

A Dravidian decipherment Indus script

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We only sketch some brief outlines here. Details will be presented in a separate independent development by M.V.Bhaskar (MVB). This publication is for feedback and further elucidation on the basic decipherment for larger community of enthusiast out there in the world.

Important documents for understanding Indus script is the corpus created by Asko Parbola and [Iravadham Mahadevan's concordance](#) work. We also need the [Dravidian Etymological Dictionary](#) by Burrow and Emeneau. Please download the two PDFs from Internet Archive and you should be ready. There are two excellent software versions of these PDFs: [Iravadham Mahadevan's concordance](#) maintained by Roja Muthiah Research Library and [Dravidian Etymological Dictionary](#) maintained by Digital South Asia Library of the Chicago University. Another rich source of conjectures and data is the great work of Bryan Wells: [The Archaeology and Epigraphy of Indus Writing, Archaeopress, 2025](#), who also has an excellent online database.

If you want to write documents with Indus signs then you need Asko Parbola's NFM Indus Script font. This document was written in that font, a lovely gift from MVB to me. Now on to the beautiful discovery of the decipherment.

The decipherment became possible with the arrival of the splendid work by MVB in Sasanam: M.V. பாஸ்கர் (Bhaskar), அன்றைய தலைப்பு செய்திகள் (Yesterday's headlines), சிந்துவெளி நாகரீக சிறப்பு வெளியீடு (Indus Valley Civilization Special Issue), கிருஷ்ணகிரி மாவட்ட வரலாற்று ஆய்வு மையம் (Krishnagiri District History Research Center), சாசனம் (Sasanam), 2025.

This laid down the map that lead to all the linkage between graphics and the text, building this beautiful journey of discovery enabled by M.V. Bhaskar, with whom I have been working for the past several years. My learning in art, Brahmi and Indus Script derived from his interactions.

Numbers

Numbers are treated separately, but they are just like other glyphs, easily welded and affixed to other glyphs, producing a plethora of possibilities.

M77 Sign	Glyph	Syllable	DED	Description	Tamil
86	|	onn-, mu-, muthal-		one, primary	முதல், -ல், ஒண்ணு
87	||	ra-, ir-, iru-	474	two	ர-, இர்-, இரு-
89	|||	mu-, mun-	5052	three	மு-, முன்-
95	||||	nal-, -naal, nalla-		four	நல்-, நால்-, நல்ல-

96	||||	ai-	2826	five	-ஐ
108	||||	-ar	2485	six	ஆறு
110	|||||	elu-, -elu	910	seven	ஏழு, எழு

Application of above phonemes

112	'''	nalām, munnal	-	Healthy, before	நிலம், முன்னால்
116	''''	nellai	-	rice	நெல்லை
121	'''	nallonal	-	good person	நல்லோனால்
120	'''	mumunnonum	-	Three generations back	மும்முன்னோனும், மும்முன்னமும்
119	'''	mum-munnor	-	Two generations back	மும்முன்னோர்

Clitics

Clitics provide sentence structure (the subject and the object). The reading order is right to left only after the clitics; before that the reading is left to right.

M77 No.	Glyph	DED	Description	Tamil
97	ᳵ	-	-il, -da, -ta, -in	-ட, -டு, -த, -து, -இல், - இன்
99	ᳶ	-	-ra, -ru	-ர, -ரு, -ற, -று
123	᳷	-	-yar, -yin	-யர், -யார்

Learn through pun

Following are an indication of the pun that abounds in Indus script, which is termed as the “rebus principle”. Of course, it only makes sense if your language is close to ancient Dravidian. For deeper understanding you may have to refer to some of the sign values below this in the section on “Syllabic development”. We only sketch a few, but the Indus script syllabary abounds in such pun. They are also termed as rebus principle.

M77 Sign	Glyph	Syllable	DED	Description	Tamil
298	ᳵᳶ	valai = vala+ai	-	) = vala+5	வல+ஐ=வலை

Right-parenthesis is “vala” (curved as well as right) in Tamil and “vala” + “ai” = “valai”. “vala” is curve, as well as “right”, which fits well with description of right parenthesis. This is further explained by a pun statement shown in the next row.

62	(ᳵ)	valai-kanni	-	vaalai fish	வாளை மீன்
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The fish “vaalai” is known as the shark fish that has sharp teeth. A nice tooth is drawn at the top to elucidate the learning. This explains that the parenthesis sign (299, 287) carry the phonetic value “valai”.valai-kanni

295 𐑦 eri-valai 902 Another sharp tooth fish ஏரி வாளை (மீன்)

A fresh water fish, [Wallago attu](#), also known “eri-valai”, a pun again on the word with rebus equation: “vaalai” ≈ “valai”. The prefix “eri” comes from “two” or “iru”, leading to one more rebus equation: “iru” ≈ “eri”.

63 𐑦𐑦 kanni-pori-valai - Trapping of birds கன்னி-பொறி-வலை

This learning tablet defines the phonetic value of fish as “kanni” and the bird as “puri” by defining it through a polysyllabic pun as “kanni-pori”with a parenthetic “valai” . The “kanni-pori” in Tamil is “trapping”.

64 𐑦𐑦𐑦 valai-kanni - The clitic reverses reading order கன்னி-பொறி-வலை

The clitic sign 64 reverses the reading order to the right of it. This learning script defines that.

376 𐑦𐑦𐑦𐑦 pal - teeth பல்லு

A teeth is indicated by the protruding teeth effect, just like in the fish teeth.

57 𐑦𐑦𐑦𐑦𐑦 irumpu 486 iron இரும்பு
iru-pu (two insects) = irumpu (iron)

Syllabic development

We outline from top to bottom how the syllabary is slowly developed from simple to complex glyphs. Happy journey!

M77 Sign	Glyph	Syllable	DED	Description	Tamil
1	𐑦	an	131, 132	person	அன்
	𐑦𐑦	an(n)-an	131, 132	brother	அண்ணன்
2	𐑦𐑦𐑦	aran, muthalvan	311	gentleman, primary man	அரண், முதல்வன்
3	𐑦𐑦𐑦𐑦	ath-an	142	husband	அத்தான்
4	𐑦𐑦𐑦𐑦𐑦	natt-an	3638	country man	நாட்டான்
5	𐑦𐑦𐑦𐑦𐑦𐑦	natt-ar-an	3638	country rules	நாட்டரன்
6	𐑦𐑦𐑦𐑦𐑦	val(i)-an	5276	skilled man	வலியன்
7	𐑦𐑦𐑦𐑦𐑦𐑦	vel-an	5368	lance fighter	வேலன்
8	𐑦𐑦𐑦𐑦𐑦𐑦𐑦	valai-velan, valaiyan	5288	animal trapper	வலையன்
12	𐑦𐑦𐑦𐑦𐑦𐑦𐑦𐑦	vuravan	688	farmer	உழவன்
13	𐑦𐑦𐑦𐑦𐑦𐑦𐑦𐑦𐑦	vuraval	688	farming	உழவல்
14	𐑦𐑦𐑦𐑦𐑦𐑦𐑦𐑦𐑦𐑦	per-uravan	688	big farmer	பேர் உழவன்

15	𐏃	uravur	688	farming town	உழவூர்
54	𐏄	pu	4345	flower, Insect	பூ (பூச்சி)
55	𐏅	pol	4550	flowering	பொலி, பொலிவு
374	𐏆	-n	1159b, 3621, 3621a	night, bug	நீர் (துளி), (ப)னி, நள், நல்லு
410	𐏇	naan	3639	me	நான்
415	𐏈	nanan	3639	shame	நாணம், நண்ணன்
299	(	idai	449	hip, left	இடை
301	(	idayan	450	herder, herdsman	இடையன்
287	)	valai	5313, 5314	bent, trap, right	வல, வளை
293	)	valaiyan	5288	animal trapper (short form)	வலை வேலன், வலையன்
328	𐏉	vu	651, 761	ooze, mortar	வ, உ, ஊ
?	𐏊	vala, valla	5304	strong, fertile	வல-, வள-
336	𐏋	valan	5276	by	-வலன்
32	𐏌	vuvan		person between two	உவன்
342	𐏍	vur	752	town	ஊர்
347	𐏎	vellore	-	hunter's town	வேலூர்
358	𐏏	chevur	-	bronze worker's town	செவ்வூர்
344	𐏐	ur-ar	-	important sign with clitics	ஊரார்
343	𐏑	ur-il	-	important sign with clitics	ஊரில்
373	𐏒	pa	3805, 4016	sun, Pot	பகல், பாணை
375	𐏓	pal, pala	3986a	teeth, many	பல், பல
391	𐏔	palla	3986a	elephant	பல்லா (யானை)
216	𐏕	tha	2946	earthen pot	த (தண்டி)
222	𐏖	thalu	3105	beat, crush	தள்ளு
223	𐏗	mumutha		grand-parent	மும்முத
?	𐏘	than	3045	cold	தண் (தண்ணீர்)
36	𐏙	than	3045	cold, water	தண் (தண்ணீர்)
?	𐏚	paan	4068	song, melody	பாண்
31	𐏛	paanan	4068	tamil bard	பாணன், பாடுபவன்
59	𐏜	kan, kanni	1159a, 1166, 1167, 1417	boat, bamboo raft	கண், கன்னி
60	𐏝	nalla-kan	-	good boat	நல்ல கன்னி
67	𐏞	konda, konde	2216	bull, horn	கொண்ட, கண்ட
70	𐏟	kaal, kala, kal	1479, 1480	leg, canal	கல், கல, கால் (கால்வாய்)
78	𐏠	-pur, -puri	4374	bird	-புர், -புரி, புரா
81	(𐏡)	valai-puri	-	trapped bird	வலைபுரி, புரிவலை
319	𐏢	-mura	4977	snail, Curl	முறை, முறுக்கு
134	𐏣	-peru, -ma	4411	big, Large	பெரு-, -மா
261	𐏤	-ko	2207, 2203	fort, gentry (west wind, western practice of having kings in Sumeria)	-கோ, கோட்டை

30	𑌕	kovan		herder, herdsman, gentry (cattle class becoming the ruling gentry)	கோவன்
197	𑌕	-mel, -madi	5058	top, terrace	மேல், மாடம்
402	𑌕	naadu	3638	country (as a contrast to village)	நாடு
162	𑌕	vel	5536	spear, valor	வேல்
245	𑌕	thatti	3036	cloth, wooden frame	தட்டி
149	𑌕	naalvali	3610, 5297	cross-road	நால்வழி
249	𑌕	carakku, acu	47, 2353	load, sack	சரக்கு, அச்சு
153	𑌕	perupavan	4422	receiver	பெருபவன்
155*	𑌕	anupu, anbu	330	send	அனுப்பு, அன்பு
211*	𑌕	anupu	5536	send	அனுப்பு, அன்பு
83	𑌕	irappan, iraapu	501	death	இறப்பு
49	𑌕	kula	1829	generation, geneology	குலம்
50	𑌕	athu, adu	5153	goat	ஆத்து ஆடு
124	𑌕	aer	2815	plough	கலப்பை
125*	𑌕	vilagu	5423	diverge	விலகு
323	𑌕	Ila, illam	497	Leaf, home	இலை, இல்லம்
326	𑌕	nal-ilantha	497	Good home	நல்-இலந்த
327	𑌕	iru-vali-nal-ilanthai	497	home	இரு-வழி-நல்-இலந்த
47	𑌕	aran	204	squink	அரண், அரணை
43	𑌕	nal-aran	-	Good behavior	நல் அறன்
?	𑌕	munal-valai	-	3 by 4 (yards) net	முன்னால் வலை
415	𑌕	mu-pala	-	Many many	முப்பல
171	𑌕	nil-(v)anji, nilai	-		நில்வஞ்சி, நிலை
?	𑌕	nal-inai	-	Joining four	நல்லிணை, நாலிணை
403	𑌕	patru, pattu, parai		Announcement with a drum beat	பற்று, பட்டு, பறை
404	𑌕	nal-parai		Good annoucement	நல்ல பறை
51	𑌕	mu-kula-iru-valiyan	-	reliable multigeneration trader	முக்குல இருவழியன்
130	𑌕	kol	2151	Exchange, buy/sell	கொள், கொள்முதல்
304	𑌕	vil	5422, 5421	Bow, sell	வில்
305	𑌕	vilai	5421	price	விலை
127	𑌕	alaku/alagu	239, 246, 255	Beak, beauty, grains of paddy	அலகு, அழகு
306	𑌕	alaku-vilam	-	Good	அலகு-விலை
397	𑌕	thiral	?	Pearl necklace	திரள், முத்து மாலை
377	𑌕	nal-thiral-pala	-	Many good pearl necklaces	நல்திரள் பல

233	❧	mumalai	-	Three mountain range மும்மலை
235	❧'	mumalai-vel	-	Three mountain range worker மும்மலை வேல்