



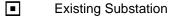
PROPOSED CONSTRUCTION OF A 140MW WIND ENERGY FACILITY

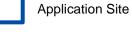
ALETTA WIND NEAR COPPERTON NORTHERN CAPE PROVINCE

TOPOGRAPHY

Legend

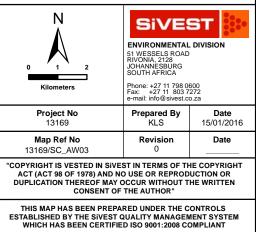
 Main Roads
 Railway Line
 Existing High Voltage Power Lines (400kV)
 Main Rivers/Water Courses
 Contours (20m Interval)
 Contours (5m Interval)

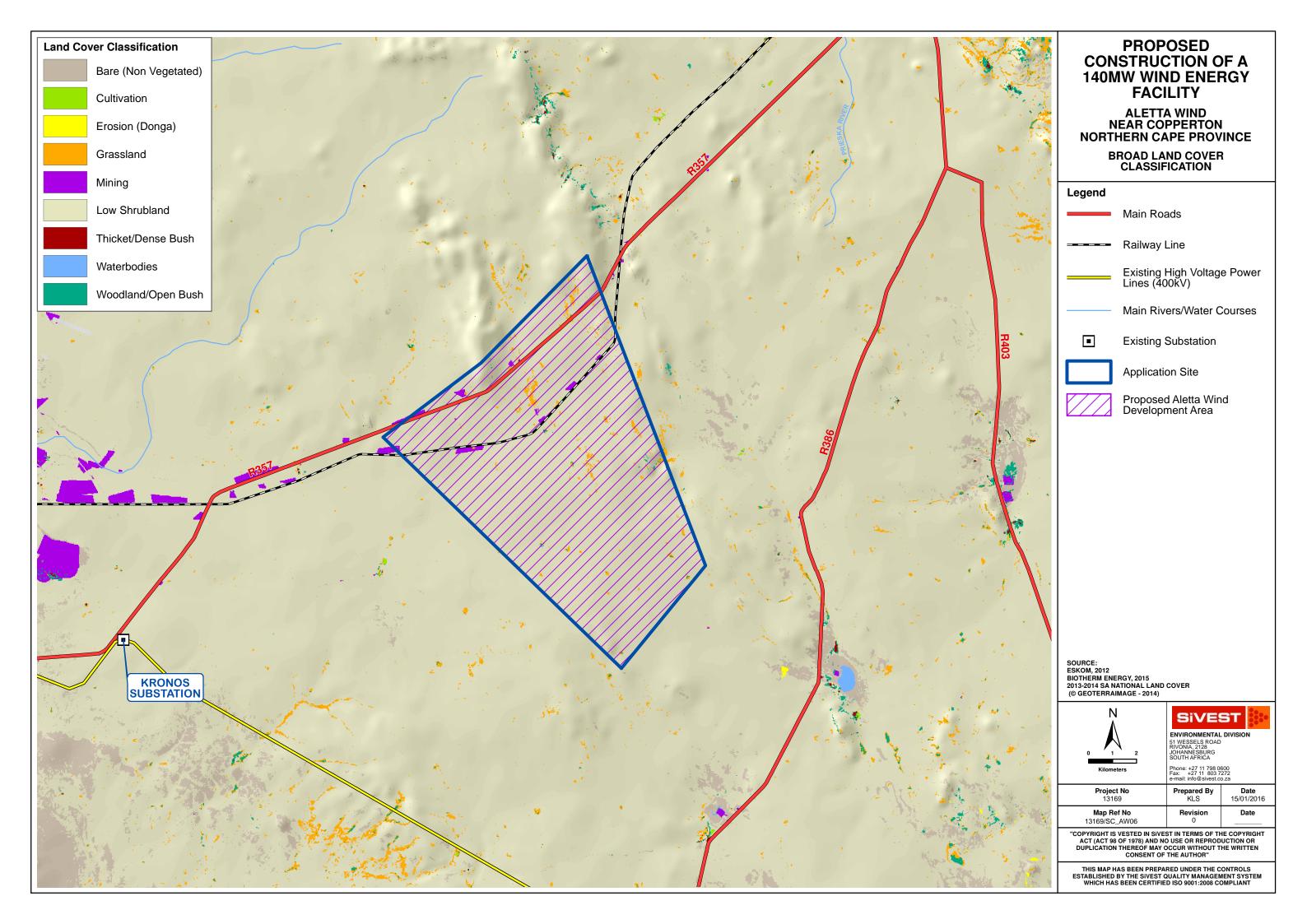


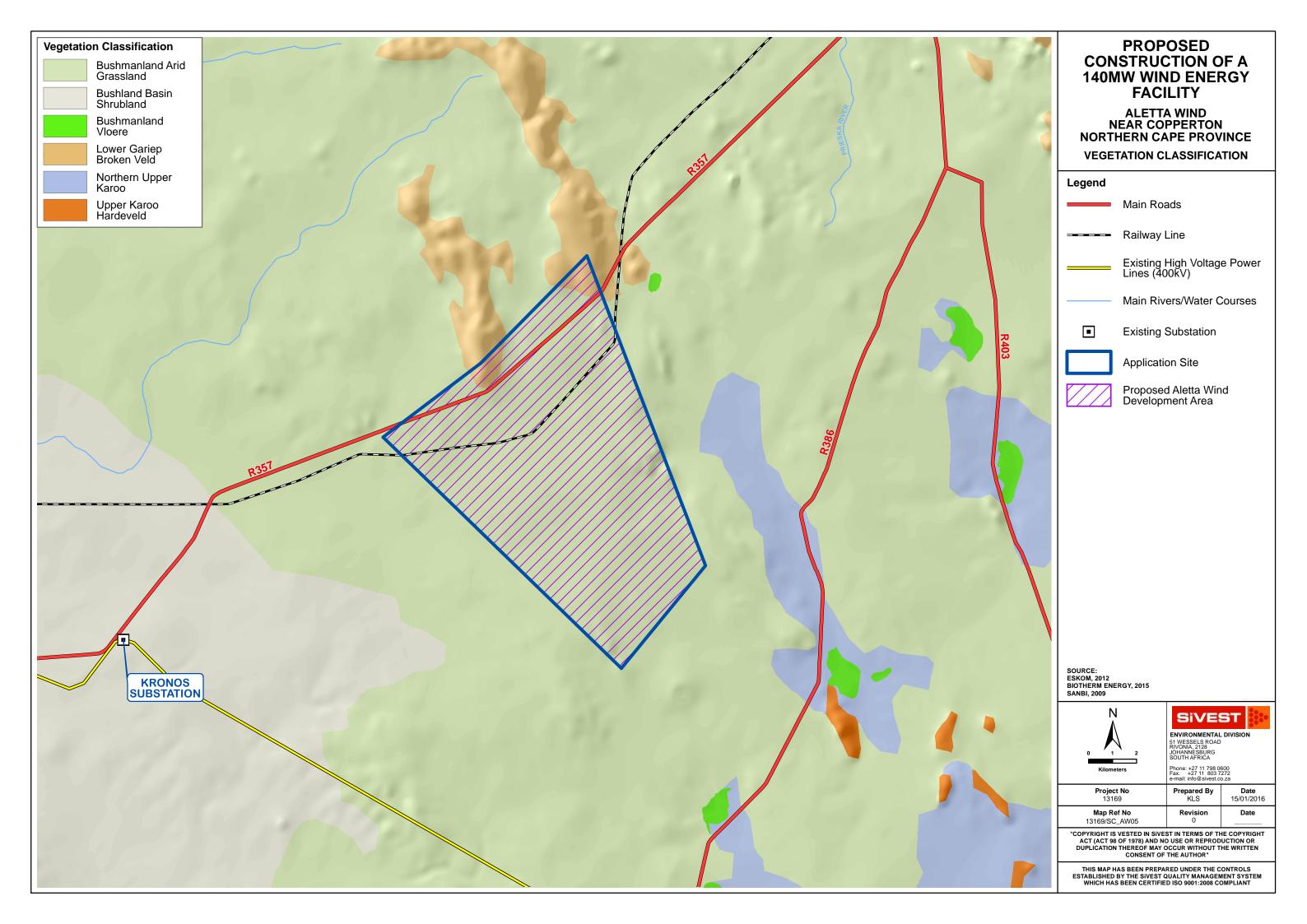


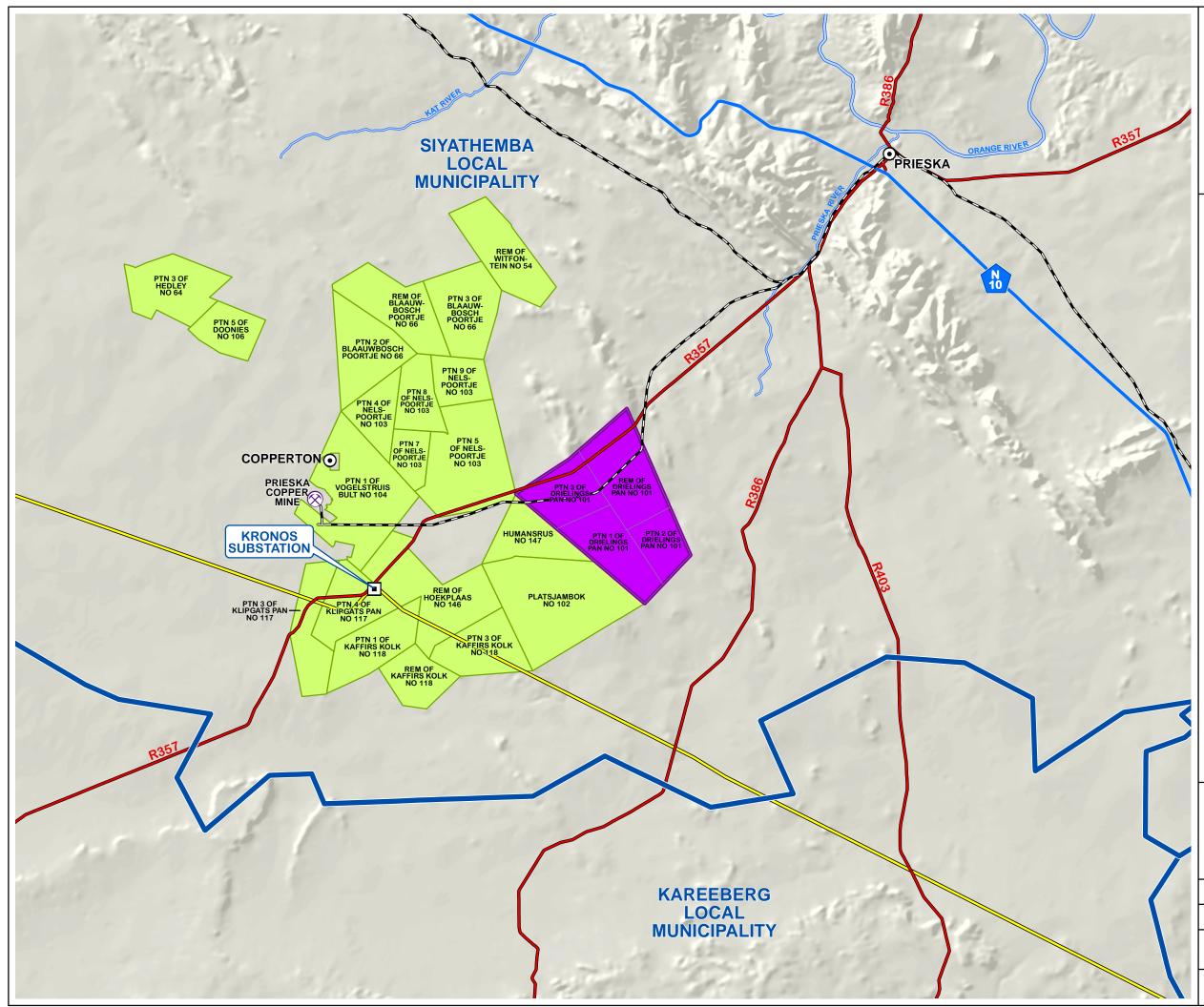
Proposed Aletta Wind Development Area

SOURCE: ESKOM, 2012 BIOTHERM ENERGY, 2015 NGI, 2014









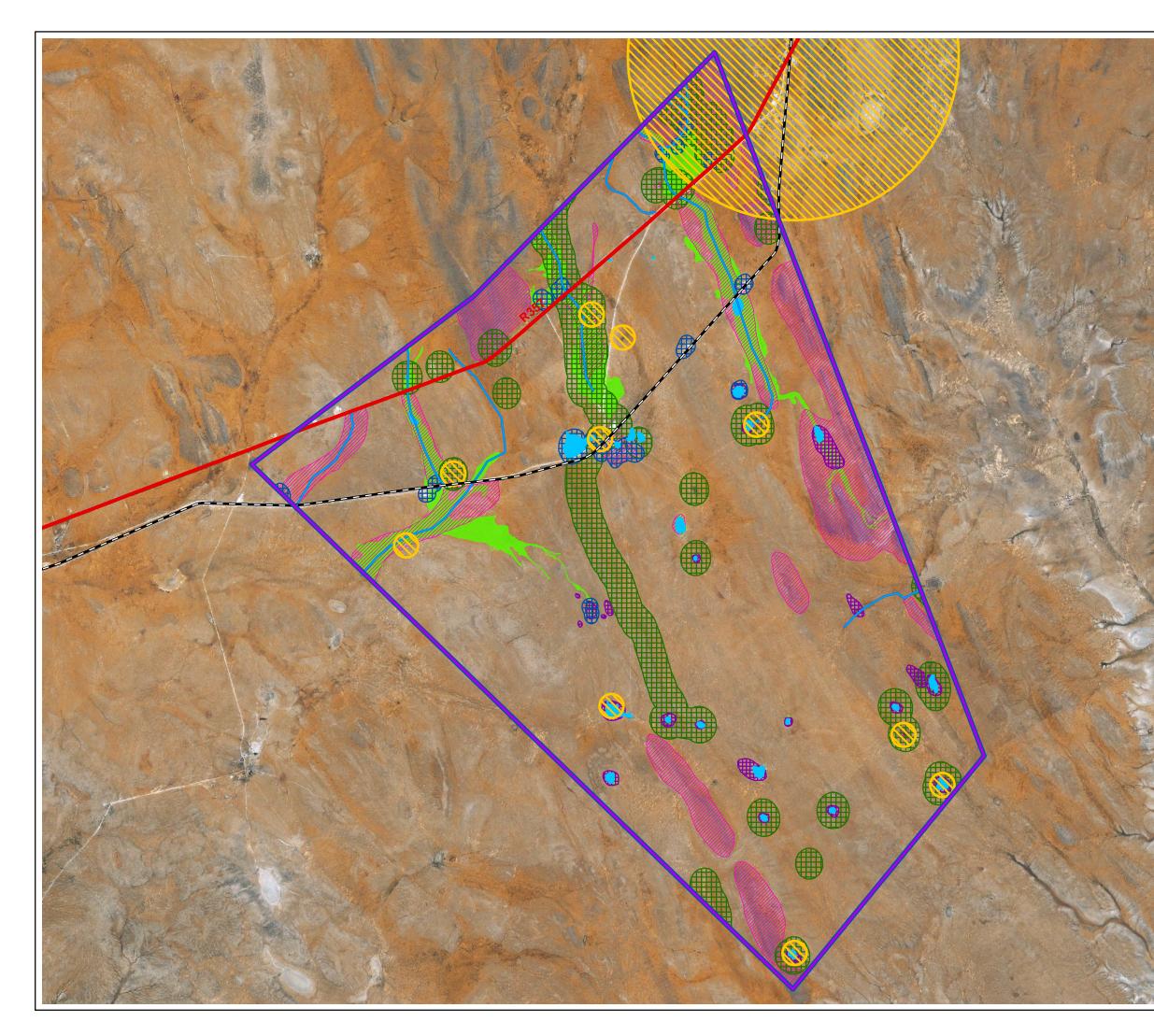
PROPOSED CONSTRUCTION OF A 140MW WIND ENERGY FACILITY

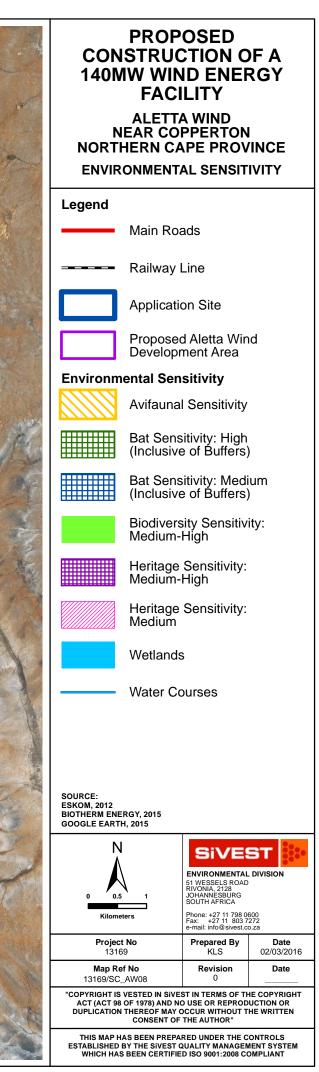
ALETTA WIND NEAR COPPERTON NORTHERN CAPE PROVINCE

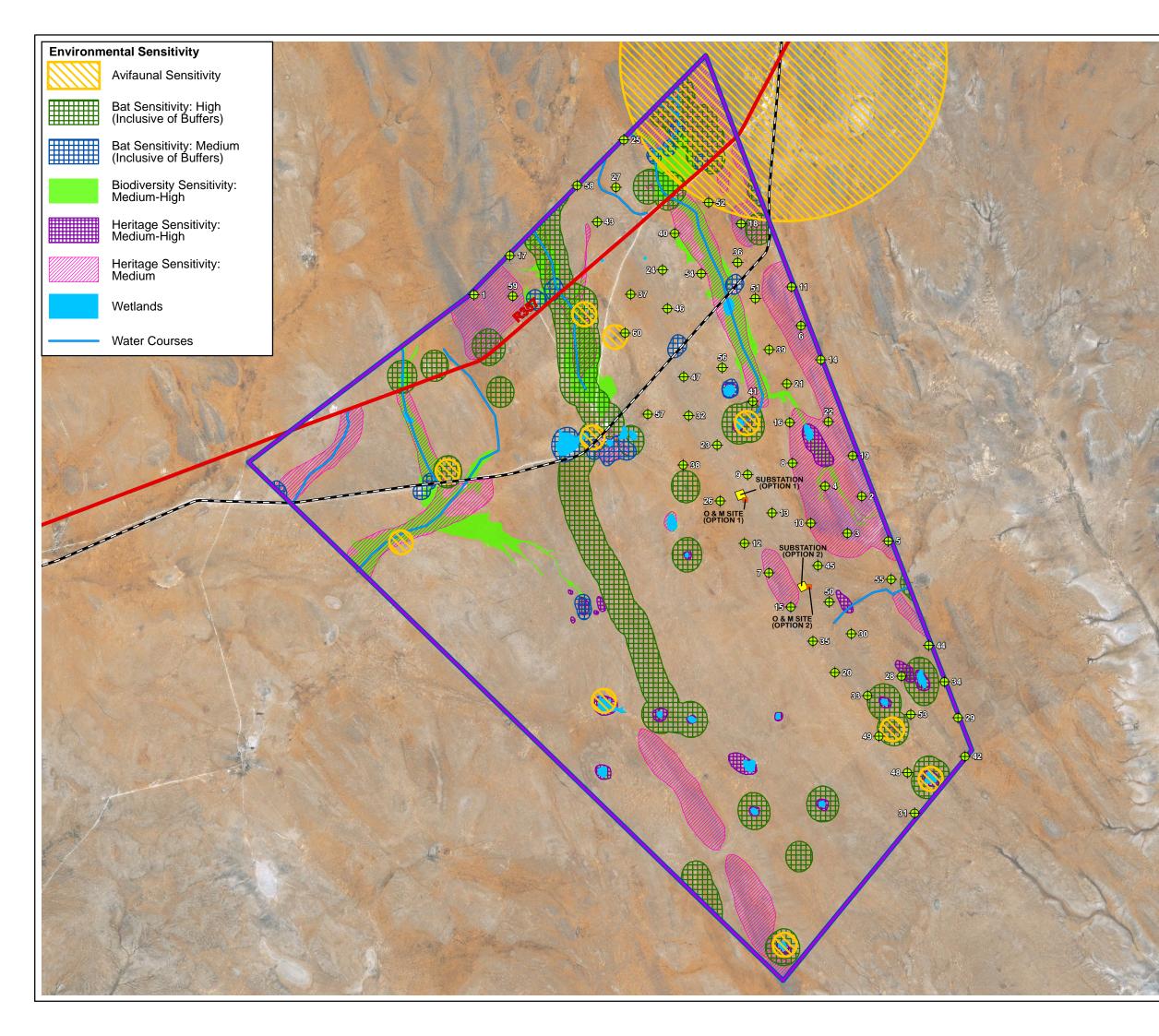
OTHER PROPOSED RENEWABLE ENERGY DEVELOPMENTS WITHIN 35KMS OF ALETTA WIND

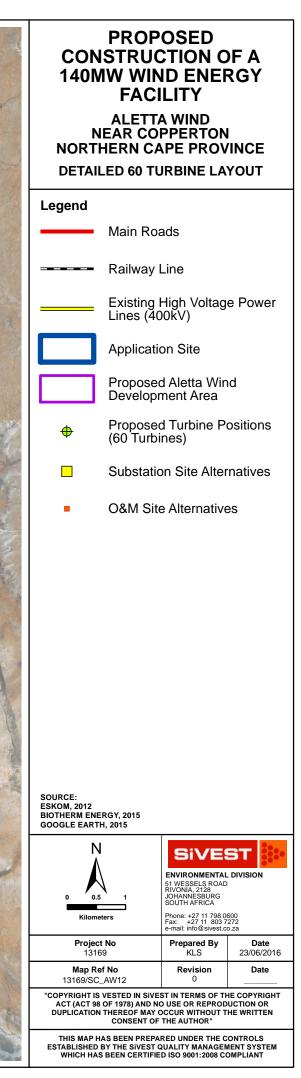
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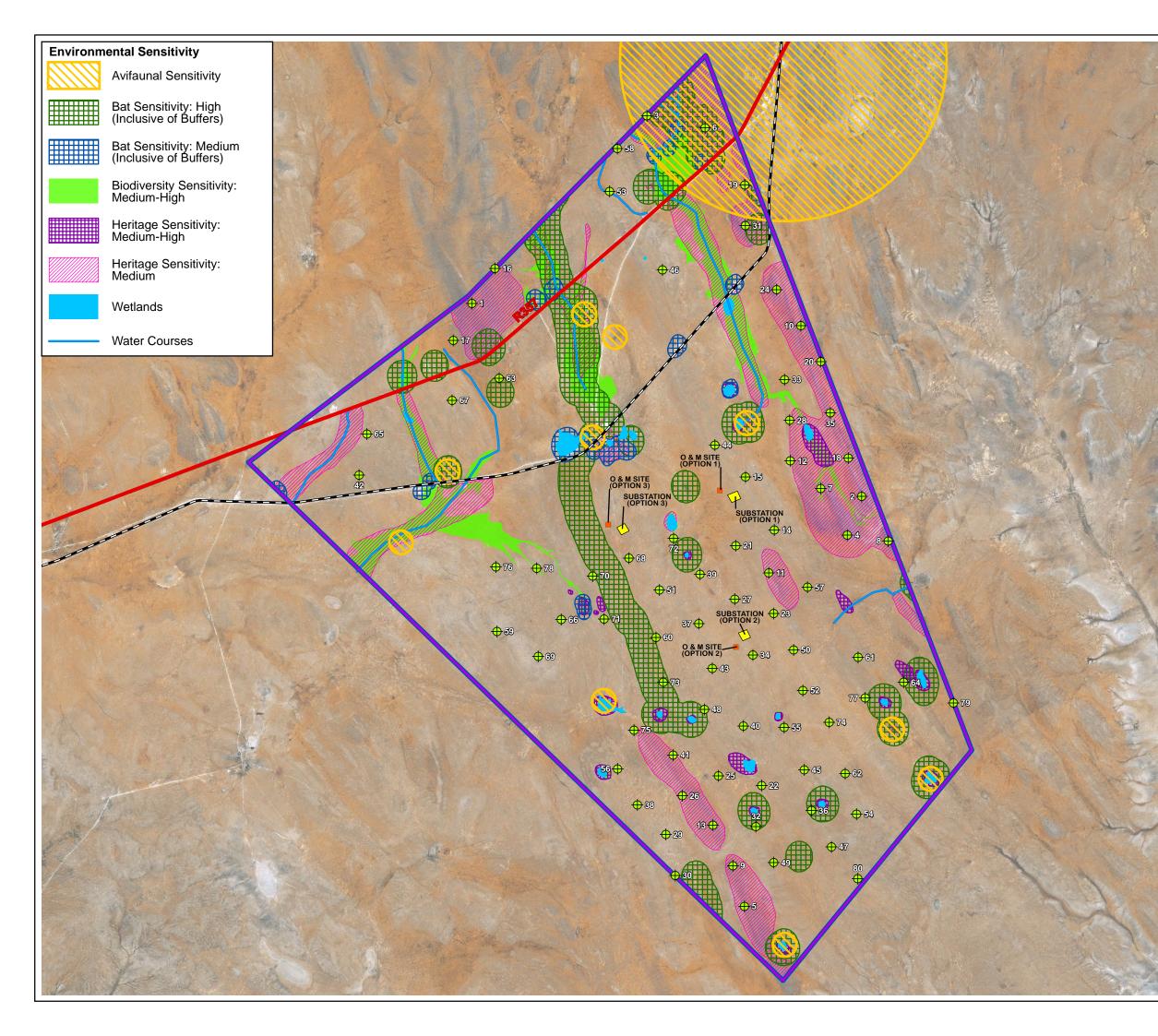
	Local Municipal Boundaries				
	National Route (N10)				
	Main Roa	Main Roads			
	Railway Line				
	Existing High Voltage Power Lines (400kV)				
	Main Riv	ers			
۲	Main Towns				
	Kronos MTS Substation				
	Application	on Site			
		d Aletta Win nent Area	d		
		Other Renewable Energy Application Sites			
SOURCE: BIOTHERM ENERGY, 2015 ESKOM, 2012 MUNICIPAL DEMARCATION BOARD, 2011 NFEPA, 2011 SOUTH AFRICAN RENEWABLE ENERGY EIA APPLICATION DATABASE, 2015					
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0 3 6 Kilometers		ENVIRONMENTAL DIVISION 51 WESSELS ROAD RIVONA, 2128 JOHANNESBURG SOUTH AFRICA Phone: +27 11 798 0600 Fax: +27 11 803 7272			
Projec		Fax: +27 11 803 7 e-mail: info@sivest.co Prepared By	272 D.za Date		
13169		KLS Revision	01/03/2016 Date		
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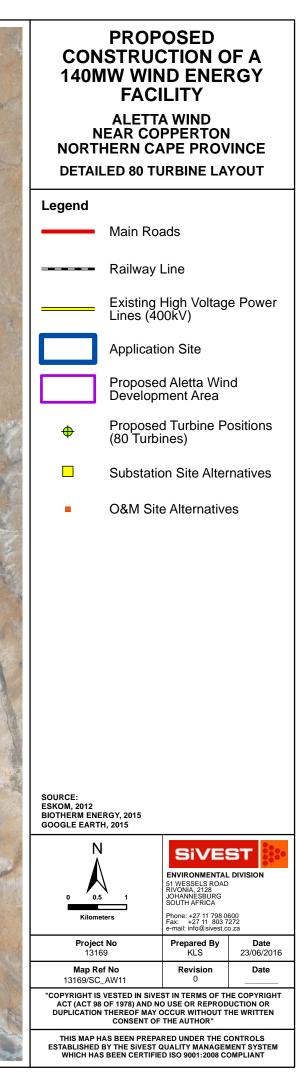


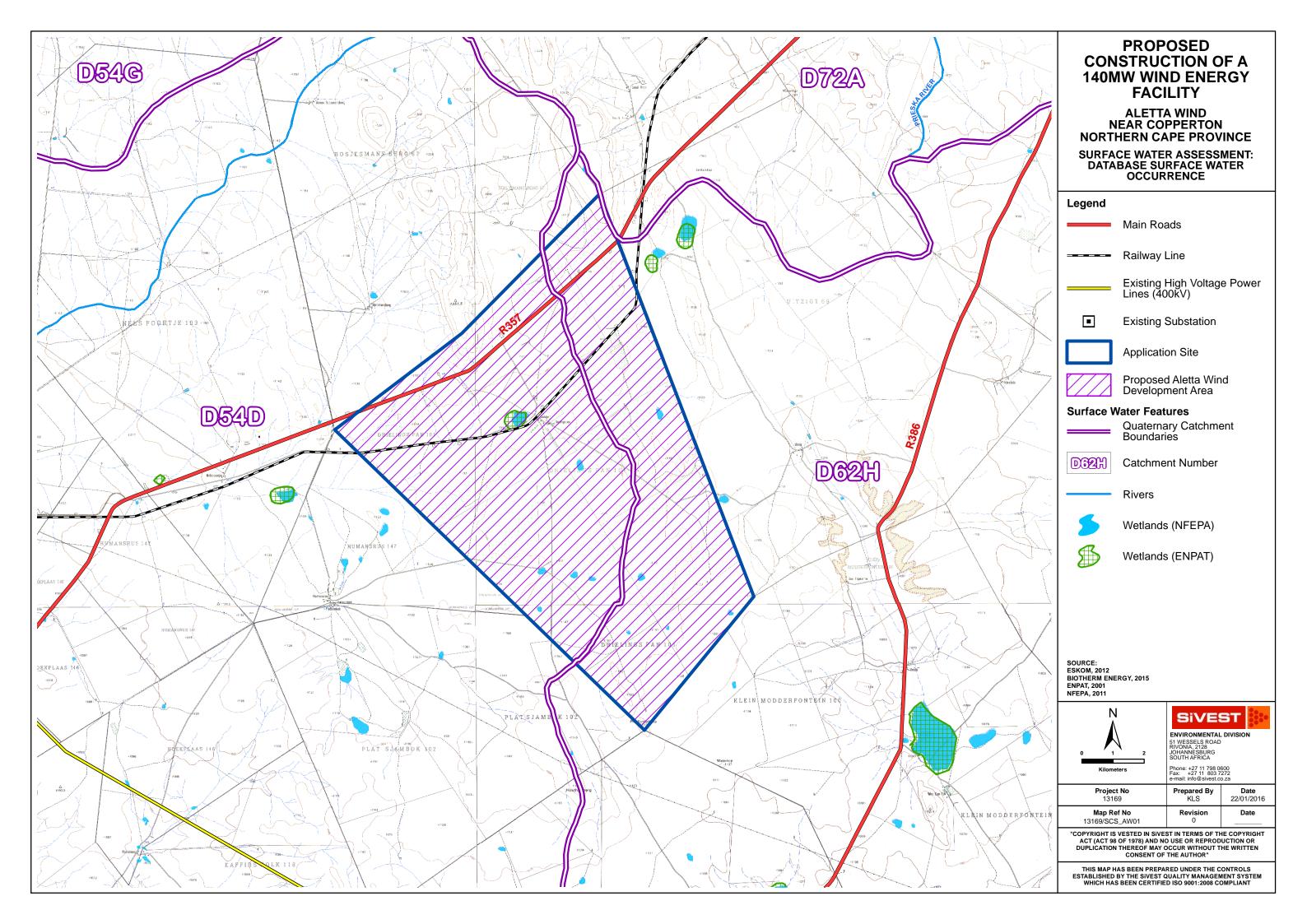


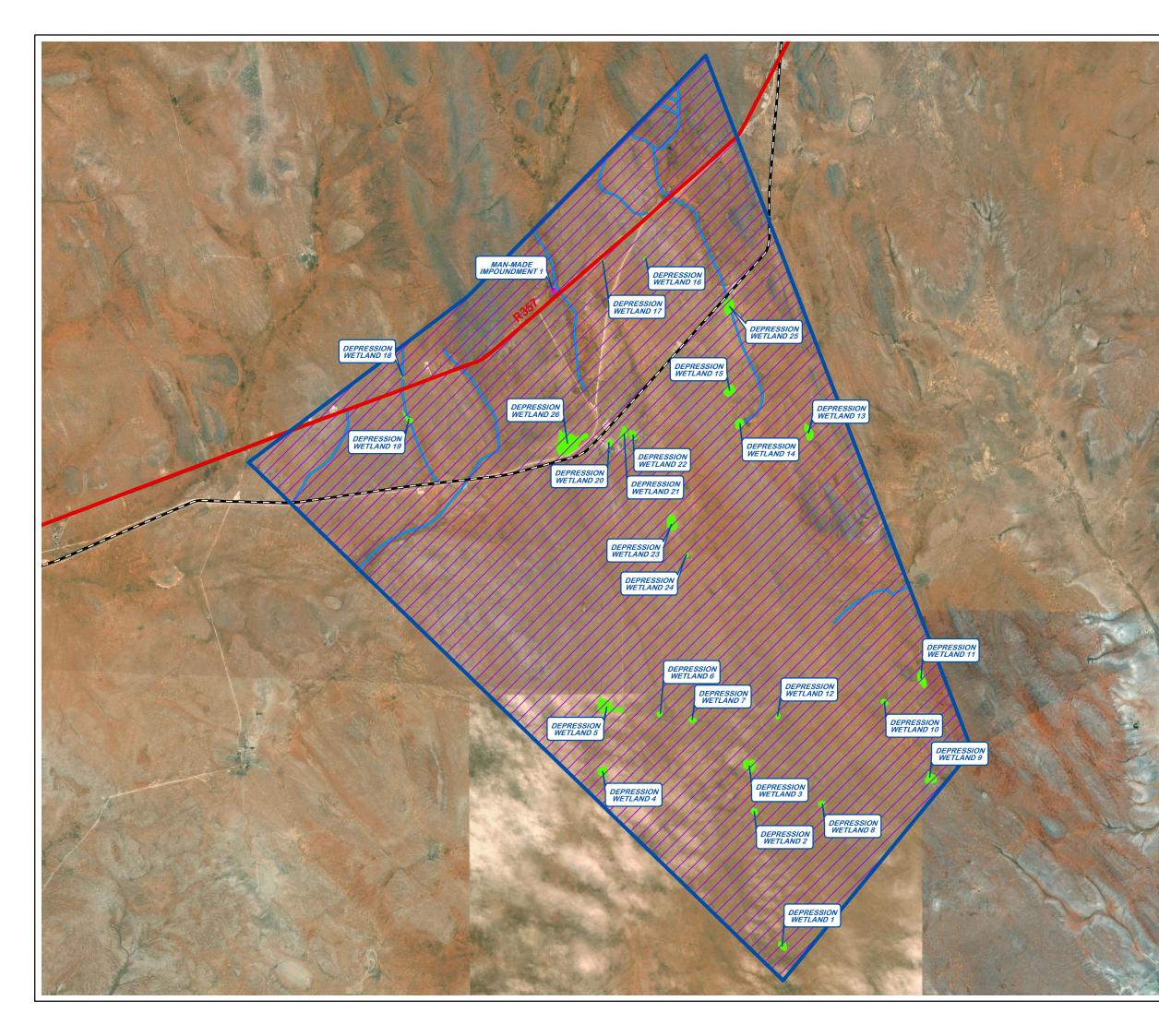












PROPOSED CONSTRUCTION OF A 140MW WIND ENERGY FACILITY ALETTA WIND NEAR COPPERTON NORTHERN CAPE PROVINCE SURFACE WATER ASSESSMENT: DESKTOP SURFACE WATER OCCURRENCE Legend Main Roads Railway Line Application Site Proposed Aletta Wind Development Area

Surface Water Features

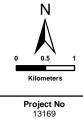
Water Courses



Wetlands

Man-Made Impoundment

SOURCE: ESKOM, 2012 BIOTHERM ENERGY, 2015 GOOGLE EARTH, 2015



Map Ref No



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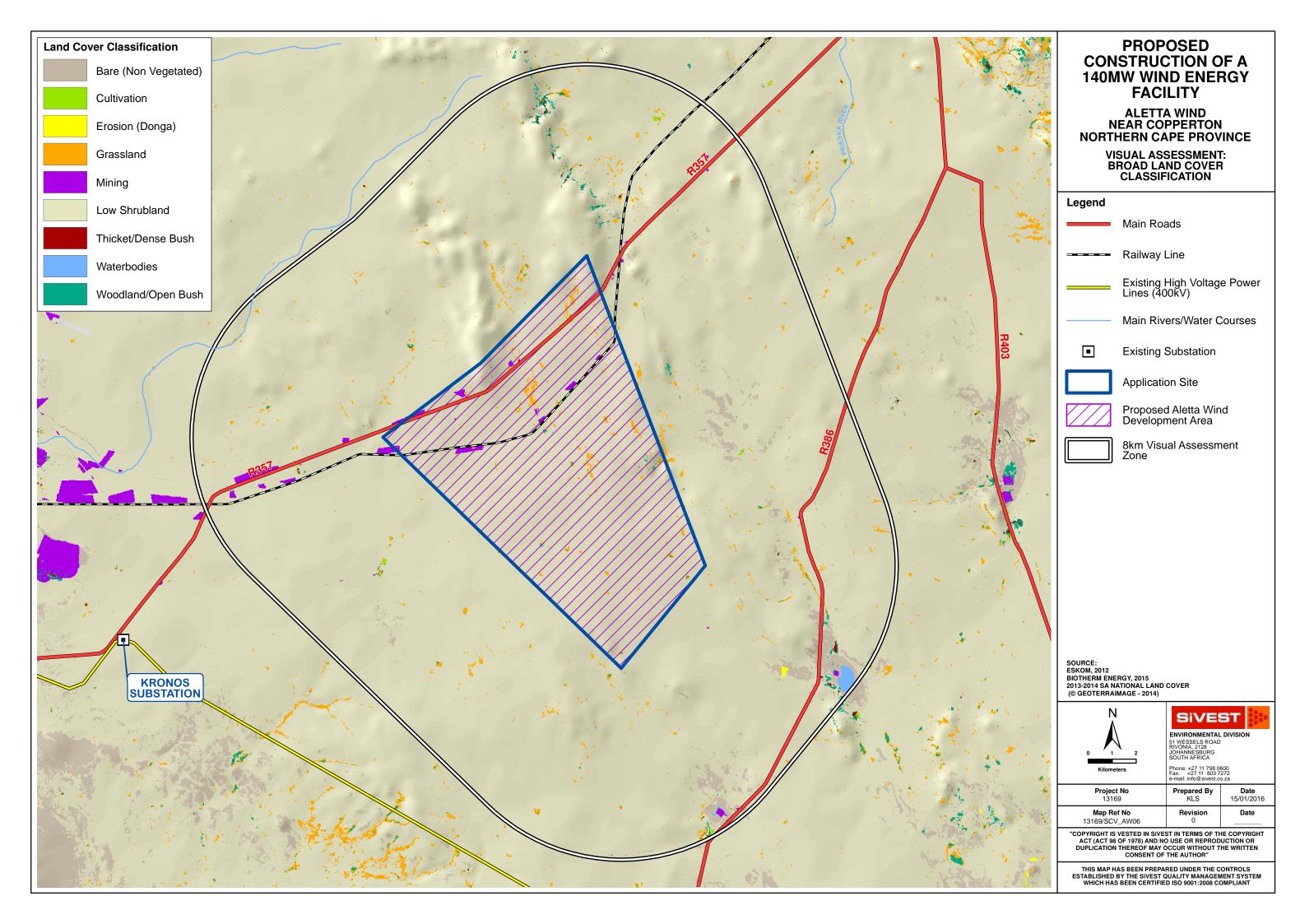
 Prepared By KLS
 Date 22/01/2016

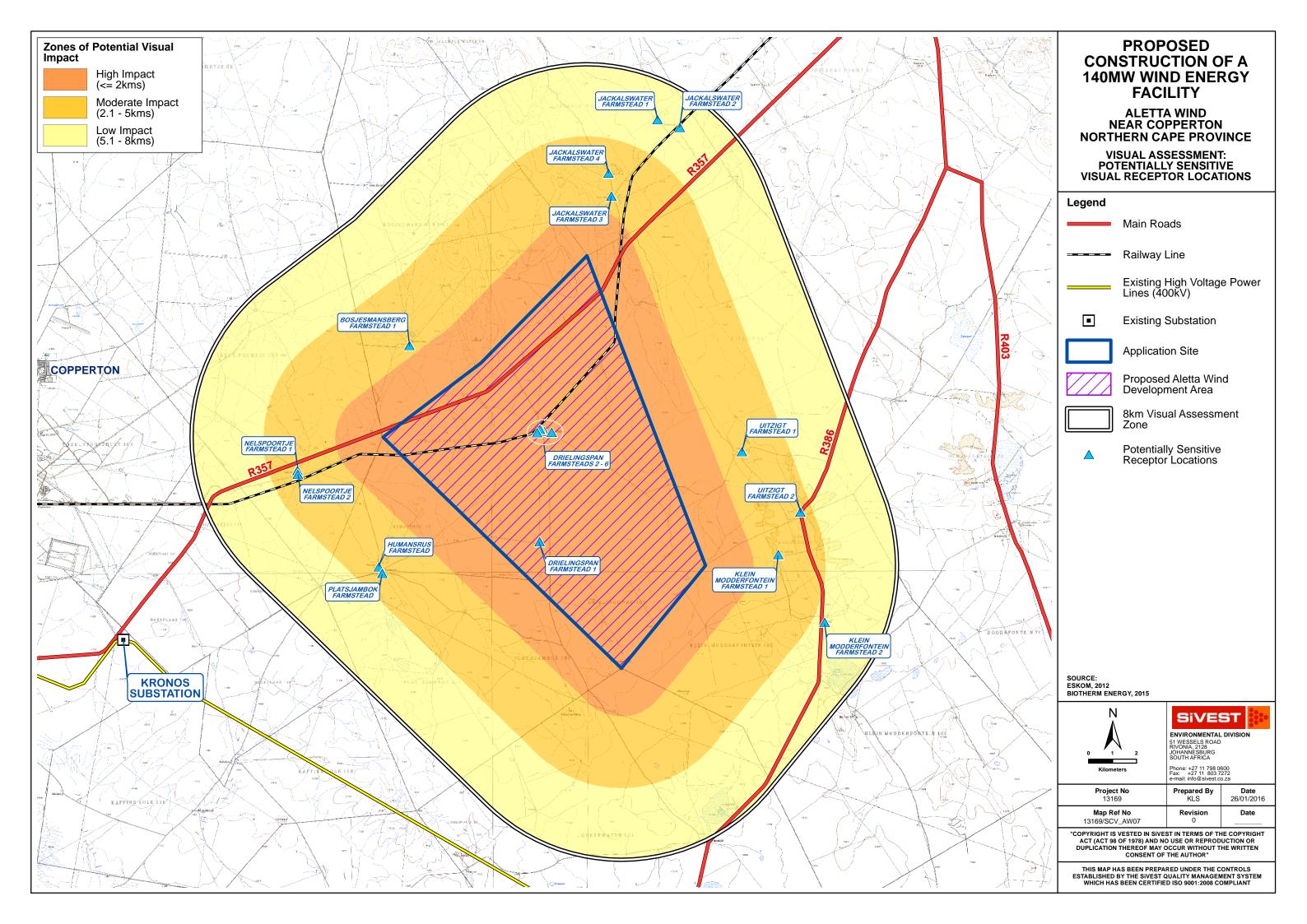
 Revision
 Date

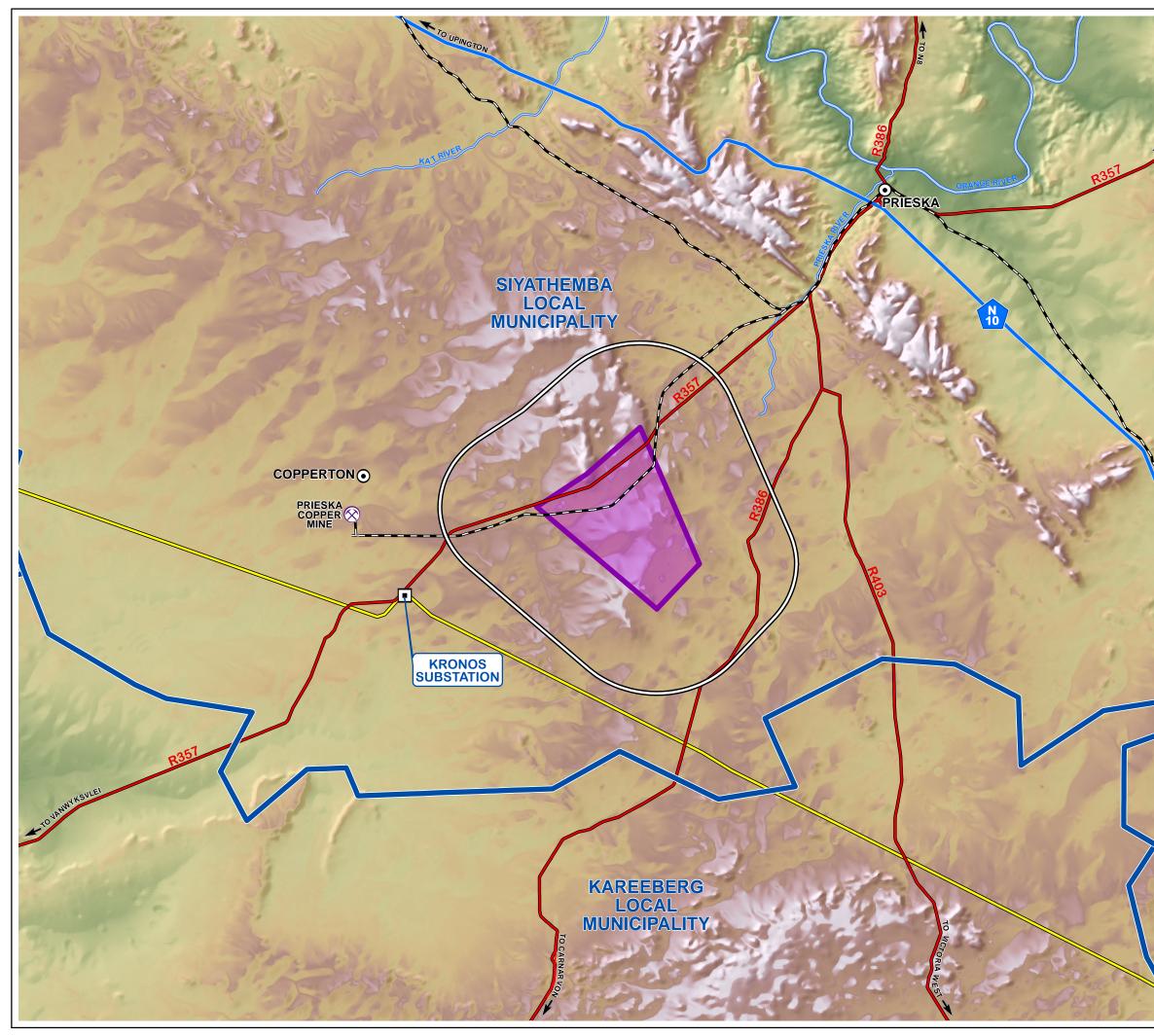
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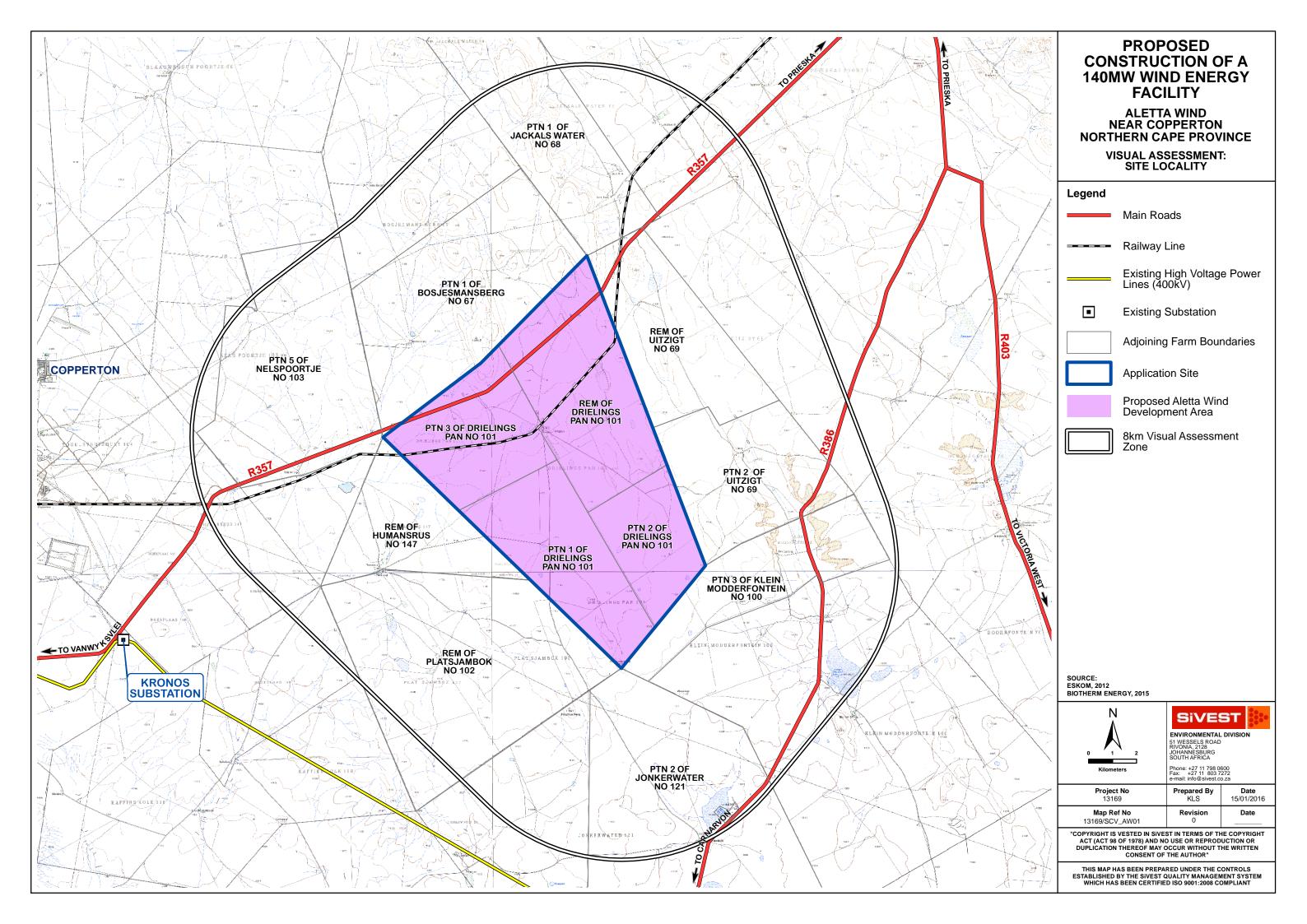
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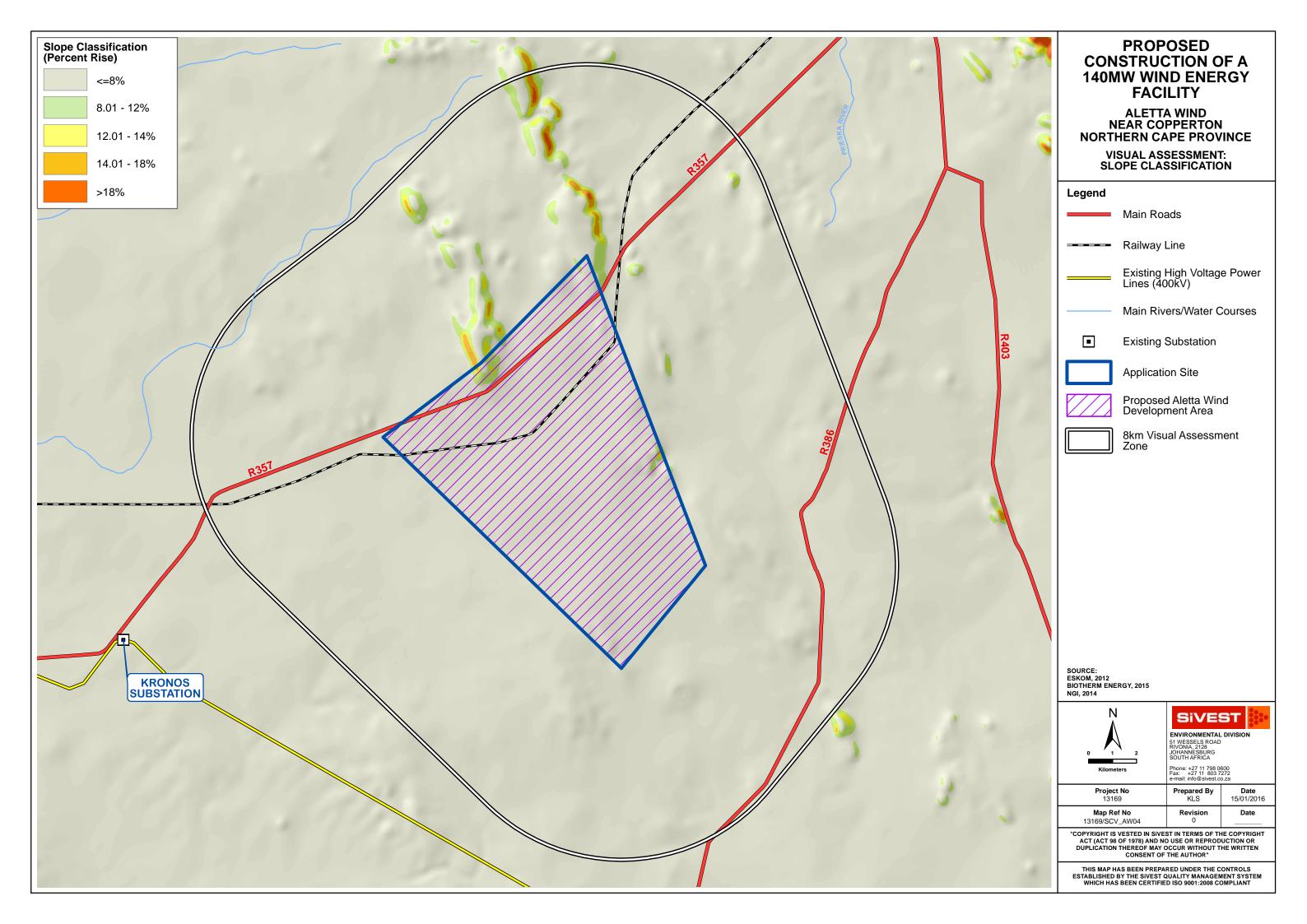


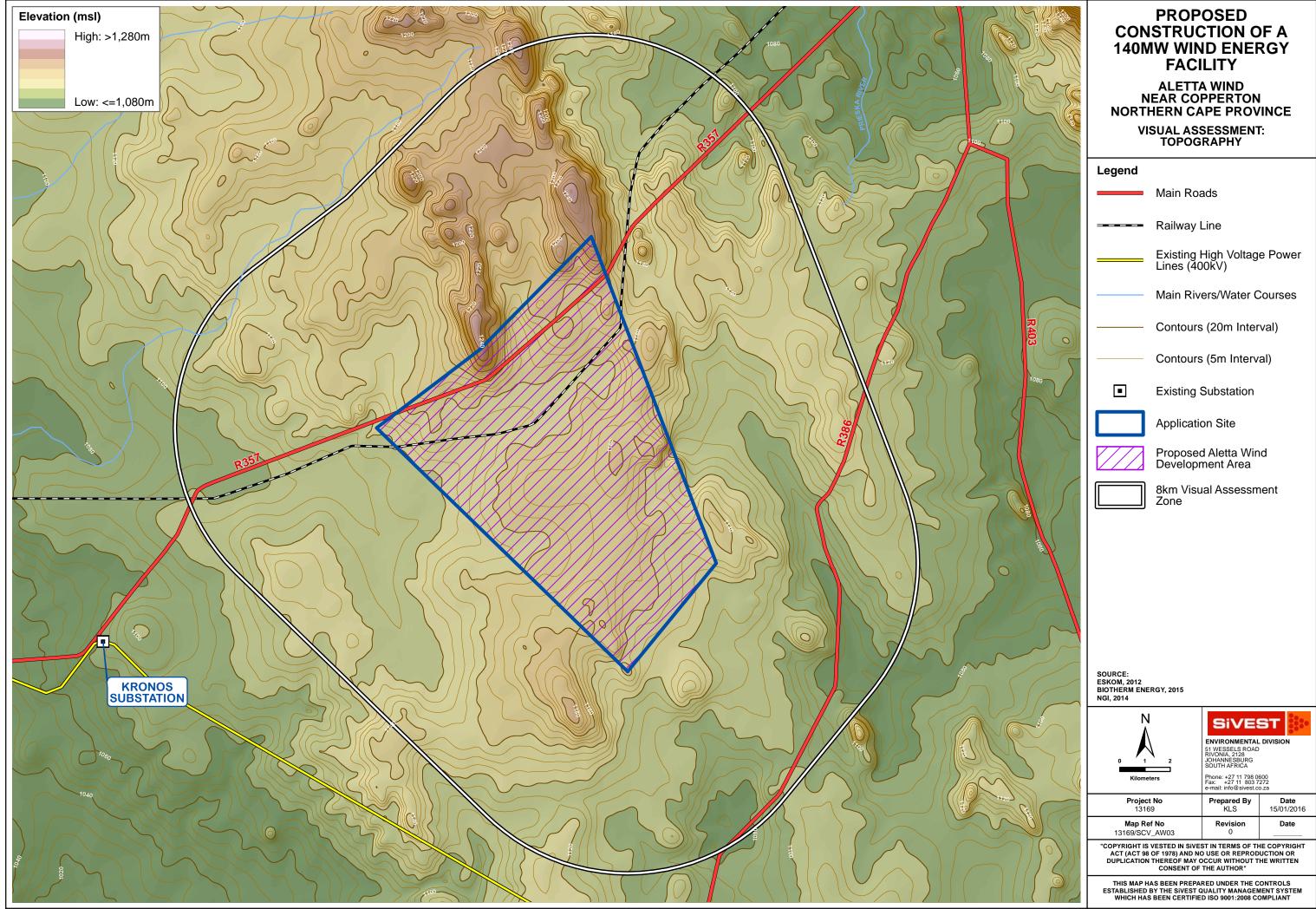




P. DOUGLAS	PROPOSED CONSTRUCTION OF A 140MW WIND ENERGY FACILITY ALETTA WIND NEAR COPPERTON NORTHERN CAPE PROVINCE VISUAL ASSESSMENT: REGIONAL CONTEXT			
18 18 10	Legend			
	J. J. L.	Local Mu	inicipal Bou	ndaries
1 day		National	Route (N10))
1 B		Main Roa	ads	
14-2		Railway		
		Existing l Lines (40	High Voltag 00kV)	e Power
		Main Riv	ers	
	۲	Main Tow	vns	
		Kronos N	ITS Substa	tion
TOM		Application	on Site	
TOMIDDELBURG		Proposed Developr	d Aletta Win ment Area	d
3.7		8km Visu Zone	al Assessm	ient
3	SOURCE: BIOTHERM ENE ESKOM, 2012 MUNICIPAL DEM NFEPA, 2011 NGI, 2014		ARD, 2011	
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Nº 4	0 3 6 Kilometers		ENVIRONMENTAL DIVISION 51 WESSELS ROAD RIVONIA, 2128 JOHANNESBURG SOUTH AFRICA	
and and			Phone: +27 11 798 0600 Fax: +27 11 803 7272 e-mail: info@sivest.co.za	
Elen.	Project 1316		Prepared By KLS	Date 15/01/2016
a state of a	Map Re	f No	Revision	Date
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	Main Roads
	Railway Line
	Existing High Voltage Power Lines (400kV)
	Main Rivers/Water Courses
	Contours (20m Interval)
	Contours (5m Interval)
∎	Existing Substation
	Application Site
	Proposed Aletta Wind Development Area
	8km Visual Assessment Zone

