

# Lookout Working Worksite Protection for Vales Point and Eraring Network Maintenance Activities

<b>WORK DESCRIPTION</b>	Routine network maintenance activities
<b>WPP NUMBER</b>	CC8B 10198
<b>SCOPE:</b>	<p>This SWI is applicable for the worksite protection arrangements using lookout working 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"> <li>• Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan.</li> </ul>
<b>AUTHORISATIONS:</b>	<p>Protection Officer: Protection Officer Level 1 or higher</p> <p>Lookout: Engineering Hand signaller Level 1 or higher or Protection Officer Level 1 or higher.</p>
<b>SAFETY CONTROLS: Lookout working arrangements</b>	<p>The nominated worksite location for Lookout Working is a fixed worksite and includes the Up and Down Main lines Vales Point and Eraring Loops</p> <p>The Protection Officer must:</p> <ul style="list-style-type: none"> <li>• Establish Lookouts as required to watch for approaching rail traffic from all entry points</li> <li>• Designate and instruct which safe places the workers are to use as the work is completed along the work route within the worksite limits.</li> </ul>
<b>PRESTART REQUIREMENTS:</b>	<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"> <li>• Protection Officer requires a phone to contact the Signaller.</li> </ul> <p>Lookouts require a high-visibility arm sleeve and 2 independent methods of warning workers a whistle/horn.</p>
<b>FURTHER INFORMATION:</b>	<p>NWT 300 Planning work in the Rail Corridor NWT 310 Lookout Working NPR 711 Using Lookouts NPR 751 Calculating Minimum Warning Time NPR 712 Protecting work from rail traffic on adjacent lines NGE 200 Walking in the Danger Zone NLA 314 Gosford to Broadmeadow Lookout Working Prohibited Locations Register</p>

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**Protection Officer Assessment Checklist**

Protection Officer's name:	Yes (Tick if Yes)
This document has not expired 12 months beyond the issue date.	
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location, including: On-site safety assessment has been completed for relevancy of works being undertaken The required protection details, environment and tasks are unchanged from the details of this SWI	
The Protection Officer and Qualified Workers deploying qualifications are current and have practiced in the last 6 months. If not practiced, then a Rail Safety Coach must be contacted for guidance.	

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.*

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**Worksite Protection Pre-work Briefing**

Briefing date:

**Protection Officer Details**




Work location:

Scope of work:

Worksite protection:

Refer to Worksite Protection Plan for details

Hazards (e.g. environment, plant, equipment, human error)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching rail traffic	<ul style="list-style-type: none"> <li>Lookouts must be trained and competent to perform lookout duties.</li> <li>Lookouts must be rotated if performing lookout for extended periods of time</li> <li>Workers to remain within worksite limits as set out in this procedure.</li> <li>Lookouts must be placed as per protection plan on page 8.</li> <li>Workers are to stop work and move to a safe place immediately on being warned by the lookouts</li> </ul>	Protection Officer and Lookout
Live adjacent lines	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in either direction.	Protection Officer and Lookout
Two - way running / multiple entry points into worksite	One Lookout placed watching each direction before work starts. Lookouts are to warn workers of approaching rail traffic, including rail traffic entering or travelling within the worksite. Workers are to stop work and move to a safe place.	Protection Officer and Lookout
Obstruction to Minimum Sighting Distance	Lookouts must provide warning to the workers whenever their line of sight is obstructed by passing rail traffic. Workers must stop work and move to a safe place and reassess positioning and method	Protection Officer and Lookout
Adjoining/Surrounding Worksites	<ul style="list-style-type: none"> <li>Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites.</li> <li>Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.</li> </ul>	Protection Officer and Lookout
Access to / Egress from worksite	Access and egress points must be agreed prior to entering the danger zone, consideration should be given to ease of access and safest possible entry and exit points.	All
Slips, trips, falls and hazards carrying equipment	Protection Officer will assess and instruct when it is safe for workers to use NGE 200 Walking in the Danger Zone to move to the worksite or safe place.	All
Mobile phones	Mobile phones use is not permitted in the danger zone unless being used by maintenance staff for critical maintenance communications or recording of defects.	All

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

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**Worksite Protection Plan – Lookout Working**

**Signaller Details**

<input type="text" value="name"/>	<b>Morisset Signal Box</b>	<b>02 4923 0919</b>
<input type="text"/>	<b>Broadmeadow Signal Box</b>	<b>02 4923 0901</b>

**Protection Officer Details**

<input type="text" value="name"/>	<input type="text" value="signature"/>	<input type="text" value="contact No."/>
<input type="text" value="RSW or RIW No."/>	<input type="text" value="designation"/>	Planned duration <input type="text"/>

Workplace Supervisor details:

Type of work:

**Worksite location**

on the

between  and

between  and

**Worksite assessment**

The Lookout Working Prohibited Locations Register been consulted Yes "

**Warning method**

<input type="text" value="Horn"/>	<input type="text" value="Whistle"/>	<input type="text" value="Voice"/>
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**Minimum Warning Time Calculations**

Maximum track speed	<input type="text" value="115 km/h"/>			
Number of Lookouts used	<input type="text" value="1"/>	Position of Lookouts	<input type="text" value="118.900km"/>	and <input type="text" value="119.350km"/>
	<input type="text" value="1"/>	Position of Lookouts	<input type="text" value="132.000km"/>	and <input type="text" value="132.900km"/>
Number of additional Lookouts* used	<input type="text"/>	Position of Lookouts	<input type="text"/>	and <input type="text"/>

\* Add an additional 5 seconds See Time if an additional Lookout is used

<input type="text" value="2 sec"/>	+	<input type="text" value="3 sec"/>	+	<input type="text" value="10 sec"/>		<input type="text" value="15 sec"/>	<input type="text" value="115 km/h"/>	<input type="text" value="480 metres"/>
<input type="text" value="2 sec"/>	+	<input type="text" value="3 sec"/>	+	<input type="text" value="10 sec"/>	= Minimum Warning Time (MWT)	<input type="text" value="15 sec"/>	<input type="text" value="80 km/h"/>	<input type="text" value="335 metres"/>
<input type="text" value="2 sec"/>	+	<input type="text" value="3 sec"/>	+	<input type="text" value="10 sec"/>		<input type="text" value="15 sec"/>	<input type="text" value="25 km/h"/>	<input type="text" value="105 metres"/>
<input type="text" value="2 sec"/>	+	<input type="text" value="3 sec"/>	+	<input type="text" value="10 sec"/>	(S+M+10 sec = MWT)	<input type="text" value="15 sec"/>	<input type="text" value="15 km/h"/>	<input type="text" value="63 metres"/>
<small>See Time (S)</small>		<small>Move Time (M)</small>		<small>Safe Time</small>			<small>Track speed</small>	<small>Minimum Sighting Distance as calculated</small>

Note – Additional MWT calculations can be recorded in the Protection Officer’s Diary.

**Where are the safe places identified for the Lookouts and the workers?**

Lookouts:

Workers:

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Ensure the workers have been briefed about these work details Yes "

Diagrams, notes, and detailed instructions are over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.

Section 1 – Vales Point

<b>INSTRUCTIONS:</b>	<ol style="list-style-type: none"> <li>1. Workers enter the rail corridor via <b>N00 119.136 D</b> off <b>Wye Road, Wye</b>.</li> <li>2. Protection Officer briefs workers about the worksite protection arrangements.</li> <li>3. Protection Officer contacts <b>Morisset Signal Box</b> and tells the Signaller about the use of Lookout Working at <b>Vales Point</b> on the <b>Up and Down Main line and Vales Point Loop</b>.</li> <li>4. Workers remain in <b>Down Main line</b> safe place until Protection Officer informs Lookouts are in place.</li> <li>5. Establish Lookouts at designated locations.</li> <li>6. Workers start work up to designated locations.</li> <li>7. Workers move to safe place.</li> <li>8. Re-establish Lookouts at next designated location.</li> <li>9. Repeat steps 6-8 until work is complete.</li> <li>10. Workers move to a safe place.</li> <li>11. Recall lookouts.</li> <li>12. Workers exit worksite via gate <b>N00 119.136 D</b> off <b>Wye Road, Wye</b>.</li> <li>13. Protection Officer contacts Morisset Signal Box to end Lookout Working.</li> </ol>
<b>ADDITIONAL DETAILS</b>	<p><u>Adverse weather conditions</u></p> <p>Weather conditions on the day may impede sighting distance. Protection Officers must ensure the required Minimum Sighting Distance is attainable by reassessing positions of lookouts.</p> <p><u>Obstruction to Minimum Sighting Distance</u></p> <p>Stabled rail traffic on any tracks and conditions on the day may obstruct minimum sighting distance. When this hazard is identified, workers must stop work and move to a safe place until the Protection Officer makes an assessment and relocates lookouts to achieve the required minimum sighting distance.</p>
<b>LOOKOUTS</b>	<p>Lookout positions are reassessed throughout the worksite to achieve Minimum Sighting Distance.</p>
<b>ACCESS / EGRESS</b>	<b>N00 119.136 D</b>

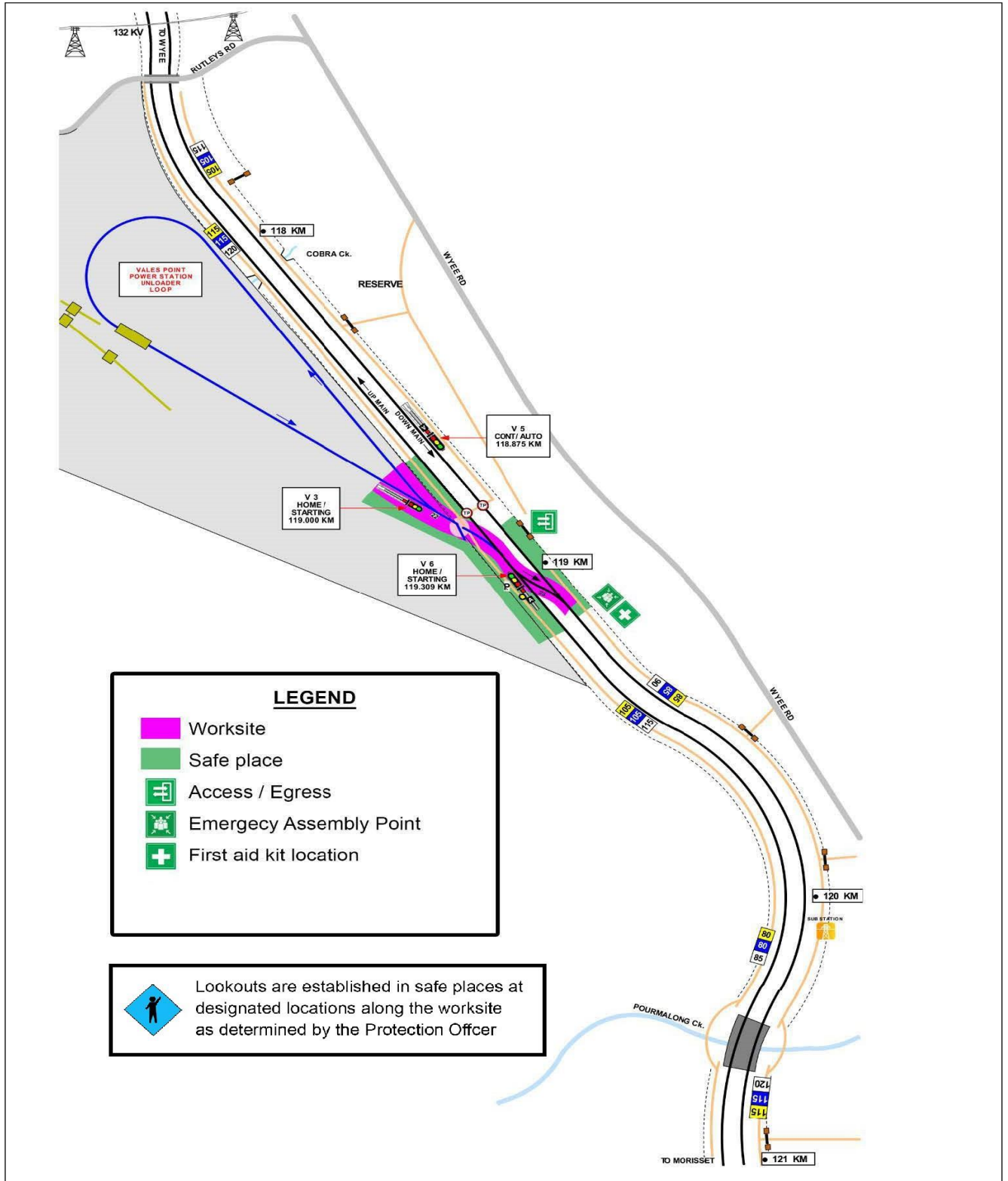
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Section 2 – Eraring

<b>INSTRUCTIONS:</b>	<ol style="list-style-type: none"> <li>1. Workers enter the rail corridor via <b>N00 132.669 U</b> on <b>Newstan-Eraring Private Coal Road, Eraring</b></li> <li>2. Protection Officer briefs workers about the worksite protection arrangements.</li> <li>3. Protection Officer contacts <b>Broadmeadow Signal Box</b> and tells the Signaller about the use of Lookout Working at <b>Eraring</b> on the <b>Up and Down Main lines and Eraring Loop</b>.</li> <li>4. Workers remain in <b>Down Main line</b> safe place until Protection Officer informs Lookouts are in place.</li> <li>5. Establish Lookouts at designated locations.</li> <li>6. Workers start work up to designated locations.</li> <li>7. Workers move to safe place.</li> <li>8. Re-establish Lookouts at next designated location.</li> <li>9. Repeat steps 6-8 until work is complete.</li> <li>10. Workers move to a safe place.</li> <li>11. Recall lookouts.</li> <li>12. Workers exit the worksite via gate <b>N00 132.669 U</b> on <b>Newstan-Eraring Private Coal Road, Eraring</b></li> <li>13. Protection Officer contacts <b>Broadmeadow Signal Box</b> to end Lookout Working.</li> </ol>
<b>ADDITIONAL DETAILS</b>	<p><u>Adverse weather conditions</u></p> <p>Weather conditions on the day may impede sighting distance. Protection Officers must ensure the required Minimum Sighting Distance is attainable by reassessing positions of lookouts.</p> <p><u>Obstruction to Minimum Sighting Distance</u></p> <p>Stabled rail traffic on any tracks and conditions on the day may obstruct minimum sighting distance. When this hazard is identified, workers must stop work and move to a safe place until the Protection Officer makes an assessment and relocates lookouts to achieve the required minimum sighting distance.</p>
<b>LOOKOUTS</b>	<p>Lookout positions are reassessed throughout the worksite to achieve Minimum Sighting Distance.</p>
<b>ACCESS / EGRESS</b>	<p><b>N00 132.669 U</b></p>

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Diagram – Section 1: Vales Point



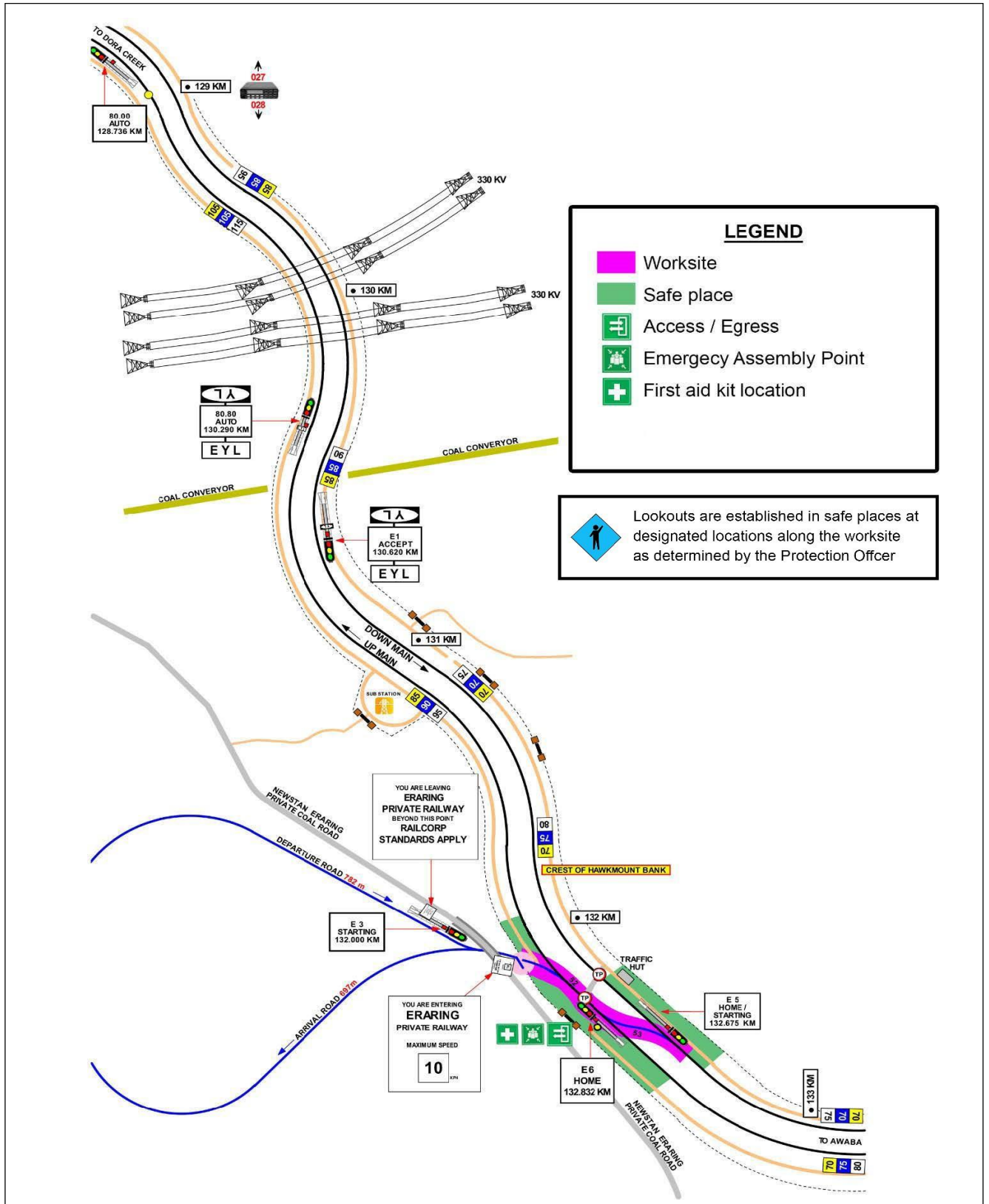
**LEGEND**

- Worksite
- Safe place
- Access / Egress
- Emergency Assembly Point
- First aid kit location

Lookouts are established in safe places at designated locations along the worksite as determined by the Protection Officer

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Diagram – Section 2: Eraring



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