



DETAIL AT 'Y'

SUMMARY OF WEIGHTS (ESTIMATED)	MEASURES
UNDERFRAME, BODY SIDES ROOF & ENDS COMPLETE	8.31 t.
FLOOR PLATES	0.92 t.
UNDERFRAME BRAKE GEAR, AIR BRAKE EQUIPMENT INCLUDING PIPING	0.55 t.
TWO CBC COMPLETE (NON TRANSITION) WITH YOKES AND DRAFT GEAR	1.32 t.
BOGIES COMPLETE EXCEPT SPRINGS, WHEELS & AXLES, CARRIAGE BEARINGS WITH ADAPTERS AND CENTRE PIVOTS	10.8 t.
FOUR PAIRS OF WHEELS AND AXLES	
EIGHT CARRIAGE BEARING UNITS AND ADAPTERS	
BOLSTER SPRINGS AND SNUGGER SPRINGS	
CENTRE PIVOT ASSEMBLIES	
BOGIE BRAKE GEAR COMPLETE	
VOLUMETRIC CAPACITY	81.0 cum.
ESTIMATED TARE	21.9 t.
GROSS WEIGHT AS PER AXLE LOAD (22.9x4)	91.60 t.
CARRIAGE CAPACITY	69.7 t.
GROSS WEIGHT PER METRE RUN OVER COUPLING FACES	8.35 t.
RATIO OF CARRIAGE CAPACITY TO TARE	3.18
AXLE LOAD	22.9 t.
DISTANCE OF C.G. FROM R.L. (EMPTY)	-
DISTANCE OF C.G. FROM R.L. (LOADED)	-
NO. OF WAGONS IN 636m TRAIN	58
PAY LOAD PER TRAIN	4042.6 t.

DATA (WAGON)	WAGON UNDER TARE (t-m)
HEIGHT OF CENTRE LINE OF CENTRE BUTTER COUPLER FROM RAIL LEVEL	1105
DISTANCE BETWEEN WHEEL FLANGE AND BOTTOM OF FLOOR	240.5
DISTANCE BETWEEN TOP & BOTTOM SIDE BEARERS	NIL
HEIGHT OF TOP OF SCALE BAR AT BOGIE CENTRE FROM R.L.	1269
DISTANCE BETWEEN LOWEST FITTING (BOGIE PULL ROD SAFETY STRAP) AND R.L.	155
VERTICAL DISTANCE BETWEEN LOWEST PART OF U/F (BOLSTER BOTTOM FLANGE AND TOP OF BOGIE SIDE FRAME AT CENTRE)	260
VERTICAL DISTANCE BETWEEN LOWEST PART OF U/F (CROSSBAR BOTTOM FLANGE AND TOP OF BOGIE SIDE FRAME AT PEDestal JAW)	255
CAMBER OF UNDER FRAME (MEASURED FROM HEAD STOCK TO HEAD STOCK)	10
MINIMUM CLEARANCE BETWEEN WHEEL FLANGE AND NEAREST UNDER FRAME MEMBER IN LOADED CONDITION AT 10° CURVE	50 mm

DATA (BOGIE)	WAGON UNDER TARE (t-m)
MINIMUM HEIGHT OF BOGIE SIDE FRAME BOTTOM FROM R.L. AT CENTRE	165
DISTANCE FROM R.L. TO TOP OF TOP PIVOT	934
DISTANCE FROM R.L. TO TOP OF BOGIE SIDE BEARER	921
HEIGHT OF SPRING TOP ON EACH BOGIE FROM R.L.	538.5

NOTE:-

1. WAGON IS FITTED WITH:-
2. MECHANICALLY OPERATED SLIDING ROOF.
3. HIGH TENSILE (WMA TRANSITION TYPE) CENTRE BUTTER COUPLER.
4. CAST STEEL BOGIE TO SRS NO WD-11-CASUB 2245 BOGIE 92 WITH LATEST AMENDMENTS.
5. THE WAGON DESIGN INFERRES THE MUD 10-(ED07/-2007), AS SHOWN AT DETAILS AT 'Y'.
6. WAGON FITTED WITH BOGIE MOUNTED TWO FIVE GEARING ROLLAGE AIR BRAKE SYSTEM.

①	PRELIMINARY SKETCH	ONLY FOR PROTOTYPE
②	DIAGRAM	APPLICATION OF R.D.S.O. (WAGON)
③	WAGON COVERED WAGON TYPE 'B' (WAGON)	UNDER DISTANCE OF R.D.S.O. (WAGON)
④	WAGON COVERED WAGON TYPE 'B' (WAGON)	WITH SLIDING ROOF & MBS))
⑤	WAGON COVERED WAGON TYPE 'B' (WAGON)	WD-14019-S-02
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