









































































0	Material for earth, gravel a Soil: usabili	S2.2: M nd crushed st ty rema	aterial for LV one roads Arks	/RR maintena	nce
No.	Types of soil	For refilling ea The commonly used soll	rth road-bed an The usable ( soil ) ( (+)	d road surface Soils that are not allowed to use (-)	
1	Sandy clay (more clay, less sand)				
2	Clayey sand (more sand, less clay)				
3	Sandy clay mixed with laterit				
4	Clayey sand mixed with laterit				
5	Clay		+		
					/
12	Muddy soil				
13	Humus (with many grass roots and wastes)				





	Natur	al gravel	
Types of gravel	/Place where gravel is available	Features	Construction Requirement
Alluvial gravel	Rivers or streams in mountainous areas	Mix of pebble and sand Without plastic elays.	<ul> <li>Remove over sized pebble</li> <li>Add more clays to increase plasticity and make it easy to compact</li> </ul>
Laterite	Hills in midland region	<ul> <li>Red - brown color.</li> <li>Formed by dark brown laterites in different sizes.</li> <li>Include a lot of clays.</li> </ul>	Reduce clays. - Used at appropriate moisture
Colluvial gravel	Rolling terrain in mountainous and midland areas	<ul> <li>Yellow or bright brown color</li> <li>Include a lot of pebbles and clays.</li> </ul>	<ul> <li>Reduce clays (if clay content is high).</li> <li>Used at appropriate moisture</li> </ul>

















































































![](_page_41_Figure_0.jpeg)

![](_page_41_Figure_1.jpeg)

![](_page_42_Figure_0.jpeg)

![](_page_42_Picture_1.jpeg)

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![](_page_44_Picture_0.jpeg)

![](_page_44_Figure_1.jpeg)

![](_page_45_Figure_0.jpeg)

![](_page_45_Figure_1.jpeg)

![](_page_46_Figure_0.jpeg)

D	Material for earth, gravel a	S2.2: M nd crushed st	aterial for L\ one roads	/RR maintena	ince
	កំណត្កសំគាល្កដីដែលត្រូវ ប្រើក្រាស្ក Soil: usability remarks				
No.	Types of soil	For refilling ea The commonly used soil	rth road-bed an The usable ( soil ) ( (+)	d road surface Soils that are not allowed to t use (-)	
1	ល្បាយដីខ្ថាថ្ក Sandy Clay (more clay, less sand)				
2	ល្បាយដីពូដី Clayey sand (more sand less clay)				
3	ល្បាយដីពូដ៍លាយគ្រួសក្រហម Sandy Cla	ay mixed with lateri	t		
4	ល្បាយដីខ្ល ច្រលាយត្រូសក្រហម Clayey sand mixed with laterit				
5	ដីពូមី Clay		+		
					/
12	ដីភាក្ក Muddy soil				
13	ដីល្បាយកំទេចកំទីសៅ, ប <b>ផ្</b> វឈើ Humus (with many grass roots and wastes				

![](_page_47_Figure_0.jpeg)

L	ព្រួ	សធមជិាតិ Natural g	gravel
ប្រភេទគ្រួស Types of gravel	ទីតាំងដែលអាចរកា នេ Place where gravel is available	លក្ខណ <sup>ី</sup> រូប Features	តំរូវការសាងសង្ក Construction Requirements
គ្រសសិង Alluvial gravel	តំបន្តមាត្តស៊ីដតាម ជើងភ្នំ Rivers or streams in mountainous areas	លាយជាមួយក្រាបក្រសូអាចម័ណ្យស និងជំនួរ ច្រក់ាន កាត់ស្ថិត Mix of Debple and sand Without plastic clays	្ធរើសយកចេញនូវ គ្រាប្តធំ ពោក Remove over sized pebble ប្រជុំនមដីពួង ដើម្បីអោយមានភាពលិតខាំចូលភ្ន Add more clays to increase plasticity and make it easy to compact
ដីក្រហម Laterit	តំបន្តខ្ពង្ករាប Hills in midland region	_ ពណ៌ក្រហមទង្កាដែង Red – brown color _ បអ្វើតឡើងដោយដីគ្រួសក្រហម ទំហំត្រាបុខុស គ្នា Formed by dark brown laterites in different sizes _ មានដំបូដីច្រើន Include a lot of clays	កាក្កបន្ថយបរិទាណដំពូដី Reduce clays ប្រើទូវក៏រិតសំណើមសមរម Used at appropriate moistute
ព្រុសភ្នំ Colluvial gravel	ពំប័ន្តភ្ជុំ Rolling terrain in mountainous and midland areas	. ពណ៌លឿងកឹ±រទង្គរ់ដែងភឺ≟ellow or bright brown color . មានល្បាយគ្រួសអាចម៉ង្ស័យច្រើនលាយ ដោមយនឹងដី include a lot of pebbles ១៧ claw	_ តាត្តបន្ទយដីឡូដី Reduce clays (if clay content is high) _ ប្រើនូវក៏រិតសំណើមសមរម Used at appropriate moisture

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