

WORK DESCRIPTION	Routine network maintenance activities
WPP NUMBER	SW18C 10082
SCOPE	<p>This SWI is applicable for the worksite protection arrangements using ASB concerning routine network maintenance, defect management and repair of assets within the limits specified below and in the attached plan.</p> <p>Work activities include:</p> <ul style="list-style-type: none"> Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan.
AUTHORISATIONS:	Protection Officer: Protection Officer Level 1 or higher
SAFETY CONTROLS: Absolute Signal Blocking (ASB) arrangements:	<p>ASB established to exclude rail traffic on the:</p> <ul style="list-style-type: none"> Up East Hills Line from EH8 Signal to EH14.42 Signal. <p>For reference only.</p> <p>The assessed ASB protection is:</p> <ul style="list-style-type: none"> EH12 and EH8 Signals at STOP with blocking facilities applied on the Up East Hills Line. EH5 Signal at STOP with blocking facilities applied and 31 points secured to exclude rail traffic on the Down East Hills Line. EH6 Signal at stop with blocking facilities applied and 32 points secured to prevent rail traffic on the Turnback road
PRESTART REQUIREMENTS:	<p>Protection Officer assessment checklist must be completed before instructions in this SWI are followed.</p> <p>Tools and equipment required:</p> <ul style="list-style-type: none"> Protection Officer requires a phone to contact the Signaller
FURTHER INFORMATION:	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 308 Absolute Signal Blocking</i></p> <p><i>NPR 703 Using Absolute Signal Blocking</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><i>NLA510 Sydenham – Glenfield</i></p>

Protection Officer assessment checklist

Protection Officer's name:		Yes (Tick if Yes)
This document has not expired 12 months beyond the issue date.		
On-site safety assessment has been completed and additional hazards and controls recorded on the pre-work briefing (Page 3).		
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location.		
Corridor Safety Number	Protection Officer Signature	Date

**Warning:**

If an above item does not apply, the Protection Officer must not use this Safe Work Instruction. A new worksite protection plan must be completed in accordance with NRF 014 Worksite Protection Pre-work briefing and NRF 015 Worksite Protection Plan.

Worksite Protection Pre-work Briefing

Briefing date: / /

Protection Officer Details

<input type="text"/>	<input type="text"/>	<input type="text"/>
name	signature	contact no.

Work location: Scope of work: Worksite protection: Refer to Worksite Protection Plan for details

Hazards (e.g. Site specific hazards identified, including physical environment, human errors, plant and equipment)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching rail traffic	ASB implemented. Workers to remain within worksite limits.	Protection Officer
Adjacent live lines	Designated work and walk areas as instructed by the Protection Officer. Workers must remain within the ASB nominated worksite location limits whilst work is being performed	Protection Officer
Access to / Egress from worksite	Protection Officer will assess and instruct when it is safe for workers to use <i>NGE 200 Walking in the Danger Zone</i> to move to and from the worksite or safe place.	All
Mobile phone distraction	Mobile phone usage is not allowed in the Danger Zone. Mobile phones may be used only in a safe place after informing the Protection Officer.	All

☐ A final site inspection has been conducted immediately before commencing work, and any new hazards and controls have been included.

Workplace Supervisor Details

name

signature

contact No.

Yes ☐ the Workplace Supervisor acknowledges that the Protection Officer will arrange worksite protection as required.

Participant Acknowledgment

NOTE: Recipients of the briefing are to question the Briefer if they don't understand any part of this briefing.

All workers listed below acknowledge that they:

1. hold the applicable and current Rail Safety Worker Authorisation

2. have been briefed on the identified hazards and controls

3. have been briefed on the risks from adjacent lines and/or worksites

4. have been briefed on the planned worksite protection

5. understand the limits of the worksite

6. have been briefed on the contents of the Worksite Protection Plan

7. have been shown the worksite protection diagram or map

Name	Signature	Time of briefing: hh:mm	Amendment briefing: hh:mm and initial

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Worksite Protection Plan – Absolute Signal Blocking**1. ASB Request – Protection Officer Details**

name	signature	contact no.
RSW or RIW no.	designation	Planned Duration

Type of work: **Routine network maintenance activities****2. Worksite Location**

On the	Up East Hills line	from	EH8 Signal	to	EH14.42 Signal
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3. Protection to be used

Signal(s) at STOP with blocking facilities applied	Points Secured
Protection is required from other Signallers at	Location / panel
	Location / panel

4. AssurancesAll points of entry into the affected portion of track are protected and blocking facilities applied ☐

The last rail traffic to pass the protection was	rail traffic ID	The last known location of rail traffic is	location
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Confirm that there is no rail traffic between the protection and the worksite ☐**5. Authorisation**

Authorised by Signaller

name	Revesby Panel02 85683467	hr	/ /
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Protection Number	Notes
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6. Temporarily Suspending ASB

Provide the name and worksite location <input type="checkbox"/>	Provide the name and worksite location <input type="checkbox"/>	Provide the name and worksite location <input type="checkbox"/>
Workers and equipment are clear of the Danger Zone <input type="checkbox"/>	Workers and equipment are clear of the Danger Zone <input type="checkbox"/>	Workers and equipment are clear of the Danger Zone <input type="checkbox"/>
Provide protection number <input type="checkbox"/>	Provide protection number <input type="checkbox"/>	Provide protection number <input type="checkbox"/>
ASB suspended at	hr	ASB suspended at
		hr

7. Re-establish ASB assurances

The worksite location is identical <input type="checkbox"/>	The worksite location is identical <input type="checkbox"/>	The worksite location is identical <input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied <input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied <input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied <input type="checkbox"/>
The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was
		rail traffic ID
The last known location of rail traffic is	location	The last known location of rail traffic is
		location
There is no approaching rail traffic between the protection and the worksite <input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite <input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite <input type="checkbox"/>
ASB re-established at	hr	ASB re-established at
		hr
Protection No		Protection No

8. Ending

Provide name and worksite location <input type="checkbox"/>	Workers and equipment clear of the Danger Zone <input type="checkbox"/>	Provide protection number <input type="checkbox"/>	Ended at	hr
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6. Temporarily Suspending ASB					
Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr
7. Re-establish ASB assurances					
The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>	The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>	The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>
The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID
The last known location of rail traffic is	Location	The last known location of rail traffic is	location	The last known location of rail traffic is	location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection No		Protection No		Protection No	

Notes

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6. Temporarily Suspending ASB					
Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr
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The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>	The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>	The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>
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The last known location of rail traffic is	location	The last known location of rail traffic is	location	The last known location of rail traffic is	location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	Hr	ASB re-established at	hr	ASB re-established at	hr
Protection No		Protection No		Protection No	

Worksite Protection Plan – Absolute Signal Blocking**6. ASB Request – Protection Officer Details**

name	signature	contact No.
RSW or RIW No.	designation	Planned Duration

Type of work:

7. Worksite Location

On the	from	to
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8. Protection to be used

Signal(s) at STOP with blocking facilities applied	Points Secured
Protection is required from other Signallers at	Location / panel
	Location / panel

9. AssurancesAll points of entry into the affected portion of track are protected and blocking facilities applied ☐

The last rail traffic to pass the protection was

rail traffic ID

The last known location of rail traffic is

location

Confirm that there is no rail traffic between the protection and the worksite ☐**10. Authorisation**

Authorised by Signaller

name	Revesby panel	hr	/ /
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Protection Number

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Notes

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6. Temporarily Suspending ASB





Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide the name and worksite location Workers and equipment are clear of the Danger Zone Provide protection number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr
7. Re-establish ASB assurances					
The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>	The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>	The worksite location is identical All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/> <input type="checkbox"/>
The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID
The last known location of rail traffic is	location	The last known location of rail traffic is	location	The last known location of rail traffic is	location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection No		Protection No		Protection No	

8. EndingProvide name and worksite location ☐Workers and equipment clear of the Danger Zone ☐Provide protection number ☐Ended at hr

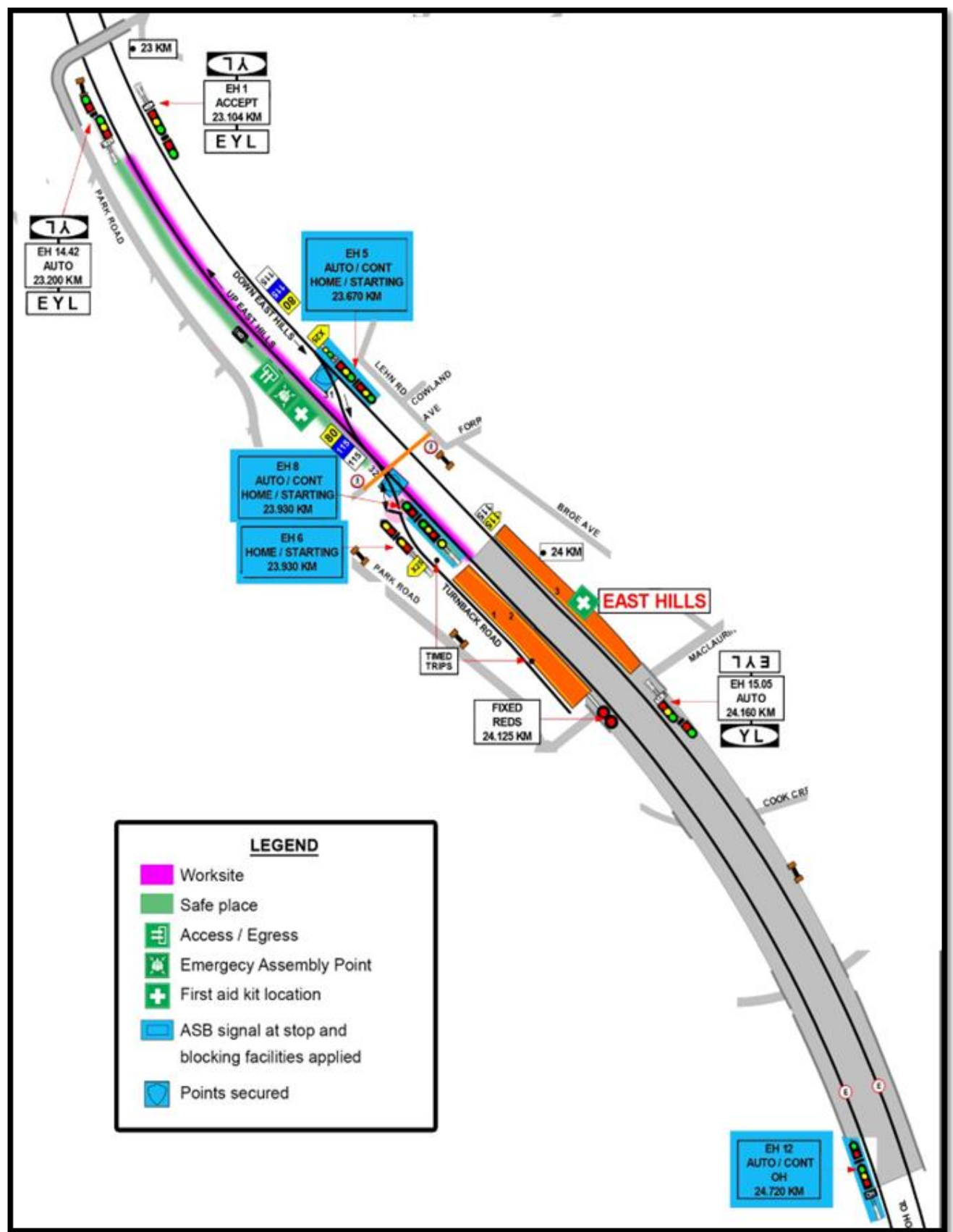
6. Temporarily Suspending ASB					
Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr
7. Re-establish ASB assurances					
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All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
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The last known location of rail traffic is	location	The last known location of rail traffic is	location	The last known location of rail traffic is	location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection No		Protection No		Protection No	

Notes

6. Temporarily Suspending ASB					
Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr
7. Re-establish ASB assurances					
The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
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There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection No		Protection No		Protection No	

INSTRUCTIONS:	<ol style="list-style-type: none">1. Workers enter the rail corridor via access gate M25 23.827U see image 1.2. Protection Officer briefs workers about the worksite protection arrangements3. Protection Officer contacts the Signaller at Revesby panel to request ASB.4. After ASB has been authorised. start work within the limits of the nominated worksite location.5. After work is complete, workers move to a safe place.6. Protection Officer contacts the Signaller at Revesby panel to end ASB.7. Repeat steps 4 – 6 until work is complete work.8. All workers egress the rail corridor via access gate	
ADDITIONAL DETAILS	<p><u>Suspending ASB:</u></p> <p>If the ASB is required to be suspended, the Protection Officer must make sure all workers and equipment are clear of the Danger Zone and are in a safe place before suspending the ASB.</p>	
IMAGES:	 <p>Image 1: Access gate M25 23.827U adjacent 15 Forest Rd, Up side at the city end of East Hills Station</p>	 <p>Image 2: View of worksite on the up towards East Hills station facing the Down direction.</p>
	 <p>Image 3: View of worksite towards Panania station facing the Up direction</p>	 <p>Image 4: View of worksite towards Panania station Facing the Up direction</p>

Diagram



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Protection Officer's Diary

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