



**LEGEND**

- Project Boundary
- Current Carina Infrastructure Disturbance
- Future Proposed Carina Extended disturbance
- PER Approved Boundary
- Existing Track
- 1m Contours
- Polaris Tenements
- ◆ Malleefowl Nest >10 Years
- ◆ Malleefowl Nest >50 Years
- ◆ Malleefowl Nest >100 Years
- Grevillea georgeana* (P3) Population Boundary

**THREATENED AND PRIORITY SPECIES**

Priority	DEC	Herbarium	MCPL
Threatened			
1	●	■	▲
2	●	■	▲
3	●	■	▲
4	●	■	▲

**PRIORITY FLORA**

Ac	<i>Acacia crenulata</i> (P3)
Ba	<i>Banksia aborea</i> (P3)
Gg	<i>Grevillea georgeana</i> (P3)
SspHAR	<i>Spartothamnella</i> sp. Helena & Aurora Range (P.G. Armstrong 155-109) (P4)

**LEGEND - VEGETATION**

	<b>W1</b> Woodland of <i>Eucalyptus salmonophloia</i> , <i>Eucalyptus salubris</i> , <i>Eucalyptus sheathiana</i> , <i>Eucalyptus corrugata</i> , <i>Eucalyptus yilgarnensis</i> , <i>Eucalyptus transccontinentalis</i> , <i>Eucalyptus longicornis</i> and <i>Eucalyptus ravida</i> over <i>Acacia jennerae</i> , <i>Acacia prairii</i> , <i>Acacia colletioides</i> , <i>Santalum acuminatum</i> , <i>Exocarpos aphyllus</i> , <i>Eremophila scoparia</i> , <i>Eremophila granitica</i> , <i>Eremophila ionantha</i> , <i>Senna artemisioides</i> subsp. <i>filifolia</i> and <i>Atriplex nummularia</i> over, <i>Atriplex vesicaria</i> , <i>Grevillea acuaria</i> , <i>Olearia muelleri</i> , <i>Olearia pimelioides</i> and <i>Austrostipa elegantissima</i> on red-brown clay on flats.
	<b>W2</b> Woodland of <i>Eucalyptus salmonophloia</i> with <i>Eucalyptus ravida</i> and mixed Eucalypts over <i>Eremophila ionantha</i> , <i>Exocarpos aphyllus</i> , <i>Atriplex nummularia</i> and <i>Acacia colletioides</i> over <i>Atriplex vesicaria</i> on flat red clay soils.
	<b>W4</b> Woodland of <i>Eucalyptus longicornis</i> , <i>Eucalyptus salubris</i> , <i>Eucalyptus corrugata</i> and <i>Eucalyptus moderata</i> over <i>Eremophila ionantha</i> , <i>Eremophila scoparia</i> , <i>Senna artemisioides</i> subsp. <i>filifolia</i> , <i>Exocarpos aphyllus</i> , <i>Atriplex nummularia</i> and <i>Santalum acuminatum</i> over <i>Acacia colletioides</i> and <i>Atriplex vesicaria</i> on red-brown sandy clay soils with scattered ironstone and quartz pebbles.
	<b>W5</b> Woodland of <i>Eucalyptus longicornis</i> , <i>Eucalyptus salubris</i> , <i>Eucalyptus corrugata</i> , <i>Eucalyptus ravida</i> and <i>Eucalyptus moderata</i> over <i>Eremophila ionantha</i> , <i>Santalum acuminatum</i> and <i>Templetonia sulcata</i> over <i>Olearia muelleri</i> on clay-loam soils on lower slopes and flats.
	<b>W11</b> Open Woodland of <i>Eucalyptus salmonophloia</i> over <i>Cratystylis subspinescens</i> over <i>Atriplex vesicaria</i> on red-brown clay flats.
	<b>W12</b> Open Woodland of <i>Eucalyptus sheathiana</i> , <i>Eucalyptus salubris</i> , <i>Eucalyptus loxophleba</i> subsp. <i>lissophloia</i> , <i>Eucalyptus ravida</i> and <i>Eucalyptus salmonophloia</i> over <i>Acacia burkittii</i> , <i>Eremophila ionantha</i> , <i>Senna artemisioides</i> subsp. <i>filifolia</i> and <i>Acacia colletioides</i> over <i>Grevillea acuaria</i> on red-brown clay to sandy clay on flats with scattered ironstone pebbles.
	<b>W22</b> Open Low Woodland of <i>Eucalyptus corrugata</i> with mixed Eucalypts over <i>Allocasuarina campestris</i> and <i>Acacia burkittii</i> over <i>Alyxia buxifolia</i> , <i>Philothea brucei</i> subsp. <i>brucei</i> and <i>Isopogon gardneri</i> over <i>Scaevola spinescens</i> and <i>Olearia muelleri</i> on red-brown clays soils on mid and lower slopes.
	<b>W28</b> Woodland of <i>Eucalyptus salmonophloia</i> , <i>Eucalyptus transccontinentalis</i> , <i>Eucalyptus ravida</i> and <i>Eucalyptus calycogona</i> over <i>Eremophila interstans</i> subsp. <i>interstans</i> , <i>Eremophila interstans</i> subsp. <i>virgata</i> , <i>Eremophila ionantha</i> and <i>Santalum acuminatum</i> over <i>Atriplex nummularia</i> and <i>Atriplex vesicaria</i> on sand with quartz pebbles on flats.
	<b>S2</b> Scrub of <i>Allocasuarina campestris</i> , <i>Casuarina pauper</i> , <i>Banksia arborea</i> , <i>Melaleuca hamata</i> , <i>Melaleuca nematophylla</i> , <i>Acacia sibina</i> , <i>Calycoplepus paucifolius</i> and <i>Brachychiton gregorii</i> over <i>Baeckea elderiana</i> and <i>Philothea brucei</i> subsp. <i>brucei</i> and <i>Eremophila decipiens</i> subsp. <i>decipiens</i> with emergent <i>Eucalyptus ewartiana</i> , <i>Eucalyptus horistes</i> and <i>Eucalyptus oleosa</i> subsp. <i>oleosa</i> on red-brown clay upper slopes and ridges.
	<b>S6</b> Scrub of <i>Acacia burkittii</i> , <i>Grevillea zygoloba</i> , <i>Hakea francisiana</i> and <i>Baeckea elderiana</i> over low scrub of <i>Prostanthera grylloana</i> and <i>Philothea brucei</i> subsp. <i>brucei</i> and with emergent mixed eucalypts on low to mid slopes.
	<b>S30</b> <i>Acacia sibina</i> , <i>Acacia burkittii</i> and <i>Melaleuca hamata</i> with occasional emergent <i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i> , over <i>Grevillea paradoxa</i> , <i>Rinzia carnosae</i> , <i>Leucopogon</i> sp. Clyde Hill, <i>Thryptomene urceolaris</i> and <i>Prostanthera grylloana</i>

**POLARIS METALS PTY LTD**

**Carina Mine Site  
Current & Proposed Footprint  
Vegetation & Priority Flora**

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Drawn: CAD Resources - www.cadresources.com.au	Tel: (08) 9246 3242 - Fax: (08) 9246 3202	Figure: <b>1</b>
CAD Ref: G1531_INFRA_Carina_Ext_012.dgn	A3	