

CHAPTER III

PRESENTATION AND ANALYSIS OF THE DATA

3.1. Presentation of The Data

To simplify and interpret further analysis, presentation of the data is divided into two groups. First, a table is used to present the inventory of sounds, second, a description is used to describe the sound that have been presented in the table.

3.1.1. The Inventory of Sounds

The data that are presented in the table below are obtained from informants' pronunciations that have been grouped based on the sounds that occurred. From the words that are pronounced by the informants, transcriptions are made and grouped in the table below :

Table 1
The Inventory of Sounds

Sounds	Initial	Medial	Final
[p]	[panton] <u>rice</u>	[kʌpən] <u>times</u>	
	[pʌri] <u>rice</u>	[səmpon] <u>already</u>	
	[pɔlɔwɪjɔ] <u>vegetables</u>	[nɔpɔ] <u>what</u>	
	[putri] <u>daughter</u>	[pʌpʌmi] <u>if</u>	
	[pəsən] <u>message</u>	[kʌbʌpʌtən] <u>regency</u>	
	[pɔrɔ] <u>each</u>	[kʌmpʌlʌn] <u>group</u>	
	[pinisəpoh] <u>the olders</u>	[tʌnpɔ] <u>without</u>	
	[pʌron] <u>willing</u>	[koplo] <u>fool</u>	
	[pərduli] <u>care</u>	[səmpeʃ] <u>until</u>	
	[pɔkɔ] <u>bottom</u>	[bʌpʌ] <u>father</u>	

Sounds	Initial	Medial	Final
	[peɪ]	[opɾasi]	
	<u>pill</u>	<u>operation</u>	
	[piyambʰ]	[opnamə]	
	<u>alone</u>	<u>hospitalization</u>	
	[pundotʰ]	[səmɔpɔt]	
	<u>take</u>	<u>fainted</u>	
	[pɛntʌs]	[cɛpət]	
	<u>show</u>	<u>fast</u>	
	[pəyʌh]	[grɔpyɔʰ]	
	<u>tired</u>	<u>overwhelming</u>	
	[putu]	[kɔpyɔɾ]	
	<u>grandson</u>	<u>soft flesh</u> <u>coconut</u>	
	[pʌtɛʰ]	[sʌpu]	
	<u>rather</u>	<u>broom</u>	
	[puloh]	[sampeyan]	
	<u>ten</u>	<u>you</u>	
	[pʌŋgʌh]	[kɛplɛʰ]	
	<u>still</u>	<u>a kind of</u> <u>insect</u>	
	[prɛi]	[tɔpʰ]	
	<u>free/holiday</u>	<u>exact</u>	
	[pʌnɛn]	[ŋlumpoʰ]	
	<u>harvest</u>	<u>gather</u>	

Sounds	Initial	Medial	Final
	[pəɾɔ]	[ŋəmplɔŋ]	
	<u>dry</u> (for rice)	<u>plunge</u>	
	[pɔpɔʔ]	[rupɔ]	
	<u>baby's clothes</u>	<u>colour</u>	
	[pʌpətʰ]	[gləpɔŋ]	
	<u>four</u>	<u>flour</u>	
	[plʌʊr]	[gʌpyɔʔ]	
	<u>had better</u>	<u>embrace</u>	
	[prʌpʌtʌŋ]	[ləpətʰ]	
	<u>crossroad</u>	<u>a name of snack</u>	
	[pələm]		
	<u>mango</u>		
	[pʌŋgʌŋ]		
	<u>bake</u>		
	[pindo]		
	<u>twice</u>		
	[pʌŋjənɔŋʌŋ]		
	<u>you</u>		
	[pɔlʌh]		
	<u>move</u>		
	[pʌrɔŋ]		
	<u>allowed</u>		
	[pʌŋʌŋ]		
	<u>meal</u>		

Sounds	Initial	Medial	Final
[p ^h]	<p>[p^hɔsɔ]</p> <p><u>f</u>asting</p> <p>[p^hɪŋgɚ]</p> <p><u>e</u>dge</p> <p>[p^huɔɔ]</p> <p><u>t</u>op</p>		<p>[ˈlʌrəp^h]</p> <p><u>l</u>ife</p> <p>[ˈsəʊp^h]</p> <p><u>c</u>ause</p> <p>[ˈsətiy^h]</p> <p><u>e</u>ach</p> <p>[ˈcukəp^h]</p> <p><u>e</u>nough</p> <p>[ˈsʌndəp^h]</p> <p>a kind of <u>i</u>nsect</p> <p>[ˈcukəp^h]</p> <p><u>e</u>nough</p> <p>[ˈkædələp^h]</p> <p><u>d</u>rawn</p> <p>[ˈtɛrəp^h]</p> <p><u>w</u>ant</p>

Sounds	Initial	Medial	Final
			[ɲandʌpʰ] <u>below</u>
			[ɲgəʀʌpʰ] <u>do</u>
			[dərəpʰ] <u>harvest</u>
			[ɲələpʰ] <u>watering rice</u>
			[nəŋgʌpʰ] <u>hire</u>
			[səmərʌpʰ] <u>know</u>
			[bərəpʰ] <u>the oldest child</u>
			[ɲərəpʰ] <u>front</u>
			[ʌjɔpʰ] <u>consent</u>
			[jəŋkəpʰ] <u>complete</u>
			[ʌŋɔpʰ] <u>yawn</u>
			[ɲrəsəpʰ] <u>penetrate</u>

Sounds	Initial	Medial	Final
[b]	[bəɫʌs] <u>nothing</u>	[ʔibu] <u>mother</u>	
	[bʌgi] <u>part</u>	[ləbət] <u>inside</u>	
	[bibet] <u>seed</u>	[səbʌr] <u>spread off</u>	
	[bəyʌr] <u>pay</u>	[lumboŋ] <u>rice storage</u>	
	[biyasʌ] <u>ordinary</u>	[gʌbʌh] <u>rice</u>	
	[bidʌŋ] <u>area</u>	[ləbuhʌn] <u>rest time</u>	
	[bəñu] <u>water</u>	[rʌboʔ] <u>fertilizer</u>	
	[bətən] <u>no</u>	[obʌt] <u>medicine</u>	
	[bəsɔ] <u>use high level of Javanese</u>	[kuburʌn] <u>grave</u>	
	[bənjɛr] <u>flood</u>	[ŋləhɔr] <u>paint</u>	
	[bənjɔr] <u>then</u>	[lombʌ] <u>competition</u>	

Sounds	Initial	Medial	Final
	[b̥arəŋ] <u>together</u>	[ʔəmbəŋ] <u>ceremonial dish in a cone shape</u>	
	[b̥arʌs] <u>rice</u>	[kʌbɛh] <u>all</u>	
	[b̥arɔ̃] <u>dry, for land</u>	[ʔəmbɔh] <u>don't know</u>	
	[b̥arəpʰ] <u>the oldest child</u>	[ʔəmbʌh] <u>grand parents</u>	
	[butɔh] <u>need</u>	[ʔəbʌŋ] <u>red</u>	
	[brəmbʌŋ] <u>onion</u>	[tɔbʌtʰ] <u>repent and for swear</u>	
	[bubʌr] <u>finish</u>	[təbɔh] <u>far</u>	
	[bʌlɔ̃] <u>hall</u>	[mubəŋ] <u>around</u>	
	[b̥əsʌr] <u>a name of Java nese month</u>	[tumbʌs] <u>buy</u>	
	[bucu] <u>ceremonial dish</u>	[tambah] <u>add</u>	
	[boyc] <u>crocodile</u>	[sumbər] <u>source</u>	

Sounds	Initial	Medial	Final
	[bʌlɪʔ] <u>go home</u>	[ʔəbʌh] <u>move</u>	
	[bɔbɔʔ] <u>liquid to rub on body</u>	[tɪmbʌŋ] <u>than</u>	
	[bʌu] <u>measurement of wide of land</u>	[ʔumbʌh] <u>wash</u>	
	[buwʌh] <u>fruit</u>	[təbʌŋ] <u>cut/harvest</u>	
	[bɛdɛŋ] <u>peace of land</u>	[ʔɔbɔ] <u>out side</u>	
	[blʌʔ] <u>line for rice field</u>	[lɛbət] <u>in side</u>	
	[bʌwɔŋ] <u>sharing system for harvest</u>	[ʔəmbroʔ] <u>collapse</u>	
	[bɔrɔ] <u>go, to get a job</u>	[ʔəmbroɔl] <u>collapse</u>	
	[babʌtʔ] <u>cut</u>		
	[bukʌʔ] <u>open</u>		
	[bəsʌŋ] <u>trap</u>		

Sounds	Initial	Medial	Final
	[bubʌʔ] <u>open, for cere</u> <u>mony</u>		
	[barʌŋ] <u>also</u>		
	[bətʌtʰ] <u>less, for water</u> <u>/ break</u>		
	[banci] <u>effiminate</u>		
	[bətʌʔ] <u>cooking rice</u>		
	[bɔlu] <u>spongecake</u>		
	[buwoh] <u>come to the</u> <u>wedding</u>		
[w]	[wanci] <u>time</u>	[suwidʌʔ] <u>sixty</u>	
	[wʌyʌh] <u>time/grandson</u>	[sɛwu] <u>a thousand</u>	
	[wʌktu] <u>time</u>	[ʔuwltʰ] <u>tree</u>	
	[wɔntən] <u>there is</u>	[kuwi] <u>that</u>	

Sounds	Initial	Medial	Final
	[wɔlu]	[juwətʰ]	
	<u>eight</u>	<u>a kind of fruit</u> <u>fruits</u>	
	[wulʌn]	[ʔʌwʌŋ-ʔʌwʌŋən]	
	<u>month</u>	<u>worry</u>	
	[wʌlʔ]	[duwʌ]	
	<u>up side</u>	<u>have</u>	
	[wəʌs]	[ʔuwɔŋ]	
	<u>pity</u>	<u>man</u>	
	[wʌyʌŋ]	[sʌwʌh]	
	<u>puppet drama</u>	<u>rice field</u>	
	[wɔɔ-wɔɔ]	[tuwɔ]	
	<u>announcement</u>	<u>old</u>	
	[wiwʌtʰ]	[ʔutɔwɔ]	
	<u>start</u>	<u>or</u>	
	[wʌgl]	[gʌwʌ]	
	<u>name of Java-</u> <u>nese day</u>	<u>make</u>	
	[wəntɔn]	[ñuwɔn]	
	<u>brave</u>	<u>ask for</u>	
	[winkʌŋ]	[məwɔn]	
	<u>back</u>	<u>only</u>	
	[wədos]	[kəjʌwi]	
	<u>goat</u>	<u>beside</u>	

Sounds	Initial	Medial	Final
[t]		[səwɛlʌs] <u>eleven</u>	
		[swiwi] <u>wing</u>	
		[ʔowʌh] <u>change</u>	
		[ʔantəŋ] <u>motionless</u>	
		[pətʌʔ] <u>piece of land</u>	
		[sətʊŋʌl] <u>one</u>	
		[təros] <u>then</u>	[wɒntən] <u>there is</u>
		[təmbʌl] <u>patch</u>	[gənti] <u>change</u>
		[tuwɔ] <u>old</u>	[pintər] <u>clever</u>
		[təlu] <u>three</u>	[mʌti] <u>dead</u>
		[təbu] <u>sugar cane</u>	[wətʌwɪs] <u>about</u>

Sounds	Initial	Medial	Final
	[təɾʌŋ]	[sʌʔestu]	
	<u>light</u>	<u>true</u>	
	[toɪɔ]	[mʌstʌni]	
	<u>water</u>	<u>call</u>	
	[tʌmu]	[ʔərtɔ]	
	<u>guess</u>	<u>money</u>	
	[təlɔs]	[ʔɪtɔŋ]	
	<u>wet</u>	<u>count</u>	
	[tʌyɔpʔ]	[mɔtu]	
	<u>Javanese dancing</u>	<u>beyond</u>	
	[tɔntɔnʌn]	[sʌtɪ]	
	<u>show</u>	<u>a name of meals</u>	
	[tʌnʌn]	[nʌtɪ]	
	<u>true</u>	<u>ever</u>	
	[tɪrɔnʌn]	[wʌtɔs]	
	<u>ceremony of birthday</u>	<u>boundary</u>	
	[təb(h)]	[mʌntu]	
	<u>far</u>	<u>son in law</u>	
	[tɔŋgɔ]	[ŋɔpʌntʌn]	
	<u>neighbor</u>	<u>apologize</u>	
	[tʌkɔnɪ]	[butɔh]	
	<u>ask</u>	<u>need</u>	

Sounds	Initial	Medial	Final
	[təɫʌs] <u>finished</u>	[ŋʌtən] <u>like this</u>	
	[tʌksɪh] <u>still</u>	[kanti] <u>patient</u>	
	[tʌu] <u>ever</u>	[sətəŋʌh] <u>a half</u>	
	[tʌgəl] <u>break</u>	[təntʌŋ] <u>challenge</u>	
	[trɪmɔ̃] <u>accept</u>	[mʌntoʔ] <u>go home</u>	
	[təndʌŋ] <u>do</u>	[sɔtɔ̃] <u>tobacco</u>	
	[tɔwɔ̃] <u>tasteless</u>	[soto] <u>a kind of meals</u>	
	[tɪndʌʔ] <u>go</u>	[watu] <u>stone</u>	
	[tʌnəm] <u>plant</u>	[putɪh] <u>white</u>	
	[təndor] <u>plant</u>	[kʌnton] <u>left</u>	
	[tənkulʌʔ] <u>broker</u>	[səmʌntən] <u>an unnamed amount</u>	
	[tiyʌŋ] <u>man</u>	[məntri] <u>officer</u>	

Sounds	Initial	Medial	Final
[tʰ]			[ʔʌlʌmʌtʰ] <u>address</u> [sɪʌmʌtʰ] <u>safe</u> [ʔʌdʌtʰ] <u>custom/tradition</u> [liwʌtʰ] <u>pass</u> [surʌtʰ] <u>letter</u> [ʔʌliʌtʰ] <u>small</u> [sʌkʌtʰ] <u>sick</u> [pʌndʌtʰ] <u>take</u> [kiyʌtʰ] <u>strong</u> [kuwʌtʰ] <u>strong</u> [ʔɔbʌtʰ] <u>medicine</u> [cʌcʌtʰ] <u>handicap</u>

Sounds	Initial	Medial	Final
[t̚]			[ʔʌwɫt̚ʰ]
			<u>start</u>
			[ħʌmbot̚ʰ]
			<u>work</u>
			[d̚uwɫt̚ʰ]
			<u>money</u>
			[t̚umot̚ʰ]
			<u>join</u>
			[ʔɔyɔt̚ʰ]
			<u>root</u>
			[sʌgət̚ʰ]
			<u>able</u>
			[m̚ənd̚ət̚ʰ]
			<u>take</u>
			[sʌŋət̚ʰ]
<u>very</u>			
[kupʌt̚ʰ]			
<u>a name of meal</u>			
[d̚ʌŋkʌt̚ʰ]			
<u>comb</u>			
[l̚əncrət̚ʰ]			
<u>damage</u>			
	[t̚ol̚]	[ŋʌnt̚əŋ]	
	<u>son</u>	<u>stand up</u>	

Sounds	Initial	Medial	Final
	[tɔʔ] <u>only</u>	[cutɔl] <u>finish</u>	
	[tukoɪ] <u>grow</u>	[patʌʔ] <u>white</u>	
	[təŋol] <u>a kind of wa- yang</u>	[məstɪ] <u>must</u>	
		[kʌntɪ] <u>with/by</u>	
		[gəntɛŋ] <u>roof-tile</u>	
		[bʌtɪ] <u>profit</u>	
		[kʌtʌh] <u>much/many</u>	
		[klʌntɔŋ] <u>irigation main- tainer</u>	
		[kəntɛŋ] <u>rice field line</u>	
		[jətɛtʰ] <u>a long dry season</u>	
		[mɪntɔk] <u>duck</u>	

Sounds	Initial	Medial	Final
		[sʌʔitʰiʔ] <u>few</u>	
		[cʌntɕɛlʌn] <u>hanger</u>	
		[cəkutɕər] <u>curl</u>	
		[mətʰʌʔ] <u>pick</u>	
		[mantʰoʔ] <u>nodding of head</u>	
		[pʌtʰoʔʌn] <u>guide</u>	
[d]	[dʌtəŋ] <u>come</u>	[mændətʰ] <u>take</u>	
	[dʌsɔn] <u>village</u>	[mundotʰ] <u>take</u>	
	[dɛrɛʔ] <u>follow</u>	[kʌdʌŋ] <u>sometimes</u>	
	[dʀɔdɔk] <u>beat rapidly</u>	[mɔdɔ] <u>make the same</u>	
	[disʌʔ] <u>early</u>	[kændʌl] <u>clay pot</u>	
	[dɛlʌ] <u>soy bean</u>	[wʌdɔʔ] <u>reservoir</u>	

Sounds	Initial	Medial	Final
	[d̥lʷl̥] <u>alone</u>	[gʌdʌh] <u>have</u>	
	[d̥ɔŋl̥] <u>the time</u>	[səkəd̥l̥ʔ] <u>few</u>	
	[d̥l̥ʔ] <u>in/at</u>	[mʌndək] <u>stop</u>	
	[d̥ɔl̥] <u>damage</u>	[pəɔ̥ɔ̥] <u>the same</u>	
	[d̥ʌm] <u>dam</u>	[gəɔ̥ɔ̥ŋ] <u>leaf</u>	
	[d̥uwor] <u>tall/high</u>	[modʌl̥] <u>capital</u>	
	[d̥ugʌl̥] <u>dig</u>	[pindo̥] <u>twice</u>	
	[d̥udoʔ] <u>dig</u>	[wʌdʌh] <u>place</u>	
	[d̥isə̥l̥] <u>diesel</u>	[pəndʌʔ] <u>every time</u>	
	[d̥ʌl̥rʌh] <u>area</u>	[gəɔ̥ɔ̥ŋ] <u>banana</u>	
	[d̥ʌl̥ʌŋ] <u>narator of tra- ditional sha- dow plays</u>	[ʔɛdək̥] <u>near</u>	

Sounds	Initial	Medial	Final
	[dʌñʌŋ] <u>spirit inhabit</u> <u>ing certain</u>	[pʌɖʌŋʌn] <u>lightly place</u> [sʌndʌr] <u>a name of Java</u> <u>nese culture</u> [kondʌŋ] <u>popular</u> [kuɖu] <u>a kind of</u> <u>plants</u> [pindʌh] <u>move</u> [pundʌn] <u>holy place/</u> <u>grave</u> [lɛɖɛʔ] <u>Javanese dancer</u>	
[d]	[dintʌn] <u>day</u> [dʌrʌŋ] <u>not yet</u>	[sʌɖɪ] <u>sell</u> [kʌɖʌh] <u>must</u>	
		[gʌndʌŋ] <u>arm by arm</u> [muɖɔ] <u>youngster</u>	

Sounds	Initial	Medial	Final
	[dʌdi]	[mʌdək]	
	<u>become</u>	<u>stand</u>	
	[dʌdɔs]	[sədɔɔ]	
	<u>become</u>	<u>all</u>	
	[dʌməl]	[kʌdʌŋ]	
	<u>use</u>	<u>relative</u>	
	[dɪnɔ]	[supʌdɔs]	
	<u>day</u>	<u>should be</u>	
	[dɪsɔ]	[sɔdɔ]	
	<u>village</u>	<u>palm leaf rib</u>	
	[dɛləpʰ]	[tʌndɔr]	
	<u>drawn</u>	<u>plant</u>	
	[dɔrɔ]	[mudɔ]	
	<u>pigeon</u>	<u>stark naked</u>	
	[dʌlɔr]	[udʌn]	
	<u>brother</u>	<u>rain</u>	
	[dɔwɔ]	[mudʌl]	
	<u>long</u>	<u>lie all over</u>	
	[duwɪ]	[kʌdɔs]	
	<u>have</u>	<u>like</u>	
	[dudu]	[ŋidɔr]	
	<u>not</u>	<u>peddle</u>	
	[dɛləɔʔ]	[ʔʌdɔh]	
	<u>see</u>	<u>far</u>	

Sounds	Initial	Medial	Final
	[dʌndʌŋ] <u>rice cooker</u>	[kidol] <u>South</u>	
	[dRʌmbən] <u>drumband</u>	[kudu] <u>must</u>	
		[pʌdʌŋʌŋ] <u>place for cooking rice</u>	
		[tʌndʌŋ] <u>do</u>	
[m]	[mundotʰ] <u>buy</u>	[tumɔ] <u>louse</u>	[ʔənəm] <u>six</u>
	[malɪh] <u>again</u>	[ʔupɔmɔ] <u>if</u>	[pʌrəm] <u>liquid to rub on body</u>
	[mənɪkɔ] <u>this</u>	[numpʌʔ] <u>ride</u>	[kʌgəm] <u>for</u>
	[mlʌku] <u>walk</u>	[tumpʌŋ] <u>join with others</u>	[rəndəm] <u>submerged</u>
	[mʌŋkɪ] <u>later</u>	[gʌmpɪl] <u>easy</u>	[ʔʌdəm] <u>cold</u>
	[mriki] <u>here</u>	[ʔɔmʌh] <u>house</u>	[gələm] <u>will</u>
	[mulɪh] <u>go home</u>	[rʌmɪ] <u>busy/noisy</u>	[mʌrəm] <u>satisfy</u>

Sounds	Initial	Medial	Final
	[mʌju] <u>go foward</u>	[cʌmpɔr] <u>mix</u>	[pələm] <u>manggo</u>
	[mulʌi] <u>start</u>	[ʔʌlmu] <u>science</u>	[ʔʌyəm] <u>safe</u>
	[mʌŋgʌh] <u>climb</u>	[ʔʌmʌn] <u>safe</u>	[kʌŋkɔm] <u>submerged</u>
	[mʌmət] <u>headache</u>	[dʌməl] <u>for</u>	[sʌŋsɔm] <u>porridge of rice</u>
	[mʌmpu] <u>able/rich</u>	[ʔumɔr] <u>age</u>	
	[mɔŋsɔ] <u>season</u>	[sʌmpɔn] <u>already</u>	
	[mʌlʌh] <u>even</u>	[lʌmʌyʌn] <u>not bad</u>	
	[mlʌyu] <u>run</u>	[rʌmi] <u>tute</u>	
	[mrucotʰ] <u>loose</u>	[tʌmbʌs] <u>buy</u>	
	[mɔtɔ] <u>eye</u>	[sʌmʌh] <u>husband/wife</u>	
	[mʌri] <u>recover</u>	[sumɔr] <u>well</u>	

Sounds	Initial	Medial	Final
[n]	[mləbu] <u>enter</u>	[limɔ] <u>five</u>	
	[nʌmi] <u>name</u>	[tʌndɔr] <u>plant</u>	[ʔɛtʌn] <u>East</u>
	[numpʌʔ] <u>ride</u>	[bʌnʒɔr] <u>then</u>	[ʔudʌn] <u>rain</u>
	[nɔpɔ] <u>what</u>	[dɪnɔ] <u>day</u>	[səlʌpʌn] <u>36 days</u>
	[nikʌh] <u>marry</u>	[tʌnɔ] <u>less</u>	[ponʌʔʌn] <u>nephew/niece</u>
	[nʌmoʔ] <u>just</u>	[kʌnɛʔ] <u>can</u>	[sʌmpɔn] <u>already</u>
	[nɔmər] <u>number</u>	[pʌnɛn] <u>harvest</u>	[wɔntɔn] <u>there is</u>
	[nʌri] <u>dance</u>	[tʌni] <u>farmer</u>	[bɔtɔn] <u>no</u>
	[nʌŋʔɪŋ] <u>but</u>	[gʌnti] <u>change</u>	[ʔʌrʌn] <u>name</u>
	[nunɔtʔ] <u>join with others</u>	[ʔɔnɔ] <u>there is</u>	[lʌŋɛn] <u>swim</u>
	[nʌtɪ] <u>ever</u>	[pɪndʌh] <u>move</u>	[tʌɔn] <u>year</u>
	[nɔtɔ] <u>put in order</u>	[lʌnɔr] <u>smooth</u>	[pʌntɔn] <u>rice</u>

Sounds	Initial	Medial	Final
	[nrɪmɔ]	[pɪnʌʔ]	[ŋɔtən]
	<u>accept</u>	<u>comfort</u>	<u>like this</u>
	[nərəʌʔ]	[ʔʌnʌʔ]	[wiwɪtʌn]
	<u>hit</u>	<u>son/daughter</u>	<u>a ceremony on purpose to start harvest</u>
	[nɪsɪpʰ]	[kɔnɔ]	[lʌpʌŋʌn]
	<u>slipped in</u>	<u>there</u>	<u>court</u>
		[kʌntɔr]	[pəsən]
		<u>office</u>	<u>message</u>
		[pʊndi]	[rʌdʊsʌn]
		<u>where</u>	<u>street</u>
		[ʔʌni-ʔʌni]	[kʌgʊŋʌn]
		<u>instrument to cut the rice</u>	<u>have</u>
			[dukɔn]
			<u>magician</u>
			[pɪsʌn]
			<u>also</u>
			[tʌkɔn]
			<u>ask</u>
			[tənʌn]
			<u>correct/right</u>
			[tənən]
			<u>right</u>

Sounds	Initial	Medial	Final
[ŋ]	[ŋələm] <u>praise</u>	[mankʌ] <u>will</u>	[bʌyʌŋ] <u>bed from wood</u>
	[ŋɔŋɔ] <u>(like) that</u>	[kʌŋgo] <u>for</u>	[sʌkʌŋ] <u>from</u>
	[ŋɪh] <u>yes</u>	[mɪŋgu] <u>Sunday</u>	[ʔʌtɔŋ] <u>count</u>
	[ŋrændəm] <u>(do) submerged</u>	[sɔŋɔ] <u>nine</u>	[ʔʌgəŋ] <u>big</u>
	[ŋərʌʔ] <u>dry, for sea- son</u>	[kʌŋən] <u>miss</u>	[dʌtəŋ] <u>come</u>
	[ŋʌrəpʰ] <u>front</u>	[ʔʌŋsʌl] <u>get</u>	[pʌŋjʌŋ] <u>long</u>
	[ŋgʌrʌpʰ] <u>do</u>	[pʌŋgʌh] <u>still</u>	[gʌmpʌŋ] <u>easy</u>
	[ŋriki] <u>here</u>	[mɔŋgo] <u>please</u>	[sʌŋ] <u>that/which</u>
	[ŋɔtʌn] <u>like so</u>	[bɪŋkɔʔ] <u>bent</u>	[prʌŋ] <u>bamboo</u>
	[ŋʌrʌtʰ] <u>weed</u>	[pərʌŋkʌtʰ] <u>instrument</u>	[lʌpʌŋʌŋ] <u>court</u>
	[ŋlʌkɔni] <u>do</u>	[bɛŋi] <u>night</u>	[bʌjɛŋ] <u>the oldest child</u>

Sounds	Initial	Medial	Final
	[ŋrɔpti] <u>make other busy</u>	[cun̄kop̄] <u>cover over the grave</u>	[b̄ar̄əŋ] <u>together</u>
	[ŋgɔwɔ] <u>bring</u>	[rinḡt̄] <u>place for puppet perform</u>	[gal̄əŋ] <u>border in the rice field</u>
	[ŋgir̄ŋ] <u>drive</u>	[ʔaŋgər̄] <u>every</u>	[pr̄ap̄at̄ŋ] <u>crossroad</u>
	[ŋr̄ɔmpɔl] <u>gather</u>	[s̄aŋḡan̄] <u>responsibility</u>	[kir̄əŋ] <u>less</u>
	[ŋluru] <u>looking for</u>	[b̄aŋət̄] <u>very</u>	[ut̄əŋ] <u>debt</u>
	[ŋʌjʌʔ] <u>ask for</u>	[wiŋi] <u>yesterday</u>	[ʔil̄əŋ] <u>loose</u>
	[ŋlumpoʔ] <u>gather</u>	[t̄aŋi] <u>wake up</u>	[siȳəŋ] <u>day</u>
	[ŋl̄abor] <u>paint</u>		[pīs̄əŋ] <u>banana</u>
	[ŋʌndaʔn̄] <u>tell</u>		[tir̄əŋəŋ] <u>ceremony of birthday every 36 days</u>
			[r̄amb̄at̄əŋ] <u>creep</u>
[ñ]	[ñɔnɔ] <u>guess</u>	[b̄aŋu] <u>water</u>	

Sounds	Initial	Medial	Final
	[ñɔtɔ]	[ʔʌñəp]	
	<u>real</u>	<u>cold</u>	
	[ñʌdɔ]	[dʌñʌŋ]	
	<u>sell</u>	<u>spirit inhabi</u> <u>bited certain</u> <u>place</u>	
	[ñʌɔɔ]	[ʔʌñʌr]	
	<u>pay back</u>	<u>new</u>	
	[ñʌŋkɪŋ]		
	<u>bring</u>		
	[ñucoʔ]		
	<u>balance</u>		
	[ñɔblɔs]		
	<u>poriforate</u>		
	[ñɔwɔ]		
	<u>hire</u>		
	[ñɔlɔŋ]		
	<u>steal</u>		
	[ñlɛŋɔr]		
	<u>turn on</u>		
	[ñɔrʌŋ]		
	<u>attack</u>		
	[ñʌdʀʌnʌn]		
	<u>ceremony to</u> <u>pay homage an-</u> <u>cestral spirit</u>		

Sounds	Initial	Medial	Final
	[ñʌŋ] go		
	[ñʌyɔr] <u>prepare vegeta</u> <u>ble dish</u>		
	[ñʌtɪ] <u>make sate</u>		
	[ñʌndʌʔ] <u>touch</u>		
	[ñʌmplɔŋ] <u>plunge</u>		
	[ñuŋsumi] <u>make porridge</u> <u>of rice for</u> <u>the workers</u>		
	[ñʌmoʔ] <u>mosquito</u>		
	[ñʌlɐm] <u>diving</u>		
	[ñrupotʰ] <u>slurp</u>		
	[ñuñot] <u>be soggy</u>		

Sounds	Initial	Medial	Final
[g]	[gʌŋsʌl] <u>five</u>	[sʌgət] <u>able</u>	
	[gʌŋsʌr] <u>fast</u>	[mʌrgɔ] <u>cause</u>	
	[gʌrŋ] <u>sick</u>	[ŋgɪh] <u>yes</u>	
	[gʌwɪ] <u>make/wear</u>	[kʌŋgɔ] <u>for</u>	
	[gʌntɛn] <u>by turns</u>	[ʔugɔ] <u>also</u>	
	[gʌlɔn] <u>collar</u>	[jʌgɔŋ] <u>corn</u>	
	[gɔwɔ] <u>bring</u>	[mʌŋgʌh] <u>climb</u>	
	[glunton] <u>lie down</u>	[dʌgi] <u>arrive</u>	
	[gʌndɔŋ] <u>carry</u>	[tɪgɔ] <u>three/dry sea- son</u>	
	[gʌlɔ] <u>disappointed</u>	[tʌŋgɔ] <u>power</u>	
	[gʌmpʌŋ] <u>easy</u>	[ʔʌgʌm] <u>clothes</u>	

Sounds	Initial	Medial	Final
[k]	[gRɔpɔʔ] <u>overwhelming</u>	[jɔgɔ] <u>watch over</u>	
	[gʌŋ] <u>alley</u>	[pʌŋgʌh] <u>still</u>	
	[gunəm] <u>speech</u>		
	[gulɔ] <u>sugar</u>		
	[gupil] <u>chipped</u>		
	[glɪtʌʔ] <u>lie down</u>		
	[gədt] <u>big</u>		
	[gRɔmbɔl] <u>gather</u>		
	[kʌlʌʔ] <u>buy goods for resale</u>	[mənɪkɔ] <u>this</u>	
	[kʌlɪh] <u>two</u>	[mʌŋkʌ] <u>soon/will</u>	
[kʌŋgɔ] <u>for</u>	[cukopʔ] <u>enough</u>		

Sounds	Initial	Medial	Final
	[kʌrʌŋ] <u>less</u>	[niku] <u>that</u>	
	[kʌrɔʔ] <u>rose-apple flower</u>	[sukɔ] <u>glad</u>	
	[kəɾɪŋ] <u>dry</u>	[ʔɪnkʌŋ] <u>which</u>	
	[krʌkʌl] <u>stone</u>	[səkɪɔ] <u>comfort</u>	
	[klələpʰ] <u>drawn</u>	[ʔukol] <u>grow</u>	
	[kɪpʌŋ] <u>plait from bamboo</u>	[ʔiki] <u>this</u>	
	[kulɔn] <u>west</u>	[sʌʔiki] <u>now</u>	
	[kʌrɪnʌpʌl] <u>karnival</u>	[səmɔŋkɔ] <u>water melon</u>	
	[kupɪŋ] <u>ear</u>	[sʌkɪŋ] <u>from</u>	
	[kʌŋ] <u>brother</u>	[ŋriki] <u>here</u>	
	[kɪnɪ] <u>here</u>	[dukoh] <u>village</u>	

Sounds	Initial	Medial	Final
	[kʌmbʊl]	[ʔʌkɛh]	
	<u>coconut</u>	<u>much/ a lot</u>	
	[kʌyu]	[tʌkɔn]	
	<u>wood</u>	<u>ask</u>	
	[kʌdʊs]	[sɛkɔlʌh]	
	<u>like/as</u>	<u>school</u>	
	[kʌnɪŋ]	[sɛkʌwʌn]	
	<u>yellow</u>	<u>four</u>	
	[klɛbu]	[dʊkɔ]	
	<u>can enter</u>	<u>angry</u>	
	[kɛmbʌŋ]	[sʌkɪtʰ]	
	<u>flower</u>	<u>sick/ill</u>	
	[kʌlɔ]	[nʌkʌl]	
	<u>I</u>	<u>naughty</u>	
	[kiwɔ]	[sikɪl]	
	<u>left</u>	<u>foot</u>	
	[krikɪl]	[sɛkɔl]	
	<u>stone</u>	<u>rice</u>	
	[kluyurʌn]	[pʌkʌn]	
	<u>loaf around</u>	<u>meal of animal</u>	
	[kʌku]		
	<u>stiff/rigid</u>		
	[kʌspɪ]		
	<u>cassava</u>		

Sounds	Initial	Medial	Final
	[kəncəŋ] <u>straight</u>		
	[kəɟʌh] <u>must</u>		
	[kʌntɔn] <u>left</u>		
	[kʌlɔŋ] <u>decrease</u>		
	[kirɪm] <u>send</u>		
	[kwʌli] <u>clay pot</u>		
	[kwʌlɪʔ] <u>inside out</u>		
	[krʌmʌt] <u>holy</u>		
	[krʌmʌs] <u>shampoo</u>		
	[kli wɔn] <u>a name of Java</u> <u>nese day</u>		
	[kliru] <u>falls</u>		

Sounds	Initial	Medial	Final
[kʰ]	[kɔlɔ] <u>when</u>		[mʌdəkʰ] <u>stand</u> [ʔəndəkʰ] <u>egg</u> [mentəkʰ] <u>duck</u> [mændəkʰ] <u>stop</u> [picəkʰ] <u>blind</u>
[ʔ]	[ʔupʌmi] <u>if</u> [ʔuɪɔ] <u>snake</u> [ʔəmbɔh] <u>don't know</u> [ʔurʌŋ] <u>shrimp</u> [ʔəku] <u>I</u> [ʔlɔɔ] <u>delicious</u>	[sʌʔiki] <u>now</u> [sʌʔitiʔ] <u>few</u> [sʌɪɔʔl] <u>the other</u> [bəncʌʔʌn] <u>ceremony meal</u> [ŋərjʌʔʌkən] <u>do</u> [dipɛʔi] <u>being picked</u>	[pijəmbʌʔ] <u>alone</u> [suwidʌʔ] <u>sixty</u> [pəndʌʔ] <u>every</u> [ŋlumpɔʔ] <u>gather</u> [təndɔʔ] <u>add</u> [taslʔ] <u>still</u>

Sounds	Initial	Medial	Final
	[ʔuwɫs]	[sʌʔmənɪkɔ]	[ʔʌpɛʔ]
	<u>already</u>	<u>now</u>	<u>pick</u>
	[ʔunjoʔ]	[sʌʔjənɫ]	[pupɔʔ]
	<u>drink</u>	<u>had better</u>	<u>fertilizer</u>
	[ʔuwɫtʰ]	[məsʌʔʌkən]	[rəbɔʔ]
	<u>tree</u>	<u>pity</u>	<u>fertilizer</u>
	[ʔumor]	[piyʌmbʌʔipɔn]	[sədərɛʔ]
	<u>age</u>	<u>him/her</u>	<u>relative</u>
	[ʔəntən]	[kəcəlʌkʌʔʌn]	[disɫʔ]
	<u>there is</u>	<u>accident</u>	<u>first</u>
	[ʔənəm]	[sʌʔubəŋʌn]	[bəpʌʔ]
	<u>six</u>	<u>one circle</u>	<u>father</u>
	[ʔəstɔ]		[ʔənʌʔ]
	<u>hand</u>		<u>child</u>
	[ʔərəp]		[cədʌʔ]
	<u>want/will</u>		<u>near</u>
	[ʔəŋɛɪ]		[ʔəwʌʔ]
	<u>difficult</u>		<u>body</u>
	[ʔɪnkʌŋ]		[bukʌʔ]
	<u>which</u>		<u>open</u>
	[ʔiyɔ]		[sʌyoʔ]
	<u>yes</u>		<u>together</u>
			[jʌloʔ]
			<u>ask for</u>

Sounds	Initial	Medial	Final
[y]	[yɛn] <u>if</u>	[piyʌmbʌʔ] <u>alone</u>	
	[yo] <u>yes</u>	[səbʌgiyʌn] <u>a part</u>	
	[yuyu] <u>crab</u>	[biyʌyʌ] <u>fee</u>	
	[yu] <u>sister</u>	[səʔyo] <u>all</u>	
		[toyɔ] <u>water</u>	
		[rumiyʌn] <u>first</u>	
		[rupiyʌh] <u>rupiyah</u>	
		[ʔiyɔ] <u>yes</u>	
		[piyʌ] <u>how</u>	
		[bʌyəm] <u>amaranth used as a vegetable</u>	
		[kɔyoʔ] <u>like/ as</u>	

Sounds	Initial	Medial	Final
		[liyo] other [ʔyoʔ-ʔyoʔʔn] snatch away [kyʌi] teacher of Islam [niyʌt] aim [kiyʌt] powerful [səmbʌhyʌŋ] pray [wʌyʌh] time	
[j]	[jukoʔ] take [jəroʔ] orange [jʌŋkəp-] complete [jərʌtʰ] scream	[sʌʔjʌnʌ] should/had bet ter [bʌŋjʌr] flood [pʌŋjɛn] place for cere monial meal [pʌŋjʌŋ] long	

Sounds	Initial	Medial	Final
	[jʌwʌh] <u>rain</u>	[pʌnjʌnɔŋʌn] <u>you</u>	
	[jʌmuwʌh] <u>Friday</u>	[gʌnjʌrʌn] <u>prize, reward</u>	
	[jʌgɔŋ] <u>corn</u>	[ʔijo] <u>green</u>	
	[jʌlʌs] <u>clear</u>	[ʔijɔl] <u>change</u>	
	[jʌm] <u>watch</u>	[jətɛtʰ] <u>long dry sea- son</u>	
	[jʌrʌnʌŋ] <u>performance</u> <u>horselike</u>	[ʔʌnjRɛtʰ] <u>descend rapid- ly</u>	
	[jʌwi] <u>Java/outside</u>	[lʌjɔŋ] <u>then</u>	
	[jʌwʌ] <u>Java</u>	[kʌjɔŋ] <u>wood</u>	
		[ŋʌjʌʔ] <u>ask for</u>	
		[siji] <u>one</u>	
		[kərjɔ] <u>work</u>	

Sounds	Initial	Medial	Final
		[bɒnjʊ]	
		<u>tomorrow</u>	
		[mʌju]	
		<u>go foward</u>	
		[pɜːsuəʒ-ʔɜːsuəʒi]	
		<u>persuade</u>	
[c]	[cʌŋkɒpʔ]	[bʌŋcʌʔʌŋ]	
	<u>cover over</u> <u>grave</u>	<u>ceremonial</u> <u>meal</u>	
	[cæpətʔ]	[bʌŋci]	
	<u>fast</u>	<u>effeminate</u>	
	[cʌŋkɒpʔ]	[wʌŋci]	
	<u>enough</u>	<u>time</u>	
	[cʌŋtʃɛlʌŋ]	[pɪcəkʔ]	
	<u>hanger</u>	<u>blind</u>	
	[cɜːkʌʃər]	[cʌŋcʌŋ]	
	<u>curl</u>	<u>be tied</u>	
	[cʌcʌtʔ]	[lʌŋcʌŋ]	
	<u>handicap</u>	<u>dare to do</u> <u>something with</u> <u>out permission</u>	
	[cʌʃəl]	[lʌŋcʌr]	
	<u>finish</u>	<u>fluent</u>	
	[crɪtɔ]	[gʌŋcʌrʌŋ]	
	<u>story</u>	<u>prose</u>	

Sounds	Initial	Medial	Final
	[clurot ²] <u>a kind of mice</u>	[?ɛɔɔ] <u>delicious</u>	
	[cɛrɿ?-cɛrɿ?] <u>scream</u>	[səkɿɔɔ] <u>comfort</u>	
		[mʌɔɿ?] <u>make up</u>	
		[rʌɔɿ?] <u>make the neces- sary prepara- tion</u>	
[s]	[səjʌti] <u>truth</u>	[gʌŋsʌr] <u>fluent</u>	[luwəs] <u>well-mannered</u>
	[sətʌon] <u>a year</u>	[wʌŋsol] <u>go home</u>	[kʌɿɔɔs] <u>like</u>
	[sʌgət ²] <u>able</u>	[mʌsʌ?] <u>cook</u>	[dʌɿɔɔs] <u>become</u>
	[sɿŋ] <u>that/which</u>	[pɿsʌn] <u>once</u>	[?ʌwʌs] <u>sharp-sighted</u>
	[sɛrɿŋ] <u>often</u>	[bɿsɔɔ] <u>able</u>	[wədɔɔs] <u>goat</u>
	[sʌrən] <u>together</u>	[pɿrsɔɔ] <u>know</u>	[səwʌlʌs] <u>eleven</u>
	[slulop ²] <u>diving</u>	[rosɿlʌ] <u>jute</u>	[rɔɔlʌs] <u>twelve</u>

Sounds	Initial	Medial	Final
	[srupot ^ɸ]	[tʌsɿʔ]	[təros]
	<u>sound of slurp</u>	<u>still, yet</u>	<u>then/straight</u>
	[swiwi]	[bɔsɔʔ]	
	<u>wing</u>	<u>rotten</u>	
	[sʌʔ]	[pəsən]	
	<u>good</u>	<u>message</u>	
	[sɔŋɔ]	[pʌsɿr]	
	<u>nine</u>	<u>sand</u>	
	[sikɿl]	[disɿʔ]	
	<u>foot</u>	<u>first</u>	
	[sʌwʌh]	[ʔʌsɿl]	
	<u>rice field</u>	<u>profit</u>	
	[səkɔl]	[ʔʌrisʌn]	
	<u>rice</u>	<u>regular social gathering</u>	
	[sʌʔiki]	[bəsʌr]	
	<u>now</u>	<u>name of Java - nese month</u>	
	[sʌŋu]		
	<u>provisions</u>		
	[sʌmpɛʔ]		
	<u>until</u>		
	[siji]		
	<u>one</u>		

Sounds	Initial	Medial	Final
[ɪ]	[sərɔk] <u>jelous</u>		
	[sri] <u>the name of rice goddess</u>		
	[lʌrɔ] <u>born</u>	[mʌlɔm] <u>night before</u>	[cikʌl] <u>young coconut</u>
	[lʌnʌŋ] <u>man</u>	[pitulʌsʌŋ] <u>celebration of Indonesian freedom</u>	[kumpɔl] <u>gather</u>
	[lɔrɔ] <u>sick</u>	[slʌmɔtʰ] <u>safe</u>	[pɪl] <u>pill</u>
	[lɔrɔ] <u>two</u>	[ʃɔlʌs] <u>clear</u>	[nʌkʌl] <u>naughty</u>
	[liyɔ] <u>other</u>	[gɔlɛʔ] <u>clear</u>	[ʔʌŋɛl] <u>difficult</u>
	[lʌyʌŋ] <u>letter</u>	[ʔɔlmʌ] <u>science</u>	[sɔtʌŋgʌl] <u>one</u>
	[lʌjɔŋ] <u>then</u>	[mɛlu] <u>follow</u>	[ʔʌpʌl] <u>know by heart</u>
	[luwɔh] <u>more</u>	[mlɛsɛt] <u>miss the target</u>	[tʰukɔl] <u>grow</u>
	[lʌŋkɔŋ] <u>more</u>	[ʔʌlʌŋ-ʔʌlʌŋ] <u>coarse grass</u>	[gʌŋsʌl] <u>five</u>

Sounds	Initial	Medial	Final
	[lɔp ^h] <u>watering rice</u>	[mɔlɛʔ] <u>wake up</u>	[dɔmɔl] <u>make</u>
	[lɔrɔŋ] <u>expensive</u>	[gɔlɔ] <u>disappointed</u>	[sɔmpʌl] <u>break</u>
	[lɔbuhɔn] <u>rest time</u>	[mulh] <u>go home</u>	[ʔɔŋsʌl] <u>get</u>
	[lumbɔn] <u>rice barn</u>	[hɔmplɔn] <u>plunge</u>	
	[lɔbɔt] <u>inside</u>	[mɔlɔŋ] <u>send message</u>	
	[lurɔh] <u>village chief</u>		
	[lɔwɔl] <u>yarn</u>		
	[lɔwɔ] <u>cave bat</u>		
[r]	[rɔmpɔn] <u>finish</u>	[sɔrɔm] <u>take a bath</u>	[cɔkɔr] <u>two wheeled bullock cart</u>
	[rupɔ] <u>colour</u>	[bɔrɔs] <u>rice</u>	[bubɔr] <u>after</u>
	[rɔbɔ] <u>wednesday</u>	[lɔrɛ] <u>child</u>	[ʔɔŋgɔr] <u>every time</u>

Sounds	Initial	Medial	Final
	[rumiyʌn]	[ʔukurʌn]	[nɔmər]
	<u>first</u>	<u>size</u>	<u>number</u>
	[rʌmɛ]	[ʔʌrʌh]	[sʌmbər]
	<u>noisy/busy</u>	<u>direction</u>	<u>source</u>
	[rɔk]	[təros]	[bɔcɔr]
	<u>skirt</u>	<u>straight forward</u>	<u>leak</u>
	[rɔkɔʔ]	[bʌrən]	[kəpɔŋkɔr]
	<u>cigarette</u>	<u>together</u>	<u>last</u>
	[rugi]	[puron]	[kʌntɔr]
	<u>lose out</u>	<u>ready</u>	<u>office</u>
	[rusʌʔ]	[ʔurɪp]	[bʌŋjɔr]
	<u>damage</u>	<u>life</u>	<u>then</u>
	[rəsiʔ]	[surʌt]	[gʌŋsʌr]
	<u>clean</u>	<u>letter</u>	<u>fast</u>
	[rʌwɔ]	[sərɪŋ]	[ɪɔr]
	<u>liana causing itching</u>	<u>often</u>	<u>North</u>
	[rɪnɪ]	[prɛi]	[pʌgər]
	<u>here</u>	<u>free/holiday</u>	<u>hedge</u>
	[rɔwɔ]	[surɔ]	[tʌndɔr]
	<u>swamp</u>	<u>name of Javanese</u>	<u>plant</u>
		[ŋrəsəpʌkən]	
		<u>be so kind</u>	

Sounds	Initial	Medial	Final
[R]	[Rɔkən] <u>ask some one to shake the tree</u>	[sʌrɫ] <u>sleep</u> [suri] <u>comb</u> [pɪrɔ] <u>how many/much</u> [jʌrʌnʌn] <u>performance</u> <u>hourselike</u> [ʔʌmrɪh] <u>so that</u> [sʊmərʌp] <u>know</u> [ŋɔrɔʔ] <u>snore</u> [ʔʌŋjRɛtʰ] <u>descent rapidly</u> [gRɔpyɔʔ] <u>overwhelm</u> [ʔʌjRɪh] <u>afraid</u> [ŋgRɔk] <u>pick the fruit by shaking</u>	

Sounds	Initial	Medial	Final
[h]	[hɪktʌr] <u>hectare</u> [hɑmparɑn] <u>area</u>	[lʌhɑn] <u>land/area</u> [lʌbuhɑn] <u>rest time</u> [tʌhu] <u>tofu</u>	[luwɫh] <u>more</u> [sawʌh] <u>rice field</u> [ʔiŋgɪh] <u>yes</u> [sʌgoh] <u>ready</u> [pɔlʌh] <u>move</u> [bɔlʌh] <u>thread</u> [jʌtʌh] <u>allocation</u> [gʌdʌh] <u>have</u> [gɪŋjʌh] <u>a kind of rice</u> [ñilɫh] <u>borrow</u> [mulɫh] <u>go home</u> [səpindʌh] <u>once</u>

Sounds	Initial	Medial	Final
			[kʌbɛh] <u>all</u>
			[wɪnɪh] <u>seed</u>
			[sugɪh] <u>rich</u>
			[ʔʌdɔh] <u>far</u>
			[ʔʌkɛh] <u>a lot</u>
			[wʌyʌh] <u>time/ grand child</u>
			[kədʌh] <u>must</u>
			[ʔɔmʌh] <u>house</u>
			[putɪh] <u>white</u>
			[tʌmbʌh] <u>add</u>
			[ʔɔbʌh] <u>move</u>

3.1.2. Phone Map of Contoid

From the sounds that are obtained, the phone map of contoid of Nganjuk Javanese dialect is :

Contoid of Nganjuk Javanese Dialect

		bilabial	labiodental	dental	alveodental	alveolar	palato-alveolar	palatal	velar	uvular	glotal	laryngeal.
stop	voiceless	p p'				t t'	.t		k k'		ʔ	
	voiced	b			d	d.			g			
Africate	voiceless							c				
	voiced							j				
fricative	voiceless					s						h
	voiced											
lateral						l						
trill						r				R		
nasal		m				n		ɲ	ŋ			
semivowel			w					y				

3.1.3. Contoid Description

Classifying of contoid is based on : (a). manner of articulation, (b) place of articulation, (c) the condition of vocal cords and (d) the condition of airstream.

- a. Based on manner of articulation, contoids of Nganjuk Javanese dialect are divided into stop, affricate, fricative, lateral, trill, nasal and approximant (semivowel).
- b. Based on place of articulation, contoids of Nganjuk Javanese dialect are divided into bilabial, alveodental, alveolar, palato-alveolar, velar, uvular, glotal and laryngal.
- c. Based on the condition of the vocal cords, contoids of Nganjuk Javanese dialect are divided into voiced and voiceless.
- d. Based on the condition if the airstream contoids of Nganjuk Javanese dialect are divided into release and transition.

3.1.4. Contoid Ilustration

1. [p] is stop contoid, bilabial, voiceless, release. The air that will flow through the mouth is totally obstructed the lips and then exploded; the vocal cords

are not vibrating.

Example : [p nton] 'rice'.

2. [p] is stop contoid, bilabial. voiceless, transition. The air that will flow through the mouth is totally obstructed by the lips, but is not exploded immediatelly; the vocal cords are not vibrating.

Example : [ʔ ur\p̄] 'life'.

3. [b] is stop contoid, bilabial, voiced, release. The air that will flow through the mouth is obstructed by the lips, then it is exploded; the vocal cords are vibrating.

Example : [bəlʌs] ' nothing'.

4. [d] is stop contoid, alveodental, voiced, release. The air that will flow through the mouth is obstructed by the tip of the tongue against the blade of the teeth (part of the teeth between tip of the teeth and alveolar), then exploded after tip of the tongue is down; the vocal cords are vibrating. e.g. [dʌdʌs].

5. [t] is stop contoid, alveolar, voiceless, release. The air that will flow through the mouth is obstructed by the tip of the tongue against the gum behind the upper front teeth, then exploded after the tip of the tongue is down; the vocal cords are not vibrating.

Example : [tʌni] 'farmer'.

6. [t] is stop contoid, alveolar, voiceless, transition.

The air that will flow through the mouth is obstructed by the tip of the tongue against the gum behind the upper front teeth, but it is not immediately exploded; the vocal cords are not vibrating.

Example : ['ʌlʌmʌt̚] 'address'.

7. [d] is stop contoid, alveolar, voiced, release. The air that will flow through the mouth is obstructed by the tip of the tongue against the gum behind the upper front teeth, then exploded after the tip of is down; the vocal cords are vibrating.

Example : [gɔdɔŋ] 'leaf'.

8. [t] is stop contoid, palato-alveolar, voiceless, release. The air that will flow through the mouth is obstructed by the tip of the tongue against the back of the alveolar ridge then exploded after the tip of the tongue is down; vocal cords are not vibrating.

Example : [ʈukol] 'grow'.

9. [k] is stop contoid, velar, voiceless, release. The air that will flow through the mouth is obstructed by the back of the tongue against soft palate, then exploded after the tongue is down; the vocal cords are not vibrating.

10. [k̚] is stop contoid, velar, voiceless, transition. The air that will flow through the mouth is

obstructed by the back of the tongue against soft palate, but it is not immediately exploded; the vocal cords are not vibrating.

Example : [mʌntɔk^h] 'duck'.

11. [g] is stop contoid, velar, voiced, release. The air that will flow through the mouth is obstructed by the back of the tongue against the soft palate, then exploded after the tongue is down; the vocal cords are vibrating.

Example : [gʌŋsʌl] 'five'.

12. [ʔ] is stop contoid, glotal, voiceless, transition. The air is obstructed because of the vocal cords are completely closed, then because of this airstream, vocal cords are open and it is causing sound; the vocal cords are not vibrating, the air does not immediately flow.

Example : [ʔupʌmi] 'if'.

13. [c] is affricate contoid, palatal, voiceless, release. The air that will flow through the mouth is obstructed by the blade of the tongue against the hard palate, then exploded after the blade of the tongue is down; vocal cords are not vibrating.

Example : [cuŋkop] 'dome/cover over the grave'.

14. [j] is affricate contoid, palatal, voiced, release. The air that will flow through the mouth is

obstructed by the blade of the tongue against the hard palate, then exploded after the blade of the tongue is down; vocal cords are vibrating.

Example : [tʃʊkʊ] 'take'.

15. [s] is fricative contoid, alveolar, voiceless, release. The air that will flow through the mouth is partially obstructed by the blade of the tongue against the gum behind the upper front teeth; vocal cords are not vibrating.

Example : [sətʌn] 'a year'.

16. [h] is fricative contoid, laryngal voiceless release. The air flow as turbulent, vocal cords are not vibrating.

Example : [lʌhʌn] 'area'.

17. [l] is lateral, contoid, alveolar, voiced, release. The air that will flow through the mouth is partially obstructed by tip of the tongue against the gum behind the upper front teeth; vocal cords are vibrating.

Example : [lʌr] 'born'.

18. [r] is trill contoid, alveolar, voiced, release. The air that will flow through the mouth is obstructed by the tip of the tongue against the gum behind the upper front teeth, then released, but immediately pressed again. This condition happens for several

times; vocal cords are vibrating.

Example : [rʌmpoŋ] 'finish'.

19. [R] is trill contoid, uvular, voiced, release. The air that will flow through the mouth is obstructed by the tip of tongue againsts the back of hard palate, then the tongue is released, but immediately pressed again. This condition happens several times; vocal cords are vibrating.

Example : [ʀʌnjRɛt] 'descend rapidly'.

20. [m] is nasal contoid , bilabial, voiced, release. The air that will flows through the nose, because the air stream through the mouth is obstructed by the lips; vocal cords are vibrating.

Example : [mʌŋkɪ] 'later'.

21. [n] is nasal contoid, alveolar, voiced, release. The air flows through the nose, because the airstream through the mouth is obstructed by tip of the tongue against the gum behind the upper front teeth; vocal cords are vibrating.

Example : [nʌmi] 'name'.

22. [ɲ] nasal contoid, palatal, voiced, release. The air flows through the nose, because the airstream through the mouth is obstructed by the blade of the tongue against the hard palate; the vocal cords are vibrating.

Example : [ŋɔŋɔ] 'guess'.

23. [ŋ] is nasal contoid, velar, voiced, release. The air flow through the nose, because the airstream through the mouth is obstructed by the back of the tongue against the soft palate; the vocal cords are vibrating.

Example : [ŋəɪə m] 'praise'.

3.2. DATA ANALYSIS

3.2.1. Suspicious Consonant Phoneme Pairs

Consonant phoneme pairs of wich the phonemic status is doubted are :

1. [p - b]
2. [b - w]
3. [t - d]
4. [t - ḍ]
5. [t - ṭ]
6. [ḍ - d]
7. [k - g]
8. [k - ?]
9. [h - k]
10. [j - y]
11. [j - c]

12. [c - s]
13. [l - r]
14. [r - R]
15. [m - n]
16. [n - ŋ]
17. [ñ - n]
18. [ñ - ŋ]

3.2.2. Consonant phoneme Authentication

The authentication of Nganjuk Javanese consonant phonemes are proven by minimal pairs, complementary distribution and analogical environment. Authentication by complementary distribution and analogical environment are done if minimal pairs are not available.

- a. Sounds [p] and [b] are two different phonemes, because they contrast in minimal pairs.

Table 2.
Phonemes /p/ and /b/

Sounds	Minimal pairs	
[p]	[pɔsɔ]	[pəʔʌʔ]
	fasting	white
[b]	[bɔsɔ]	[bəʔʌʔ]
	using high level of javanese	cooking rice

So, in Nganjuk Javanese dialect /p/ and /b/ are separate phonemes.

- b. Sounds [b] and [w] are two different phonemes, because they contrast in minimal pairs.

Table 3.
Phonemes /b/ and /w/

Sounds	Minimal pairs	
[b]	[bɔlu]	[bʌlʔ]
	spongecake	go home
[w]	[wɔlu]	[wʌlʔ]
	eight	upside

So, in Nganjuk Javanese dialect /b/ and /w/ are separate phonemes.

- c. Sounds [t] and [d] are two different phonemes, because they contrast in minimal pairs.

Table 4.
Phonemes /t/ and /d/

Sounds	Minimal pairs
[t]	[mɔtɔ] eye
[d]	[mɔdɔ] make the same

So, in Nganjuk Javanese dialect /t/ and /d/ are separate phonemes.

- d. Sounds [t] and [d] are two different phonemes, because they contrast in minimal pairs.

Table 5.
Phonemes /t/ and /d/

Sounds	Minimal pairs
[t]	[tɔwɔ] [sɔtɔ] tasteless tobacco
[d]	[dɔwɔ] [sɔdɔ] long palm leaf rib

So, in Nganjuk Javanese dialect /t/ and /d/ are separate phonemes.

- e. Sounds [t] and [ɬ] are two different phonemes, because they contrast in minimal pairs.

Table 6.
Phonemes /t/ and /ṭ/

Sounds	Minimal pairs	
[t]	[pətʌʔ] peace of land	[kʌnti] be patient
[ṭ]	[pəṭʌʔ] white	[kʌnṭi] with/by

So, in Nganjuk Javanese dialect /t/ and /ṭ/ are separate phonemes.

- f. Sounds [ɖ̣] and [ɖ] are two different phonemes, because they contrast in minimal pairs.

Table 7.
Phonemes /ɖ̣/ and /ɖ/

Sounds	Minimal pairs	
[ɖ̣]	[kʌɖ̣ʌŋ] sometimes	[kʌɖu] a kind of plants
[ɖ]	[kʌɖʌŋ] relative	[kʌɖu] must

So, in Nganjuk Javanese dialect /ɖ̣/ and /ɖ/ are separate phonemes.

- g. Sounds [k] and [g] are two different phonemes, because they contrast in minimal pairs.

Table 8.
Phonemes /k/ and /g/

Sounds	Minimal pairs	
[k]	[kulɔ]	[kulɔn]
	I	west
[g]	[gulɔ]	[gulɔn]
	sugar	collar

So, in Nganjuk Javanese dialect /k/ and /g/ are separate phonemes.

- h. Sounds [k] and [ʔ] are not two different phonemes
1. Sound [k] that occur in initial and medial can not replaced by sound [ʔ]
 - kulɔ can not replaced by ʔulɔ
 - kʌlɪh can not replaced by ʔʌlɪh
 - kʌŋgɔ can not replaced by ʔʌŋgɔ
 - mənɪkɔ can not replaced by mənɪʔɔ
 - mʌŋkɛ can not replaced by mʌnʔɛ
 - cukop can not replaced by cuʔop
 2. Sounds [ʔ] and [k] in the final position of the word are complementary distribution.

Table 9.
The allophones of phoneme /k/
in the final position

Sounds	Complementary Distribution	
[k]	mʌdək ^h	'stand'
	ʔəndək ^h	'egg'
	mʌntək ^h	'duck'

	picək̚	'blind'
[ʔ]	piyʌmbʌʔ	'alone'
	ŋlumpoʔ	'gather'
	ʌpɛʔ	'pick'
	rʌboʔ	'fertilizer'
	səderɛʔ	'relative'
	disɪʔ	'first'

3. Sound [ʔ] that occurs in initial and medialis not the allophone of phoneme /k/, but it is only a glotal stop.

ʔupʌmi	'if'
ʔulɔ	'snake'
sʌʔiki	'now'
ʔʌpʌl	'know by heart'
ʔʌku	'I'

So, in Nganjuk Javanese dialect sound [ʔ] is the allophone of phoneme /k/.

i. Sounds [h] and [k] are two different phonemes, because they contrast in analogical environment, and they cannot replace each other.

Table 10
Phonemes /h/ and /k/

Sounds	Analogical Environment		
[h]	[hʌmpʌrʌn] area	[lʌhʌn] land	[ʔʌdɔh] far
[k]	[kʌmbɪl] coconut	[pʌkʌn] meal for pet	[ʔəndɔk] egg

So, in Nganjuk Javanese dialect /h/ and /k/ are

separate phonemes.

- j. Sounds [j] and [y] are two different phonemes, because they contrast in analogical environment, and they can not replace each other.

Table 11
Phonemes /j/ and /y/

Sounds	Analogical environment	
[j]	[?ijɔl] change	[ŋɔjɔ?ɔjɔ?] persuade
[y]	[?iyɔ] yes	[?ɔyɔ?-?ɔyɔʔʌn] snatch away

So, in Nganjuk Javanese dialect /j/ and /y/ are separate phonemes.

- k. Sounds [c] and [j] are two different phonemes, because they contrast in minimal pair.

Table 12.
Phonemes /c/ and /j/

Sounds	Minimal pair
[c]	[gʌncʌrʌn] prose [g]
[j]	[gʌnjʌrʌn] prize, reward

So, in Nganjuk Javanese Dialect /c/ and /j/ are separate phonemes.

1. Sounds [s] and [c] are two different phonemes, because they contrast in minimal pair.

Table 13.
Phonemes /s/ and /c/

Sounds	Minimal pair
[s]	[mʌsʌʔ] cook
[c]	[mʌcʌʔ] make up

So, in Nganjuk Javanese Dialect /s/ and /c/ are separate phonemes.

- m. Sounds [l] and [r] are two different phonemes, because they contrast in minimal pairs.

Table 14.
Phonemes /l/ and /r/

Sounds	Minimal pairs
[l]	[cikʌl] [lɔwɔ] young coconut cave bat
[r]	[cikʌr] [rɔwɔ] two wheeled swamp bullock cart

So, in Nganjuk Javanese Dialect /l/ and /r/ are separate phonemes.

- n. Sounds [r] and [R] are not two different phonemes,

because they don't contrast in minimal pairs and never occupy the same position. [r] occurs in all position of word except in clusters with voiced non nasals. This position is occupied by [R].

Table 15.
Complementary distribution
of Sounds [r] and [R]

Sounds	Complementary distribution
[r]	[rɔkɔʔ] 'cigarette' [bʌrən] 'together' [prɛi] 'free/holiday' [ŋrəsəpʌkən] 'be so kind'
[R]	[ʔʌnjRɛt] 'descend rapidly' [gRɔpyɔʔ] 'overwhelm' [ʔʌjRʌh] 'afraid' [gɔgRɔʔ] 'fall prematurely' [dRɔdɔʔ] 'beat rapidly' [dRʌmbʌn] 'drumband'

Sounds [R] in the initial of [Rɔkən] that means ask someone to shake the tree is effected by its stem (adverb) [gɔgRɔʔ] that means fall prematurely that become verb [ngRɔʔ].

So, sound [R] is not a phoneme, but an allophone of phoneme /r/.

- o. Sounds [m] and [n] are two different phonemes, because they contrast in minimal pairs.

Table 16
Phonemes /m/ and /n/

Sounds	Minimal Pairs	
[m]	[mɔtɔ]	[mʌri]
	eye	recover
[n]	[nɔtɔ]	[nʌri]
	put in order	dance

So, in Nganjuk Javanese dialect /m/ and /n/ are separate phonemes.

- p. Sounds [n] and [ŋ] are two different phonemes, because they contrast in minimal pairs.

Table 17
Phonemes /n/ and /ŋ/

Sounds	Minimal Pairs	
[n]	[tʌni]	[nəɾʌʔ]
	farmer	hit
[ŋ]	[tʌŋi]	[ŋəɾʌʔ]
	wake-up	dry, for season

So, in Nganjuk Javanese dialect /n/ and /ŋ/ are separate phonemes.

- q. Sounds [ñ] and [n] are two different phonemes, because they contrast in minimal pairs.

Table 18
Phonemes /ñ/ and /n/

Sounds	Minimal Pairs	
[ñ]	[ñɔtɔ]	[ñʌndʌʔ]
	real	touch
[n]	[nɔtɔ]	[nʌndʌʔ]
	put in order	dance

So, in Nganjuk Javanese dialect /ñ/ and /n/ are separate phonemes.

- r. Sounds [ñ] and [ŋ] are two different phonemes, because they contrast in minimal pairs.

Table 19
Phonemes /ñ/ and /ŋ/

Sounds	Minimal Pairs	
[ñ]	[ñɔnɔ]	[ñʌmoʔ]
	guess	mosquito
[ŋ]	[ŋɔnɔ]	[ŋʌmoʔ]
	(like) that	angry

So, in Nganjuk Javanese dialect /ñ/ and /ŋ/ are separate phonemes.

3.2.3 Consonant Phonemes and Its Allophones

In Nganjuk Javanese Dialect there are twenty consonant phonemes /p/, /b/, /w/, /d/, /ḍ/, /t/, /ṭ/, /k/, /g/, /h/, /j/, /c/, /s/, /l/, /r/, /m/, /n/, /ŋ/, and /ŋ̣/. The table below describes the occurrence of consonant phonemes and its allophone :

a. Consonant /p/ with its allophones [p] and [p=]

Table 20.
Allophones of Consonant /p/

Allophone	Initial	Medial	Final
[p]	[puron] willing	[sʌmpɛ]	-
[p=]	-	-	[ʔʌrɔp=] want

Note :

1. Allophone [p] is the onset of a syllable, release.
2. Allophone [p=] is the coda of a syllable, transition.

b. Consonant /b/ has the allophone [b]

Table 21.
Allophone of Consonant /b/

Allophone	Initial	Medial	Final
[b]	[bʌnjɛr] flood	[kʌbɛh] all	-

Note :

1. Allophone [b] is the onset of a syllable, release.

c. Consonant /w/ has the allophone [w]

Table 22.
Allophone of Consonant /w/

Allophone	Initial	Medial	Final
[w]	[wʌyʌh] time	[sɛwu] a thousand	-

Note :

- Allophone [w] is the onset of a syllable, release.

d. Consonant [d] has the allophone [d]

Table 23.
Allophone of Consonant /d/

Allophone	Initial	Medial	Final
[d]	[dɪntən] day	[sʌdɪ] sell	-

Note :

- Allophone [d] is the onset of a syllable, release.

e. Consonant /d/ has the allophone [d̥].

Table 24.
Allophone of Consonant /d/

Allophone	Initial	Medial	Final
[d̥]	[d̥ud̥oʔ] dig	[pund̥ɛn] grave	-

Note :

- Allophone [d̥] is the onset of a syllable, release.

f. Consonant /t/ has allophones [t] and [t=]

Table 25.
Allophones of Consonant /t/

Allophone	Initial	Medial	Final
[t]	[tigɔ] three	[wɔntɔn] there is	-
[t=]	-	-	[liwʌt] pass

Note :

- Allophone [t] is the onset of a syllable, release.

- Allophone [t=] is the coda of a syllable, transition.

g. Consonant /t/ has the allophone [t̚].

Table 26.
Allophone of Consonant /t/

Allophone	Initial	Medial	Final
[t̚]	[t̚olɪ] son	[cut̚əl] finish	-

Note :

- Allophone [t̚] is the onset of a syllable, release.

h. Consonant /k/ has allophones [k], [k=], [ʔ]

Table 27.
Allophones of Consonant /k/

Allophone	Initial	Medial	Final
[k]	[kurʌŋ] less	[sukɔ] glad	-
[k=]	-	-	[picək] blind
[ʔ]	-	-	[pəndʌʔ] every

Note :

- Allophone [k] is the onset of a syllable, release.

- Allophone [k=] is the coda of a syllable, transition.

- Allophone [ʔ] is the coda of a syllable, transition.

i. Consonant /g/ has the allophone [g].

Table 28.
Allophone of Consonant /g/

Allophone	Initial	Medial	Final
g	gʌŋsʌl five	sʌgət able	-

Note :

- Allophone [g] is the onset of a syllable, release.

j. Consonant /h/ has the allophone [h]

Table 29.
Allophone of Consonant /h/

Allophone	Initial	Medial	Final
[h]	[hʌmpʌrʌŋ] area	[tʌhu] tofu	[luwʰh] more

Note :

- Allophone [h] is the onset and coda of syllables.

k. Consonant /j/ has the allophone [j]

Table 30.
Allophone of Consonant /j/

Allophone	Initial	Medial	Final
[j]	[juko'] take	[bʌnjʌr] flood	-

Note :

- Allophone [j] is the onset of a syllable, release.

l. Consonant /y/ has the allophone [y].

Table 31.
Allophone of Consonant /y/

Allophone	Initial	Medial	Final
[y]	[yu] sister	[səðɔyɔ] all	-

Note :

- Allophone [y] is the onset of a syllable, release.

m. Consonant /c/ has the allophone [c]

Table 32.
Allophone of Consonant /c/

Allophone	Initial	Medial	Final
[c]	[cəpət] fast	[wʌnci] time	-

Note :

- Allophone [c] is the onset of a syllable, release.

n. Consonant /s/ has the allophone [s]

Table 33.
Allophone of Consonant /s/

Allophone	Initial	Medial	Final
[s]	[sʌrəŋ] together	[pɪrsɔ] know	[dʌdɔs] become

Note :

- Allophone [s] is the onset and coda of syllables.

o. Consonant /l/ has the allophone [l]

Table 34.
Allophone of Consonant /l/

Allophone	Initial	Medial	Final
[l]	[lʌr] born	[jəʌs] clear	[cikʌl] young coconut

Note :

- Allophone [l] is the onset and coda of syllables.

p. Consonant /r/ has the allophones [r] and [R]

Table 35.
Allophones of Consonant /r/

Allophone	Initial	Medial	Final
[r]	[rʌmpɔŋ] finish	[lʌrɪ] child	[bɔcɔr] leak
[R]	-	[ʔʌjreh] afraid	-

Note :

- Allophone [r] is the onset and coda of syllables.

- Allophone [R] is the onset cluster of a syllable, release.

q. Consonant /m/ has the allophone [m]

Table 36.
Allophone of Consonant /m/

Allophone	Initial	Medial	Final
[m]	[mʌndɔt] buy	[tʌmɔ] louse	[ʔʌnɔm] six

Note :

- Allophone [m] is the onset and coda of syllables.

r. Consonant /n/ has the allophone [n]

Table 37.
Allophone of Consonant /n/

Allophone	Initial	Medial	Final
[n]	[nʌmi] name	[tʌndɔr] plant	[ʔʌn] east

Note :

- Allophone [n] is the onset and coda of syllables.

s. Consonant /ŋ/ has the allophone [ɲ]

Table 38.
Allophone of Consonant /n/

Allophone	Initial	Medial	Final
[ɲ]	[ɲɔtɔ] real	[bʌɲu] water	-

Note :

- Allophone [ɲ] is the onset of a syllable.

t. Consonant /ŋ/ has the allophone [ŋ]

Table 39.
Allophone of Consonant /ŋ/

Allophone	Initial	Medial	Final
[ŋ]	[ŋɔləm] praise	[mʌŋkɔ] will	[sʌkɔŋ] from

Note :

- Allophone [ŋ] is the onset and coda of syllables.

3.2.4 Consonant Phoneme Distribution

Consonant Phonemes Distribution of Nganjuk Javanese dialect can be seen in the table below :

Table 4 .

Consonant Phoneme Distribution

Cons.	Initial	Medial	Final
/p/	[pʌyʌh] tired	[bʌpʌʔ] father	[təropʰ] awning
/b/	[bəlʌs] nothing	[gʌbʌh] rice	-
/w/	[wɔlu] eight	[ɖuwe] have	
/ɖ/	[ɖʌɖɔs] become	[kʌɖʌŋ] relative	-
/d/	[dugʌl] dig	[pindo] twice	-
/t/	[təros] then	[wɔntən] there	[duwɔtʰ] money
/t/	[tʌkol] grow	[pətʌʔ] white	
/k/	[kene] here	[cukop] enough	[rʌbokʰ] fertilizer
/g/	[gareŋ] sick	[sʌgət] able	-
/h/	[hɛktʌr] hectare	[tʌhu] tofu	[luweh] more
/j/	[jʌŋkəp] complete	[pʌŋjʌŋ] long	-
/y/	[yɛn] if	[səɖɔyɔ] all	-

Cons.	Initial	Medial	Final
/c/	[cəpət] fast	[wancɪ] time	-
/s/	[sʌrəŋ] together	[persɔ̃] know	[səwələs] eleven
/l/	[lʌnʌŋ] men	[mɛlu] follow	[ʌpʌl] know by heart
/r/	[rupɔ̃] colour	[bərəs] rice	[bubʌr] after
/m/	[mlʌku] walk	[numpʌʔ] ride	[kʌgəm] for
/n/	[nʌri] dance	[tʌni] farmer	[bɔ̃tən] no
/ŋ/	[ŋʌrət] weed	[bəŋi] night	[bərəŋ] together
/ñ/	[ñɛwɔ̃] hire	[ʌñəp] cold	-

3.2.5. The cluster Occurrence

Clusters that occur in Nganjuk Javanese dialect are:

/pl/ in [plʌor]	'had better'
/pr/ in [oprʌsi]	'operation'
/py/ in [grɔpyɔʔ]	'overwhelming'
/br/ in [brʌmbʌŋ]	'onion'
/bl/ in [blʌʔ]	'lines for rice field'
/tr/ in [trimɔ]	'accept'
/ml/ in [mlʌku]	'walk'
/mr/ in [mrucot]	'released'
/nr/ in [nrimɔ]	'accept'
/nl/ in [nlisɔp]	'slipped'
/ŋr/ in [ŋrəndəm]	'(do) submerged'
/ŋl/ in [nlʌbor]	'paint'
/ñl/ in [ñlɛŋɔr]	'turn on'
/ñr/ in [ñrupot]	'slurp'
/gr/ in [grɔpyɔʔ]	'overwhelming'
/gl/ in [glɔʔʌʔ]	'lie down'
/kr/ in [krʌkʌl]	'stone'
/ky/ in [kyʌi]	'teacher of Islam'
/kw/ in [kwʌli]	'clay pot'
/kl/ in [klɔbu]	'can enter'
/jr/ in [ʔʌjrɔh]	'afraid'
/jl/ in [ʔʌnjlɔʔ]	'descent rapidly'

/cr/ in [critɔ]	'story'
/cl/ in [clurot]	'a kind of mice'
/sl/ in [slulop]	'diving'
/sr/ in [sri]	'the name of rice crop goddess'
/sw/ in [swiwi]	'wing'

CHAPTER IV

CONCLUSION