFORM NUMBER ONE-N28-C

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM NUMBER N29-A	→ PROTO-CUNEIFORM NUMBER ONE-N29-A
	PROTO-CUNEIFORM NUMBER N29-B	→ PROTO-CUNEIFORM NUMBER ONE-N29-B
	PROTO-CUNEIFORM NUMBER N29A-B	→ PROTO-CUNEIFORM NUMBER ONE-N29A-B
	PROTO-CUNEIFORM NUMBER N29A-C	→ PROTO-CUNEIFORM NUMBER ONE-N29A-C
	PROTO-CUNEIFORM NUMBER N30-A	→ PROTO-CUNEIFORM NUMBER ONE-N30-A
	PROTO-CUNEIFORM NUMBER N30-C	→ PROTO-CUNEIFORM NUMBER ONE-N30-C
	PROTO-CUNEIFORM NUMBER N30-D	→ PROTO-CUNEIFORM NUMBER ONE-N30-D
	PROTO-CUNEIFORM NUMBER N30-E	→ PROTO-CUNEIFORM NUMBER ONE-N30-E
	PROTO-CUNEIFORM NUMBER N30A-C	→ PROTO-CUNEIFORM NUMBER ONE-N30A-C
	PROTO-CUNEIFORM NUMBER N30C-B	→ PROTO-CUNEIFORM NUMBER ONE-N30C-B
	PROTO-CUNEIFORM NUMBER N30C-C	→ PROTO-CUNEIFORM NUMBER ONE-N30C-C
	PROTO-CUNEIFORM NUMBER N31	→ PROTO-CUNEIFORM NUMBER ONE-N31
	PROTO-CUNEIFORM NUMBER N32	→ PROTO-CUNEIFORM NUMBER ONE-N32
	PROTO-CUNEIFORM NUMBER N33	→ PROTO-CUNEIFORM NUMBER ONE-N33
	PROTO-CUNEIFORM NUMBER N34	→ PROTO-CUNEIFORM NUMBER ONE-N34
	PROTO-CUNEIFORM NUMBER N34 TIMES N58	→ PROTO-CUNEIFORM NUMBER ONE-N34 TIMES ONE-N58
	PROTO-CUNEIFORM NUMBER N34F TENU	→ PROTO-CUNEIFORM NUMBER ONE-N34 FLAT TENU
	PROTO-CUNEIFORM NUMBER N35	→ PROTO-CUNEIFORM NUMBER ONE-N35
	PROTO-CUNEIFORM NUMBER N36	→ PROTO-CUNEIFORM NUMBER ONE-N36
	PROTO-CUNEIFORM NUMBER N37	→ PROTO-CUNEIFORM NUMBER ONE-N37
	PROTO-CUNEIFORM NUMBER N38	→ PROTO-CUNEIFORM NUMBER ONE-N38
	PROTO-CUNEIFORM NUMBER N39-A	→ PROTO-CUNEIFORM NUMBER ONE-N39-A
	PROTO-CUNEIFORM NUMBER N39-B	→ PROTO-CUNEIFORM NUMBER ONE-N39-B
	PROTO-CUNEIFORM NUMBER N40	→ PROTO-CUNEIFORM NUMBER ONE-N40
	PROTO-CUNEIFORM NUMBER N41	→ PROTO-CUNEIFORM NUMBER ONE-N41
	PROTO-CUNEIFORM NUMBER N42-A	→ PROTO-CUNEIFORM NUMBER ONE-N42-A
	PROTO-CUNEIFORM NUMBER N42-B	→ PROTO-CUNEIFORM NUMBER ONE-N42-B
	PROTO-CUNEIFORM NUMBER N43	→ PROTO-CUNEIFORM NUMBER ONE-N43

Sign	Proposed in L2/17-157	Currently Proposed
	PROTO-CUNEIFORM NUMBER N44	→ PROTO-CUNEIFORM NUMBER ONE-N44
	PROTO-CUNEIFORM NUMBER N45	→ PROTO-CUNEIFORM NUMBER ONE-N45
	PROTO-CUNEIFORM NUMBER N45-A	→ PROTO-CUNEIFORM NUMBER ONE-N45-A
	PROTO-CUNEIFORM NUMBER N46	→ PROTO-CUNEIFORM NUMBER ONE-N46
	PROTO-CUNEIFORM NUMBER N47	→ PROTO-CUNEIFORM NUMBER ONE-N47
	PROTO-CUNEIFORM NUMBER N48	→ PROTO-CUNEIFORM NUMBER ONE-N48
	PROTO-CUNEIFORM NUMBER N49	→ PROTO-CUNEIFORM NUMBER ONE-N49
	PROTO-CUNEIFORM NUMBER N50	→ PROTO-CUNEIFORM NUMBER ONE-N50
	PROTO-CUNEIFORM NUMBER N51	→ PROTO-CUNEIFORM NUMBER ONE-N51
	PROTO-CUNEIFORM NUMBER N52	→ PROTO-CUNEIFORM NUMBER ONE-N52
	PROTO-CUNEIFORM NUMBER N54	→ PROTO-CUNEIFORM NUMBER ONE-N54
	PROTO-CUNEIFORM NUMBER N55	→ PROTO-CUNEIFORM NUMBER ONE-N55
	PROTO-CUNEIFORM NUMBER N56	→ PROTO-CUNEIFORM NUMBER ONE-N56
	PROTO-CUNEIFORM NUMBER N57	→ PROTO-CUNEIFORM NUMBER ONE-N57
	PROTO-CUNEIFORM NUMBER N57 N57	→ PROTO-CUNEIFORM NUMBER ONE-N57 BESIDE ONE-N57
	PROTO-CUNEIFORM NUMBER N58	→ PROTO-CUNEIFORM NUMBER ONE-N58
	PROTO-CUNEIFORM NUMBER N58 TENU	→ PROTO-CUNEIFORM NUMBER ONE-N58 TENU
	PROTO-CUNEIFORM NUMBER N60	→ PROTO-CUNEIFORM NUMBER ONE-N60
	PROTO-CUNEIFORM NUMBER N63	→ PROTO-CUNEIFORM NUMBER ONE-N63

9 Analogous Signs in Sumero-Akkadian Cuneiform

#	Proto-Cuneiform Sign		Sumero-Akkadian Analogue	
350	A			U+12000 CUNEIFORM SIGN A
353	A2			U+12009 CUNEIFORM SIGN A2
354	AB~a			U+1200A CUNEIFORM SIGN AB
354.1	AB~a			U+1200A CUNEIFORM SIGN AB

#	Proto-Cuneiform Sign	Sumero-Akkadian Analogue
357	AB2 	 U+12016 CUNEIFORM SIGN AB2
357.1	AB2 	 U+12016 CUNEIFORM SIGN AB2
361	AD~a 	 U+1201C CUNEIFORM SIGN AD
368	AK~a 	 U+1201D CUNEIFORM SIGN AK
370	AL 	 U+12020 CUNEIFORM SIGN AL
371	ALAN~a 	 U+12029 CUNEIFORM SIGN ALAN
382	AMAR 	 U+1202B CUNEIFORM SIGN AMAR
382.1	AMAR 	 U+1202B CUNEIFORM SIGN AMAR
382.2	AMAR 	 U+1202B CUNEIFORM SIGN AMAR
384	AN 	 U+1202D CUNEIFORM SIGN AN
384.1	AN 	 U+1202D CUNEIFORM SIGN AN
384.2	AN 	 U+1202D CUNEIFORM SIGN AN
390	APIN~a 	 U+12033 CUNEIFORM SIGN APIN
396	ASAL2 	 U+12037 CUNEIFORM SIGN ASAL2
401	BA 	 U+12040 CUNEIFORM SIGN BA
402	BAD 	 U+12041 CUNEIFORM SIGN BAD
406	BAHAR2~a 	 U+12043 CUNEIFORM SIGN BAHAR2
406.1	BAHAR2~a 	 U+12043 CUNEIFORM SIGN BAHAR2
411	BALAG 	 U+12046 CUNEIFORM SIGN BALAG
411.1	BALAG 	 U+12046 CUNEIFORM SIGN BALAG
425	BAR 	 U+12047 CUNEIFORM SIGN BAR

#	Proto-Cuneiform Sign	Sumero-Akkadian Analogue
426	BARA2~a 	 U+12048 CUNEIFORM SIGN BARA2
426.1	BARA2~a 	 U+12048 CUNEIFORM SIGN BARA2
435	BU~a 	 U+1204D CUNEIFORM SIGN BU
435.1	BU~a 	 U+1204D CUNEIFORM SIGN BU
438	BULUG 	 U+12051 CUNEIFORM SIGN BULUG
440	BUR~a 	 U+12053 CUNEIFORM SIGN BUR
444	BUR2 	 U+12054 CUNEIFORM SIGN BUR2
445	DA~a 	 U+12055 CUNEIFORM SIGN DA
449	DAG 	 U+12056 CUNEIFORM SIGN DAG
451	DAM 	 U+1206E CUNEIFORM SIGN DAM
453	DAR~a 	 U+1206F CUNEIFORM SIGN DAR
457	DARA3~a 	 U+12070 CUNEIFORM SIGN DARA3
470	DI 	 U+12072 CUNEIFORM SIGN DI
472	DIB 	 U+12073 CUNEIFORM SIGN DIB
472.1	DIB 	 U+12073 CUNEIFORM SIGN DIB
474	DIM~a 	 U+12074 CUNEIFORM SIGN DIM
477	DIN 	 U+12077 CUNEIFORM SIGN DIN
479	DU 	 U+1207A CUNEIFORM SIGN DU
480	DU@g 	 U+1207C CUNEIFORM SIGN DU GUNU
489	DUB~a 	 U+1207E CUNEIFORM SIGN DUB
495	DUB2 	 U+12080 CUNEIFORM SIGN DUB2

#	Proto-Cuneiform Sign	Sumero-Akkadian Analogue
496	DUG~a 	 U+12081 CUNEIFORM SIGN DUG
496.1	DUG~a 	 U+12081 CUNEIFORM SIGN DUG
496.2	DUG~a 	 U+12081 CUNEIFORM SIGN DUG
501	DUGUD 	 U+12082 CUNEIFORM SIGN DUGUD
504	DUR2 	 U+12089 CUNEIFORM SIGN DUR2
505	E~a 	 U+1208A CUNEIFORM SIGN E
510	E2~a 	 U+1208D CUNEIFORM SIGN E2
516	EDIN 	 U+12094 CUNEIFORM SIGN EDIN
517	EN~a 	 U+12097 CUNEIFORM SIGN EN
517.1	EN~a 	 U+12097 CUNEIFORM SIGN EN
517.2	EN~a 	 U+12097 CUNEIFORM SIGN EN
517.3	EN~a 	 U+12097 CUNEIFORM SIGN EN
538	EZEN~a 	 U+120A1 CUNEIFORM SIGN EZEN
538.1	EZEN~a 	 U+120A1 CUNEIFORM SIGN EZEN
546	GA~a 	 U+120B5 CUNEIFORM SIGN GA
546.1	GA~a 	 U+120B5 CUNEIFORM SIGN GA
546.2	GA~a 	 U+120B5 CUNEIFORM SIGN GA
546.3	GA~a 	 U+120B5 CUNEIFORM SIGN GA
546.4	GA~a 	 U+120B5 CUNEIFORM SIGN GA
562	GAL~a 	 U+120F2 CUNEIFORM SIGN GAL
566	GAN~a 	 U+120F6 CUNEIFORM SIGN GAN

#	Proto-Cuneiform Sign	Sumero-Akkadian Analogue	
566.1	GAN~a		 U+120F6 CUNEIFORM SIGN GAN
570	GAN2		 U+120F7 CUNEIFORM SIGN GAN2
571	GAR		 U+120FB CUNEIFORM SIGN GAR
575	GAR3		 U+120FC CUNEIFORM SIGN GAR3
585	GI		 U+12100 CUNEIFORM SIGN GI
585.1	GI		 U+12100 CUNEIFORM SIGN GI
587	GI4~a		 U+12104 CUNEIFORM SIGN GI4
593	GIG		 U+1237C CUNEIFORM SIGN GIG
599	GIR2~a		 U+12108 CUNEIFORM SIGN GIR2
601	GIR3~a		 U+1210A CUNEIFORM SIGN GIR3
608	GISAL~a		 U+12110 CUNEIFORM SIGN GISAL
622	GU		 U+12116 CUNEIFORM SIGN GU
623	GU2		 U+12118 CUNEIFORM SIGN GU2
637	GUL		 U+12122 CUNEIFORM SIGN GUL
638	GUM~a		 U+12123 CUNEIFORM SIGN GUM
643	GUR		 U+12125 CUNEIFORM SIGN GUR
647	HAL		 U+1212C CUNEIFORM SIGN HAL
650	HI		 U+1212D CUNEIFORM SIGN HI
654	HUB2		 U+12138 CUNEIFORM SIGN HUB2
655	I		 U+1213F CUNEIFORM SIGN I
656	IB~a		 U+12141 CUNEIFORM SIGN IB

#	Proto-Cuneiform Sign	Sumero-Akkadian Analogue
660	IG~a 	 U+12145 CUNEIFORM SIGN IG
662	IGI 	 U+12146 CUNEIFORM SIGN IGI
663	IL 	 U+1214B CUNEIFORM SIGN IL
666	IM~a 	 U+1214E CUNEIFORM SIGN IM
671	IR~a 	 U+12155 CUNEIFORM SIGN IR
680	KA~a 	 U+12157 CUNEIFORM SIGN KA
681	KA2~a 	 U+1218D CUNEIFORM SIGN KA2
685	KAB 	 U+1218F CUNEIFORM SIGN KAB
686	KAD4~a 	 U+12192 CUNEIFORM SIGN KAD4
690	KAK~a 	 U+12195 CUNEIFORM SIGN KAK
692	KAL~a 	 U+12197 CUNEIFORM SIGN KAL
709	KASKAL 	 U+1219C CUNEIFORM SIGN KASKAL
712	KI 	 U+121A0 CUNEIFORM SIGN KI
716	KID~a 	 U+121A4 CUNEIFORM SIGN KID
721	KIN 	 U+121A5 CUNEIFORM SIGN KIN
741	KU~a 	 U+121AA CUNEIFORM SIGN KU
745	KU3~a 	 U+121AC CUNEIFORM SIGN KU3
751	KUN 	 U+121B2 CUNEIFORM SIGN KUN
752	KUR~a 	 U+121B3 CUNEIFORM SIGN KUR
769	LAGAB~a 	 U+121B8 CUNEIFORM SIGN LAGAB
771	LAGAR~a 	 U+121EC CUNEIFORM SIGN LAGAR

#	Proto-Cuneiform Sign		Sumero-Akkadian Analogue	
788	LAM~a			U+121F4 CUNEIFORM SIGN LAM
794	LI			U+121F7 CUNEIFORM SIGN LI
794.1	LI			U+121F7 CUNEIFORM SIGN LI
796	LU2			U+121FD CUNEIFORM SIGN LU2
796.1	LU2			U+121FD CUNEIFORM SIGN LU2
796.2	LU2			U+121FD CUNEIFORM SIGN LU2
797	LU2@t			U+12211 CUNEIFORM SIGN LU2 TENU
798	LUGAL			U+12217 CUNEIFORM SIGN LUGAL
798.1	LUGAL			U+12217 CUNEIFORM SIGN LUGAL
799	LUM			U+1221D CUNEIFORM SIGN LUM
800	MA			U+12220 CUNEIFORM SIGN MA
800.1	MA			U+12220 CUNEIFORM SIGN MA
801	MA2			U+12223 CUNEIFORM SIGN MA2
804	MAH~a			U+12224 CUNEIFORM SIGN MAH
806	MAR~a			U+12225 CUNEIFORM SIGN MAR
806.1	MAR~a			U+12225 CUNEIFORM SIGN MAR
812	ME~a			U+12228 CUNEIFORM SIGN ME
817	MES			U+12229 CUNEIFORM SIGN MES
817.1	MES			U+12229 CUNEIFORM SIGN MES
820	MU			U+1222C CUNEIFORM SIGN MU
842	NA~a			U+1223E CUNEIFORM SIGN NA

#	Proto-Cuneiform Sign	Sumero-Akkadian Analogue
846	NA2~a 	 U+1223F CUNEIFORM SIGN NA2
846.1	NA2~a 	 U+1223F CUNEIFORM SIGN NA2
850	NAGA~a 	 U+12240 CUNEIFORM SIGN NAGA
852	NAGAR~a 	 U+12244 CUNEIFORM SIGN NAGAR
852.1	NAGAR~a 	 U+12244 CUNEIFORM SIGN NAGAR
852.2	NAGAR~a 	 U+12244 CUNEIFORM SIGN NAGAR
852.3	NAGAR~a 	 U+12244 CUNEIFORM SIGN NAGAR
854	NAM~a 	 U+12246 CUNEIFORM SIGN NAM
858	NAM2 	 U+12247 CUNEIFORM SIGN NAM2
867	NE~a 	 U+12248 CUNEIFORM SIGN NE
867.1	NE~a 	 U+12248 CUNEIFORM SIGN NE
867.2	NE~a 	 U+12248 CUNEIFORM SIGN NE
875	NI~a 	 U+1224C CUNEIFORM SIGN NI
878	NI2 	 U+1224E CUNEIFORM SIGN NI2
880	NIM~a 	 U+1224F CUNEIFORM SIGN NIM
885	NIN 	 U+1238F CUNEIFORM SIGN NIN
886	NINDA2 	 U+12252 CUNEIFORM SIGN NINDA2
886.1	NINDA2 	 U+12252 CUNEIFORM SIGN NINDA2
891	NU 	 U+12261 CUNEIFORM SIGN NU
893	NU11 	 U+12262 CUNEIFORM SIGN NU11
897	NUN~a 	 U+12263 CUNEIFORM SIGN NUN

#	Proto-Cuneiform Sign		Sumero-Akkadian Analogue	
908	PA~a			U+1227A CUNEIFORM SIGN PA
908.1	PA~a			U+1227A CUNEIFORM SIGN PA
908.2	PA~a			U+1227A CUNEIFORM SIGN PA
911	PAD~a			U+1227B CUNEIFORM SIGN PAD
913	PAP~a			U+1227D CUNEIFORM SIGN PAP
922	RA			U+1228F CUNEIFORM SIGN RA
927	RI			U+12291 CUNEIFORM SIGN RI
931	RU			U+12292 CUNEIFORM SIGN RU
931.1	RU			U+12292 CUNEIFORM SIGN RU
933	SA~a			U+12293 CUNEIFORM SIGN SA
935	SAG			U+12295 CUNEIFORM SIGN SAG
935.1	SAG			U+12295 CUNEIFORM SIGN SAG
935.2	SAG			U+12295 CUNEIFORM SIGN SAG
936	SAG@g			U+122A8 CUNEIFORM SIGN SAG GUNU
937	SAG@n			U+12294 CUNEIFORM SIGN SAG NUTILLU
939	SAL			U+122A9 CUNEIFORM SIGN SAL
943	SAR~a			U+122AC CUNEIFORM SIGN SAR
1011	SI			U+122DB CUNEIFORM SIGN SI
1011.1	SI			U+122DB CUNEIFORM SIGN SI
1017	SIG			U+122DD CUNEIFORM SIGN SIG
1031	SIG4			U+122DE CUNEIFORM SIGN SIG4

#	Proto-Cuneiform Sign		Sumero-Akkadian Analogue	
1034	SILA3~a			U+122E1 CUNEIFORM SIGN SILA3
1044	SU~a			U+122E2 CUNEIFORM SIGN SU
1044.1	SU~a			U+122E2 CUNEIFORM SIGN SU
1050	SUHUR			U+122E6 CUNEIFORM SIGN SUHUR
1059	SUM~a			U+122E7 CUNEIFORM SIGN SUM
1059.1	SUM~a			U+122E7 CUNEIFORM SIGN SUM
1063	SUR			U+122E9 CUNEIFORM SIGN SUR
1065	TA~a			U+122EB CUNEIFORM SIGN TA
1079	TAK4~a			U+122FA CUNEIFORM SIGN TAK4
1079.1	TAK4~a			U+122FA CUNEIFORM SIGN TAK4
1082	TAR~a			U+122FB CUNEIFORM SIGN TAR
1084	TE			U+122FC CUNEIFORM SIGN TE
1085	TI			U+122FE CUNEIFORM SIGN TI
1085.1	TI			U+122FE CUNEIFORM SIGN TI
1086	TI@t			U+122FF CUNEIFORM SIGN TI TENU
1091	TU~a			U+12305 CUNEIFORM SIGN TU
1094	TUG2~a			U+12306 CUNEIFORM SIGN TUG2
1099	TUM~a			U+12308 CUNEIFORM SIGN TUM
1107	TUR			U+12309 CUNEIFORM SIGN TUR
1107.1	TUR			U+12309 CUNEIFORM SIGN TUR
1107.2	TUR			U+12309 CUNEIFORM SIGN TUR

#		Proto-Cuneiform Sign		Sumero-Akkadian Analogue
1107.3	TUR			U+12309 CUNEIFORM SIGN TUR
1113	U2~a			U+12311 CUNEIFORM SIGN U2
1119	UB			U+12312 CUNEIFORM SIGN UB
1140	UMBIN~a			U+12322 CUNEIFORM SIGN UMBIN
1149	UR~a			U+12328 CUNEIFORM SIGN UR
1153	UR2			U+1232B CUNEIFORM SIGN UR2
1159	UR4~a			U+12334 CUNEIFORM SIGN UR4
1164	URI			U+12335 CUNEIFORM SIGN URI
1166	URI3~a			U+12336 CUNEIFORM SIGN URI3
1166.1	URI3~a			U+12336 CUNEIFORM SIGN URI3
1195	UZU			U+1235C CUNEIFORM SIGN UZU
1200	ZAG~a			U+12360 CUNEIFORM SIGN ZAG
1200.1	ZAG~a			U+12360 CUNEIFORM SIGN ZAG
1451	ZI~a			U+12363 CUNEIFORM SIGN ZI
1451.1	ZI~a			U+12363 CUNEIFORM SIGN ZI

10 Character Data

Character Properties: UnicodeData.txt

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12580;PROTO-CUNEIFORM NUMBER ONE-N1;N1;0;L;;;;1;N;;;;;
12581;PROTO-CUNEIFORM NUMBER ONE-N1 FLAT;N1;0;L;;;;1;N;;;;;
12582;PROTO-CUNEIFORM NUMBER ONE-N1 REVERSED;N1;0;L;;;;1;N;;;;;
12583;PROTO-CUNEIFORM NUMBER ONE-N2;N1;0;L;;;;1;N;;;;;
12584;PROTO-CUNEIFORM NUMBER ONE-N3;N1;0;L;;;;1;N;;;;;
12585;PROTO-CUNEIFORM NUMBER ONE-N4;N1;0;L;;;;1;N;;;;;
12586;PROTO-CUNEIFORM NUMBER ONE-N4 FLAT;N1;0;L;;;;1;N;;;;;
12587;PROTO-CUNEIFORM NUMBER ONE-N5;N1;0;L;;;;1;N;;;;;

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12588;PROTO-CUNEIFORM NUMBER ONE-N6;N1;0;L;;;1;N;;;;;
 12589;PROTO-CUNEIFORM NUMBER ONE-N7-A;N1;0;L;;;1;N;;;;;
 1258A;PROTO-CUNEIFORM NUMBER ONE-N7-B;N1;0;L;;;1;N;;;;;
 1258B;PROTO-CUNEIFORM NUMBER ONE-N8;N1;0;L;;;1;N;;;;;
 1258C;PROTO-CUNEIFORM NUMBER ONE-N8-B;N1;0;L;;;1;N;;;;;
 1258D;PROTO-CUNEIFORM NUMBER ONE-N8 FLAT;N1;0;L;;;1;N;;;;;
 1258E;PROTO-CUNEIFORM NUMBER ONE-N9;N1;0;L;;;1;N;;;;;
 1258F;PROTO-CUNEIFORM NUMBER ONE-N11;N1;0;L;;;1;N;;;;;
 12590;PROTO-CUNEIFORM NUMBER ONE-N12;N1;0;L;;;1;N;;;;;
 12591;PROTO-CUNEIFORM NUMBER ONE-N14;N1;0;L;;;1;N;;;;;
 12592;PROTO-CUNEIFORM NUMBER ONE-N14 FLAT;N1;0;L;;;1;N;;;;;
 12593;PROTO-CUNEIFORM NUMBER ONE-N15;N1;0;L;;;1;N;;;;;
 12594;PROTO-CUNEIFORM NUMBER ONE-N16;N1;0;L;;;1;N;;;;;
 12595;PROTO-CUNEIFORM NUMBER ONE-N17;N1;0;L;;;1;N;;;;;
 12596;PROTO-CUNEIFORM NUMBER ONE-N18;N1;0;L;;;1;N;;;;;
 12597;PROTO-CUNEIFORM NUMBER ONE-N19;N1;0;L;;;1;N;;;;;
 12598;PROTO-CUNEIFORM NUMBER ONE-N19 FLAT;N1;0;L;;;1;N;;;;;
 12599;PROTO-CUNEIFORM NUMBER ONE-N20;N1;0;L;;;1;N;;;;;
 1259A;PROTO-CUNEIFORM NUMBER ONE-N22;N1;0;L;;;1;N;;;;;
 1259B;PROTO-CUNEIFORM NUMBER ONE-N22 FLAT;N1;0;L;;;1;N;;;;;
 1259C;PROTO-CUNEIFORM NUMBER ONE-N23;N1;0;L;;;1;N;;;;;
 1259D;PROTO-CUNEIFORM NUMBER ONE-N24;N1;0;L;;;1;N;;;;;
 1259E;PROTO-CUNEIFORM NUMBER ONE-N24-A;N1;0;L;;;1;N;;;;;
 1259F;PROTO-CUNEIFORM NUMBER ONE-N24-B;N1;0;L;;;1;N;;;;;
 125A0;PROTO-CUNEIFORM NUMBER ONE-N24 FLAT;N1;0;L;;;1;N;;;;;
 125A1;PROTO-CUNEIFORM NUMBER ONE-N25;N1;0;L;;;1;N;;;;;
 125A2;PROTO-CUNEIFORM NUMBER ONE-N26;N1;0;L;;;1;N;;;;;
 125A3;PROTO-CUNEIFORM NUMBER ONE-N26 VARIANT 1;N1;0;L;;;1;N;;;;;
 125A4;PROTO-CUNEIFORM NUMBER ONE-N26-B;N1;0;L;;;1;N;;;;;
 125A5;PROTO-CUNEIFORM NUMBER ONE-N27;N1;0;L;;;1;N;;;;;
 125A6;PROTO-CUNEIFORM NUMBER ONE-N27 VARIANT 1;N1;0;L;;;1;N;;;;;
 125A7;PROTO-CUNEIFORM NUMBER ONE-N28;N1;0;L;;;1;N;;;;;
 125A8;PROTO-CUNEIFORM NUMBER ONE-N28-B;N1;0;L;;;1;N;;;;;
 125A9;PROTO-CUNEIFORM NUMBER ONE-N28-C;N1;0;L;;;1;N;;;;;
 125AA;PROTO-CUNEIFORM NUMBER ONE-N29-A;N1;0;L;;;1;N;;;;;
 125AB;PROTO-CUNEIFORM NUMBER ONE-N29-A VARIANT 1;N1;0;L;;;1;N;;;;;
 125AC;PROTO-CUNEIFORM NUMBER ONE-N29-B;N1;0;L;;;1;N;;;;;
 125AD;PROTO-CUNEIFORM NUMBER ONE-N29A-B;N1;0;L;;;1;N;;;;;
 125AE;PROTO-CUNEIFORM NUMBER ONE-N29A-C;N1;0;L;;;1;N;;;;;
 125AF;PROTO-CUNEIFORM NUMBER ONE-N30-A;N1;0;L;;;1;N;;;;;
 125B0;PROTO-CUNEIFORM NUMBER ONE-N30-A VARIANT 1;N1;0;L;;;1;N;;;;;
 125B1;PROTO-CUNEIFORM NUMBER ONE-N30-C;N1;0;L;;;1;N;;;;;
 125B2;PROTO-CUNEIFORM NUMBER ONE-N30-D;N1;0;L;;;1;N;;;;;
 125B3;PROTO-CUNEIFORM NUMBER ONE-N30-E;N1;0;L;;;1;N;;;;;
 125B4;PROTO-CUNEIFORM NUMBER ONE-N30A-C;N1;0;L;;;1;N;;;;;
 125B5;PROTO-CUNEIFORM NUMBER ONE-N30C-B;N1;0;L;;;1;N;;;;;
 125B6;PROTO-CUNEIFORM NUMBER ONE-N30C-C;N1;0;L;;;1;N;;;;;
 125B7;PROTO-CUNEIFORM NUMBER ONE-N31;N1;0;L;;;1;N;;;;;
 125B8;PROTO-CUNEIFORM NUMBER ONE-N32;N1;0;L;;;1;N;;;;;
 125B9;PROTO-CUNEIFORM NUMBER ONE-N33;N1;0;L;;;1;N;;;;;

125BA;PROTO-CUNEIFORM NUMBER ONE-N34;N1;0;L;;;1;N;;;;;
 125BB;PROTO-CUNEIFORM NUMBER ONE-N34 FLAT;N1;0;L;;;1;N;;;;;
 125BC;PROTO-CUNEIFORM NUMBER ONE-N34 FLAT TENU;N1;0;L;;;1;N;;;;;
 125BD;PROTO-CUNEIFORM NUMBER ONE-N35;N1;0;L;;;1;N;;;;;
 125BE;PROTO-CUNEIFORM NUMBER ONE-N36;N1;0;L;;;1;N;;;;;
 125BF;PROTO-CUNEIFORM NUMBER ONE-N36 FLAT;N1;0;L;;;1;N;;;;;
 125C0;PROTO-CUNEIFORM NUMBER ONE-N37;N1;0;L;;;1;N;;;;;
 125C1;PROTO-CUNEIFORM NUMBER ONE-N38;N1;0;L;;;1;N;;;;;
 125C2;PROTO-CUNEIFORM NUMBER ONE-N39-A;N1;0;L;;;1;N;;;;;
 125C3;PROTO-CUNEIFORM NUMBER ONE-N39-B;N1;0;L;;;1;N;;;;;
 125C4;PROTO-CUNEIFORM NUMBER ONE-N40;N1;0;L;;;1;N;;;;;
 125C5;PROTO-CUNEIFORM NUMBER ONE-N41;N1;0;L;;;1;N;;;;;
 125C6;PROTO-CUNEIFORM NUMBER ONE-N42-A;N1;0;L;;;1;N;;;;;
 125C7;PROTO-CUNEIFORM NUMBER ONE-N42-B;N1;0;L;;;1;N;;;;;
 125C8;PROTO-CUNEIFORM NUMBER ONE-N43;N1;0;L;;;1;N;;;;;
 125C9;PROTO-CUNEIFORM NUMBER ONE-N44;N1;0;L;;;1;N;;;;;
 125CA;PROTO-CUNEIFORM NUMBER ONE-N45;N1;0;L;;;1;N;;;;;
 125CB;PROTO-CUNEIFORM NUMBER ONE-N45-A;N1;0;L;;;1;N;;;;;
 125CC;PROTO-CUNEIFORM NUMBER ONE-N45 FLAT;N1;0;L;;;1;N;;;;;
 125CD;PROTO-CUNEIFORM NUMBER ONE-N46;N1;0;L;;;1;N;;;;;
 125CE;PROTO-CUNEIFORM NUMBER ONE-N46 FLAT;N1;0;L;;;1;N;;;;;
 125CF;PROTO-CUNEIFORM NUMBER ONE-N47;N1;0;L;;;1;N;;;;;
 125D0;PROTO-CUNEIFORM NUMBER ONE-N48;N1;0;L;;;1;N;;;;;
 125D1;PROTO-CUNEIFORM NUMBER ONE-N48 FLAT;N1;0;L;;;1;N;;;;;
 125D2;PROTO-CUNEIFORM NUMBER ONE-N49;N1;0;L;;;1;N;;;;;
 125D3;PROTO-CUNEIFORM NUMBER ONE-N50;N1;0;L;;;1;N;;;;;
 125D4;PROTO-CUNEIFORM NUMBER ONE-N51;N1;0;L;;;1;N;;;;;
 125D5;PROTO-CUNEIFORM NUMBER ONE-N51 FLAT;N1;0;L;;;1;N;;;;;
 125D6;PROTO-CUNEIFORM NUMBER ONE-N52;N1;0;L;;;1;N;;;;;
 125D7;PROTO-CUNEIFORM NUMBER ONE-N54;N1;0;L;;;1;N;;;;;
 125D8;PROTO-CUNEIFORM NUMBER ONE-N55;N1;0;L;;;1;N;;;;;
 125D9;PROTO-CUNEIFORM NUMBER ONE-N56;N1;0;L;;;1;N;;;;;
 125DA;PROTO-CUNEIFORM NUMBER ONE-N57;N1;0;L;;;1;N;;;;;
 125DB;PROTO-CUNEIFORM NUMBER ONE-N58;N1;0;L;;;1;N;;;;;
 125DC;PROTO-CUNEIFORM NUMBER ONE-N58 TENU;N1;0;L;;;1;N;;;;;
 125DD;PROTO-CUNEIFORM NUMBER ONE-N60;N1;0;L;;;1;N;;;;;
 125DE;PROTO-CUNEIFORM NUMBER ONE-N63;N1;0;L;;;1;N;;;;;
 125DF;PROTO-CUNEIFORM NUMBER TWO-N1;N1;0;L;;;2;N;;;;;
 125E0;PROTO-CUNEIFORM NUMBER TWO-N1 FLAT;N1;0;L;;;2;N;;;;;
 125E1;PROTO-CUNEIFORM NUMBER TWO-N2;N1;0;L;;;2;N;;;;;
 125E2;PROTO-CUNEIFORM NUMBER TWO-N3;N1;0;L;;;2;N;;;;;
 125E3;PROTO-CUNEIFORM NUMBER TWO-N4;N1;0;L;;;2;N;;;;;
 125E4;PROTO-CUNEIFORM NUMBER TWO-N4 FLAT;N1;0;L;;;2;N;;;;;
 125E5;PROTO-CUNEIFORM NUMBER TWO-N5;N1;0;L;;;2;N;;;;;
 125E6;PROTO-CUNEIFORM NUMBER TWO-N7-A;N1;0;L;;;2;N;;;;;
 125E7;PROTO-CUNEIFORM NUMBER TWO-N7-B;N1;0;L;;;2;N;;;;;
 125E8;PROTO-CUNEIFORM NUMBER TWO-N8;N1;0;L;;;2;N;;;;;
 125E9;PROTO-CUNEIFORM NUMBER TWO-N8-B;N1;0;L;;;2;N;;;;;
 125EA;PROTO-CUNEIFORM NUMBER TWO-N14;N1;0;L;;;2;N;;;;;
 125EB;PROTO-CUNEIFORM NUMBER TWO-N14 FLAT;N1;0;L;;;2;N;;;;;

125EC;PROTO-CUNEIFORM NUMBER TWO-N15;N1;0;L; ; ; ; 2;N; ; ; ;
 125ED;PROTO-CUNEIFORM NUMBER TWO-N18;N1;0;L; ; ; ; 2;N; ; ; ;
 125EE;PROTO-CUNEIFORM NUMBER TWO-N19;N1;0;L; ; ; ; 2;N; ; ; ;
 125EF;PROTO-CUNEIFORM NUMBER TWO-N19 FLAT;N1;0;L; ; ; ; 2;N; ; ; ;
 125F0;PROTO-CUNEIFORM NUMBER TWO-N20;N1;0;L; ; ; ; 2;N; ; ; ;
 125F1;PROTO-CUNEIFORM NUMBER TWO-N21;N1;0;L; ; ; ; 2;N; ; ; ;
 125F2;PROTO-CUNEIFORM NUMBER TWO-N22;N1;0;L; ; ; ; 2;N; ; ; ;
 125F3;PROTO-CUNEIFORM NUMBER TWO-N22 FLAT;N1;0;L; ; ; ; 2;N; ; ; ;
 125F4;PROTO-CUNEIFORM NUMBER TWO-N23;N1;0;L; ; ; ; 2;N; ; ; ;
 125F5;PROTO-CUNEIFORM NUMBER TWO-N24;N1;0;L; ; ; ; 2;N; ; ; ;
 125F6;PROTO-CUNEIFORM NUMBER TWO-N29-A;N1;0;L; ; ; ; 2;N; ; ; ;
 125F7;PROTO-CUNEIFORM NUMBER TWO-N29A-B;N1;0;L; ; ; ; 2;N; ; ; ;
 125F8;PROTO-CUNEIFORM NUMBER TWO-N34;N1;0;L; ; ; ; 2;N; ; ; ;
 125F9;PROTO-CUNEIFORM NUMBER TWO-N34 FLAT;N1;0;L; ; ; ; 2;N; ; ; ;
 125FA;PROTO-CUNEIFORM NUMBER TWO-N35;N1;0;L; ; ; ; 2;N; ; ; ;
 125FB;PROTO-CUNEIFORM NUMBER TWO-N36;N1;0;L; ; ; ; 2;N; ; ; ;
 125FC;PROTO-CUNEIFORM NUMBER TWO-N37;N1;0;L; ; ; ; 2;N; ; ; ;
 125FD;PROTO-CUNEIFORM NUMBER TWO-N39-A;N1;0;L; ; ; ; 2;N; ; ; ;
 125FE;PROTO-CUNEIFORM NUMBER TWO-N39-B;N1;0;L; ; ; ; 2;N; ; ; ;
 125FF;PROTO-CUNEIFORM NUMBER TWO-N40;N1;0;L; ; ; ; 2;N; ; ; ;
 12600;PROTO-CUNEIFORM NUMBER TWO-N41;N1;0;L; ; ; ; 2;N; ; ; ;
 12601;PROTO-CUNEIFORM NUMBER TWO-N42-A;N1;0;L; ; ; ; 2;N; ; ; ;
 12602;PROTO-CUNEIFORM NUMBER TWO-N42-B;N1;0;L; ; ; ; 2;N; ; ; ;
 12603;PROTO-CUNEIFORM NUMBER TWO-N45;N1;0;L; ; ; ; 2;N; ; ; ;
 12604;PROTO-CUNEIFORM NUMBER TWO-N45 FLAT;N1;0;L; ; ; ; 2;N; ; ; ;
 12605;PROTO-CUNEIFORM NUMBER TWO-N46;N1;0;L; ; ; ; 2;N; ; ; ;
 12606;PROTO-CUNEIFORM NUMBER TWO-N46 FLAT;N1;0;L; ; ; ; 2;N; ; ; ;
 12607;PROTO-CUNEIFORM NUMBER TWO-N47;N1;0;L; ; ; ; 2;N; ; ; ;
 12608;PROTO-CUNEIFORM NUMBER TWO-N48;N1;0;L; ; ; ; 2;N; ; ; ;
 12609;PROTO-CUNEIFORM NUMBER TWO-N49;N1;0;L; ; ; ; 2;N; ; ; ;
 1260A;PROTO-CUNEIFORM NUMBER TWO-N50;N1;0;L; ; ; ; 2;N; ; ; ;
 1260B;PROTO-CUNEIFORM NUMBER TWO-N51;N1;0;L; ; ; ; 2;N; ; ; ;
 1260C;PROTO-CUNEIFORM NUMBER TWO-N51 FLAT;N1;0;L; ; ; ; 2;N; ; ; ;
 1260D;PROTO-CUNEIFORM NUMBER TWO-N52;N1;0;L; ; ; ; 2;N; ; ; ;
 1260E;PROTO-CUNEIFORM NUMBER TWO-N54;N1;0;L; ; ; ; 2;N; ; ; ;
 1260F;PROTO-CUNEIFORM NUMBER TWO-N56;N1;0;L; ; ; ; 2;N; ; ; ;
 12610;PROTO-CUNEIFORM NUMBER TWO-N57;N1;0;L; ; ; ; 2;N; ; ; ;
 12611;PROTO-CUNEIFORM NUMBER TWO-N58;N1;0;L; ; ; ; 2;N; ; ; ;
 12612;PROTO-CUNEIFORM NUMBER TWO-N59;N1;0;L; ; ; ; 2;N; ; ; ;
 12613;PROTO-CUNEIFORM NUMBER TWO-LAGAB-A;N1;0;L; ; ; ; 2;N; ; ; ;
 12614;PROTO-CUNEIFORM NUMBER THREE-N1;N1;0;L; ; ; ; 3;N; ; ; ;
 12615;PROTO-CUNEIFORM NUMBER THREE-N1 FLAT;N1;0;L; ; ; ; 3;N; ; ; ;
 12616;PROTO-CUNEIFORM NUMBER THREE-N2;N1;0;L; ; ; ; 3;N; ; ; ;
 12617;PROTO-CUNEIFORM NUMBER THREE-N3;N1;0;L; ; ; ; 3;N; ; ; ;
 12618;PROTO-CUNEIFORM NUMBER THREE-N4;N1;0;L; ; ; ; 3;N; ; ; ;
 12619;PROTO-CUNEIFORM NUMBER THREE-N4 FLAT;N1;0;L; ; ; ; 3;N; ; ; ;
 1261A;PROTO-CUNEIFORM NUMBER THREE-N5;N1;0;L; ; ; ; 3;N; ; ; ;
 1261B;PROTO-CUNEIFORM NUMBER THREE-N7-A;N1;0;L; ; ; ; 3;N; ; ; ;
 1261C;PROTO-CUNEIFORM NUMBER THREE-N7-B;N1;0;L; ; ; ; 3;N; ; ; ;
 1261D;PROTO-CUNEIFORM NUMBER THREE-N8;N1;0;L; ; ; ; 3;N; ; ; ;

1261E;PROTO-CUNEIFORM NUMBER THREE-N8-B;N1;0;L;;;3;N;;;;;
 1261F;PROTO-CUNEIFORM NUMBER THREE-N14;N1;0;L;;;3;N;;;;;
 12620;PROTO-CUNEIFORM NUMBER THREE-N14 FLAT;N1;0;L;;;3;N;;;;;
 12621;PROTO-CUNEIFORM NUMBER THREE-N15;N1;0;L;;;3;N;;;;;
 12622;PROTO-CUNEIFORM NUMBER THREE-N18;N1;0;L;;;3;N;;;;;
 12623;PROTO-CUNEIFORM NUMBER THREE-N19;N1;0;L;;;3;N;;;;;
 12624;PROTO-CUNEIFORM NUMBER THREE-N19 FLAT;N1;0;L;;;3;N;;;;;
 12625;PROTO-CUNEIFORM NUMBER THREE-N20;N1;0;L;;;3;N;;;;;
 12626;PROTO-CUNEIFORM NUMBER THREE-N21;N1;0;L;;;3;N;;;;;
 12627;PROTO-CUNEIFORM NUMBER THREE-N23;N1;0;L;;;3;N;;;;;
 12628;PROTO-CUNEIFORM NUMBER THREE-N34;N1;0;L;;;3;N;;;;;
 12629;PROTO-CUNEIFORM NUMBER THREE-N34 FLAT;N1;0;L;;;3;N;;;;;
 1262A;PROTO-CUNEIFORM NUMBER THREE-N36;N1;0;L;;;3;N;;;;;
 1262B;PROTO-CUNEIFORM NUMBER THREE-N39-A;N1;0;L;;;3;N;;;;;
 1262C;PROTO-CUNEIFORM NUMBER THREE-N39-B;N1;0;L;;;3;N;;;;;
 1262D;PROTO-CUNEIFORM NUMBER THREE-N40;N1;0;L;;;3;N;;;;;
 1262E;PROTO-CUNEIFORM NUMBER THREE-N41;N1;0;L;;;3;N;;;;;
 1262F;PROTO-CUNEIFORM NUMBER THREE-N42-A;N1;0;L;;;3;N;;;;;
 12630;PROTO-CUNEIFORM NUMBER THREE-N42-B;N1;0;L;;;3;N;;;;;
 12631;PROTO-CUNEIFORM NUMBER THREE-N45;N1;0;L;;;3;N;;;;;
 12632;PROTO-CUNEIFORM NUMBER THREE-N45 FLAT;N1;0;L;;;3;N;;;;;
 12633;PROTO-CUNEIFORM NUMBER THREE-N46;N1;0;L;;;3;N;;;;;
 12634;PROTO-CUNEIFORM NUMBER THREE-N47;N1;0;L;;;3;N;;;;;
 12635;PROTO-CUNEIFORM NUMBER THREE-N48;N1;0;L;;;3;N;;;;;
 12636;PROTO-CUNEIFORM NUMBER THREE-N49;N1;0;L;;;3;N;;;;;
 12637;PROTO-CUNEIFORM NUMBER THREE-N50;N1;0;L;;;3;N;;;;;
 12638;PROTO-CUNEIFORM NUMBER THREE-N51;N1;0;L;;;3;N;;;;;
 12639;PROTO-CUNEIFORM NUMBER THREE-N51 FLAT;N1;0;L;;;3;N;;;;;
 1263A;PROTO-CUNEIFORM NUMBER THREE-N52;N1;0;L;;;3;N;;;;;
 1263B;PROTO-CUNEIFORM NUMBER THREE-N53;N1;0;L;;;3;N;;;;;
 1263C;PROTO-CUNEIFORM NUMBER THREE-N54;N1;0;L;;;3;N;;;;;
 1263D;PROTO-CUNEIFORM NUMBER THREE-N57;N1;0;L;;;3;N;;;;;
 1263E;PROTO-CUNEIFORM NUMBER THREE-N58;N1;0;L;;;3;N;;;;;
 1263F;PROTO-CUNEIFORM NUMBER THREE-N59;N1;0;L;;;3;N;;;;;
 12640;PROTO-CUNEIFORM NUMBER THREE-N61;N1;0;L;;;3;N;;;;;
 12641;PROTO-CUNEIFORM NUMBER FOUR-N1;N1;0;L;;;4;N;;;;;
 12642;PROTO-CUNEIFORM NUMBER FOUR-N1 FLAT;N1;0;L;;;4;N;;;;;
 12643;PROTO-CUNEIFORM NUMBER FOUR-N2;N1;0;L;;;4;N;;;;;
 12644;PROTO-CUNEIFORM NUMBER FOUR-N3;N1;0;L;;;4;N;;;;;
 12645;PROTO-CUNEIFORM NUMBER FOUR-N4;N1;0;L;;;4;N;;;;;
 12646;PROTO-CUNEIFORM NUMBER FOUR-N4 FLAT;N1;0;L;;;4;N;;;;;
 12647;PROTO-CUNEIFORM NUMBER FOUR-N5;N1;0;L;;;4;N;;;;;
 12648;PROTO-CUNEIFORM NUMBER FOUR-N8;N1;0;L;;;4;N;;;;;
 12649;PROTO-CUNEIFORM NUMBER FOUR-N8-B;N1;0;L;;;4;N;;;;;
 1264A;PROTO-CUNEIFORM NUMBER FOUR-N8-C;N1;0;L;;;4;N;;;;;
 1264B;PROTO-CUNEIFORM NUMBER FOUR-N14;N1;0;L;;;4;N;;;;;
 1264C;PROTO-CUNEIFORM NUMBER FOUR-N14 FLAT;N1;0;L;;;4;N;;;;;
 1264D;PROTO-CUNEIFORM NUMBER FOUR-N15;N1;0;L;;;4;N;;;;;
 1264E;PROTO-CUNEIFORM NUMBER FOUR-N18;N1;0;L;;;4;N;;;;;
 1264F;PROTO-CUNEIFORM NUMBER FOUR-N19;N1;0;L;;;4;N;;;;;

12650;PROTO-CUNEIFORM NUMBER FOUR-N19 FLAT;N1;0;L;;;4;N;;;;;
 12651;PROTO-CUNEIFORM NUMBER FOUR-N20;N1;0;L;;;4;N;;;;;
 12652;PROTO-CUNEIFORM NUMBER FOUR-N21;N1;0;L;;;4;N;;;;;
 12653;PROTO-CUNEIFORM NUMBER FOUR-N24;N1;0;L;;;4;N;;;;;
 12654;PROTO-CUNEIFORM NUMBER FOUR-N34;N1;0;L;;;4;N;;;;;
 12655;PROTO-CUNEIFORM NUMBER FOUR-N34 FLAT;N1;0;L;;;4;N;;;;;
 12656;PROTO-CUNEIFORM NUMBER FOUR-N36;N1;0;L;;;4;N;;;;;
 12657;PROTO-CUNEIFORM NUMBER FOUR-N39-A;N1;0;L;;;4;N;;;;;
 12658;PROTO-CUNEIFORM NUMBER FOUR-N39-B;N1;0;L;;;4;N;;;;;
 12659;PROTO-CUNEIFORM NUMBER FOUR-N40;N1;0;L;;;4;N;;;;;
 1265A;PROTO-CUNEIFORM NUMBER FOUR-N41;N1;0;L;;;4;N;;;;;
 1265B;PROTO-CUNEIFORM NUMBER FOUR-N42-A;N1;0;L;;;4;N;;;;;
 1265C;PROTO-CUNEIFORM NUMBER FOUR-N42-B;N1;0;L;;;4;N;;;;;
 1265D;PROTO-CUNEIFORM NUMBER FOUR-N43;N1;0;L;;;4;N;;;;;
 1265E;PROTO-CUNEIFORM NUMBER FOUR-N45;N1;0;L;;;4;N;;;;;
 1265F;PROTO-CUNEIFORM NUMBER FOUR-N45 FLAT;N1;0;L;;;4;N;;;;;
 12660;PROTO-CUNEIFORM NUMBER FOUR-N48;N1;0;L;;;4;N;;;;;
 12661;PROTO-CUNEIFORM NUMBER FOUR-N49;N1;0;L;;;4;N;;;;;
 12662;PROTO-CUNEIFORM NUMBER FOUR-N50;N1;0;L;;;4;N;;;;;
 12663;PROTO-CUNEIFORM NUMBER FOUR-N51;N1;0;L;;;4;N;;;;;
 12664;PROTO-CUNEIFORM NUMBER FOUR-N51 FLAT;N1;0;L;;;4;N;;;;;
 12665;PROTO-CUNEIFORM NUMBER FOUR-N52;N1;0;L;;;4;N;;;;;
 12666;PROTO-CUNEIFORM NUMBER FOUR-N54;N1;0;L;;;4;N;;;;;
 12667;PROTO-CUNEIFORM NUMBER FOUR-N57;N1;0;L;;;4;N;;;;;
 12668;PROTO-CUNEIFORM NUMBER FOUR-N58;N1;0;L;;;4;N;;;;;
 12669;PROTO-CUNEIFORM NUMBER FOUR-N59;N1;0;L;;;4;N;;;;;
 1266A;PROTO-CUNEIFORM NUMBER FOUR-N62;N1;0;L;;;4;N;;;;;
 1266B;PROTO-CUNEIFORM NUMBER FOUR-LAGAB-A;N1;0;L;;;4;N;;;;;
 1266C;PROTO-CUNEIFORM NUMBER FIVE-N1;N1;0;L;;;5;N;;;;;
 1266D;PROTO-CUNEIFORM NUMBER FIVE-N1 FLAT;N1;0;L;;;5;N;;;;;
 1266E;PROTO-CUNEIFORM NUMBER FIVE-N2;N1;0;L;;;5;N;;;;;
 1266F;PROTO-CUNEIFORM NUMBER FIVE-N3;N1;0;L;;;5;N;;;;;
 12670;PROTO-CUNEIFORM NUMBER FIVE-N4;N1;0;L;;;5;N;;;;;
 12671;PROTO-CUNEIFORM NUMBER FIVE-N4 FLAT;N1;0;L;;;5;N;;;;;
 12672;PROTO-CUNEIFORM NUMBER FIVE-N5;N1;0;L;;;5;N;;;;;
 12673;PROTO-CUNEIFORM NUMBER FIVE-N8;N1;0;L;;;5;N;;;;;
 12674;PROTO-CUNEIFORM NUMBER FIVE-N14;N1;0;L;;;5;N;;;;;
 12675;PROTO-CUNEIFORM NUMBER FIVE-N14 VARIANT 1;N1;0;L;;;5;N;;;;;
 12676;PROTO-CUNEIFORM NUMBER FIVE-N14 FLAT;N1;0;L;;;5;N;;;;;
 12677;PROTO-CUNEIFORM NUMBER FIVE-N15;N1;0;L;;;5;N;;;;;
 12678;PROTO-CUNEIFORM NUMBER FIVE-N18;N1;0;L;;;5;N;;;;;
 12679;PROTO-CUNEIFORM NUMBER FIVE-N19;N1;0;L;;;5;N;;;;;
 1267A;PROTO-CUNEIFORM NUMBER FIVE-N19 FLAT;N1;0;L;;;5;N;;;;;
 1267B;PROTO-CUNEIFORM NUMBER FIVE-N20;N1;0;L;;;5;N;;;;;
 1267C;PROTO-CUNEIFORM NUMBER FIVE-N21;N1;0;L;;;5;N;;;;;
 1267D;PROTO-CUNEIFORM NUMBER FIVE-N23;N1;0;L;;;5;N;;;;;
 1267E;PROTO-CUNEIFORM NUMBER FIVE-N34;N1;0;L;;;5;N;;;;;
 1267F;PROTO-CUNEIFORM NUMBER FIVE-N34 FLAT;N1;0;L;;;5;N;;;;;
 12680;PROTO-CUNEIFORM NUMBER FIVE-N35;N1;0;L;;;5;N;;;;;
 12681;PROTO-CUNEIFORM NUMBER FIVE-N36;N1;0;L;;;5;N;;;;;

12682;PROTO-CUNEIFORM NUMBER FIVE-N45;N1;0;L;;;5;N;;;;;
 12683;PROTO-CUNEIFORM NUMBER FIVE-N45 FLAT;N1;0;L;;;5;N;;;;;
 12684;PROTO-CUNEIFORM NUMBER FIVE-N48;N1;0;L;;;5;N;;;;;
 12685;PROTO-CUNEIFORM NUMBER FIVE-N49;N1;0;L;;;5;N;;;;;
 12686;PROTO-CUNEIFORM NUMBER FIVE-N50;N1;0;L;;;5;N;;;;;
 12687;PROTO-CUNEIFORM NUMBER FIVE-N51;N1;0;L;;;5;N;;;;;
 12688;PROTO-CUNEIFORM NUMBER FIVE-N51 FLAT;N1;0;L;;;5;N;;;;;
 12689;PROTO-CUNEIFORM NUMBER FIVE-N52;N1;0;L;;;5;N;;;;;
 1268A;PROTO-CUNEIFORM NUMBER FIVE-N54;N1;0;L;;;5;N;;;;;
 1268B;PROTO-CUNEIFORM NUMBER FIVE-N57;N1;0;L;;;5;N;;;;;
 1268C;PROTO-CUNEIFORM NUMBER FIVE-N58;N1;0;L;;;5;N;;;;;
 1268D;PROTO-CUNEIFORM NUMBER SIX-N1;N1;0;L;;;6;N;;;;;
 1268E;PROTO-CUNEIFORM NUMBER SIX-N1 FLAT;N1;0;L;;;6;N;;;;;
 1268F;PROTO-CUNEIFORM NUMBER SIX-N2;N1;0;L;;;6;N;;;;;
 12690;PROTO-CUNEIFORM NUMBER SIX-N8;N1;0;L;;;6;N;;;;;
 12691;PROTO-CUNEIFORM NUMBER SIX-N14;N1;0;L;;;6;N;;;;;
 12692;PROTO-CUNEIFORM NUMBER SIX-N14 VARIANT 1;N1;0;L;;;6;N;;;;;
 12693;PROTO-CUNEIFORM NUMBER SIX-N14 FLAT;N1;0;L;;;6;N;;;;;
 12694;PROTO-CUNEIFORM NUMBER SIX-N18;N1;0;L;;;6;N;;;;;
 12695;PROTO-CUNEIFORM NUMBER SIX-N19;N1;0;L;;;6;N;;;;;
 12696;PROTO-CUNEIFORM NUMBER SIX-N19 FLAT;N1;0;L;;;6;N;;;;;
 12697;PROTO-CUNEIFORM NUMBER SIX-N20;N1;0;L;;;6;N;;;;;
 12698;PROTO-CUNEIFORM NUMBER SIX-N21;N1;0;L;;;6;N;;;;;
 12699;PROTO-CUNEIFORM NUMBER SIX-N24;N1;0;L;;;6;N;;;;;
 1269A;PROTO-CUNEIFORM NUMBER SIX-N34;N1;0;L;;;6;N;;;;;
 1269B;PROTO-CUNEIFORM NUMBER SIX-N34 FLAT;N1;0;L;;;6;N;;;;;
 1269C;PROTO-CUNEIFORM NUMBER SIX-N36;N1;0;L;;;6;N;;;;;
 1269D;PROTO-CUNEIFORM NUMBER SIX-N45;N1;0;L;;;6;N;;;;;
 1269E;PROTO-CUNEIFORM NUMBER SIX-N45 FLAT;N1;0;L;;;6;N;;;;;
 1269F;PROTO-CUNEIFORM NUMBER SIX-N48;N1;0;L;;;6;N;;;;;
 126A0;PROTO-CUNEIFORM NUMBER SIX-N51;N1;0;L;;;6;N;;;;;
 126A1;PROTO-CUNEIFORM NUMBER SIX-N51 FLAT;N1;0;L;;;6;N;;;;;
 126A2;PROTO-CUNEIFORM NUMBER SIX-N57;N1;0;L;;;6;N;;;;;
 126A3;PROTO-CUNEIFORM NUMBER SIX-N57 VARIANT 1;N1;0;L;;;6;N;;;;;
 126A4;PROTO-CUNEIFORM NUMBER SIX-LAGAB-A;N1;0;L;;;6;N;;;;;
 126A5;PROTO-CUNEIFORM NUMBER SEVEN-N1;N1;0;L;;;7;N;;;;;
 126A6;PROTO-CUNEIFORM NUMBER SEVEN-N1 FLAT;N1;0;L;;;7;N;;;;;
 126A7;PROTO-CUNEIFORM NUMBER SEVEN-N2;N1;0;L;;;7;N;;;;;
 126A8;PROTO-CUNEIFORM NUMBER SEVEN-N8;N1;0;L;;;7;N;;;;;
 126A9;PROTO-CUNEIFORM NUMBER SEVEN-N14;N1;0;L;;;7;N;;;;;
 126AA;PROTO-CUNEIFORM NUMBER SEVEN-N14 FLAT;N1;0;L;;;7;N;;;;;
 126AB;PROTO-CUNEIFORM NUMBER SEVEN-N18;N1;0;L;;;7;N;;;;;
 126AC;PROTO-CUNEIFORM NUMBER SEVEN-N19;N1;0;L;;;7;N;;;;;
 126AD;PROTO-CUNEIFORM NUMBER SEVEN-N19 FLAT;N1;0;L;;;7;N;;;;;
 126AE;PROTO-CUNEIFORM NUMBER SEVEN-N20;N1;0;L;;;7;N;;;;;
 126AF;PROTO-CUNEIFORM NUMBER SEVEN-N23;N1;0;L;;;7;N;;;;;
 126B0;PROTO-CUNEIFORM NUMBER SEVEN-N34;N1;0;L;;;7;N;;;;;
 126B1;PROTO-CUNEIFORM NUMBER SEVEN-N34 FLAT;N1;0;L;;;7;N;;;;;
 126B2;PROTO-CUNEIFORM NUMBER SEVEN-N36;N1;0;L;;;7;N;;;;;
 126B3;PROTO-CUNEIFORM NUMBER SEVEN-N45;N1;0;L;;;7;N;;;;;

126B4;PROTO-CUNEIFORM NUMBER SEVEN-N45 FLAT;N1;0;L;;;7;N;;;;;
 126B5;PROTO-CUNEIFORM NUMBER SEVEN-N48;N1;0;L;;;7;N;;;;;
 126B6;PROTO-CUNEIFORM NUMBER SEVEN-N51;N1;0;L;;;7;N;;;;;
 126B7;PROTO-CUNEIFORM NUMBER SEVEN-N51 FLAT;N1;0;L;;;7;N;;;;;
 126B8;PROTO-CUNEIFORM NUMBER SEVEN-N57;N1;0;L;;;7;N;;;;;
 126B9;PROTO-CUNEIFORM NUMBER EIGHT-N1;N1;0;L;;;8;N;;;;;
 126BA;PROTO-CUNEIFORM NUMBER EIGHT-N1 FLAT;N1;0;L;;;8;N;;;;;
 126BB;PROTO-CUNEIFORM NUMBER EIGHT-N2;N1;0;L;;;8;N;;;;;
 126BC;PROTO-CUNEIFORM NUMBER EIGHT-N8;N1;0;L;;;8;N;;;;;
 126BD;PROTO-CUNEIFORM NUMBER EIGHT-N14;N1;0;L;;;8;N;;;;;
 126BE;PROTO-CUNEIFORM NUMBER EIGHT-N14 FLAT;N1;0;L;;;8;N;;;;;
 126BF;PROTO-CUNEIFORM NUMBER EIGHT-N18;N1;0;L;;;8;N;;;;;
 126C0;PROTO-CUNEIFORM NUMBER EIGHT-N19;N1;0;L;;;8;N;;;;;
 126C1;PROTO-CUNEIFORM NUMBER EIGHT-N19 FLAT;N1;0;L;;;8;N;;;;;
 126C2;PROTO-CUNEIFORM NUMBER EIGHT-N20;N1;0;L;;;8;N;;;;;
 126C3;PROTO-CUNEIFORM NUMBER EIGHT-N34;N1;0;L;;;8;N;;;;;
 126C4;PROTO-CUNEIFORM NUMBER EIGHT-N34 FLAT;N1;0;L;;;8;N;;;;;
 126C5;PROTO-CUNEIFORM NUMBER EIGHT-N36;N1;0;L;;;8;N;;;;;
 126C6;PROTO-CUNEIFORM NUMBER EIGHT-N45 FLAT;N1;0;L;;;8;N;;;;;
 126C7;PROTO-CUNEIFORM NUMBER EIGHT-N51;N1;0;L;;;8;N;;;;;
 126C8;PROTO-CUNEIFORM NUMBER EIGHT-N51 FLAT;N1;0;L;;;8;N;;;;;
 126C9;PROTO-CUNEIFORM NUMBER EIGHT-N57;N1;0;L;;;8;N;;;;;
 126CA;PROTO-CUNEIFORM NUMBER EIGHT-N58;N1;0;L;;;8;N;;;;;
 126CB;PROTO-CUNEIFORM NUMBER NINE-N1;N1;0;L;;;9;N;;;;;
 126CC;PROTO-CUNEIFORM NUMBER NINE-N1 VARIANT 1;N1;0;L;;;9;N;;;;;
 126CD;PROTO-CUNEIFORM NUMBER NINE-N1 FLAT;N1;0;L;;;9;N;;;;;
 126CE;PROTO-CUNEIFORM NUMBER NINE-N2;N1;0;L;;;9;N;;;;;
 126CF;PROTO-CUNEIFORM NUMBER NINE-N8;N1;0;L;;;9;N;;;;;
 126D0;PROTO-CUNEIFORM NUMBER NINE-N14;N1;0;L;;;9;N;;;;;
 126D1;PROTO-CUNEIFORM NUMBER NINE-N14 FLAT;N1;0;L;;;9;N;;;;;
 126D2;PROTO-CUNEIFORM NUMBER NINE-N18;N1;0;L;;;9;N;;;;;
 126D3;PROTO-CUNEIFORM NUMBER NINE-N18 VARIANT 1;N1;0;L;;;9;N;;;;;
 126D4;PROTO-CUNEIFORM NUMBER NINE-N19;N1;0;L;;;9;N;;;;;
 126D5;PROTO-CUNEIFORM NUMBER NINE-N19 VARIANT 1;N1;0;L;;;9;N;;;;;
 126D6;PROTO-CUNEIFORM NUMBER NINE-N19 FLAT;N1;0;L;;;9;N;;;;;
 126D7;PROTO-CUNEIFORM NUMBER NINE-N20;N1;0;L;;;9;N;;;;;
 126D8;PROTO-CUNEIFORM NUMBER NINE-N34;N1;0;L;;;9;N;;;;;
 126D9;PROTO-CUNEIFORM NUMBER NINE-N34 FLAT;N1;0;L;;;9;N;;;;;
 126DA;PROTO-CUNEIFORM NUMBER NINE-N36;N1;0;L;;;9;N;;;;;
 126DB;PROTO-CUNEIFORM NUMBER NINE-N45;N1;0;L;;;9;N;;;;;
 126DC;PROTO-CUNEIFORM NUMBER NINE-N45 FLAT;N1;0;L;;;9;N;;;;;
 126DD;PROTO-CUNEIFORM NUMBER NINE-N51 FLAT;N1;0;L;;;9;N;;;;;
 126DE;PROTO-CUNEIFORM NUMBER NINE-N57;N1;0;L;;;9;N;;;;;
 126DF;PROTO-CUNEIFORM NUMBER NINE-N58;N1;0;L;;;9;N;;;;;
 126E0;PROTO-CUNEIFORM NUMBER TEN-N1;N1;0;L;;;10;N;;;;;
 126E1;PROTO-CUNEIFORM NUMBER TEN-N14;N1;0;L;;;10;N;;;;;
 126E2;PROTO-CUNEIFORM NUMBER TEN-N14 FLAT;N1;0;L;;;10;N;;;;;
 126E3;PROTO-CUNEIFORM NUMBER TEN-N57;N1;0;L;;;10;N;;;;;
 126E4;PROTO-CUNEIFORM NUMBER TEN-N58;N1;0;L;;;10;N;;;;;
 126E5;PROTO-CUNEIFORM NUMBER TWELVE-N14;N1;0;L;;;12;N;;;;;

126E6;PROTO-CUNEIFORM NUMBER TWELVE-N58;N1;0;L;;;;;12;N;;;;;
 126E7;PROTO-CUNEIFORM SIGN A;Lo;0;L;;;;;N;;;;;
 126E8;PROTO-CUNEIFORM SIGN A TENU;Lo;0;L;;;;;N;;;;;
 126E9;PROTO-CUNEIFORM SIGN A GUNU;Lo;0;L;;;;;N;;;;;
 126EA;PROTO-CUNEIFORM SIGN A2;Lo;0;L;;;;;N;;;;;
 126EB;PROTO-CUNEIFORM SIGN AB-A;Lo;0;L;;;;;N;;;;;
 126EC;PROTO-CUNEIFORM SIGN AB-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 126ED;PROTO-CUNEIFORM SIGN AB-A GUNU;Lo;0;L;;;;;N;;;;;
 126EE;PROTO-CUNEIFORM SIGN AB-B;Lo;0;L;;;;;N;;;;;
 126EF;PROTO-CUNEIFORM SIGN AB2;Lo;0;L;;;;;N;;;;;
 126F0;PROTO-CUNEIFORM SIGN AB2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 126F1;PROTO-CUNEIFORM SIGN ABGAL;Lo;0;L;;;;;N;;;;;
 126F2;PROTO-CUNEIFORM SIGN ABGAL VARIANT 1;Lo;0;L;;;;;N;;;;;
 126F3;PROTO-CUNEIFORM SIGN ABRIG;Lo;0;L;;;;;N;;;;;
 126F4;PROTO-CUNEIFORM SIGN ABZU;Lo;0;L;;;;;N;;;;;
 126F5;PROTO-CUNEIFORM SIGN AD-A;Lo;0;L;;;;;N;;;;;
 126F6;PROTO-CUNEIFORM SIGN AD-B;Lo;0;L;;;;;N;;;;;
 126F7;PROTO-CUNEIFORM SIGN AD-C;Lo;0;L;;;;;N;;;;;
 126F8;PROTO-CUNEIFORM SIGN ADAB;Lo;0;L;;;;;N;;;;;
 126F9;PROTO-CUNEIFORM SIGN ADDA;Lo;0;L;;;;;N;;;;;
 126FA;PROTO-CUNEIFORM SIGN ADDA TENU-2;Lo;0;L;;;;;N;;;;;
 126FB;PROTO-CUNEIFORM SIGN AGAR2;Lo;0;L;;;;;N;;;;;
 126FC;PROTO-CUNEIFORM SIGN AK-A;Lo;0;L;;;;;N;;;;;
 126FD;PROTO-CUNEIFORM SIGN AK-B;Lo;0;L;;;;;N;;;;;
 126FE;PROTO-CUNEIFORM SIGN AL;Lo;0;L;;;;;N;;;;;
 126FF;PROTO-CUNEIFORM SIGN ALAN-A;Lo;0;L;;;;;N;;;;;
 12700;PROTO-CUNEIFORM SIGN ALAN-B;Lo;0;L;;;;;N;;;;;
 12701;PROTO-CUNEIFORM SIGN ALAN-C;Lo;0;L;;;;;N;;;;;
 12702;PROTO-CUNEIFORM SIGN ALAN-D;Lo;0;L;;;;;N;;;;;
 12703;PROTO-CUNEIFORM SIGN ALAN-E;Lo;0;L;;;;;N;;;;;
 12704;PROTO-CUNEIFORM SIGN ALAN-F;Lo;0;L;;;;;N;;;;;
 12705;PROTO-CUNEIFORM SIGN ALIM;Lo;0;L;;;;;N;;;;;
 12706;PROTO-CUNEIFORM SIGN AM-A;Lo;0;L;;;;;N;;;;;
 12707;PROTO-CUNEIFORM SIGN AM-B;Lo;0;L;;;;;N;;;;;
 12708;PROTO-CUNEIFORM SIGN AMA-A;Lo;0;L;;;;;N;;;;;
 12709;PROTO-CUNEIFORM SIGN AMA-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1270A;PROTO-CUNEIFORM SIGN AMA-B;Lo;0;L;;;;;N;;;;;
 1270B;PROTO-CUNEIFORM SIGN AMAR;Lo;0;L;;;;;N;;;;;
 1270C;PROTO-CUNEIFORM SIGN AMAR VARIANT 1;Lo;0;L;;;;;N;;;;;
 1270D;PROTO-CUNEIFORM SIGN AMAR VARIANT 2;Lo;0;L;;;;;N;;;;;
 1270E;PROTO-CUNEIFORM SIGN AMAR GUNU;Lo;0;L;;;;;N;;;;;
 1270F;PROTO-CUNEIFORM SIGN AN;Lo;0;L;;;;;N;;;;;
 12710;PROTO-CUNEIFORM SIGN AN VARIANT 1;Lo;0;L;;;;;N;;;;;
 12711;PROTO-CUNEIFORM SIGN AN VARIANT 2;Lo;0;L;;;;;N;;;;;
 12712;PROTO-CUNEIFORM SIGN ANSHE-A;Lo;0;L;;;;;N;;;;;
 12713;PROTO-CUNEIFORM SIGN ANSHE-B;Lo;0;L;;;;;N;;;;;
 12714;PROTO-CUNEIFORM SIGN ANSHE-C;Lo;0;L;;;;;N;;;;;
 12715;PROTO-CUNEIFORM SIGN ANSHE-E;Lo;0;L;;;;;N;;;;;
 12716;PROTO-CUNEIFORM SIGN ANZU2;Lo;0;L;;;;;N;;;;;
 12717;PROTO-CUNEIFORM SIGN APIN-A;Lo;0;L;;;;;N;;;;;

12718;PROTO-CUNEIFORM SIGN APIN-B;Lo;0;L;;;;;N;;;;;
 12719;PROTO-CUNEIFORM SIGN APIN-C;Lo;0;L;;;;;N;;;;;
 1271A;PROTO-CUNEIFORM SIGN ARARMA2-A;Lo;0;L;;;;;N;;;;;
 1271B;PROTO-CUNEIFORM SIGN ARARMA2-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1271C;PROTO-CUNEIFORM SIGN ARARMA2-B;Lo;0;L;;;;;N;;;;;
 1271D;PROTO-CUNEIFORM SIGN ARATTA;Lo;0;L;;;;;N;;;;;
 1271E;PROTO-CUNEIFORM SIGN ASAL2;Lo;0;L;;;;;N;;;;;
 1271F;PROTO-CUNEIFORM SIGN ASAR;Lo;0;L;;;;;N;;;;;
 12720;PROTO-CUNEIFORM SIGN ASH2;Lo;0;L;;;;;N;;;;;
 12721;PROTO-CUNEIFORM SIGN AZ;Lo;0;L;;;;;N;;;;;
 12722;PROTO-CUNEIFORM SIGN AZU;Lo;0;L;;;;;N;;;;;
 12723;PROTO-CUNEIFORM SIGN BA;Lo;0;L;;;;;N;;;;;
 12724;PROTO-CUNEIFORM SIGN BAD;Lo;0;L;;;;;N;;;;;
 12725;PROTO-CUNEIFORM SIGN BAD3-A;Lo;0;L;;;;;N;;;;;
 12726;PROTO-CUNEIFORM SIGN BAD3-B1;Lo;0;L;;;;;N;;;;;
 12727;PROTO-CUNEIFORM SIGN BAD3-B2;Lo;0;L;;;;;N;;;;;
 12728;PROTO-CUNEIFORM SIGN BAHAR2-A;Lo;0;L;;;;;N;;;;;
 12729;PROTO-CUNEIFORM SIGN BAHAR2-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1272A;PROTO-CUNEIFORM SIGN BAHAR2-B;Lo;0;L;;;;;N;;;;;
 1272B;PROTO-CUNEIFORM SIGN BAHAR2-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 1272C;PROTO-CUNEIFORM SIGN BAHAR2-C;Lo;0;L;;;;;N;;;;;
 1272D;PROTO-CUNEIFORM SIGN BALA-A;Lo;0;L;;;;;N;;;;;
 1272E;PROTO-CUNEIFORM SIGN BALA-B;Lo;0;L;;;;;N;;;;;
 1272F;PROTO-CUNEIFORM SIGN BALA-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12730;PROTO-CUNEIFORM SIGN BALAG;Lo;0;L;;;;;N;;;;;
 12731;PROTO-CUNEIFORM SIGN BALAG VARIANT 1;Lo;0;L;;;;;N;;;;;
 12732;PROTO-CUNEIFORM SIGN BAN-A;Lo;0;L;;;;;N;;;;;
 12733;PROTO-CUNEIFORM SIGN BAN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12734;PROTO-CUNEIFORM SIGN BAN-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12735;PROTO-CUNEIFORM SIGN BAN-B;Lo;0;L;;;;;N;;;;;
 12736;PROTO-CUNEIFORM SIGN BANSHUR-A;Lo;0;L;;;;;N;;;;;
 12737;PROTO-CUNEIFORM SIGN BANSHUR-A TENU;Lo;0;L;;;;;N;;;;;
 12738;PROTO-CUNEIFORM SIGN BANSHUR-B1;Lo;0;L;;;;;N;;;;;
 12739;PROTO-CUNEIFORM SIGN BANSHUR-B2;Lo;0;L;;;;;N;;;;;
 1273A;PROTO-CUNEIFORM SIGN BANSHUR-C;Lo;0;L;;;;;N;;;;;
 1273B;PROTO-CUNEIFORM SIGN BAPPIR-A;Lo;0;L;;;;;N;;;;;
 1273C;PROTO-CUNEIFORM SIGN BAPPIR-B;Lo;0;L;;;;;N;;;;;
 1273D;PROTO-CUNEIFORM SIGN BAPPIR-C;Lo;0;L;;;;;N;;;;;
 1273E;PROTO-CUNEIFORM SIGN BAPPIR-D;Lo;0;L;;;;;N;;;;;
 1273F;PROTO-CUNEIFORM SIGN BAPPIR-E;Lo;0;L;;;;;N;;;;;
 12740;PROTO-CUNEIFORM SIGN BAPPIR-F;Lo;0;L;;;;;N;;;;;
 12741;PROTO-CUNEIFORM SIGN BAR;Lo;0;L;;;;;N;;;;;
 12742;PROTO-CUNEIFORM SIGN BARA2-A;Lo;0;L;;;;;N;;;;;
 12743;PROTO-CUNEIFORM SIGN BARA2-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12744;PROTO-CUNEIFORM SIGN BARA2-B;Lo;0;L;;;;;N;;;;;
 12745;PROTO-CUNEIFORM SIGN BARA2-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12746;PROTO-CUNEIFORM SIGN BARA3;Lo;0;L;;;;;N;;;;;
 12747;PROTO-CUNEIFORM SIGN BIR-A;Lo;0;L;;;;;N;;;;;
 12748;PROTO-CUNEIFORM SIGN BIR-B;Lo;0;L;;;;;N;;;;;
 12749;PROTO-CUNEIFORM SIGN BIR-C;Lo;0;L;;;;;N;;;;;

1274A;PROTO-CUNEIFORM SIGN BIR3-A;Lo;0;L;;;;;N;;;;;
 1274B;PROTO-CUNEIFORM SIGN BIR3-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1274C;PROTO-CUNEIFORM SIGN BIR3-B;Lo;0;L;;;;;N;;;;;
 1274D;PROTO-CUNEIFORM SIGN BIR3-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 1274E;PROTO-CUNEIFORM SIGN BIR3-C;Lo;0;L;;;;;N;;;;;
 1274F;PROTO-CUNEIFORM SIGN BU-A;Lo;0;L;;;;;N;;;;;
 12750;PROTO-CUNEIFORM SIGN BU-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12751;PROTO-CUNEIFORM SIGN BU-B;Lo;0;L;;;;;N;;;;;
 12752;PROTO-CUNEIFORM SIGN BU3;Lo;0;L;;;;;N;;;;;
 12753;PROTO-CUNEIFORM SIGN BULUG;Lo;0;L;;;;;N;;;;;
 12754;PROTO-CUNEIFORM SIGN BULUG3;Lo;0;L;;;;;N;;;;;
 12755;PROTO-CUNEIFORM SIGN BUR-A;Lo;0;L;;;;;N;;;;;
 12756;PROTO-CUNEIFORM SIGN BUR-B;Lo;0;L;;;;;N;;;;;
 12757;PROTO-CUNEIFORM SIGN BUR-C;Lo;0;L;;;;;N;;;;;
 12758;PROTO-CUNEIFORM SIGN BUR-D;Lo;0;L;;;;;N;;;;;
 12759;PROTO-CUNEIFORM SIGN BUR2;Lo;0;L;;;;;N;;;;;
 1275A;PROTO-CUNEIFORM SIGN DA-A;Lo;0;L;;;;;N;;;;;
 1275B;PROTO-CUNEIFORM SIGN DA-B;Lo;0;L;;;;;N;;;;;
 1275C;PROTO-CUNEIFORM SIGN DA-C;Lo;0;L;;;;;N;;;;;
 1275D;PROTO-CUNEIFORM SIGN DA-D;Lo;0;L;;;;;N;;;;;
 1275E;PROTO-CUNEIFORM SIGN DAG;Lo;0;L;;;;;N;;;;;
 1275F;PROTO-CUNEIFORM SIGN DAH;Lo;0;L;;;;;N;;;;;
 12760;PROTO-CUNEIFORM SIGN DAM;Lo;0;L;;;;;N;;;;;
 12761;PROTO-CUNEIFORM SIGN DANNA;Lo;0;L;;;;;N;;;;;
 12762;PROTO-CUNEIFORM SIGN DAR-A;Lo;0;L;;;;;N;;;;;
 12763;PROTO-CUNEIFORM SIGN DAR-B;Lo;0;L;;;;;N;;;;;
 12764;PROTO-CUNEIFORM SIGN DAR-C;Lo;0;L;;;;;N;;;;;
 12765;PROTO-CUNEIFORM SIGN DAR-D;Lo;0;L;;;;;N;;;;;
 12766;PROTO-CUNEIFORM SIGN DARA3-A;Lo;0;L;;;;;N;;;;;
 12767;PROTO-CUNEIFORM SIGN DARA3-B;Lo;0;L;;;;;N;;;;;
 12768;PROTO-CUNEIFORM SIGN DARA3-C;Lo;0;L;;;;;N;;;;;
 12769;PROTO-CUNEIFORM SIGN DARA3-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 1276A;PROTO-CUNEIFORM SIGN DARA3-D;Lo;0;L;;;;;N;;;;;
 1276B;PROTO-CUNEIFORM SIGN DARA4-A1;Lo;0;L;;;;;N;;;;;
 1276C;PROTO-CUNEIFORM SIGN DARA4-A2;Lo;0;L;;;;;N;;;;;
 1276D;PROTO-CUNEIFORM SIGN DARA4-A3;Lo;0;L;;;;;N;;;;;
 1276E;PROTO-CUNEIFORM SIGN DARA4-B;Lo;0;L;;;;;N;;;;;
 1276F;PROTO-CUNEIFORM SIGN DARA4-C1;Lo;0;L;;;;;N;;;;;
 12770;PROTO-CUNEIFORM SIGN DARA4-C2;Lo;0;L;;;;;N;;;;;
 12771;PROTO-CUNEIFORM SIGN DARA4-C3;Lo;0;L;;;;;N;;;;;
 12772;PROTO-CUNEIFORM SIGN DARA4-C4;Lo;0;L;;;;;N;;;;;
 12773;PROTO-CUNEIFORM SIGN DARA4-C5;Lo;0;L;;;;;N;;;;;
 12774;PROTO-CUNEIFORM SIGN DI;Lo;0;L;;;;;N;;;;;
 12775;PROTO-CUNEIFORM SIGN DI TENU;Lo;0;L;;;;;N;;;;;
 12776;PROTO-CUNEIFORM SIGN DIB;Lo;0;L;;;;;N;;;;;
 12777;PROTO-CUNEIFORM SIGN DIB VARIANT 1;Lo;0;L;;;;;N;;;;;
 12778;PROTO-CUNEIFORM SIGN DILMUN;Lo;0;L;;;;;N;;;;;
 12779;PROTO-CUNEIFORM SIGN DILMUN VARIANT 1;Lo;0;L;;;;;N;;;;;
 1277A;PROTO-CUNEIFORM SIGN DILMUN VARIANT 2;Lo;0;L;;;;;N;;;;;
 1277B;PROTO-CUNEIFORM SIGN DIM-A;Lo;0;L;;;;;N;;;;;

1277C;PROTO-CUNEIFORM SIGN DIM-B;Lo;0;L;;;;;N;;;;;
 1277D;PROTO-CUNEIFORM SIGN DIM-C;Lo;0;L;;;;;N;;;;;
 1277E;PROTO-CUNEIFORM SIGN DIN;Lo;0;L;;;;;N;;;;;
 1277F;PROTO-CUNEIFORM SIGN DIN TENU;Lo;0;L;;;;;N;;;;;
 12780;PROTO-CUNEIFORM SIGN DU;Lo;0;L;;;;;N;;;;;
 12781;PROTO-CUNEIFORM SIGN DU GUNU;Lo;0;L;;;;;N;;;;;
 12782;PROTO-CUNEIFORM SIGN DU6-A;Lo;0;L;;;;;N;;;;;
 12783;PROTO-CUNEIFORM SIGN DU6-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12784;PROTO-CUNEIFORM SIGN DU6-B;Lo;0;L;;;;;N;;;;;
 12785;PROTO-CUNEIFORM SIGN DU6-C;Lo;0;L;;;;;N;;;;;
 12786;PROTO-CUNEIFORM SIGN DU7;Lo;0;L;;;;;N;;;;;
 12787;PROTO-CUNEIFORM SIGN DU8-A;Lo;0;L;;;;;N;;;;;
 12788;PROTO-CUNEIFORM SIGN DU8-B;Lo;0;L;;;;;N;;;;;
 12789;PROTO-CUNEIFORM SIGN DU8-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 1278A;PROTO-CUNEIFORM SIGN DU8-C;Lo;0;L;;;;;N;;;;;
 1278B;PROTO-CUNEIFORM SIGN DU8-C GUNU;Lo;0;L;;;;;N;;;;;
 1278C;PROTO-CUNEIFORM SIGN DU8-C GUNU VARIANT 1;Lo;0;L;;;;;N;;;;;
 1278D;PROTO-CUNEIFORM SIGN DUB-A;Lo;0;L;;;;;N;;;;;
 1278E;PROTO-CUNEIFORM SIGN DUB-B;Lo;0;L;;;;;N;;;;;
 1278F;PROTO-CUNEIFORM SIGN DUB-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12790;PROTO-CUNEIFORM SIGN DUB-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 12791;PROTO-CUNEIFORM SIGN DUB-B VARIANT 3;Lo;0;L;;;;;N;;;;;
 12792;PROTO-CUNEIFORM SIGN DUB-B VARIANT 4;Lo;0;L;;;;;N;;;;;
 12793;PROTO-CUNEIFORM SIGN DUB-C;Lo;0;L;;;;;N;;;;;
 12794;PROTO-CUNEIFORM SIGN DUB-D;Lo;0;L;;;;;N;;;;;
 12795;PROTO-CUNEIFORM SIGN DUB-E;Lo;0;L;;;;;N;;;;;
 12796;PROTO-CUNEIFORM SIGN DUB-F;Lo;0;L;;;;;N;;;;;
 12797;PROTO-CUNEIFORM SIGN DUB2;Lo;0;L;;;;;N;;;;;
 12798;PROTO-CUNEIFORM SIGN DUG-A;Lo;0;L;;;;;N;;;;;
 12799;PROTO-CUNEIFORM SIGN DUG-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1279A;PROTO-CUNEIFORM SIGN DUG-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 1279B;PROTO-CUNEIFORM SIGN DUG-B;Lo;0;L;;;;;N;;;;;
 1279C;PROTO-CUNEIFORM SIGN DUG-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 1279D;PROTO-CUNEIFORM SIGN DUG-C;Lo;0;L;;;;;N;;;;;
 1279E;PROTO-CUNEIFORM SIGN DUG-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 1279F;PROTO-CUNEIFORM SIGN DUG-C TENU;Lo;0;L;;;;;N;;;;;
 127A0;PROTO-CUNEIFORM SIGN DUG-D;Lo;0;L;;;;;N;;;;;
 127A1;PROTO-CUNEIFORM SIGN DUGUD;Lo;0;L;;;;;N;;;;;
 127A2;PROTO-CUNEIFORM SIGN DUR-A;Lo;0;L;;;;;N;;;;;
 127A3;PROTO-CUNEIFORM SIGN DUR-B;Lo;0;L;;;;;N;;;;;
 127A4;PROTO-CUNEIFORM SIGN DUR2;Lo;0;L;;;;;N;;;;;
 127A5;PROTO-CUNEIFORM SIGN E-A;Lo;0;L;;;;;N;;;;;
 127A6;PROTO-CUNEIFORM SIGN E-B;Lo;0;L;;;;;N;;;;;
 127A7;PROTO-CUNEIFORM SIGN E-C;Lo;0;L;;;;;N;;;;;
 127A8;PROTO-CUNEIFORM SIGN E-D;Lo;0;L;;;;;N;;;;;
 127A9;PROTO-CUNEIFORM SIGN E-E;Lo;0;L;;;;;N;;;;;
 127AA;PROTO-CUNEIFORM SIGN E2-A;Lo;0;L;;;;;N;;;;;
 127AB;PROTO-CUNEIFORM SIGN E2-B;Lo;0;L;;;;;N;;;;;
 127AC;PROTO-CUNEIFORM SIGN E2-C;Lo;0;L;;;;;N;;;;;
 127AD;PROTO-CUNEIFORM SIGN E2-D;Lo;0;L;;;;;N;;;;;

127AE;PROTO-CUNEIFORM SIGN E3-A;Lo;0;L;;;;;N;;;;;
 127AF;PROTO-CUNEIFORM SIGN E3-B;Lo;0;L;;;;;N;;;;;
 127B0;PROTO-CUNEIFORM SIGN EDIN;Lo;0;L;;;;;N;;;;;
 127B1;PROTO-CUNEIFORM SIGN EN-A;Lo;0;L;;;;;N;;;;;
 127B2;PROTO-CUNEIFORM SIGN EN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 127B3;PROTO-CUNEIFORM SIGN EN-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 127B4;PROTO-CUNEIFORM SIGN EN-A VARIANT 3;Lo;0;L;;;;;N;;;;;
 127B5;PROTO-CUNEIFORM SIGN EN-B;Lo;0;L;;;;;N;;;;;
 127B6;PROTO-CUNEIFORM SIGN EN-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 127B7;PROTO-CUNEIFORM SIGN EN-B TENU;Lo;0;L;;;;;N;;;;;
 127B8;PROTO-CUNEIFORM SIGN EN-C;Lo;0;L;;;;;N;;;;;
 127B9;PROTO-CUNEIFORM SIGN EN-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 127BA;PROTO-CUNEIFORM SIGN EN-E;Lo;0;L;;;;;N;;;;;
 127BB;PROTO-CUNEIFORM SIGN EN GUNU-A;Lo;0;L;;;;;N;;;;;
 127BC;PROTO-CUNEIFORM SIGN EN GUNU-B;Lo;0;L;;;;;N;;;;;
 127BD;PROTO-CUNEIFORM SIGN EN2;Lo;0;L;;;;;N;;;;;
 127BE;PROTO-CUNEIFORM SIGN ENDIB;Lo;0;L;;;;;N;;;;;
 127BF;PROTO-CUNEIFORM SIGN ENGIZ;Lo;0;L;;;;;N;;;;;
 127C0;PROTO-CUNEIFORM SIGN ENKUM;Lo;0;L;;;;;N;;;;;
 127C1;PROTO-CUNEIFORM SIGN ENKUM VARIANT 1;Lo;0;L;;;;;N;;;;;
 127C2;PROTO-CUNEIFORM SIGN ENLIL;Lo;0;L;;;;;N;;;;;
 127C3;PROTO-CUNEIFORM SIGN ENSI;Lo;0;L;;;;;N;;;;;
 127C4;PROTO-CUNEIFORM SIGN ENSI2;Lo;0;L;;;;;N;;;;;
 127C5;PROTO-CUNEIFORM SIGN ERIM-A;Lo;0;L;;;;;N;;;;;
 127C6;PROTO-CUNEIFORM SIGN ERIM-B1;Lo;0;L;;;;;N;;;;;
 127C7;PROTO-CUNEIFORM SIGN ERIM-B2;Lo;0;L;;;;;N;;;;;
 127C8;PROTO-CUNEIFORM SIGN ERIM2;Lo;0;L;;;;;N;;;;;
 127C9;PROTO-CUNEIFORM SIGN ERIN;Lo;0;L;;;;;N;;;;;
 127CA;PROTO-CUNEIFORM SIGN ESHDA;Lo;0;L;;;;;N;;;;;
 127CB;PROTO-CUNEIFORM SIGN ESHGAR;Lo;0;L;;;;;N;;;;;
 127CC;PROTO-CUNEIFORM SIGN EZEN-A;Lo;0;L;;;;;N;;;;;
 127CD;PROTO-CUNEIFORM SIGN EZEN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 127CE;PROTO-CUNEIFORM SIGN EZEN-B;Lo;0;L;;;;;N;;;;;
 127CF;PROTO-CUNEIFORM SIGN EZEN-B TENU;Lo;0;L;;;;;N;;;;;
 127D0;PROTO-CUNEIFORM SIGN EZEN-C;Lo;0;L;;;;;N;;;;;
 127D1;PROTO-CUNEIFORM SIGN EZINU-A;Lo;0;L;;;;;N;;;;;
 127D2;PROTO-CUNEIFORM SIGN EZINU-B;Lo;0;L;;;;;N;;;;;
 127D3;PROTO-CUNEIFORM SIGN EZINU-C;Lo;0;L;;;;;N;;;;;
 127D4;PROTO-CUNEIFORM SIGN EZINU-D;Lo;0;L;;;;;N;;;;;
 127D5;PROTO-CUNEIFORM SIGN GA-A;Lo;0;L;;;;;N;;;;;
 127D6;PROTO-CUNEIFORM SIGN GA-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 127D7;PROTO-CUNEIFORM SIGN GA-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 127D8;PROTO-CUNEIFORM SIGN GA-A VARIANT 3;Lo;0;L;;;;;N;;;;;
 127D9;PROTO-CUNEIFORM SIGN GA-A VARIANT 4;Lo;0;L;;;;;N;;;;;
 127DA;PROTO-CUNEIFORM SIGN GA-B;Lo;0;L;;;;;N;;;;;
 127DB;PROTO-CUNEIFORM SIGN GA-C;Lo;0;L;;;;;N;;;;;
 127DC;PROTO-CUNEIFORM SIGN GA2-A1;Lo;0;L;;;;;N;;;;;
 127DD;PROTO-CUNEIFORM SIGN GA2-A2;Lo;0;L;;;;;N;;;;;
 127DE;PROTO-CUNEIFORM SIGN GA2-A3;Lo;0;L;;;;;N;;;;;
 127DF;PROTO-CUNEIFORM SIGN GA2-A4;Lo;0;L;;;;;N;;;;;

127E0;PROTO-CUNEIFORM SIGN GA2-B;Lo;0;L;;;;;N;;;;;
 127E1;PROTO-CUNEIFORM SIGN GA2-C;Lo;0;L;;;;;N;;;;;
 127E2;PROTO-CUNEIFORM SIGN GAAR-A1;Lo;0;L;;;;;N;;;;;
 127E3;PROTO-CUNEIFORM SIGN GAAR-A2;Lo;0;L;;;;;N;;;;;
 127E4;PROTO-CUNEIFORM SIGN GAAR-B1;Lo;0;L;;;;;N;;;;;
 127E5;PROTO-CUNEIFORM SIGN GAAR-B2;Lo;0;L;;;;;N;;;;;
 127E6;PROTO-CUNEIFORM SIGN GADA-A;Lo;0;L;;;;;N;;;;;
 127E7;PROTO-CUNEIFORM SIGN GADA-B;Lo;0;L;;;;;N;;;;;
 127E8;PROTO-CUNEIFORM SIGN GADA-B GUNU;Lo;0;L;;;;;N;;;;;
 127E9;PROTO-CUNEIFORM SIGN GAL-A;Lo;0;L;;;;;N;;;;;
 127EA;PROTO-CUNEIFORM SIGN GAL-B;Lo;0;L;;;;;N;;;;;
 127EB;PROTO-CUNEIFORM SIGN GALGA-A;Lo;0;L;;;;;N;;;;;
 127EC;PROTO-CUNEIFORM SIGN GALGA-B;Lo;0;L;;;;;N;;;;;
 127ED;PROTO-CUNEIFORM SIGN GAN-A;Lo;0;L;;;;;N;;;;;
 127EE;PROTO-CUNEIFORM SIGN GAN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 127EF;PROTO-CUNEIFORM SIGN GAN-B;Lo;0;L;;;;;N;;;;;
 127F0;PROTO-CUNEIFORM SIGN GAN-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 127F1;PROTO-CUNEIFORM SIGN GAN-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 127F2;PROTO-CUNEIFORM SIGN GAN-B VARIANT 3;Lo;0;L;;;;;N;;;;;
 127F3;PROTO-CUNEIFORM SIGN GAN-C;Lo;0;L;;;;;N;;;;;
 127F4;PROTO-CUNEIFORM SIGN GAN-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 127F5;PROTO-CUNEIFORM SIGN GAN-D;Lo;0;L;;;;;N;;;;;
 127F6;PROTO-CUNEIFORM SIGN GAN2;Lo;0;L;;;;;N;;;;;
 127F7;PROTO-CUNEIFORM SIGN GAR;Lo;0;L;;;;;N;;;;;
 127F8;PROTO-CUNEIFORM SIGN GAR GUNU-A;Lo;0;L;;;;;N;;;;;
 127F9;PROTO-CUNEIFORM SIGN GAR GUNU-B;Lo;0;L;;;;;N;;;;;
 127FA;PROTO-CUNEIFORM SIGN GAR GUNU-C;Lo;0;L;;;;;N;;;;;
 127FB;PROTO-CUNEIFORM SIGN GAR3;Lo;0;L;;;;;N;;;;;
 127FC;PROTO-CUNEIFORM SIGN GARA2-A;Lo;0;L;;;;;N;;;;;
 127FD;PROTO-CUNEIFORM SIGN GARA2-B;Lo;0;L;;;;;N;;;;;
 127FE;PROTO-CUNEIFORM SIGN GAZI;Lo;0;L;;;;;N;;;;;
 127FF;PROTO-CUNEIFORM SIGN GESHTIN-A;Lo;0;L;;;;;N;;;;;
 12800;PROTO-CUNEIFORM SIGN GESHTIN-C;Lo;0;L;;;;;N;;;;;
 12801;PROTO-CUNEIFORM SIGN GESHTU-A;Lo;0;L;;;;;N;;;;;
 12802;PROTO-CUNEIFORM SIGN GESHTU-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12803;PROTO-CUNEIFORM SIGN GESHTU-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12804;PROTO-CUNEIFORM SIGN GESHTU-B;Lo;0;L;;;;;N;;;;;
 12805;PROTO-CUNEIFORM SIGN GESHTU-C3;Lo;0;L;;;;;N;;;;;
 12806;PROTO-CUNEIFORM SIGN GESHTU-C3 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12807;PROTO-CUNEIFORM SIGN GESHTU-C5;Lo;0;L;;;;;N;;;;;
 12808;PROTO-CUNEIFORM SIGN GI;Lo;0;L;;;;;N;;;;;
 12809;PROTO-CUNEIFORM SIGN GI VARIANT 1;Lo;0;L;;;;;N;;;;;
 1280A;PROTO-CUNEIFORM SIGN GI TENU;Lo;0;L;;;;;N;;;;;
 1280B;PROTO-CUNEIFORM SIGN GI4-A;Lo;0;L;;;;;N;;;;;
 1280C;PROTO-CUNEIFORM SIGN GI4-B;Lo;0;L;;;;;N;;;;;
 1280D;PROTO-CUNEIFORM SIGN GI6;Lo;0;L;;;;;N;;;;;
 1280E;PROTO-CUNEIFORM SIGN GI6 VARIANT 1;Lo;0;L;;;;;N;;;;;
 1280F;PROTO-CUNEIFORM SIGN GIBIL;Lo;0;L;;;;;N;;;;;
 12810;PROTO-CUNEIFORM SIGN GIBIL TENU;Lo;0;L;;;;;N;;;;;
 12811;PROTO-CUNEIFORM SIGN GIBIL6;Lo;0;L;;;;;N;;;;;

12812;PROTO-CUNEIFORM SIGN GIG;Lo;0;L;;;;;N;;;;;
 12813;PROTO-CUNEIFORM SIGN GIL;Lo;0;L;;;;;N;;;;;
 12814;PROTO-CUNEIFORM SIGN GIR-A;Lo;0;L;;;;;N;;;;;
 12815;PROTO-CUNEIFORM SIGN GIR-B;Lo;0;L;;;;;N;;;;;
 12816;PROTO-CUNEIFORM SIGN GIR-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12817;PROTO-CUNEIFORM SIGN GIR-C;Lo;0;L;;;;;N;;;;;
 12818;PROTO-CUNEIFORM SIGN GIR-D;Lo;0;L;;;;;N;;;;;
 12819;PROTO-CUNEIFORM SIGN GIR2-A;Lo;0;L;;;;;N;;;;;
 1281A;PROTO-CUNEIFORM SIGN GIR2-B;Lo;0;L;;;;;N;;;;;
 1281B;PROTO-CUNEIFORM SIGN GIR3-A;Lo;0;L;;;;;N;;;;;
 1281C;PROTO-CUNEIFORM SIGN GIR3-B;Lo;0;L;;;;;N;;;;;
 1281D;PROTO-CUNEIFORM SIGN GIR3-C;Lo;0;L;;;;;N;;;;;
 1281E;PROTO-CUNEIFORM SIGN GIR3 GUNU-A;Lo;0;L;;;;;N;;;;;
 1281F;PROTO-CUNEIFORM SIGN GIR3 GUNU-B;Lo;0;L;;;;;N;;;;;
 12820;PROTO-CUNEIFORM SIGN GIR3 GUNU-C;Lo;0;L;;;;;N;;;;;
 12821;PROTO-CUNEIFORM SIGN GIR4;Lo;0;L;;;;;N;;;;;
 12822;PROTO-CUNEIFORM SIGN GISAL-A;Lo;0;L;;;;;N;;;;;
 12823;PROTO-CUNEIFORM SIGN GISAL-B;Lo;0;L;;;;;N;;;;;
 12824;PROTO-CUNEIFORM SIGN GISH;Lo;0;L;;;;;N;;;;;
 12825;PROTO-CUNEIFORM SIGN GISH-X;Lo;0;L;;;;;N;;;;;
 12826;PROTO-CUNEIFORM SIGN GISH TENU;Lo;0;L;;;;;N;;;;;
 12827;PROTO-CUNEIFORM SIGN GISH3-A;Lo;0;L;;;;;N;;;;;
 12828;PROTO-CUNEIFORM SIGN GISH3-B;Lo;0;L;;;;;N;;;;;
 12829;PROTO-CUNEIFORM SIGN GISHGAL;Lo;0;L;;;;;N;;;;;
 1282A;PROTO-CUNEIFORM SIGN GISHGAL VARIANT 1;Lo;0;L;;;;;N;;;;;
 1282B;PROTO-CUNEIFORM SIGN GISHIMMAR-A1;Lo;0;L;;;;;N;;;;;
 1282C;PROTO-CUNEIFORM SIGN GISHIMMAR-A2;Lo;0;L;;;;;N;;;;;
 1282D;PROTO-CUNEIFORM SIGN GISHIMMAR-A3;Lo;0;L;;;;;N;;;;;
 1282E;PROTO-CUNEIFORM SIGN GISHIMMAR-B1;Lo;0;L;;;;;N;;;;;
 1282F;PROTO-CUNEIFORM SIGN GISHIMMAR-B1 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12830;PROTO-CUNEIFORM SIGN GISHIMMAR-B1 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12831;PROTO-CUNEIFORM SIGN GISHIMMAR-B3;Lo;0;L;;;;;N;;;;;
 12832;PROTO-CUNEIFORM SIGN GIZZAL-X;Lo;0;L;;;;;N;;;;;
 12833;PROTO-CUNEIFORM SIGN GU;Lo;0;L;;;;;N;;;;;
 12834;PROTO-CUNEIFORM SIGN GU2;Lo;0;L;;;;;N;;;;;
 12835;PROTO-CUNEIFORM SIGN GU4;Lo;0;L;;;;;N;;;;;
 12836;PROTO-CUNEIFORM SIGN GU4 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12837;PROTO-CUNEIFORM SIGN GU4 GUNU;Lo;0;L;;;;;N;;;;;
 12838;PROTO-CUNEIFORM SIGN GU7;Lo;0;L;;;;;N;;;;;
 12839;PROTO-CUNEIFORM SIGN GU7 VARIANT 1;Lo;0;L;;;;;N;;;;;
 1283A;PROTO-CUNEIFORM SIGN GUB3-A;Lo;0;L;;;;;N;;;;;
 1283B;PROTO-CUNEIFORM SIGN GUB3-B;Lo;0;L;;;;;N;;;;;
 1283C;PROTO-CUNEIFORM SIGN GUB3-C;Lo;0;L;;;;;N;;;;;
 1283D;PROTO-CUNEIFORM SIGN GUB3-D;Lo;0;L;;;;;N;;;;;
 1283E;PROTO-CUNEIFORM SIGN GUG2;Lo;0;L;;;;;N;;;;;
 1283F;PROTO-CUNEIFORM SIGN GUG2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12840;PROTO-CUNEIFORM SIGN GUG2 TENU;Lo;0;L;;;;;N;;;;;
 12841;PROTO-CUNEIFORM SIGN GUKKAL-A;Lo;0;L;;;;;N;;;;;
 12842;PROTO-CUNEIFORM SIGN GUKKAL-B;Lo;0;L;;;;;N;;;;;
 12843;PROTO-CUNEIFORM SIGN GUKKAL-C;Lo;0;L;;;;;N;;;;;

12844;PROTO-CUNEIFORM SIGN GUKKAL-D;Lo;0;L;;;;;N;;;;;
 12845;PROTO-CUNEIFORM SIGN GUL;Lo;0;L;;;;;N;;;;;
 12846;PROTO-CUNEIFORM SIGN GUM-A;Lo;0;L;;;;;N;;;;;
 12847;PROTO-CUNEIFORM SIGN GUM-B;Lo;0;L;;;;;N;;;;;
 12848;PROTO-CUNEIFORM SIGN GUM-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12849;PROTO-CUNEIFORM SIGN GUM-B NUTILLU;Lo;0;L;;;;;N;;;;;
 1284A;PROTO-CUNEIFORM SIGN GUM-B NUTILLU VARIANT 1;Lo;0;L;;;;;N;;;;;
 1284B;PROTO-CUNEIFORM SIGN GUN3-A;Lo;0;L;;;;;N;;;;;
 1284C;PROTO-CUNEIFORM SIGN GUN3-B;Lo;0;L;;;;;N;;;;;
 1284D;PROTO-CUNEIFORM SIGN GUR;Lo;0;L;;;;;N;;;;;
 1284E;PROTO-CUNEIFORM SIGN GURUSH-A;Lo;0;L;;;;;N;;;;;
 1284F;PROTO-CUNEIFORM SIGN GURUSH-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12850;PROTO-CUNEIFORM SIGN GURUSH-B;Lo;0;L;;;;;N;;;;;
 12851;PROTO-CUNEIFORM SIGN GURUSHDA;Lo;0;L;;;;;N;;;;;
 12852;PROTO-CUNEIFORM SIGN HAL;Lo;0;L;;;;;N;;;;;
 12853;PROTO-CUNEIFORM SIGN HALUB;Lo;0;L;;;;;N;;;;;
 12854;PROTO-CUNEIFORM SIGN HASHHUR;Lo;0;L;;;;;N;;;;;
 12855;PROTO-CUNEIFORM SIGN HI;Lo;0;L;;;;;N;;;;;
 12856;PROTO-CUNEIFORM SIGN HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12857;PROTO-CUNEIFORM SIGN HI GUNU-B;Lo;0;L;;;;;N;;;;;
 12858;PROTO-CUNEIFORM SIGN HI GUNU-C;Lo;0;L;;;;;N;;;;;
 12859;PROTO-CUNEIFORM SIGN HUB2;Lo;0;L;;;;;N;;;;;
 1285A;PROTO-CUNEIFORM SIGN I;Lo;0;L;;;;;N;;;;;
 1285B;PROTO-CUNEIFORM SIGN IB-A;Lo;0;L;;;;;N;;;;;
 1285C;PROTO-CUNEIFORM SIGN IB-A NUTILLU;Lo;0;L;;;;;N;;;;;
 1285D;PROTO-CUNEIFORM SIGN IB-B;Lo;0;L;;;;;N;;;;;
 1285E;PROTO-CUNEIFORM SIGN IDIGNA;Lo;0;L;;;;;N;;;;;
 1285F;PROTO-CUNEIFORM SIGN IDIGNA VARIANT 1;Lo;0;L;;;;;N;;;;;
 12860;PROTO-CUNEIFORM SIGN IG-A;Lo;0;L;;;;;N;;;;;
 12861;PROTO-CUNEIFORM SIGN IG-B;Lo;0;L;;;;;N;;;;;
 12862;PROTO-CUNEIFORM SIGN IGI;Lo;0;L;;;;;N;;;;;
 12863;PROTO-CUNEIFORM SIGN IL;Lo;0;L;;;;;N;;;;;
 12864;PROTO-CUNEIFORM SIGN ILDUM-A;Lo;0;L;;;;;N;;;;;
 12865;PROTO-CUNEIFORM SIGN ILDUM-B;Lo;0;L;;;;;N;;;;;
 12866;PROTO-CUNEIFORM SIGN IM-A;Lo;0;L;;;;;N;;;;;
 12867;PROTO-CUNEIFORM SIGN IM-A GUNU;Lo;0;L;;;;;N;;;;;
 12868;PROTO-CUNEIFORM SIGN IM-B;Lo;0;L;;;;;N;;;;;
 12869;PROTO-CUNEIFORM SIGN IN-B;Lo;0;L;;;;;N;;;;;
 1286A;PROTO-CUNEIFORM SIGN IN-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 1286B;PROTO-CUNEIFORM SIGN IN-D;Lo;0;L;;;;;N;;;;;
 1286C;PROTO-CUNEIFORM SIGN IR-A;Lo;0;L;;;;;N;;;;;
 1286D;PROTO-CUNEIFORM SIGN IR-B;Lo;0;L;;;;;N;;;;;
 1286E;PROTO-CUNEIFORM SIGN IR-C;Lo;0;L;;;;;N;;;;;
 1286F;PROTO-CUNEIFORM SIGN IR-D;Lo;0;L;;;;;N;;;;;
 12870;PROTO-CUNEIFORM SIGN IR11;Lo;0;L;;;;;N;;;;;
 12871;PROTO-CUNEIFORM SIGN IR11 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12872;PROTO-CUNEIFORM SIGN IRHAN;Lo;0;L;;;;;N;;;;;
 12873;PROTO-CUNEIFORM SIGN ISH-A;Lo;0;L;;;;;N;;;;;
 12874;PROTO-CUNEIFORM SIGN ISH-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12875;PROTO-CUNEIFORM SIGN ISH-B;Lo;0;L;;;;;N;;;;;

12876;PROTO-CUNEIFORM SIGN ISH-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12877;PROTO-CUNEIFORM SIGN ISH-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 12878;PROTO-CUNEIFORM SIGN ISH-B VARIANT 3;Lo;0;L;;;;;N;;;;;
 12879;PROTO-CUNEIFORM SIGN ISH-B VARIANT 4;Lo;0;L;;;;;N;;;;;
 1287A;PROTO-CUNEIFORM SIGN ISH-B VARIANT 5;Lo;0;L;;;;;N;;;;;
 1287B;PROTO-CUNEIFORM SIGN ISH-C;Lo;0;L;;;;;N;;;;;
 1287C;PROTO-CUNEIFORM SIGN KA-A;Lo;0;L;;;;;N;;;;;
 1287D;PROTO-CUNEIFORM SIGN KA2-A;Lo;0;L;;;;;N;;;;;
 1287E;PROTO-CUNEIFORM SIGN KA2-B;Lo;0;L;;;;;N;;;;;
 1287F;PROTO-CUNEIFORM SIGN KA2-C;Lo;0;L;;;;;N;;;;;
 12880;PROTO-CUNEIFORM SIGN KA2-D;Lo;0;L;;;;;N;;;;;
 12881;PROTO-CUNEIFORM SIGN KAB;Lo;0;L;;;;;N;;;;;
 12882;PROTO-CUNEIFORM SIGN KAD4-A;Lo;0;L;;;;;N;;;;;
 12883;PROTO-CUNEIFORM SIGN KAD4-B;Lo;0;L;;;;;N;;;;;
 12884;PROTO-CUNEIFORM SIGN KAD4-C1;Lo;0;L;;;;;N;;;;;
 12885;PROTO-CUNEIFORM SIGN KAD4-C2;Lo;0;L;;;;;N;;;;;
 12886;PROTO-CUNEIFORM SIGN KAK-A;Lo;0;L;;;;;N;;;;;
 12887;PROTO-CUNEIFORM SIGN KAK-B;Lo;0;L;;;;;N;;;;;
 12888;PROTO-CUNEIFORM SIGN KAL-A;Lo;0;L;;;;;N;;;;;
 12889;PROTO-CUNEIFORM SIGN KAL-B1;Lo;0;L;;;;;N;;;;;
 1288A;PROTO-CUNEIFORM SIGN KAL-B1 VARIANT 1;Lo;0;L;;;;;N;;;;;
 1288B;PROTO-CUNEIFORM SIGN KAL-B2;Lo;0;L;;;;;N;;;;;
 1288C;PROTO-CUNEIFORM SIGN KALAM-A;Lo;0;L;;;;;N;;;;;
 1288D;PROTO-CUNEIFORM SIGN KALAM-B;Lo;0;L;;;;;N;;;;;
 1288E;PROTO-CUNEIFORM SIGN KALAM-C;Lo;0;L;;;;;N;;;;;
 1288F;PROTO-CUNEIFORM SIGN KALAM-D;Lo;0;L;;;;;N;;;;;
 12890;PROTO-CUNEIFORM SIGN KALAM-E;Lo;0;L;;;;;N;;;;;
 12891;PROTO-CUNEIFORM SIGN KALAM-F;Lo;0;L;;;;;N;;;;;
 12892;PROTO-CUNEIFORM SIGN KAR;Lo;0;L;;;;;N;;;;;
 12893;PROTO-CUNEIFORM SIGN KAR2-A;Lo;0;L;;;;;N;;;;;
 12894;PROTO-CUNEIFORM SIGN KAR2-B;Lo;0;L;;;;;N;;;;;
 12895;PROTO-CUNEIFORM SIGN KASH-A;Lo;0;L;;;;;N;;;;;
 12896;PROTO-CUNEIFORM SIGN KASH-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12897;PROTO-CUNEIFORM SIGN KASH-B;Lo;0;L;;;;;N;;;;;
 12898;PROTO-CUNEIFORM SIGN KASH-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12899;PROTO-CUNEIFORM SIGN KASH-B TENU;Lo;0;L;;;;;N;;;;;
 1289A;PROTO-CUNEIFORM SIGN KASH-C;Lo;0;L;;;;;N;;;;;
 1289B;PROTO-CUNEIFORM SIGN KASH-D;Lo;0;L;;;;;N;;;;;
 1289C;PROTO-CUNEIFORM SIGN KASKAL;Lo;0;L;;;;;N;;;;;
 1289D;PROTO-CUNEIFORM SIGN KASKAL GUNU;Lo;0;L;;;;;N;;;;;
 1289E;PROTO-CUNEIFORM SIGN KESH2;Lo;0;L;;;;;N;;;;;
 1289F;PROTO-CUNEIFORM SIGN KI;Lo;0;L;;;;;N;;;;;
 128A0;PROTO-CUNEIFORM SIGN KI NUTILLU;Lo;0;L;;;;;N;;;;;
 128A1;PROTO-CUNEIFORM SIGN KIB;Lo;0;L;;;;;N;;;;;
 128A2;PROTO-CUNEIFORM SIGN KIB GUNU;Lo;0;L;;;;;N;;;;;
 128A3;PROTO-CUNEIFORM SIGN KID-A;Lo;0;L;;;;;N;;;;;
 128A4;PROTO-CUNEIFORM SIGN KID-B;Lo;0;L;;;;;N;;;;;
 128A5;PROTO-CUNEIFORM SIGN KID-C;Lo;0;L;;;;;N;;;;;
 128A6;PROTO-CUNEIFORM SIGN KID-D;Lo;0;L;;;;;N;;;;;
 128A7;PROTO-CUNEIFORM SIGN KID-E;Lo;0;L;;;;;N;;;;;

128A8;PROTO-CUNEIFORM SIGN KIN;Lo;0;L;;;;;N;;;;;
 128A9;PROTO-CUNEIFORM SIGN KIN2-A;Lo;0;L;;;;;N;;;;;
 128AA;PROTO-CUNEIFORM SIGN KIN2-C;Lo;0;L;;;;;N;;;;;
 128AB;PROTO-CUNEIFORM SIGN KIN2-D;Lo;0;L;;;;;N;;;;;
 128AC;PROTO-CUNEIFORM SIGN KIN2-E;Lo;0;L;;;;;N;;;;;
 128AD;PROTO-CUNEIFORM SIGN KINGAL;Lo;0;L;;;;;N;;;;;
 128AE;PROTO-CUNEIFORM SIGN KINGAL VARIANT 1;Lo;0;L;;;;;N;;;;;
 128AF;PROTO-CUNEIFORM SIGN KIR11;Lo;0;L;;;;;N;;;;;
 128B0;PROTO-CUNEIFORM SIGN KISAL-A1;Lo;0;L;;;;;N;;;;;
 128B1;PROTO-CUNEIFORM SIGN KISAL-A2;Lo;0;L;;;;;N;;;;;
 128B2;PROTO-CUNEIFORM SIGN KISAL-B1;Lo;0;L;;;;;N;;;;;
 128B3;PROTO-CUNEIFORM SIGN KISAL-B2;Lo;0;L;;;;;N;;;;;
 128B4;PROTO-CUNEIFORM SIGN KISAL-B2 TENU;Lo;0;L;;;;;N;;;;;
 128B5;PROTO-CUNEIFORM SIGN KISAL-B3;Lo;0;L;;;;;N;;;;;
 128B6;PROTO-CUNEIFORM SIGN KISH;Lo;0;L;;;;;N;;;;;
 128B7;PROTO-CUNEIFORM SIGN KISH VARIANT 1;Lo;0;L;;;;;N;;;;;
 128B8;PROTO-CUNEIFORM SIGN KISHIK-A;Lo;0;L;;;;;N;;;;;
 128B9;PROTO-CUNEIFORM SIGN KISHIK-B;Lo;0;L;;;;;N;;;;;
 128BA;PROTO-CUNEIFORM SIGN KISIM-A;Lo;0;L;;;;;N;;;;;
 128BB;PROTO-CUNEIFORM SIGN KISIM-B;Lo;0;L;;;;;N;;;;;
 128BC;PROTO-CUNEIFORM SIGN KISIM-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 128BD;PROTO-CUNEIFORM SIGN KISIM-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 128BE;PROTO-CUNEIFORM SIGN KISIM-B VARIANT 3;Lo;0;L;;;;;N;;;;;
 128BF;PROTO-CUNEIFORM SIGN KISIM-C;Lo;0;L;;;;;N;;;;;
 128C0;PROTO-CUNEIFORM SIGN KITI;Lo;0;L;;;;;N;;;;;
 128C1;PROTO-CUNEIFORM SIGN KITI VARIANT 1;Lo;0;L;;;;;N;;;;;
 128C2;PROTO-CUNEIFORM SIGN KU-A;Lo;0;L;;;;;N;;;;;
 128C3;PROTO-CUNEIFORM SIGN KU-A TENU;Lo;0;L;;;;;N;;;;;
 128C4;PROTO-CUNEIFORM SIGN KU-B1;Lo;0;L;;;;;N;;;;;
 128C5;PROTO-CUNEIFORM SIGN KU-B2;Lo;0;L;;;;;N;;;;;
 128C6;PROTO-CUNEIFORM SIGN KU3-A;Lo;0;L;;;;;N;;;;;
 128C7;PROTO-CUNEIFORM SIGN KU3-C;Lo;0;L;;;;;N;;;;;
 128C8;PROTO-CUNEIFORM SIGN KU6-A;Lo;0;L;;;;;N;;;;;
 128C9;PROTO-CUNEIFORM SIGN KU6-A SHESSHIG;Lo;0;L;;;;;N;;;;;
 128CA;PROTO-CUNEIFORM SIGN KU6-C;Lo;0;L;;;;;N;;;;;
 128CB;PROTO-CUNEIFORM SIGN KU6-D;Lo;0;L;;;;;N;;;;;
 128CC;PROTO-CUNEIFORM SIGN KUN;Lo;0;L;;;;;N;;;;;
 128CD;PROTO-CUNEIFORM SIGN KUR-A;Lo;0;L;;;;;N;;;;;
 128CE;PROTO-CUNEIFORM SIGN KUR-B;Lo;0;L;;;;;N;;;;;
 128CF;PROTO-CUNEIFORM SIGN KUR-C;Lo;0;L;;;;;N;;;;;
 128D0;PROTO-CUNEIFORM SIGN KUR-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 128D1;PROTO-CUNEIFORM SIGN KUR-D;Lo;0;L;;;;;N;;;;;
 128D2;PROTO-CUNEIFORM SIGN KUR GUNU-A;Lo;0;L;;;;;N;;;;;
 128D3;PROTO-CUNEIFORM SIGN KUR GUNU-B;Lo;0;L;;;;;N;;;;;
 128D4;PROTO-CUNEIFORM SIGN KUSHU2-A;Lo;0;L;;;;;N;;;;;
 128D5;PROTO-CUNEIFORM SIGN KUSHU2-B;Lo;0;L;;;;;N;;;;;
 128D6;PROTO-CUNEIFORM SIGN KUSHU2-C;Lo;0;L;;;;;N;;;;;
 128D7;PROTO-CUNEIFORM SIGN KUSHU2-D;Lo;0;L;;;;;N;;;;;
 128D8;PROTO-CUNEIFORM SIGN KUSHU2-E;Lo;0;L;;;;;N;;;;;
 128D9;PROTO-CUNEIFORM SIGN KUSHU2-F;Lo;0;L;;;;;N;;;;;

128DA;PROTO-CUNEIFORM SIGN LA-B;Lo;0;L;;;;N;;;;;
 128DB;PROTO-CUNEIFORM SIGN LA-C;Lo;0;L;;;;N;;;;;
 128DC;PROTO-CUNEIFORM SIGN LA-D;Lo;0;L;;;;N;;;;;
 128DD;PROTO-CUNEIFORM SIGN LA-E;Lo;0;L;;;;N;;;;;
 128DE;PROTO-CUNEIFORM SIGN LA2;Lo;0;L;;;;N;;;;;
 128DF;PROTO-CUNEIFORM SIGN LAGAB-A;Lo;0;L;;;;N;;;;;
 128E0;PROTO-CUNEIFORM SIGN LAGAB-B;Lo;0;L;;;;N;;;;;
 128E1;PROTO-CUNEIFORM SIGN LAGAR-A;Lo;0;L;;;;N;;;;;
 128E2;PROTO-CUNEIFORM SIGN LAGAR-A REVERSED;Lo;0;L;;;;N;;;;;
 128E3;PROTO-CUNEIFORM SIGN LAGAR-B1;Lo;0;L;;;;N;;;;;
 128E4;PROTO-CUNEIFORM SIGN LAGAR-B2;Lo;0;L;;;;N;;;;;
 128E5;PROTO-CUNEIFORM SIGN LAGAR-C;Lo;0;L;;;;N;;;;;
 128E6;PROTO-CUNEIFORM SIGN LAHTAN2;Lo;0;L;;;;N;;;;;
 128E7;PROTO-CUNEIFORM SIGN LAK025;Lo;0;L;;;;N;;;;;
 128E8;PROTO-CUNEIFORM SIGN LAK050;Lo;0;L;;;;N;;;;;
 128E9;PROTO-CUNEIFORM SIGN LAK172;Lo;0;L;;;;N;;;;;
 128EA;PROTO-CUNEIFORM SIGN LAK251;Lo;0;L;;;;N;;;;;
 128EB;PROTO-CUNEIFORM SIGN LAK350;Lo;0;L;;;;N;;;;;
 128EC;PROTO-CUNEIFORM SIGN LAK777;Lo;0;L;;;;N;;;;;
 128ED;PROTO-CUNEIFORM SIGN LAL2-A;Lo;0;L;;;;N;;;;;
 128EE;PROTO-CUNEIFORM SIGN LAL2-B;Lo;0;L;;;;N;;;;;
 128EF;PROTO-CUNEIFORM SIGN LAL3-A;Lo;0;L;;;;N;;;;;
 128F0;PROTO-CUNEIFORM SIGN LAL3-B;Lo;0;L;;;;N;;;;;
 128F1;PROTO-CUNEIFORM SIGN LAL3-C;Lo;0;L;;;;N;;;;;
 128F2;PROTO-CUNEIFORM SIGN LAM-A;Lo;0;L;;;;N;;;;;
 128F3;PROTO-CUNEIFORM SIGN LAM-B;Lo;0;L;;;;N;;;;;
 128F4;PROTO-CUNEIFORM SIGN LAM-B VARIANT 1;Lo;0;L;;;;N;;;;;
 128F5;PROTO-CUNEIFORM SIGN LAM-B VARIANT 2;Lo;0;L;;;;N;;;;;
 128F6;PROTO-CUNEIFORM SIGN LAM-B TENU;Lo;0;L;;;;N;;;;;
 128F7;PROTO-CUNEIFORM SIGN LAM-B SHESSHIG;Lo;0;L;;;;N;;;;;
 128F8;PROTO-CUNEIFORM SIGN LAM-B REVERSED;Lo;0;L;;;;N;;;;;
 128F9;PROTO-CUNEIFORM SIGN LAM-C;Lo;0;L;;;;N;;;;;
 128FA;PROTO-CUNEIFORM SIGN LI;Lo;0;L;;;;N;;;;;
 128FB;PROTO-CUNEIFORM SIGN LI VARIANT 1;Lo;0;L;;;;N;;;;;
 128FC;PROTO-CUNEIFORM SIGN LISH;Lo;0;L;;;;N;;;;;
 128FD;PROTO-CUNEIFORM SIGN LU2;Lo;0;L;;;;N;;;;;
 128FE;PROTO-CUNEIFORM SIGN LU2 VARIANT 1;Lo;0;L;;;;N;;;;;
 128FF;PROTO-CUNEIFORM SIGN LU2 VARIANT 2;Lo;0;L;;;;N;;;;;
 12900;PROTO-CUNEIFORM SIGN LU2 TENU;Lo;0;L;;;;N;;;;;
 12901;PROTO-CUNEIFORM SIGN LUGAL;Lo;0;L;;;;N;;;;;
 12902;PROTO-CUNEIFORM SIGN LUGAL VARIANT 1;Lo;0;L;;;;N;;;;;
 12903;PROTO-CUNEIFORM SIGN LUM;Lo;0;L;;;;N;;;;;
 12904;PROTO-CUNEIFORM SIGN MA;Lo;0;L;;;;N;;;;;
 12905;PROTO-CUNEIFORM SIGN MA VARIANT 1;Lo;0;L;;;;N;;;;;
 12906;PROTO-CUNEIFORM SIGN MA2;Lo;0;L;;;;N;;;;;
 12907;PROTO-CUNEIFORM SIGN MAGUR-A;Lo;0;L;;;;N;;;;;
 12908;PROTO-CUNEIFORM SIGN MAGUR-B;Lo;0;L;;;;N;;;;;
 12909;PROTO-CUNEIFORM SIGN MAH-A;Lo;0;L;;;;N;;;;;
 1290A;PROTO-CUNEIFORM SIGN MAH-B;Lo;0;L;;;;N;;;;;
 1290B;PROTO-CUNEIFORM SIGN MAR-A;Lo;0;L;;;;N;;;;;

1290C;PROTO-CUNEIFORM SIGN MAR-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1290D;PROTO-CUNEIFORM SIGN MAR-A TENU;Lo;0;L;;;;;N;;;;;
 1290E;PROTO-CUNEIFORM SIGN MAR-B;Lo;0;L;;;;;N;;;;;
 1290F;PROTO-CUNEIFORM SIGN MASH;Lo;0;L;;;;;N;;;;;
 12910;PROTO-CUNEIFORM SIGN MASH2;Lo;0;L;;;;;N;;;;;
 12911;PROTO-CUNEIFORM SIGN MASH2 GUNU;Lo;0;L;;;;;N;;;;;
 12912;PROTO-CUNEIFORM SIGN ME-A;Lo;0;L;;;;;N;;;;;
 12913;PROTO-CUNEIFORM SIGN ME-B;Lo;0;L;;;;;N;;;;;
 12914;PROTO-CUNEIFORM SIGN ME3;Lo;0;L;;;;;N;;;;;
 12915;PROTO-CUNEIFORM SIGN MEN-A;Lo;0;L;;;;;N;;;;;
 12916;PROTO-CUNEIFORM SIGN MEN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12917;PROTO-CUNEIFORM SIGN MEN-B;Lo;0;L;;;;;N;;;;;
 12918;PROTO-CUNEIFORM SIGN MES;Lo;0;L;;;;;N;;;;;
 12919;PROTO-CUNEIFORM SIGN MES VARIANT 1;Lo;0;L;;;;;N;;;;;
 1291A;PROTO-CUNEIFORM SIGN MIR-A;Lo;0;L;;;;;N;;;;;
 1291B;PROTO-CUNEIFORM SIGN MIR-B;Lo;0;L;;;;;N;;;;;
 1291C;PROTO-CUNEIFORM SIGN MU;Lo;0;L;;;;;N;;;;;
 1291D;PROTO-CUNEIFORM SIGN MUD;Lo;0;L;;;;;N;;;;;
 1291E;PROTO-CUNEIFORM SIGN MUD VARIANT 1;Lo;0;L;;;;;N;;;;;
 1291F;PROTO-CUNEIFORM SIGN MUD3-A;Lo;0;L;;;;;N;;;;;
 12920;PROTO-CUNEIFORM SIGN MUD3-A GUNU;Lo;0;L;;;;;N;;;;;
 12921;PROTO-CUNEIFORM SIGN MUD3-B;Lo;0;L;;;;;N;;;;;
 12922;PROTO-CUNEIFORM SIGN MUD3-C;Lo;0;L;;;;;N;;;;;
 12923;PROTO-CUNEIFORM SIGN MUD3-D;Lo;0;L;;;;;N;;;;;
 12924;PROTO-CUNEIFORM SIGN MUL;Lo;0;L;;;;;N;;;;;
 12925;PROTO-CUNEIFORM SIGN MUN-A1;Lo;0;L;;;;;N;;;;;
 12926;PROTO-CUNEIFORM SIGN MUN-A2;Lo;0;L;;;;;N;;;;;
 12927;PROTO-CUNEIFORM SIGN MUN-A3;Lo;0;L;;;;;N;;;;;
 12928;PROTO-CUNEIFORM SIGN MUN-A4;Lo;0;L;;;;;N;;;;;
 12929;PROTO-CUNEIFORM SIGN MUN-B;Lo;0;L;;;;;N;;;;;
 1292A;PROTO-CUNEIFORM SIGN MUNSHUB-A;Lo;0;L;;;;;N;;;;;
 1292B;PROTO-CUNEIFORM SIGN MUNSHUB-B;Lo;0;L;;;;;N;;;;;
 1292C;PROTO-CUNEIFORM SIGN MUNU3;Lo;0;L;;;;;N;;;;;
 1292D;PROTO-CUNEIFORM SIGN MURUB2;Lo;0;L;;;;;N;;;;;
 1292E;PROTO-CUNEIFORM SIGN MUSH;Lo;0;L;;;;;N;;;;;
 1292F;PROTO-CUNEIFORM SIGN MUSH3-A;Lo;0;L;;;;;N;;;;;
 12930;PROTO-CUNEIFORM SIGN MUSH3-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12931;PROTO-CUNEIFORM SIGN MUSH3-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12932;PROTO-CUNEIFORM SIGN MUSH3-A GUNU;Lo;0;L;;;;;N;;;;;
 12933;PROTO-CUNEIFORM SIGN MUSH3-A GUNU VARIANT 1;Lo;0;L;;;;;N;;;;;
 12934;PROTO-CUNEIFORM SIGN MUSH3-B;Lo;0;L;;;;;N;;;;;
 12935;PROTO-CUNEIFORM SIGN MUSHEN;Lo;0;L;;;;;N;;;;;
 12936;PROTO-CUNEIFORM SIGN NA-A;Lo;0;L;;;;;N;;;;;
 12937;PROTO-CUNEIFORM SIGN NA-B;Lo;0;L;;;;;N;;;;;
 12938;PROTO-CUNEIFORM SIGN NA-C;Lo;0;L;;;;;N;;;;;
 12939;PROTO-CUNEIFORM SIGN NA-D;Lo;0;L;;;;;N;;;;;
 1293A;PROTO-CUNEIFORM SIGN NA2-A;Lo;0;L;;;;;N;;;;;
 1293B;PROTO-CUNEIFORM SIGN NA2-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1293C;PROTO-CUNEIFORM SIGN NA2-B1;Lo;0;L;;;;;N;;;;;
 1293D;PROTO-CUNEIFORM SIGN NA2-B2;Lo;0;L;;;;;N;;;;;

1293E;PROTO-CUNEIFORM SIGN NAB;Lo;0;L;;;;;N;;;;;
 1293F;PROTO-CUNEIFORM SIGN NAB VARIANT 1;Lo;0;L;;;;;N;;;;;
 12940;PROTO-CUNEIFORM SIGN NAB VARIANT 2;Lo;0;L;;;;;N;;;;;
 12941;PROTO-CUNEIFORM SIGN NAGA-A;Lo;0;L;;;;;N;;;;;
 12942;PROTO-CUNEIFORM SIGN NAGA-B;Lo;0;L;;;;;N;;;;;
 12943;PROTO-CUNEIFORM SIGN NAGAR-A;Lo;0;L;;;;;N;;;;;
 12944;PROTO-CUNEIFORM SIGN NAGAR-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12945;PROTO-CUNEIFORM SIGN NAGAR-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12946;PROTO-CUNEIFORM SIGN NAGAR-A VARIANT 3;Lo;0;L;;;;;N;;;;;
 12947;PROTO-CUNEIFORM SIGN NAGAR-B;Lo;0;L;;;;;N;;;;;
 12948;PROTO-CUNEIFORM SIGN NAGAR-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12949;PROTO-CUNEIFORM SIGN NAM-A;Lo;0;L;;;;;N;;;;;
 1294A;PROTO-CUNEIFORM SIGN NAM-B;Lo;0;L;;;;;N;;;;;
 1294B;PROTO-CUNEIFORM SIGN NAM-C;Lo;0;L;;;;;N;;;;;
 1294C;PROTO-CUNEIFORM SIGN NAM-D;Lo;0;L;;;;;N;;;;;
 1294D;PROTO-CUNEIFORM SIGN NAM2;Lo;0;L;;;;;N;;;;;
 1294E;PROTO-CUNEIFORM SIGN NAM2 TENU;Lo;0;L;;;;;N;;;;;
 1294F;PROTO-CUNEIFORM SIGN NAM2 GUNU;Lo;0;L;;;;;N;;;;;
 12950;PROTO-CUNEIFORM SIGN NAMESHDA;Lo;0;L;;;;;N;;;;;
 12951;PROTO-CUNEIFORM SIGN NAMESHDA VARIANT 1;Lo;0;L;;;;;N;;;;;
 12952;PROTO-CUNEIFORM SIGN NANNA-A;Lo;0;L;;;;;N;;;;;
 12953;PROTO-CUNEIFORM SIGN NANNA-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12954;PROTO-CUNEIFORM SIGN NANNA-B;Lo;0;L;;;;;N;;;;;
 12955;PROTO-CUNEIFORM SIGN NANSHE-A;Lo;0;L;;;;;N;;;;;
 12956;PROTO-CUNEIFORM SIGN NANSHE-B;Lo;0;L;;;;;N;;;;;
 12957;PROTO-CUNEIFORM SIGN NAR;Lo;0;L;;;;;N;;;;;
 12958;PROTO-CUNEIFORM SIGN NE-A;Lo;0;L;;;;;N;;;;;
 12959;PROTO-CUNEIFORM SIGN NE-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1295A;PROTO-CUNEIFORM SIGN NE-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 1295B;PROTO-CUNEIFORM SIGN NE-B;Lo;0;L;;;;;N;;;;;
 1295C;PROTO-CUNEIFORM SIGN NE-C;Lo;0;L;;;;;N;;;;;
 1295D;PROTO-CUNEIFORM SIGN NE-D;Lo;0;L;;;;;N;;;;;
 1295E;PROTO-CUNEIFORM SIGN NERGAL-X;Lo;0;L;;;;;N;;;;;
 1295F;PROTO-CUNEIFORM SIGN NESAG2-A;Lo;0;L;;;;;N;;;;;
 12960;PROTO-CUNEIFORM SIGN NESAG2-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12961;PROTO-CUNEIFORM SIGN NESAG2-B;Lo;0;L;;;;;N;;;;;
 12962;PROTO-CUNEIFORM SIGN NESAG2-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12963;PROTO-CUNEIFORM SIGN NESAG2-B TENU;Lo;0;L;;;;;N;;;;;
 12964;PROTO-CUNEIFORM SIGN NI-A;Lo;0;L;;;;;N;;;;;
 12965;PROTO-CUNEIFORM SIGN NI-A GUNU;Lo;0;L;;;;;N;;;;;
 12966;PROTO-CUNEIFORM SIGN NI-B;Lo;0;L;;;;;N;;;;;
 12967;PROTO-CUNEIFORM SIGN NI2;Lo;0;L;;;;;N;;;;;
 12968;PROTO-CUNEIFORM SIGN NIGIN;Lo;0;L;;;;;N;;;;;
 12969;PROTO-CUNEIFORM SIGN NIM-A;Lo;0;L;;;;;N;;;;;
 1296A;PROTO-CUNEIFORM SIGN NIM-B1;Lo;0;L;;;;;N;;;;;
 1296B;PROTO-CUNEIFORM SIGN NIM-B2;Lo;0;L;;;;;N;;;;;
 1296C;PROTO-CUNEIFORM SIGN NIM-B3;Lo;0;L;;;;;N;;;;;
 1296D;PROTO-CUNEIFORM SIGN NIMGIR;Lo;0;L;;;;;N;;;;;
 1296E;PROTO-CUNEIFORM SIGN NIMGIR VARIANT 1;Lo;0;L;;;;;N;;;;;
 1296F;PROTO-CUNEIFORM SIGN NIN;Lo;0;L;;;;;N;;;;;

12970;PROTO-CUNEIFORM SIGN NINDA2;Lo;0;L;;;;;N;;;;;
 12971;PROTO-CUNEIFORM SIGN NINDA2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12972;PROTO-CUNEIFORM SIGN NINKUM;Lo;0;L;;;;;N;;;;;
 12973;PROTO-CUNEIFORM SIGN NINLIL;Lo;0;L;;;;;N;;;;;
 12974;PROTO-CUNEIFORM SIGN NIR-A;Lo;0;L;;;;;N;;;;;
 12975;PROTO-CUNEIFORM SIGN NIR-B;Lo;0;L;;;;;N;;;;;
 12976;PROTO-CUNEIFORM SIGN NU;Lo;0;L;;;;;N;;;;;
 12977;PROTO-CUNEIFORM SIGN NU GUNU;Lo;0;L;;;;;N;;;;;
 12978;PROTO-CUNEIFORM SIGN NU11;Lo;0;L;;;;;N;;;;;
 12979;PROTO-CUNEIFORM SIGN NU11 TENU;Lo;0;L;;;;;N;;;;;
 1297A;PROTO-CUNEIFORM SIGN NUMUN;Lo;0;L;;;;;N;;;;;
 1297B;PROTO-CUNEIFORM SIGN NUMUN2;Lo;0;L;;;;;N;;;;;
 1297C;PROTO-CUNEIFORM SIGN NUN-A;Lo;0;L;;;;;N;;;;;
 1297D;PROTO-CUNEIFORM SIGN NUN-B;Lo;0;L;;;;;N;;;;;
 1297E;PROTO-CUNEIFORM SIGN NUN-C;Lo;0;L;;;;;N;;;;;
 1297F;PROTO-CUNEIFORM SIGN NUN-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 12980;PROTO-CUNEIFORM SIGN NUN-C VARIANT 2;Lo;0;L;;;;;N;;;;;
 12981;PROTO-CUNEIFORM SIGN NUN-C VARIANT 3;Lo;0;L;;;;;N;;;;;
 12982;PROTO-CUNEIFORM SIGN NUN-D;Lo;0;L;;;;;N;;;;;
 12983;PROTO-CUNEIFORM SIGN NUNUZ-A0;Lo;0;L;;;;;N;;;;;
 12984;PROTO-CUNEIFORM SIGN NUNUZ-A1;Lo;0;L;;;;;N;;;;;
 12985;PROTO-CUNEIFORM SIGN NUNUZ-A1 TENU;Lo;0;L;;;;;N;;;;;
 12986;PROTO-CUNEIFORM SIGN NUNUZ-A2;Lo;0;L;;;;;N;;;;;
 12987;PROTO-CUNEIFORM SIGN NUNUZ-B1;Lo;0;L;;;;;N;;;;;
 12988;PROTO-CUNEIFORM SIGN NUNUZ-B2;Lo;0;L;;;;;N;;;;;
 12989;PROTO-CUNEIFORM SIGN NUNUZ-C;Lo;0;L;;;;;N;;;;;
 1298A;PROTO-CUNEIFORM SIGN NUNUZ-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 1298B;PROTO-CUNEIFORM SIGN NUNUZ-C VARIANT 2;Lo;0;L;;;;;N;;;;;
 1298C;PROTO-CUNEIFORM SIGN NUNUZ-C VARIANT 3;Lo;0;L;;;;;N;;;;;
 1298D;PROTO-CUNEIFORM SIGN PA-A;Lo;0;L;;;;;N;;;;;
 1298E;PROTO-CUNEIFORM SIGN PA-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 1298F;PROTO-CUNEIFORM SIGN PA-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12990;PROTO-CUNEIFORM SIGN PA-B;Lo;0;L;;;;;N;;;;;
 12991;PROTO-CUNEIFORM SIGN PA3;Lo;0;L;;;;;N;;;;;
 12992;PROTO-CUNEIFORM SIGN PAD-A;Lo;0;L;;;;;N;;;;;
 12993;PROTO-CUNEIFORM SIGN PAD-B;Lo;0;L;;;;;N;;;;;
 12994;PROTO-CUNEIFORM SIGN PAP-A;Lo;0;L;;;;;N;;;;;
 12995;PROTO-CUNEIFORM SIGN PAP-A TENU;Lo;0;L;;;;;N;;;;;
 12996;PROTO-CUNEIFORM SIGN PAP-B;Lo;0;L;;;;;N;;;;;
 12997;PROTO-CUNEIFORM SIGN PAP-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12998;PROTO-CUNEIFORM SIGN PIRIG-A1;Lo;0;L;;;;;N;;;;;
 12999;PROTO-CUNEIFORM SIGN PIRIG-A2;Lo;0;L;;;;;N;;;;;
 1299A;PROTO-CUNEIFORM SIGN PIRIG-A3;Lo;0;L;;;;;N;;;;;
 1299B;PROTO-CUNEIFORM SIGN PIRIG-B1;Lo;0;L;;;;;N;;;;;
 1299C;PROTO-CUNEIFORM SIGN PIRIG-B2;Lo;0;L;;;;;N;;;;;
 1299D;PROTO-CUNEIFORM SIGN PU2;Lo;0;L;;;;;N;;;;;
 1299E;PROTO-CUNEIFORM SIGN RA;Lo;0;L;;;;;N;;;;;
 1299F;PROTO-CUNEIFORM SIGN RAD-A;Lo;0;L;;;;;N;;;;;
 129A0;PROTO-CUNEIFORM SIGN RAD-A TENU;Lo;0;L;;;;;N;;;;;
 129A1;PROTO-CUNEIFORM SIGN RAD-A GUNU;Lo;0;L;;;;;N;;;;;

129A2;PROTO-CUNEIFORM SIGN RAD-B;Lo;0;L;;;;;N;;;;;
 129A3;PROTO-CUNEIFORM SIGN RI;Lo;0;L;;;;;N;;;;;
 129A4;PROTO-CUNEIFORM SIGN RI-X;Lo;0;L;;;;;N;;;;;
 129A5;PROTO-CUNEIFORM SIGN RI8-A;Lo;0;L;;;;;N;;;;;
 129A6;PROTO-CUNEIFORM SIGN RI8-B;Lo;0;L;;;;;N;;;;;
 129A7;PROTO-CUNEIFORM SIGN RU;Lo;0;L;;;;;N;;;;;
 129A8;PROTO-CUNEIFORM SIGN RU VARIANT 1;Lo;0;L;;;;;N;;;;;
 129A9;PROTO-CUNEIFORM SIGN RU TENU;Lo;0;L;;;;;N;;;;;
 129AA;PROTO-CUNEIFORM SIGN SA-A;Lo;0;L;;;;;N;;;;;
 129AB;PROTO-CUNEIFORM SIGN SA-C;Lo;0;L;;;;;N;;;;;
 129AC;PROTO-CUNEIFORM SIGN SA-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 129AD;PROTO-CUNEIFORM SIGN SAG;Lo;0;L;;;;;N;;;;;
 129AE;PROTO-CUNEIFORM SIGN SAG VARIANT 1;Lo;0;L;;;;;N;;;;;
 129AF;PROTO-CUNEIFORM SIGN SAG VARIANT 2;Lo;0;L;;;;;N;;;;;
 129B0;PROTO-CUNEIFORM SIGN SAG GUNU;Lo;0;L;;;;;N;;;;;
 129B1;PROTO-CUNEIFORM SIGN SAG NUTILLU;Lo;0;L;;;;;N;;;;;
 129B2;PROTO-CUNEIFORM SIGN SAGSHU;Lo;0;L;;;;;N;;;;;
 129B3;PROTO-CUNEIFORM SIGN SAL;Lo;0;L;;;;;N;;;;;
 129B4;PROTO-CUNEIFORM SIGN SANGA-A;Lo;0;L;;;;;N;;;;;
 129B5;PROTO-CUNEIFORM SIGN SANGA-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 129B6;PROTO-CUNEIFORM SIGN SANGA-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 129B7;PROTO-CUNEIFORM SIGN SANGA-B;Lo;0;L;;;;;N;;;;;
 129B8;PROTO-CUNEIFORM SIGN SANGA-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 129B9;PROTO-CUNEIFORM SIGN SANGA-C;Lo;0;L;;;;;N;;;;;
 129BA;PROTO-CUNEIFORM SIGN SAR-A;Lo;0;L;;;;;N;;;;;
 129BB;PROTO-CUNEIFORM SIGN SAR-B;Lo;0;L;;;;;N;;;;;
 129BC;PROTO-CUNEIFORM SIGN SAR-C;Lo;0;L;;;;;N;;;;;
 129BD;PROTO-CUNEIFORM SIGN SHA;Lo;0;L;;;;;N;;;;;
 129BE;PROTO-CUNEIFORM SIGN SHA VARIANT 1;Lo;0;L;;;;;N;;;;;
 129BF;PROTO-CUNEIFORM SIGN SHA VARIANT 2;Lo;0;L;;;;;N;;;;;
 129C0;PROTO-CUNEIFORM SIGN SHA GUNU;Lo;0;L;;;;;N;;;;;
 129C1;PROTO-CUNEIFORM SIGN SHA3-A1;Lo;0;L;;;;;N;;;;;
 129C2;PROTO-CUNEIFORM SIGN SHA3-A2;Lo;0;L;;;;;N;;;;;
 129C3;PROTO-CUNEIFORM SIGN SHA3-B;Lo;0;L;;;;;N;;;;;
 129C4;PROTO-CUNEIFORM SIGN SHA3-C;Lo;0;L;;;;;N;;;;;
 129C5;PROTO-CUNEIFORM SIGN SHA3-D;Lo;0;L;;;;;N;;;;;
 129C6;PROTO-CUNEIFORM SIGN SHAB-A;Lo;0;L;;;;;N;;;;;
 129C7;PROTO-CUNEIFORM SIGN SHAB-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 129C8;PROTO-CUNEIFORM SIGN SHAB-B;Lo;0;L;;;;;N;;;;;
 129C9;PROTO-CUNEIFORM SIGN SHAB-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 129CA;PROTO-CUNEIFORM SIGN SHAGAN;Lo;0;L;;;;;N;;;;;
 129CB;PROTO-CUNEIFORM SIGN SHAGAN VARIANT 1;Lo;0;L;;;;;N;;;;;
 129CC;PROTO-CUNEIFORM SIGN SHAGINA;Lo;0;L;;;;;N;;;;;
 129CD;PROTO-CUNEIFORM SIGN SHAH2-A;Lo;0;L;;;;;N;;;;;
 129CE;PROTO-CUNEIFORM SIGN SHAH2-B;Lo;0;L;;;;;N;;;;;
 129CF;PROTO-CUNEIFORM SIGN SHAH2-C;Lo;0;L;;;;;N;;;;;
 129D0;PROTO-CUNEIFORM SIGN SHAKIR-A;Lo;0;L;;;;;N;;;;;
 129D1;PROTO-CUNEIFORM SIGN SHAKIR-B;Lo;0;L;;;;;N;;;;;
 129D2;PROTO-CUNEIFORM SIGN SHAKIR-C;Lo;0;L;;;;;N;;;;;
 129D3;PROTO-CUNEIFORM SIGN SHAM2;Lo;0;L;;;;;N;;;;;

129D4;PROTO-CUNEIFORM SIGN SHANDANA-A;Lo;0;L;;;;;N;;;;;
 129D5;PROTO-CUNEIFORM SIGN SHANDANA-B;Lo;0;L;;;;;N;;;;;
 129D6;PROTO-CUNEIFORM SIGN SHE-A;Lo;0;L;;;;;N;;;;;
 129D7;PROTO-CUNEIFORM SIGN SHE-A TENU;Lo;0;L;;;;;N;;;;;
 129D8;PROTO-CUNEIFORM SIGN SHE-B;Lo;0;L;;;;;N;;;;;
 129D9;PROTO-CUNEIFORM SIGN SHE-C;Lo;0;L;;;;;N;;;;;
 129DA;PROTO-CUNEIFORM SIGN SHE3;Lo;0;L;;;;;N;;;;;
 129DB;PROTO-CUNEIFORM SIGN SHE3 VARIANT 1;Lo;0;L;;;;;N;;;;;
 129DC;PROTO-CUNEIFORM SIGN SHE3 TENU;Lo;0;L;;;;;N;;;;;
 129DD;PROTO-CUNEIFORM SIGN SHE3 TENU VARIANT 1;Lo;0;L;;;;;N;;;;;
 129DE;PROTO-CUNEIFORM SIGN SHEG9;Lo;0;L;;;;;N;;;;;
 129DF;PROTO-CUNEIFORM SIGN SHELU;Lo;0;L;;;;;N;;;;;
 129E0;PROTO-CUNEIFORM SIGN SHEN-A;Lo;0;L;;;;;N;;;;;
 129E1;PROTO-CUNEIFORM SIGN SHEN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 129E2;PROTO-CUNEIFORM SIGN SHEN-B;Lo;0;L;;;;;N;;;;;
 129E3;PROTO-CUNEIFORM SIGN SHEN-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 129E4;PROTO-CUNEIFORM SIGN SHEN-C;Lo;0;L;;;;;N;;;;;
 129E5;PROTO-CUNEIFORM SIGN SHEN-C TENU;Lo;0;L;;;;;N;;;;;
 129E6;PROTO-CUNEIFORM SIGN SHEN-D;Lo;0;L;;;;;N;;;;;
 129E7;PROTO-CUNEIFORM SIGN SHEN-D VARIANT 1;Lo;0;L;;;;;N;;;;;
 129E8;PROTO-CUNEIFORM SIGN SHEN-D VARIANT 2;Lo;0;L;;;;;N;;;;;
 129E9;PROTO-CUNEIFORM SIGN SHEN-E;Lo;0;L;;;;;N;;;;;
 129EA;PROTO-CUNEIFORM SIGN SHENNUR-A;Lo;0;L;;;;;N;;;;;
 129EB;PROTO-CUNEIFORM SIGN SHENNUR-B;Lo;0;L;;;;;N;;;;;
 129EC;PROTO-CUNEIFORM SIGN SHESH-A;Lo;0;L;;;;;N;;;;;
 129ED;PROTO-CUNEIFORM SIGN SHESH-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 129EE;PROTO-CUNEIFORM SIGN SHESH-B;Lo;0;L;;;;;N;;;;;
 129EF;PROTO-CUNEIFORM SIGN SHIDIM;Lo;0;L;;;;;N;;;;;
 129F0;PROTO-CUNEIFORM SIGN SHIDIM TENU;Lo;0;L;;;;;N;;;;;
 129F1;PROTO-CUNEIFORM SIGN SHIM-A;Lo;0;L;;;;;N;;;;;
 129F2;PROTO-CUNEIFORM SIGN SHIM-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 129F3;PROTO-CUNEIFORM SIGN SHIM-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 129F4;PROTO-CUNEIFORM SIGN SHIM-B;Lo;0;L;;;;;N;;;;;
 129F5;PROTO-CUNEIFORM SIGN SHIR-A;Lo;0;L;;;;;N;;;;;
 129F6;PROTO-CUNEIFORM SIGN SHIR-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 129F7;PROTO-CUNEIFORM SIGN SHIR-B;Lo;0;L;;;;;N;;;;;
 129F8;PROTO-CUNEIFORM SIGN SHIR-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 129F9;PROTO-CUNEIFORM SIGN SHIR-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 129FA;PROTO-CUNEIFORM SIGN SHITA-A1;Lo;0;L;;;;;N;;;;;
 129FB;PROTO-CUNEIFORM SIGN SHITA-A2;Lo;0;L;;;;;N;;;;;
 129FC;PROTO-CUNEIFORM SIGN SHITA-A3;Lo;0;L;;;;;N;;;;;
 129FD;PROTO-CUNEIFORM SIGN SHITA-B1;Lo;0;L;;;;;N;;;;;
 129FE;PROTO-CUNEIFORM SIGN SHITA-B2;Lo;0;L;;;;;N;;;;;
 129FF;PROTO-CUNEIFORM SIGN SHITA-B3;Lo;0;L;;;;;N;;;;;
 12A00;PROTO-CUNEIFORM SIGN SHITA-C;Lo;0;L;;;;;N;;;;;
 12A01;PROTO-CUNEIFORM SIGN SHITA GUNU-A;Lo;0;L;;;;;N;;;;;
 12A02;PROTO-CUNEIFORM SIGN SHITA GUNU-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A03;PROTO-CUNEIFORM SIGN SHITA GUNU-B;Lo;0;L;;;;;N;;;;;
 12A04;PROTO-CUNEIFORM SIGN SHU;Lo;0;L;;;;;N;;;;;
 12A05;PROTO-CUNEIFORM SIGN SHU GUNU;Lo;0;L;;;;;N;;;;;

12A06;PROTO-CUNEIFORM SIGN SHU SHESSHIG;Lo;0;L;;;;;N;;;;;
 12A07;PROTO-CUNEIFORM SIGN SHU2;Lo;0;L;;;;;N;;;;;
 12A08;PROTO-CUNEIFORM SIGN SHU2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A09;PROTO-CUNEIFORM SIGN SHU12;Lo;0;L;;;;;N;;;;;
 12A0A;PROTO-CUNEIFORM SIGN SHUBUR;Lo;0;L;;;;;N;;;;;
 12A0B;PROTO-CUNEIFORM SIGN SHUM;Lo;0;L;;;;;N;;;;;
 12A0C;PROTO-CUNEIFORM SIGN SHUR2-A;Lo;0;L;;;;;N;;;;;
 12A0D;PROTO-CUNEIFORM SIGN SHUR2-B;Lo;0;L;;;;;N;;;;;
 12A0E;PROTO-CUNEIFORM SIGN SHURUPPAK-A;Lo;0;L;;;;;N;;;;;
 12A0F;PROTO-CUNEIFORM SIGN SHURUPPAK-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A10;PROTO-CUNEIFORM SIGN SHURUPPAK-B;Lo;0;L;;;;;N;;;;;
 12A11;PROTO-CUNEIFORM SIGN SHURUPPAK-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A12;PROTO-CUNEIFORM SIGN SHURUPPAK-C;Lo;0;L;;;;;N;;;;;
 12A13;PROTO-CUNEIFORM SIGN SI;Lo;0;L;;;;;N;;;;;
 12A14;PROTO-CUNEIFORM SIGN SI VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A15;PROTO-CUNEIFORM SIGN SI4-A;Lo;0;L;;;;;N;;;;;
 12A16;PROTO-CUNEIFORM SIGN SI4-B;Lo;0;L;;;;;N;;;;;
 12A17;PROTO-CUNEIFORM SIGN SI4-C;Lo;0;L;;;;;N;;;;;
 12A18;PROTO-CUNEIFORM SIGN SI4-D;Lo;0;L;;;;;N;;;;;
 12A19;PROTO-CUNEIFORM SIGN SI4-D VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A1A;PROTO-CUNEIFORM SIGN SI4-F;Lo;0;L;;;;;N;;;;;
 12A1B;PROTO-CUNEIFORM SIGN SI4-F VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A1C;PROTO-CUNEIFORM SIGN SIG;Lo;0;L;;;;;N;;;;;
 12A1D;PROTO-CUNEIFORM SIGN SIG GUNU;Lo;0;L;;;;;N;;;;;
 12A1E;PROTO-CUNEIFORM SIGN SIG2-A1;Lo;0;L;;;;;N;;;;;
 12A1F;PROTO-CUNEIFORM SIGN SIG2-A2;Lo;0;L;;;;;N;;;;;
 12A20;PROTO-CUNEIFORM SIGN SIG2-A3;Lo;0;L;;;;;N;;;;;
 12A21;PROTO-CUNEIFORM SIGN SIG2-A3 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A22;PROTO-CUNEIFORM SIGN SIG2-A3 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12A23;PROTO-CUNEIFORM SIGN SIG2-A4;Lo;0;L;;;;;N;;;;;
 12A24;PROTO-CUNEIFORM SIGN SIG2-B;Lo;0;L;;;;;N;;;;;
 12A25;PROTO-CUNEIFORM SIGN SIG2-C1;Lo;0;L;;;;;N;;;;;
 12A26;PROTO-CUNEIFORM SIGN SIG2-C2;Lo;0;L;;;;;N;;;;;
 12A27;PROTO-CUNEIFORM SIGN SIG2-D1;Lo;0;L;;;;;N;;;;;
 12A28;PROTO-CUNEIFORM SIGN SIG2-D2;Lo;0;L;;;;;N;;;;;
 12A29;PROTO-CUNEIFORM SIGN SIG2-D2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A2A;PROTO-CUNEIFORM SIGN SIG2-D3;Lo;0;L;;;;;N;;;;;
 12A2B;PROTO-CUNEIFORM SIGN SIG2-D4;Lo;0;L;;;;;N;;;;;
 12A2C;PROTO-CUNEIFORM SIGN SIG2-E;Lo;0;L;;;;;N;;;;;
 12A2D;PROTO-CUNEIFORM SIGN SIG4;Lo;0;L;;;;;N;;;;;
 12A2E;PROTO-CUNEIFORM SIGN SIG7;Lo;0;L;;;;;N;;;;;
 12A2F;PROTO-CUNEIFORM SIGN SIG7 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A30;PROTO-CUNEIFORM SIGN SIKIL;Lo;0;L;;;;;N;;;;;
 12A31;PROTO-CUNEIFORM SIGN SILA3-A;Lo;0;L;;;;;N;;;;;
 12A32;PROTO-CUNEIFORM SIGN SILA3-B;Lo;0;L;;;;;N;;;;;
 12A33;PROTO-CUNEIFORM SIGN SILA3-C;Lo;0;L;;;;;N;;;;;
 12A34;PROTO-CUNEIFORM SIGN SILA4-A;Lo;0;L;;;;;N;;;;;
 12A35;PROTO-CUNEIFORM SIGN SILA4-B;Lo;0;L;;;;;N;;;;;
 12A36;PROTO-CUNEIFORM SIGN SILA4-C;Lo;0;L;;;;;N;;;;;
 12A37;PROTO-CUNEIFORM SIGN SILA4-D;Lo;0;L;;;;;N;;;;;

12A38;PROTO-CUNEIFORM SIGN SILANITA;Lo;0;L;;;;;N;;;;;
 12A39;PROTO-CUNEIFORM SIGN SIMUG;Lo;0;L;;;;;N;;;;;
 12A3A;PROTO-CUNEIFORM SIGN SIMUG VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A3B;PROTO-CUNEIFORM SIGN SIPA;Lo;0;L;;;;;N;;;;;
 12A3C;PROTO-CUNEIFORM SIGN SU-A;Lo;0;L;;;;;N;;;;;
 12A3D;PROTO-CUNEIFORM SIGN SU-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A3E;PROTO-CUNEIFORM SIGN SU-B;Lo;0;L;;;;;N;;;;;
 12A3F;PROTO-CUNEIFORM SIGN SU3;Lo;0;L;;;;;N;;;;;
 12A40;PROTO-CUNEIFORM SIGN SUG;Lo;0;L;;;;;N;;;;;
 12A41;PROTO-CUNEIFORM SIGN SUG5;Lo;0;L;;;;;N;;;;;
 12A42;PROTO-CUNEIFORM SIGN SUH3;Lo;0;L;;;;;N;;;;;
 12A43;PROTO-CUNEIFORM SIGN SUHUR;Lo;0;L;;;;;N;;;;;
 12A44;PROTO-CUNEIFORM SIGN SUHUR GUNU;Lo;0;L;;;;;N;;;;;
 12A45;PROTO-CUNEIFORM SIGN SUHUR NUTILLU;Lo;0;L;;;;;N;;;;;
 12A46;PROTO-CUNEIFORM SIGN SUKKAL;Lo;0;L;;;;;N;;;;;
 12A47;PROTO-CUNEIFORM SIGN SUKUD;Lo;0;L;;;;;N;;;;;
 12A48;PROTO-CUNEIFORM SIGN SUKUD GUNU-A;Lo;0;L;;;;;N;;;;;
 12A49;PROTO-CUNEIFORM SIGN SUKUD GUNU-B;Lo;0;L;;;;;N;;;;;
 12A4A;PROTO-CUNEIFORM SIGN SUKUD GUNU-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A4B;PROTO-CUNEIFORM SIGN SUKUD GUNU-C;Lo;0;L;;;;;N;;;;;
 12A4C;PROTO-CUNEIFORM SIGN SUKUD GUNU-D;Lo;0;L;;;;;N;;;;;
 12A4D;PROTO-CUNEIFORM SIGN SUM-A;Lo;0;L;;;;;N;;;;;
 12A4E;PROTO-CUNEIFORM SIGN SUM-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A4F;PROTO-CUNEIFORM SIGN SUM-A TENU;Lo;0;L;;;;;N;;;;;
 12A50;PROTO-CUNEIFORM SIGN SUM-B;Lo;0;L;;;;;N;;;;;
 12A51;PROTO-CUNEIFORM SIGN SUMASH;Lo;0;L;;;;;N;;;;;
 12A52;PROTO-CUNEIFORM SIGN SUR;Lo;0;L;;;;;N;;;;;
 12A53;PROTO-CUNEIFORM SIGN SUS A;Lo;0;L;;;;;N;;;;;
 12A54;PROTO-CUNEIFORM SIGN TA-A;Lo;0;L;;;;;N;;;;;
 12A55;PROTO-CUNEIFORM SIGN TA-B;Lo;0;L;;;;;N;;;;;
 12A56;PROTO-CUNEIFORM SIGN TA-C;Lo;0;L;;;;;N;;;;;
 12A57;PROTO-CUNEIFORM SIGN TA-D;Lo;0;L;;;;;N;;;;;
 12A58;PROTO-CUNEIFORM SIGN TA-E;Lo;0;L;;;;;N;;;;;
 12A59;PROTO-CUNEIFORM SIGN TA-F;Lo;0;L;;;;;N;;;;;
 12A5A;PROTO-CUNEIFORM SIGN TAG-A1;Lo;0;L;;;;;N;;;;;
 12A5B;PROTO-CUNEIFORM SIGN TAG-A1 TENU;Lo;0;L;;;;;N;;;;;
 12A5C;PROTO-CUNEIFORM SIGN TAG-A2;Lo;0;L;;;;;N;;;;;
 12A5D;PROTO-CUNEIFORM SIGN TAG-A3;Lo;0;L;;;;;N;;;;;
 12A5E;PROTO-CUNEIFORM SIGN TAG-A4;Lo;0;L;;;;;N;;;;;
 12A5F;PROTO-CUNEIFORM SIGN TAG-B;Lo;0;L;;;;;N;;;;;
 12A60;PROTO-CUNEIFORM SIGN TAG-C;Lo;0;L;;;;;N;;;;;
 12A61;PROTO-CUNEIFORM SIGN TAG-D;Lo;0;L;;;;;N;;;;;
 12A62;PROTO-CUNEIFORM SIGN TAK4-A;Lo;0;L;;;;;N;;;;;
 12A63;PROTO-CUNEIFORM SIGN TAK4-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A64;PROTO-CUNEIFORM SIGN TAK4-A NUTILLU;Lo;0;L;;;;;N;;;;;
 12A65;PROTO-CUNEIFORM SIGN TAK4-C;Lo;0;L;;;;;N;;;;;
 12A66;PROTO-CUNEIFORM SIGN TAR-A;Lo;0;L;;;;;N;;;;;
 12A67;PROTO-CUNEIFORM SIGN TAR-D;Lo;0;L;;;;;N;;;;;
 12A68;PROTO-CUNEIFORM SIGN TE;Lo;0;L;;;;;N;;;;;
 12A69;PROTO-CUNEIFORM SIGN TI;Lo;0;L;;;;;N;;;;;

12A6A;PROTO-CUNEIFORM SIGN TI VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A6B;PROTO-CUNEIFORM SIGN TI TENU;Lo;0;L;;;;;N;;;;;
 12A6C;PROTO-CUNEIFORM SIGN TI GUNU;Lo;0;L;;;;;N;;;;;
 12A6D;PROTO-CUNEIFORM SIGN TI REVERSED;Lo;0;L;;;;;N;;;;;
 12A6E;PROTO-CUNEIFORM SIGN TIDNUM;Lo;0;L;;;;;N;;;;;
 12A6F;PROTO-CUNEIFORM SIGN TILLA2;Lo;0;L;;;;;N;;;;;
 12A70;PROTO-CUNEIFORM SIGN TU-A;Lo;0;L;;;;;N;;;;;
 12A71;PROTO-CUNEIFORM SIGN TU-B;Lo;0;L;;;;;N;;;;;
 12A72;PROTO-CUNEIFORM SIGN TU-C;Lo;0;L;;;;;N;;;;;
 12A73;PROTO-CUNEIFORM SIGN TUG2-A;Lo;0;L;;;;;N;;;;;
 12A74;PROTO-CUNEIFORM SIGN TUG2-A GUNU;Lo;0;L;;;;;N;;;;;
 12A75;PROTO-CUNEIFORM SIGN TUG2-A GUNU VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A76;PROTO-CUNEIFORM SIGN TUG2-B;Lo;0;L;;;;;N;;;;;
 12A77;PROTO-CUNEIFORM SIGN TUG2-C;Lo;0;L;;;;;N;;;;;
 12A78;PROTO-CUNEIFORM SIGN TUG2-D;Lo;0;L;;;;;N;;;;;
 12A79;PROTO-CUNEIFORM SIGN TUM-A;Lo;0;L;;;;;N;;;;;
 12A7A;PROTO-CUNEIFORM SIGN TUM-A GUNU;Lo;0;L;;;;;N;;;;;
 12A7B;PROTO-CUNEIFORM SIGN TUM-B;Lo;0;L;;;;;N;;;;;
 12A7C;PROTO-CUNEIFORM SIGN TUM-C;Lo;0;L;;;;;N;;;;;
 12A7D;PROTO-CUNEIFORM SIGN TUM-D;Lo;0;L;;;;;N;;;;;
 12A7E;PROTO-CUNEIFORM SIGN TUN3-A;Lo;0;L;;;;;N;;;;;
 12A7F;PROTO-CUNEIFORM SIGN TUN3-B;Lo;0;L;;;;;N;;;;;
 12A80;PROTO-CUNEIFORM SIGN TUN3-C;Lo;0;L;;;;;N;;;;;
 12A81;PROTO-CUNEIFORM SIGN TUR;Lo;0;L;;;;;N;;;;;
 12A82;PROTO-CUNEIFORM SIGN TUR VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A83;PROTO-CUNEIFORM SIGN TUR VARIANT 2;Lo;0;L;;;;;N;;;;;
 12A84;PROTO-CUNEIFORM SIGN TUR VARIANT 3;Lo;0;L;;;;;N;;;;;
 12A85;PROTO-CUNEIFORM SIGN TUR GUNU;Lo;0;L;;;;;N;;;;;
 12A86;PROTO-CUNEIFORM SIGN TUR3-A;Lo;0;L;;;;;N;;;;;
 12A87;PROTO-CUNEIFORM SIGN TUR3-A NUTILLU;Lo;0;L;;;;;N;;;;;
 12A88;PROTO-CUNEIFORM SIGN TUR3-B;Lo;0;L;;;;;N;;;;;
 12A89;PROTO-CUNEIFORM SIGN TUR3-C;Lo;0;L;;;;;N;;;;;
 12A8A;PROTO-CUNEIFORM SIGN U2-A;Lo;0;L;;;;;N;;;;;
 12A8B;PROTO-CUNEIFORM SIGN U2-B;Lo;0;L;;;;;N;;;;;
 12A8C;PROTO-CUNEIFORM SIGN U2-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A8D;PROTO-CUNEIFORM SIGN U2-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 12A8E;PROTO-CUNEIFORM SIGN U2-C;Lo;0;L;;;;;N;;;;;
 12A8F;PROTO-CUNEIFORM SIGN U4;Lo;0;L;;;;;N;;;;;
 12A90;PROTO-CUNEIFORM SIGN U4 TENU;Lo;0;L;;;;;N;;;;;
 12A91;PROTO-CUNEIFORM SIGN U8;Lo;0;L;;;;;N;;;;;
 12A92;PROTO-CUNEIFORM SIGN U8 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A93;PROTO-CUNEIFORM SIGN U8 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12A94;PROTO-CUNEIFORM SIGN U8 VARIANT 3;Lo;0;L;;;;;N;;;;;
 12A95;PROTO-CUNEIFORM SIGN UB;Lo;0;L;;;;;N;;;;;
 12A96;PROTO-CUNEIFORM SIGN UBI-A;Lo;0;L;;;;;N;;;;;
 12A97;PROTO-CUNEIFORM SIGN UBI-C;Lo;0;L;;;;;N;;;;;
 12A98;PROTO-CUNEIFORM SIGN UBI-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A99;PROTO-CUNEIFORM SIGN UD5-A;Lo;0;L;;;;;N;;;;;
 12A9A;PROTO-CUNEIFORM SIGN UD5-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12A9B;PROTO-CUNEIFORM SIGN UD5-A VARIANT 2;Lo;0;L;;;;;N;;;;;

12A9C;PROTO-CUNEIFORM SIGN UD5-A GUNU;Lo;0;L;;;;;N;;;;;
 12A9D;PROTO-CUNEIFORM SIGN UD5-B;Lo;0;L;;;;;N;;;;;
 12A9E;PROTO-CUNEIFORM SIGN UD5-C;Lo;0;L;;;;;N;;;;;
 12A9F;PROTO-CUNEIFORM SIGN UDU-A;Lo;0;L;;;;;N;;;;;
 12AA0;PROTO-CUNEIFORM SIGN UDU-B;Lo;0;L;;;;;N;;;;;
 12AA1;PROTO-CUNEIFORM SIGN UDU-C;Lo;0;L;;;;;N;;;;;
 12AA2;PROTO-CUNEIFORM SIGN UDUNITA-A;Lo;0;L;;;;;N;;;;;
 12AA3;PROTO-CUNEIFORM SIGN UDUNITA-B;Lo;0;L;;;;;N;;;;;
 12AA4;PROTO-CUNEIFORM SIGN UDUNITA-C;Lo;0;L;;;;;N;;;;;
 12AA5;PROTO-CUNEIFORM SIGN UET2_405;Lo;0;L;;;;;N;;;;;
 12AA6;PROTO-CUNEIFORM SIGN UH;Lo;0;L;;;;;N;;;;;
 12AA7;PROTO-CUNEIFORM SIGN UH3-A;Lo;0;L;;;;;N;;;;;
 12AA8;PROTO-CUNEIFORM SIGN UH3-A TENU;Lo;0;L;;;;;N;;;;;
 12AA9;PROTO-CUNEIFORM SIGN UH3-B;Lo;0;L;;;;;N;;;;;
 12AAA;PROTO-CUNEIFORM SIGN UKKIN-A;Lo;0;L;;;;;N;;;;;
 12AAB;PROTO-CUNEIFORM SIGN UKKIN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AAC;PROTO-CUNEIFORM SIGN UKKIN-B;Lo;0;L;;;;;N;;;;;
 12AAD;PROTO-CUNEIFORM SIGN UKKIN-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AAE;PROTO-CUNEIFORM SIGN UKKIN-C;Lo;0;L;;;;;N;;;;;
 12AAF;PROTO-CUNEIFORM SIGN UMBIN-A;Lo;0;L;;;;;N;;;;;
 12AB0;PROTO-CUNEIFORM SIGN UMBIN-B1;Lo;0;L;;;;;N;;;;;
 12AB1;PROTO-CUNEIFORM SIGN UMBIN-B2;Lo;0;L;;;;;N;;;;;
 12AB2;PROTO-CUNEIFORM SIGN UMBIN-C;Lo;0;L;;;;;N;;;;;
 12AB3;PROTO-CUNEIFORM SIGN UMUN2;Lo;0;L;;;;;N;;;;;
 12AB4;PROTO-CUNEIFORM SIGN UMUN2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AB5;PROTO-CUNEIFORM SIGN UNUG-A;Lo;0;L;;;;;N;;;;;
 12AB6;PROTO-CUNEIFORM SIGN UNUG-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AB7;PROTO-CUNEIFORM SIGN UNUG-A SHESSHIG;Lo;0;L;;;;;N;;;;;
 12AB8;PROTO-CUNEIFORM SIGN UNUG-B;Lo;0;L;;;;;N;;;;;
 12AB9;PROTO-CUNEIFORM SIGN UNUG-C;Lo;0;L;;;;;N;;;;;
 12ABA;PROTO-CUNEIFORM SIGN UR-A;Lo;0;L;;;;;N;;;;;
 12ABB;PROTO-CUNEIFORM SIGN UR-A GUNU;Lo;0;L;;;;;N;;;;;
 12ABC;PROTO-CUNEIFORM SIGN UR-B;Lo;0;L;;;;;N;;;;;
 12ABD;PROTO-CUNEIFORM SIGN UR-C;Lo;0;L;;;;;N;;;;;
 12ABE;PROTO-CUNEIFORM SIGN UR2;Lo;0;L;;;;;N;;;;;
 12ABF;PROTO-CUNEIFORM SIGN UR3-A1;Lo;0;L;;;;;N;;;;;
 12AC0;PROTO-CUNEIFORM SIGN UR3-A1 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AC1;PROTO-CUNEIFORM SIGN UR3-A2;Lo;0;L;;;;;N;;;;;
 12AC2;PROTO-CUNEIFORM SIGN UR3-A3;Lo;0;L;;;;;N;;;;;
 12AC3;PROTO-CUNEIFORM SIGN UR3-B1;Lo;0;L;;;;;N;;;;;
 12AC4;PROTO-CUNEIFORM SIGN UR3-B2;Lo;0;L;;;;;N;;;;;
 12AC5;PROTO-CUNEIFORM SIGN UR4-A;Lo;0;L;;;;;N;;;;;
 12AC6;PROTO-CUNEIFORM SIGN UR4-B;Lo;0;L;;;;;N;;;;;
 12AC7;PROTO-CUNEIFORM SIGN UR4-C;Lo;0;L;;;;;N;;;;;
 12AC8;PROTO-CUNEIFORM SIGN UR5-A;Lo;0;L;;;;;N;;;;;
 12AC9;PROTO-CUNEIFORM SIGN UR5-B;Lo;0;L;;;;;N;;;;;
 12ACA;PROTO-CUNEIFORM SIGN URI;Lo;0;L;;;;;N;;;;;
 12ACB;PROTO-CUNEIFORM SIGN URI2;Lo;0;L;;;;;N;;;;;
 12ACC;PROTO-CUNEIFORM SIGN URI3-A;Lo;0;L;;;;;N;;;;;
 12ACD;PROTO-CUNEIFORM SIGN URI3-A VARIANT 1;Lo;0;L;;;;;N;;;;;

12ACE;PROTO-CUNEIFORM SIGN URI3-B;Lo;0;L;;;;;N;;;;;
 12ACF;PROTO-CUNEIFORM SIGN URI5;Lo;0;L;;;;;N;;;;;
 12AD0;PROTO-CUNEIFORM SIGN URU-A1;Lo;0;L;;;;;N;;;;;
 12AD1;PROTO-CUNEIFORM SIGN URU-A1 NUTILLU;Lo;0;L;;;;;N;;;;;
 12AD2;PROTO-CUNEIFORM SIGN URU-A2;Lo;0;L;;;;;N;;;;;
 12AD3;PROTO-CUNEIFORM SIGN URU-B1;Lo;0;L;;;;;N;;;;;
 12AD4;PROTO-CUNEIFORM SIGN URU-B2;Lo;0;L;;;;;N;;;;;
 12AD5;PROTO-CUNEIFORM SIGN URU-C;Lo;0;L;;;;;N;;;;;
 12AD6;PROTO-CUNEIFORM SIGN URUDU-A;Lo;0;L;;;;;N;;;;;
 12AD7;PROTO-CUNEIFORM SIGN URUDU-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AD8;PROTO-CUNEIFORM SIGN URUDU-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12AD9;PROTO-CUNEIFORM SIGN URUDU-C;Lo;0;L;;;;;N;;;;;
 12ADA;PROTO-CUNEIFORM SIGN URUDU-D;Lo;0;L;;;;;N;;;;;
 12ADB;PROTO-CUNEIFORM SIGN URUDU GUNU-A;Lo;0;L;;;;;N;;;;;
 12ADC;PROTO-CUNEIFORM SIGN URUDU GUNU-B;Lo;0;L;;;;;N;;;;;
 12ADD;PROTO-CUNEIFORM SIGN URUDU GUNU-C;Lo;0;L;;;;;N;;;;;
 12ADE;PROTO-CUNEIFORM SIGN URUDU GUNU-D;Lo;0;L;;;;;N;;;;;
 12ADF;PROTO-CUNEIFORM SIGN USH-A;Lo;0;L;;;;;N;;;;;
 12AE0;PROTO-CUNEIFORM SIGN USH-B;Lo;0;L;;;;;N;;;;;
 12AE1;PROTO-CUNEIFORM SIGN USH-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AE2;PROTO-CUNEIFORM SIGN USHUMGAL;Lo;0;L;;;;;N;;;;;
 12AE3;PROTO-CUNEIFORM SIGN USHUR3-A;Lo;0;L;;;;;N;;;;;
 12AE4;PROTO-CUNEIFORM SIGN USHUR3-B1;Lo;0;L;;;;;N;;;;;
 12AE5;PROTO-CUNEIFORM SIGN USHUR3-B2;Lo;0;L;;;;;N;;;;;
 12AE6;PROTO-CUNEIFORM SIGN UTUA-A;Lo;0;L;;;;;N;;;;;
 12AE7;PROTO-CUNEIFORM SIGN UTUA-A TENU;Lo;0;L;;;;;N;;;;;
 12AE8;PROTO-CUNEIFORM SIGN UTUA-B;Lo;0;L;;;;;N;;;;;
 12AE9;PROTO-CUNEIFORM SIGN UTUA-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AEA;PROTO-CUNEIFORM SIGN UTUL-A;Lo;0;L;;;;;N;;;;;
 12AEB;PROTO-CUNEIFORM SIGN UTUL-B;Lo;0;L;;;;;N;;;;;
 12AEC;PROTO-CUNEIFORM SIGN UTUL-C;Lo;0;L;;;;;N;;;;;
 12AED;PROTO-CUNEIFORM SIGN UTUL-D;Lo;0;L;;;;;N;;;;;
 12AEE;PROTO-CUNEIFORM SIGN UZU;Lo;0;L;;;;;N;;;;;
 12AEF;PROTO-CUNEIFORM SIGN ZA-X;Lo;0;L;;;;;N;;;;;
 12AF0;PROTO-CUNEIFORM SIGN ZABALAM-A;Lo;0;L;;;;;N;;;;;
 12AF1;PROTO-CUNEIFORM SIGN ZABALAM-B;Lo;0;L;;;;;N;;;;;
 12AF2;PROTO-CUNEIFORM SIGN ZADIM;Lo;0;L;;;;;N;;;;;
 12AF3;PROTO-CUNEIFORM SIGN ZAG-A;Lo;0;L;;;;;N;;;;;
 12AF4;PROTO-CUNEIFORM SIGN ZAG-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12AF5;PROTO-CUNEIFORM SIGN ZAG-B;Lo;0;L;;;;;N;;;;;
 12AF6;PROTO-CUNEIFORM SIGN ZAG-C;Lo;0;L;;;;;N;;;;;
 12AF7;PROTO-CUNEIFORM SIGN ZAR-A;Lo;0;L;;;;;N;;;;;
 12AF8;PROTO-CUNEIFORM SIGN ZAR-B1;Lo;0;L;;;;;N;;;;;
 12AF9;PROTO-CUNEIFORM SIGN ZAR-B2;Lo;0;L;;;;;N;;;;;
 12AFA;PROTO-CUNEIFORM SIGN ZAR-C;Lo;0;L;;;;;N;;;;;
 12AFB;PROTO-CUNEIFORM SIGN ZATU620;Lo;0;L;;;;;N;;;;;
 12AFC;PROTO-CUNEIFORM SIGN ZATU621-A;Lo;0;L;;;;;N;;;;;
 12AFD;PROTO-CUNEIFORM SIGN ZATU621-B;Lo;0;L;;;;;N;;;;;
 12AFE;PROTO-CUNEIFORM SIGN ZATU621-C;Lo;0;L;;;;;N;;;;;
 12AFF;PROTO-CUNEIFORM SIGN ZATU621-D;Lo;0;L;;;;;N;;;;;

12B00;PROTO-CUNEIFORM SIGN ZATU622;Lo;0;L;;;;;N;;;;;
 12B01;PROTO-CUNEIFORM SIGN ZATU623;Lo;0;L;;;;;N;;;;;
 12B02;PROTO-CUNEIFORM SIGN ZATU623 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B03;PROTO-CUNEIFORM SIGN ZATU623 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12B04;PROTO-CUNEIFORM SIGN ZATU624-A;Lo;0;L;;;;;N;;;;;
 12B05;PROTO-CUNEIFORM SIGN ZATU624-B;Lo;0;L;;;;;N;;;;;
 12B06;PROTO-CUNEIFORM SIGN ZATU624-C;Lo;0;L;;;;;N;;;;;
 12B07;PROTO-CUNEIFORM SIGN ZATU625;Lo;0;L;;;;;N;;;;;
 12B08;PROTO-CUNEIFORM SIGN ZATU625 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B09;PROTO-CUNEIFORM SIGN ZATU626-A;Lo;0;L;;;;;N;;;;;
 12B0A;PROTO-CUNEIFORM SIGN ZATU626-B;Lo;0;L;;;;;N;;;;;
 12B0B;PROTO-CUNEIFORM SIGN ZATU626-C;Lo;0;L;;;;;N;;;;;
 12B0C;PROTO-CUNEIFORM SIGN ZATU627;Lo;0;L;;;;;N;;;;;
 12B0D;PROTO-CUNEIFORM SIGN ZATU628-A;Lo;0;L;;;;;N;;;;;
 12B0E;PROTO-CUNEIFORM SIGN ZATU628-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B0F;PROTO-CUNEIFORM SIGN ZATU628-B;Lo;0;L;;;;;N;;;;;
 12B10;PROTO-CUNEIFORM SIGN ZATU629;Lo;0;L;;;;;N;;;;;
 12B11;PROTO-CUNEIFORM SIGN ZATU629 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B12;PROTO-CUNEIFORM SIGN ZATU630;Lo;0;L;;;;;N;;;;;
 12B13;PROTO-CUNEIFORM SIGN ZATU631;Lo;0;L;;;;;N;;;;;
 12B14;PROTO-CUNEIFORM SIGN ZATU632-A;Lo;0;L;;;;;N;;;;;
 12B15;PROTO-CUNEIFORM SIGN ZATU632-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B16;PROTO-CUNEIFORM SIGN ZATU632-B;Lo;0;L;;;;;N;;;;;
 12B17;PROTO-CUNEIFORM SIGN ZATU632-C;Lo;0;L;;;;;N;;;;;
 12B18;PROTO-CUNEIFORM SIGN ZATU633-A;Lo;0;L;;;;;N;;;;;
 12B19;PROTO-CUNEIFORM SIGN ZATU633-B;Lo;0;L;;;;;N;;;;;
 12B1A;PROTO-CUNEIFORM SIGN ZATU634;Lo;0;L;;;;;N;;;;;
 12B1B;PROTO-CUNEIFORM SIGN ZATU635;Lo;0;L;;;;;N;;;;;
 12B1C;PROTO-CUNEIFORM SIGN ZATU636;Lo;0;L;;;;;N;;;;;
 12B1D;PROTO-CUNEIFORM SIGN ZATU636 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B1E;PROTO-CUNEIFORM SIGN ZATU637;Lo;0;L;;;;;N;;;;;
 12B1F;PROTO-CUNEIFORM SIGN ZATU639;Lo;0;L;;;;;N;;;;;
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 12B21;PROTO-CUNEIFORM SIGN ZATU641;Lo;0;L;;;;;N;;;;;
 12B22;PROTO-CUNEIFORM SIGN ZATU642;Lo;0;L;;;;;N;;;;;
 12B23;PROTO-CUNEIFORM SIGN ZATU643;Lo;0;L;;;;;N;;;;;
 12B24;PROTO-CUNEIFORM SIGN ZATU644-A;Lo;0;L;;;;;N;;;;;
 12B25;PROTO-CUNEIFORM SIGN ZATU644-B;Lo;0;L;;;;;N;;;;;
 12B26;PROTO-CUNEIFORM SIGN ZATU646;Lo;0;L;;;;;N;;;;;
 12B27;PROTO-CUNEIFORM SIGN ZATU647;Lo;0;L;;;;;N;;;;;
 12B28;PROTO-CUNEIFORM SIGN ZATU647 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B29;PROTO-CUNEIFORM SIGN ZATU648;Lo;0;L;;;;;N;;;;;
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 12B2B;PROTO-CUNEIFORM SIGN ZATU649 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B2C;PROTO-CUNEIFORM SIGN ZATU650;Lo;0;L;;;;;N;;;;;
 12B2D;PROTO-CUNEIFORM SIGN ZATU651;Lo;0;L;;;;;N;;;;;
 12B2E;PROTO-CUNEIFORM SIGN ZATU651 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B2F;PROTO-CUNEIFORM SIGN ZATU651 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12B30;PROTO-CUNEIFORM SIGN ZATU651 GUNU;Lo;0;L;;;;;N;;;;;
 12B31;PROTO-CUNEIFORM SIGN ZATU659;Lo;0;L;;;;;N;;;;;

12B32;PROTO-CUNEIFORM SIGN ZATU662;Lo;0;L;;;;;N;;;;;
 12B33;PROTO-CUNEIFORM SIGN ZATU662 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B34;PROTO-CUNEIFORM SIGN ZATU662 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12B35;PROTO-CUNEIFORM SIGN ZATU662 VARIANT 3;Lo;0;L;;;;;N;;;;;
 12B36;PROTO-CUNEIFORM SIGN ZATU664;Lo;0;L;;;;;N;;;;;
 12B37;PROTO-CUNEIFORM SIGN ZATU665;Lo;0;L;;;;;N;;;;;
 12B38;PROTO-CUNEIFORM SIGN ZATU666;Lo;0;L;;;;;N;;;;;
 12B39;PROTO-CUNEIFORM SIGN ZATU667;Lo;0;L;;;;;N;;;;;
 12B3A;PROTO-CUNEIFORM SIGN ZATU668;Lo;0;L;;;;;N;;;;;
 12B3B;PROTO-CUNEIFORM SIGN ZATU669;Lo;0;L;;;;;N;;;;;
 12B3C;PROTO-CUNEIFORM SIGN ZATU670;Lo;0;L;;;;;N;;;;;
 12B3D;PROTO-CUNEIFORM SIGN ZATU672;Lo;0;L;;;;;N;;;;;
 12B3E;PROTO-CUNEIFORM SIGN ZATU674;Lo;0;L;;;;;N;;;;;
 12B3F;PROTO-CUNEIFORM SIGN ZATU675-A;Lo;0;L;;;;;N;;;;;
 12B40;PROTO-CUNEIFORM SIGN ZATU675-B;Lo;0;L;;;;;N;;;;;
 12B41;PROTO-CUNEIFORM SIGN ZATU675-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B42;PROTO-CUNEIFORM SIGN ZATU675-C;Lo;0;L;;;;;N;;;;;
 12B43;PROTO-CUNEIFORM SIGN ZATU675-D;Lo;0;L;;;;;N;;;;;
 12B44;PROTO-CUNEIFORM SIGN ZATU676-A;Lo;0;L;;;;;N;;;;;
 12B45;PROTO-CUNEIFORM SIGN ZATU676-B;Lo;0;L;;;;;N;;;;;
 12B46;PROTO-CUNEIFORM SIGN ZATU677-A;Lo;0;L;;;;;N;;;;;
 12B47;PROTO-CUNEIFORM SIGN ZATU677-B;Lo;0;L;;;;;N;;;;;
 12B48;PROTO-CUNEIFORM SIGN ZATU678;Lo;0;L;;;;;N;;;;;
 12B49;PROTO-CUNEIFORM SIGN ZATU679;Lo;0;L;;;;;N;;;;;
 12B4A;PROTO-CUNEIFORM SIGN ZATU680-A1;Lo;0;L;;;;;N;;;;;
 12B4B;PROTO-CUNEIFORM SIGN ZATU680-A2;Lo;0;L;;;;;N;;;;;
 12B4C;PROTO-CUNEIFORM SIGN ZATU680-B;Lo;0;L;;;;;N;;;;;
 12B4D;PROTO-CUNEIFORM SIGN ZATU680-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B4E;PROTO-CUNEIFORM SIGN ZATU680-D;Lo;0;L;;;;;N;;;;;
 12B4F;PROTO-CUNEIFORM SIGN ZATU680-E;Lo;0;L;;;;;N;;;;;
 12B50;PROTO-CUNEIFORM SIGN ZATU681;Lo;0;L;;;;;N;;;;;
 12B51;PROTO-CUNEIFORM SIGN ZATU682;Lo;0;L;;;;;N;;;;;
 12B52;PROTO-CUNEIFORM SIGN ZATU683-A;Lo;0;L;;;;;N;;;;;
 12B53;PROTO-CUNEIFORM SIGN ZATU683-B;Lo;0;L;;;;;N;;;;;
 12B54;PROTO-CUNEIFORM SIGN ZATU683 TENU;Lo;0;L;;;;;N;;;;;
 12B55;PROTO-CUNEIFORM SIGN ZATU684;Lo;0;L;;;;;N;;;;;
 12B56;PROTO-CUNEIFORM SIGN ZATU685;Lo;0;L;;;;;N;;;;;
 12B57;PROTO-CUNEIFORM SIGN ZATU686-A;Lo;0;L;;;;;N;;;;;
 12B58;PROTO-CUNEIFORM SIGN ZATU686-B;Lo;0;L;;;;;N;;;;;
 12B59;PROTO-CUNEIFORM SIGN ZATU686-C;Lo;0;L;;;;;N;;;;;
 12B5A;PROTO-CUNEIFORM SIGN ZATU687;Lo;0;L;;;;;N;;;;;
 12B5B;PROTO-CUNEIFORM SIGN ZATU688-A;Lo;0;L;;;;;N;;;;;
 12B5C;PROTO-CUNEIFORM SIGN ZATU688-B;Lo;0;L;;;;;N;;;;;
 12B5D;PROTO-CUNEIFORM SIGN ZATU689;Lo;0;L;;;;;N;;;;;
 12B5E;PROTO-CUNEIFORM SIGN ZATU690;Lo;0;L;;;;;N;;;;;
 12B5F;PROTO-CUNEIFORM SIGN ZATU691;Lo;0;L;;;;;N;;;;;
 12B60;PROTO-CUNEIFORM SIGN ZATU692;Lo;0;L;;;;;N;;;;;
 12B61;PROTO-CUNEIFORM SIGN ZATU693;Lo;0;L;;;;;N;;;;;
 12B62;PROTO-CUNEIFORM SIGN ZATU693 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B63;PROTO-CUNEIFORM SIGN ZATU693 VARIANT 2;Lo;0;L;;;;;N;;;;;

12B64;PROTO-CUNEIFORM SIGN ZATU693 TENU;Lo;0;L;;;;;N;;;;;
 12B65;PROTO-CUNEIFORM SIGN ZATU694-A;Lo;0;L;;;;;N;;;;;
 12B66;PROTO-CUNEIFORM SIGN ZATU694-B;Lo;0;L;;;;;N;;;;;
 12B67;PROTO-CUNEIFORM SIGN ZATU694-C;Lo;0;L;;;;;N;;;;;
 12B68;PROTO-CUNEIFORM SIGN ZATU694-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B69;PROTO-CUNEIFORM SIGN ZATU694-D;Lo;0;L;;;;;N;;;;;
 12B6A;PROTO-CUNEIFORM SIGN ZATU694-D TENU;Lo;0;L;;;;;N;;;;;
 12B6B;PROTO-CUNEIFORM SIGN ZATU695;Lo;0;L;;;;;N;;;;;
 12B6C;PROTO-CUNEIFORM SIGN ZATU696;Lo;0;L;;;;;N;;;;;
 12B6D;PROTO-CUNEIFORM SIGN ZATU697-A;Lo;0;L;;;;;N;;;;;
 12B6E;PROTO-CUNEIFORM SIGN ZATU697-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B6F;PROTO-CUNEIFORM SIGN ZATU697-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12B70;PROTO-CUNEIFORM SIGN ZATU697-A VARIANT 3;Lo;0;L;;;;;N;;;;;
 12B71;PROTO-CUNEIFORM SIGN ZATU697-B;Lo;0;L;;;;;N;;;;;
 12B72;PROTO-CUNEIFORM SIGN ZATU697-C;Lo;0;L;;;;;N;;;;;
 12B73;PROTO-CUNEIFORM SIGN ZATU699-A;Lo;0;L;;;;;N;;;;;
 12B74;PROTO-CUNEIFORM SIGN ZATU699-B;Lo;0;L;;;;;N;;;;;
 12B75;PROTO-CUNEIFORM SIGN ZATU700;Lo;0;L;;;;;N;;;;;
 12B76;PROTO-CUNEIFORM SIGN ZATU701;Lo;0;L;;;;;N;;;;;
 12B77;PROTO-CUNEIFORM SIGN ZATU702;Lo;0;L;;;;;N;;;;;
 12B78;PROTO-CUNEIFORM SIGN ZATU703;Lo;0;L;;;;;N;;;;;
 12B79;PROTO-CUNEIFORM SIGN ZATU704;Lo;0;L;;;;;N;;;;;
 12B7A;PROTO-CUNEIFORM SIGN ZATU705;Lo;0;L;;;;;N;;;;;
 12B7B;PROTO-CUNEIFORM SIGN ZATU706;Lo;0;L;;;;;N;;;;;
 12B7C;PROTO-CUNEIFORM SIGN ZATU707-A;Lo;0;L;;;;;N;;;;;
 12B7D;PROTO-CUNEIFORM SIGN ZATU707-B;Lo;0;L;;;;;N;;;;;
 12B7E;PROTO-CUNEIFORM SIGN ZATU708;Lo;0;L;;;;;N;;;;;
 12B7F;PROTO-CUNEIFORM SIGN ZATU709;Lo;0;L;;;;;N;;;;;
 12B80;PROTO-CUNEIFORM SIGN ZATU710;Lo;0;L;;;;;N;;;;;
 12B81;PROTO-CUNEIFORM SIGN ZATU710 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B82;PROTO-CUNEIFORM SIGN ZATU711;Lo;0;L;;;;;N;;;;;
 12B83;PROTO-CUNEIFORM SIGN ZATU711 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B84;PROTO-CUNEIFORM SIGN ZATU713;Lo;0;L;;;;;N;;;;;
 12B85;PROTO-CUNEIFORM SIGN ZATU714;Lo;0;L;;;;;N;;;;;
 12B86;PROTO-CUNEIFORM SIGN ZATU717;Lo;0;L;;;;;N;;;;;
 12B87;PROTO-CUNEIFORM SIGN ZATU718;Lo;0;L;;;;;N;;;;;
 12B88;PROTO-CUNEIFORM SIGN ZATU719;Lo;0;L;;;;;N;;;;;
 12B89;PROTO-CUNEIFORM SIGN ZATU720;Lo;0;L;;;;;N;;;;;
 12B8A;PROTO-CUNEIFORM SIGN ZATU721;Lo;0;L;;;;;N;;;;;
 12B8B;PROTO-CUNEIFORM SIGN ZATU722;Lo;0;L;;;;;N;;;;;
 12B8C;PROTO-CUNEIFORM SIGN ZATU723;Lo;0;L;;;;;N;;;;;
 12B8D;PROTO-CUNEIFORM SIGN ZATU724;Lo;0;L;;;;;N;;;;;
 12B8E;PROTO-CUNEIFORM SIGN ZATU725;Lo;0;L;;;;;N;;;;;
 12B8F;PROTO-CUNEIFORM SIGN ZATU725 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B90;PROTO-CUNEIFORM SIGN ZATU726-A;Lo;0;L;;;;;N;;;;;
 12B91;PROTO-CUNEIFORM SIGN ZATU726-C;Lo;0;L;;;;;N;;;;;
 12B92;PROTO-CUNEIFORM SIGN ZATU726-D;Lo;0;L;;;;;N;;;;;
 12B93;PROTO-CUNEIFORM SIGN ZATU727;Lo;0;L;;;;;N;;;;;
 12B94;PROTO-CUNEIFORM SIGN ZATU728;Lo;0;L;;;;;N;;;;;
 12B95;PROTO-CUNEIFORM SIGN ZATU729;Lo;0;L;;;;;N;;;;;

12B96;PROTO-CUNEIFORM SIGN ZATU729 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B97;PROTO-CUNEIFORM SIGN ZATU730;Lo;0;L;;;;;N;;;;;
 12B98;PROTO-CUNEIFORM SIGN ZATU732;Lo;0;L;;;;;N;;;;;
 12B99;PROTO-CUNEIFORM SIGN ZATU733;Lo;0;L;;;;;N;;;;;
 12B9A;PROTO-CUNEIFORM SIGN ZATU734;Lo;0;L;;;;;N;;;;;
 12B9B;PROTO-CUNEIFORM SIGN ZATU735-A;Lo;0;L;;;;;N;;;;;
 12B9C;PROTO-CUNEIFORM SIGN ZATU735-B;Lo;0;L;;;;;N;;;;;
 12B9D;PROTO-CUNEIFORM SIGN ZATU735-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12B9E;PROTO-CUNEIFORM SIGN ZATU735-B VARIANT 2;Lo;0;L;;;;;N;;;;;
 12B9F;PROTO-CUNEIFORM SIGN ZATU735-C;Lo;0;L;;;;;N;;;;;
 12BA0;PROTO-CUNEIFORM SIGN ZATU736-A;Lo;0;L;;;;;N;;;;;
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 12BA2;PROTO-CUNEIFORM SIGN ZATU737;Lo;0;L;;;;;N;;;;;
 12BA3;PROTO-CUNEIFORM SIGN ZATU737 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BA4;PROTO-CUNEIFORM SIGN ZATU737 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12BA5;PROTO-CUNEIFORM SIGN ZATU749-A;Lo;0;L;;;;;N;;;;;
 12BA6;PROTO-CUNEIFORM SIGN ZATU749-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BA7;PROTO-CUNEIFORM SIGN ZATU749-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12BA8;PROTO-CUNEIFORM SIGN ZATU749-B;Lo;0;L;;;;;N;;;;;
 12BA9;PROTO-CUNEIFORM SIGN ZATU749-C;Lo;0;L;;;;;N;;;;;
 12BAA;PROTO-CUNEIFORM SIGN ZATU750;Lo;0;L;;;;;N;;;;;
 12BAB;PROTO-CUNEIFORM SIGN ZATU750 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BAC;PROTO-CUNEIFORM SIGN ZATU750 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12BAD;PROTO-CUNEIFORM SIGN ZATU750 VARIANT 3;Lo;0;L;;;;;N;;;;;
 12BAE;PROTO-CUNEIFORM SIGN ZATU751-A;Lo;0;L;;;;;N;;;;;
 12BAF;PROTO-CUNEIFORM SIGN ZATU751-B;Lo;0;L;;;;;N;;;;;
 12BB0;PROTO-CUNEIFORM SIGN ZATU752;Lo;0;L;;;;;N;;;;;
 12BB1;PROTO-CUNEIFORM SIGN ZATU752 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BB2;PROTO-CUNEIFORM SIGN ZATU753;Lo;0;L;;;;;N;;;;;
 12BB3;PROTO-CUNEIFORM SIGN ZATU754;Lo;0;L;;;;;N;;;;;
 12BB4;PROTO-CUNEIFORM SIGN ZATU755-A;Lo;0;L;;;;;N;;;;;
 12BB5;PROTO-CUNEIFORM SIGN ZATU755-B;Lo;0;L;;;;;N;;;;;
 12BB6;PROTO-CUNEIFORM SIGN ZATU756;Lo;0;L;;;;;N;;;;;
 12BB7;PROTO-CUNEIFORM SIGN ZATU756 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BB8;PROTO-CUNEIFORM SIGN ZATU757;Lo;0;L;;;;;N;;;;;
 12BB9;PROTO-CUNEIFORM SIGN ZATU757 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BBA;PROTO-CUNEIFORM SIGN ZATU758;Lo;0;L;;;;;N;;;;;
 12BBB;PROTO-CUNEIFORM SIGN ZATU759;Lo;0;L;;;;;N;;;;;
 12BBC;PROTO-CUNEIFORM SIGN ZATU759 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BBD;PROTO-CUNEIFORM SIGN ZATU761;Lo;0;L;;;;;N;;;;;
 12BBE;PROTO-CUNEIFORM SIGN ZATU762-A;Lo;0;L;;;;;N;;;;;
 12BBF;PROTO-CUNEIFORM SIGN ZATU762-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BC0;PROTO-CUNEIFORM SIGN ZATU762-A VARIANT 2;Lo;0;L;;;;;N;;;;;
 12BC1;PROTO-CUNEIFORM SIGN ZATU762-B;Lo;0;L;;;;;N;;;;;
 12BC2;PROTO-CUNEIFORM SIGN ZATU764;Lo;0;L;;;;;N;;;;;
 12BC3;PROTO-CUNEIFORM SIGN ZATU765;Lo;0;L;;;;;N;;;;;
 12BC4;PROTO-CUNEIFORM SIGN ZATU766;Lo;0;L;;;;;N;;;;;
 12BC5;PROTO-CUNEIFORM SIGN ZATU767;Lo;0;L;;;;;N;;;;;
 12BC6;PROTO-CUNEIFORM SIGN ZATU768;Lo;0;L;;;;;N;;;;;
 12BC7;PROTO-CUNEIFORM SIGN ZATU769;Lo;0;L;;;;;N;;;;;

12BC8;PROTO-CUNEIFORM SIGN ZATU771;Lo;0;L;;;;;N;;;;;
 12BC9;PROTO-CUNEIFORM SIGN ZATU772;Lo;0;L;;;;;N;;;;;
 12BCA;PROTO-CUNEIFORM SIGN ZATU773-A;Lo;0;L;;;;;N;;;;;
 12BCB;PROTO-CUNEIFORM SIGN ZATU773-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BCC;PROTO-CUNEIFORM SIGN ZATU773-B;Lo;0;L;;;;;N;;;;;
 12BCD;PROTO-CUNEIFORM SIGN ZATU774;Lo;0;L;;;;;N;;;;;
 12BCE;PROTO-CUNEIFORM SIGN ZATU775;Lo;0;L;;;;;N;;;;;
 12BCF;PROTO-CUNEIFORM SIGN ZATU776;Lo;0;L;;;;;N;;;;;
 12BD0;PROTO-CUNEIFORM SIGN ZATU776 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BD1;PROTO-CUNEIFORM SIGN ZATU777;Lo;0;L;;;;;N;;;;;
 12BD2;PROTO-CUNEIFORM SIGN ZATU777 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12BD3;PROTO-CUNEIFORM SIGN ZATU777 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12BD4;PROTO-CUNEIFORM SIGN ZATU778;Lo;0;L;;;;;N;;;;;
 12BD5;PROTO-CUNEIFORM SIGN ZATU779;Lo;0;L;;;;;N;;;;;
 12BD6;PROTO-CUNEIFORM SIGN ZATU780;Lo;0;L;;;;;N;;;;;
 12BD7;PROTO-CUNEIFORM SIGN ZATU781;Lo;0;L;;;;;N;;;;;
 12BD8;PROTO-CUNEIFORM SIGN ZATU782;Lo;0;L;;;;;N;;;;;
 12BD9;PROTO-CUNEIFORM SIGN ZATU783;Lo;0;L;;;;;N;;;;;
 12BDA;PROTO-CUNEIFORM SIGN ZATU784;Lo;0;L;;;;;N;;;;;
 12BDB;PROTO-CUNEIFORM SIGN ZATU785;Lo;0;L;;;;;N;;;;;
 12BDC;PROTO-CUNEIFORM SIGN ZATU786;Lo;0;L;;;;;N;;;;;
 12BDD;PROTO-CUNEIFORM SIGN ZATU787;Lo;0;L;;;;;N;;;;;
 12BDE;PROTO-CUNEIFORM SIGN ZATU788;Lo;0;L;;;;;N;;;;;
 12BDF;PROTO-CUNEIFORM SIGN ZATU789;Lo;0;L;;;;;N;;;;;
 12BE0;PROTO-CUNEIFORM SIGN ZATU791;Lo;0;L;;;;;N;;;;;
 12BE1;PROTO-CUNEIFORM SIGN ZATU792;Lo;0;L;;;;;N;;;;;
 12BE2;PROTO-CUNEIFORM SIGN ZATU795;Lo;0;L;;;;;N;;;;;
 12BE3;PROTO-CUNEIFORM SIGN ZATU797;Lo;0;L;;;;;N;;;;;
 12BE4;PROTO-CUNEIFORM SIGN ZATU798;Lo;0;L;;;;;N;;;;;
 12BE5;PROTO-CUNEIFORM SIGN ZATU799;Lo;0;L;;;;;N;;;;;
 12BE6;PROTO-CUNEIFORM SIGN ZATU800;Lo;0;L;;;;;N;;;;;
 12BE7;PROTO-CUNEIFORM SIGN ZATU801;Lo;0;L;;;;;N;;;;;
 12BE8;PROTO-CUNEIFORM SIGN ZATU802;Lo;0;L;;;;;N;;;;;
 12BE9;PROTO-CUNEIFORM SIGN ZATU803;Lo;0;L;;;;;N;;;;;
 12BEA;PROTO-CUNEIFORM SIGN ZATU804;Lo;0;L;;;;;N;;;;;
 12BEB;PROTO-CUNEIFORM SIGN ZATU805;Lo;0;L;;;;;N;;;;;
 12BEC;PROTO-CUNEIFORM SIGN ZATU806;Lo;0;L;;;;;N;;;;;
 12BED;PROTO-CUNEIFORM SIGN ZATU807;Lo;0;L;;;;;N;;;;;
 12BEE;PROTO-CUNEIFORM SIGN ZATU808;Lo;0;L;;;;;N;;;;;
 12BEF;PROTO-CUNEIFORM SIGN ZATU809;Lo;0;L;;;;;N;;;;;
 12BF0;PROTO-CUNEIFORM SIGN ZATU810;Lo;0;L;;;;;N;;;;;
 12BF1;PROTO-CUNEIFORM SIGN ZATU811;Lo;0;L;;;;;N;;;;;
 12BF2;PROTO-CUNEIFORM SIGN ZATU812;Lo;0;L;;;;;N;;;;;
 12BF3;PROTO-CUNEIFORM SIGN ZATU813;Lo;0;L;;;;;N;;;;;
 12BF4;PROTO-CUNEIFORM SIGN ZATU814;Lo;0;L;;;;;N;;;;;
 12BF5;PROTO-CUNEIFORM SIGN ZATU815;Lo;0;L;;;;;N;;;;;
 12BF6;PROTO-CUNEIFORM SIGN ZATU817;Lo;0;L;;;;;N;;;;;
 12BF7;PROTO-CUNEIFORM SIGN ZATU818;Lo;0;L;;;;;N;;;;;
 12BF8;PROTO-CUNEIFORM SIGN ZATU819;Lo;0;L;;;;;N;;;;;
 12BF9;PROTO-CUNEIFORM SIGN ZATU820;Lo;0;L;;;;;N;;;;;

12BFA;PROTO-CUNEIFORM SIGN ZATU821;Lo;0;L;;;;;N;;;;;
 12BFB;PROTO-CUNEIFORM SIGN ZATU822;Lo;0;L;;;;;N;;;;;
 12BFC;PROTO-CUNEIFORM SIGN ZATU823;Lo;0;L;;;;;N;;;;;
 12BFD;PROTO-CUNEIFORM SIGN ZATU824;Lo;0;L;;;;;N;;;;;
 12BFE;PROTO-CUNEIFORM SIGN ZATU825;Lo;0;L;;;;;N;;;;;
 12BFF;PROTO-CUNEIFORM SIGN ZATU826;Lo;0;L;;;;;N;;;;;
 12C00;PROTO-CUNEIFORM SIGN ZATU829;Lo;0;L;;;;;N;;;;;
 12C01;PROTO-CUNEIFORM SIGN ZATU831;Lo;0;L;;;;;N;;;;;
 12C02;PROTO-CUNEIFORM SIGN ZATU831 GUNU;Lo;0;L;;;;;N;;;;;
 12C03;PROTO-CUNEIFORM SIGN ZATU832;Lo;0;L;;;;;N;;;;;
 12C04;PROTO-CUNEIFORM SIGN ZATU833;Lo;0;L;;;;;N;;;;;
 12C05;PROTO-CUNEIFORM SIGN ZATU834;Lo;0;L;;;;;N;;;;;
 12C06;PROTO-CUNEIFORM SIGN ZATU835;Lo;0;L;;;;;N;;;;;
 12C07;PROTO-CUNEIFORM SIGN ZATU836;Lo;0;L;;;;;N;;;;;
 12C08;PROTO-CUNEIFORM SIGN ZATU837-A;Lo;0;L;;;;;N;;;;;
 12C09;PROTO-CUNEIFORM SIGN ZATU837-B;Lo;0;L;;;;;N;;;;;
 12C0A;PROTO-CUNEIFORM SIGN ZATU838;Lo;0;L;;;;;N;;;;;
 12C0B;PROTO-CUNEIFORM SIGN ZATU839;Lo;0;L;;;;;N;;;;;
 12C0C;PROTO-CUNEIFORM SIGN ZATU839 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C0D;PROTO-CUNEIFORM SIGN ZATU840;Lo;0;L;;;;;N;;;;;
 12C0E;PROTO-CUNEIFORM SIGN ZATU841;Lo;0;L;;;;;N;;;;;
 12C0F;PROTO-CUNEIFORM SIGN ZATU842;Lo;0;L;;;;;N;;;;;
 12C10;PROTO-CUNEIFORM SIGN ZATU843;Lo;0;L;;;;;N;;;;;
 12C11;PROTO-CUNEIFORM SIGN ZATU844;Lo;0;L;;;;;N;;;;;
 12C12;PROTO-CUNEIFORM SIGN ZATU845;Lo;0;L;;;;;N;;;;;
 12C13;PROTO-CUNEIFORM SIGN ZATU846;Lo;0;L;;;;;N;;;;;
 12C14;PROTO-CUNEIFORM SIGN ZATU847;Lo;0;L;;;;;N;;;;;
 12C15;PROTO-CUNEIFORM SIGN ZATU848;Lo;0;L;;;;;N;;;;;
 12C16;PROTO-CUNEIFORM SIGN ZATU849;Lo;0;L;;;;;N;;;;;
 12C17;PROTO-CUNEIFORM SIGN ZATU850;Lo;0;L;;;;;N;;;;;
 12C18;PROTO-CUNEIFORM SIGN ZATU851;Lo;0;L;;;;;N;;;;;
 12C19;PROTO-CUNEIFORM SIGN ZATU852;Lo;0;L;;;;;N;;;;;
 12C1A;PROTO-CUNEIFORM SIGN ZATU853;Lo;0;L;;;;;N;;;;;
 12C1B;PROTO-CUNEIFORM SIGN ZATU854;Lo;0;L;;;;;N;;;;;
 12C1C;PROTO-CUNEIFORM SIGN ZATU855;Lo;0;L;;;;;N;;;;;
 12C1D;PROTO-CUNEIFORM SIGN ZI-A;Lo;0;L;;;;;N;;;;;
 12C1E;PROTO-CUNEIFORM SIGN ZI-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C1F;PROTO-CUNEIFORM SIGN ZI-B;Lo;0;L;;;;;N;;;;;
 12C20;PROTO-CUNEIFORM SIGN ZI-D;Lo;0;L;;;;;N;;;;;
 12C21;PROTO-CUNEIFORM SIGN ZUBI-A;Lo;0;L;;;;;N;;;;;
 12C22;PROTO-CUNEIFORM SIGN ZUBI-B;Lo;0;L;;;;;N;;;;;
 12C23;PROTO-CUNEIFORM SIGN ONE-N2 BESIDE RU;Lo;0;L;;;;;N;;;;;
 12C24;PROTO-CUNEIFORM SIGN ONE-N8 FLAT TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12C25;PROTO-CUNEIFORM SIGN ONE-N34 TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12C26;PROTO-CUNEIFORM SIGN ONE-N57 BESIDE ONE-N57;Lo;0;L;;;;;N;;;;;
 12C27;PROTO-CUNEIFORM SIGN ONE-N57 BESIDE AB2;Lo;0;L;;;;;N;;;;;
 12C28;PROTO-CUNEIFORM SIGN ONE-N57 BESIDE SHAH2-A;Lo;0;L;;;;;N;;;;;
 12C29;PROTO-CUNEIFORM SIGN ONE-N57 BESIDE SHUBUR;Lo;0;L;;;;;N;;;;;
 12C2A;PROTO-CUNEIFORM SIGN ONE-N57 VARIANT 1 BESIDE SHUBUR VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C2B;PROTO-CUNEIFORM SIGN ONE-N58 BESIDE BAD-A;Lo;0;L;;;;;N;;;;;

12C2C;PROTO-CUNEIFORM SIGN ONE-N58 BESIDE BAD-B;Lo;0;L;;;;;N;;;;;
 12C2D;PROTO-CUNEIFORM SIGN ONE-N58 BESIDE BAD-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C2E;PROTO-CUNEIFORM SIGN TWO-N57 BESIDE AB2;Lo;0;L;;;;;N;;;;;
 12C2F;PROTO-CUNEIFORM SIGN TWO-N57 BESIDE KU6-A;Lo;0;L;;;;;N;;;;;
 12C30;PROTO-CUNEIFORM SIGN TWO-N57 BESIDE SHUBUR;Lo;0;L;;;;;N;;;;;
 12C31;PROTO-CUNEIFORM SIGN TWO-N57 BESIDE SU-A;Lo;0;L;;;;;N;;;;;
 12C32;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE AMAR;Lo;0;L;;;;;N;;;;;
 12C33;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE BARA3;Lo;0;L;;;;;N;;;;;
 12C34;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE E2-B;Lo;0;L;;;;;N;;;;;
 12C35;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE GAR;Lo;0;L;;;;;N;;;;;
 12C36;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE NUNUZ-A1;Lo;0;L;;;;;N;;;;;
 12C37;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE NUNUZ-C;Lo;0;L;;;;;N;;;;;
 12C38;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE PIRIG-B1;Lo;0;L;;;;;N;;;;;
 12C39;PROTO-CUNEIFORM SIGN THREE-N57 BESIDE SHUBUR;Lo;0;L;;;;;N;;;;;
 12C3A;PROTO-CUNEIFORM SIGN THREE-N58 BESIDE UR3-B1;Lo;0;L;;;;;N;;;;;
 12C3B;PROTO-CUNEIFORM SIGN FOUR-N57 BESIDE AMAR;Lo;0;L;;;;;N;;;;;
 12C3C;PROTO-CUNEIFORM SIGN FOUR-N57 BESIDE GAR;Lo;0;L;;;;;N;;;;;
 12C3D;PROTO-CUNEIFORM SIGN FOUR-N57 BESIDE KU3-A;Lo;0;L;;;;;N;;;;;
 12C3E;PROTO-CUNEIFORM SIGN FOUR-N57 BESIDE NI-B;Lo;0;L;;;;;N;;;;;
 12C3F;PROTO-CUNEIFORM SIGN FIVE-N57 BESIDE GAR;Lo;0;L;;;;;N;;;;;
 12C40;PROTO-CUNEIFORM SIGN FIVE-N57 BESIDE KU3-A;Lo;0;L;;;;;N;;;;;
 12C41;PROTO-CUNEIFORM SIGN SIX-N57 BESIDE GAR;Lo;0;L;;;;;N;;;;;
 12C42;PROTO-CUNEIFORM SIGN SIX-N57 BESIDE KU3-A;Lo;0;L;;;;;N;;;;;
 12C43;PROTO-CUNEIFORM SIGN EIGHT-N57 BESIDE NI-B;Lo;0;L;;;;;N;;;;;
 12C44;PROTO-CUNEIFORM SIGN X-N57 BESIDE GAR;Lo;0;L;;;;;N;;;;;
 12C45;PROTO-CUNEIFORM SIGN A TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12C46;PROTO-CUNEIFORM SIGN A TIMES AB2;Lo;0;L;;;;;N;;;;;
 12C47;PROTO-CUNEIFORM SIGN A TIMES AN;Lo;0;L;;;;;N;;;;;
 12C48;PROTO-CUNEIFORM SIGN A TIMES EN-A;Lo;0;L;;;;;N;;;;;
 12C49;PROTO-CUNEIFORM SIGN A TIMES SHUBUR;Lo;0;L;;;;;N;;;;;
 12C4A;PROTO-CUNEIFORM SIGN A TIMES ZATU672;Lo;0;L;;;;;N;;;;;
 12C4B;PROTO-CUNEIFORM SIGN AB-A TIMES ONE-N1;Lo;0;L;;;;;N;;;;;
 12C4C;PROTO-CUNEIFORM SIGN AB-A TIMES A TENU;Lo;0;L;;;;;N;;;;;
 12C4D;PROTO-CUNEIFORM SIGN AB-A TIMES ASH2;Lo;0;L;;;;;N;;;;;
 12C4E;PROTO-CUNEIFORM SIGN AB-A TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12C4F;PROTO-CUNEIFORM SIGN AB-A TIMES SHE-A OVER SHE-A;Lo;0;L;;;;;N;;;;;
 12C50;PROTO-CUNEIFORM SIGN AB-A TIMES SUKKAL;Lo;0;L;;;;;N;;;;;
 12C51;PROTO-CUNEIFORM SIGN AB-A TIMES X;Lo;0;L;;;;;N;;;;;
 12C52;PROTO-CUNEIFORM SIGN AB-A TIMES ZATU659;Lo;0;L;;;;;N;;;;;
 12C53;PROTO-CUNEIFORM SIGN AB-B TIMES A;Lo;0;L;;;;;N;;;;;
 12C54;PROTO-CUNEIFORM SIGN AB-B TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12C55;PROTO-CUNEIFORM SIGN AB-B TIMES SHA3-A1;Lo;0;L;;;;;N;;;;;
 12C56;PROTO-CUNEIFORM SIGN AB2 TIMES TWO-N14;Lo;0;L;;;;;N;;;;;
 12C57;PROTO-CUNEIFORM SIGN AB2 TIMES TWO-N14 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C58;PROTO-CUNEIFORM SIGN AMA-A TIMES E2-A;Lo;0;L;;;;;N;;;;;
 12C59;PROTO-CUNEIFORM SIGN AMAR BESIDE ONE-N2;Lo;0;L;;;;;N;;;;;
 12C5A;PROTO-CUNEIFORM SIGN AMAR OVER AMAR;Lo;0;L;;;;;N;;;;;
 12C5B;PROTO-CUNEIFORM SIGN AMAR TIMES TAR;Lo;0;L;;;;;N;;;;;
 12C5C;PROTO-CUNEIFORM SIGN APIN-A BESIDE APIN-A;Lo;0;L;;;;;N;;;;;
 12C5D;PROTO-CUNEIFORM SIGN BAD OVER BAD;Lo;0;L;;;;;N;;;;;

12C5E;PROTO-CUNEIFORM SIGN BU-A TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12C5F;PROTO-CUNEIFORM SIGN BU-A TIMES A;Lo;0;L;;;;;N;;;;;
 12C60;PROTO-CUNEIFORM SIGN BU-A OVER BU-A BESIDE NA2-A;Lo;0;L;;;;;N;;;;;
 12C61;PROTO-CUNEIFORM SIGN BU-A OVER BU-A BESIDE NA2-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C62;PROTO-CUNEIFORM SIGN BU-A OVER BU-A BESIDE NA2-A NUTILLU;Lo;0;L;;;;;N;;;;;
 12C63;PROTO-CUNEIFORM SIGN BU-A OVER BU-A BESIDE NA2-B;Lo;0;L;;;;;N;;;;;
 12C64;PROTO-CUNEIFORM SIGN BU-A OVER BU-A BESIDE X;Lo;0;L;;;;;N;;;;;
 12C65;PROTO-CUNEIFORM SIGN BU-A JOINING DU6-A;Lo;0;L;;;;;N;;;;;
 12C66;PROTO-CUNEIFORM SIGN BU-A JOINING DU6-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C67;PROTO-CUNEIFORM SIGN BU-A TIMES GISH TENU;Lo;0;L;;;;;N;;;;;
 12C68;PROTO-CUNEIFORM SIGN BU-B BESIDE NA2-A;Lo;0;L;;;;;N;;;;;
 12C69;PROTO-CUNEIFORM SIGN DA-A BESIDE LISH;Lo;0;L;;;;;N;;;;;
 12C6A;PROTO-CUNEIFORM SIGN DAR-A TIMES A;Lo;0;L;;;;;N;;;;;
 12C6B;PROTO-CUNEIFORM SIGN DARA3-C TIMES KAR2;Lo;0;L;;;;;N;;;;;
 12C6C;PROTO-CUNEIFORM SIGN DARA3-C TIMES KAR2 BESIDE SHE-A;Lo;0;L;;;;;N;;;;;
 12C6D;PROTO-CUNEIFORM SIGN DARA3-D TIMES KAR2;Lo;0;L;;;;;N;;;;;
 12C6E;PROTO-CUNEIFORM SIGN DARA3-D TIMES KAR2 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C6F;PROTO-CUNEIFORM SIGN DARA3-D TIMES KAR2 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12C70;PROTO-CUNEIFORM SIGN DARA3-D TIMES KAR2 BESIDE SHE-A;Lo;0;L;;;;;N;;;;;
 12C71;PROTO-CUNEIFORM SIGN DIM-A TIMES GU;Lo;0;L;;;;;N;;;;;
 12C72;PROTO-CUNEIFORM SIGN DIM-A TIMES X;Lo;0;L;;;;;N;;;;;
 12C73;PROTO-CUNEIFORM SIGN DU TIMES DISH;Lo;0;L;;;;;N;;;;;
 12C74;PROTO-CUNEIFORM SIGN DU6-A TIMES DISH;Lo;0;L;;;;;N;;;;;
 12C75;PROTO-CUNEIFORM SIGN DU8-C TIMES HI;Lo;0;L;;;;;N;;;;;
 12C76;PROTO-CUNEIFORM SIGN DU8-C TIMES UDU-A;Lo;0;L;;;;;N;;;;;
 12C77;PROTO-CUNEIFORM SIGN DU8-C TIMES X;Lo;0;L;;;;;N;;;;;
 12C78;PROTO-CUNEIFORM SIGN DUB TIMES DISH FORM A;Lo;0;L;;;;;N;;;;;
 12C79;PROTO-CUNEIFORM SIGN DUB TIMES DISH FORM B;Lo;0;L;;;;;N;;;;;
 12C7A;PROTO-CUNEIFORM SIGN DUB TIMES DISH FORM C;Lo;0;L;;;;;N;;;;;
 12C7B;PROTO-CUNEIFORM SIGN DUG-A TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12C7C;PROTO-CUNEIFORM SIGN DUG-A TIMES HI;Lo;0;L;;;;;N;;;;;
 12C7D;PROTO-CUNEIFORM SIGN DUG-A TIMES KASKAL;Lo;0;L;;;;;N;;;;;
 12C7E;PROTO-CUNEIFORM SIGN DUG-A TIMES LAM-B;Lo;0;L;;;;;N;;;;;
 12C7F;PROTO-CUNEIFORM SIGN DUG-A TIMES NAGA-A;Lo;0;L;;;;;N;;;;;
 12C80;PROTO-CUNEIFORM SIGN DUG-A TIMES U2-A;Lo;0;L;;;;;N;;;;;
 12C81;PROTO-CUNEIFORM SIGN DUG-A TIMES U2-B;Lo;0;L;;;;;N;;;;;
 12C82;PROTO-CUNEIFORM SIGN DUG-A TIMES X;Lo;0;L;;;;;N;;;;;
 12C83;PROTO-CUNEIFORM SIGN DUG-B TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12C84;PROTO-CUNEIFORM SIGN DUG-B VARIANT 1 TIMES AB2;Lo;0;L;;;;;N;;;;;
 12C85;PROTO-CUNEIFORM SIGN DUG-B TIMES ONE-N57 BESIDE KU3-A;Lo;0;L;;;;;N;;;;;
 12C86;PROTO-CUNEIFORM SIGN DUG-B TIMES THREE-N57;Lo;0;L;;;;;N;;;;;
 12C87;PROTO-CUNEIFORM SIGN DUG-B TIMES AB2;Lo;0;L;;;;;N;;;;;
 12C88;PROTO-CUNEIFORM SIGN DUG-B TIMES ANSHE-B;Lo;0;L;;;;;N;;;;;
 12C89;PROTO-CUNEIFORM SIGN DUG-B TIMES ANSHE-D;Lo;0;L;;;;;N;;;;;
 12C8A;PROTO-CUNEIFORM SIGN DUG-B TIMES BALA-A;Lo;0;L;;;;;N;;;;;
 12C8B;PROTO-CUNEIFORM SIGN DUG-B TIMES BIR3-C;Lo;0;L;;;;;N;;;;;
 12C8C;PROTO-CUNEIFORM SIGN DUG-B TIMES DIN;Lo;0;L;;;;;N;;;;;
 12C8D;PROTO-CUNEIFORM SIGN DUG-B TIMES DIN VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C8E;PROTO-CUNEIFORM SIGN DUG-B TIMES DIN REVERSED;Lo;0;L;;;;;N;;;;;
 12C8F;PROTO-CUNEIFORM SIGN DUG-B OVER DUG-B TIMES ONE-N58;Lo;0;L;;;;;N;;;;;

12C90;PROTO-CUNEIFORM SIGN DUG-B TIMES E-A;Lo;0;L;;;;;N;;;;;
 12C91;PROTO-CUNEIFORM SIGN DUG-B TIMES GA-A;Lo;0;L;;;;;N;;;;;
 12C92;PROTO-CUNEIFORM SIGN DUG-B TIMES GA-B;Lo;0;L;;;;;N;;;;;
 12C93;PROTO-CUNEIFORM SIGN DUG-B TIMES GESHTU-A;Lo;0;L;;;;;N;;;;;
 12C94;PROTO-CUNEIFORM SIGN DUG-B TIMES GESHTU-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C95;PROTO-CUNEIFORM SIGN DUG-B TIMES GESHTU-B;Lo;0;L;;;;;N;;;;;
 12C96;PROTO-CUNEIFORM SIGN DUG-B TIMES GI6;Lo;0;L;;;;;N;;;;;
 12C97;PROTO-CUNEIFORM SIGN DUG-B TIMES GISH;Lo;0;L;;;;;N;;;;;
 12C98;PROTO-CUNEIFORM SIGN DUG-B TIMES HI;Lo;0;L;;;;;N;;;;;
 12C99;PROTO-CUNEIFORM SIGN DUG-B TIMES HI VARIANT 1;Lo;0;L;;;;;N;;;;;
 12C9A;PROTO-CUNEIFORM SIGN DUG-B TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12C9B;PROTO-CUNEIFORM SIGN DUG-B TIMES KASKAL;Lo;0;L;;;;;N;;;;;
 12C9C;PROTO-CUNEIFORM SIGN DUG-B TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12C9D;PROTO-CUNEIFORM SIGN DUG-B TIMES KUR-A;Lo;0;L;;;;;N;;;;;
 12C9E;PROTO-CUNEIFORM SIGN DUG-B TIMES KUR-A BESIDE X;Lo;0;L;;;;;N;;;;;
 12C9F;PROTO-CUNEIFORM SIGN DUG-B TIMES KUR-B;Lo;0;L;;;;;N;;;;;
 12CA0;PROTO-CUNEIFORM SIGN DUG-B TIMES KUR GUNU-A;Lo;0;L;;;;;N;;;;;
 12CA1;PROTO-CUNEIFORM SIGN DUG-B TIMES LAM-A;Lo;0;L;;;;;N;;;;;
 12CA2;PROTO-CUNEIFORM SIGN DUG-B TIMES MASH;Lo;0;L;;;;;N;;;;;
 12CA3;PROTO-CUNEIFORM SIGN DUG-B TIMES MASH VARIANT 1;Lo;0;L;;;;;N;;;;;
 12CA4;PROTO-CUNEIFORM SIGN DUG-B TIMES NAGA-A;Lo;0;L;;;;;N;;;;;
 12CA5;PROTO-CUNEIFORM SIGN DUG-B TIMES NAM2;Lo;0;L;;;;;N;;;;;
 12CA6;PROTO-CUNEIFORM SIGN DUG-B TIMES NI-A GUNU BESIDE ZATU779;Lo;0;L;;;;;N;;;;;
 12CA7;PROTO-CUNEIFORM SIGN DUG-B TIMES SA-A;Lo;0;L;;;;;N;;;;;
 12CA8;PROTO-CUNEIFORM SIGN DUG-B TIMES SHAH2-A;Lo;0;L;;;;;N;;;;;
 12CA9;PROTO-CUNEIFORM SIGN DUG-B TIMES SHE-A;Lo;0;L;;;;;N;;;;;
 12CAA;PROTO-CUNEIFORM SIGN DUG-B VARIANT 1 TIMES SHE-A FORM 1;Lo;0;L;;;;;N;;;;;
 12CAB;PROTO-CUNEIFORM SIGN DUG-B VARIANT 1 TIMES SHE-A FORM 2;Lo;0;L;;;;;N;;;;;
 12CAC;PROTO-CUNEIFORM SIGN DUG-B TIMES SHE-A BESIDE NAM2;Lo;0;L;;;;;N;;;;;
 12CAD;PROTO-CUNEIFORM SIGN DUG-B TIMES SI4-A;Lo;0;L;;;;;N;;;;;
 12CAE;PROTO-CUNEIFORM SIGN DUG-B TIMES SI4-A BESIDE X;Lo;0;L;;;;;N;;;;;
 12CAF;PROTO-CUNEIFORM SIGN DUG-B TIMES SIG2-A1;Lo;0;L;;;;;N;;;;;
 12CB0;PROTO-CUNEIFORM SIGN DUG-B TIMES SIG2-A2;Lo;0;L;;;;;N;;;;;
 12CB1;PROTO-CUNEIFORM SIGN DUG-B TIMES SIG7;Lo;0;L;;;;;N;;;;;
 12CB2;PROTO-CUNEIFORM SIGN DUG-B TIMES SUHUR;Lo;0;L;;;;;N;;;;;
 12CB3;PROTO-CUNEIFORM SIGN DUG-B TIMES TAK4-A;Lo;0;L;;;;;N;;;;;
 12CB4;PROTO-CUNEIFORM SIGN DUG-B TIMES TAK4-A BESIDE SA-A;Lo;0;L;;;;;N;;;;;
 12CB5;PROTO-CUNEIFORM SIGN DUG-B TIMES TAK4-A BESIDE SAL;Lo;0;L;;;;;N;;;;;
 12CB6;PROTO-CUNEIFORM SIGN DUG-B TIMES TI;Lo;0;L;;;;;N;;;;;
 12CB7;PROTO-CUNEIFORM SIGN DUG-B TIMES U2-A;Lo;0;L;;;;;N;;;;;
 12CB8;PROTO-CUNEIFORM SIGN DUG-B VARIANT 1 TIMES U2-B;Lo;0;L;;;;;N;;;;;
 12CB9;PROTO-CUNEIFORM SIGN DUG-B VARIANT 2 TIMES U2-B;Lo;0;L;;;;;N;;;;;
 12CBA;PROTO-CUNEIFORM SIGN DUG-B TIMES UH3-A;Lo;0;L;;;;;N;;;;;
 12CBB;PROTO-CUNEIFORM SIGN DUG-B TIMES UH3-A TENU;Lo;0;L;;;;;N;;;;;
 12CBC;PROTO-CUNEIFORM SIGN DUG-B TIMES X;Lo;0;L;;;;;N;;;;;
 12CBD;PROTO-CUNEIFORM SIGN DUG-B TIMES X VARIANT 1;Lo;0;L;;;;;N;;;;;
 12CBE;PROTO-CUNEIFORM SIGN DUG-B TIMES ZATU707-A;Lo;0;L;;;;;N;;;;;
 12CBF;PROTO-CUNEIFORM SIGN DUG-B TIMES ZATU764;Lo;0;L;;;;;N;;;;;
 12CC0;PROTO-CUNEIFORM SIGN DUG-B TIMES ZATU779;Lo;0;L;;;;;N;;;;;
 12CC1;PROTO-CUNEIFORM SIGN DUG-B TIMES ZATU780;Lo;0;L;;;;;N;;;;;

12CC2;PROTO-CUNEIFORM SIGN DUG-B TIMES ZATU781;Lo;0;L;;;;;N;;;;;
 12CC3;PROTO-CUNEIFORM SIGN DUG-B TIMES ZATU789 BESIDE SA-A;Lo;0;L;;;;;N;;;;;
 12CC4;PROTO-CUNEIFORM SIGN DUG-C TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12CC5;PROTO-CUNEIFORM SIGN DUG-C VARIANT 1 TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12CC6;PROTO-CUNEIFORM SIGN DUG-C VARIANT 2 TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12CC7;PROTO-CUNEIFORM SIGN E2-A TIMES ONE-N58 TENU;Lo;0;L;;;;;N;;;;;
 12CC8;PROTO-CUNEIFORM SIGN E2-A TIMES THREE-N58;Lo;0;L;;;;;N;;;;;
 12CC9;PROTO-CUNEIFORM SIGN E2-A BESIDE LISH;Lo;0;L;;;;;N;;;;;
 12CCA;PROTO-CUNEIFORM SIGN E2-B TIMES ONE-N57 TENU;Lo;0;L;;;;;N;;;;;
 12CCB;PROTO-CUNEIFORM SIGN E2-B BESIDE LISH;Lo;0;L;;;;;N;;;;;
 12CCC;PROTO-CUNEIFORM SIGN EN-C OVER EN-C;Lo;0;L;;;;;N;;;;;
 12CCD;PROTO-CUNEIFORM SIGN EN2 BESIDE E2-A;Lo;0;L;;;;;N;;;;;
 12CCE;PROTO-CUNEIFORM SIGN EN2 BESIDE E2-B;Lo;0;L;;;;;N;;;;;
 12CCF;PROTO-CUNEIFORM SIGN ESHDA TIMES TAR;Lo;0;L;;;;;N;;;;;
 12CD0;PROTO-CUNEIFORM SIGN EZEN-A TIMES EN-A;Lo;0;L;;;;;N;;;;;
 12CD1;PROTO-CUNEIFORM SIGN EZEN-A TIMES EN-B;Lo;0;L;;;;;N;;;;;
 12CD2;PROTO-CUNEIFORM SIGN EZEN-A TIMES HI BESIDE ONE-N57 BESIDE AN;Lo;0;L;;;;;N;;;;;
 12CD3;PROTO-CUNEIFORM SIGN EZEN-A TIMES KAB;Lo;0;L;;;;;N;;;;;
 12CD4;PROTO-CUNEIFORM SIGN EZEN-A TIMES KI;Lo;0;L;;;;;N;;;;;
 12CD5;PROTO-CUNEIFORM SIGN EZEN-A TIMES LA-E;Lo;0;L;;;;;N;;;;;
 12CD6;PROTO-CUNEIFORM SIGN EZEN-A TIMES LA-E VARIANT 1;Lo;0;L;;;;;N;;;;;
 12CD7;PROTO-CUNEIFORM SIGN EZEN-A TIMES NIM-B2;Lo;0;L;;;;;N;;;;;
 12CD8;PROTO-CUNEIFORM SIGN EZEN-A TIMES NIMGIR;Lo;0;L;;;;;N;;;;;
 12CD9;PROTO-CUNEIFORM SIGN EZEN-A TIMES RAD-A;Lo;0;L;;;;;N;;;;;
 12CDA;PROTO-CUNEIFORM SIGN EZEN-A TIMES SAG;Lo;0;L;;;;;N;;;;;
 12CDB;PROTO-CUNEIFORM SIGN EZEN-A TIMES SU-A;Lo;0;L;;;;;N;;;;;
 12CDC;PROTO-CUNEIFORM SIGN EZEN-A TIMES U2-B BESIDE A;Lo;0;L;;;;;N;;;;;
 12CDD;PROTO-CUNEIFORM SIGN EZEN-A TIMES U4;Lo;0;L;;;;;N;;;;;
 12CDE;PROTO-CUNEIFORM SIGN EZEN-A TIMES X;Lo;0;L;;;;;N;;;;;
 12CDF;PROTO-CUNEIFORM SIGN EZEN-B TIMES SIX-N57;Lo;0;L;;;;;N;;;;;
 12CE0;PROTO-CUNEIFORM SIGN EZEN-B TIMES SIX-N57 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12CE1;PROTO-CUNEIFORM SIGN GA-A TIMES X;Lo;0;L;;;;;N;;;;;
 12CE2;PROTO-CUNEIFORM SIGN GA-A BESIDE ZATU753;Lo;0;L;;;;;N;;;;;
 12CE3;PROTO-CUNEIFORM SIGN GA-A BESIDE ZATU753 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12CE4;PROTO-CUNEIFORM SIGN GA-C TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12CE5;PROTO-CUNEIFORM SIGN GA-C TIMES KASKAL;Lo;0;L;;;;;N;;;;;
 12CE6;PROTO-CUNEIFORM SIGN GA2-A1 TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12CE7;PROTO-CUNEIFORM SIGN GA2-A1 TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12CE8;PROTO-CUNEIFORM SIGN GA2-A1 TIMES THREE-N57;Lo;0;L;;;;;N;;;;;
 12CE9;PROTO-CUNEIFORM SIGN GA2-A1 TIMES A;Lo;0;L;;;;;N;;;;;
 12CEA;PROTO-CUNEIFORM SIGN GA2-A1 TIMES EN-B;Lo;0;L;;;;;N;;;;;
 12CEB;PROTO-CUNEIFORM SIGN GA2-A1 TIMES GESHTU-C3;Lo;0;L;;;;;N;;;;;
 12CEC;PROTO-CUNEIFORM SIGN GA2-A1 TIMES GESHTU-C5;Lo;0;L;;;;;N;;;;;
 12CED;PROTO-CUNEIFORM SIGN GA2-A1 TIMES GIR-A;Lo;0;L;;;;;N;;;;;
 12CEE;PROTO-CUNEIFORM SIGN GA2-A1 TIMES GIR-A BESIDE KU6-A;Lo;0;L;;;;;N;;;;;
 12CEF;PROTO-CUNEIFORM SIGN GA2-A1 TIMES GISH TENU;Lo;0;L;;;;;N;;;;;
 12CF0;PROTO-CUNEIFORM SIGN GA2-A1 TIMES GU4;Lo;0;L;;;;;N;;;;;
 12CF1;PROTO-CUNEIFORM SIGN GA2-A1 TIMES HAL;Lo;0;L;;;;;N;;;;;
 12CF2;PROTO-CUNEIFORM SIGN GA2-A1 TIMES HI;Lo;0;L;;;;;N;;;;;
 12CF3;PROTO-CUNEIFORM SIGN GA2-A1 TIMES HI BESIDE SUHUR;Lo;0;L;;;;;N;;;;;

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12D26;PROTO-CUNEIFORM SIGN GI OVER GI;Lo;0;L;;;;;N;;;;;
 12D27;PROTO-CUNEIFORM SIGN GI OVER GI OVER GI;Lo;0;L;;;;;N;;;;;
 12D28;PROTO-CUNEIFORM SIGN GI OVER GI TIMES GISH TENU;Lo;0;L;;;;;N;;;;;
 12D29;PROTO-CUNEIFORM SIGN GI OVER GI TIMES SHE3;Lo;0;L;;;;;N;;;;;
 12D2A;PROTO-CUNEIFORM SIGN GI OVER GI TIMES X;Lo;0;L;;;;;N;;;;;
 12D2B;PROTO-CUNEIFORM SIGN GI TIMES GISH TENU;Lo;0;L;;;;;N;;;;;
 12D2C;PROTO-CUNEIFORM SIGN GI TIMES KU-B1;Lo;0;L;;;;;N;;;;;
 12D2D;PROTO-CUNEIFORM SIGN GI TIMES LAGAB-A;Lo;0;L;;;;;N;;;;;
 12D2E;PROTO-CUNEIFORM SIGN GI TIMES NAM2;Lo;0;L;;;;;N;;;;;
 12D2F;PROTO-CUNEIFORM SIGN GI TIMES SHE3;Lo;0;L;;;;;N;;;;;
 12D30;PROTO-CUNEIFORM SIGN GI TIMES SIG2-D1;Lo;0;L;;;;;N;;;;;
 12D31;PROTO-CUNEIFORM SIGN GI TIMES X;Lo;0;L;;;;;N;;;;;
 12D32;PROTO-CUNEIFORM SIGN GI4-A TIMES A;Lo;0;L;;;;;N;;;;;
 12D33;PROTO-CUNEIFORM SIGN GI4-A OVER GI4-A;Lo;0;L;;;;;N;;;;;
 12D34;PROTO-CUNEIFORM SIGN GI4-B OVER GI4-B;Lo;0;L;;;;;N;;;;;
 12D35;PROTO-CUNEIFORM SIGN GIR-A BESIDE KU6-A;Lo;0;L;;;;;N;;;;;
 12D36;PROTO-CUNEIFORM SIGN GIR-B BESIDE GIR-B;Lo;0;L;;;;;N;;;;;
 12D37;PROTO-CUNEIFORM SIGN GIR3-A TIMES SHE-B;Lo;0;L;;;;;N;;;;;
 12D38;PROTO-CUNEIFORM SIGN GIR3-C TIMES KAR2;Lo;0;L;;;;;N;;;;;
 12D39;PROTO-CUNEIFORM SIGN GIR3-C TIMES SHE3;Lo;0;L;;;;;N;;;;;
 12D3A;PROTO-CUNEIFORM SIGN GISH TIMES DIN BESIDE DIN FORM A;Lo;0;L;;;;;N;;;;;
 12D3B;PROTO-CUNEIFORM SIGN GISH TIMES DIN BESIDE DIN FORM B;Lo;0;L;;;;;N;;;;;
 12D3C;PROTO-CUNEIFORM SIGN GISH TIMES DIN BESIDE DIN FORM C;Lo;0;L;;;;;N;;;;;
 12D3D;PROTO-CUNEIFORM SIGN GISH TIMES SHU2-A;Lo;0;L;;;;;N;;;;;
 12D3E;PROTO-CUNEIFORM SIGN GISH TIMES SHU2-B;Lo;0;L;;;;;N;;;;;
 12D3F;PROTO-CUNEIFORM SIGN GISH BESIDE TE;Lo;0;L;;;;;N;;;;;
 12D40;PROTO-CUNEIFORM SIGN GISH TENU BESIDE E2-A;Lo;0;L;;;;;N;;;;;
 12D41;PROTO-CUNEIFORM SIGN GISH3-A OVER GISH3-A;Lo;0;L;;;;;N;;;;;
 12D42;PROTO-CUNEIFORM SIGN GU4 BESIDE ZATU755-A;Lo;0;L;;;;;N;;;;;
 12D43;PROTO-CUNEIFORM SIGN GUG2 TIMES SHITA-A1;Lo;0;L;;;;;N;;;;;
 12D44;PROTO-CUNEIFORM SIGN GUG2 TIMES SILA3-A;Lo;0;L;;;;;N;;;;;
 12D45;PROTO-CUNEIFORM SIGN GUG2 TIMES TUR;Lo;0;L;;;;;N;;;;;
 12D46;PROTO-CUNEIFORM SIGN GUKKAL-A BESIDE HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12D47;PROTO-CUNEIFORM SIGN GURUSH-A TIMES TWO-N14;Lo;0;L;;;;;N;;;;;
 12D48;PROTO-CUNEIFORM SIGN GURUSH-B TIMES TWO-N14;Lo;0;L;;;;;N;;;;;
 12D49;PROTO-CUNEIFORM SIGN GURUSH-C TIMES TWO-N14;Lo;0;L;;;;;N;;;;;
 12D4A;PROTO-CUNEIFORM SIGN HASHHUR TIMES MA;Lo;0;L;;;;;N;;;;;
 12D4B;PROTO-CUNEIFORM SIGN HI TIMES ONE-N1 FLAT;Lo;0;L;;;;;N;;;;;
 12D4C;PROTO-CUNEIFORM SIGN HI TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12D4D;PROTO-CUNEIFORM SIGN HI TIMES ONE-N57 BESIDE HI TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12D4E;PROTO-CUNEIFORM SIGN HI TIMES ONE-N57 TENU;Lo;0;L;;;;;N;;;;;
 12D4F;PROTO-CUNEIFORM SIGN HI TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12D50;PROTO-CUNEIFORM SIGN HI TIMES LAGAB-A;Lo;0;L;;;;;N;;;;;
 12D51;PROTO-CUNEIFORM SIGN HI TIMES SHE3 TENU;Lo;0;L;;;;;N;;;;;
 12D52;PROTO-CUNEIFORM SIGN HI BESIDE SUHUR;Lo;0;L;;;;;N;;;;;
 12D53;PROTO-CUNEIFORM SIGN HI BESIDE SUHUR VARIANT 1;Lo;0;L;;;;;N;;;;;
 12D54;PROTO-CUNEIFORM SIGN HI BESIDE SUHUR VARIANT 2;Lo;0;L;;;;;N;;;;;
 12D55;PROTO-CUNEIFORM SIGN HI TIMES ZATU707-A;Lo;0;L;;;;;N;;;;;
 12D56;PROTO-CUNEIFORM SIGN IR-A BESIDE GA2-A1;Lo;0;L;;;;;N;;;;;
 12D57;PROTO-CUNEIFORM SIGN KA-A TIMES SAR-A;Lo;0;L;;;;;N;;;;;

12D58;PROTO-CUNEIFORM SIGN KA-A BESIDE SHE-A;Lo;0;L;;;;N;;;;;
 12D59;PROTO-CUNEIFORM SIGN KA-A BESIDE SHE-A VARIANT 1;Lo;0;L;;;;N;;;;;
 12D5A;PROTO-CUNEIFORM SIGN KA2 TIMES LAM;Lo;0;L;;;;N;;;;;
 12D5B;PROTO-CUNEIFORM SIGN KAB TIMES ONE-N58;Lo;0;L;;;;N;;;;;
 12D5C;PROTO-CUNEIFORM SIGN KAK-A BESIDE GA2-A1;Lo;0;L;;;;N;;;;;
 12D5D;PROTO-CUNEIFORM SIGN KASH-B TIMES SHE-A;Lo;0;L;;;;N;;;;;
 12D5E;PROTO-CUNEIFORM SIGN KI NUTILLU TIMES DUB-A;Lo;0;L;;;;N;;;;;
 12D5F;PROTO-CUNEIFORM SIGN KU6-A BESIDE ONE-N2;Lo;0;L;;;;N;;;;;
 12D60;PROTO-CUNEIFORM SIGN KU6-A JOINING GISH;Lo;0;L;;;;N;;;;;
 12D61;PROTO-CUNEIFORM SIGN KU6-A JOINING KU6-A;Lo;0;L;;;;N;;;;;
 12D62;PROTO-CUNEIFORM SIGN KUR-A BESIDE E2-A;Lo;0;L;;;;N;;;;;
 12D63;PROTO-CUNEIFORM SIGN KUR-A BESIDE NUNUZ-A1;Lo;0;L;;;;N;;;;;
 12D64;PROTO-CUNEIFORM SIGN KUR-B BESIDE E2-A;Lo;0;L;;;;N;;;;;
 12D65;PROTO-CUNEIFORM SIGN LAGAB-A TIMES TWO-N14;Lo;0;L;;;;N;;;;;
 12D66;PROTO-CUNEIFORM SIGN LAGAB-A TIMES BA;Lo;0;L;;;;N;;;;;
 12D67;PROTO-CUNEIFORM SIGN LAGAB-A TIMES BIR3-B;Lo;0;L;;;;N;;;;;
 12D68;PROTO-CUNEIFORM SIGN LAGAB-A TIMES DU6-B;Lo;0;L;;;;N;;;;;
 12D69;PROTO-CUNEIFORM SIGN LAGAB-A TIMES KAK-A;Lo;0;L;;;;N;;;;;
 12D6A;PROTO-CUNEIFORM SIGN LAGAB-A TIMES KU6-A;Lo;0;L;;;;N;;;;;
 12D6B;PROTO-CUNEIFORM SIGN LAGAB-A TIMES KU6-A JOINING KU6-A;Lo;0;L;;;;N;;;;;
 12D6C;PROTO-CUNEIFORM SIGN LAGAB-A TIMES KUSHU2-B;Lo;0;L;;;;N;;;;;
 12D6D;PROTO-CUNEIFORM SIGN LAGAB-A TIMES LAGAB-A;Lo;0;L;;;;N;;;;;
 12D6E;PROTO-CUNEIFORM SIGN LAGAB-A TIMES ME-A;Lo;0;L;;;;N;;;;;
 12D6F;PROTO-CUNEIFORM SIGN LAGAB-A TIMES NUN-B;Lo;0;L;;;;N;;;;;
 12D70;PROTO-CUNEIFORM SIGN LAGAB-A TIMES PA-A;Lo;0;L;;;;N;;;;;
 12D71;PROTO-CUNEIFORM SIGN LAGAB-A TIMES SHA;Lo;0;L;;;;N;;;;;
 12D72;PROTO-CUNEIFORM SIGN LAGAB-A TIMES SHITA-A1;Lo;0;L;;;;N;;;;;
 12D73;PROTO-CUNEIFORM SIGN LAGAB-A TIMES SI;Lo;0;L;;;;N;;;;;
 12D74;PROTO-CUNEIFORM SIGN LAGAB-A TIMES SIG7;Lo;0;L;;;;N;;;;;
 12D75;PROTO-CUNEIFORM SIGN LAGAB-A TIMES SU-A;Lo;0;L;;;;N;;;;;
 12D76;PROTO-CUNEIFORM SIGN LAGAB-A TIMES TI;Lo;0;L;;;;N;;;;;
 12D77;PROTO-CUNEIFORM SIGN LAGAB-A TIMES U4;Lo;0;L;;;;N;;;;;
 12D78;PROTO-CUNEIFORM SIGN LAGAB-A TIMES UB;Lo;0;L;;;;N;;;;;
 12D79;PROTO-CUNEIFORM SIGN LAGAB-A TIMES X;Lo;0;L;;;;N;;;;;
 12D7A;PROTO-CUNEIFORM SIGN LAGAB-A TIMES ZATU753;Lo;0;L;;;;N;;;;;
 12D7B;PROTO-CUNEIFORM SIGN LAGAB-B TIMES ONE-N1;Lo;0;L;;;;N;;;;;
 12D7C;PROTO-CUNEIFORM SIGN LAGAB-B TIMES BANSHUR-A;Lo;0;L;;;;N;;;;;
 12D7D;PROTO-CUNEIFORM SIGN LAGAB-B TIMES GAAR-A1;Lo;0;L;;;;N;;;;;
 12D7E;PROTO-CUNEIFORM SIGN LAGAB-B TIMES HI;Lo;0;L;;;;N;;;;;
 12D7F;PROTO-CUNEIFORM SIGN LAGAB-B TIMES KUR-E;Lo;0;L;;;;N;;;;;
 12D80;PROTO-CUNEIFORM SIGN LAGAB-B OVER LAGAB-B;Lo;0;L;;;;N;;;;;
 12D81;PROTO-CUNEIFORM SIGN LAGAB-B TIMES PA-A;Lo;0;L;;;;N;;;;;
 12D82;PROTO-CUNEIFORM SIGN LAGAB-B TIMES SHITA-C;Lo;0;L;;;;N;;;;;
 12D83;PROTO-CUNEIFORM SIGN LAGAB-B TIMES SI;Lo;0;L;;;;N;;;;;
 12D84;PROTO-CUNEIFORM SIGN LAGAB-B TIMES SUH3;Lo;0;L;;;;N;;;;;
 12D85;PROTO-CUNEIFORM SIGN LAGAB-B TIMES U4;Lo;0;L;;;;N;;;;;
 12D86;PROTO-CUNEIFORM SIGN LAGAB-B TIMES X;Lo;0;L;;;;N;;;;;
 12D87;PROTO-CUNEIFORM SIGN LAL2-A TIMES EZEN-A;Lo;0;L;;;;N;;;;;
 12D88;PROTO-CUNEIFORM SIGN LAL2-A TIMES NIM-B2;Lo;0;L;;;;N;;;;;
 12D89;PROTO-CUNEIFORM SIGN LU2 TIMES GESHTU-C3;Lo;0;L;;;;N;;;;;

12D8A;PROTO-CUNEIFORM SIGN MA TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12D8B;PROTO-CUNEIFORM SIGN MA TIMES TWO-N57;Lo;0;L;;;;;N;;;;;
 12D8C;PROTO-CUNEIFORM SIGN MA TIMES A;Lo;0;L;;;;;N;;;;;
 12D8D;PROTO-CUNEIFORM SIGN MA TIMES MA;Lo;0;L;;;;;N;;;;;
 12D8E;PROTO-CUNEIFORM SIGN MA TIMES X;Lo;0;L;;;;;N;;;;;
 12D8F;PROTO-CUNEIFORM SIGN MAH-A TIMES AB2;Lo;0;L;;;;;N;;;;;
 12D90;PROTO-CUNEIFORM SIGN MAH-A TIMES GUKKAL-A;Lo;0;L;;;;;N;;;;;
 12D91;PROTO-CUNEIFORM SIGN MAH-A TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12D92;PROTO-CUNEIFORM SIGN MAH-A TIMES MASH;Lo;0;L;;;;;N;;;;;
 12D93;PROTO-CUNEIFORM SIGN MAH-A TIMES NA-A;Lo;0;L;;;;;N;;;;;
 12D94;PROTO-CUNEIFORM SIGN MAH-A TIMES SILA3-A TIMES UMBIN-A;Lo;0;L;;;;;N;;;;;
 12D95;PROTO-CUNEIFORM SIGN MAH-A TIMES TUG2-A;Lo;0;L;;;;;N;;;;;
 12D96;PROTO-CUNEIFORM SIGN MAH-A TIMES UD5-A;Lo;0;L;;;;;N;;;;;
 12D97;PROTO-CUNEIFORM SIGN MAH-A TIMES UDU-A;Lo;0;L;;;;;N;;;;;
 12D98;PROTO-CUNEIFORM SIGN MAH-A TIMES UR-A;Lo;0;L;;;;;N;;;;;
 12D99;PROTO-CUNEIFORM SIGN MAH-A TIMES UTUA-A;Lo;0;L;;;;;N;;;;;
 12D9A;PROTO-CUNEIFORM SIGN MAH-A TIMES X;Lo;0;L;;;;;N;;;;;
 12D9B;PROTO-CUNEIFORM SIGN MAH-A TIMES ZATU659;Lo;0;L;;;;;N;;;;;
 12D9C;PROTO-CUNEIFORM SIGN MAH-B TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12D9D;PROTO-CUNEIFORM SIGN MAH-B TIMES MASH;Lo;0;L;;;;;N;;;;;
 12D9E;PROTO-CUNEIFORM SIGN MAH-B TIMES NA-A;Lo;0;L;;;;;N;;;;;
 12D9F;PROTO-CUNEIFORM SIGN MAH-B TIMES SAL;Lo;0;L;;;;;N;;;;;
 12DA0;PROTO-CUNEIFORM SIGN MAR-B TIMES LAGAB-B BESIDE SHE3;Lo;0;L;;;;;N;;;;;
 12DA1;PROTO-CUNEIFORM SIGN MAR-B TIMES SHE-A;Lo;0;L;;;;;N;;;;;
 12DA2;PROTO-CUNEIFORM SIGN MAR-B TIMES X;Lo;0;L;;;;;N;;;;;
 12DA3;PROTO-CUNEIFORM SIGN MUD3-A GUNU TIMES GU;Lo;0;L;;;;;N;;;;;
 12DA4;PROTO-CUNEIFORM SIGN MUSHEN TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12DA5;PROTO-CUNEIFORM SIGN MUSHEN TIMES TWO-N57;Lo;0;L;;;;;N;;;;;
 12DA6;PROTO-CUNEIFORM SIGN MUSHEN TIMES THREE-N57;Lo;0;L;;;;;N;;;;;
 12DA7;PROTO-CUNEIFORM SIGN MUSHEN TIMES PAP-A;Lo;0;L;;;;;N;;;;;
 12DA8;PROTO-CUNEIFORM SIGN MUSHEN BESIDE UR3-B2;Lo;0;L;;;;;N;;;;;
 12DA9;PROTO-CUNEIFORM SIGN MUSHEN TIMES X;Lo;0;L;;;;;N;;;;;
 12DAA;PROTO-CUNEIFORM SIGN NAGA-A TIMES TAK4-A;Lo;0;L;;;;;N;;;;;
 12DAB;PROTO-CUNEIFORM SIGN NAM2 TIMES ONE-N1;Lo;0;L;;;;;N;;;;;
 12DAC;PROTO-CUNEIFORM SIGN NI-A TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12DAD;PROTO-CUNEIFORM SIGN NI-A BESIDE RU;Lo;0;L;;;;;N;;;;;
 12DAE;PROTO-CUNEIFORM SIGN NI-B TIMES FOUR-N57;Lo;0;L;;;;;N;;;;;
 12DAF;PROTO-CUNEIFORM SIGN NI-B TIMES X;Lo;0;L;;;;;N;;;;;
 12DB0;PROTO-CUNEIFORM SIGN NINDA2 TIMES ONE-N1;Lo;0;L;;;;;N;;;;;
 12DB1;PROTO-CUNEIFORM SIGN NINDA2 TIMES ONE-N6;Lo;0;L;;;;;N;;;;;
 12DB2;PROTO-CUNEIFORM SIGN NINDA2 TIMES ONE-N8;Lo;0;L;;;;;N;;;;;
 12DB3;PROTO-CUNEIFORM SIGN NINDA2 TIMES TWO-N1;Lo;0;L;;;;;N;;;;;
 12DB4;PROTO-CUNEIFORM SIGN NINDA2 TIMES AN;Lo;0;L;;;;;N;;;;;
 12DB5;PROTO-CUNEIFORM SIGN NINDA2 TIMES AN BESIDE HI;Lo;0;L;;;;;N;;;;;
 12DB6;PROTO-CUNEIFORM SIGN NINDA2 TIMES AN BESIDE ME-A;Lo;0;L;;;;;N;;;;;
 12DB7;PROTO-CUNEIFORM SIGN NINDA2 TIMES AN BESIDE X;Lo;0;L;;;;;N;;;;;
 12DB8;PROTO-CUNEIFORM SIGN NINDA2 TIMES BA;Lo;0;L;;;;;N;;;;;
 12DB9;PROTO-CUNEIFORM SIGN NINDA2 TIMES EZEN-B;Lo;0;L;;;;;N;;;;;
 12DBA;PROTO-CUNEIFORM SIGN NINDA2 TIMES GAAR-A1;Lo;0;L;;;;;N;;;;;
 12DBB;PROTO-CUNEIFORM SIGN NINDA2 TIMES GAR;Lo;0;L;;;;;N;;;;;

12DBC;PROTO-CUNEIFORM SIGN NINDA2 TIMES GISH;Lo;0;L;;;;;N;;;;;
 12DBD;PROTO-CUNEIFORM SIGN NINDA2 TIMES GISH BESIDE DAR-A;Lo;0;L;;;;;N;;;;;
 12DBE;PROTO-CUNEIFORM SIGN NINDA2 TIMES GU4;Lo;0;L;;;;;N;;;;;
 12DBF;PROTO-CUNEIFORM SIGN NINDA2 TIMES GUDU4;Lo;0;L;;;;;N;;;;;
 12DC0;PROTO-CUNEIFORM SIGN NINDA2 TIMES GUDU4 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12DC1;PROTO-CUNEIFORM SIGN NINDA2 TIMES GUDU4 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12DC2;PROTO-CUNEIFORM SIGN NINDA2 TIMES GUDU4 VARIANT 3;Lo;0;L;;;;;N;;;;;
 12DC3;PROTO-CUNEIFORM SIGN NINDA2 TIMES HI;Lo;0;L;;;;;N;;;;;
 12DC4;PROTO-CUNEIFORM SIGN NINDA2 TIMES HI BESIDE AN BESIDE ME-A;Lo;0;L;;;;;N;;;;;
 12DC5;PROTO-CUNEIFORM SIGN NINDA2 TIMES HI BESIDE ME-A;Lo;0;L;;;;;N;;;;;
 12DC6;PROTO-CUNEIFORM SIGN NINDA2 TIMES HI BESIDE X;Lo;0;L;;;;;N;;;;;
 12DC7;PROTO-CUNEIFORM SIGN NINDA2 TIMES HI GUNU-A BESIDE ONE-N6;Lo;0;L;;;;;N;;;;;
 12DC8;PROTO-CUNEIFORM SIGN NINDA2 TIMES KASH-B;Lo;0;L;;;;;N;;;;;
 12DC9;PROTO-CUNEIFORM SIGN NINDA2 TIMES MAR-B;Lo;0;L;;;;;N;;;;;
 12DCA;PROTO-CUNEIFORM SIGN NINDA2 TIMES NE-A;Lo;0;L;;;;;N;;;;;
 12DCB;PROTO-CUNEIFORM SIGN NINDA2 TIMES SHIM-A;Lo;0;L;;;;;N;;;;;
 12DCC;PROTO-CUNEIFORM SIGN NINDA2 TIMES U4;Lo;0;L;;;;;N;;;;;
 12DCD;PROTO-CUNEIFORM SIGN NINDA2 TIMES U4 BESIDE X;Lo;0;L;;;;;N;;;;;
 12DCE;PROTO-CUNEIFORM SIGN NINDA2 TIMES UDU-A TIMES TAR FORM A;Lo;0;L;;;;;N;;;;;
 12DCF;PROTO-CUNEIFORM SIGN NINDA2 TIMES UDU-A TIMES TAR FORM B;Lo;0;L;;;;;N;;;;;
 12DD0;PROTO-CUNEIFORM SIGN NINDA2 TIMES X;Lo;0;L;;;;;N;;;;;
 12DD1;PROTO-CUNEIFORM SIGN NINDA2 TIMES X BESIDE MASH;Lo;0;L;;;;;N;;;;;
 12DD2;PROTO-CUNEIFORM SIGN NINDA2 TIMES ZATU659 TIMES ONE-N1;Lo;0;L;;;;;N;;;;;
 12DD3;PROTO-CUNEIFORM SIGN NIR-A TIMES AN;Lo;0;L;;;;;N;;;;;
 12DD4;PROTO-CUNEIFORM SIGN NU11 OVER NU11;Lo;0;L;;;;;N;;;;;
 12DD5;PROTO-CUNEIFORM SIGN NUN-A JOINING A;Lo;0;L;;;;;N;;;;;
 12DD6;PROTO-CUNEIFORM SIGN NUN-A JOINING EN-A;Lo;0;L;;;;;N;;;;;
 12DD7;PROTO-CUNEIFORM SIGN NUN-A JOINING EN-B;Lo;0;L;;;;;N;;;;;
 12DD8;PROTO-CUNEIFORM SIGN NUN-A JOINING EN-D;Lo;0;L;;;;;N;;;;;
 12DD9;PROTO-CUNEIFORM SIGN NUN-A JOINING NAM2;Lo;0;L;;;;;N;;;;;
 12DDA;PROTO-CUNEIFORM SIGN NUN-B JOINING EN-A;Lo;0;L;;;;;N;;;;;
 12ddb;PROTO-CUNEIFORM SIGN PIRIG-B1 TIMES UR2;Lo;0;L;;;;;N;;;;;
 12DDC;PROTO-CUNEIFORM SIGN SAG TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12DDD;PROTO-CUNEIFORM SIGN SAG TIMES GESHTU-A;Lo;0;L;;;;;N;;;;;
 12DDE;PROTO-CUNEIFORM SIGN SAG VARIANT 1 TIMES GESHTU-B;Lo;0;L;;;;;N;;;;;
 12DDF;PROTO-CUNEIFORM SIGN SAG TIMES GESHTU-B VARIANT 1;Lo;0;L;;;;;N;;;;;
 12DE0;PROTO-CUNEIFORM SIGN SAG TIMES GESHTU-C;Lo;0;L;;;;;N;;;;;
 12DE1;PROTO-CUNEIFORM SIGN SAG TIMES LAM-C;Lo;0;L;;;;;N;;;;;
 12DE2;PROTO-CUNEIFORM SIGN SAG TIMES MA;Lo;0;L;;;;;N;;;;;
 12DE3;PROTO-CUNEIFORM SIGN SAG TIMES SAR-A;Lo;0;L;;;;;N;;;;;
 12DE4;PROTO-CUNEIFORM SIGN SAL TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12DE5;PROTO-CUNEIFORM SIGN SAL BESIDE KUR-A;Lo;0;L;;;;;N;;;;;
 12DE6;PROTO-CUNEIFORM SIGN SAL BESIDE LAM-B;Lo;0;L;;;;;N;;;;;
 12DE7;PROTO-CUNEIFORM SIGN SAL BESIDE SHU2;Lo;0;L;;;;;N;;;;;
 12DE8;PROTO-CUNEIFORM SIGN SAR-A TIMES SHE-A;Lo;0;L;;;;;N;;;;;
 12DE9;PROTO-CUNEIFORM SIGN SHA TIMES HI GUNU-A FORM A;Lo;0;L;;;;;N;;;;;
 12DEA;PROTO-CUNEIFORM SIGN SHA TIMES HI GUNU-A FORM B;Lo;0;L;;;;;N;;;;;
 12DEB;PROTO-CUNEIFORM SIGN SHE-A BESIDE KIN2-C;Lo;0;L;;;;;N;;;;;
 12DEC;PROTO-CUNEIFORM SIGN SHE-A BESIDE NAM2;Lo;0;L;;;;;N;;;;;
 12DED;PROTO-CUNEIFORM SIGN SHE-A BESIDE NAM2 VARIANT 1;Lo;0;L;;;;;N;;;;;

12DEE;PROTO-CUNEIFORM SIGN SHE-A OVER SHE-A;Lo;0;L;;;;;N;;;;;
 12DEF;PROTO-CUNEIFORM SIGN SHEN-D TIMES A;Lo;0;L;;;;;N;;;;;
 12DF0;PROTO-CUNEIFORM SIGN SHITA-A1 TIMES ONE-N6;Lo;0;L;;;;;N;;;;;
 12DF1;PROTO-CUNEIFORM SIGN SHITA-A1 TIMES KAK-A;Lo;0;L;;;;;N;;;;;
 12DF2;PROTO-CUNEIFORM SIGN SHITA-A1 TIMES SHU;Lo;0;L;;;;;N;;;;;
 12DF3;PROTO-CUNEIFORM SIGN SHITA-A1 TIMES SHU2;Lo;0;L;;;;;N;;;;;
 12DF4;PROTO-CUNEIFORM SIGN SHITA-A1 TIMES UDU-A;Lo;0;L;;;;;N;;;;;
 12DF5;PROTO-CUNEIFORM SIGN SHITA-B1 TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12DF6;PROTO-CUNEIFORM SIGN SHITA-B3 TIMES NAM2;Lo;0;L;;;;;N;;;;;
 12DF7;PROTO-CUNEIFORM SIGN SHITA GUNU-A TIMES ONE-N4;Lo;0;L;;;;;N;;;;;
 12DF8;PROTO-CUNEIFORM SIGN SHITA GUNU-A TIMES ONE-N6;Lo;0;L;;;;;N;;;;;
 12DF9;PROTO-CUNEIFORM SIGN SHU TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12DFA;PROTO-CUNEIFORM SIGN SHU OVER SHU;Lo;0;L;;;;;N;;;;;
 12DFB;PROTO-CUNEIFORM SIGN SHU2 BESIDE ONE-N2;Lo;0;L;;;;;N;;;;;
 12DFC;PROTO-CUNEIFORM SIGN SHU2 BESIDE TWO-N57;Lo;0;L;;;;;N;;;;;
 12DFD;PROTO-CUNEIFORM SIGN SHU2 BESIDE AN;Lo;0;L;;;;;N;;;;;
 12DFE;PROTO-CUNEIFORM SIGN SHU2 BESIDE E2-A;Lo;0;L;;;;;N;;;;;
 12DFF;PROTO-CUNEIFORM SIGN SHU2 BESIDE E2-B;Lo;0;L;;;;;N;;;;;
 12E00;PROTO-CUNEIFORM SIGN SHU2 BESIDE EN-A;Lo;0;L;;;;;N;;;;;
 12E01;PROTO-CUNEIFORM SIGN SHU2 BESIDE EN-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12E02;PROTO-CUNEIFORM SIGN SHU2 BESIDE EN-B;Lo;0;L;;;;;N;;;;;
 12E03;PROTO-CUNEIFORM SIGN SHU2 BESIDE GISH;Lo;0;L;;;;;N;;;;;
 12E04;PROTO-CUNEIFORM SIGN SHU2 BESIDE HI TIMES ONE-N57 OVER HI TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12E05;PROTO-CUNEIFORM SIGN SHU2 BESIDE URI3-A;Lo;0;L;;;;;N;;;;;
 12E06;PROTO-CUNEIFORM SIGN SI TIMES GU4;Lo;0;L;;;;;N;;;;;
 12E07;PROTO-CUNEIFORM SIGN SI TIMES SHE3;Lo;0;L;;;;;N;;;;;
 12E08;PROTO-CUNEIFORM SIGN SIG TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12E09;PROTO-CUNEIFORM SIGN SIG2-B TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12E0A;PROTO-CUNEIFORM SIGN SIG2-B OVER SIG2-B;Lo;0;L;;;;;N;;;;;
 12E0B;PROTO-CUNEIFORM SIGN SILA3-A TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12E0C;PROTO-CUNEIFORM SIGN SILA3-A TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12E0D;PROTO-CUNEIFORM SIGN SILA3-A TIMES A;Lo;0;L;;;;;N;;;;;
 12E0E;PROTO-CUNEIFORM SIGN SILA3-A TIMES AMAR;Lo;0;L;;;;;N;;;;;
 12E0F;PROTO-CUNEIFORM SIGN SILA3-A TIMES DUG-A;Lo;0;L;;;;;N;;;;;
 12E10;PROTO-CUNEIFORM SIGN SILA3-A TIMES DUG-A VARIANT 1;Lo;0;L;;;;;N;;;;;
 12E11;PROTO-CUNEIFORM SIGN SILA3-A TIMES DUG-B;Lo;0;L;;;;;N;;;;;
 12E12;PROTO-CUNEIFORM SIGN SILA3-A TIMES GA-A;Lo;0;L;;;;;N;;;;;
 12E13;PROTO-CUNEIFORM SIGN SILA3-A TIMES GARA2-A;Lo;0;L;;;;;N;;;;;
 12E14;PROTO-CUNEIFORM SIGN SILA3-A TIMES GESHTU-A;Lo;0;L;;;;;N;;;;;
 12E15;PROTO-CUNEIFORM SIGN SILA3-A TIMES GESHTU-C3;Lo;0;L;;;;;N;;;;;
 12E16;PROTO-CUNEIFORM SIGN SILA3-A TIMES GESHTU-C5;Lo;0;L;;;;;N;;;;;
 12E17;PROTO-CUNEIFORM SIGN SILA3-A TIMES HASHHUR;Lo;0;L;;;;;N;;;;;
 12E18;PROTO-CUNEIFORM SIGN SILA3-A TIMES HI;Lo;0;L;;;;;N;;;;;
 12E19;PROTO-CUNEIFORM SIGN SILA3-A TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12E1A;PROTO-CUNEIFORM SIGN SILA3-A TIMES IB-A;Lo;0;L;;;;;N;;;;;
 12E1B;PROTO-CUNEIFORM SIGN SILA3-A TIMES KASH-A;Lo;0;L;;;;;N;;;;;
 12E1C;PROTO-CUNEIFORM SIGN SILA3-A TIMES KASH-C;Lo;0;L;;;;;N;;;;;
 12E1D;PROTO-CUNEIFORM SIGN SILA3-A TIMES KASH-D;Lo;0;L;;;;;N;;;;;
 12E1E;PROTO-CUNEIFORM SIGN SILA3-A TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12E1F;PROTO-CUNEIFORM SIGN SILA3-A TIMES KUR-A;Lo;0;L;;;;;N;;;;;

12E20;PROTO-CUNEIFORM SIGN SILA3-A TIMES MA;Lo;0;L;;;;;N;;;;;
 12E21;PROTO-CUNEIFORM SIGN SILA3-A TIMES MASH;Lo;0;L;;;;;N;;;;;
 12E22;PROTO-CUNEIFORM SIGN SILA3-A TIMES NAGA-A;Lo;0;L;;;;;N;;;;;
 12E23;PROTO-CUNEIFORM SIGN SILA3-A TIMES NI-A;Lo;0;L;;;;;N;;;;;
 12E24;PROTO-CUNEIFORM SIGN SILA3-A TIMES NUN-B;Lo;0;L;;;;;N;;;;;
 12E25;PROTO-CUNEIFORM SIGN SILA3-A TIMES SHE-A;Lo;0;L;;;;;N;;;;;
 12E26;PROTO-CUNEIFORM SIGN SILA3-A TIMES SHE-A TENU;Lo;0;L;;;;;N;;;;;
 12E27;PROTO-CUNEIFORM SIGN SILA3-A TIMES SHU;Lo;0;L;;;;;N;;;;;
 12E28;PROTO-CUNEIFORM SIGN SILA3-A TIMES SHU2;Lo;0;L;;;;;N;;;;;
 12E29;PROTO-CUNEIFORM SIGN SILA3-A TIMES SUHUR;Lo;0;L;;;;;N;;;;;
 12E2A;PROTO-CUNEIFORM SIGN SILA3-A TIMES SUM-A;Lo;0;L;;;;;N;;;;;
 12E2B;PROTO-CUNEIFORM SIGN SILA3-A TIMES SUM-B;Lo;0;L;;;;;N;;;;;
 12E2C;PROTO-CUNEIFORM SIGN SILA3-A TIMES X;Lo;0;L;;;;;N;;;;;
 12E2D;PROTO-CUNEIFORM SIGN SILA3-A TIMES ZATU629;Lo;0;L;;;;;N;;;;;
 12E2E;PROTO-CUNEIFORM SIGN SILA3-A TIMES ZATU646;Lo;0;L;;;;;N;;;;;
 12E2F;PROTO-CUNEIFORM SIGN SILA3-A TIMES ZATU659 BESIDE TU-C;Lo;0;L;;;;;N;;;;;
 12E30;PROTO-CUNEIFORM SIGN SILA3-B TIMES DUG-A;Lo;0;L;;;;;N;;;;;
 12E31;PROTO-CUNEIFORM SIGN SILA3-B TIMES GUG2;Lo;0;L;;;;;N;;;;;
 12E32;PROTO-CUNEIFORM SIGN SILA3-B TIMES NAGA-B;Lo;0;L;;;;;N;;;;;
 12E33;PROTO-CUNEIFORM SIGN SILA3-B TIMES NI-A;Lo;0;L;;;;;N;;;;;
 12E34;PROTO-CUNEIFORM SIGN SILA3-B TIMES NI-B;Lo;0;L;;;;;N;;;;;
 12E35;PROTO-CUNEIFORM SIGN SILA3-C TIMES SHU;Lo;0;L;;;;;N;;;;;
 12E36;PROTO-CUNEIFORM SIGN SILA3-C TIMES ZATU687;Lo;0;L;;;;;N;;;;;
 12E37;PROTO-CUNEIFORM SIGN SILA3-D TIMES NI-A;Lo;0;L;;;;;N;;;;;
 12E38;PROTO-CUNEIFORM SIGN SU-A TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12E39;PROTO-CUNEIFORM SIGN SUKUD JOINING SUKUD FORM A;Lo;0;L;;;;;N;;;;;
 12E3A;PROTO-CUNEIFORM SIGN SUKUD JOINING SUKUD FORM B;Lo;0;L;;;;;N;;;;;
 12E3B;PROTO-CUNEIFORM SIGN SUKUD JOINING SUKUD FORM C;Lo;0;L;;;;;N;;;;;
 12E3C;PROTO-CUNEIFORM SIGN SUKUD JOINING SUKUD FORM D;Lo;0;L;;;;;N;;;;;
 12E3D;PROTO-CUNEIFORM SIGN TA-D TIMES MASH;Lo;0;L;;;;;N;;;;;
 12E3E;PROTO-CUNEIFORM SIGN TUG2-A BESIDE BAD OVER BAD;Lo;0;L;;;;;N;;;;;
 12E3F;PROTO-CUNEIFORM SIGN TUR TIMES X;Lo;0;L;;;;;N;;;;;
 12E40;PROTO-CUNEIFORM SIGN TUR3-B TIMES TAK4-A;Lo;0;L;;;;;N;;;;;
 12E41;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N1;Lo;0;L;;;;;N;;;;;
 12E42;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N1 BESIDE FIVE-N8;Lo;0;L;;;;;N;;;;;
 12E43;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N1 FLAT;Lo;0;L;;;;;N;;;;;
 12E44;PROTO-CUNEIFORM SIGN U4 BESIDE ONE-N8;Lo;0;L;;;;;N;;;;;
 12E45;PROTO-CUNEIFORM SIGN U4 BESIDE ONE-N14;Lo;0;L;;;;;N;;;;;
 12E46;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12E47;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N14 BESIDE TWO-N1;Lo;0;L;;;;;N;;;;;
 12E48;PROTO-CUNEIFORM SIGN U4 BESIDE ONE-N14 BESIDE THREE-N8;Lo;0;L;;;;;N;;;;;
 12E49;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N14 BESIDE FOUR-N1;Lo;0;L;;;;;N;;;;;
 12E4A;PROTO-CUNEIFORM SIGN U4 BESIDE ONE-N14 BESIDE FOUR-N8;Lo;0;L;;;;;N;;;;;
 12E4B;PROTO-CUNEIFORM SIGN U4 BESIDE ONE-N14 BESIDE FIVE-N8;Lo;0;L;;;;;N;;;;;
 12E4C;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N14 BESIDE EIGHT-N1;Lo;0;L;;;;;N;;;;;
 12E4D;PROTO-CUNEIFORM SIGN U4 BESIDE ONE-N14 BESIDE EIGHT-N8;Lo;0;L;;;;;N;;;;;
 12E4E;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12E4F;PROTO-CUNEIFORM SIGN U4 TIMES ONE-N58 TENU;Lo;0;L;;;;;N;;;;;
 12E50;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N1;Lo;0;L;;;;;N;;;;;
 12E51;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N1 BESIDE TWO-N14;Lo;0;L;;;;;N;;;;;

12E52;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N1 BESIDE TWO-N14 BESIDE ONE-N8;Lo;0;L;;;;;N;;;;;
 12E53;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N1 BESIDE X;Lo;0;L;;;;;N;;;;;
 12E54;PROTO-CUNEIFORM SIGN U4 BESIDE TWO-N8;Lo;0;L;;;;;N;;;;;
 12E55;PROTO-CUNEIFORM SIGN U4 BESIDE TWO-N14;Lo;0;L;;;;;N;;;;;
 12E56;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N14;Lo;0;L;;;;;N;;;;;
 12E57;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N14 BESIDE FOUR-N1;Lo;0;L;;;;;N;;;;;
 12E58;PROTO-CUNEIFORM SIGN U4 TIMES TWO-N57;Lo;0;L;;;;;N;;;;;
 12E59;PROTO-CUNEIFORM SIGN U4 TIMES THREE-N1;Lo;0;L;;;;;N;;;;;
 12E5A;PROTO-CUNEIFORM SIGN U4 TIMES THREE-N1 BESIDE THREE-N8;Lo;0;L;;;;;N;;;;;
 12E5B;PROTO-CUNEIFORM SIGN U4 BESIDE THREE-N8;Lo;0;L;;;;;N;;;;;
 12E5C;PROTO-CUNEIFORM SIGN U4 TIMES THREE-N14 BESIDE TWO-N1;Lo;0;L;;;;;N;;;;;
 12E5D;PROTO-CUNEIFORM SIGN U4 TIMES THREE-N14 BESIDE SEVEN-N1;Lo;0;L;;;;;N;;;;;
 12E5E;PROTO-CUNEIFORM SIGN U4 TIMES THREE-N57;Lo;0;L;;;;;N;;;;;
 12E5F;PROTO-CUNEIFORM SIGN U4 TIMES FOUR-N1;Lo;0;L;;;;;N;;;;;
 12E60;PROTO-CUNEIFORM SIGN U4 TIMES FOUR-N1 BESIDE TWO-N14;Lo;0;L;;;;;N;;;;;
 12E61;PROTO-CUNEIFORM SIGN U4 BESIDE FOUR-N8;Lo;0;L;;;;;N;;;;;
 12E62;PROTO-CUNEIFORM SIGN U4 TIMES FOUR-N57;Lo;0;L;;;;;N;;;;;
 12E63;PROTO-CUNEIFORM SIGN U4 TIMES FIVE-N1;Lo;0;L;;;;;N;;;;;
 12E64;PROTO-CUNEIFORM SIGN U4 TIMES FIVE-N1 BESIDE ONE-N14;Lo;0;L;;;;;N;;;;;
 12E65;PROTO-CUNEIFORM SIGN U4 BESIDE FIVE-N8;Lo;0;L;;;;;N;;;;;
 12E66;PROTO-CUNEIFORM SIGN U4 TIMES FIVE-N57;Lo;0;L;;;;;N;;;;;
 12E67;PROTO-CUNEIFORM SIGN U4 TIMES SIX-N1;Lo;0;L;;;;;N;;;;;
 12E68;PROTO-CUNEIFORM SIGN U4 BESIDE SIX-N8;Lo;0;L;;;;;N;;;;;
 12E69;PROTO-CUNEIFORM SIGN U4 TIMES SIX-N57;Lo;0;L;;;;;N;;;;;
 12E6A;PROTO-CUNEIFORM SIGN U4 BESIDE SEVEN-N8;Lo;0;L;;;;;N;;;;;
 12E6B;PROTO-CUNEIFORM SIGN U4 TIMES SEVEN-N57;Lo;0;L;;;;;N;;;;;
 12E6C;PROTO-CUNEIFORM SIGN U4 TIMES EIGHT-N1;Lo;0;L;;;;;N;;;;;
 12E6D;PROTO-CUNEIFORM SIGN U4 TIMES EIGHT-N1 BESIDE X;Lo;0;L;;;;;N;;;;;
 12E6E;PROTO-CUNEIFORM SIGN U4 BESIDE EIGHT-N8;Lo;0;L;;;;;N;;;;;
 12E6F;PROTO-CUNEIFORM SIGN U4 TIMES EIGHT-N57;Lo;0;L;;;;;N;;;;;
 12E70;PROTO-CUNEIFORM SIGN U4 TIMES TEN-N57;Lo;0;L;;;;;N;;;;;
 12E71;PROTO-CUNEIFORM SIGN U4 TIMES X-N1;Lo;0;L;;;;;N;;;;;
 12E72;PROTO-CUNEIFORM SIGN U4 BESIDE SHU2;Lo;0;L;;;;;N;;;;;
 12E73;PROTO-CUNEIFORM SIGN U4 TIMES X;Lo;0;L;;;;;N;;;;;
 12E74;PROTO-CUNEIFORM SIGN U4 TIMES X JOINING TWO-N1;Lo;0;L;;;;;N;;;;;
 12E75;PROTO-CUNEIFORM SIGN U8 TIMES TAR FORM B;Lo;0;L;;;;;N;;;;;
 12E76;PROTO-CUNEIFORM SIGN UDU-A TIMES TAR FORM A;Lo;0;L;;;;;N;;;;;
 12E77;PROTO-CUNEIFORM SIGN UDU-A TIMES TAR FORM B;Lo;0;L;;;;;N;;;;;
 12E78;PROTO-CUNEIFORM SIGN UKKIN-B TIMES TWO-N1;Lo;0;L;;;;;N;;;;;
 12E79;PROTO-CUNEIFORM SIGN UKKIN-B TIMES THREE-N1;Lo;0;L;;;;;N;;;;;
 12E7A;PROTO-CUNEIFORM SIGN UKKIN-B TIMES FIVE-N1;Lo;0;L;;;;;N;;;;;
 12E7B;PROTO-CUNEIFORM SIGN UKKIN-B TIMES DIN;Lo;0;L;;;;;N;;;;;
 12E7C;PROTO-CUNEIFORM SIGN UKKIN-B TIMES DIN BESIDE ONE-N1;Lo;0;L;;;;;N;;;;;
 12E7D;PROTO-CUNEIFORM SIGN UKKIN-B TIMES DUG-A;Lo;0;L;;;;;N;;;;;
 12E7E;PROTO-CUNEIFORM SIGN UKKIN-B TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12E7F;PROTO-CUNEIFORM SIGN UKKIN-B TIMES NI-A;Lo;0;L;;;;;N;;;;;
 12E80;PROTO-CUNEIFORM SIGN UKKIN-B TIMES X;Lo;0;L;;;;;N;;;;;
 12E81;PROTO-CUNEIFORM SIGN UNUG-A TIMES A TENU;Lo;0;L;;;;;N;;;;;
 12E82;PROTO-CUNEIFORM SIGN UR-A TIMES KAR2;Lo;0;L;;;;;N;;;;;
 12E83;PROTO-CUNEIFORM SIGN UR2 TIMES ONE-N57;Lo;0;L;;;;;N;;;;;

12E84;PROTO-CUNEIFORM SIGN UR2 TIMES TAR;Lo;0;L;;;;;N;;;;;
 12E85;PROTO-CUNEIFORM SIGN UR3-B1 TIMES MASH;Lo;0;L;;;;;N;;;;;
 12E86;PROTO-CUNEIFORM SIGN URI3-A JOINING IB-A;Lo;0;L;;;;;N;;;;;
 12E87;PROTO-CUNEIFORM SIGN URU-A1 TIMES ONE-N57;Lo;0;L;;;;;N;;;;;
 12E88;PROTO-CUNEIFORM SIGN URU-A1 TIMES TWO-N57;Lo;0;L;;;;;N;;;;;
 12E89;PROTO-CUNEIFORM SIGN URU-A1 TIMES A;Lo;0;L;;;;;N;;;;;
 12E8A;PROTO-CUNEIFORM SIGN URU-A1 TIMES AMAR;Lo;0;L;;;;;N;;;;;
 12E8B;PROTO-CUNEIFORM SIGN URU-A1 TIMES GU4;Lo;0;L;;;;;N;;;;;
 12E8C;PROTO-CUNEIFORM SIGN URU-A1 TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12E8D;PROTO-CUNEIFORM SIGN URU-A1 TIMES NIMGIR;Lo;0;L;;;;;N;;;;;
 12E8E;PROTO-CUNEIFORM SIGN URU-A1 TIMES U4;Lo;0;L;;;;;N;;;;;
 12E8F;PROTO-CUNEIFORM SIGN URU-A1 TIMES X;Lo;0;L;;;;;N;;;;;
 12E90;PROTO-CUNEIFORM SIGN URU-A2 TIMES ONE-N58;Lo;0;L;;;;;N;;;;;
 12E91;PROTO-CUNEIFORM SIGN URU-A3 TIMES KALAM-A;Lo;0;L;;;;;N;;;;;
 12E92;PROTO-CUNEIFORM SIGN USH-A OVER USH-A;Lo;0;L;;;;;N;;;;;
 12E93;PROTO-CUNEIFORM SIGN USH-B TIMES TAR-C;Lo;0;L;;;;;N;;;;;
 12E94;PROTO-CUNEIFORM SIGN USH-B TIMES TAR-C VARIANT 1;Lo;0;L;;;;;N;;;;;
 12E95;PROTO-CUNEIFORM SIGN USH-B TIMES TAR-D;Lo;0;L;;;;;N;;;;;
 12E96;PROTO-CUNEIFORM SIGN USH-B OVER USH-B;Lo;0;L;;;;;N;;;;;
 12E97;PROTO-CUNEIFORM SIGN ZATU644-A TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12E98;PROTO-CUNEIFORM SIGN ZATU651 TIMES AN;Lo;0;L;;;;;N;;;;;
 12E99;PROTO-CUNEIFORM SIGN ZATU651 TIMES EN-A;Lo;0;L;;;;;N;;;;;
 12E9A;PROTO-CUNEIFORM SIGN ZATU651 TIMES GAR;Lo;0;L;;;;;N;;;;;
 12E9B;PROTO-CUNEIFORM SIGN ZATU651 TIMES MA;Lo;0;L;;;;;N;;;;;
 12E9C;PROTO-CUNEIFORM SIGN ZATU651 TIMES NUN-A;Lo;0;L;;;;;N;;;;;
 12E9D;PROTO-CUNEIFORM SIGN ZATU651 TIMES SHE-A;Lo;0;L;;;;;N;;;;;
 12E9E;PROTO-CUNEIFORM SIGN ZATU651 TIMES X;Lo;0;L;;;;;N;;;;;
 12E9F;PROTO-CUNEIFORM SIGN ZATU651 TIMES ZAR-C;Lo;0;L;;;;;N;;;;;
 12EA0;PROTO-CUNEIFORM SIGN ZATU659 TIMES ONE-N1;Lo;0;L;;;;;N;;;;;
 12EA1;PROTO-CUNEIFORM SIGN ZATU659 TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12EA2;PROTO-CUNEIFORM SIGN ZATU659 TIMES ONE-N58 TENU;Lo;0;L;;;;;N;;;;;
 12EA3;PROTO-CUNEIFORM SIGN ZATU662 TIMES ONE-N14;Lo;0;L;;;;;N;;;;;
 12EA4;PROTO-CUNEIFORM SIGN ZATU662 TIMES ONE-N14 VARIANT 1;Lo;0;L;;;;;N;;;;;
 12EA5;PROTO-CUNEIFORM SIGN ZATU662 TIMES ONE-N14 VARIANT 2;Lo;0;L;;;;;N;;;;;
 12EA6;PROTO-CUNEIFORM SIGN ZATU711 TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12EA7;PROTO-CUNEIFORM SIGN ZATU711 TIMES X;Lo;0;L;;;;;N;;;;;
 12EA8;PROTO-CUNEIFORM SIGN ZATU714 TIMES HI GUNU-A;Lo;0;L;;;;;N;;;;;
 12EA9;PROTO-CUNEIFORM SIGN ZATU714 BESIDE RU;Lo;0;L;;;;;N;;;;;
 12EAA;PROTO-CUNEIFORM SIGN ZATU714 TIMES X;Lo;0;L;;;;;N;;;;;
 12EAB;PROTO-CUNEIFORM SIGN ZATU737 TIMES AB-A;Lo;0;L;;;;;N;;;;;
 12EAC;PROTO-CUNEIFORM SIGN ZATU737 TIMES BU-A;Lo;0;L;;;;;N;;;;;
 12EAD;PROTO-CUNEIFORM SIGN ZATU737 TIMES BUR-A;Lo;0;L;;;;;N;;;;;
 12EAE;PROTO-CUNEIFORM SIGN ZATU737 TIMES DI;Lo;0;L;;;;;N;;;;;
 12EAF;PROTO-CUNEIFORM SIGN ZATU737 VARIANT 2 TIMES DI;Lo;0;L;;;;;N;;;;;
 12EB0;PROTO-CUNEIFORM SIGN ZATU737 TIMES E-A;Lo;0;L;;;;;N;;;;;
 12EB1;PROTO-CUNEIFORM SIGN ZATU737 TIMES EN-A;Lo;0;L;;;;;N;;;;;
 12EB2;PROTO-CUNEIFORM SIGN ZATU737 TIMES EN-B;Lo;0;L;;;;;N;;;;;
 12EB3;PROTO-CUNEIFORM SIGN ZATU737 TIMES GAR;Lo;0;L;;;;;N;;;;;
 12EB4;PROTO-CUNEIFORM SIGN ZATU737 TIMES GAR VARIANT 1;Lo;0;L;;;;;N;;;;;
 12EB5;PROTO-CUNEIFORM SIGN ZATU737 TIMES NI-A GUNU;Lo;0;L;;;;;N;;;;;

12EB6;PROTO-CUNEIFORM SIGN ZATU737 TIMES NIMGIR;Lo;0;L;;;;;N;;;;;
 12EB7;PROTO-CUNEIFORM SIGN ZATU737 TIMES SAL;Lo;0;L;;;;;N;;;;;
 12EB8;PROTO-CUNEIFORM SIGN ZATU737 TIMES SHE-A;Lo;0;L;;;;;N;;;;;
 12EB9;PROTO-CUNEIFORM SIGN ZATU737 TIMES SHITA-A1;Lo;0;L;;;;;N;;;;;
 12EBA;PROTO-CUNEIFORM SIGN ZATU737 TIMES SHITA GUNU-A;Lo;0;L;;;;;N;;;;;
 12EBB;PROTO-CUNEIFORM SIGN ZATU737 TIMES SU-A;Lo;0;L;;;;;N;;;;;
 12EBC;PROTO-CUNEIFORM SIGN ZATU737 TIMES U4;Lo;0;L;;;;;N;;;;;
 12EBD;PROTO-CUNEIFORM SIGN ZATU737 TIMES UNUG-A;Lo;0;L;;;;;N;;;;;
 12EBE;PROTO-CUNEIFORM SIGN ZATU737 TIMES X;Lo;0;L;;;;;N;;;;;
 12EBF;PROTO-CUNEIFORM SIGN ZATU759 TIMES KU6-A;Lo;0;L;;;;;N;;;;;
 12EC0;PROTO-CUNEIFORM SIGN ZATU759 TIMES KU6-A JOINING KU6-A;Lo;0;L;;;;;N;;;;;
 12EC1;PROTO-CUNEIFORM SIGN ZATU759 TIMES KU6-D;Lo;0;L;;;;;N;;;;;
 12EC2;PROTO-CUNEIFORM SIGN ZATU759 TIMES X;Lo;0;L;;;;;N;;;;;
 12EC3;PROTO-CUNEIFORM SIGN ZATU759 TENU TIMES X;Lo;0;L;;;;;N;;;;;
 12EC4;PROTO-CUNEIFORM SIGN ZATU762-A TIMES NIM-A;Lo;0;L;;;;;N;;;;;
 12EC5;PROTO-CUNEIFORM SIGN ZATU762-B TIMES AB-A;Lo;0;L;;;;;N;;;;;
 12EC6;PROTO-CUNEIFORM SIGN ZU OVER ZU BESIDE SAR-A;Lo;0;L;;;;;N;;;;;

Linebreaking Properties: Linebreak.txt

12580..126E6;AL # N1 [359] PROTO-CUNEIFORM NUMBER ONE-N1..
 PROTO-CUNEIFORM NUMBER TWELVE-N58
 126E7..12EC6;AL # N1 [2016] PROTO-CUNEIFORM SIGN A..
 PROTO-CUNEIFORM SIGN ZU OVER ZU BESIDE SAR-A

11 References

- Englund, Robert K. 2004. “Proto-Cuneiform Account-Books and Journals”. *Creating Economic Order: Record-keeping, Standardization and the Development of Accounting in the Ancient Near East*, Michael Hudson and Cornelia Wunsch [eds.], pp. 23–46. Bethesda, Maryland: CDL Press.
<http://cdli.ucla.edu/staff/englund/publications/englund2004a.pdf>
- Everson, Michael; Feuerherm, Karljürgen. 2003. “Basic principles for the encoding of Sumero-Akkadian Cuneiform” (WG2 N2585, L2/03-162).
<http://www.unicode.org/L2/L2003/03162-n2585-cuneiform.pdf>
- Everson, Michael; Hawkins, Laura F. 2016. “Preliminary proposal to encode Proto-Cuneiform in the SMP of the UCS” (WG2 N4760, L2/16-267)
<http://www.unicode.org/L2/L2016/16267-n4760-proto-cuneiform.pdf>
- . 2017. “Proposal to encode Proto-Cuneiform in the SMP of the UCS” (WG2 N4797, L2/17-157)
<http://www.unicode.org/L2/L2017/17157-n4797-proto-cuneiform.pdf>
- Hawkins, Laura. 2019. “Proposal to Encode Proto-Cuneiform in the SMP of the UCS” (L2/19-284)
<http://www.unicode.org/L2/L2019/19284-proto-cuneiform.pdf>
- Nissen, Hans-Jörg; Damerow, Peter; Englund, Robert K. 1993. *Archaic Bookkeeping: Early Writing and Techniques of Economic Administration in the Ancient Near East*. Chicago: University of Chicago Press.

Pandey, Anshuman. 2021. “Preliminary proposal to encode Proto-Cuneiform in Unicode” (L2/20-193)

<https://www.unicode.org/L2/L2020/20193-proto-cuneiform.pdf>

———. 2022. “Revised proposal to encode Proto-Cuneiform in Unicode” (L2/22-239)

<https://www.unicode.org/L2/L2022/22239-proto-cuneiform.pdf>

Woods, Christopher; Emberling, Geoff; Teeter, Emily. 2010. *Visible Language: Inventions of Writing in the Ancient Middle East and Beyond*. Chicago: Oriental Institute of the University of Chicago.

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In the second text (fig. 37), the quantities for both products are further differentiated according to an additional criterion. In this case, the respective entries are followed by the signs NAGA (𒀭) and DUB (𒅗), the meanings of which are, however, not understood. The summations are formed in two consecutive steps. In the first step, the amounts of barley groats and malt are added together separately, then the grand total of all entries was calculated.

In this text as well, the scribe made a mistake in his totals. In adding both quantities of malt, he forgot to include the four units 𒄠 in the subtotal.

Calculations in the Production of Beer and Other Cereal Products

One of the most important texts of the Erlenmeyer collection (MSVO 3, 2, fig. 38) discloses exceptional information about the use of the cereal products accounted for by Kushim. A scribe, probably a staff member of Kushim's office, had noted down his calculations pertaining to the exact ingredients required for nine different cereal products and eight different kinds of beer in a tabular compilation. Some of the products are noted with the respective amounts of cereals contained in them. These ingredients are denoted by the signs 𒀭, 𒀮, 𒀯, 𒀰, 𒀱, and 𒀲. Others are denoted by more specific ideograms such as 𒀳 and 𒀴. In this text, five different numerical systems were used (see chap. 6), the bisexagesimal system for the cereal products, the sexagesimal system for the beer containers, and three different systems for the measures of cereals. One of the latter was used for the specification of the quantities of the cereal ingredients contained in the products; the other two are those already discussed in connection with barley groats and malt. Not only the formal aspects of the compilation but also the fact that it is unsigned reveals that the text represents some sort of supplementary annotation to the proper administrative documents. Such documents have often been regarded as school texts, although the available documents from the administrative archive of Kushim now clearly testify that such calculations were part of regular administrative practice.

Texts containing calculations of the cereal ingredients needed for certain products belong to the most complicated arithmetical texts of the archaic period. To date, only a very few texts have been found in which such calculations were systematically carried out for various cereal products, for types of beer and so on. We know of only one text (now in the Iraq Museum, Baghdad) with features comparable to those of text MSVO 3, 2. One of the remarkable things about these texts is that they inform us directly about the ingredients of different cereal products. In fact, it was the study of such texts that provided the basic proofs for the decipherment of the cereal measures used in the present publication. Their special value is also to be seen in the light they shed on

the developmental stage of arithmetical techniques in the period immediately after the invention of writing.

The structure of the calculations is demonstrated by the following three examples taken from the text in question.

1. The fourth line in the first column records an amount of barley groats needed for the production of 30 units of the final cereal product (represented by the triple repetition of the sign 𒀭, the sign normally used for "10"). The final product is represented by the numerical sign 𒄠. The total amount of barley groats needed, which is represented by the sign combination 𒄠 𒄠, is obtained when 𒄠 is multiplied by 30.
2. The seventh line of the first column informs us about how much barley groats and malt (in this case equal amounts of both products) was needed for the production of five jars with a type of beer, represented by the signs 𒀭 𒀮. This line, therefore, documents the composition of this type of beer.
3. In the fifth line of the second column, the equivalent amount of barley for 1800 daily cereal rations (sign 𒄠) was calculated. The use of the sign 𒄠 points therefore to the size of such rations (approximately 0.8 liter). The figure 1800 is rendered in the bisexagesimal system, containing the sign 𒄠 for 1200 and 𒄠 for 120, which was used exclusively to quantify cereal products.

As in many other cases the present text contains an error. For a unit of the cereal product 𒀭 the scribe had written in the first text line sign 𒀭, corresponding to ten times the necessary amount of the ingredient barley groats. Although this calculation is a fairly easy one, and the remaining, more complicated calculations seem to be otherwise correct, we must assume that the detected error is merely due to a mental lapse on the part of the scribe. For the correct reading, one has to replace the sign for "one" (𒀭) with the sign denoting "ten" (𒀮).

Beer Production and Accounts of Cereal Ingredients

Finally, the documents from the administration of the official Kushim provide a rare example of a direct accounting connection between different texts. During the archaic period, running accounts apparently already existed. However, the texts are so fragmentary that the continuity of such accounts can only very rarely be traced. It should therefore be viewed as an unusual coincidence that two texts from the Erlenmeyer collection refer at two different stages to one and the same transaction, thereby clearly documenting the continuity of archaic bookkeeping as a whole.

Text MSVO 3, 6 (fig. 39b) documents the production of beer for four administration officials, among them a person with the

Figure 1: Examples of Proto-Cuneiform signs used in running text (from Nissen, Damerow, Englund 1993: 43).

2. THE EARLIEST MESOPOTAMIAN WRITING

THE WRITING SYSTEM AND ITS
RELATIONSHIP TO SPEECH

At the root of the cuneiform writing system, as originally conceived, is the logogram, or word sign, which represents a single word or group of semantically related words (see fig. 2.5). Assigning semantically related words to a common graph was done in the interest of economy, as it limited the number of signs the writing system required and facilitated the learning of the script. For instance, the sign DU, originally a pictograph of a foot, , expressed the verbs *gen* “to go,” *gub* “to stand,” and *de* “to carry,” all of which share a transparent semantic relationship. Taken in isolation, one would be tempted to describe DU, and similar signs, as ideograms — signs that represent ideas or concepts — but in actuality all cuneiform signs represented specific words in a given context, and so functioned as logograms.

As Sumerian words tend to consist of (but are not exclusively) single syllables, logograms had both a semantic meaning, as representing words, as well as a phonetic value, expressing the syllabic pronunciations of those words. For example, the logogram represented by the graph KU₆ (the subscripted number is a modern convention for distinguishing homophonous signs), , has the meaning “fish” as well as the syllabic value *ku*, which is the pronunciation of the word for “fish” in Sumerian. As described above, many of these logograms had a clear pictographic relationship to their referents; other examples include the picture of a reed,  (GI₄), for the Sumerian word for “reed,” that is, *gi*, or the graph for “mountain,”  (KUR), for the word for “mountain,” *kur*. A much smaller group of logograms, however, had an arbitrary relationship to their referents, such as the sign for “sheep and goats” which consisted of a cross inscribed within a circle,  (e.g., Catalog No. 28). Through the use of the rebus principle, whereby a sign for one word could be used to express a homonym, a second class of signs arose — phonograms — which possessed sound but not meaning. That is, the phonetic value associated with one word, most often something with a ready iconic representation, could be used to write another word that was identical or nearly so in pronunciation. The rebus principle is integral to writing, as it allows for the representation of those elements of language that are not easily

represented graphically, for instance, grammatical affixes, prepositions, and — of considerable importance to the historical development of cuneiform — the phonetic rendering of personal names and foreign words. The high frequency of monosyllabic words and homonyms in Sumerian clearly facilitated this development. For instance, in later cuneiform the sign for *sar* “garden” (originally a pictograph of a garden bed, ) could be used to write the homophonous but more abstract verb *sar* “to write”; similarly, the sign originally representing “water,” , *a* in Sumerian, was used for the syllable *a*, which among other things was the phonetic shape of the locative case in Sumerian. Finally, there is a third, smaller set of signs that are referred to as determinatives. These signs were not read, but merely served as aides in reading by indicating the semantic class to which certain words belonged; trees and wooden objects, for instance, were often preceded by the logogram, *giš*, for “wood,” cities by *uru* “city,” gods by *dingir* “god,” and so on.

In its original conception, however, Sumerian writing relied almost exclusively on the logogram. Phonetic writings generated via the rebus principle played a remarkably minor role in proto-cuneiform. More certain examples of phonetic writings include: the writing of the name of the moon god, Nanna, which is written URI₃+NA,  NA, , where NA, , is phonetic complement with the value *na* indicating that the graph URI₃, , is to be pronounced *nanna*; PIRIG+NUNUZ,  , where the complement NUNUZ, , has the value *za*, indicating that the composite graph has the phonetic value *az(a)*; the aforementioned sign designating a reed,  (GI₄), pronounced *gi*, is used to express the homophonous verb *gi* “to return”; and the syllabic, that is phonetic, spellings of the city names *Ša₃-bu* and *Gir₂-su* (Englund 2009, pp. 9–10; Krebernik 2007, p. 43). Relatively rare attestations of this kind notwithstanding, phonetic writings do not constitute an important organizing feature of the proto-cuneiform writing system. Only in the first quarter of the third millennium did phonograms, generated via the rebus principle, begin to play a significant and increasing role.

The scarcity of phonetic writings creates a number of problems connected with identifying the language of the script and determining whether proto-cuneiform can be defined as “true” writing.

Figure 2: Examples of Proto-Cuneiform signs used in running text (from Woods, Emberling, Teeter 2010: 43).