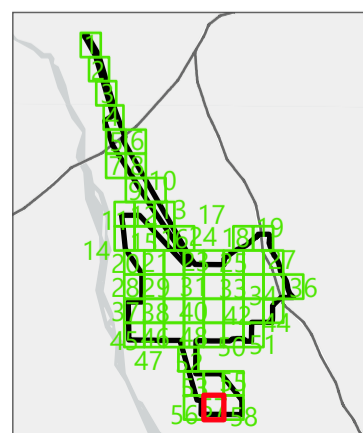




Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

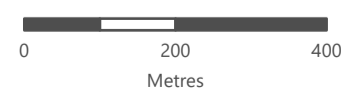
Legend

- | | |
|-------------------------|-------------------------|
| Survey Area | Vegetation Types |
| Targeted Survey Area | 7 |
| 2022 Survey | 9 |
| Quadrat | 10 |
| Vegetation Mapping Note | C |



APPENDIX N

Detailed Mapping of Vegetation Types and Other Areas of the Survey Area (Sheet 57)



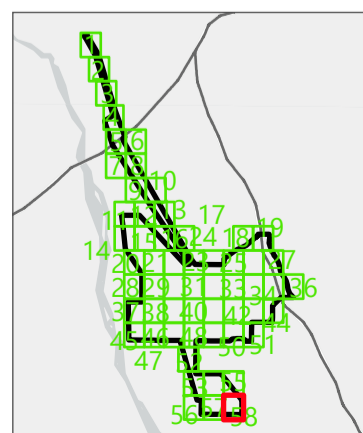
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

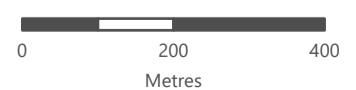
Legend

- | | | |
|----------------------|--|-------------------------|
| Survey Area | Significant Flora (Umwelt 2022, 2024) | Vegetation Types |
| Targeted Survey Area | Poly <i>Polymeria</i> sp. nov (Pot) | 7 |
| 2022 Survey | | 9 |
| Quadrat | | 10 |
| Relevé | | C |



APPENDIX N

Detailed Mapping of Vegetation Types and Other Areas of the Survey Area (Sheet 58)



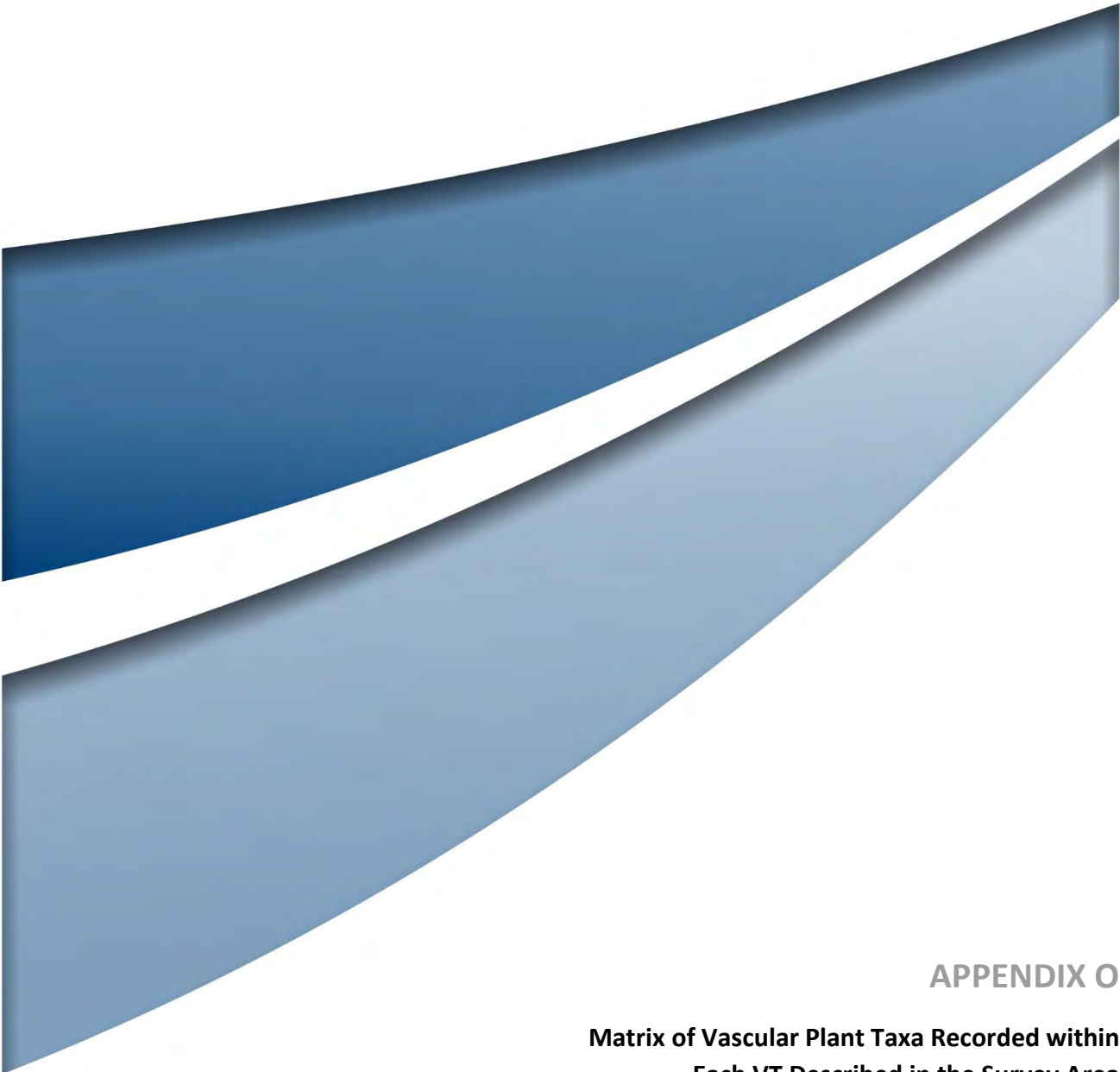
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Vegetation Types

- 1 Low isolated shrubs including *Acacia stellaticeps* and *Pluchea tetranthera* over low hummock grassland dominated by *Triodia longiceps* and *Triodia epactia* over ephemeral low sparse sedgeland, tussock grassland and forbland of mixed taxa including *Fimbristylis dichotoma*, *Bulbostylis barbata*, *Calandrinia stagensis*, *Streptoglossa decurrens* and *Eriachne aristidea* on red-brown clay loam, sandy clay loam or sandy clay on plains and flats
- 2 Low tussock grassland to sparse tussock grassland dominated by a combination of *Eriachne glauca* var. *glauca*, *Eriachne benthamii* and *Eriachne flaccida* over low sparse hummock grassland of *Triodia epactia* and *Triodia longiceps* over ephemeral low sparse sedgeland and forbland of mixed species including *Cyperus iria*, *Fimbristylis dichotoma*, *Neptunia dimorphantha*, *Marsilea hirsuta* and *Calandrinia pumila* on orange, red-brown or brown clay in clay pans
- 3 Low woodland to open woodland dominated by *Corymbia candida* subsp. *candida* over tall shrubland to open shrubland dominated by *Acacia coleii* and *Acacia tumida* var. *pilbarensis* over low open to sparse shrubland of mixed species including *Pluchea tetranthera*, *Afrohybanthus aurantiacus* and *Sida rohlenae* subsp. *rohlenae* over low open to sparse hummock grassland dominated by *Triodia epactia* over low sparse tussock grassland of mixed species including *Chrysopogon fallax*, *Aristida holathera* var. *holathera*, *Eragrostis eriopoda*, *Eriachne obtusa* and *Cenchrus ciliaris* on orange sandy or sandy clay loam on flats
- 4 Tall sparse shrubland of mixed species including *Acacia ancistrocarpa*, *Acacia inaequilatera*, *Acacia coleii* and *Melaleuca lasiandra* over low open to sparse shrubland dominated by *Acacia stellaticeps*, *Pluchea tetranthera*, *Sida arenicola* and *Corchorus elachocarpus* over low hummock grassland to open hummock grassland dominated by *Triodia epactia*, *Triodia lanigera* and *Triodia schinzii* on red or red-brown sandy loam on plains
- 5 Tall open to sparse shrubland dominated by *Acacia trudgeniana* and *Acacia coleii* over low open to sparse shrubland dominated by *Acacia stellaticeps*, *Corchorus incanus* subsp. *incanus* and *Pimelea ammocharis* over low hummock grassland of *Triodia epactia* over low sparse tussock grassland of mixed species including *Aristida holathera* var. *holathera*, *Eragrostis eriopoda*, *Chrysopogon fallax* and *Eriachne obtusa* on red-brown clay or sandy loam on plains
- 6 Tall sparse shrubland dominated by *Acacia trachycarpa* and *Acacia coleii* over low sparse shrubland of mixed species including *Acacia stellaticeps* and *Corchorus incanus* subsp. *incanus* over low hummock grassland dominated by *Triodia lanigera* on red-brown sandy loam on low dunes within river channels
- 7 Tall sparse shrubland dominated by *Acacia tumida* var. *pilbarensis* over low sparse shrubland dominated by *Corchorus incanus* subsp. *incanus* and *Tephrosia rosea* var. *clementii* over ephemeral low sparse forbland and grassland of mixed species including *Calocephalus beardii*, *Aristida contorta*, *Eragrostis cumingii*, *Indigofera colutea* and *Perotis rara* on brown sandy loam with granite outcropping and stones on and around low granite outcrops
- 8 Low open woodland to isolated trees dominated by *Corymbia hamersleyana* over tall open to sparse shrubland dominated by *Acacia bivenosa*, *Acacia inaequilatera*, *Grevillea wickhamii* subsp. *aprica* and *Hakea lorea* subsp. *lorea* over low sparse shrubland of mixed species dominated by *Acacia stellaticeps*, *Scaevola amblyanthera* var. *centralis* and *Corchorus elachocarpus* over low hummock grassland dominated by *Triodia epactia* on red or red brown clay or sandy loam with calcrete and silica stones, occasionally with calcrete or silica outcropping, on low rises or plains
- 9 Tall sparse shrubland of mixed species including *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* over low sparse shrubland of mixed species dominated by *Corchorus parviflorus* over low hummock grassland dominated by *Triodia wiseana* and *Triodia epactia* on red-brown clay loam with chert stones and often chert outcropping on hills and low rises
- 10 Tall open to sparse shrubland dominated by *Acacia ancistrocarpa*, *Acacia inaequilatera*, *Acacia sericophylla*, *Acacia acadenia* and occasionally *Melaleuca lasiandra* over low shrubland to sparse shrubland dominated by *Acacia stellaticeps* and occasionally *Sida arenicola*, *Indigofera monophylla*, *Pluchea tetranthera* and *Corchorus parviflorus* over low hummock grassland to open hummock grassland dominated by *Triodia lanigera* and/or *Triodia schinzii* on red or red-brown sandy loam on plains
- 11 Low open woodland to isolated trees of *Corymbia hamersleyana* over tall open to sparse shrubland dominated by *Acacia orthocarpa*, *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* over low sparse shrubland dominated by *Acacia stellaticeps* over low hummock grassland dominated by a combination of *Triodia lanigera*, *Triodia angusta*, *Triodia epactia* and *Triodia chichesterensis* on red or red brown sandy or clay loam with primarily quartz and calcrete stones, occasionally with calcrete or quartz outcropping, on low rises and undulating plains
- 12 Isolated low trees dominated by *Corymbia hamersleyana* over low open to sparse shrubland of mixed species including *Acacia inaequilatera*, *Acacia acadenia*, *Acacia ancistrocarpa* and *Grevillea wickhamii* subsp. *aprica* over low sparse shrubland of mixed species dominated by *Goodenia stobbsiana* over low hummock grassland dominated by *Triodia epactia* and occasionally *Triodia wiseana* on red or red-brown clay loam with silica and chert stones and often silica and chert outcropping on low rises
- 13 Low open woodland dominated by *Corymbia hamersleyensis* and/or *Corymbia candida* subsp. *candida* over tall open to sparse shrubland dominated by *Acacia ancistrocarpa*, *Acacia tumida* var. *pilbarensis*, *Acacia acadenia* and *Acacia coleii* over low hummock grassland of *Triodia epactia* on red or red-brown clay or sandy loam on flats or plains
- 14 Tall open shrubland to isolated shrubs dominated by *Acacia ancistrocarpa*, *Acacia coleii* and *Acacia inaequilatera* over low open shrubland to isolated shrubs dominated by *Acacia stellaticeps* and *Pluchea tetranthera* over low hummock grassland dominated by *Triodia epactia* on red or red brown sandy or clay loam on plains and flats
- 15 Low open woodland of *Eucalyptus victrix* over tall sparse shrubland dominated by *Acacia coleii* over low open hummock grassland of *Triodia epactia* over ephemeral low sparse herbland of mixed species including *Bergia perennis* subsp. *perennis*, *Marsilea hirsuta*, *Cyperus iria* and *Centipeda minima* subsp. *macrocephala* on pale brown sandy clay loam on the margins of clay pans
- 16 Mid to low open woodland dominated by *Eucalyptus camaldulensis* subsp. *refulgens* and *Melaleuca argentea* over tall sparse shrubland dominated by *Melaleuca glomerata*, *Acacia coriacea* subsp. *pendens* and *Acacia trachycarpa* over mid to low sparse shrubland dominated by *Acacia pyrifolia* var. *pyrifolia*, *Crotalaria cunninghamii* and *Corchorus incanus* subsp. *incanus* over low sparse hummock grassland dominated by *Triodia epactia* over low sparse sedgeland dominated by *Cyperus vaginatus* on pale red or brown sand with patchy mixed stones in river channels
- 17 Tall open to sparse shrubland dominated by *Acacia sabulosa* over mid open to sparse shrubland of mixed species dominated by *Corchorus incanus* subsp. *incanus*, *Sida arenicola*, *Ptilotus arthrolasius*, *Gyrostemon tepperi* and *Triumfetta deserticola* over low open to sparse hummock grassland dominated by *Triodia lanigera* and *Triodia schinzii* over low sparse tussock grassland dominated by *Aristida holathera* var. *holathera* and *Eragrostis eriopoda* on red sand on dunes
- C Cleared land

APPENDIX N

LEGEND: Detailed Mapping of Vegetation Types and Other Areas of the Survey Area



APPENDIX O

**Matrix of Vascular Plant Taxa Recorded within
Each VT Described in the Survey Area**

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Abutilon amplum</i>																x	
<i>Abutilon lepidum</i>	x		x	x				x	x	x		x					
<i>Abutilon macrum</i>			x	x													
<i>Abutilon otocarpum</i>		x	x	x	x					x							
<i>Abutilon oxycarpum</i> subsp. Prostrate (A.A. Mitchell PRP 1266)		x			x												
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025)					x					x							
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095) (P3)	x		x	x	x					x				x			
<i>Acacia acradenia</i>			x	x				x	x	x	x	x	x	x			
<i>Acacia ampliceps</i>																x	
<i>Acacia ancistrocarpa</i>	x		x	x	x	x	x	x	x	x	x	x	x	x			x
<i>Acacia ancistrocarpa x orthocarpa</i>											x			x			
<i>Acacia bivenosa</i>				x				x				x					
<i>Acacia coleii</i>	x		x	x	x	x		x		x	x	x	x	x	x	x	
<i>Acacia coriacea</i> subsp. <i>pendens</i>														x		x	
<i>Acacia inaequilatera</i>	x		x	x	x	x		x	x	x	x	x	x	x			
<i>Acacia melleodora</i>					x												
<i>Acacia orthocarpa</i>				x						x	x		x	x			
<i>Acacia orthocarpa x stellaticeps</i>											x			x			
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>					x				x					x		x	
<i>Acacia sabulosa</i>				x	x					x							x
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>										x				x			
<i>Acacia sericophylla</i>			x	x	x			x	x	x				x			
<i>Acacia sphaerostachya</i>	x		x	x	x					x		x		x			

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Acacia stellaticeps</i>	x	x	x	x	x	x		x	x	x	x	x	x	x			
<i>Acacia synchronicia</i>	x				x									x			
<i>Acacia trachycarpa</i>			x	x	x	x	x	x	x	x	x	x		x		x	x
<i>Acacia trachycarpa x tumida var. pilbarensis</i>			x	x									x			x	
<i>Acacia trudgeniana</i>					x												
<i>Acacia tumida var. pilbarensis</i>			x	x			x	x	x	x	x	x	x	x		x	
<i>Acacia victoriae</i>					x												
<i>Achyranthes aspera</i>	x																
<i>Adriana tomentosa var. tomentosa</i>																	x
* <i>Aerva javanica</i>				x	x	x				x						x	
<i>Aeschynomene indica</i>		x															
<i>Afrohybanthus aurantiacus</i>			x		x	x		x		x	x	x				x	x
<i>Alternanthera nana</i>			x														
<i>Amaranthus cuspidifolius</i>												x					
<i>Amaranthus undulatus</i>	x		x	x					x	x		x					
<i>Aristida contorta</i>	x	x			x				x					x			
<i>Aristida holathera var. holathera</i>	x	x	x	x	x		x	x	x	x	x	x	x	x			x
<i>Aristida hygrometrica</i>	x				x									x			
<i>Aristida inaequiglumis</i>				x	x					x				x			
<i>Arivela uncifera</i>				x			x	x	x	x				x			
<i>Arivela viscosa</i>		x	x	x	x	x	x	x	x	x		x				x	
<i>Bergia perennis subsp. perennis</i>															x		
<i>Boerhavia coccinea</i>	x	x	x	x	x		x	x	x	x		x				x	x
<i>Boerhavia gardneri</i>					x												

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Boerhavia schomburgkiana</i>																x	
<i>Bonamia alatisemina</i>	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x
<i>Bonamia erecta</i>			x	x	x		x	x	x	x				x			x
<i>Bonamia media</i>			x		x					x							x
<i>Bonamia pilbarensis</i>								x	x		x	x					
<i>Bulbostylis barbata</i>	x	x	x	x	x		x	x	x	x		x		x		x	
<i>Byblis pilbarana</i>	x	x	x	x													
<i>Cajanus cinereus</i>											x		x			x	
<i>Cajanus marmoratus</i>					x												
<i>Calandrinia pentavalvis</i>	x	x			x												
<i>Calandrinia pumila</i>		x															
<i>Calandrinia stagnensis</i>	x	x	x	x	x			x									
<i>Calandrinia tepperiana</i>	x		x	x												x	
<i>Calocephalus beardii</i>							x										
<i>Calotis plumulifera</i>	x	x															
* <i>Calotropis procera</i>			x														
<i>Carissa lanceolata</i>	x		x	x	x			x		x							
<i>Cassytha capillaris</i>	x		x	x	x	x		x	x	x	x	x	x	x			x
<i>Cassytha filiformis</i>	x		x							x	x		x	x		x	
* <i>Cenchrus ciliaris</i>	x		x	x	x	x										x	
* <i>Cenchrus setiger</i>		x	x		x											x	
<i>Centipeda minima</i> subsp. <i>macrocephala</i>		x															
<i>Chloris pectinata</i>		x															
<i>Chrysopogon fallax</i>	x	x	x	x	x					x			x	x	x		

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>*Citrullus colocynthis</i>																x	
<i>Clodendrum tomentosum</i> var. <i>tomentosum</i>				x				x		x							
<i>Codonocarpus cotinifolius</i>				x				x	x	x		x					
<i>Commelina ensifolia</i>	x				x												
<i>Corchorus elachocarpus</i>	x		x	x				x		x				x			
<i>Corchorus incanus</i> subsp. <i>incanus</i>			x	x	x	x	x			x	x		x	x		x	x
<i>Corchorus parviflorus</i>				x					x	x		x		x			
<i>Corchorus tectus</i>											x						
<i>Corchorus tridens</i>		x														x	
<i>Corymbia candida</i> subsp. <i>candida</i>		x	x	x	x					x			x	x			
<i>Corymbia hamersleyana</i>			x	x				x	x	x	x	x	x	x			
<i>Corymbia zygomphyllo</i>				x	x			x		x		x	x	x			x
<i>Corynotheca pungens</i>																x	x
<i>Crotalaria cunninghamii</i>						x										x	x
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>					x		x										
<i>Crotalaria ramosissima</i>				x	x					x							
<i>Cucumis variabilis</i>		x	x	x	x			x	x	x			x	x			
<i>Cullen cinereum</i>														x			
<i>Cullen lachnostachys</i>					x									x			
<i>Cullen leucanthum</i>			x														
<i>Cullen martinii</i>					x		x										
<i>Cullen stipulaceum</i>					x												
<i>Cynanchum floribundum</i>																x	
<i>Cynodon prostratus</i>	x																

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Cyperus blakeanus</i>				x													
<i>Cyperus castaneus</i>	x		x	x													
<i>Cyperus conicus</i>																x	
<i>Cyperus iria</i>		x												x			
<i>Cyperus ixiocarpus</i>																x	
<i>Cyperus leptocarpus</i>		x														x	
<i>Cyperus pulchellus</i>		x															
<i>Cyperus squarrosus</i>	x	x	x				x							x			
<i>Cyperus vaginatus</i>																x	
<i>Dactyloctenium radulans</i>	x	x	x		x												
<i>Dampiera candidans</i>									x	x	x	x					
<i>Dentella asperata</i>																x	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>		x															
<i>Digitaria brownii</i>				x													
* <i>Digitaria ciliaris</i>					x												
<i>Dodonaea coriacea</i>				x				x	x	x		x		x			x
<i>Dolichandrone occidentalis</i>				x	x					x							
<i>Dolichocarpa crouchiana</i>								x	x								
<i>Drosera finlaysoniana</i>																x	
<i>Dysphania plantaginella</i>	x							x									
<i>Dysphania rhadinostachya</i>		x		x	x												
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>		x															
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	x		x	x	x		x	x	x	x							
<i>Eleocharis geniculata</i>																x	

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Enneapogon caeruleus</i>									x								
<i>Enneapogon lindleyanus</i>									x								
<i>Eragrostis crateriformis</i>	x	x	x	x	x												
<i>Eragrostis cumingii</i>	x	x	x	x	x		x									x	
<i>Eragrostis dielsii</i>	x	x					x							x			
<i>Eragrostis eriopoda</i>	x		x	x	x	x		x	x	x			x	x			x
<i>Eragrostis speciosa</i>																x	
<i>Eragrostis xerophila</i>		x															
<i>Eriachne aristidea</i>	x	x	x		x											x	x
<i>Eriachne benthamii</i>		x												x		x	
<i>Eriachne flaccida</i>		x															
<i>Eriachne glauca</i> var. <i>glauca</i>		x															
<i>Eriachne helmsii</i>			x	x													x
<i>Eriachne mucronata</i>								x	x		x	x					
<i>Eriachne obtusa</i>	x	x	x	x	x			x		x				x			x
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	x			x			x	x	x	x	x	x					
<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>											x					x	
<i>Eucalyptus victrix</i>			x	x						x					x	x	
<i>Eulalia aurea</i>		x	x	x												x	
<i>Euphorbia australis</i> var. <i>subtomentosa</i>			x	x	x			x	x	x				x		x	
<i>Euphorbia myrtilloides</i>																	x
<i>Euphorbia psilosperma</i>				x						x							x
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	x	x	x	x	x					x						x	
<i>Euphorbia trigonosperma</i>	x	x	x	x	x				x		x					x	

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	x	x		x	x		x	x	x	x							
<i>Euploca cunninghamii</i>								x									
<i>Euploca foliata</i>				x	x					x							
<i>Euploca mutica</i> (P3)										x							
<i>Euploca pachyphylla</i>				x				x	x	x		x					
<i>Euploca tenuifolia</i>									x								
<i>Euploca vestita</i>										x							
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	x		x	x	x				x	x	x	x		x			
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>					x												
<i>Fimbristylis dichotoma</i>	x	x	x	x	x		x							x			
<i>Fimbristylis microcarya</i>																x	
<i>Fimbristylis simulans</i>								x	x			x					
<i>Glinus oppositifolius</i> var. <i>keenanii</i>																x	
<i>Glycine tomentella</i>					x												
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>		x															
<i>Gomphrena cunninghamii</i>									x								
<i>Goodenia forrestii</i>										x							
<i>Goodenia lamprosperma</i>	x	x	x	x				x		x						x	
<i>Goodenia microptera</i>		x	x	x	x	x	x	x	x	x		x					
<i>Goodenia muelleriana</i>								x	x			x					
<i>Goodenia nuda</i>			x		x												
<i>Goodenia stobbsiana</i>								x	x	x	x	x					
<i>Gossypium australe</i>			x		x				x	x		x		x			
<i>Grevillea pyramidalis</i> subsp. <i>leucadendron</i>					x									x			

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Grevillea wickhamii</i> subsp. <i>aprica</i>			x	x				x	x	x	x	x	x	x			
<i>Grona filiformis</i>	x			x	x		x										
<i>Gymnanthera cunninghamii</i> (P3)																x	
<i>Gyrostemon tepperi</i>																	x
<i>Hakea lorea</i> subsp. <i>lorea</i>	x		x	x	x	x		x	x	x	x	x	x	x			
<i>Halgania solanacea</i> var. <i>solanacea</i> ms										x							
<i>Haloragis ?gossei</i>				x				x	x	x							
<i>Heliotropium crispatum</i>	x																
<i>Hibiscus austrinus</i> var. <i>austrinus</i>																x	
<i>Hibiscus brachychlaenus</i>	x			x	x					x		x		x			
<i>Hibiscus coatesii</i>									x	x							
<i>Hibiscus leptocladus</i>			x	x	x			x	x	x				x		x	x
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>			x	x	x			x		x							
<i>Hypertelis cerviana</i>					x				x	x							
<i>Indigofera colutea</i>	x		x		x		x										
<i>Indigofera linifolia</i>	x		x		x		x										
<i>Indigofera linnaei</i>					x												
<i>Indigofera monophylla</i>			x	x	x		x	x	x	x		x	x	x			x
<i>Indigofera trita</i> subsp. <i>trita</i>									x			x					
<i>Ipomoea coptica</i>	x	x															
<i>Ipomoea muelleri</i>			x							x						x	x
<i>Ipomoea polymorpha</i>		x		x	x					x							
<i>Iseilema dolichotrichum</i>	x	x							x								
<i>Isotropis atropurpurea</i>									x	x							

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Leptosema anomalum</i>				x						x							
* <i>Malvastrum americanum</i>					x											x	
<i>Marsilea hirsuta</i>		x	x	x										x	x		
<i>Melaleuca argentea</i>																x	
<i>Melaleuca glomerata</i>																x	
<i>Melaleuca lasiandra</i>			x	x						x							
<i>Melaleuca linophylla</i>																x	
<i>Melhanian oblongifolia</i>					x					x							
<i>Mitrasacme connata</i>	x			x													
<i>Nellica maderaspatensis</i>		x									x					x	
<i>Neptunia dimorphantha</i>		x															
<i>Panicum australiense</i> var. <i>australiense</i>	x			x	x		x	x	x	x		x		x			x
<i>Paraneurachne muelleri</i>				x	x	x		x	x	x	x	x		x			x
<i>Paspalidium clementii</i>		x		x	x				x	x							
<i>Paspalidium rarum</i>	x	x	x	x	x									x			
<i>Paspalidium reflexum</i>																x	
<i>Paspalidium tabulatum</i>									x								
* <i>Passiflora foetida</i> var. <i>hispida</i>			x													x	
<i>Perotis rara</i>	x		x	x	x		x										
<i>Petalostylis cassioides</i>										x							
<i>Petalostylis labicheoides</i>								x			x					x	
<i>Pimelea ammocharis</i>	x		x	x	x			x	x	x		x		x			
<i>Pluchea dentex</i>				x													
<i>Pluchea dunlopia</i>				x													

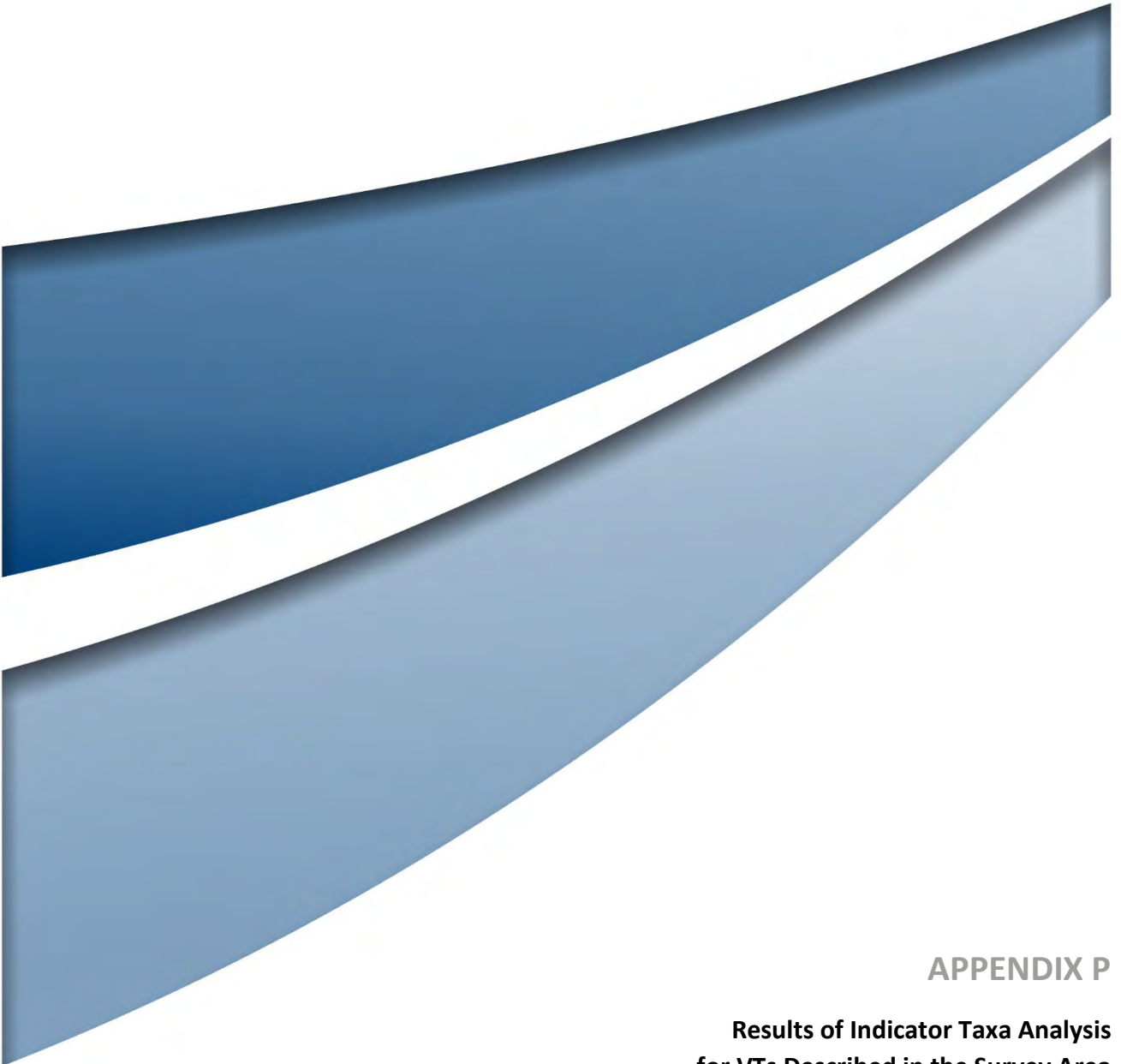
Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Pluchea ferdinandi-muelleri</i>	x		x	x		x					x	x					
<i>Pluchea rubelliflora</i>								x								x	
<i>Pluchea tetranthera</i>	x	x	x	x	x	x		x	x	x	x	x	x	x		x	
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	x	x	x	x	x		x	x	x	x							
<i>Polycarpaea holtzei</i>									x								
<i>Polygala galeocephala</i>	x	x		x	x		x			x							
<i>Polygala isingii</i>	x	x															
<i>Polymeria mollis</i>	x		x	x	x		x	x	x	x		x					
<i>Polymeria</i> sp. nov (undescribed)								x									
<i>Portulaca cyclophylla</i>	x	x															
<i>Portulaca filifolia</i>				x						x		x					
<i>Portulaca oleracea</i>	x	x	x	x	x		x	x	x	x		x		x		x	
<i>Pterocaulon sphacelatum</i>	x		x			x				x				x			
<i>Ptilotus appendiculatus</i>				x													
<i>Ptilotus arthrolasius</i>										x							x
<i>Ptilotus astrolasius</i>				x	x			x	x	x	x	x		x			
<i>Ptilotus auriculifolius</i>									x								
<i>Ptilotus axillaris</i>				x	x			x	x	x		x		x			
<i>Ptilotus calostachyus</i>				x	x			x	x	x	x	x		x			
<i>Ptilotus exaltatus</i>									x	x							
<i>Ptilotus fusiformis</i>			x	x	x			x	x	x				x		x	
<i>Ptilotus incanus</i>										x							
<i>Ptilotus murrayi</i>	x	x															
<i>Ptilotus obovatus</i>									x								

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Ptilotus polystachyus</i>					x												
<i>Rhynchosia minima</i>	x	x	x	x	x	x			x	x			x			x	
<i>Rothia indica</i> subsp. <i>australis</i> (P3)	x	x			x												
<i>Scaevola amblyanthera</i> var. <i>centralis</i>								x									
<i>Scaevola browniana</i> subsp. <i>browniana</i>											x						
<i>Scaevola parvifolia</i> subsp. <i>pilbarae</i>										x				x			x
<i>Schizachyrium fragile</i>				x	x		x										
<i>Schoenoplectiella laevis</i>		x															
<i>Scleromitron galioides</i>		x														x	
<i>Senna artemisioides</i> subsp. <i>helmsii</i>			x		x				x	x							
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>				x	x			x	x	x		x					x
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>glutinosa</i> subsp. <i>glutinosa</i>								x				x					
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>				x				x	x	x		x					
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>								x		x							
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>										x		x					
<i>Senna notabilis</i>	x	x	x	x	x		x	x	x	x	x	x		x		x	x
<i>Senna symonii</i>								x		x	x	x					
<i>Senna venusta</i>			x														
<i>Seringia nephrosperma</i>												x					
<i>Sesbania cannabina</i>																x	
<i>Sida arenicola</i>	x		x	x	x				x	x		x	x	x			x
<i>Sida arsinata</i>					x												
<i>Sida echinocarpa</i>			x	x	x				x	x				x			

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Sida fibulifera</i>		x	x		x	x											
<i>Sida rohlenae</i> subsp. <i>rohlenae</i>	x		x	x	x					x		x		x		x	
<i>Sida</i> sp. L (A.M. Ashby 4202)				x													
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	x		x	x	x			x		x	x	x	x	x			
<i>Sida</i> sp. Pindan (B.G. Thomson 3398)				x	x					x							
<i>Sida</i> sp. Rabbit Flat (B.J. Carter 626)	x		x	x													
<i>Solanum cleistogamum</i>	x		x	x	x					x	x	x		x			
<i>Solanum diversiflorum</i>				x	x		x		x	x							
<i>Solanum horridum</i>				x													
<i>Solanum lasiophyllum</i>				x	x					x	x	x		x			
<i>Solanum phlomoides</i>	x		x	x	x		x	x	x	x	x	x		x		x	x
<i>Sporobolus australasicus</i>	x	x	x	x										x			
<i>Stackhousia intermedia</i>				x													
<i>Stackhousia</i> sp. swollen gynophore (W.R. Barker 2041)	x			x													
<i>Stemodia grossa</i>				x					x	x							x
<i>Stemodia viscosa</i>																	x
<i>Streptoglossa decurrens</i>	x	x	x	x	x			x									
<i>Streptoglossa macrocephala</i>										x		x					
<i>Swainsona formosa</i>									x			x					
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	x	x	x	x	x		x										
<i>Tephrosia clementii</i>											x						
<i>Tephrosia densa</i>									x								
<i>Tephrosia rosea</i> var. <i>rosea</i>			x	x													
<i>Tephrosia rosea</i> var. <i>clementii</i>							x										

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Tephrosia supina</i>					x												
<i>Tephrosia virens</i>									x								
<i>Tephrosia</i> sp. B Kimberley Flora (C.A. Gardner 7300)					x	x										x	
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)				x			x	x	x	x	x			x			
<i>Tephrosia</i> sp. D Kimberley Flora (R.D. Royce 1848)	x	x		x	x												
<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)								x	x			x					
<i>Themeda triandra</i>									x								
<i>Tinospora smilacina</i>			x	x	x				x	x	x	x	x	x		x	
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>				x			x		x	x		x					
<i>Trianthema pilosum</i>				x	x		x		x	x							x
<i>Trianthema triquetrum</i>	x	x			x												
<i>Tribulopsis angustifolia</i>				x	x					x		x					x
<i>Tribulus hirsutus</i>				x	x	x		x	x	x							x
<i>Tribulus macrocarpus</i>	x																
<i>Tribulus platypterus</i>									x								
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>			x	x	x					x							
<i>Trigastrotheca molluginea</i>	x		x	x	x		x	x	x	x	x	x	x	x			x
<i>Triodia angusta</i>											x					x	
<i>Triodia chichesterensis</i> (P3)								x			x						
<i>Triodia epactia</i>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
<i>Triodia lanigera</i>				x		x			x	x	x	x		x		x	x
<i>Triodia longiceps</i>	x	x	x	x	x												
<i>Triodia schinzii</i>				x	x				x	x				x			x

Taxon	VT																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Triodia secunda</i>	x	x															
<i>Triodia wiseana</i>								x	x		x	x					
<i>Triumfetta clementii</i>									x								
<i>Triumfetta deserticola</i>																	x
<i>Triumfetta propinqua</i>																x	
<i>Triumfetta ramosa</i>			x	x			x		x	x							
<i>Urochloa holosericea</i> subsp. <i>velutina</i>					x												
<i>Vigna lanceolata</i> var. <i>lanceolata</i>							x										
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)			x														
<i>Wahlenbergia tumidifructa</i>	x	x	x														x
<i>Waltheria indica</i>			x	x		x											x
<i>Zornia albiflora</i>			x		x												
<i>Zornia muelleriana</i> subsp. <i>congesta</i>				x	x		x										



APPENDIX P

**Results of Indicator Taxa Analysis
for VTs Described in the Survey Area**

Note: Shading denotes highest INDVAL values per taxon and VT. INDVAL values are only shown for VTs represented by more than one quadrat, and for taxa that are significant at $p < 0.05$. p values are indicated by:

* = $p < 0.05$

** = $p < 0.01$

*** = $p < 0.001$.

Taxon	INDVAL Value (%)													
	1	2	3	4	5	8	9	10	11	12	13	14	16	17
<i>Fimbristylis dichotoma</i> ***	40	21	4	0	1	0	0	0	0	0	0	2	0	0
<i>Streptoglossa decurrens</i> *	18	2	2	2	3	1	0	0	0	0	0	0	0	0
<i>Triodia longiceps</i> ***	40	15	12	1	0	0	0	0	0	0	0	0	0	0
<i>Cyperus pulchellus</i> **	0	29	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eriachne benthamii</i> ***	0	21	0	0	0	0	0	0	0	0	0	0	19	0
<i>Eriachne flaccida</i> ***	0	43	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eriachne glauca</i> var. <i>glauca</i> ***	0	100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Marsilea hirsuta</i> ***	0	54	3	0	0	0	0	0	0	0	0	0	0	0
<i>Neptunia dimorphantha</i> ***	0	86	0	0	0	0	0	0	0	0	0	0	0	0
<i>Abutilon otocarpum</i> **	0	2	24	5	1	0	0	0	0	0	0	0	0	0
<i>Acacia coleii</i> **	0	0	23	2	6	1	0	0	2	0	18	9	1	0
<i>Afrohybanthus aurantiacus</i> **	0	0	30	0	0	0	0	0	0	3	0	0	27	1
<i>Carissa lanceolata</i> ***	4	0	56	0	6	1	0	0	0	0	0	0	0	0
<i>Chrysopogon fallax</i> ***	1	5	25	9	15	0	0	0	0	0	19	0	0	0
<i>Corymbia candida</i> subsp. <i>candida</i> *	0	1	18	0	1	0	0	0	0	0	18	0	0	0
<i>Cucumis variabilis</i> *	0	1	15	5	3	1	1	1	0	0	1	0	0	0

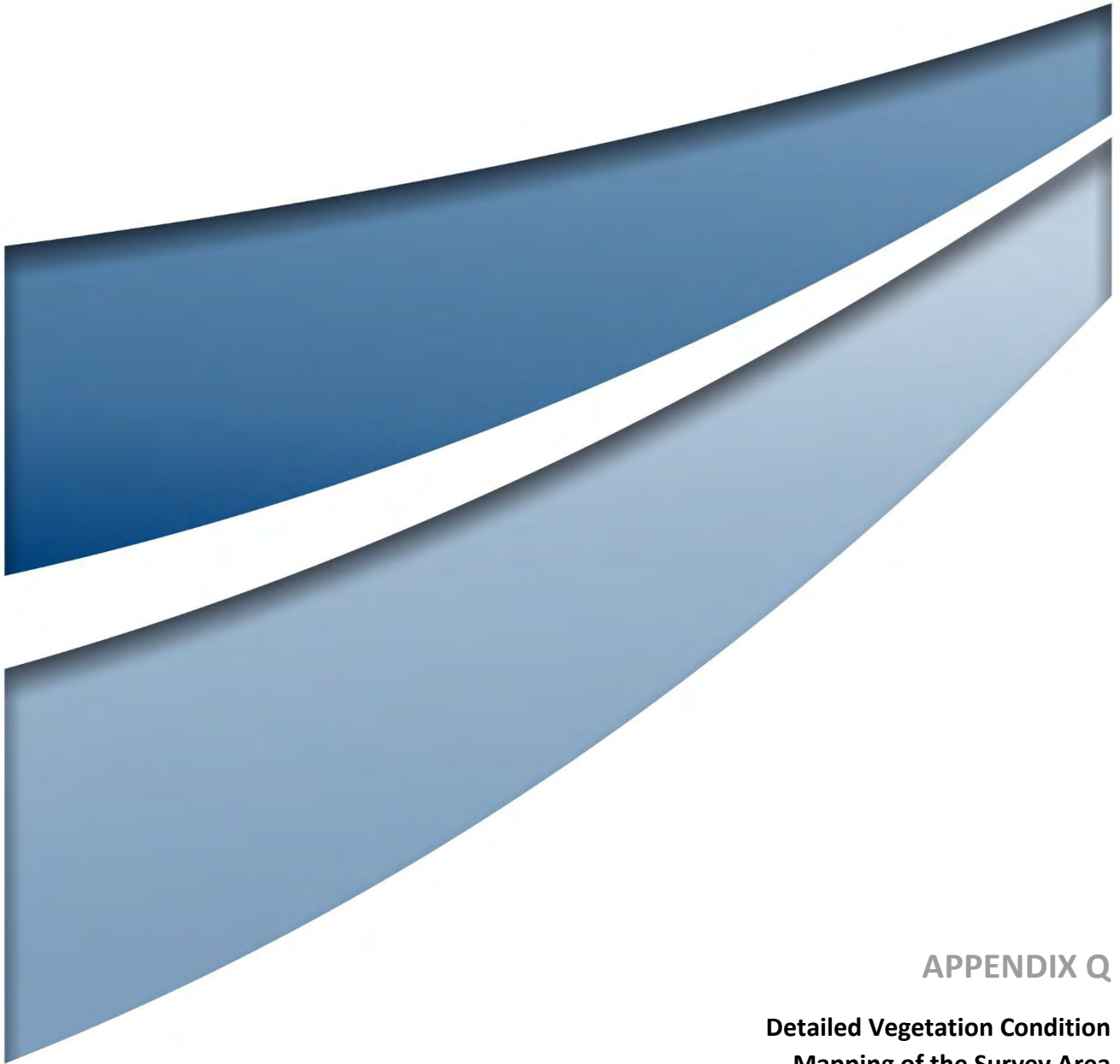
Taxon	INDVAL Value (%)													
	1	2	3	4	5	8	9	10	11	12	13	14	16	17
<i>Cullen leucanthum</i> **	0	0	33	0	0	0	0	0	0	0	0	0	0	0
<i>Eriachne obtusa</i> **	9	2	21	8	7	0	0	0	0	0	0	0	0	4
<i>Goodenia nuda</i> **	0	0	26	0	2	0	0	0	0	0	0	0	0	0
<i>Gossypium australe</i> **	0	0	23	0	0	0	10	0	0	2	0	0	0	0
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i> *	0	0	17	1	0	6	0	0	0	0	0	0	0	0
<i>Ipomoea muelleri</i> *	0	0	17	0	0	0	0	0	0	0	0	0	6	2
<i>Pluchea tetranthera</i> ***	3	0	23	13	2	0	1	4	0	0	0	9	1	0
<i>Senna notabilis</i> **	1	0	17	6	1	12	8	2	0	0	0	1	1	0
<i>Sida fibulifera</i> **	0	4	21	0	0	0	0	0	0	0	0	0	0	0
<i>Sida rohlenae</i> subsp. <i>rohlenae</i> ***	0	0	33	2	2	0	0	0	0	0	0	0	17	0
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)***	1	0	29	3	4	5	0	0	0	2	7	2	0	0
<i>Waltheria indica</i> ***	0	0	62	1	0	0	0	0	0	0	0	0	4	0
<i>Acacia stellaticeps</i> ***	3	0	4	14	5	10	2	10	10	2	1	7	0	0
<i>Melaleuca lasiandra</i> *	0	0	12	17	0	0	0	6	0	0	0	0	0	0
<i>Trigastrotheca molluginea</i> ***	0	0	2	15	12	9	14	9	0	4	1	0	0	1
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095) (P3)**	0	0	11	0	23	0	0	0	0	0	0	0	0	0
<i>Acacia trudgeniana</i> ***	0	0	0	0	76	0	0	0	0	0	0	0	0	0
<i>Bonamia alatisemina</i> ***	0	0	1	11	15	1	6	12	0	0	10	1	1	3
<i>Cajanus marmoratus</i> **	0	0	0	0	29	0	0	0	0	0	0	0	0	0
<i>Crotalaria ramosissima</i> **	0	0	0	1	23	0	0	0	0	0	0	0	0	0
<i>Cullen lachnostachys</i> ***	0	0	0	0	35	0	0	0	0	0	0	0	0	0
<i>Dolichandrone occidentalis</i> *	0	0	0	0	16	0	0	0	0	0	0	0	0	0

Taxon	INDVAL Value (%)													
	1	2	3	4	5	8	9	10	11	12	13	14	16	17
<i>Evolvulus alsinoides</i> var. <i>decumbens</i> , <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> ***	1	0	25	2	27	0	2	1	0	0	0	0	0	0
<i>Grevillea pyramidalis</i> subsp. <i>leucadendron</i> **	0	0	0	0	31	0	0	0	0	0	0	0	0	0
<i>Indigofera linnaei</i> *	0	0	0	0	19	0	0	0	0	0	0	0	0	0
<i>Pimelea ammocharis</i> **	1	0	13	1	19	2	1	1	0	0	0	0	0	0
<i>Solanum lasiophyllum</i> **	0	0	0	1	22	0	0	2	1	2	0	1	0	0
<i>Tephrosia</i> sp. D Kimberley Flora (R.D. Royce 1848)***	1	2	0	0	62	0	0	0	0	0	0	0	0	0
<i>Acacia bivenosa</i> ***	0	0	0	0	0	89	0	0	0	0	0	0	0	0
<i>Bonamia pilbarensis</i> **	0	0	0	0	0	25	12	0	14	16	0	0	0	0
<i>Corchorus elachocarpus</i> ***	2	0	17	18	0	32	0	0	0	0	0	0	0	0
<i>Eriachne mucronata</i> *	0	0	0	0	0	15	12	0	5	11	0	0	0	0
<i>Euploca pachyphylla</i> **	0	0	0	0	0	21	7	0	0	1	0	0	0	0
<i>Goodenia microptera</i> ***	0	2	3	10	11	20	11	6	0	0	0	0	0	0
<i>Hakea lorea</i> subsp. <i>lorea</i> *	0	0	1	4	1	16	5	2	9	15	0	0	0	0
<i>Scaevola amblyanthera</i> var. <i>centralis</i> ***	0	0	0	0	0	90	0	0	0	0	0	0	0	0
<i>Senna symonii</i> **	0	0	0	0	0	22	0	2	4	7	0	0	0	0
<i>Tribulus hirsutus</i> ***	0	0	0	11	0	43	1	3	0	0	0	0	0	1
<i>Abutilon lepidum</i> *	0	0	2	2	0	1	17	0	0	4	0	0	0	0
<i>Corchorus parviflorus</i> ***	0	0	0	1	0	0	36	17	0	11	0	0	0	0
<i>Grevillea wickhamii</i> subsp. <i>aprica</i> *	0	0	1	0	0	13	16	1	13	11	4	0	0	0
<i>Isotropis atropurpurea</i> **	0	0	0	0	0	0	21	0	0	0	0	0	0	0
<i>Solanum diversiflorum</i> **	0	0	0	1	4	0	23	2	0	0	0	0	0	0
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)**	0	0	0	3	0	20	24	2	1	0	0	0	0	0

Taxon	INDVAL Value (%)													
	1	2	3	4	5	8	9	10	11	12	13	14	16	17
<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)***	0	0	0	0	0	4	41	0	0	4	0	0	0	0
<i>Tephrosia virens</i> **	0	0	0	0	0	0	22	0	0	0	0	0	0	0
<i>Themeda triandra</i> **	0	0	0	0	0	0	22	0	0	0	0	0	0	0
<i>Triumfetta clementii</i> **	0	0	0	0	0	0	22	0	0	0	0	0	0	0
<i>Tribulus platypterus</i> **	0	0	0	0	0	0	22	0	0	0	0	0	0	0
<i>Triodia wiseana</i> ***	0	0	0	0	0	2	49	0	1	11	0	0	0	0
<i>Acacia inaequilatera</i> ***	0	0	0	2	0	10	9	7	15	13	11	8	0	0
<i>Acacia orthocarpa</i> ***	0	0	0	0	0	0	0	0	68	0	4	1	0	0
<i>Scaevola browniana</i> subsp. <i>browniana</i> **	0	0	0	0	0	0	0	0	20	0	0	0	0	0
<i>Triodia angusta</i> ***	0	0	0	0	0	0	0	0	36	0	0	0	6	0
<i>Triodia chichesterensis</i> (P3)*	0	0	0	0	0	8	0	0	18	0	0	0	0	0
<i>Goodenia stobbsiana</i> ***	0	0	0	0	0	10	3	1	1	32	0	0	0	0
<i>Ptilotus calostachyus</i> **	0	0	0	2	0	17	5	8	17	19	0	0	0	0
<i>Acacia acradenia</i> **	0	0	1	0	0	7	6	2	3	12	22	1	0	0
<i>Acacia ancistrocarpa</i> ***	0	0	4	7	2	3	3	13	3	10	16	6	0	0
<i>Acacia tumida</i> var. <i>pilbarensis</i> ***	0	0	14	2	0	0	2	0	0	1	31	2	5	0
<i>Cajanus cinereus</i> **	0	0	0	0	0	0	0	0	1	0	25	0	16	0
<i>Corymbia hamersleyana</i> **	0	0	1	1	0	11	0	0	15	6	23	1	0	0
<i>Tinospora smilacina</i> **	0	0	3	4	3	0	0	0	1	1	24	0	11	0
<i>Acacia coriacea</i> subsp. <i>pendens</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	77	0
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i> ***	0	0	0	0	0	0	9	0	0	0	0	0	53	0
<i>Acacia trachycarpa</i> ***	0	0	5	2	0	0	1	0	0	1	0	0	28	6
<i>Cassyltha filiformis</i> **	0	0	2	0	0	0	0	0	1	0	10	0	26	0

Taxon	INDVAL Value (%)													
	1	2	3	4	5	8	9	10	11	12	13	14	16	17
<i>Corynotheca pungens</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	50	2
<i>Crotalaria cunninghamii</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	67	17
<i>Cynanchum floribundum</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	80	0
<i>Cyperus ixiocarpus</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	40	0
<i>Cyperus vaginatus</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	60	0
<i>Dentella asperata</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	40	0
<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i> ***	0	0	0	0	0	0	0	0	1	0	0	0	71	0
<i>Eulalia aurea</i> ***	0	2	10	0	0	0	0	0	0	0	0	0	32	0
<i>Goodenia lamprosperma</i> *	0	14	11	5	0	0	0	1	0	0	0	0	15	0
<i>Gymnanthera cunninghamii</i> (P3)***	0	0	0	0	0	0	0	0	0	0	0	0	60	0
<i>Melaleuca argentea</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	60	0
<i>Melaleuca glomerata</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	80	0
<i>Melaleuca linophylla</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	40	0
<i>Nellica maderaspatensis</i> **	0	3	0	0	0	0	0	0	2	0	0	0	25	0
<i>Rhynchosia minima</i> ***	1	1	5	1	1	0	2	0	0	0	3	0	29	0
<i>Stemodia grossa</i> **	0	0	0	2	0	0	6	2	0	0	0	0	19	0
<i>Stemodia viscosa</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	40	0
<i>Tephrosia</i> sp. B Kimberley Flora (C.A. Gardner 7300)*	0	0	0	0	1	0	0	0	0	0	0	0	16	0
<i>Acacia sabulosa</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	0	92
<i>Aristida holathera</i> var. <i>holathera</i> ***	1	0	12	9	10	8	2	4	0	1	0	1	0	17
<i>Bonamia erecta</i> ***	0	0	1	5	0	0	2	7	0	0	0	1	0	25
<i>Bonamia media</i> ***	0	0	14	0	15	0	0	0	0	0	0	0	0	32
<i>Corchorus incanus</i> subsp. <i>incanus</i> ***	0	0	3	0	20	0	0	0	2	0	0	1	17	27

Taxon	INDVAL Value (%)													
	1	2	3	4	5	8	9	10	11	12	13	14	16	17
<i>Dodonaea coriacea</i> **	0	0	0	8	0	1	1	7	0	1	0	0	0	22
<i>Eragrostis eriopoda</i> ***	0	0	5	9	15	1	4	4	0	0	3	1	0	21
<i>Eriachne helmsii</i> **	0	0	5	0	0	0	0	0	0	0	0	0	0	25
<i>Gyrostemon tepperi</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	0	75
<i>Ptilotus arthrolasius</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	0	94
<i>Scaevola parvifolia</i> subsp. <i>pilbarae</i> ***	0	0	0	0	0	0	0	1	0	0	0	0	0	41
<i>Sida arenicola</i> ***	1	0	1	13	3	0	3	9	0	0	0	0	0	29
<i>Triumfetta deserticola</i> ***	0	0	0	0	0	0	0	0	0	0	0	0	0	63
<i>Triodia lanigera</i> ***	0	0	0	5	0	0	10	19	11	0	0	0	4	23
<i>Triodia schinzii</i> ***	0	0	0	5	0	0	1	22	0	0	0	0	0	29



APPENDIX Q

**Detailed Vegetation Condition
Mapping of the Survey Area**

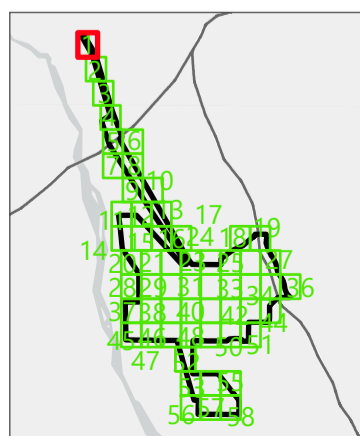


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

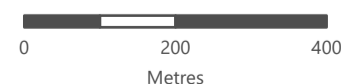
- Survey Area
 - Targeted Survey Area
 - Road
- Introduced Flora (Umwelt, 2024)**
- Cec **Cenchrus ciliaris*
 - Cse **Cenchrus setiger*
 - Ecc **Echinochloa colona*

- Vegetation Condition**
- Very Good
 - Not Assessed



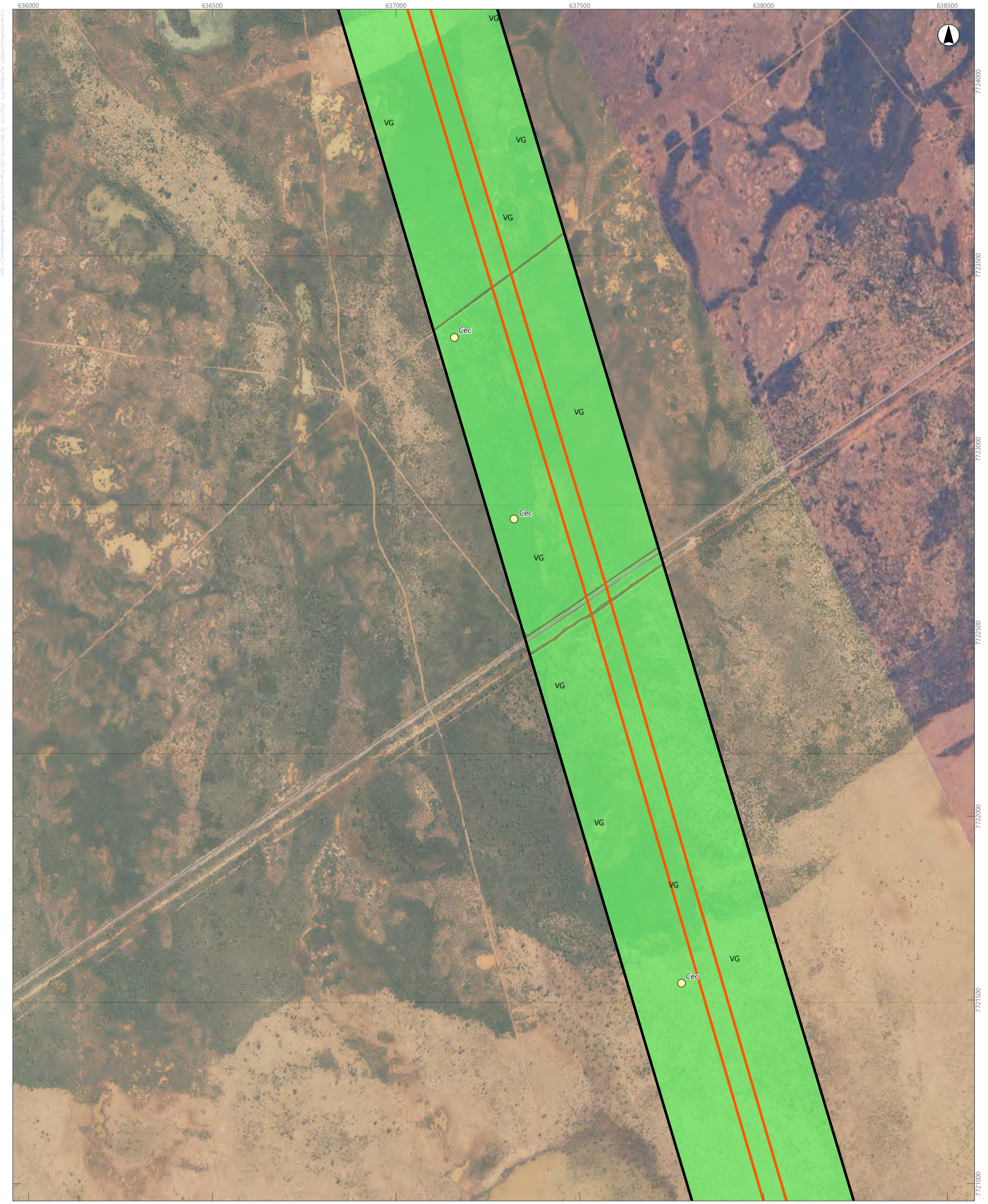
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 1)



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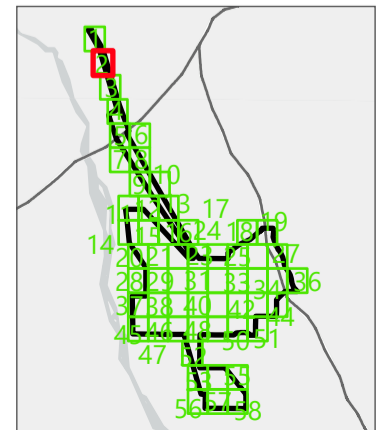
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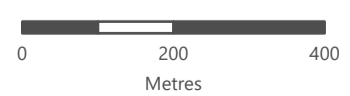
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Introduced Flora (Umwelt, 2024)**
 - Cec **Cenchrus ciliaris*

- Vegetation Condition**
- Very Good
 - Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 2)



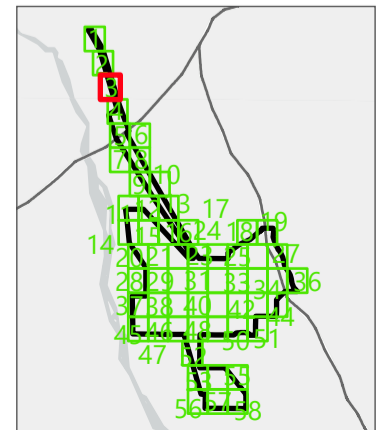
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

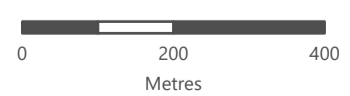
- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Introduced Flora (Umwelt, 2024)**
 - Cec **Cenchrus ciliaris*

- Vegetation Condition**
- Very Good
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 3)



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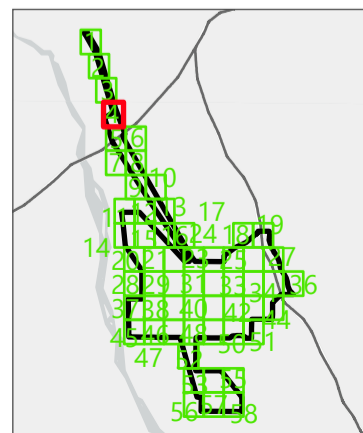


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

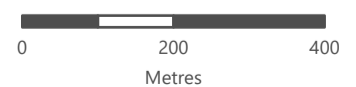
- Survey Area
 - Targeted Survey Area
 - Road
- Introduced Flora (Umwelt, 2024)**
- Aeja **Aerva javanica*
 - Cec **Cenchrus ciliaris*
 - Cse **Cenchrus setiger*
 - Dci **Digitaria ciliaris*
 - Maa **Malvastrum americanum*

- Vegetation Condition**
- Very Good
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 4)



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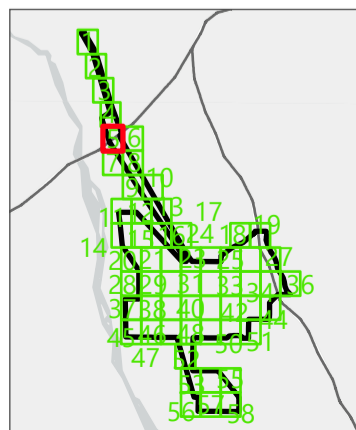
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

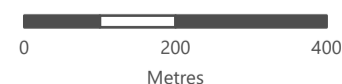
Legend

- Survey Area
 - Targeted Survey Area
 - Road
- Vegetation Condition**
- Very Good
 - Not Assessed



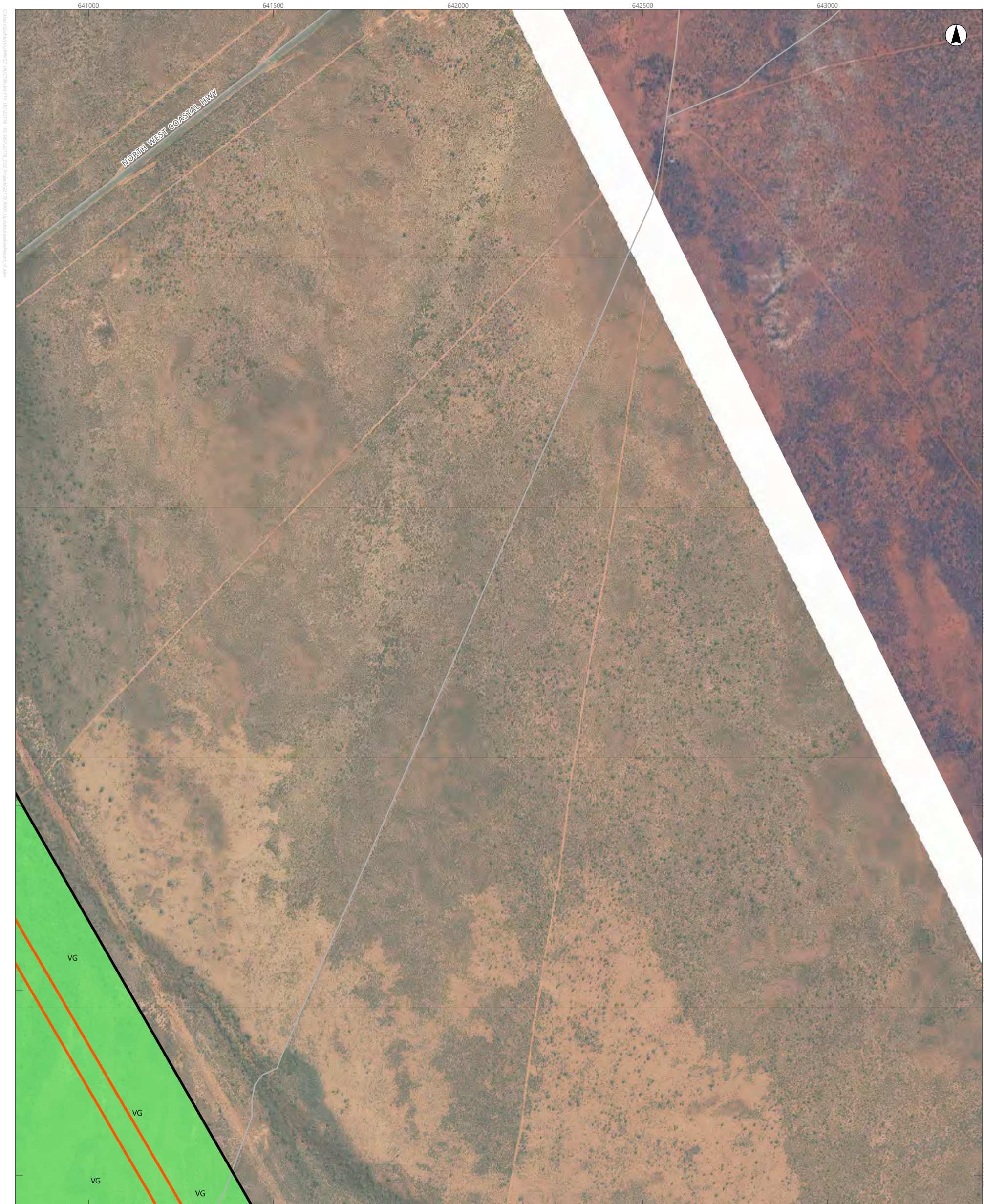
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 5)



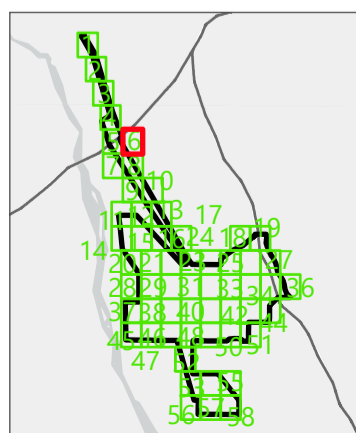
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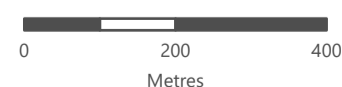
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- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
- Vegetation Condition**
- Very Good
 - Not Assessed



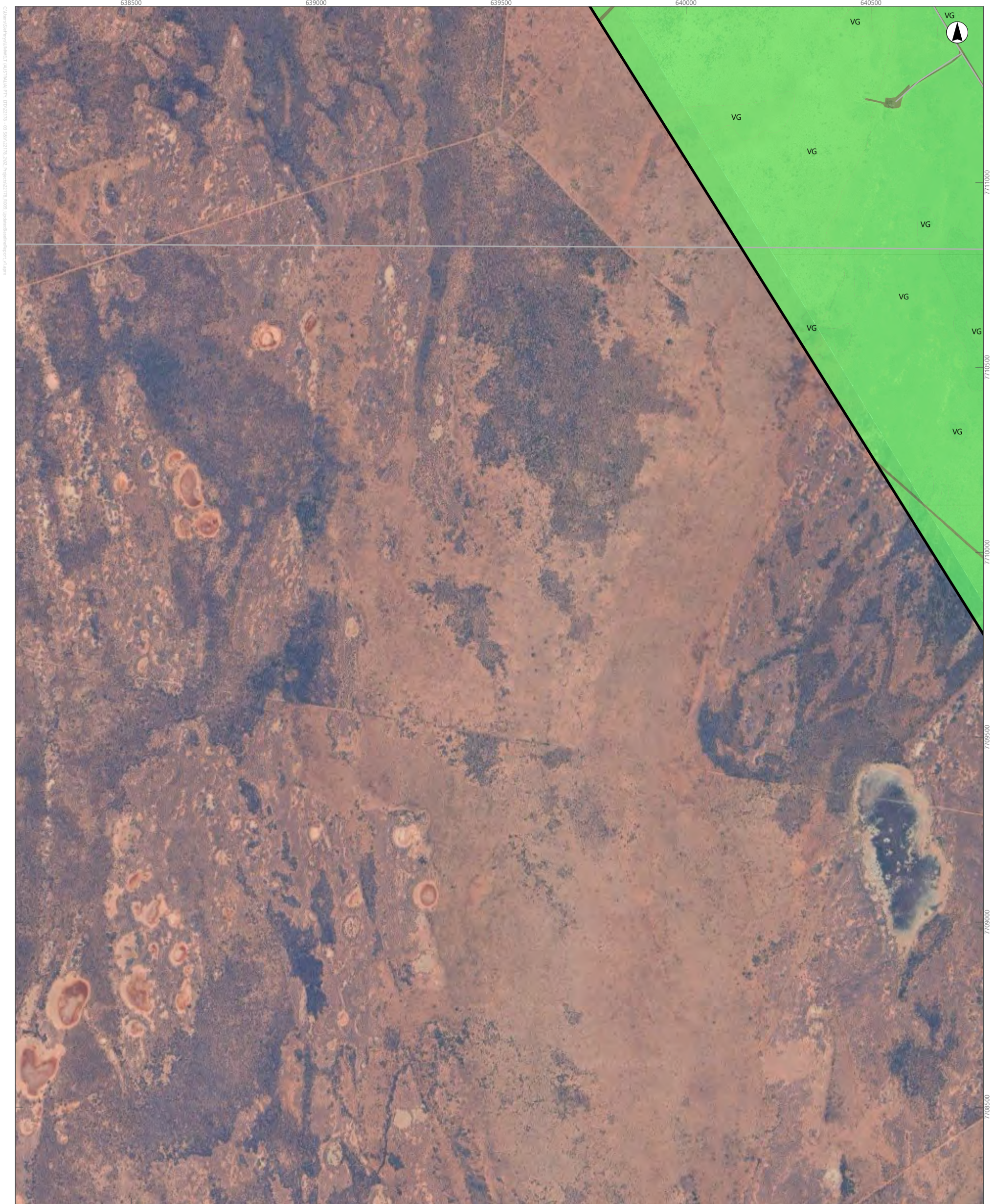
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 6)



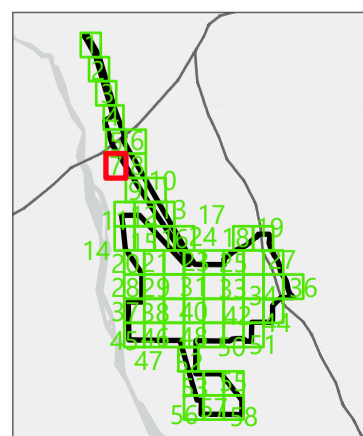
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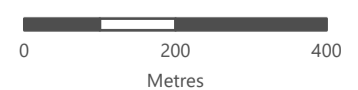
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- Legend**
- Survey Area
 - Very Good
 - Not Assessed
 - Road



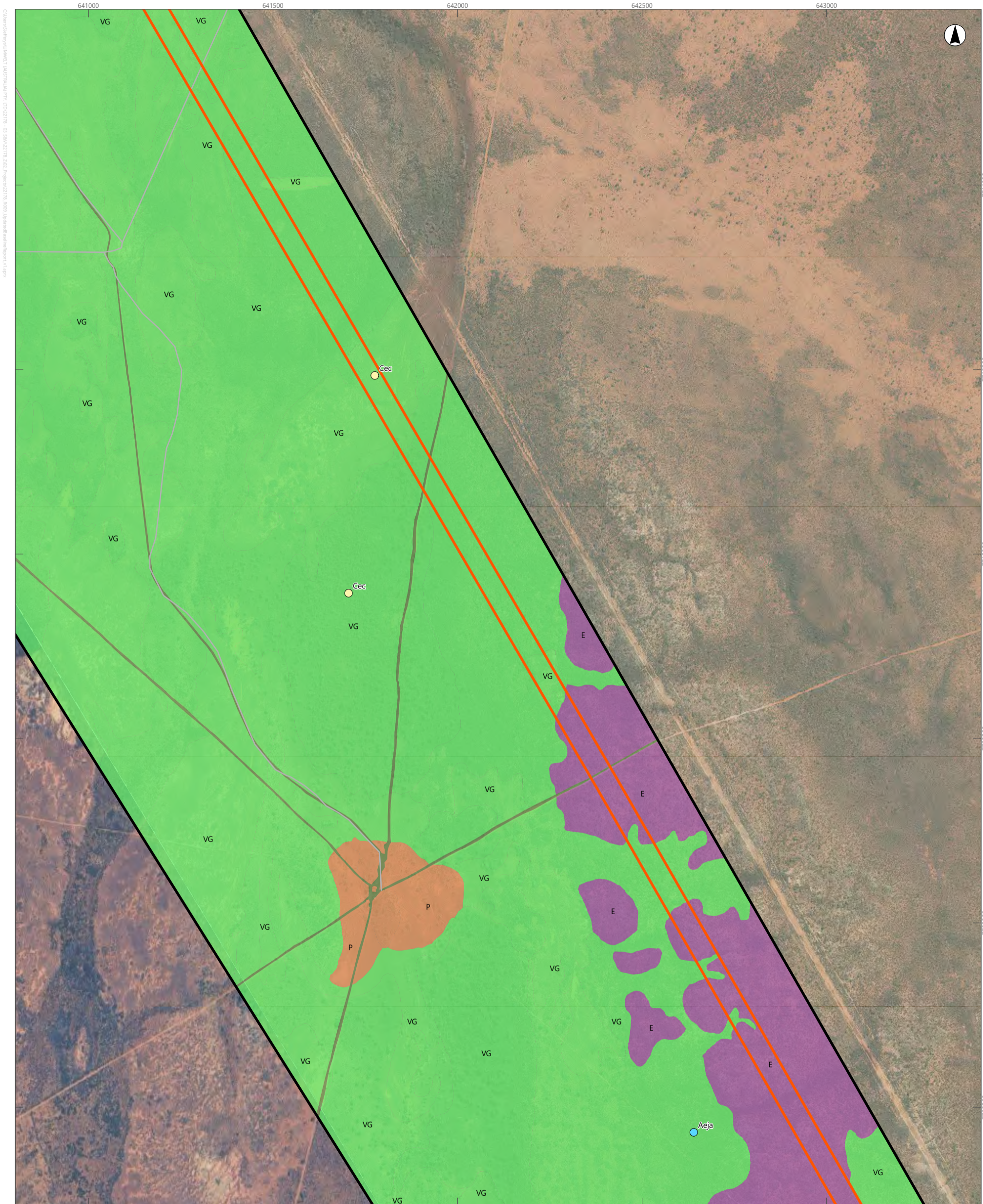
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 7)



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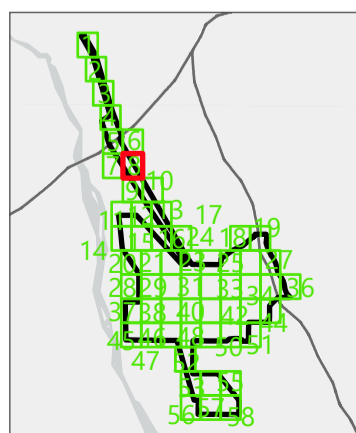
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Legend

- Survey Area
 - Targeted Survey Area
 - Road
- Introduced Flora (Umwelt, 2024)**
- Aeja **Aerva javanica*
 - Cec **Cenchrus ciliaris*

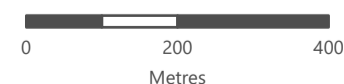
Vegetation Condition

- Excellent
- Very Good
- Poor
- Not Assessed



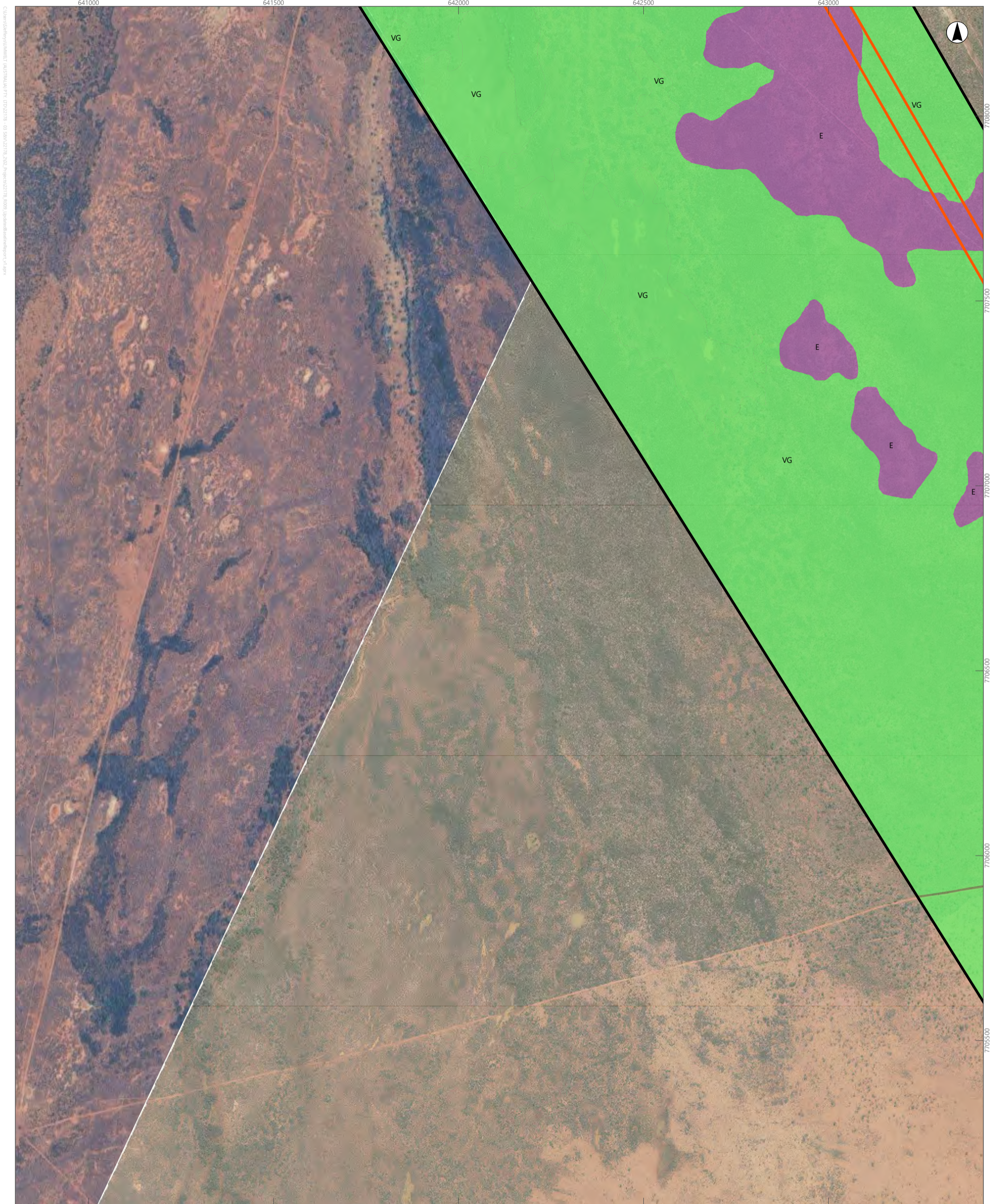
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 8)



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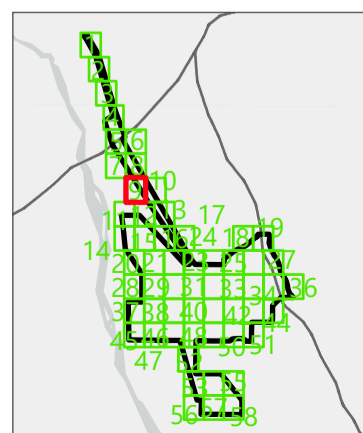
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

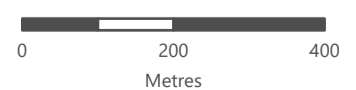
Legend

- | | |
|----------------------|-----------------------------|
| Survey Area | Vegetation Condition |
| Targeted Survey Area | Excellent |
| | Very Good |
| | Not Assessed |

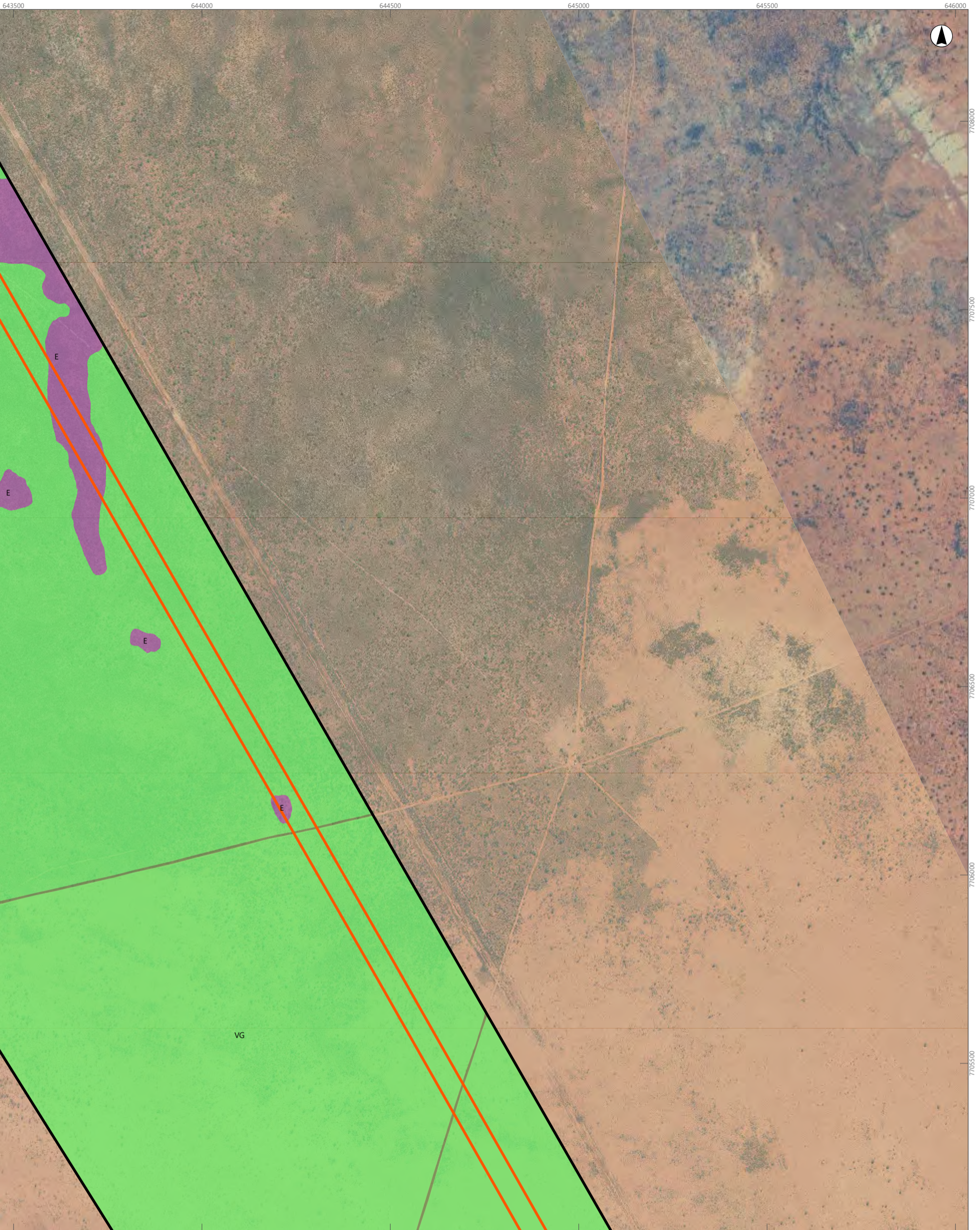


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 9)

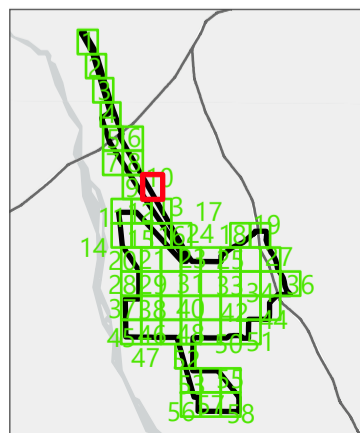


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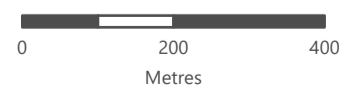
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
- Vegetation Condition**
- Excellent
 - Very Good
 - Not Assessed



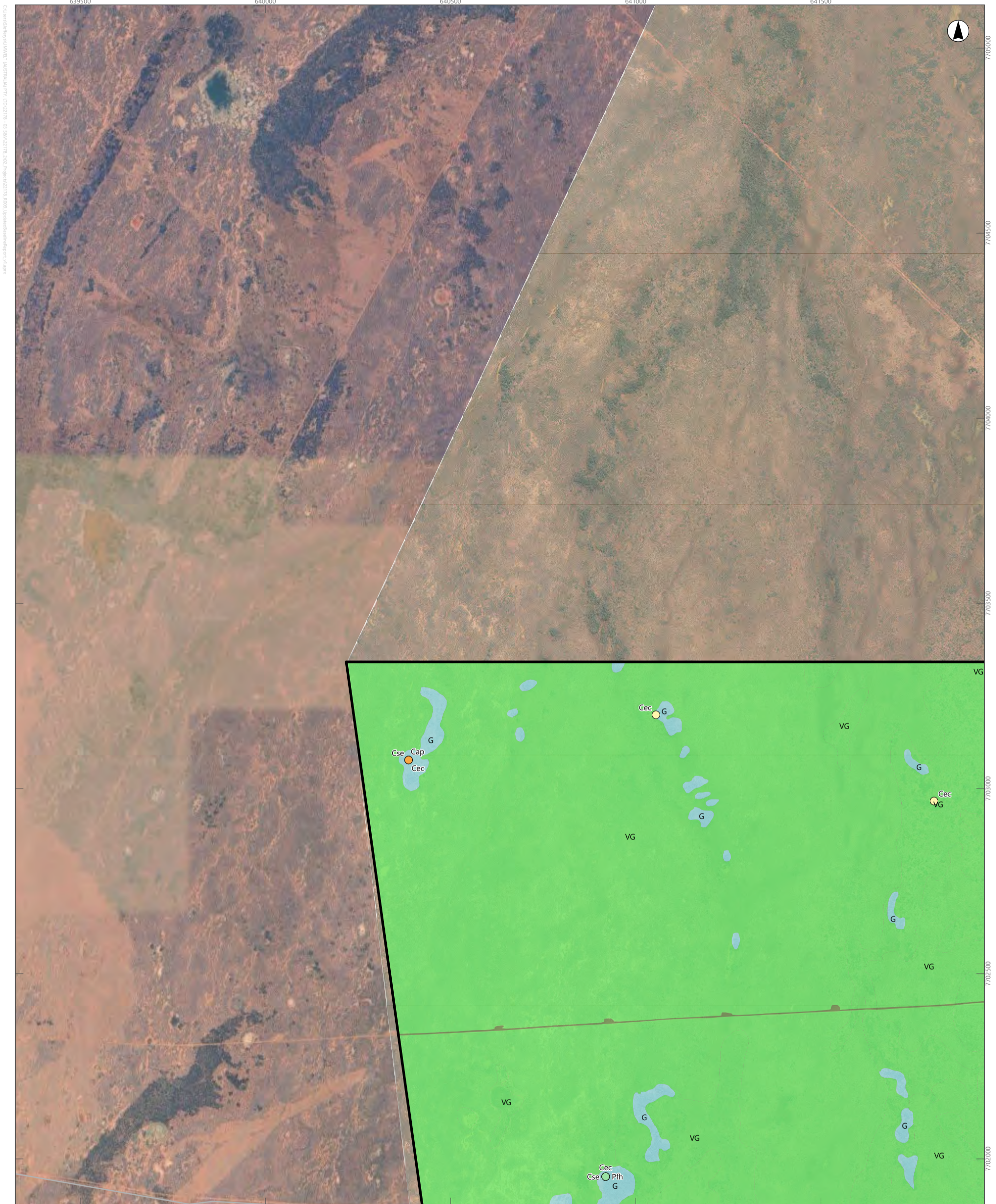
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 10)



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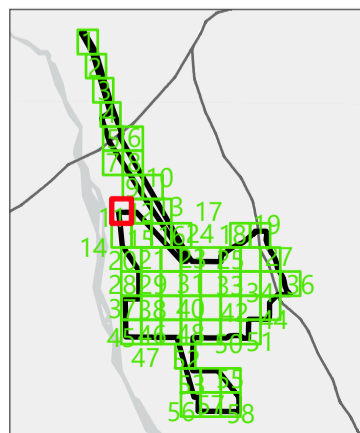


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

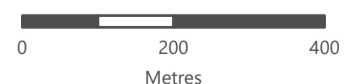
- Survey Area
- Road
- Introduced Flora (Umwelt, 2024)**
- Cap **Calotropis procera*
- Cec **Cenchrus ciliaris*
- Cse **Cenchrus setiger*
- Pfh **Passiflora foetida* var. *hispida*

- Vegetation Condition**
- Very Good
- Good
- Not Assessed



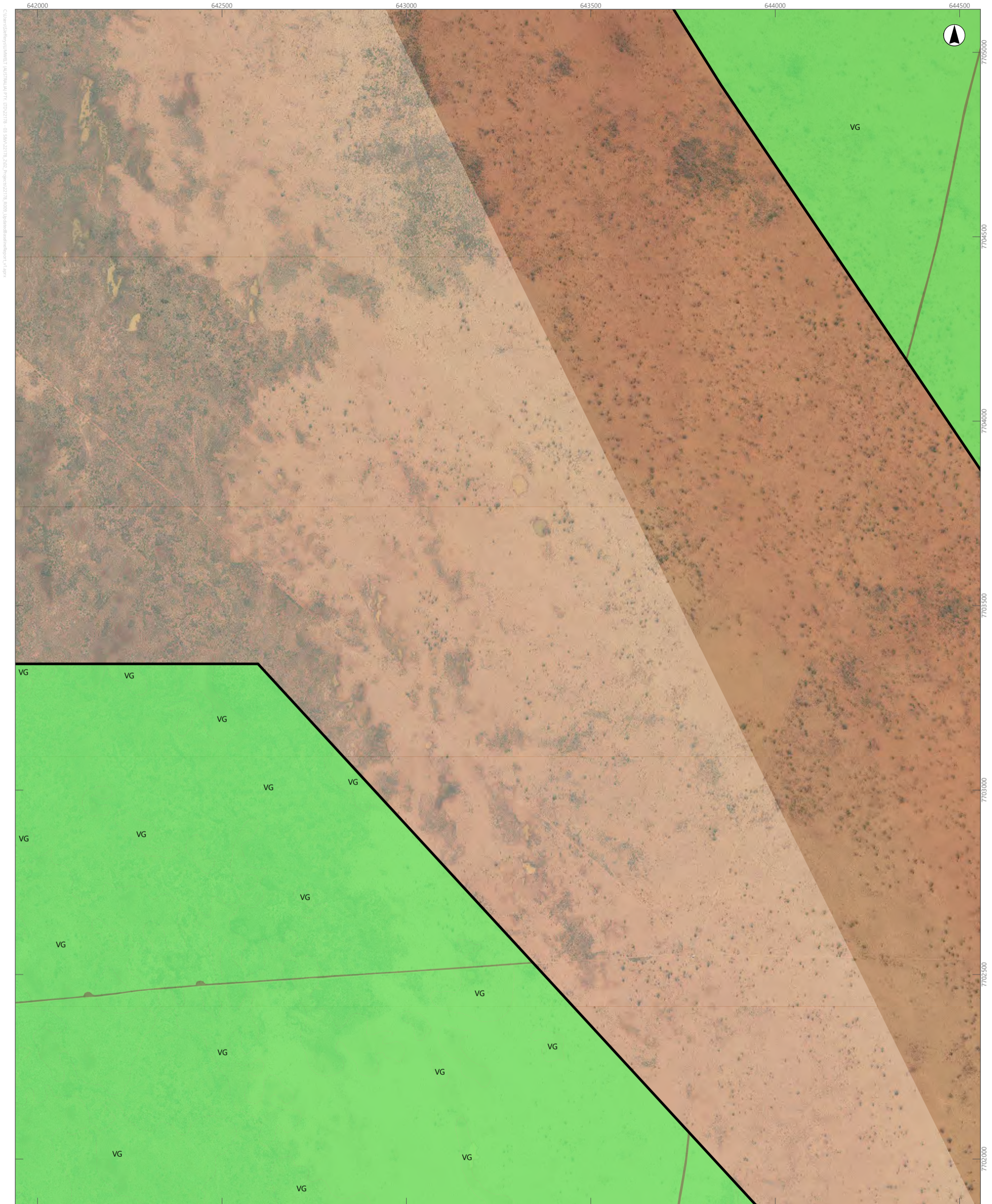
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 11)



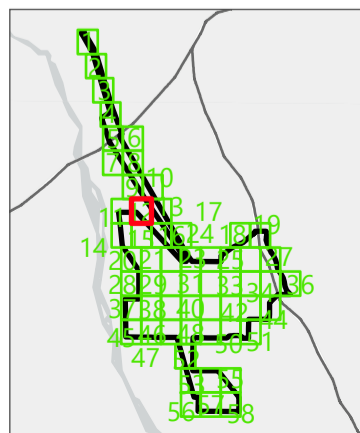
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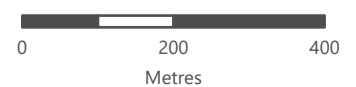
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Vegetation Condition**
 - Very Good
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 12)



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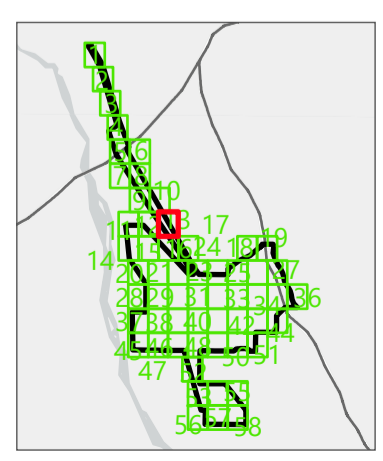
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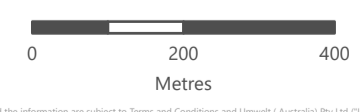
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

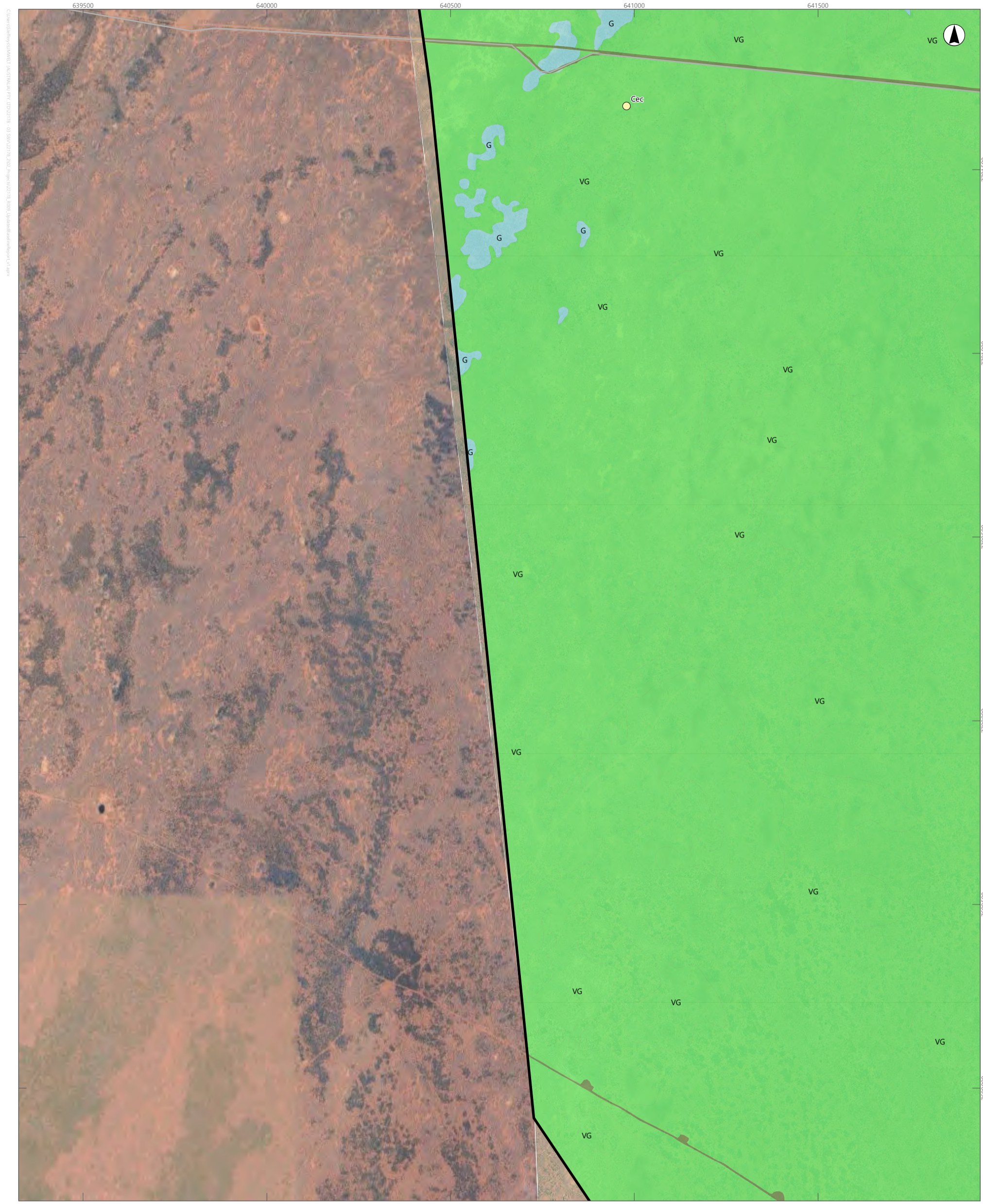
Survey Area	Vegetation Condition
Targeted Survey Area	Very Good
	Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 13)



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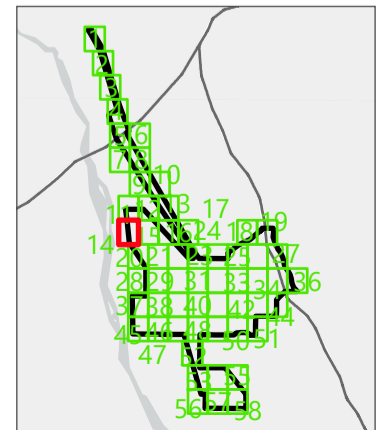
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

Survey Area
 Road
 Cec **Cenchrus ciliaris*

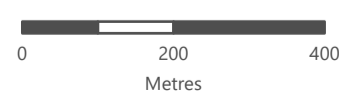
Vegetation Condition
 Very Good
 Good
 Not Assessed

Introduced Flora (Umwelt, 2024)

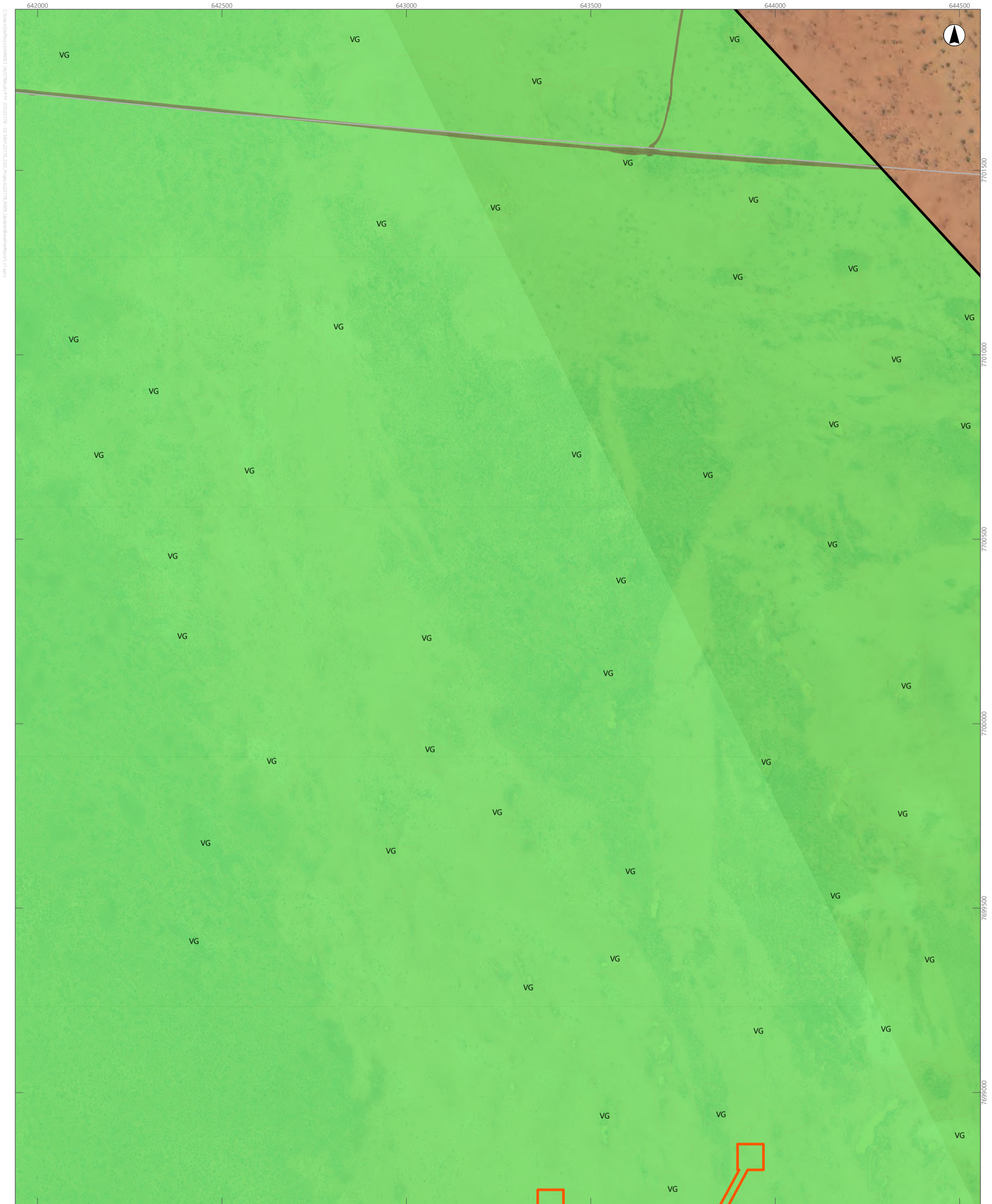


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 14)

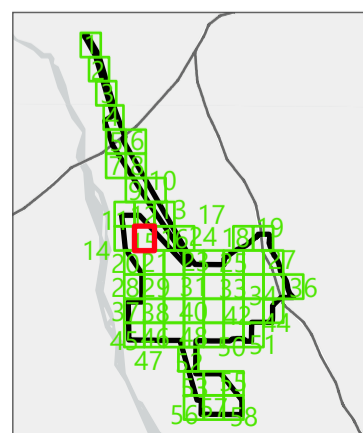


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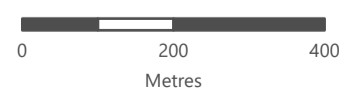
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Very Good
 - Not Assessed



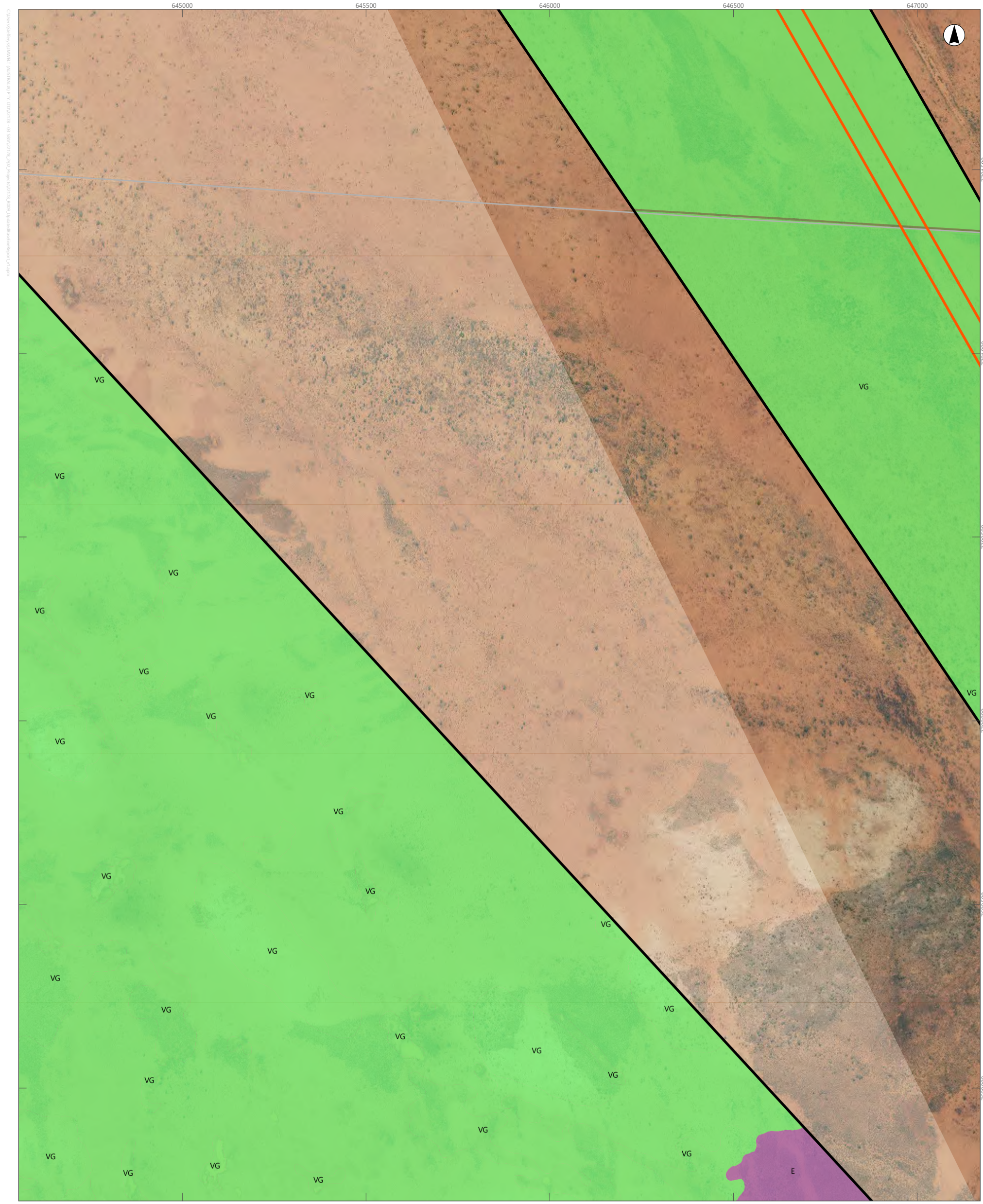
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 15)



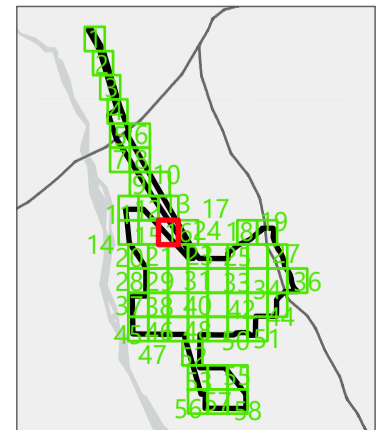
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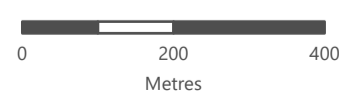


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Very Good
 - Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 16)

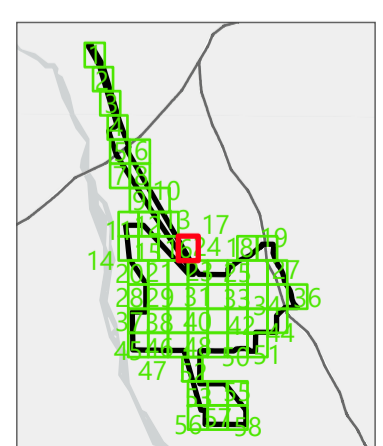


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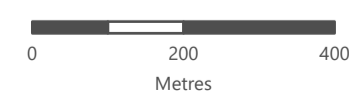
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Very Good
 - Not Assessed



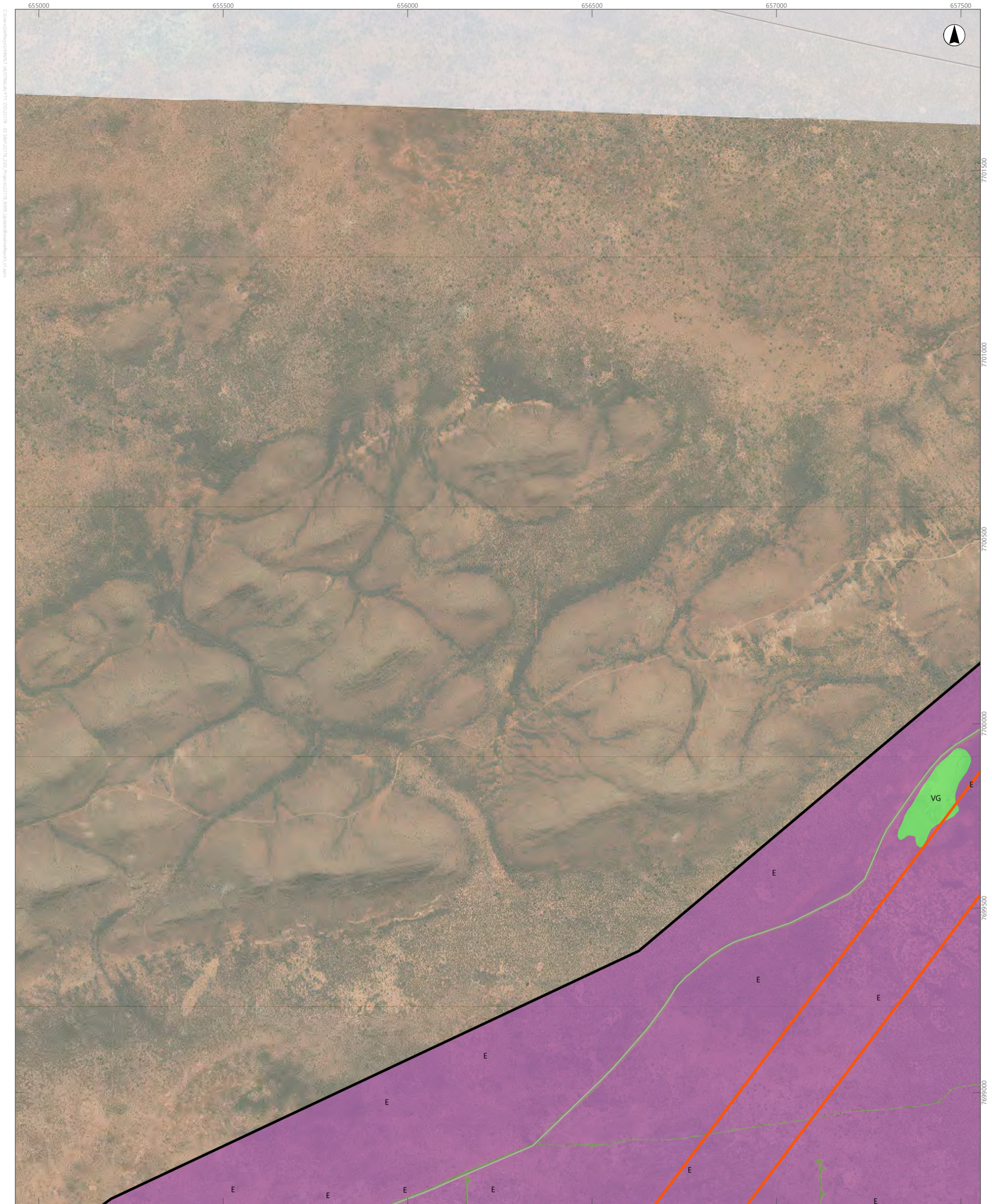
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 17)



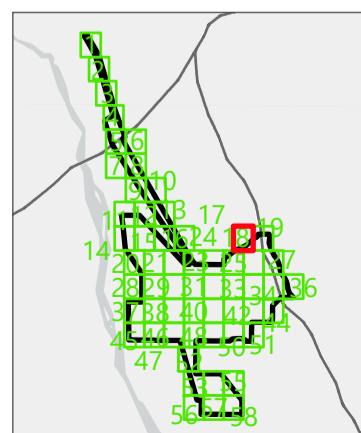
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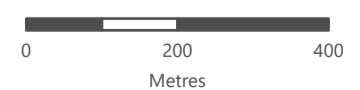
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend	
Survey Area	Vegetation Condition
Targeted Survey Area	Excellent
Road	Very Good
	Not Assessed

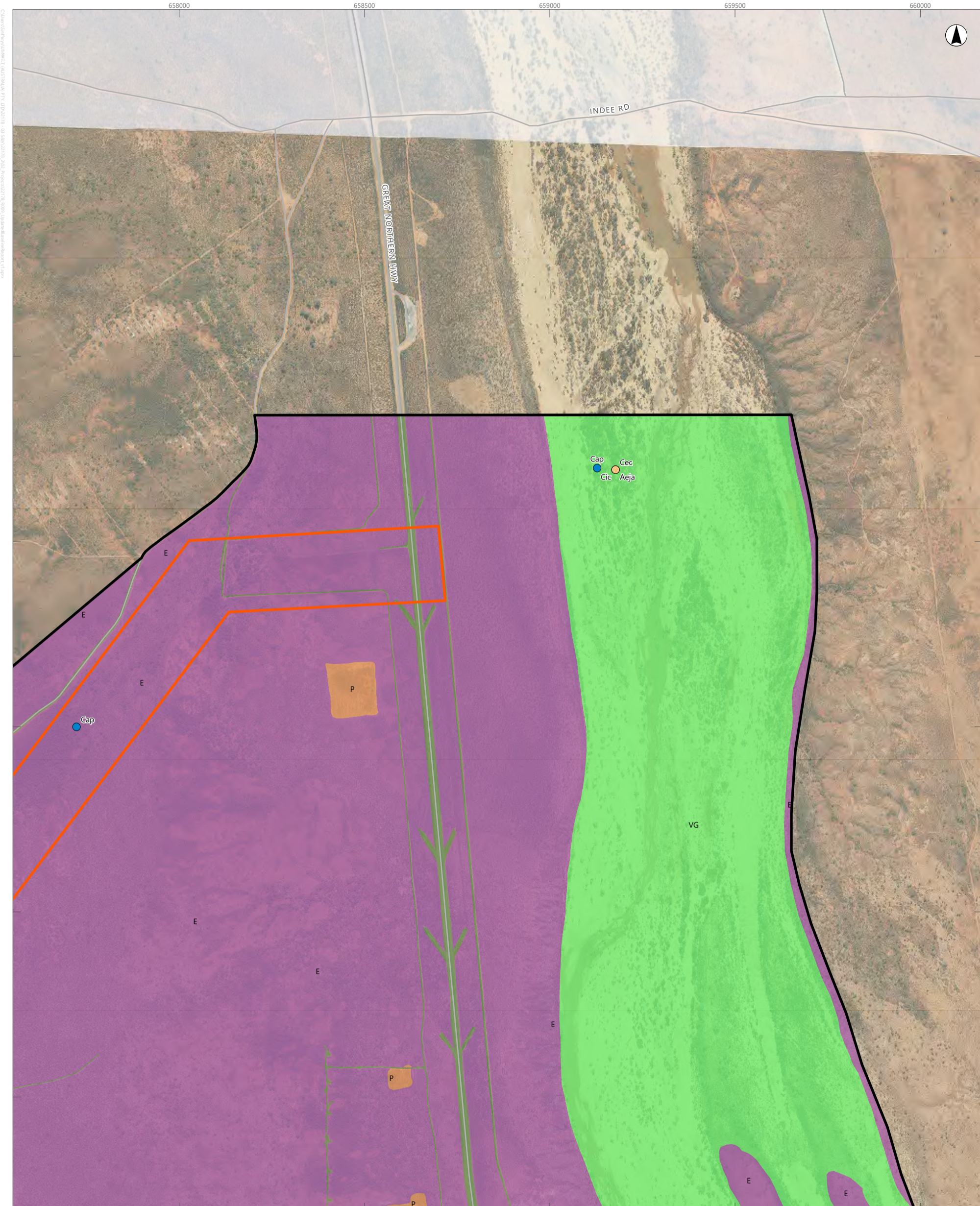


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 18)



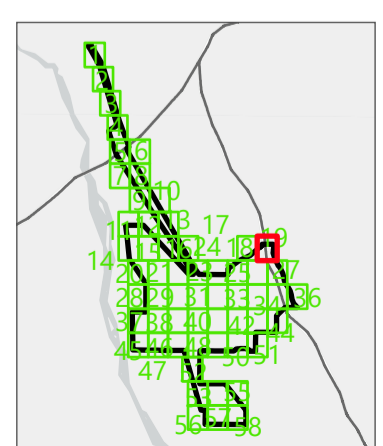
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

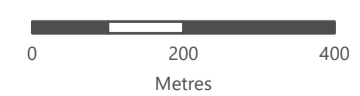
- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
- Introduced Flora (Umwelt, 2024)**
- Aeja **Aerva javanica*
 - Cap **Calotropis procera*
 - Cec **Cenchrus ciliaris*
 - Cic **Citrullus colocynthis*

- Vegetation Condition**
- Excellent
 - Very Good
 - Poor
 - Not Assessed



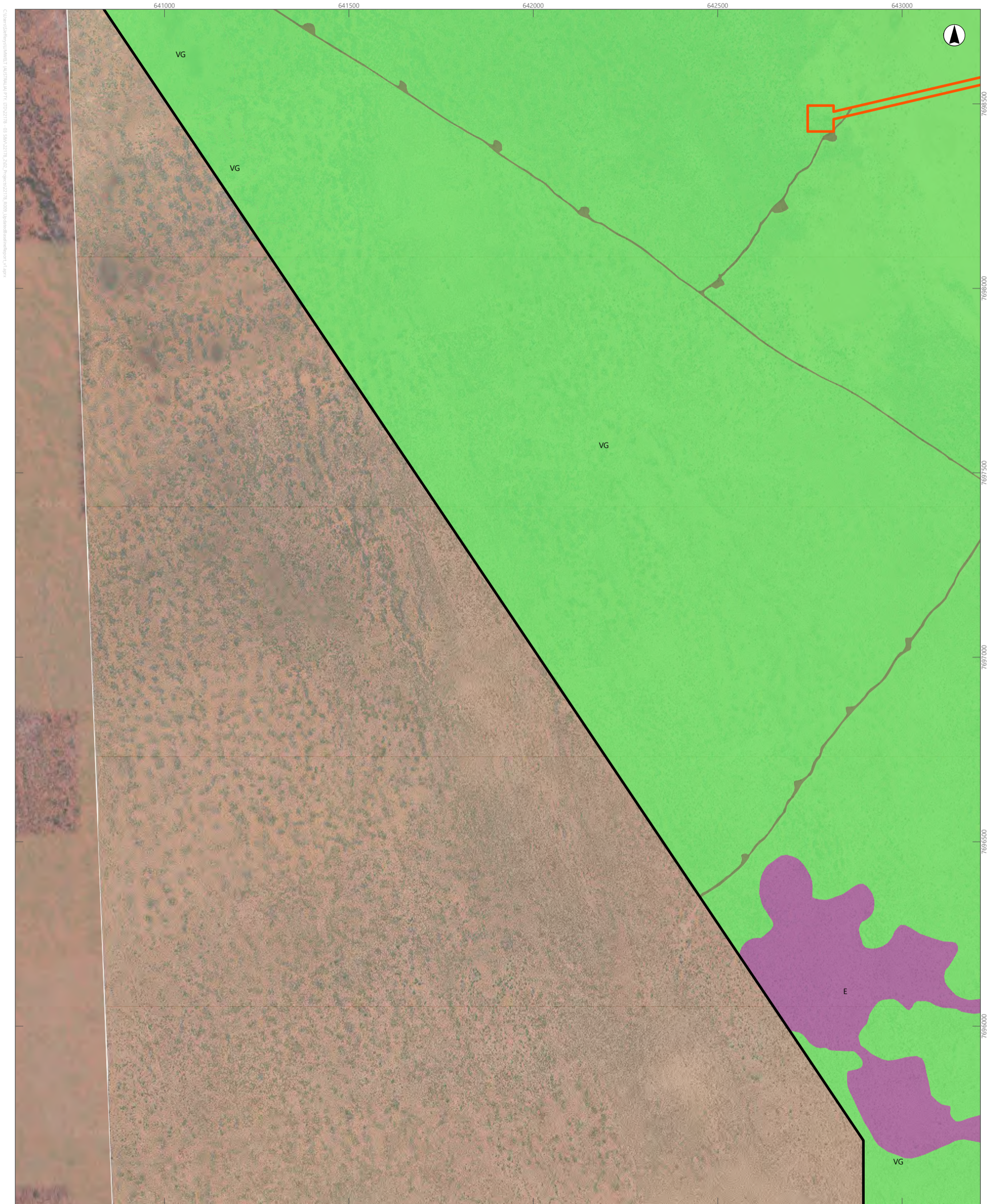
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 19)



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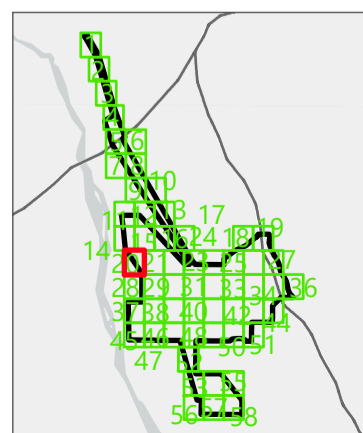
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

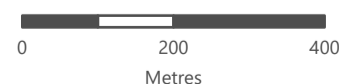
Legend

- Survey Area
- Targeted Survey Area
- Vegetation Condition**
- Excellent
- Very Good
- Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 20)



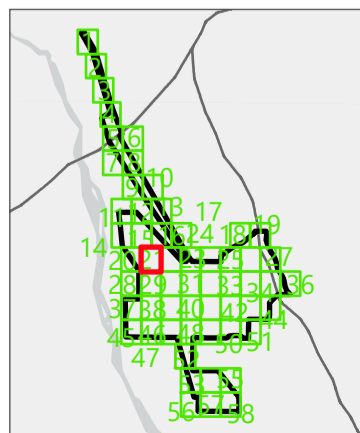
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

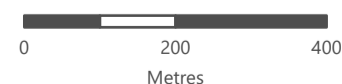
Legend

- Survey Area
- Targeted Survey Area
- Vegetation Condition**
- Excellent
- Very Good
- Not Assessed



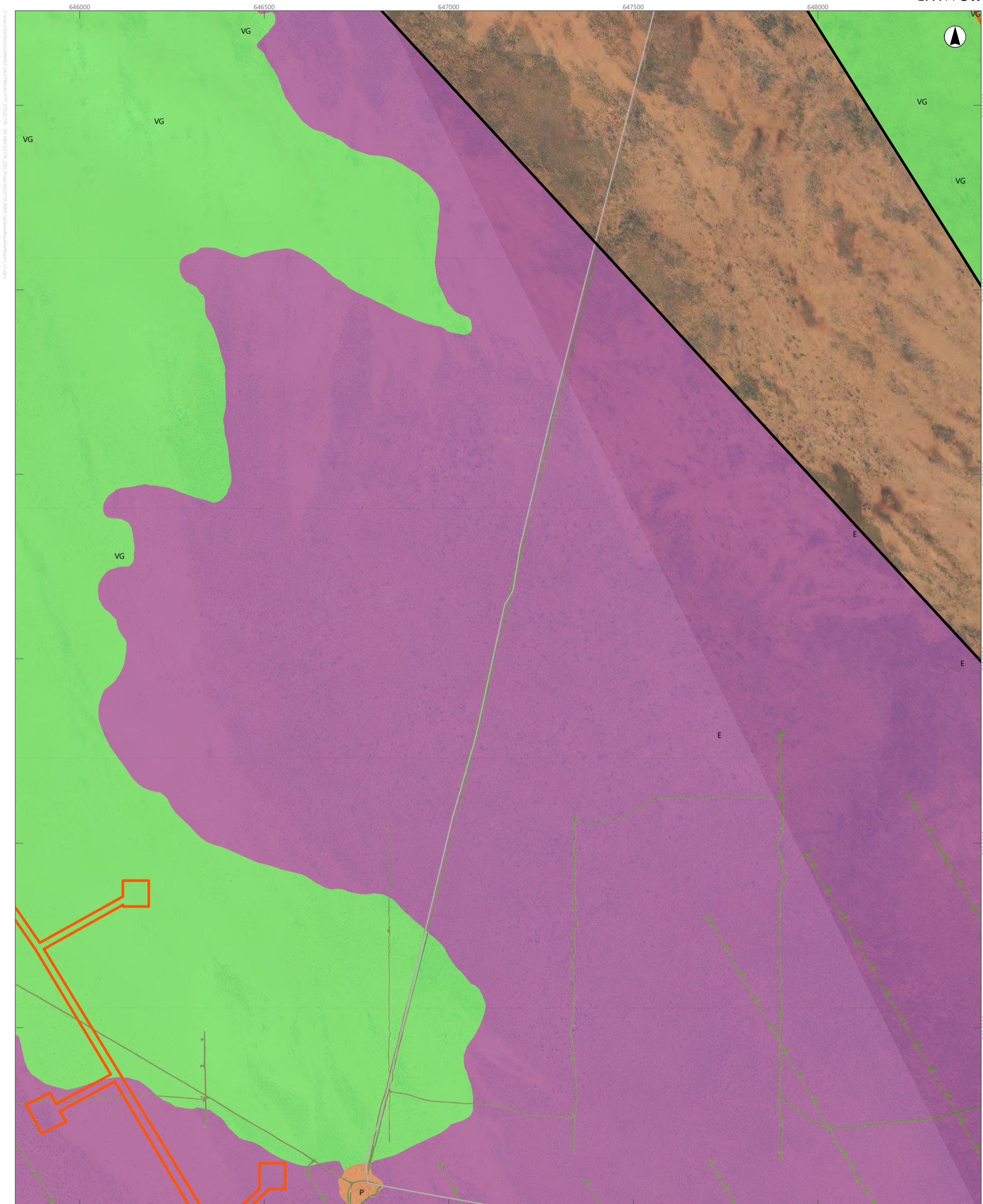
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 21)



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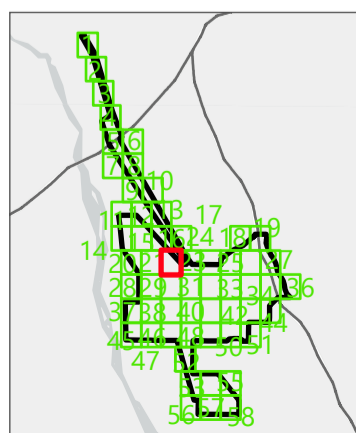
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

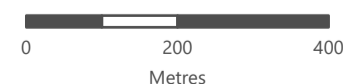
Legend

- | | |
|----------------------|-----------------------------|
| Survey Area | Vegetation Condition |
| Targeted Survey Area | Excellent |
| Road | Very Good |
| | Poor |
| | Not Assessed |

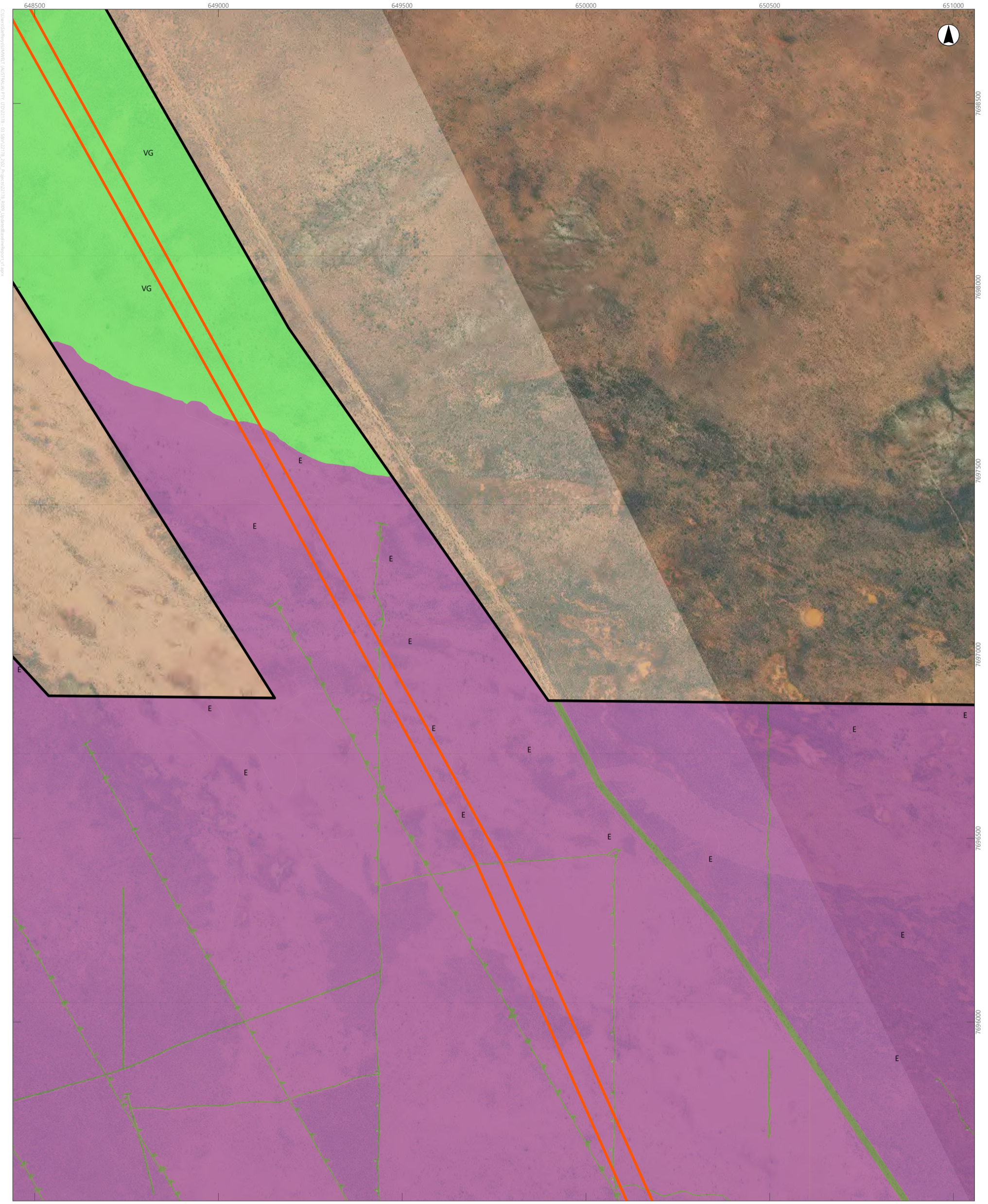


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 22)

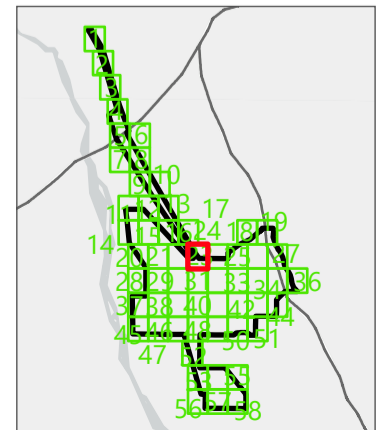


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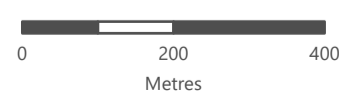


Legend

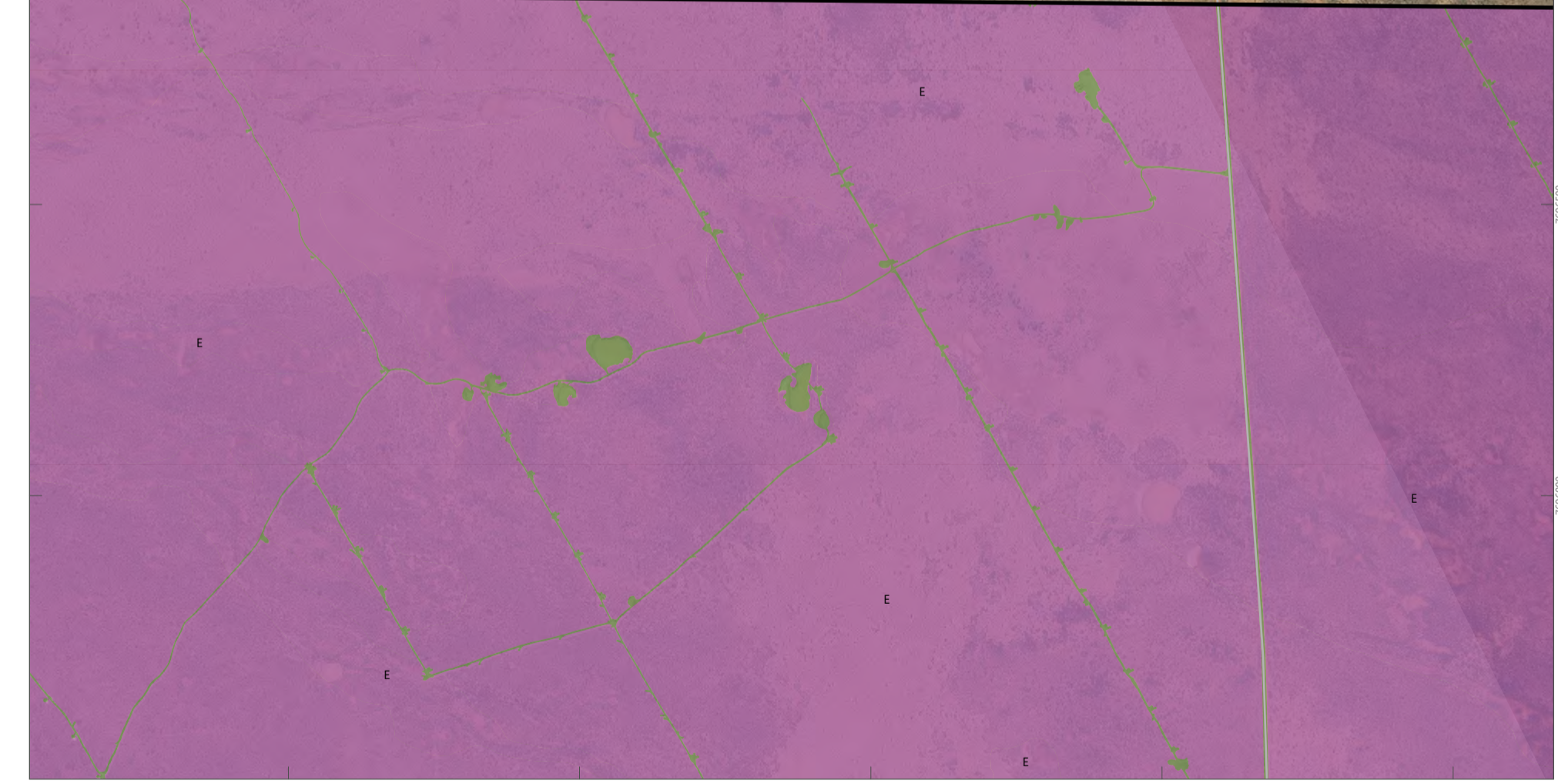
Survey Area	Vegetation Condition
Targeted Survey Area	Excellent
	Very Good
	Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 23)

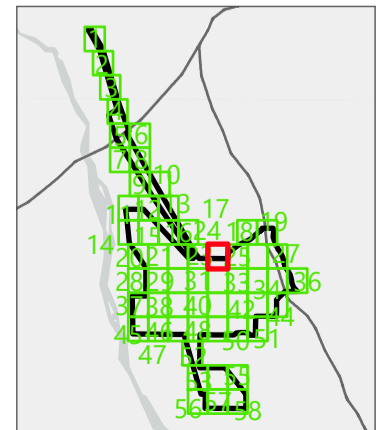


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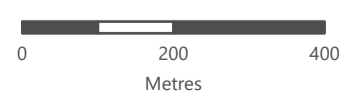


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

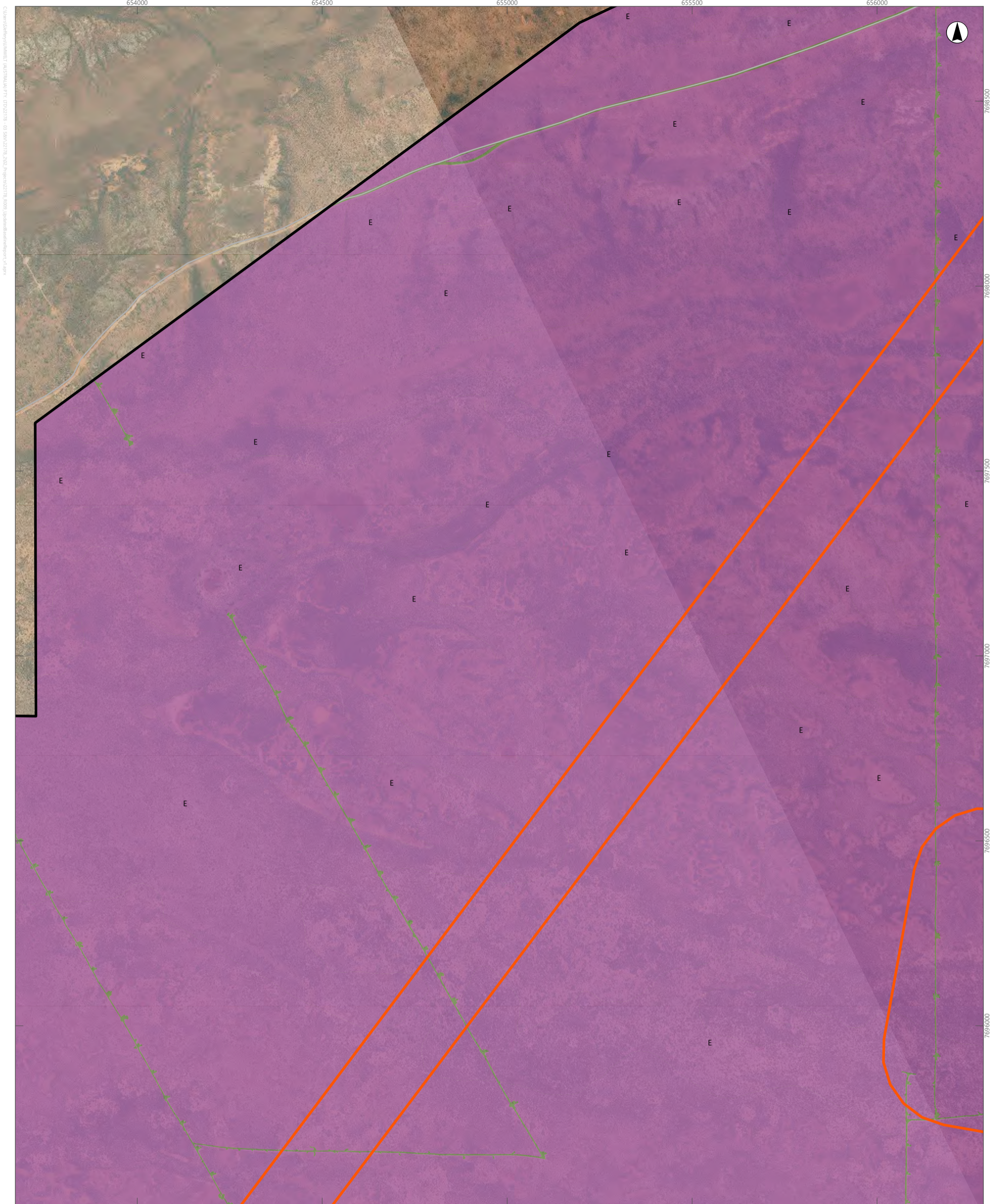
- Legend**
- Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 24)

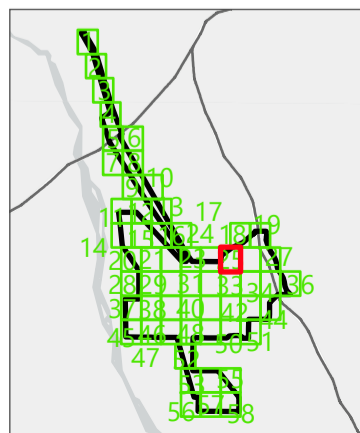


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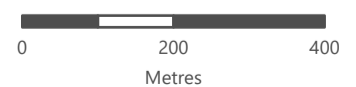
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



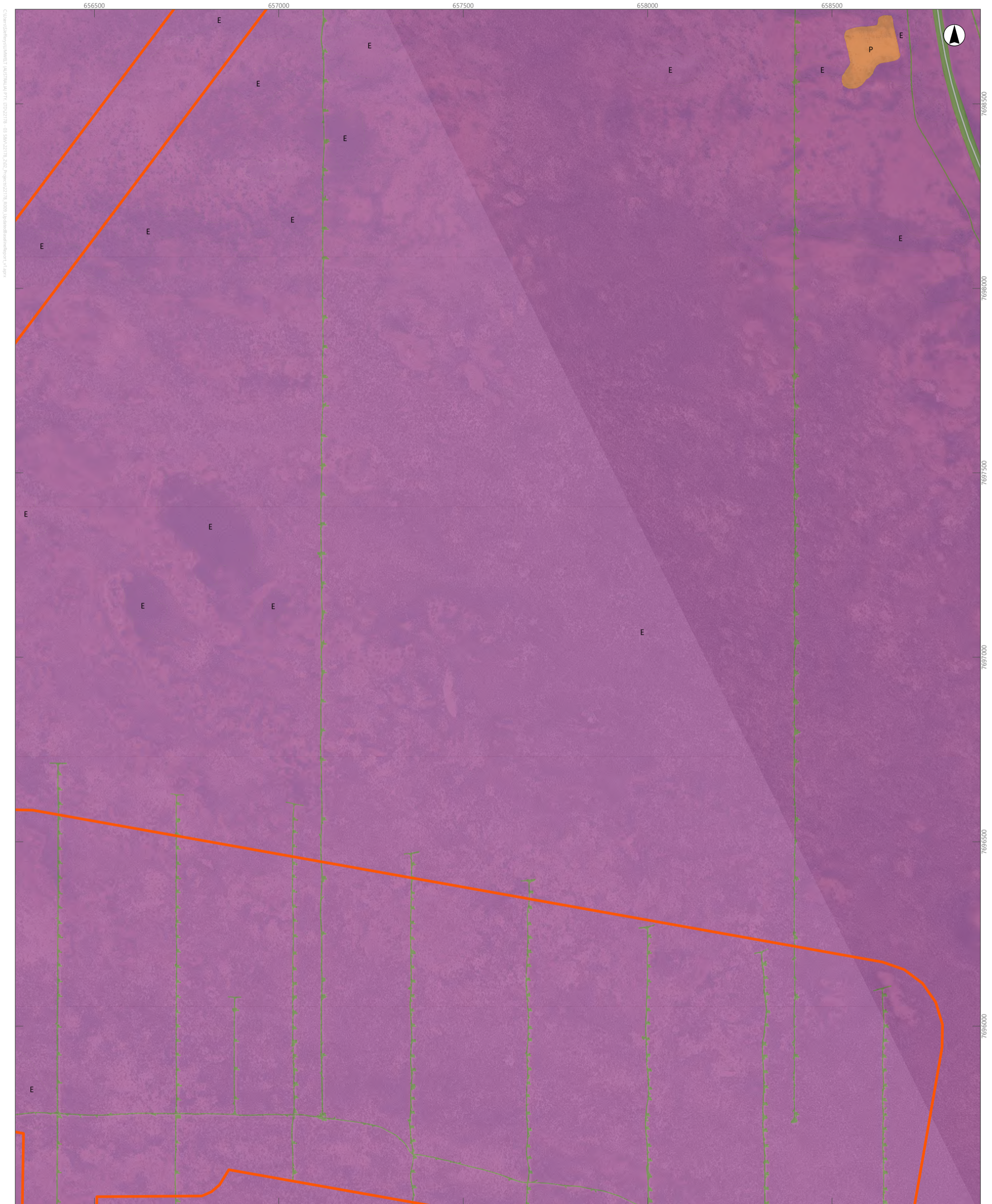
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 25)



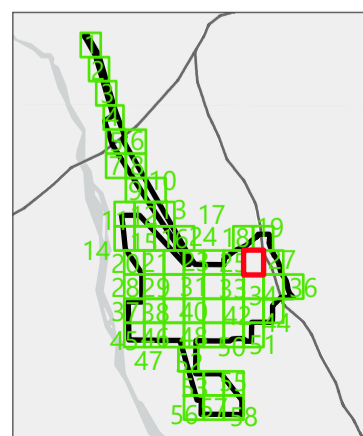
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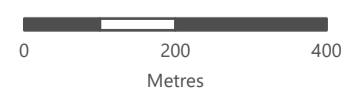
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Poor
 - Not Assessed



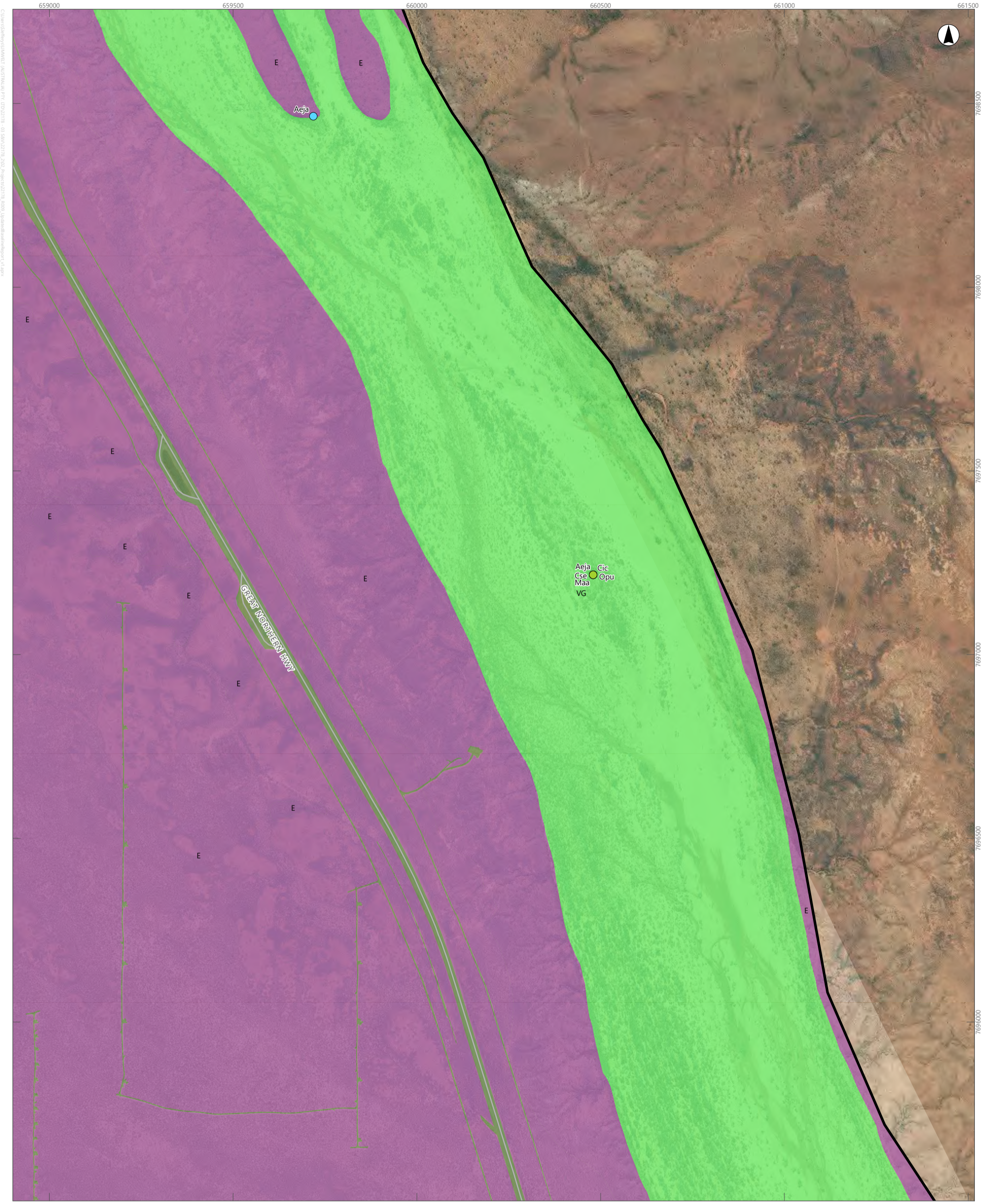
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 26)



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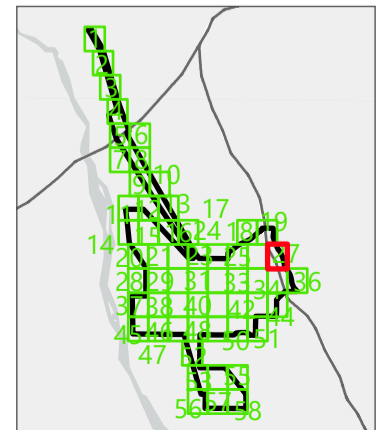


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

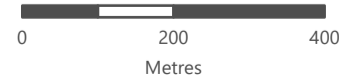
- Survey Area
 - Road
- Introduced Flora (Umwelt, 2024)**
- Aeja **Aerva javanica*
 - Cec **Cenchrus ciliaris*
 - Cse **Cenchrus setiger*
 - Cic **Citrullus colocynthis*
 - Maa **Malvastrum americanum*
 - Opu **Opuntia sp.*

- Vegetation Condition**
- Excellent
 - Very Good
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 27)



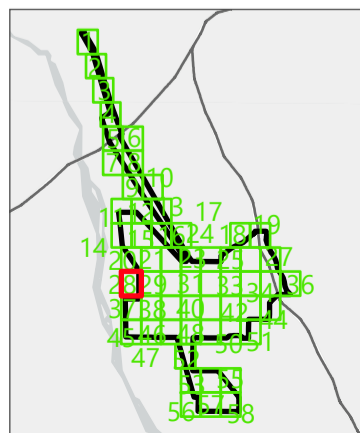
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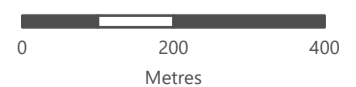
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Vegetation Condition**
 - Excellent
 - Very Good
 - Not Assessed



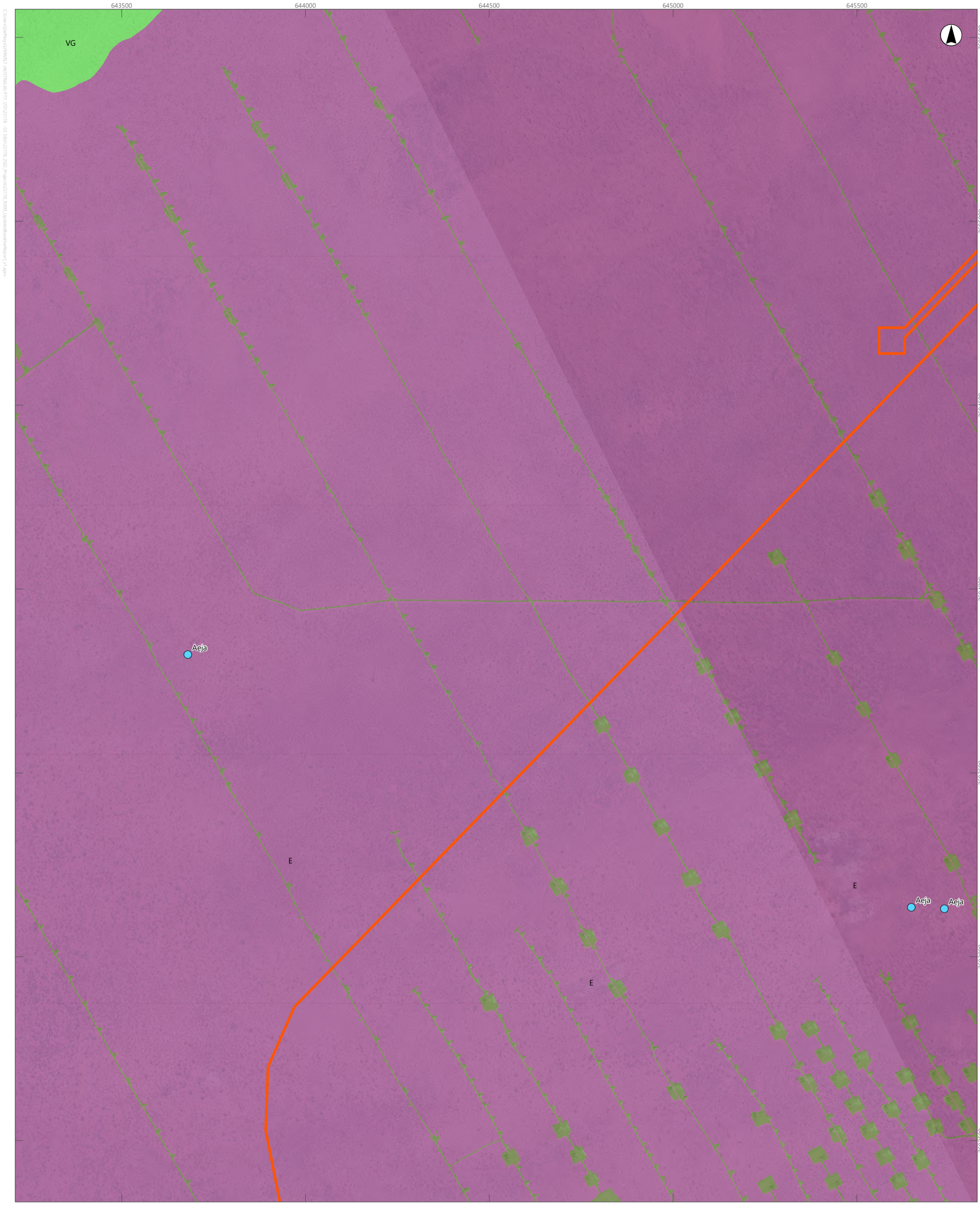
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 28)



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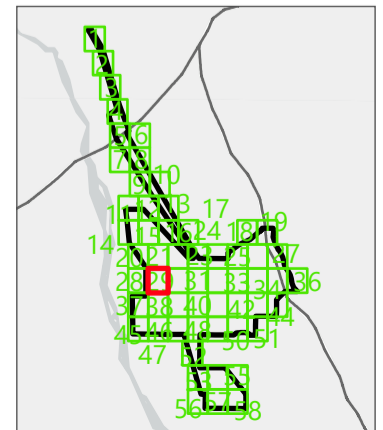
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

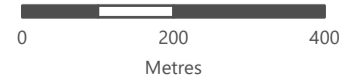
Legend

- Survey Area
- Targeted Survey Area
- Aeja **Aerva javanica*
- Excellent
- Very Good
- Not Assessed

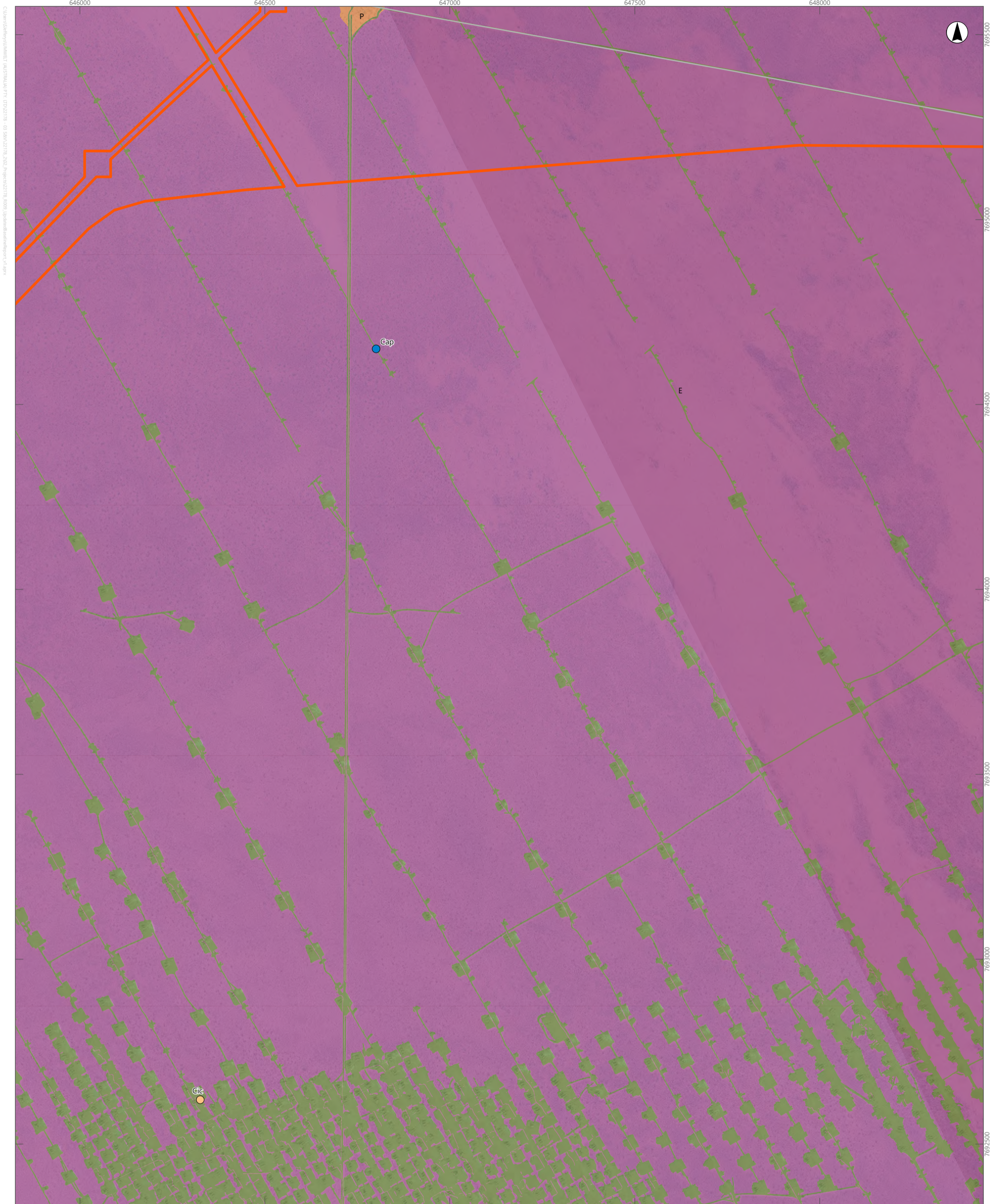


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 29)



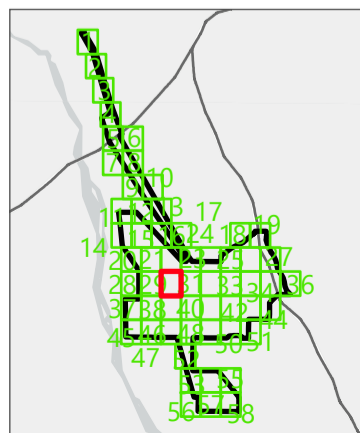
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

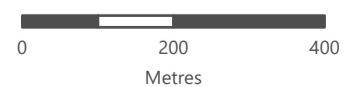
Legend

- | | | |
|----------------------|--|-----------------------------|
| Survey Area | Introduced Flora (Umwelt, 2024) | Vegetation Condition |
| Targeted Survey Area | Cap * <i>Calotropis procera</i> | Excellent |
| Road | Cic * <i>Citrullus colocynthis</i> | Poor |
| | | Not Assessed |

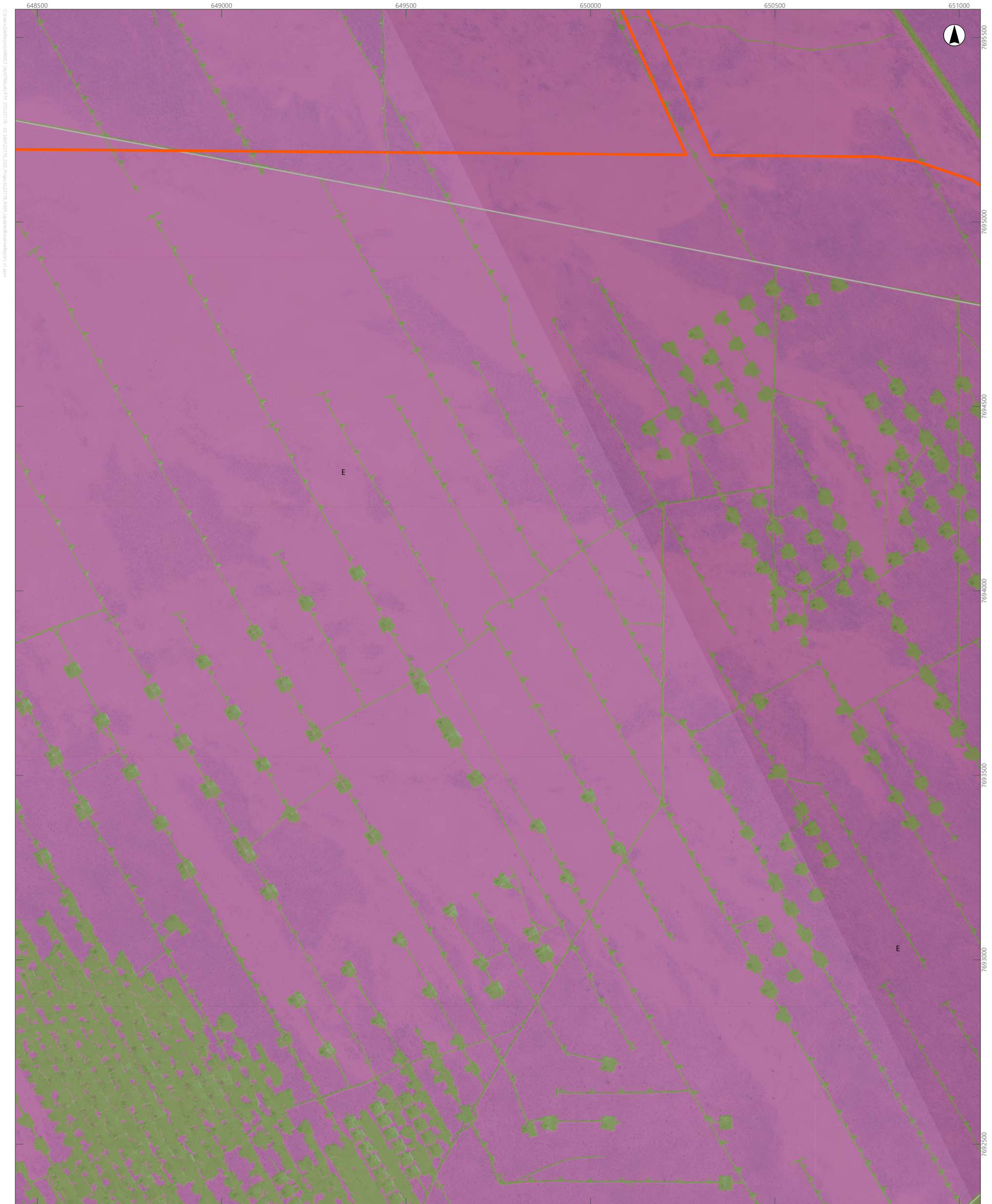


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 30)



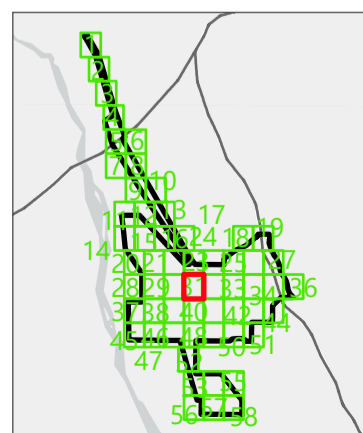
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

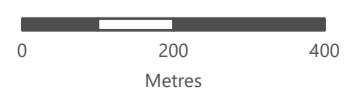
Legend

- Survey Area
- Targeted Survey Area
- Road
- Vegetation Condition**
- Excellent
- Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 31)

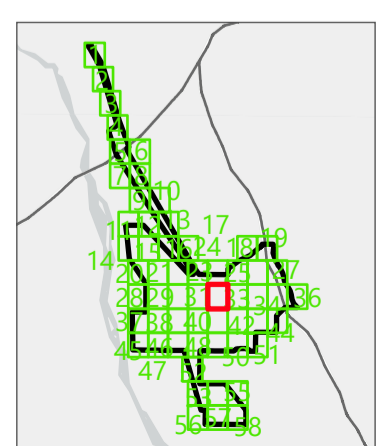


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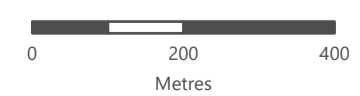
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
- Vegetation Condition**
- Excellent
 - Poor
 - Not Assessed



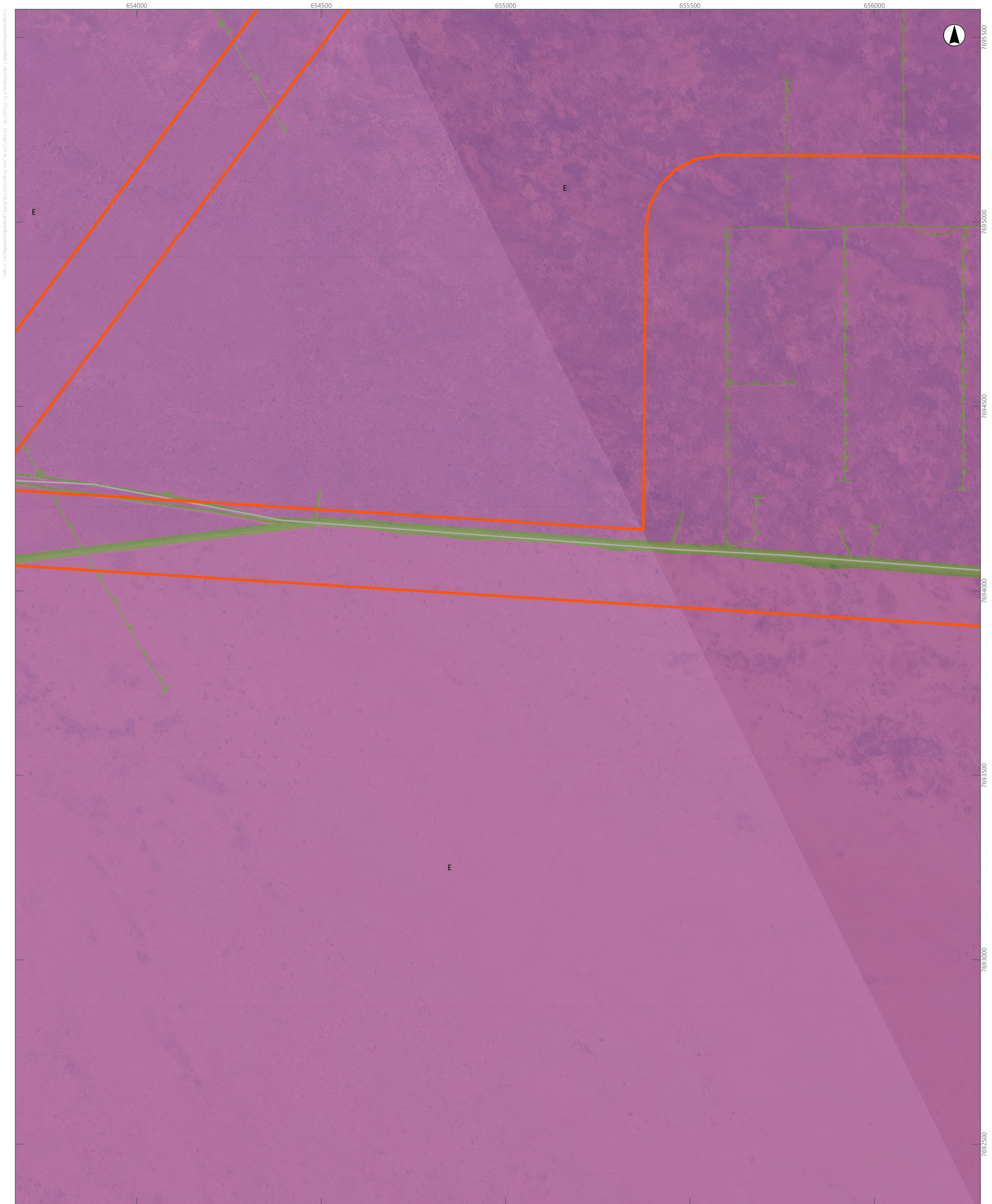
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 32)



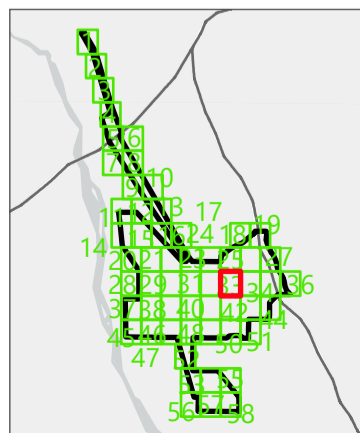
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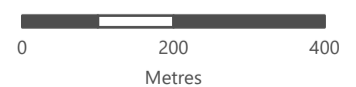
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



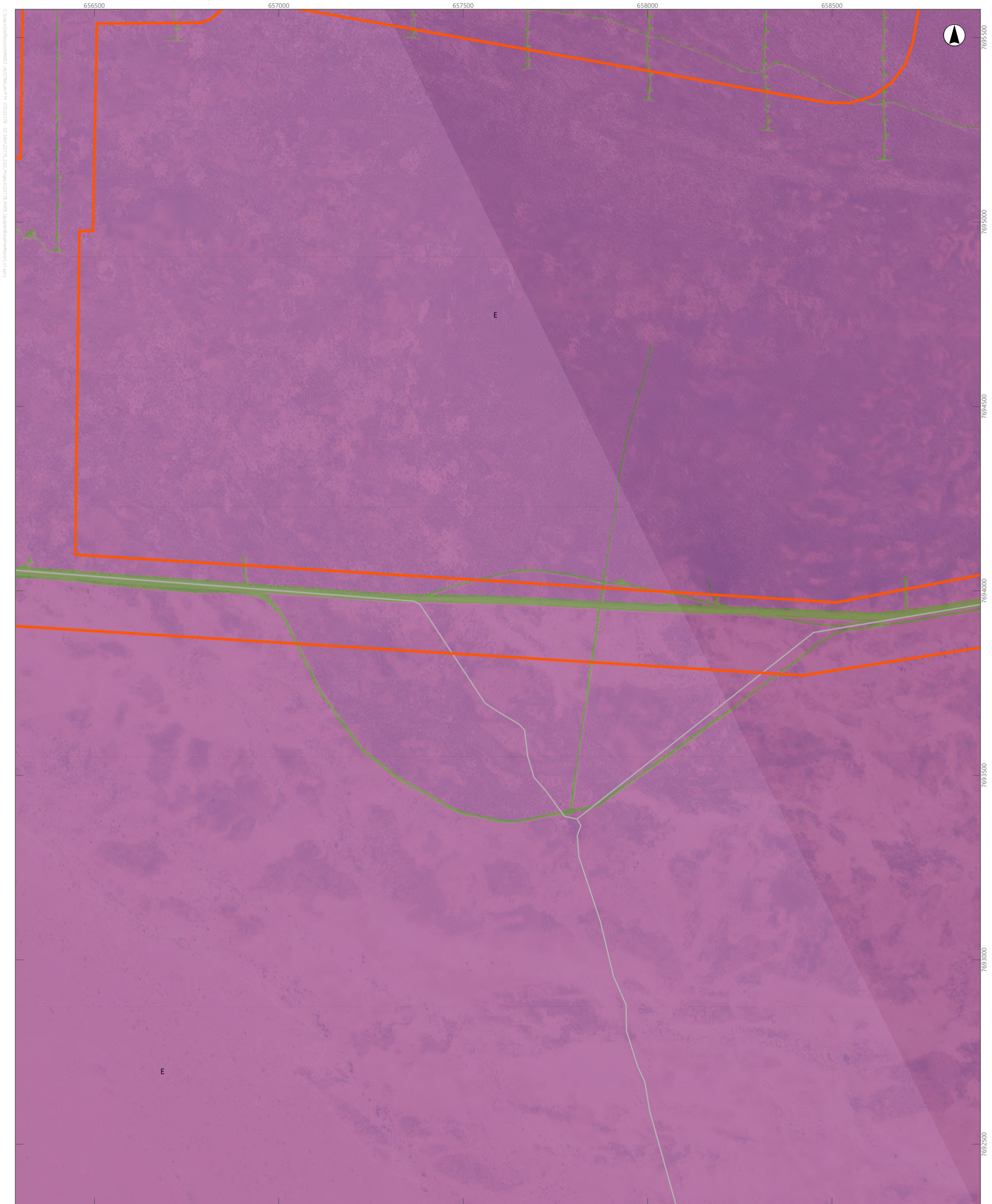
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 33)



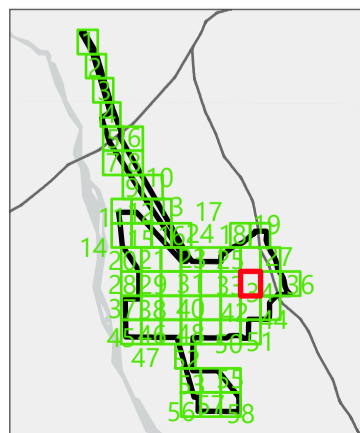
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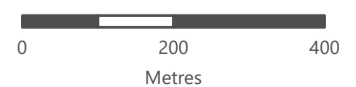
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 34)



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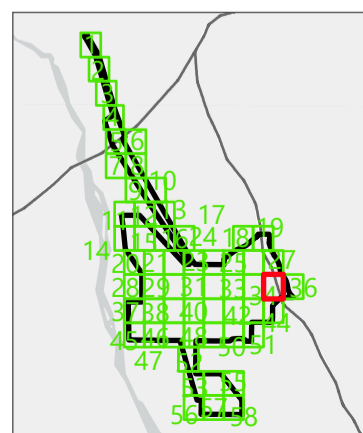
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

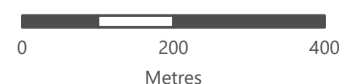
Legend

- Survey Area
- Targeted Survey Area
- Road
- Introduced Flora (Umwelt, 2024)**
- Cap **Calotropis procera*
- Cia **Citrullus amarus*
- Vegetation Condition**
- Excellent
- Very Good
- Not Assessed

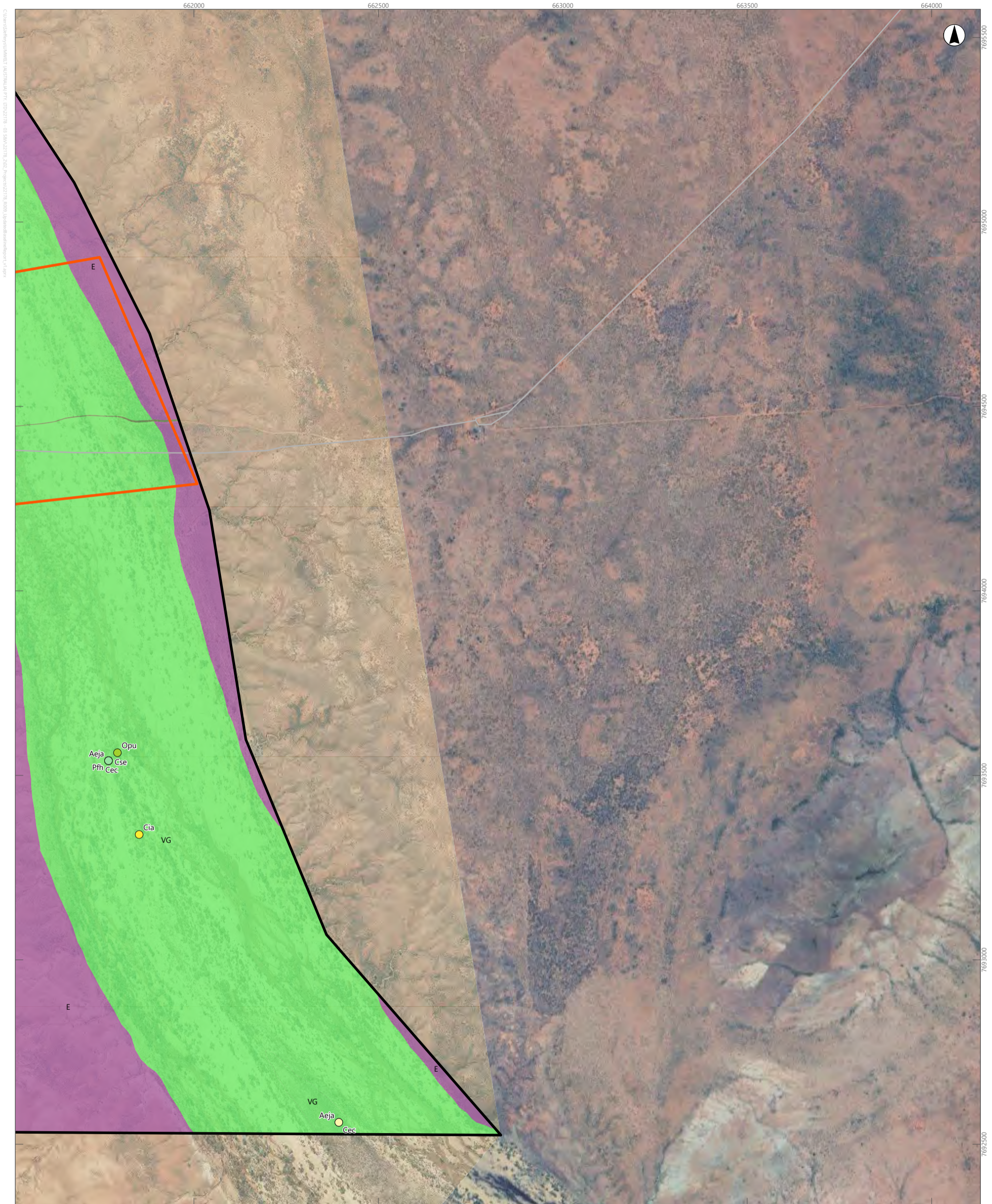


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 35)



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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

Legend

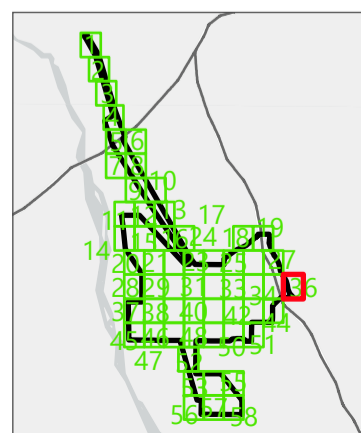
- Survey Area
- Targeted Survey Area
- Road

Introduced Flora (Umwelt, 2024)

- Aeja **Aerva javanica*
- Cec **Cenchrus ciliaris*
- Cse **Cenchrus setiger*
- Cia **Citrullus amarus*
- Cic **Citrullus colocynthis*
- Opu **Opuntia sp.*
- Pfh **Passiflora foetida var. hispida*

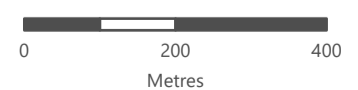
Vegetation Condition

- Excellent
- Very Good
- Not Assessed

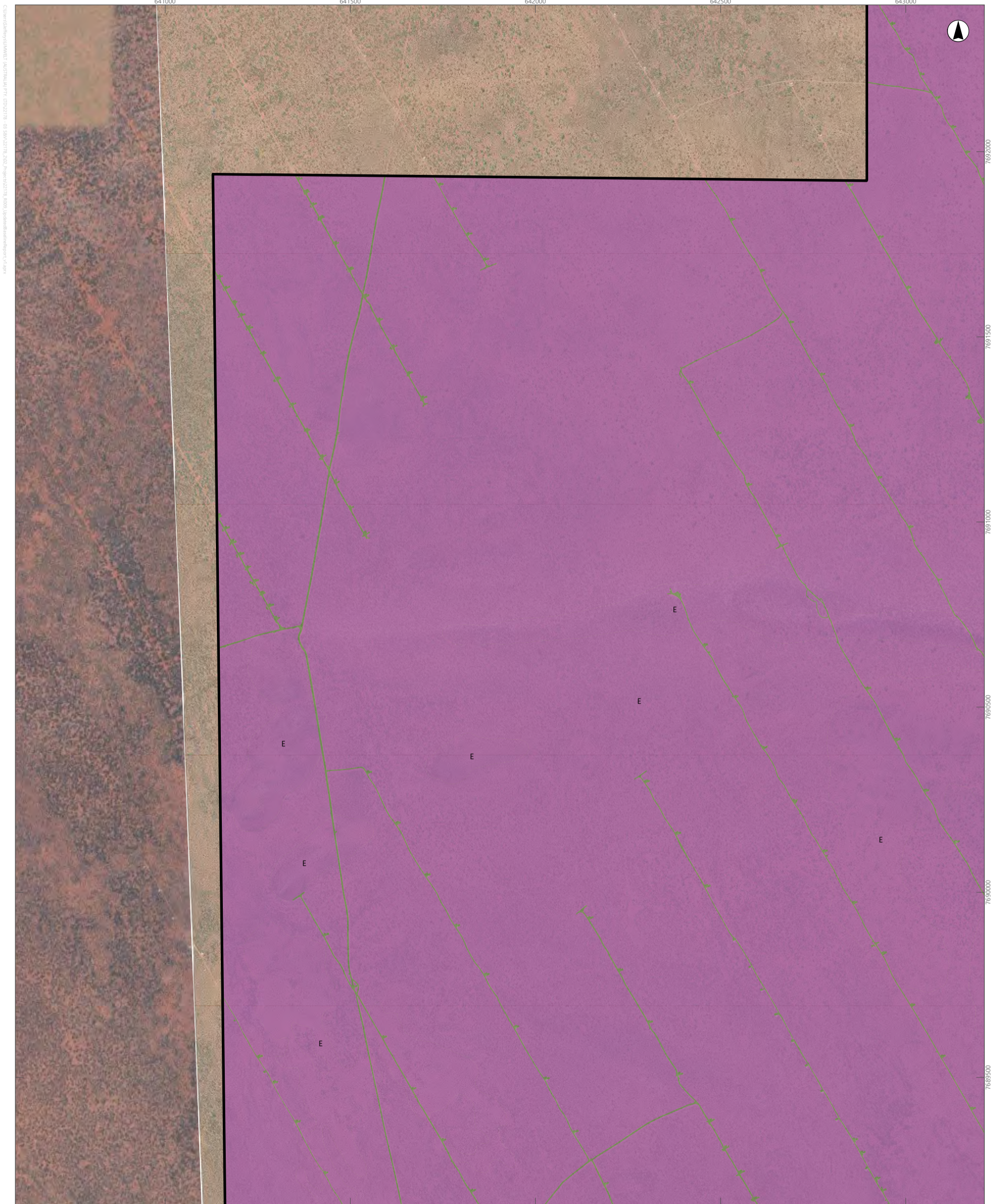


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 36)

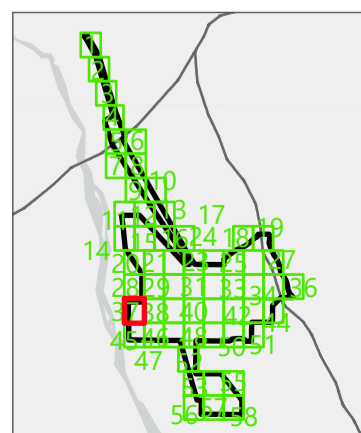


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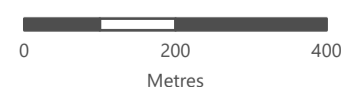
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Vegetation Condition**
 - Excellent
 - Not Assessed



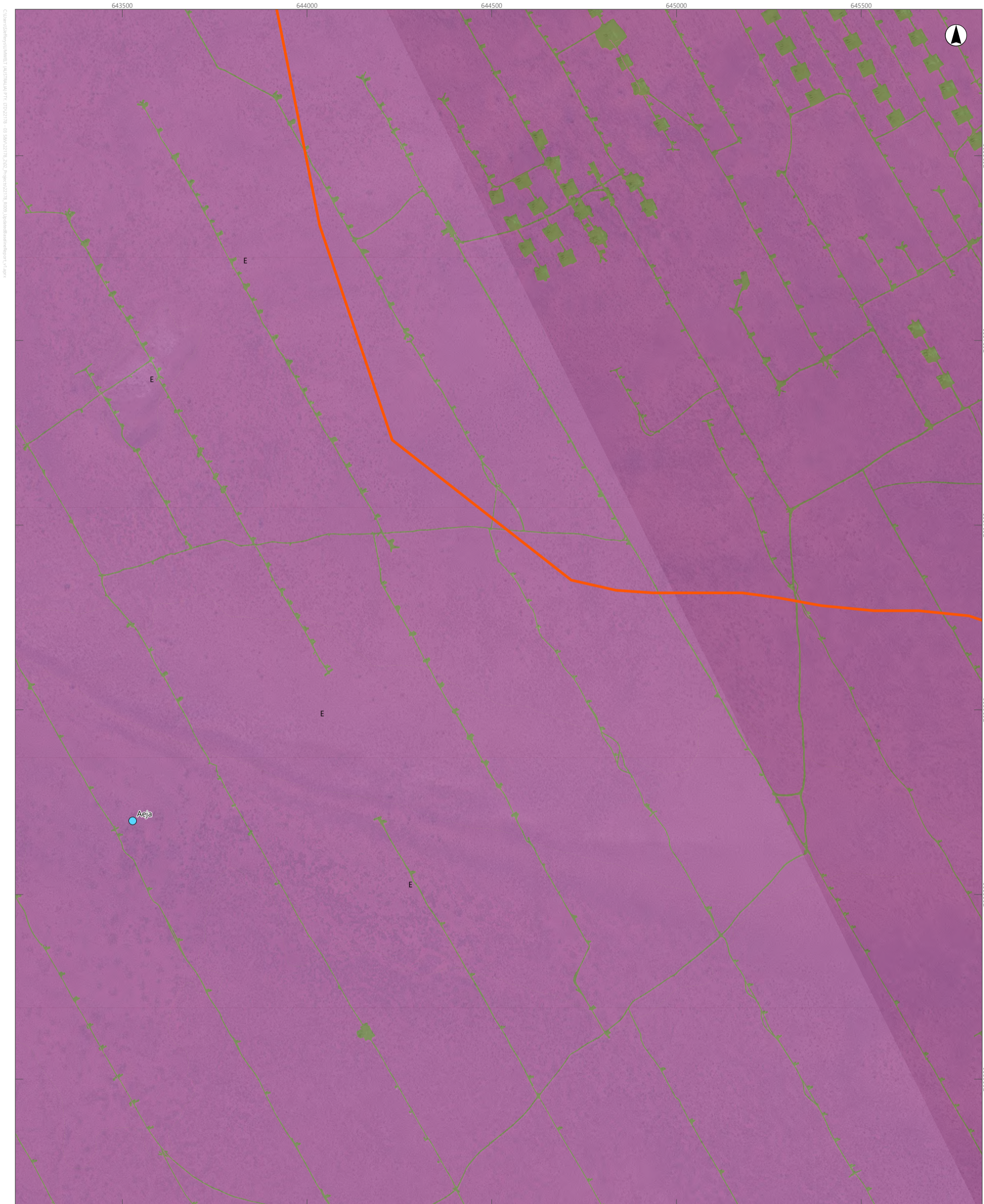
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 37)



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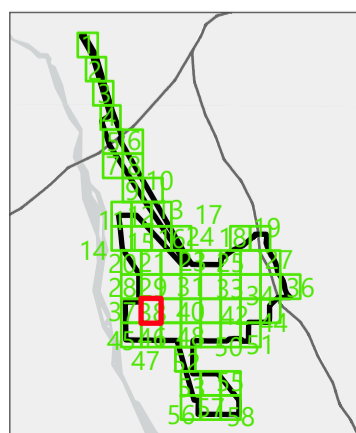
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

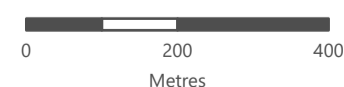
Legend

- Survey Area
- Targeted Survey Area
- Aeja **Aerva javanica*
- Excellent
- Not Assessed

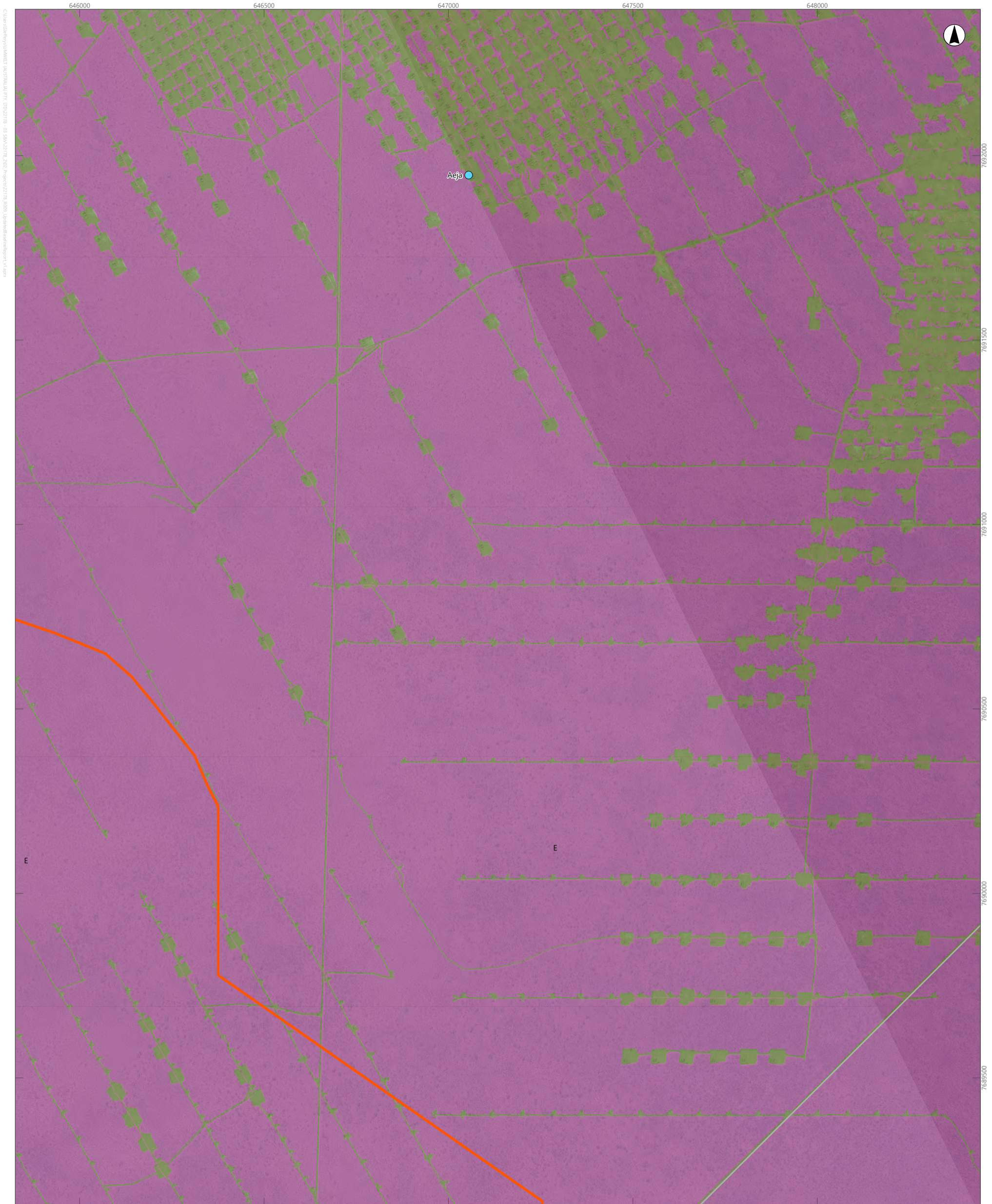


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 38)



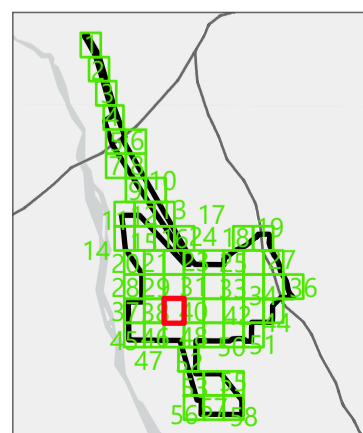
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

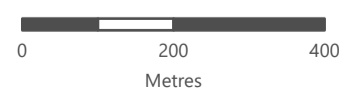
Legend

- Survey Area
- Targeted Survey Area
- Road
- Introduced Flora (Umwelt, 2024)**
- Aeja **Aerva javanica*
- Vegetation Condition**
- Excellent
- Not Assessed



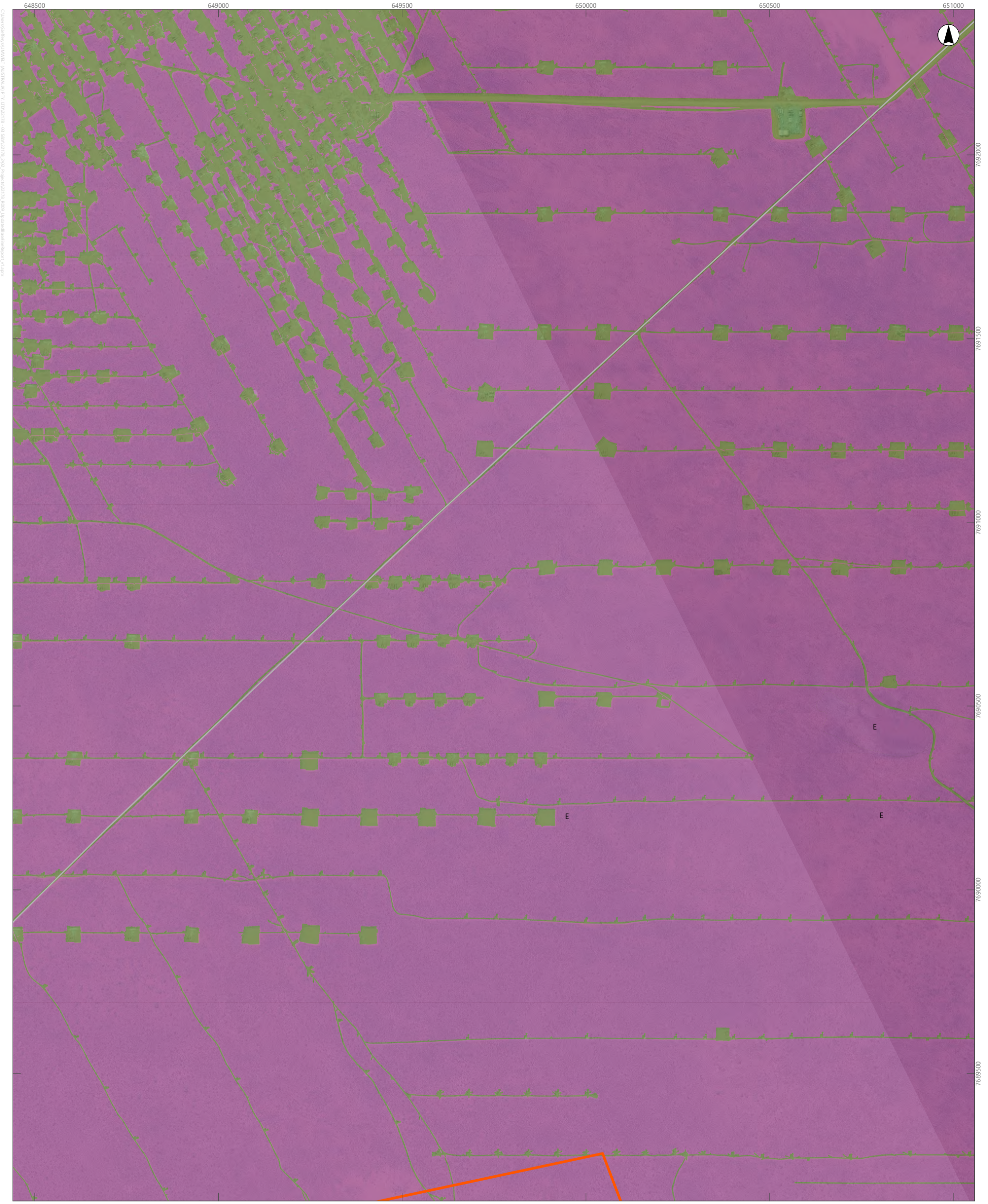
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 39)



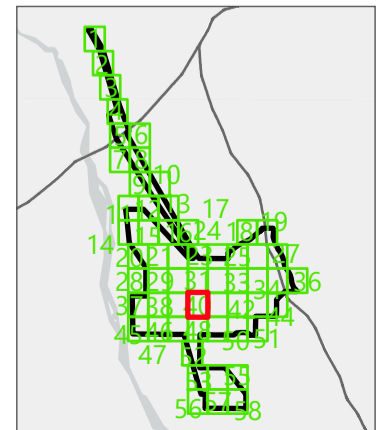
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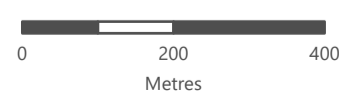


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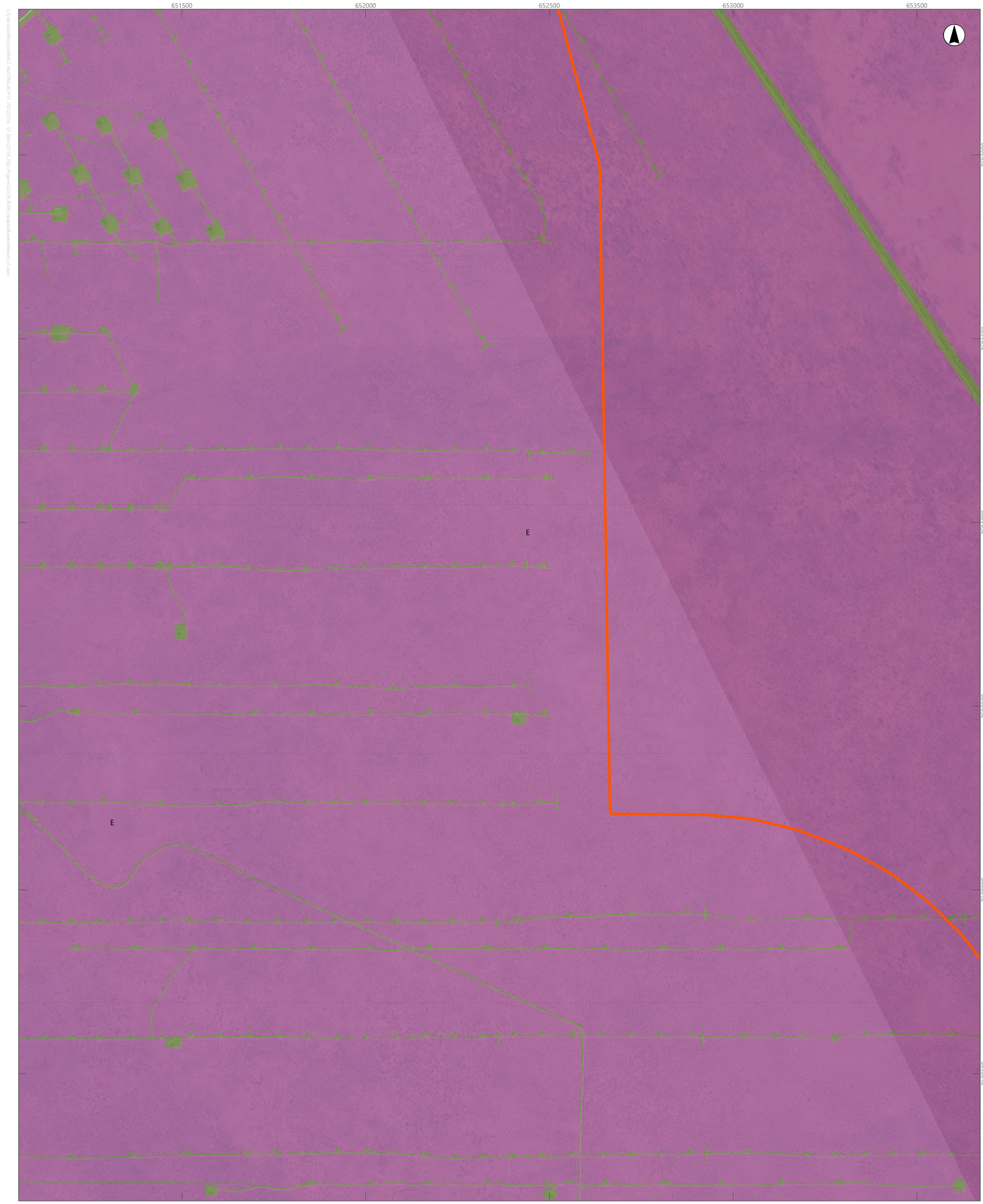
- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 40)

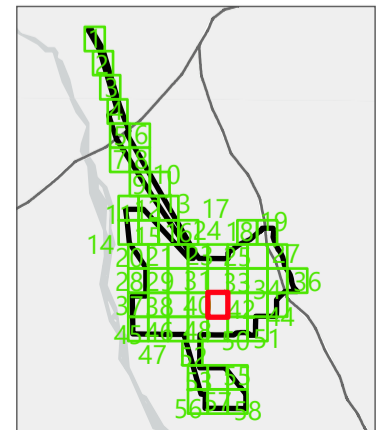


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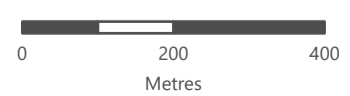


Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

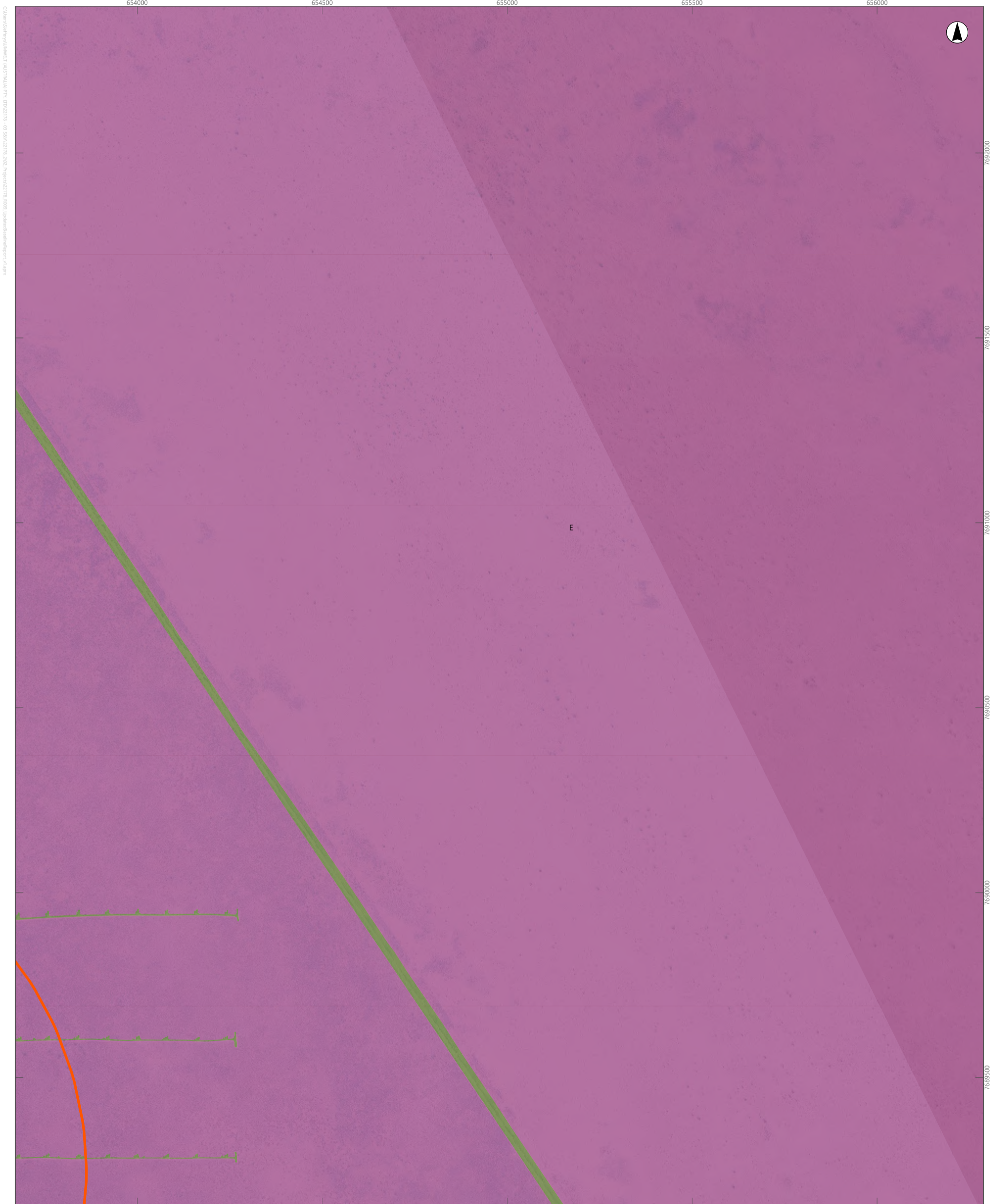
- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



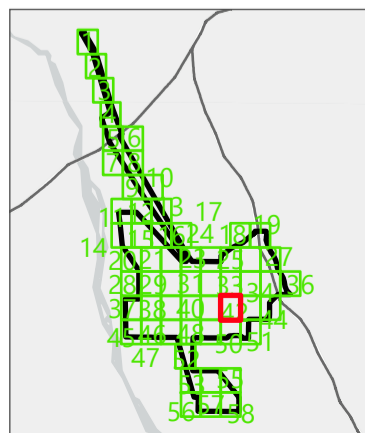
APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 41)



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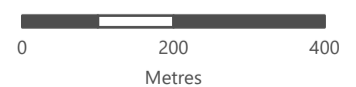


- Legend**
- Survey Area
 - Targeted Survey Area
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 42)



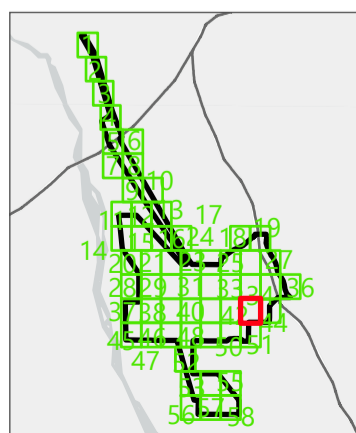
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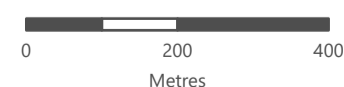
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



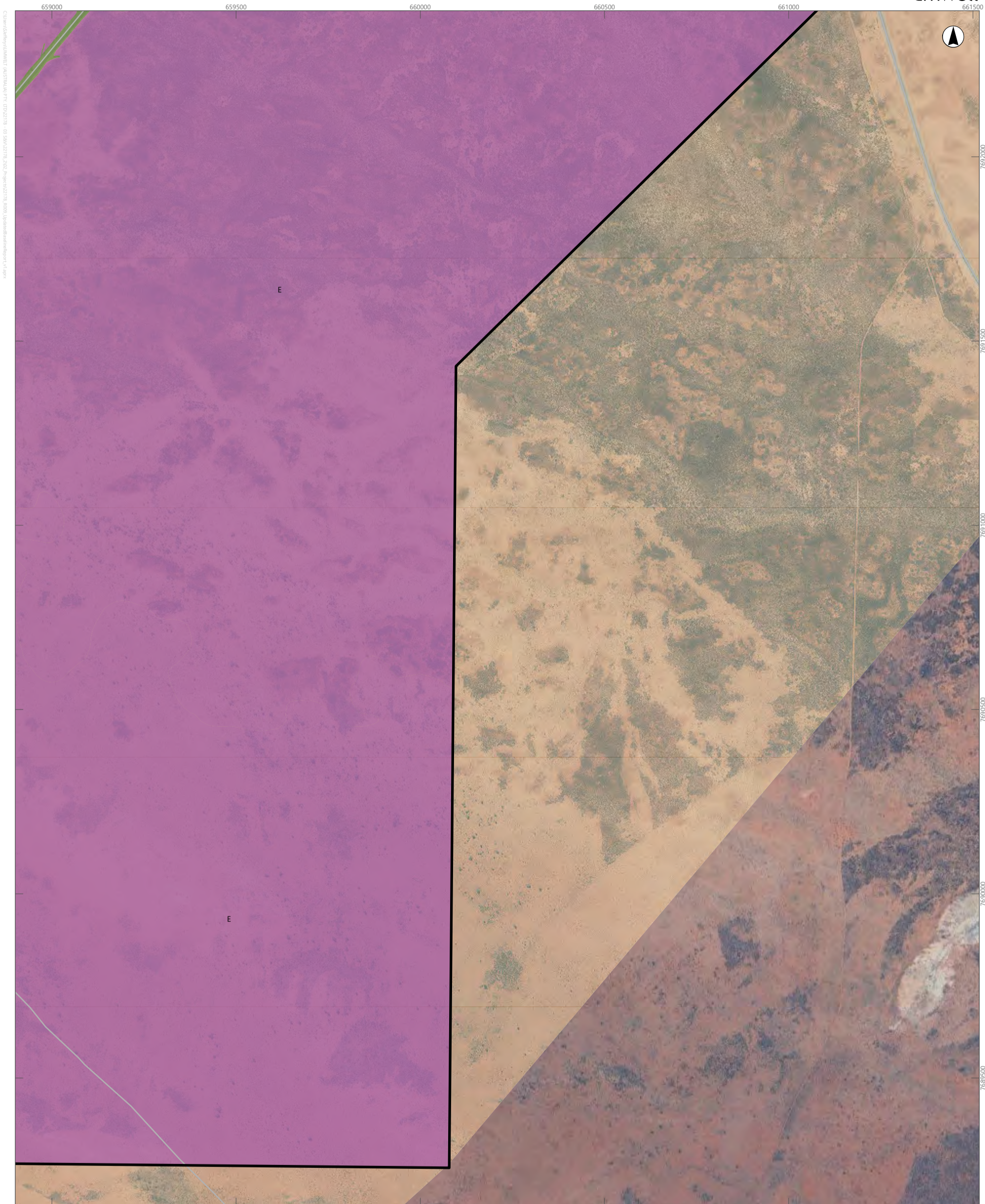
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 43)



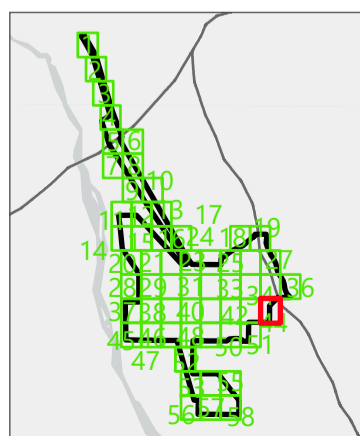
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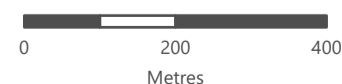
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 44)



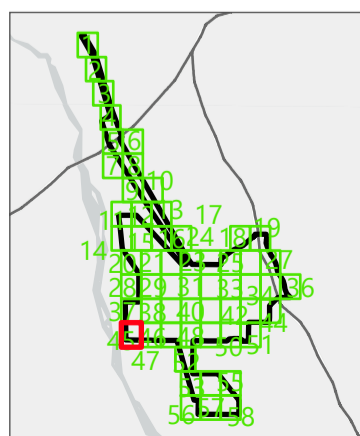
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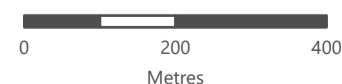
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 45)



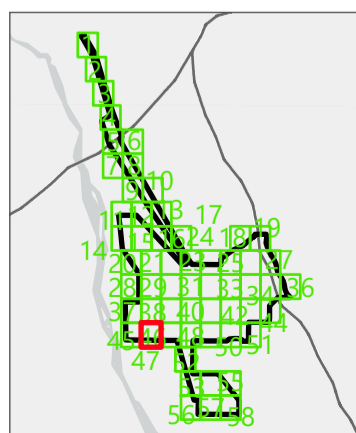
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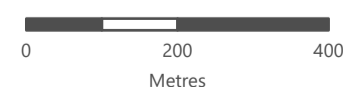
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



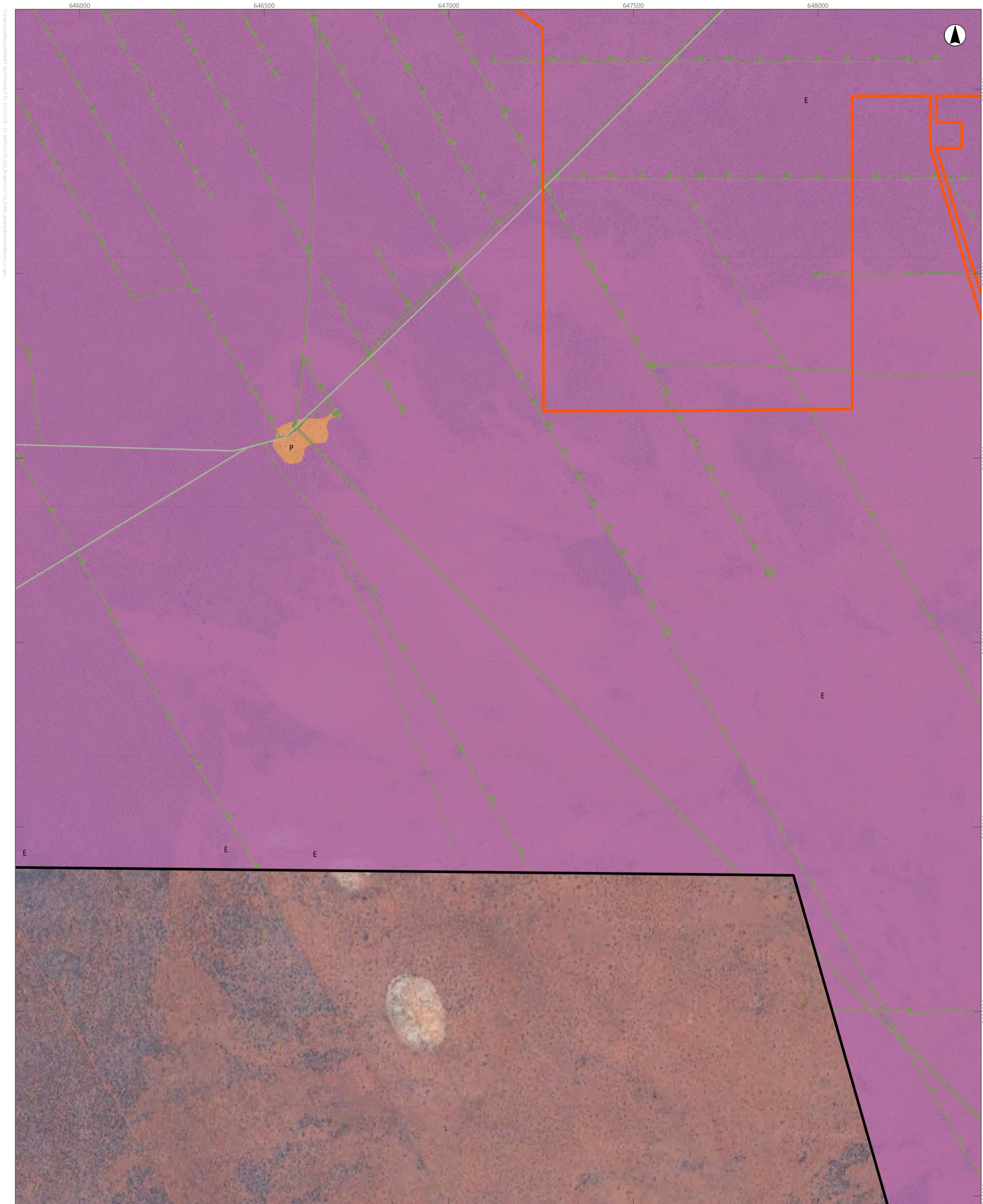
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 46)



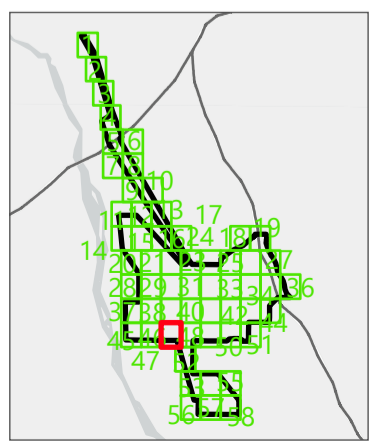
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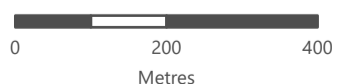


Legend

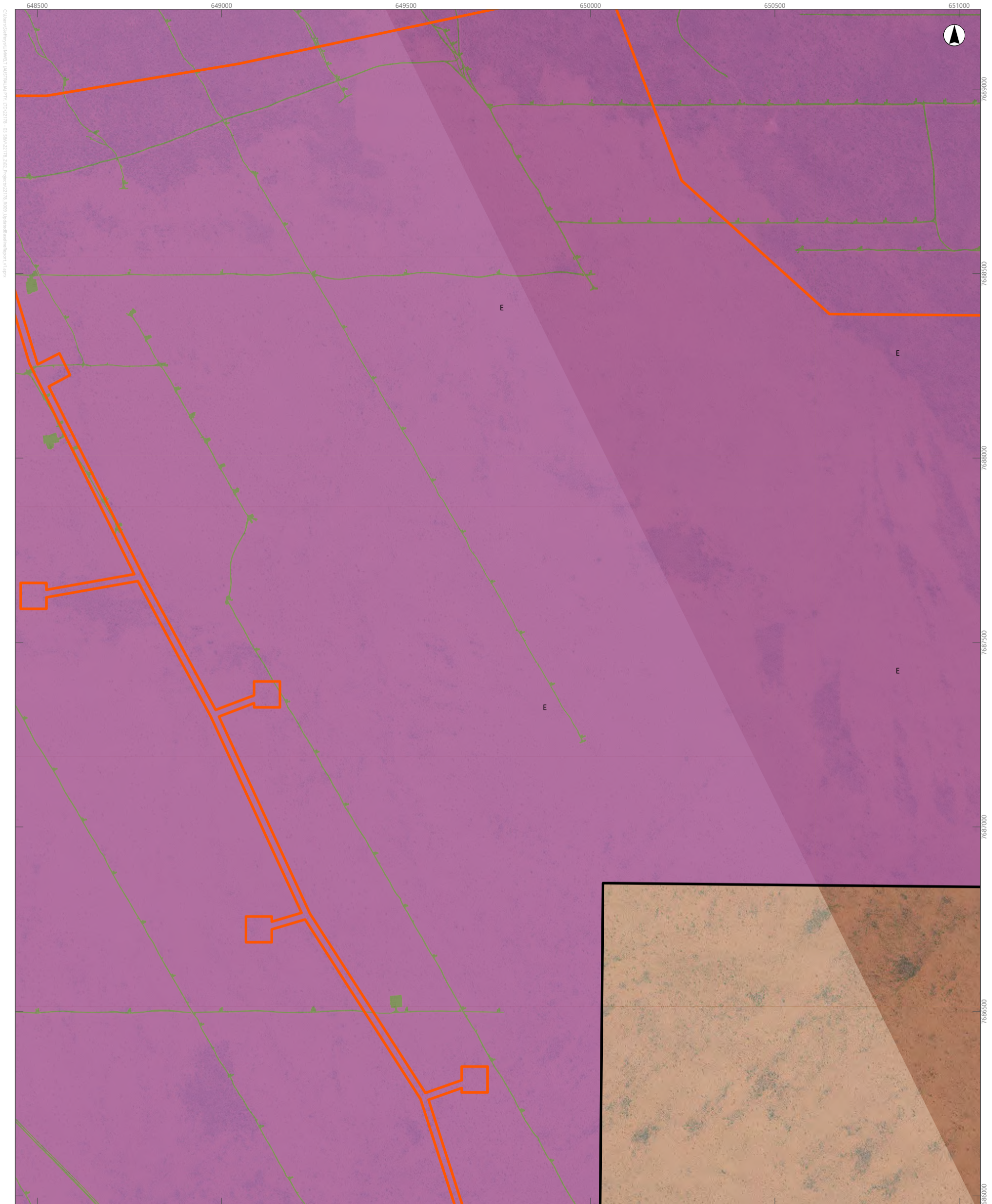
Survey Area	Vegetation Condition
Targeted Survey Area	Excellent
Road	Poor
	Not Assessed



APPENDIX Q
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 47)



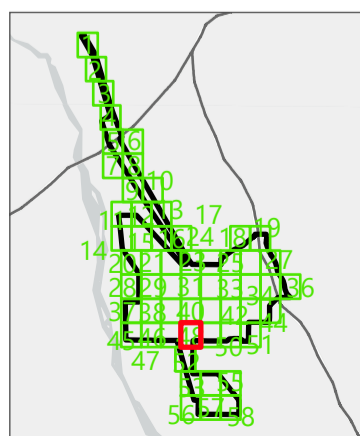
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

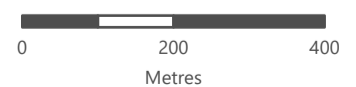
Legend

- Survey Area
- Targeted Survey Area
- Vegetation Condition**
- Excellent
- Not Assessed

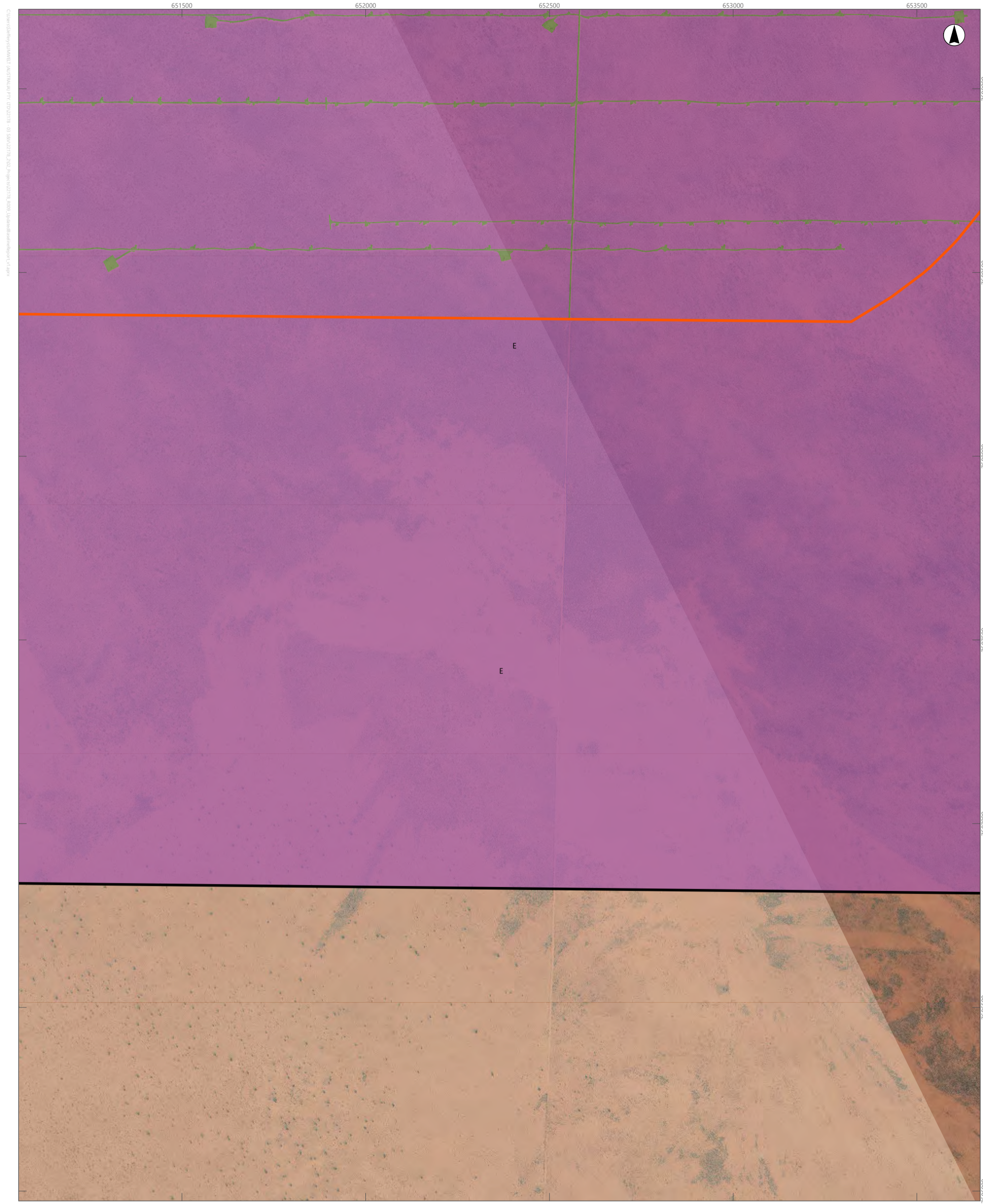


APPENDIX Q

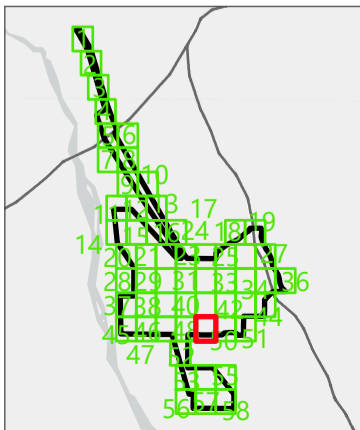
Detailed Vegetation Condition Mapping of the Survey Area (Sheet 48)



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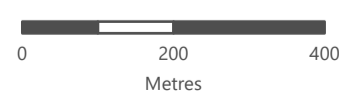


- Legend**
- Survey Area
 - Targeted Survey Area
 - Vegetation Condition**
 - Excellent
 - Not Assessed



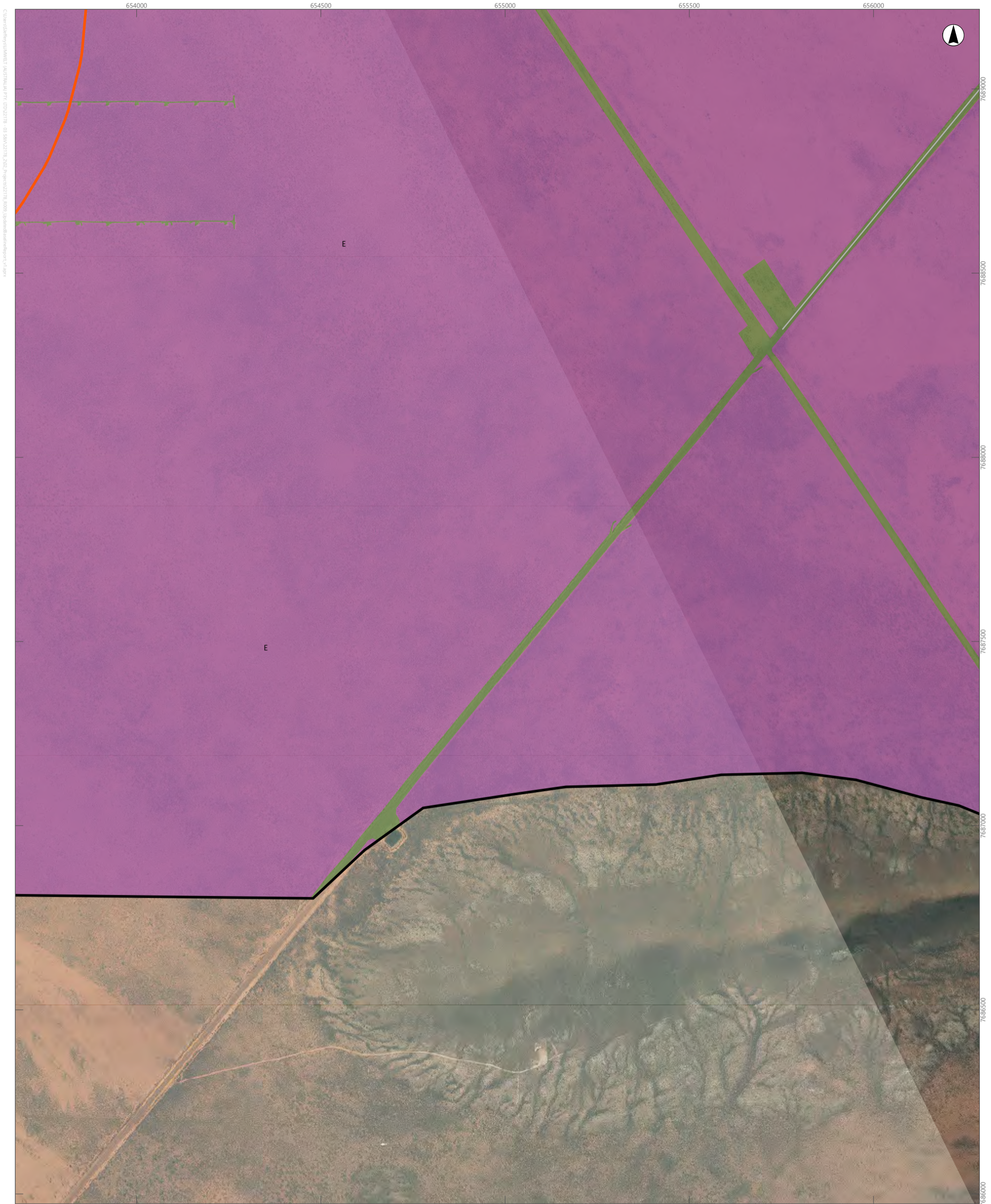
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 49)



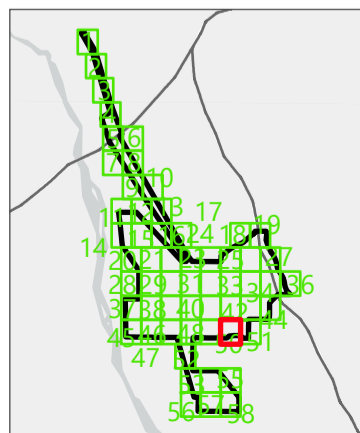
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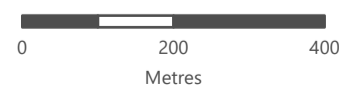
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



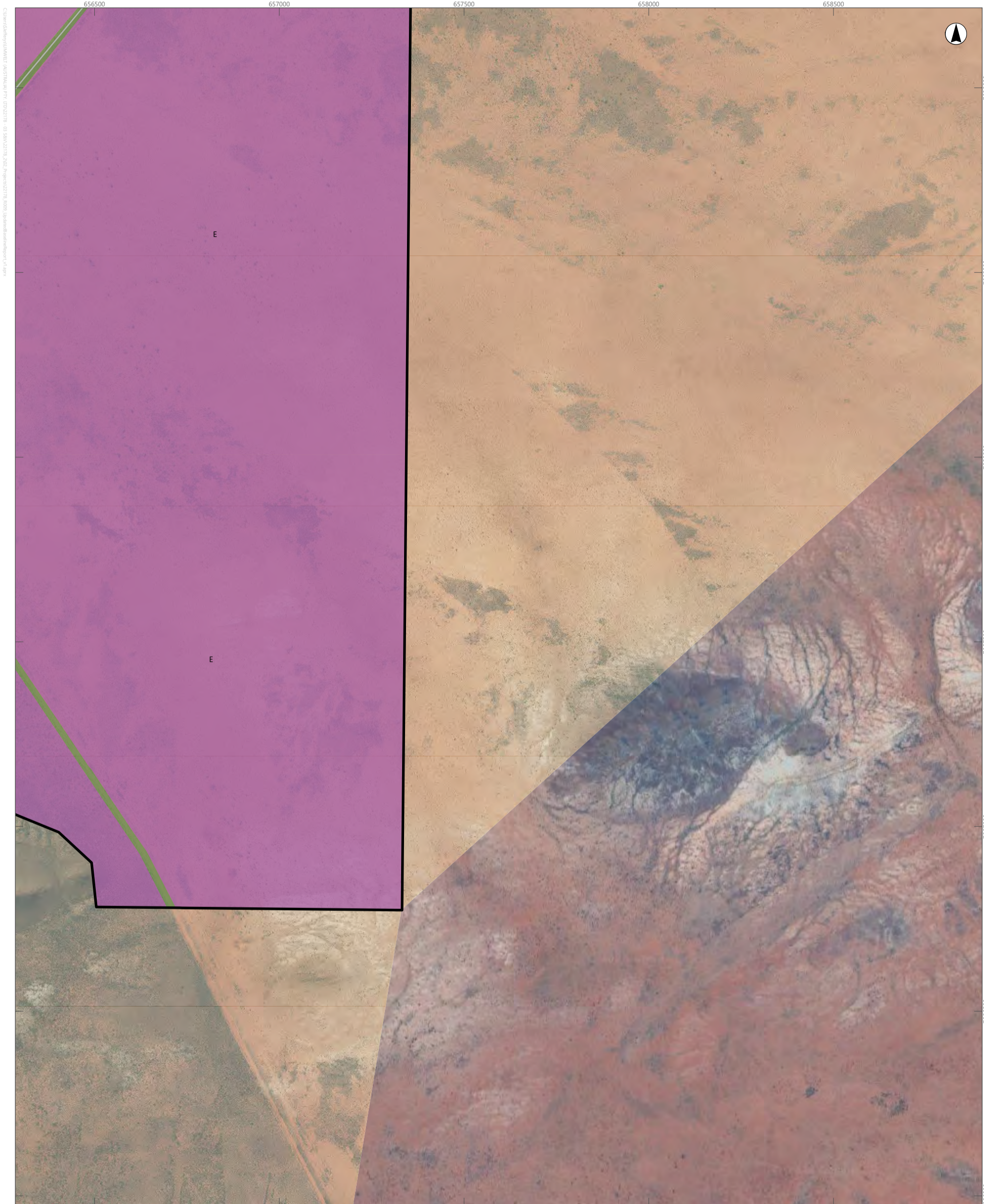
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 50)



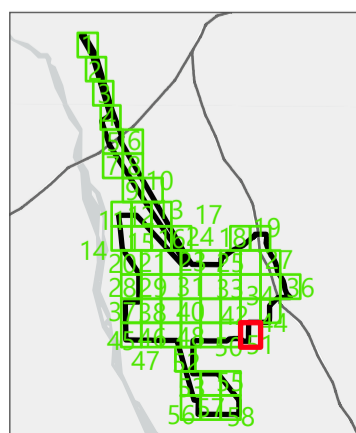
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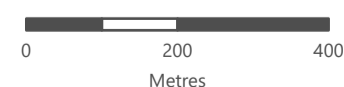
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Road
 - Vegetation Condition**
 - Excellent
 - Not Assessed



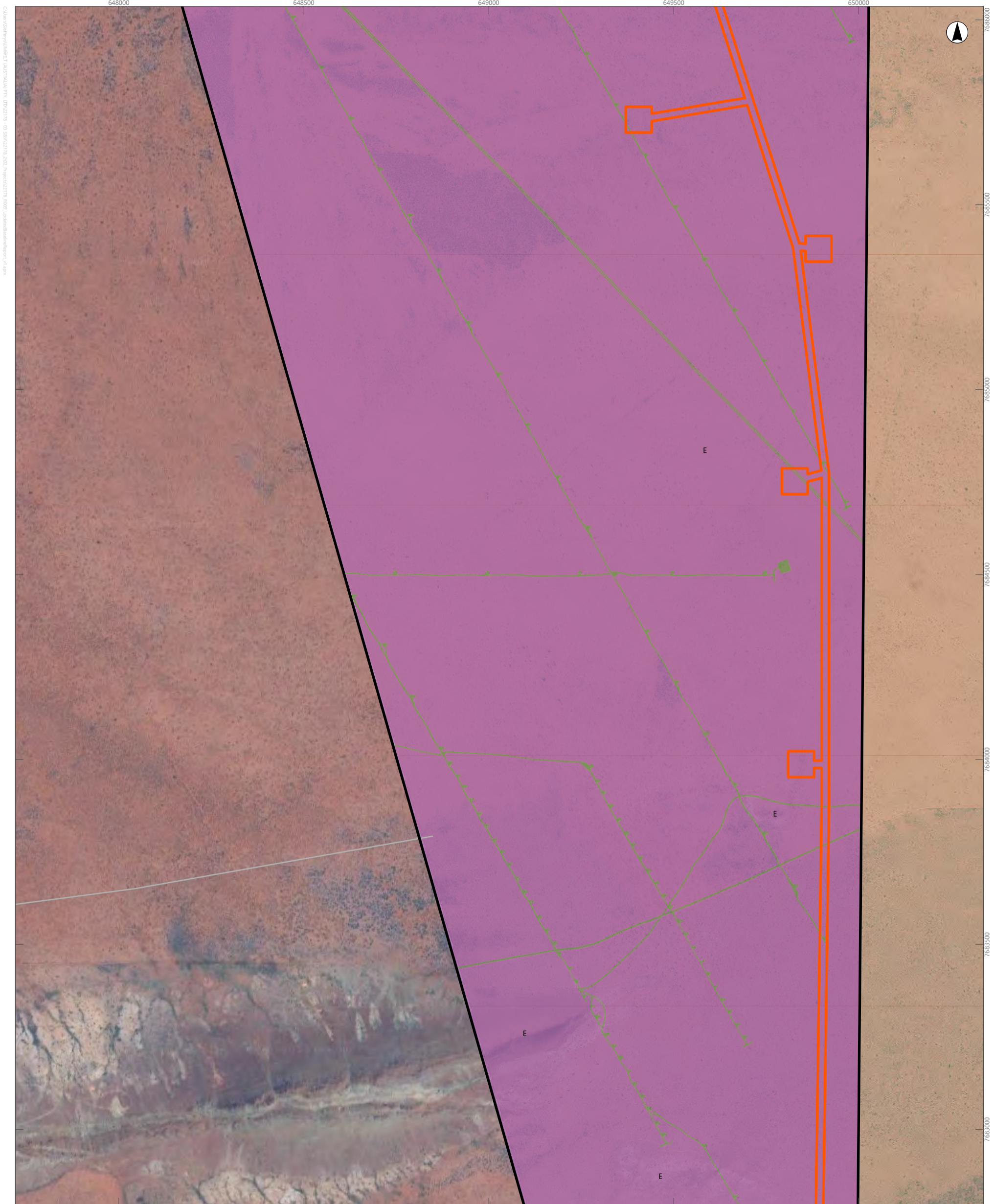
APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 51)



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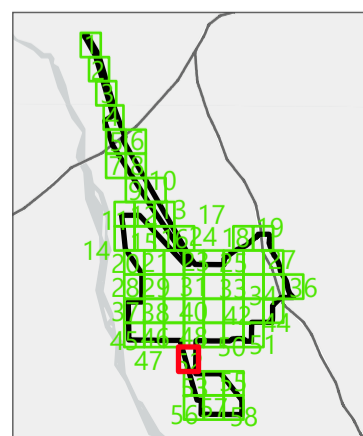
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

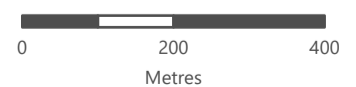
Legend

- | | |
|----------------------|-----------------------------|
| Survey Area | Vegetation Condition |
| Targeted Survey Area | Excellent |
| Road | Not Assessed |

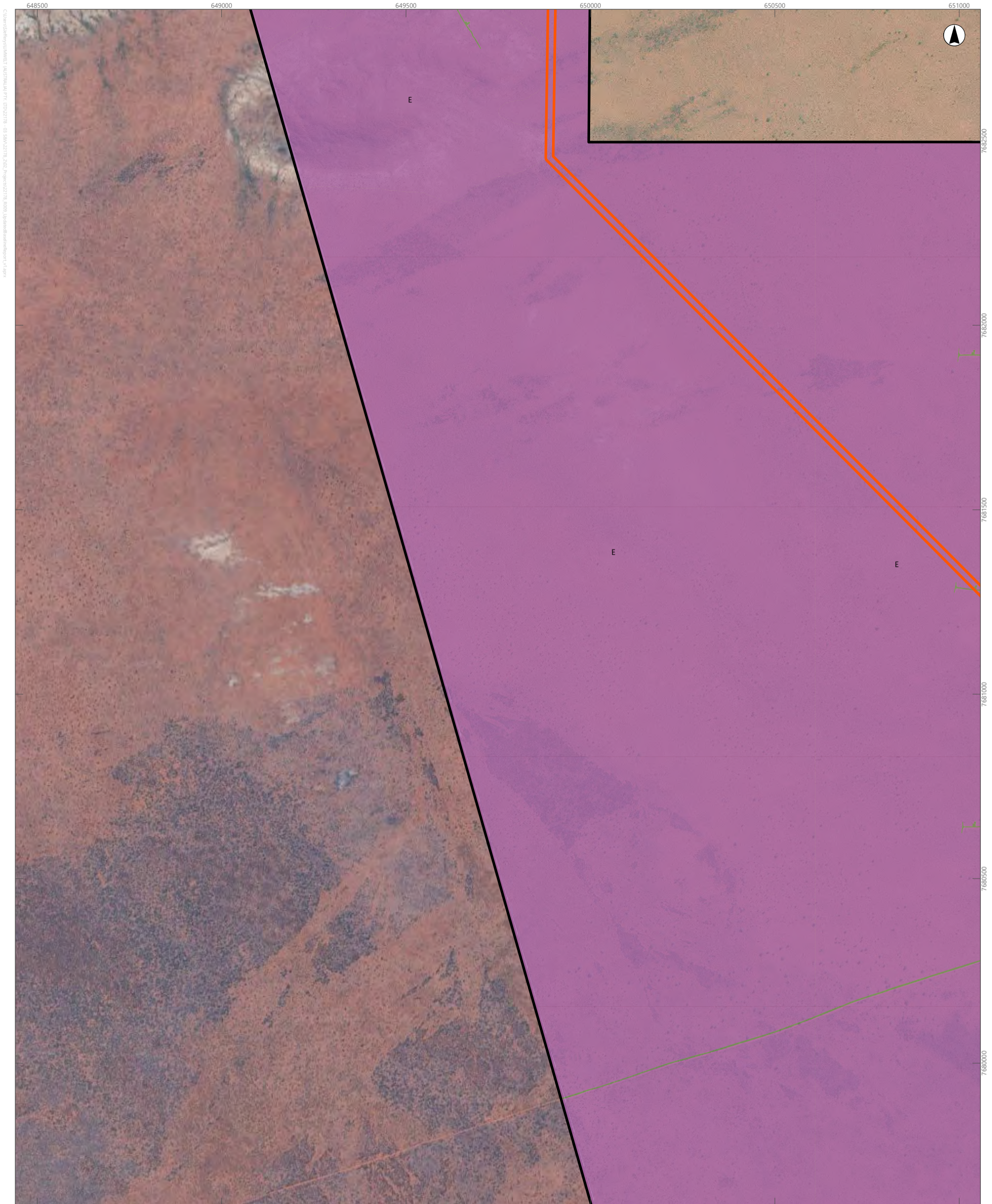


APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 52)

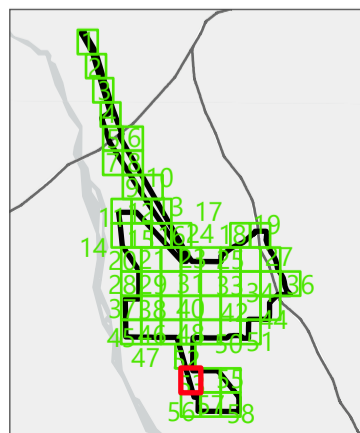


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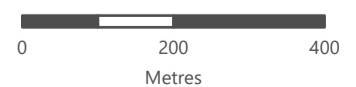
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
 - Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 53)



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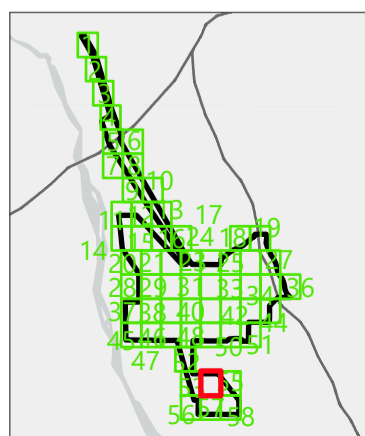
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7682500
7682000
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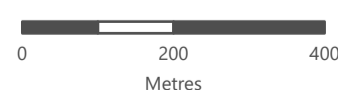
Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

- Legend**
- Survey Area
 - Targeted Survey Area
- Vegetation Condition**
- Excellent
 - Poor
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 54)



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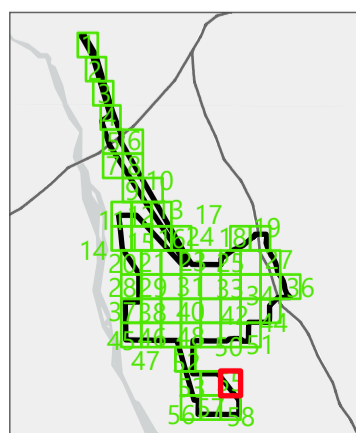
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Scale: 1:10,000 at A4, GDA2020 MGA Zone 50

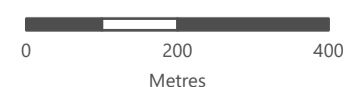
Legend

- Survey Area
- Vegetation Condition**
 - Excellent
 - Not Assessed



APPENDIX Q

Detailed Vegetation Condition Mapping of the Survey Area (Sheet 55)



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