

STANDARD TRACK STRUCTURE DATA

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Ballast Section Details		
Characteristic	Ballast	Sub-ballast
Depth under tie at rail seat (mm)	300	150
Ballast depth at the tie centre (mm)	270	
Depth - tie + ballast (mm)	478	n/a
Shoulder width (mm)	400	400
Height of shoulder heaps (mm)	0	n/a
Heap peak from end of tie (mm)	50	n/a
Shoulder slope (1 : X)	1,5	1,5
Recommended ballast + sub-ballast depth (mm)	350	
Width at shoulder (mm)	3,391	5,836
Width at toe (mm)	5,036	6,315
Section volume (m ³ /km)	2,056	911
Volume net of ties (m ³ /km)	1,867	n/a

Track Forces	
Sleeper type	CPR No.1
Subgrade cross-slope	4,0%
Subgrade center peaked (Yes / No)	Y
Tie / ballast pressure (kPa)	272,2
Ballast / sub-ballast pressure (kPa)	208,8
Sub-ballast / subgrade pressure (kPa)	125,8
Subgrade strength (kPa)	172,4

Note : Numbers in red are input parameters.

