



Misalignment (>15mm)       Minor Instability (≤15mm)

1. DISTRICT	<input type="text"/>	2. ASSET No.	<input type="text"/>	3. DATE	<input type="text"/>																																											
4. LINE	<input type="text"/>	BETWEEN	<input type="text"/>	AND	<input type="text"/>																																											
5. KILOMETRAGE	<input type="text"/>	7.METHOD OF DETECTION - <input type="checkbox"/> Track team <input type="checkbox"/> Loco Crew <input type="checkbox"/> Superintendent/Engineer <input type="checkbox"/> Other																																														
6. TRACK	<input type="checkbox"/> Single <input type="checkbox"/> Up Main <input type="checkbox"/> Dn Main <input type="checkbox"/> Siding or Refuge		10. INSTABILITY DESCRIPTION																																													
8. TIME DETECTED	<input type="text"/>	hrs	10. LENGTH - Length of affected area in metres		<input type="text"/> m																																											
9. REPORTED TO -	<input type="checkbox"/> Supervisor/Fettler <input type="checkbox"/> Network Control <input type="checkbox"/> Superintendent/Engineer <input type="checkbox"/> Other		10. DISPLACEMENT - Displacement in mm		<input type="text"/> mm																																											
11. RADIUS -	<input type="checkbox"/> 0-400m <input type="checkbox"/> 400-800m <input type="checkbox"/> 800-1600m <input type="checkbox"/> > 1600m <input type="checkbox"/> Straight		12. RAIL SECTION (kg/m)																																													
13. RAIL LENGTH -	<input type="checkbox"/> Less than 13.7m <input type="checkbox"/> 13.7-55m <input type="checkbox"/> 55-110m <input type="checkbox"/> 110-220m <input type="checkbox"/> 220-550m <input type="checkbox"/> > 500m		14. SLEEPER TYPE - <input type="checkbox"/> Timber <input type="checkbox"/> Steel <input type="checkbox"/> HD Concrete <input type="checkbox"/> MD Concrete <input type="checkbox"/> Timber/Steel Interspersed <input type="checkbox"/> Timber/Concrete Interspersed																																													
15. FASTENINGS -	<input type="checkbox"/> Dogspikes, Sleeper Plates Lockspikes <input type="checkbox"/> Dogspikes, Sleeper Plates No Lockspikes <input type="checkbox"/> Dogspikes, no plates <input type="checkbox"/> Pandrol Clips <input type="checkbox"/> Other Resilient Fastenings		16. SLEEPER CONDITION <input type="checkbox"/> Good for 5 years or more <input type="checkbox"/> Split <input type="checkbox"/> Broken or Rotten <input type="checkbox"/> Other																																													
17. ANCHOR PATTERN -	<input type="checkbox"/> 1:1 <input type="checkbox"/> 1:2 <input type="checkbox"/> 1:3 <input type="checkbox"/> 1:4 <input type="checkbox"/> Other		18. AMBIENT TEMPERATURE		Temp °C <input type="text"/>																																											
19. RAIL TEMPERATURE	Temp °C	<input type="text"/>	27. TRACK STABILITY ANALYSIS																																													
20. TRACK DISTURBANCE -	<input type="checkbox"/> Fetting <input type="checkbox"/> Manual Resleepering <input type="checkbox"/> Surfacing <input type="checkbox"/> Tie and Surfacing <input type="checkbox"/> Ballast		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Calculations (%)</th> </tr> <tr> <th>WTSA analysis</th> <th>Estimated at time of event</th> <th>After Repairs</th> </tr> </thead> <tbody> <tr><td>Ballast</td><td></td><td></td><td></td></tr> <tr><td>Anchors</td><td></td><td></td><td></td></tr> <tr><td>Up Rail Adjust</td><td></td><td></td><td></td></tr> <tr><td>Dn Rail Adjust</td><td></td><td></td><td></td></tr> <tr><td>Track Disturbance</td><td></td><td></td><td></td></tr> <tr><td>Track Condition</td><td></td><td></td><td></td></tr> <tr><td>Location Factor</td><td></td><td></td><td></td></tr> <tr><td>Final Stability Loss</td><td></td><td></td><td></td></tr> <tr><td>Last TCI</td><td></td><td></td><td></td></tr> </tbody> </table>				Calculations (%)			WTSA analysis	Estimated at time of event	After Repairs	Ballast				Anchors				Up Rail Adjust				Dn Rail Adjust				Track Disturbance				Track Condition				Location Factor				Final Stability Loss				Last TCI			
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LAST DISTURBANCE -		<input type="checkbox"/> 0-1Mth <input type="checkbox"/> 1-2Mths <input type="checkbox"/> 2-3Mths <input type="checkbox"/> Over 3Mths																																														
21. BALLAST -	Is there a Shoulder Deficiency? (Y/N)		<input type="text"/>																																													
	Is there a Crib Deficiency? (Y/N)		<input type="text"/>																																													
	Is there a pod deficiency? (Y/N/NA)		<input type="text"/>																																													
22. RAIL ADJUSTMENT	Is rail out of adjustment? (Y/N)		<input type="text"/>																																													
23. RAIL CREEP	Have rails crept? (Y/N)		<input type="text"/>																																													
24. ANCHORS	Were any anchors ineffective? (Y/N)		<input type="text"/>																																													
25. FASTENINGS	Were any fastenings ineffective? (Y/N)		<input type="text"/>																																													
26. ALIGNMENT	Was track off its correct alignment? (Y/N)		<input type="text"/>																																													
28. LAST TRAIN ID	<input type="text"/>																																															

**APPARENT CAUSES**

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<b>CORRECTIVE ACTION TAKEN (TO RESTORE TRAFFIC)</b>	<b>DEFECT No</b>	
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<b>STEEL REMOVED:</b>	<b>UP RAIL</b>	<input style="width: 50px; height: 20px;" type="text"/>	mm	<b>DOWN RAIL</b>	<input style="width: 50px; height: 20px;" type="text"/>	mm	<b>RAIL TEMPERATURE</b>	<input style="width: 50px; height: 20px;" type="text"/>	°C
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<b>SPEED RESTRICTION IMPOSED</b>	<input style="width: 50px; height: 20px;" type="text"/>	km/h	<b>TRAIN DELAYS</b>
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<b>FURTHER CORRECTIVE ACTION PROPOSED</b>
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<b>COMMENTS</b>
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<b>REPORT COMPLETED BY</b>	<b>REPORT ACCEPTED BY</b>
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<b>Name</b>	<b>Name</b>
<b>Signature</b>	<b>Signature</b>
<b>Date</b>	<b>Date</b>