













## **Appendix 5**

### **Maps**





**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
REGIONAL CONTEXT**


**Legend**

-  Provincial Boundary
-  Local Municipal Boundaries
-  National Routes
-  Main Arterial Routes
-  Main Roads
-  Secondary Roads
-  Railways
-  Main Towns
-  Mooiplaats Solar PV Application Site
-  Proposed On-Site Substations

SOURCE: MUNICIPAL DEMARCATION BOARD, 2011  
NGI, 2014



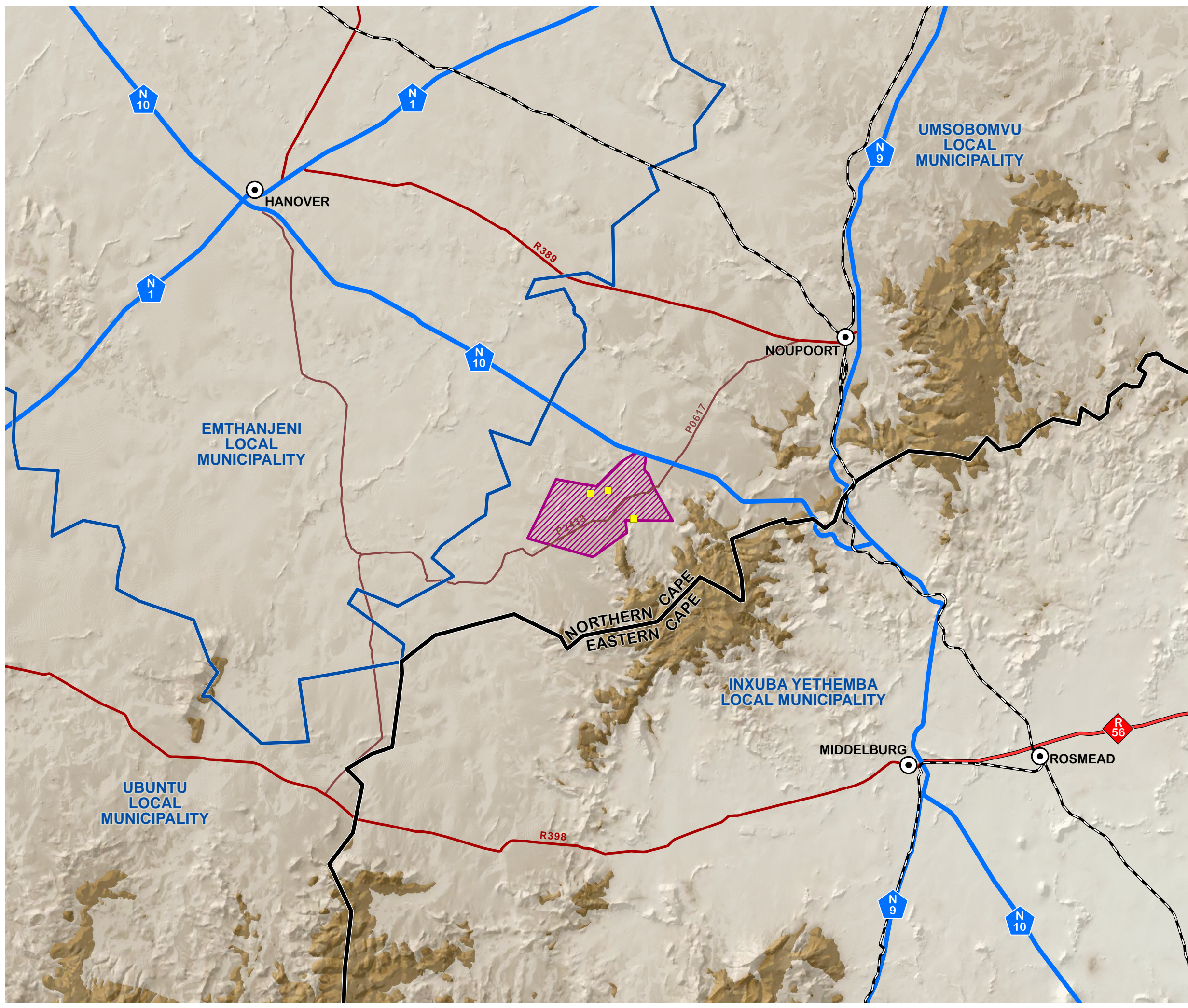
  


  
**ENVIRONMENTAL DIVISION**  
 51 WESSELS ROAD  
 RIVONIA, 2128  
 JOHANNESBURG  
 SOUTH AFRICA  
 Phone: +27 11 798 0600  
 Fax: +27 11 803 7272  
 e-mail: info@sivest.co.za

<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 05/11/2019
<b>Map Ref No</b> 15324/ME_01	<b>Revision</b> 0	<b>Date</b> 

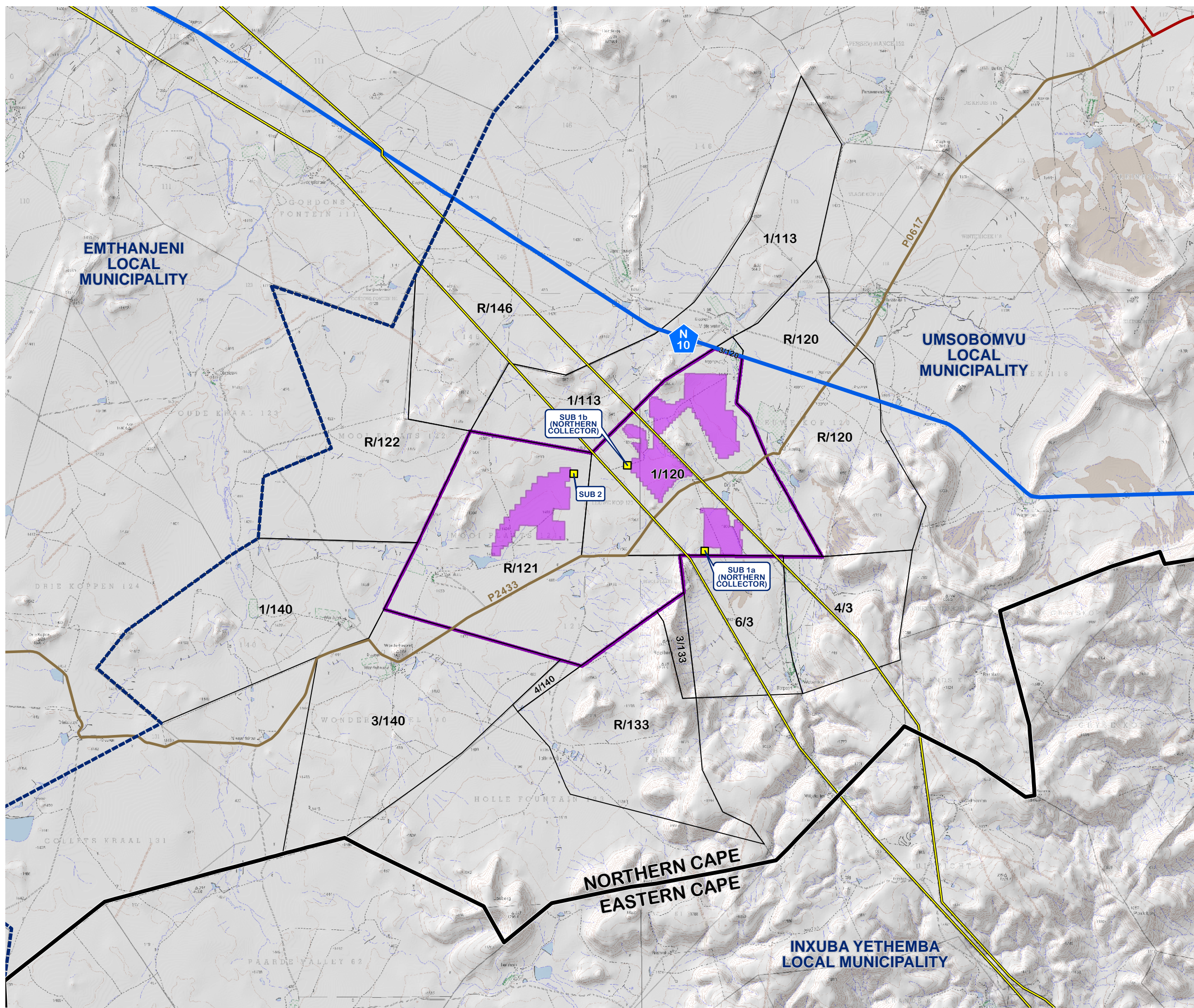
\*COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR\*

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT















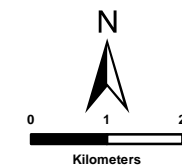
**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
SITE LOCALITY**



**Legend**

-  Main Towns
-  Provincial Boundary
-  Local Municipal Boundaries
-  National Route (N10)
-  Main Road
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Farm Portions
-  Mooi Plaats Solar PV Application Site
-  Proposed On-Site Substations

SOURCE:  
ESKOM, 2012  
MUNICIPAL DEMARCATION BOARD, 2016  
NGI, 2014



**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

Project No 15324	Prepared By KLS	Date 05/11/2019
Map Ref No 15324/ME_02	Revision 0	Date










"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT





**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
TOPOGRAPHY**

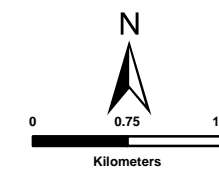
**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Contours (20m Interval)
-  Contours (5m Interval)
-  Mooiplaats Solar PV Application Site
-  PV Array Areas
-  Proposed On-Site Substations

**Elevation (msl)**

-  High: >1,800m
-  Low: <=1,400m

SOURCE:  
ESKOM, 2012  
NGI, 2014



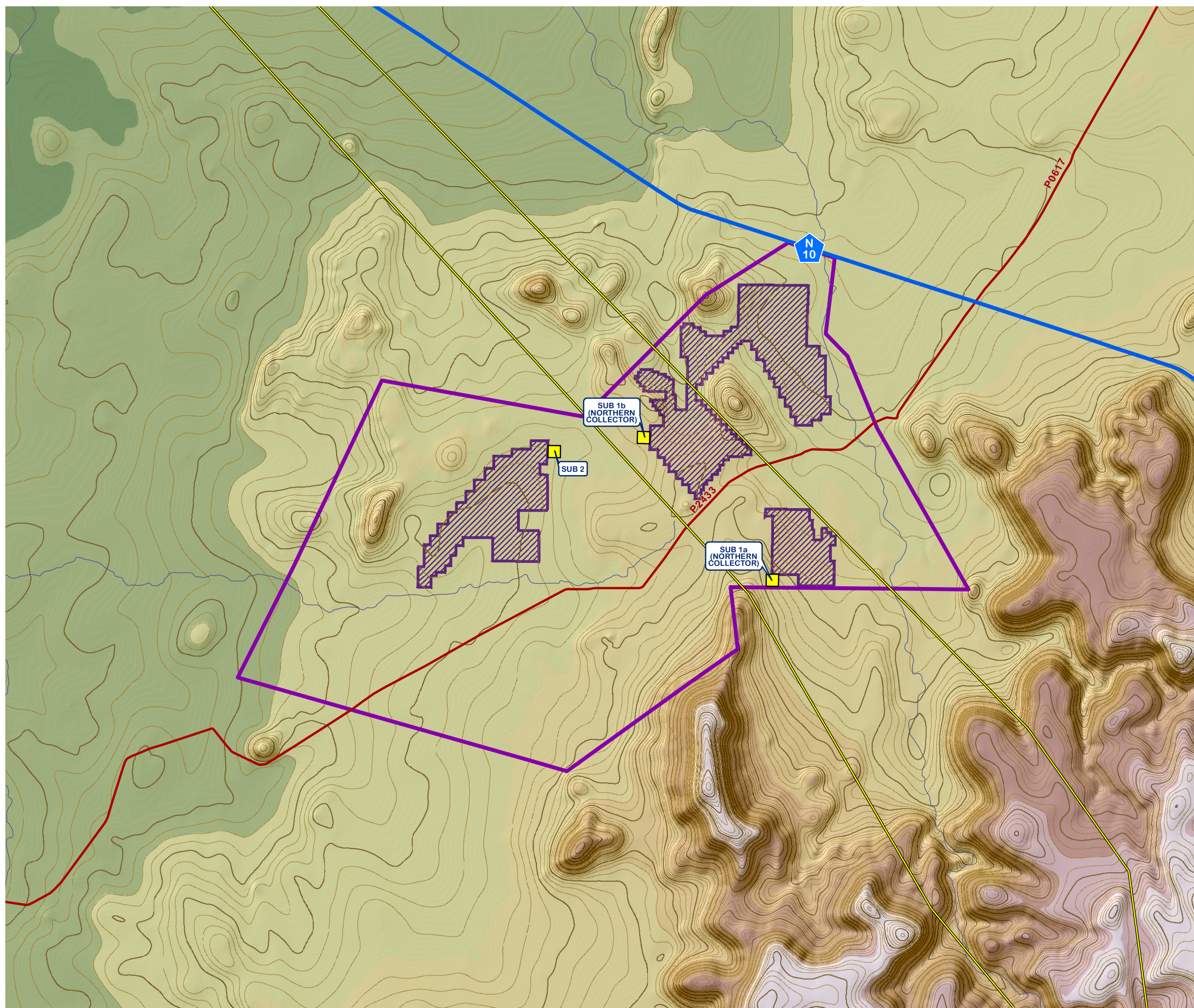
**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA

Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 05/11/2019
<b>Map Ref No</b> 15324/ME_03	<b>Revision</b> 0	<b>Date</b>

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

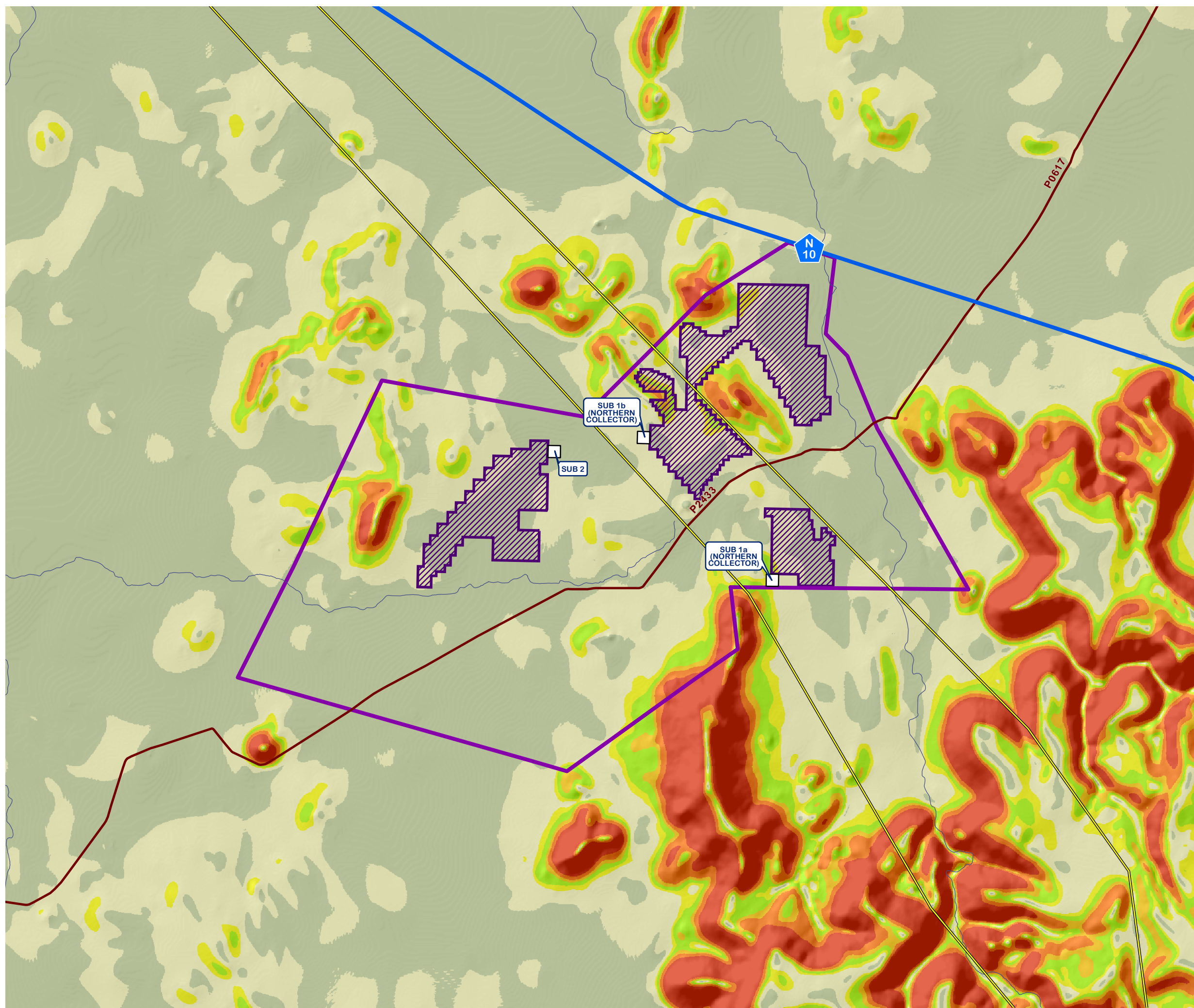
THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT














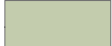






**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
SLOPE CLASSIFICATION**



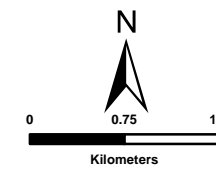
**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Mooiplaats Solar PV Application Site
-  PV Array Areas
-  Proposed On-Site Substations

**Slope Classification**

-  Flatter than 1:50
-  1:50 - 1:20
-  1:20 - 1:15
-  1:15 - 1:10
-  1:10 - 1:7.5
-  1:7.5 - 1:5
-  Steeper than 1:5

SOURCE:  
ESKOM, 2012  
NGI, 2014



**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA

Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 05/11/2019
<b>Map Ref No</b> 15324/ME_04	<b>Revision</b> 0	<b>Date</b> 








"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT

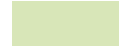



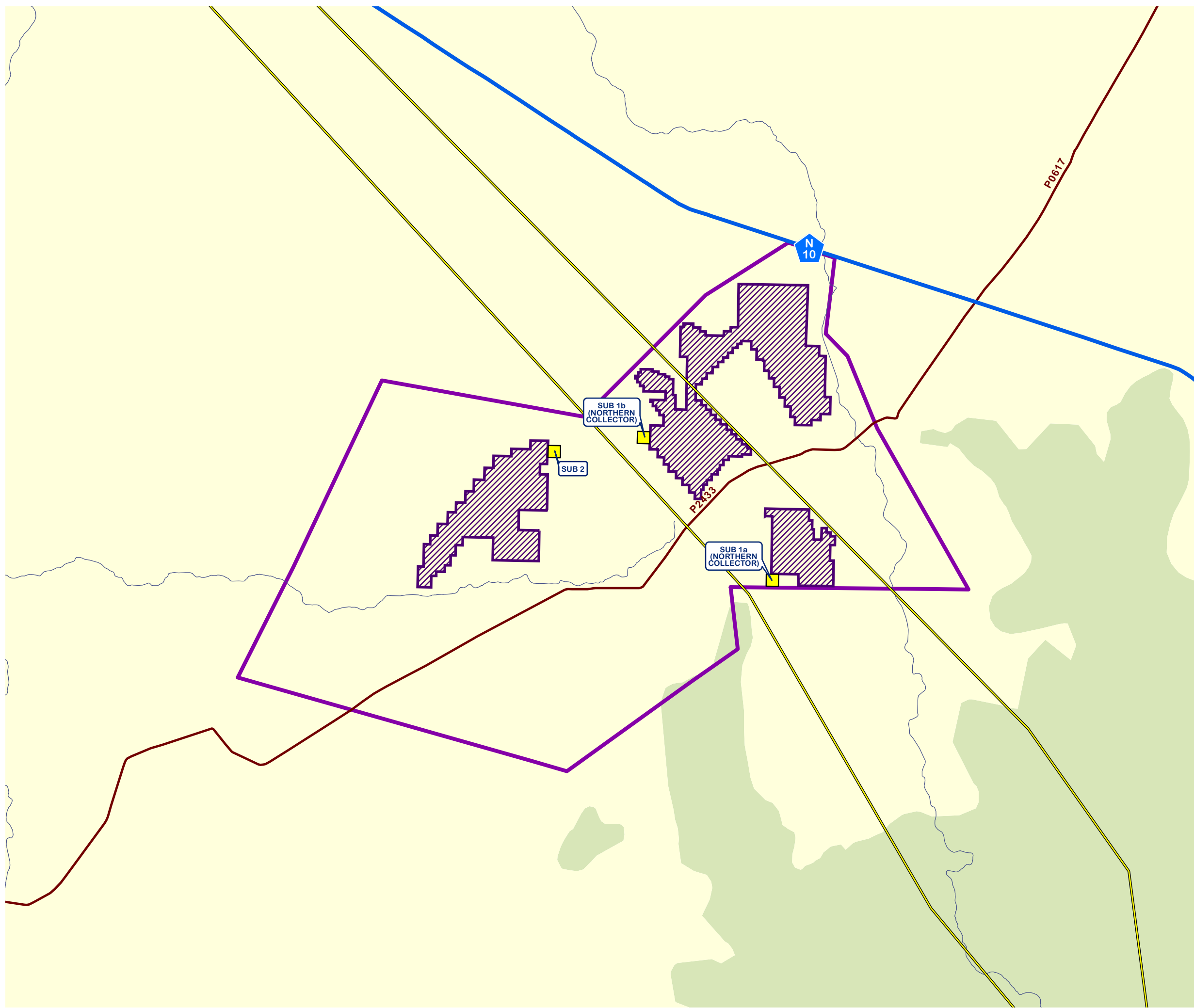
**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
VEGETATION CLASSIFICATION**

**Legend**

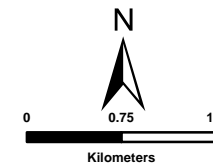
-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Mooiplaats Solar PV Application Site
-  PV Array Areas
-  Proposed On-Site Substations

**Vegetation Classification**

-  Besemkaree Koppies Shrubland
-  Eastern Upper Karoo



SOURCE:  
ESKOM, 2012  
NGI, 2014  
SANBI, 2012



**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA

Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 05/11/2019
<b>Map Ref No</b> 15324/ME_05	<b>Revision</b> 0	<b>Date</b> _____

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT



**Land Cover Classification**








-  Bare (None Vegetated)
-  Cultivation
-  Grassland
-  Low Shrubland
-  Mining
-  Thicket/Dense Bush
-  Waterbodies
-  Woodland/Open Bush

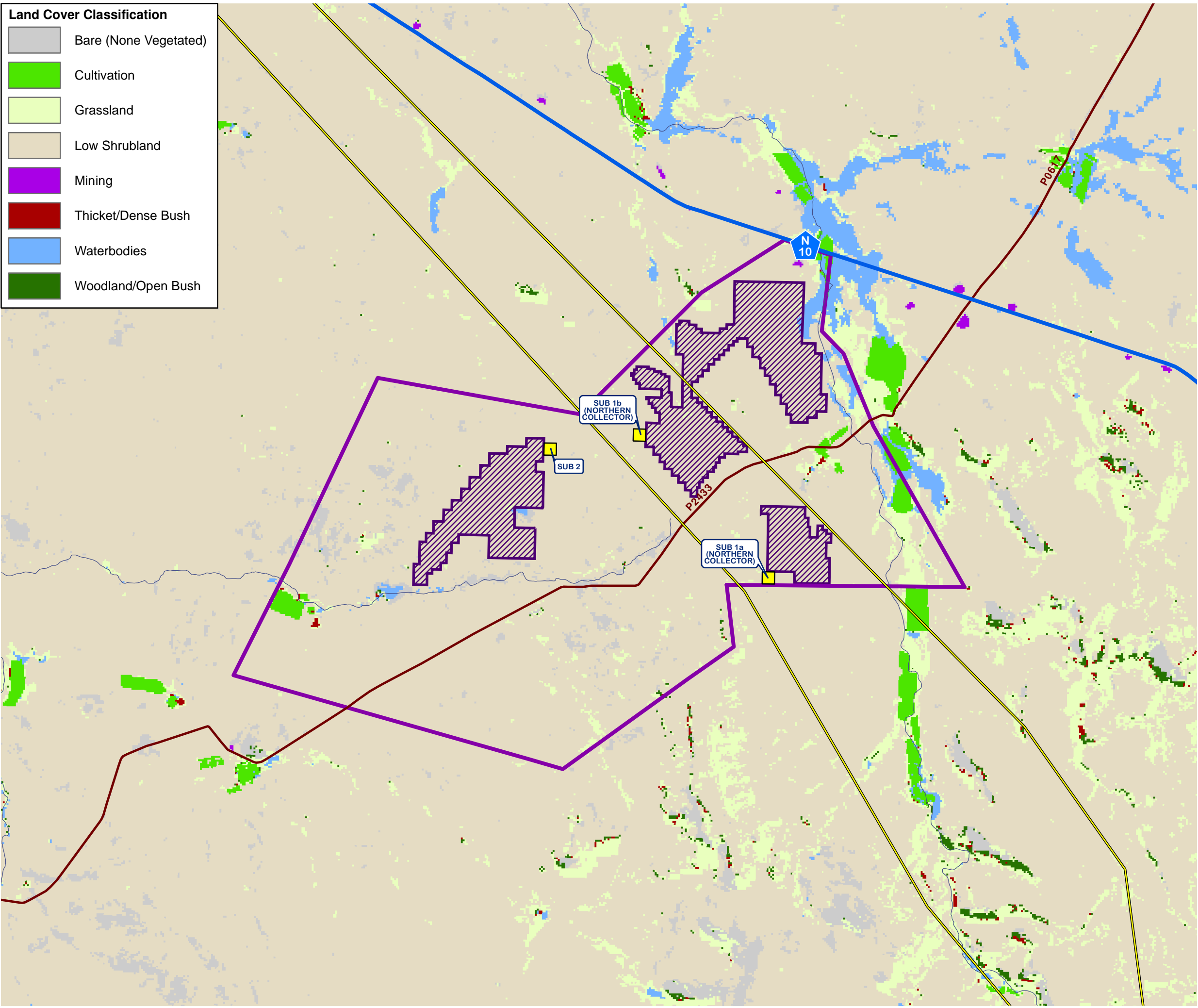
**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY**

**NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE**

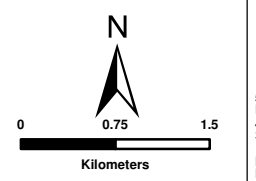
**BROAD LAND COVER  
CLASSIFICATION**

**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Mooiplaats Solar PV Application Site
-  PV Array Areas
-  Proposed On-Site Substations



SOURCE:  
ESKOM, 2012  
NGI, 2014  
2013-2014 SA NATIONAL LAND COVER  
(© GEOTERRAIMAGE - 2014)



**SIVEST**

**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA

Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

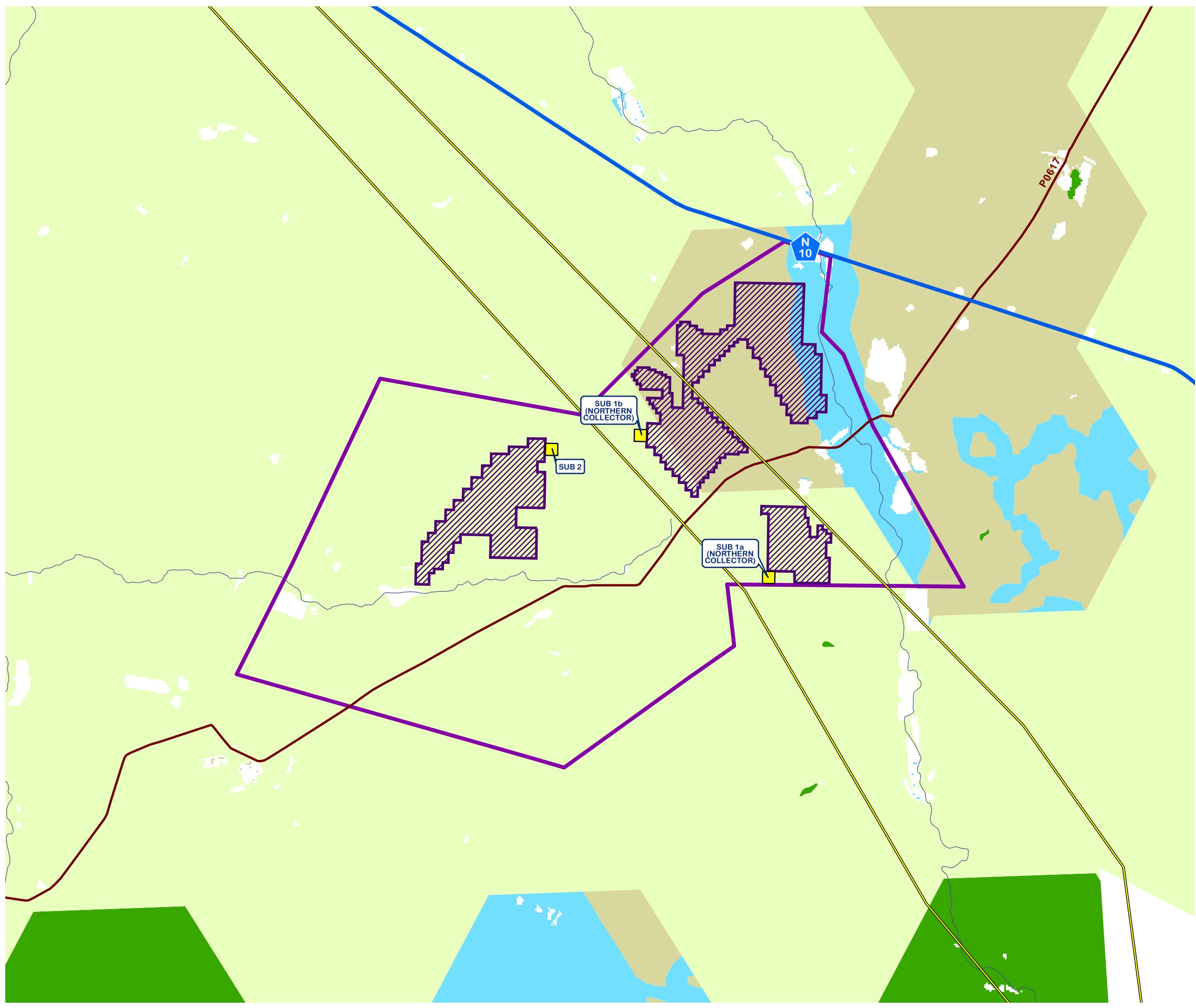
<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 05/11/2019
<b>Map Ref No</b> 15324/ME_06	<b>Revision</b> 0	<b>Date</b> _____

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"







THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT



**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
CRITICAL BIODIVERSITY AREAS**



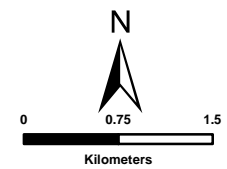
**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Mooiplaats Solar PV Application Site
-  PV Array Areas
-  Proposed On-Site Substations

**CBA Classification (Northern Cape)**

-  Critical Biodiversity Area One
-  Critical Biodiversity Area Two
-  Ecological Support Area
-  Other Natural Areas

SOURCE:  
ESKOM, 2012  
NGI, 2014  
NORTHERN CAPE DEPT OF ENVIRONMENT AND  
CONSERVATION, 2016



**SIVEST**  
ENVIRONMENTAL DIVISION  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

Project No 15324	Prepared By KLS	Date 05/11/2019
Map Ref No 15324/ME_07	Revision 0	Date

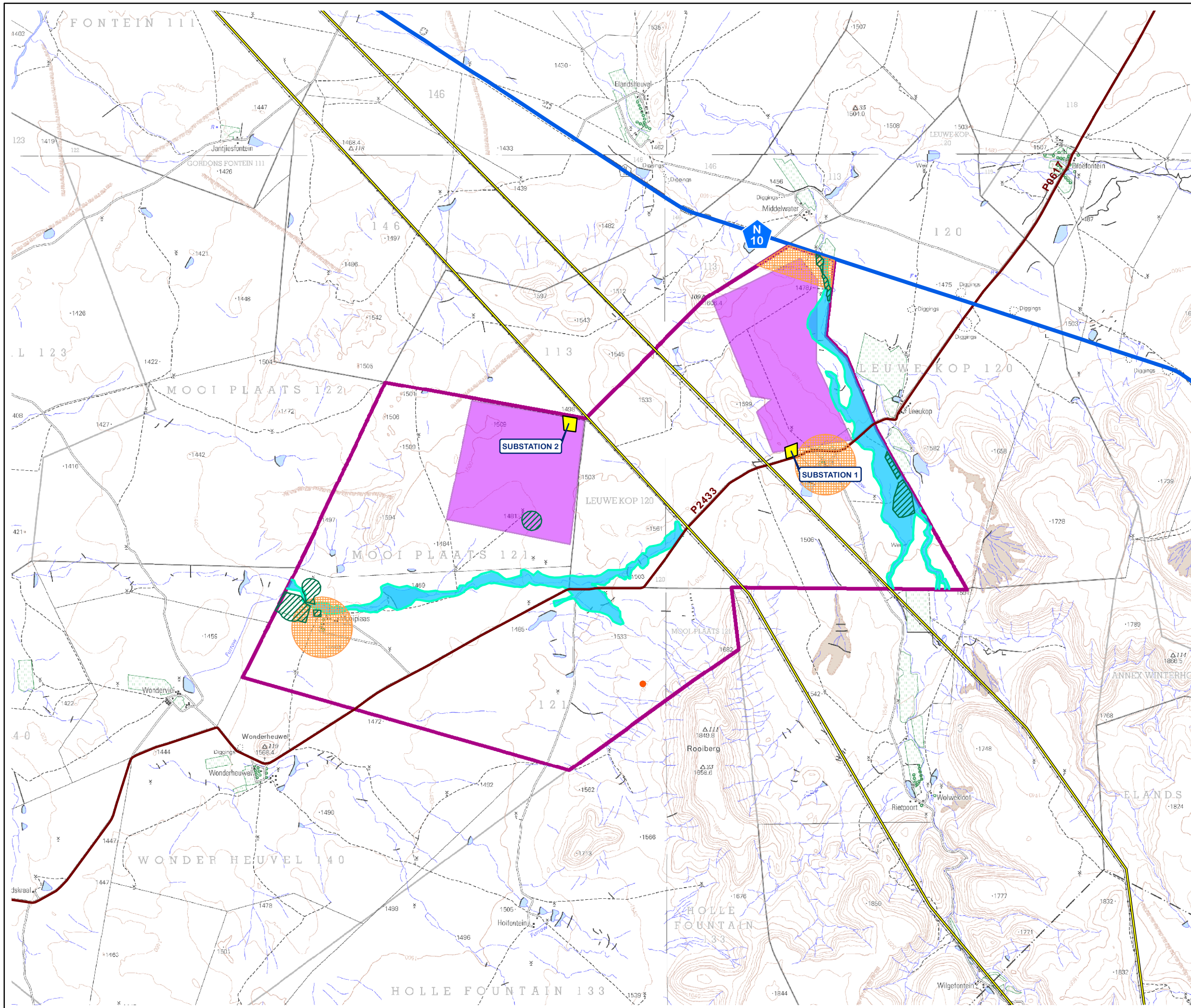
"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT
















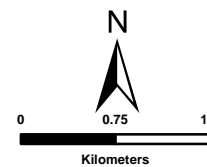
**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
PRELIMINARY LAYOUT**



**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Mooiplaats Solar PV Application Site
-  Preliminary PV Development Area
-  Proposed On-Site Substations
- Environmental Sensitivity**
-  Agricultural 'No-Go' Areas
-  Palaeontology 'No-Go' Areas
-  Visual 'No-Go' Areas
-  Perennial Water Courses
-  Perennial Water Course Buffers (15m)

SOURCE:  
ESKOM, 2012  
NGI, 2014



**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

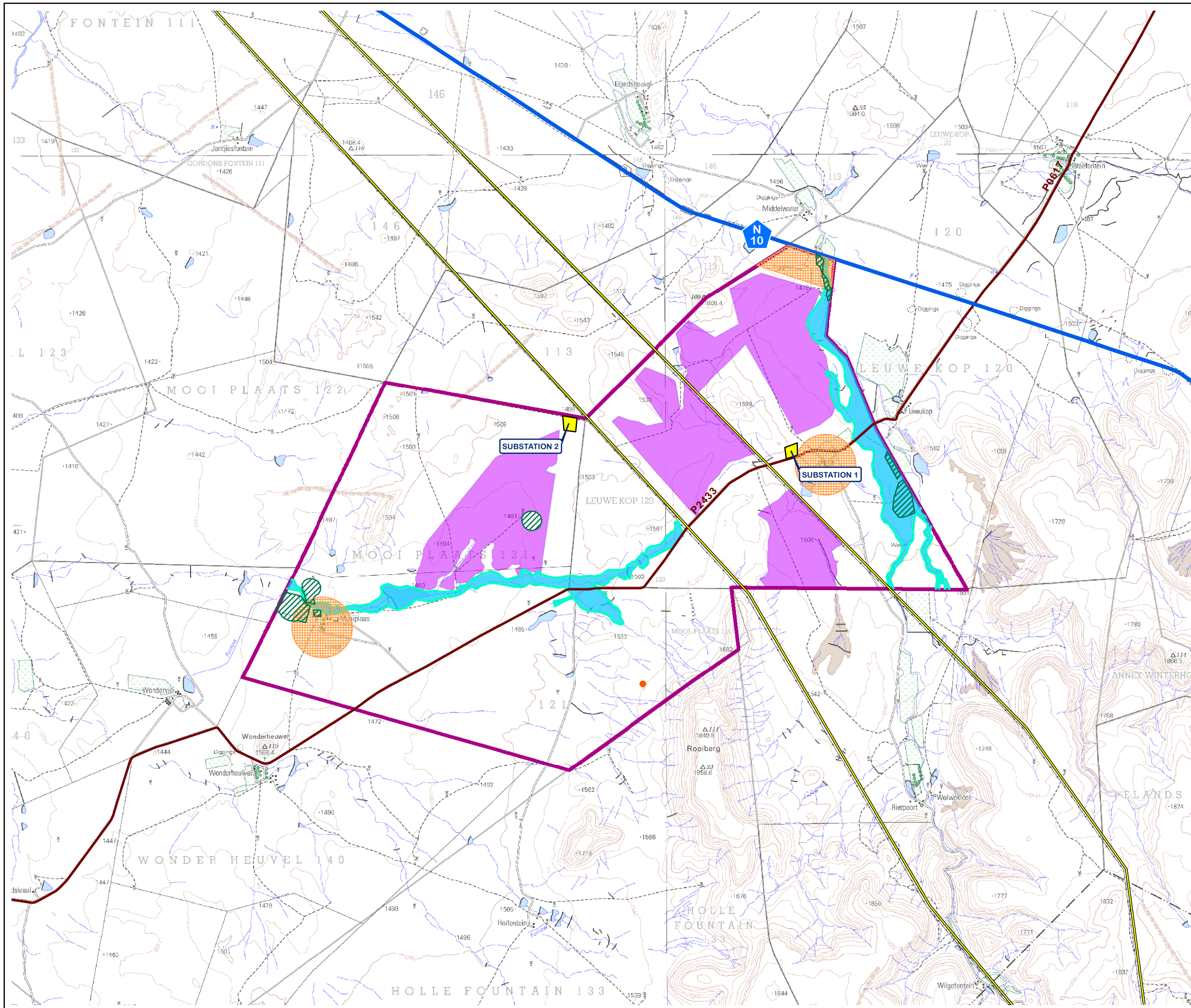
<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 09/07/2019
<b>Map Ref No</b> 15324/MSC_08	<b>Revision</b> 0	<b>Date</b>

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"












THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2008 COMPLIANT



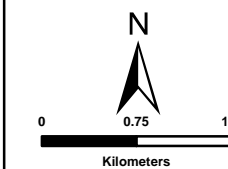
**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
PROPOSED LAYOUT**



**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Mooiplaats Solar PV Application Site
-  Proposed PV Development Area
-  Proposed On-Site Substations
- Environmental Sensitivity**
-  Agricultural 'No-Go' Areas
-  Palaeontology 'No-Go' Areas
-  Visual 'No-Go' Areas
-  Perennial Water Courses
-  Perennial Water Course Buffers (15m)

SOURCE:  
ESKOM, 2012  
NGI, 2014



**ENVIRONMENTAL DIVISION**  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

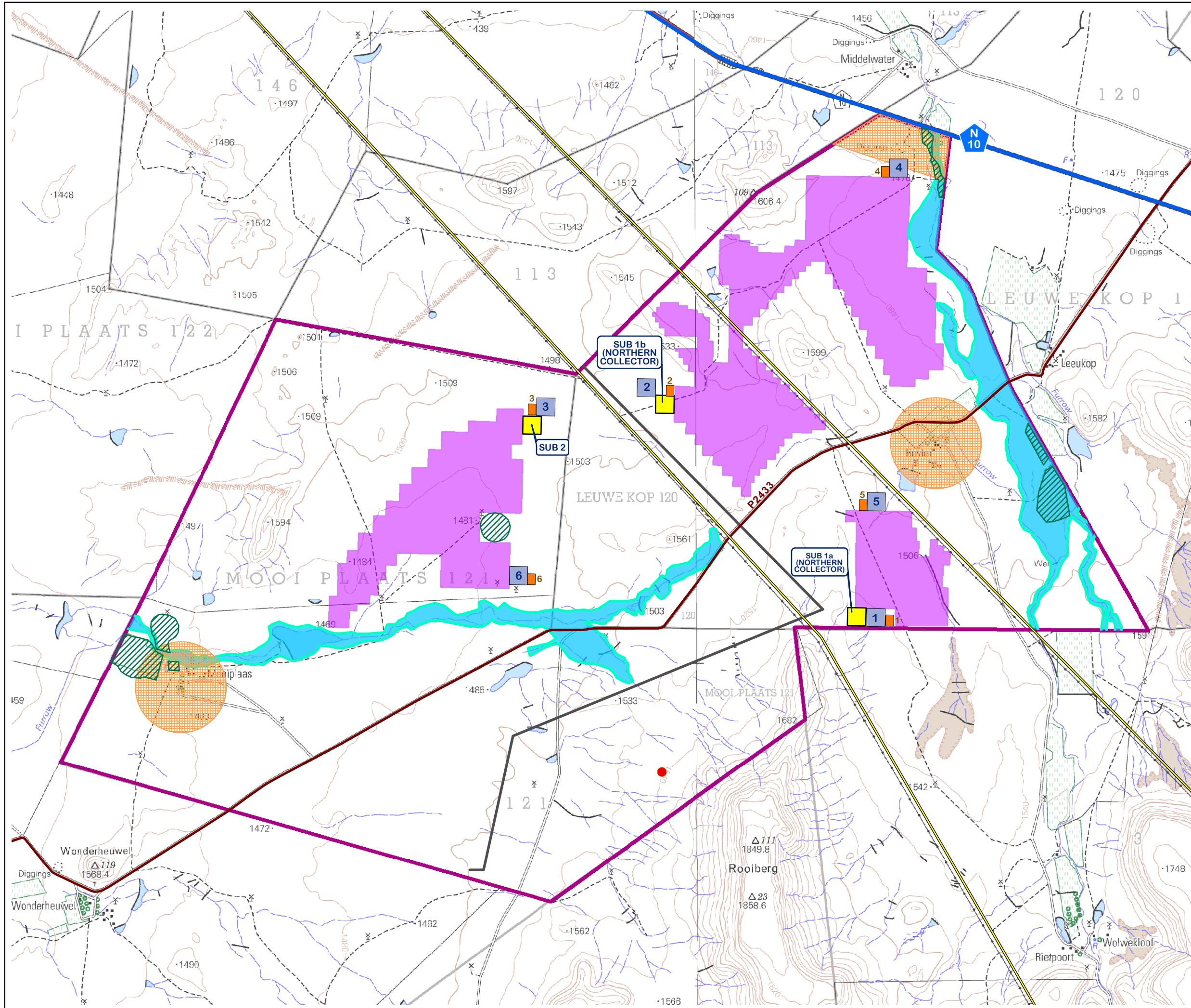
<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 09/07/2019
<b>Map Ref No</b> 15324/MSC_09	<b>Revision</b> 1	<b>Date</b> 16/08/2019

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2008 COMPLIANT



**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY**  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
PROPOSED LAYOUT  
ALTERNATIVES



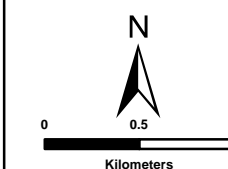
**Legend**

- National Route (N10)
- Secondary Roads
- Existing High Voltage Power Lines (400kV)
- Mooiplaats Solar PV Application Site
- Proposed PV Layout Components**
  - PV Array Areas
  - On-Site Substations
  - Laydown Area Alternatives
  - O&M Site Alternatives
  - Internal Road Network

**Environmental Sensitivity**

- Agricultural 'No-Go' Areas
- Palaeontology 'No-Go' Areas
- Visual 'No-Go' Areas
- Perennial Water Courses
- Perennial Water Course Buffers (15m)

SOURCE:  
ESKOM, 2012  
NGI, 2014



**ENVIRONMENTAL DIVISION**  
51 WESELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

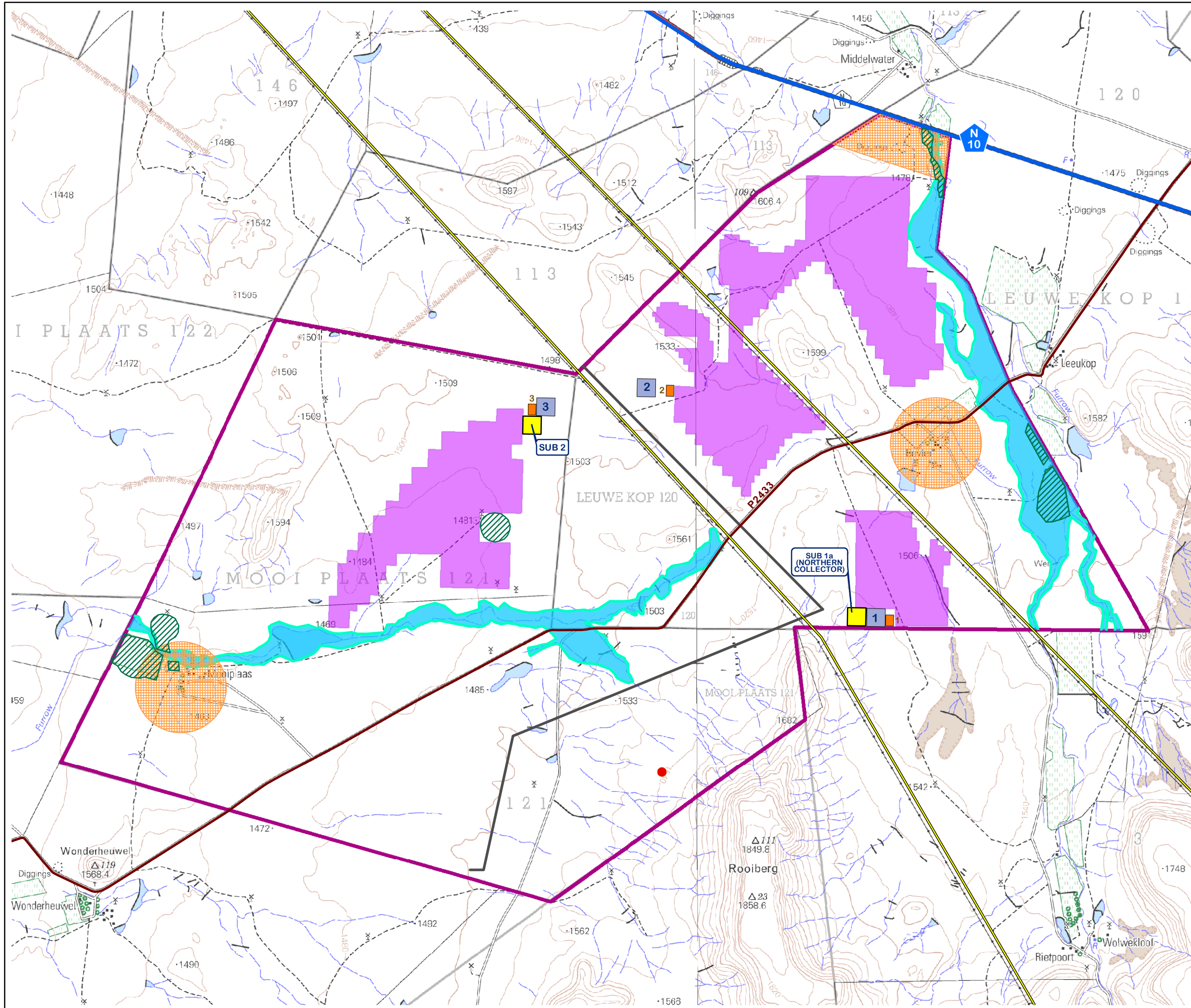
<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 05/11/2019
<b>Map Ref No</b> 15324/ME_08	<b>Revision</b> 0	<b>Date</b>

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"















THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT



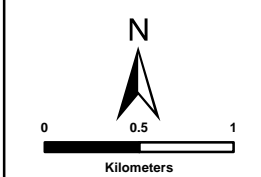
**PROPOSED  
CONSTRUCTION OF THE  
MOOI PLAATS SOLAR  
PHOTOVOLTAIC (PV)  
ENERGY FACILITY**  
NEAR NOUPOORT,  
NORTHERN CAPE PROVINCE  
**PREFERRED LAYOUT  
ALTERNATIVES**



**Legend**

-  National Route (N10)
-  Secondary Roads
-  Existing High Voltage Power Lines (400kV)
-  Mooi Plaats Solar PV Application Site
- Preferred PV Layout Components**
-  PV Array Areas
-  On-Site Substations
-  Laydown Area Alternatives
-  O&M Site Alternatives
-  Internal Road Network
- Environmental Sensitivity**
-  Agricultural 'No-Go' Areas
-  Palaeontology 'No-Go' Areas
-  Visual 'No-Go' Areas
-  Perennial Water Courses
-  Perennial Water Course Buffers (15m)

SOURCE:  
ESKOM, 2012  
NGI, 2014



**ENVIRONMENTAL DIVISION**  
51 WESELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 19/11/2019
<b>Map Ref No</b> 15324/ME_09	<b>Revision</b> 0	<b>Date</b>

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"










THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT

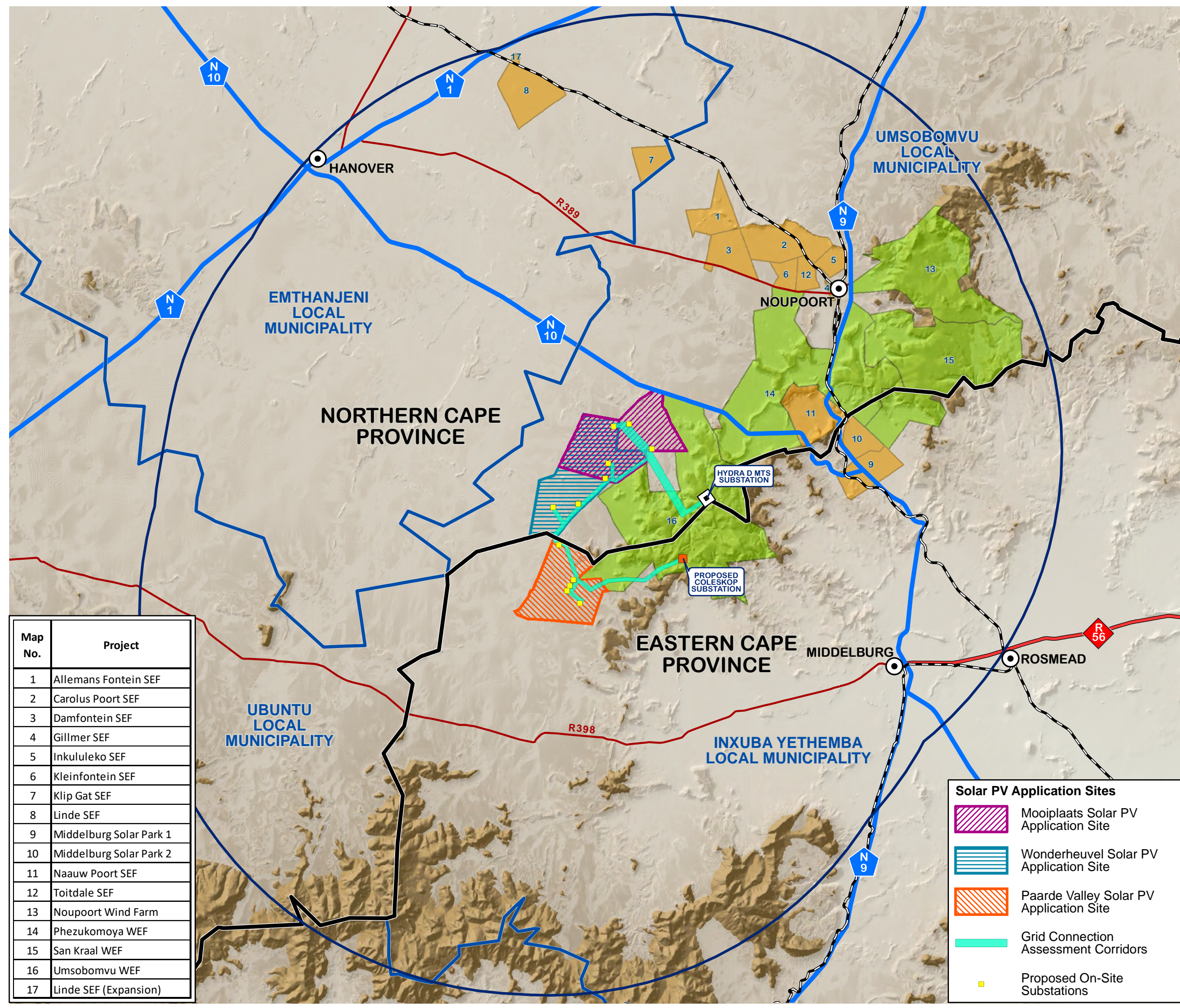




**PROPOSED  
CONSTRUCTION OF THREE  
SOLAR PHOTOVOLTAIC (PV)  
ENERGY FACILITIES  
NEAR NOUPOORT,  
NORTHERN AND EASTERN  
CAPE PROVINCES  
RENEWABLE ENERGY PROJECTS  
(EXISTING AND PROPOSED)**






**Legend**

-  Local Municipal Boundaries
  -  National Routes
  -  Main Arterial Routes
  -  Main Roads
  -  Railways
  -  Main Towns
  -  35km Radius
- Renewable Energy Application Sites**
-  Solar
  -  Wind






Map No.	Project
1	Allemans Fontein SEF
2	Carolus Poort SEF
3	Damfontein SEF
4	Gillmer SEF
5	Inkululeko SEF
6	Kleinfontein SEF
7	Klip Gat SEF
8	Linde SEF
9	Middelburg Solar Park 1
10	Middelburg Solar Park 2
11	Naauw Poort SEF
12	Toitdale SEF
13	Noupoort Wind Farm
14	Phezukomoya WEF
15	San Kraal WEF
16	Umsobomvu WEF
17	Linde SEF (Expansion)

**Solar PV Application Sites**

-  Mooiplaats Solar PV Application Site
-  Wonderheuvel Solar PV Application Site
-  Paarde Valley Solar PV Application Site
-  Grid Connection Assessment Corridors
-  Proposed On-Site Substations

**SOURCE:**  
DEA, 2018  
MUNICIPAL DEMARCATION BOARD, 2011  
NGI, 2014

  
  
 Kilometers

  
**ENVIRONMENTAL DIVISION**  
 51 WESSELS ROAD  
 RIVONIA, 2128  
 JOHANNESBURG  
 SOUTH AFRICA  
 Phone: +27 11 798 0600  
 Fax: +27 11 803 7272  
 e-mail: info@sivest.co.za






Project No 15324	Prepared By KLS	Date 05/11/2019
Map Ref No 15324/ERE_01	Revision 0	Date

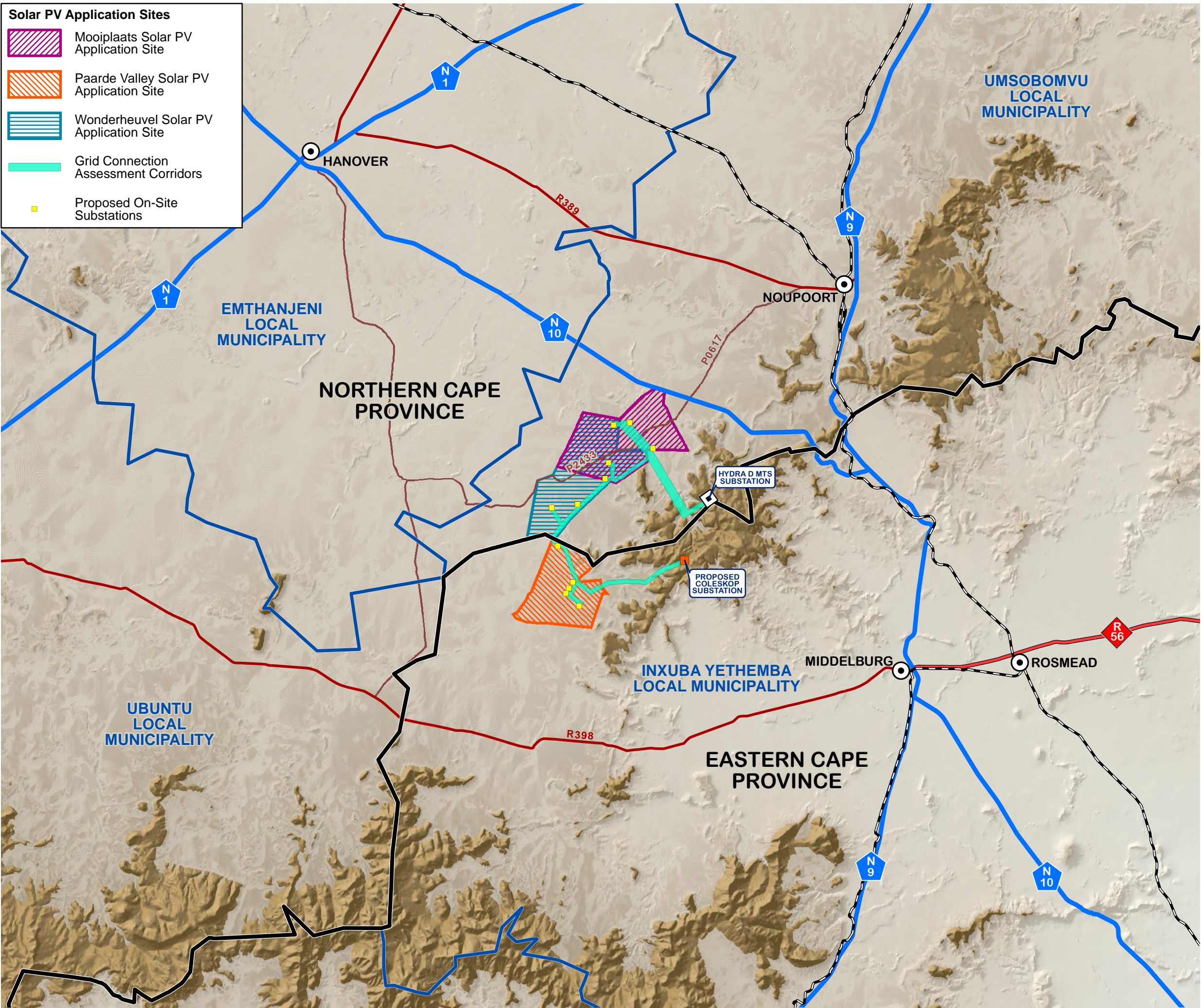
\*COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR\*

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2008 COMPLIANT













**Solar PV Application Sites**

-  Mooiplaats Solar PV Application Site
-  Paarde Valley Solar PV Application Site
-  Wonderheuvél Solar PV Application Site
-  Grid Connection Assessment Corridors
-  Proposed On-Site Substations



**PROPOSED CONSTRUCTION OF THREE SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITIES NEAR NOUPOORT, NORTHERN AND EASTERN CAPE PROVINCES REGIONAL CONTEXT**

**Legend**

-  Provincial Boundary
-  Local Municipal Boundaries
-  National Routes
-  Main Arterial Routes
-  Main Roads
-  Secondary Roads
-  Railways
-  Main Towns
-  Hydra D MTS Substation
-  Proposed Coleskop WEF Substation

SOURCE: MUNICIPAL DEMARCATION BOARD, 2011  
NGI, 2014



**SIVEST**  
ENVIRONMENTAL DIVISION  
51 WESSELS ROAD  
RIVONIA, 2128  
JOHANNESBURG  
SOUTH AFRICA  
Phone: +27 11 798 0600  
Fax: +27 11 803 7272  
e-mail: info@sivest.co.za

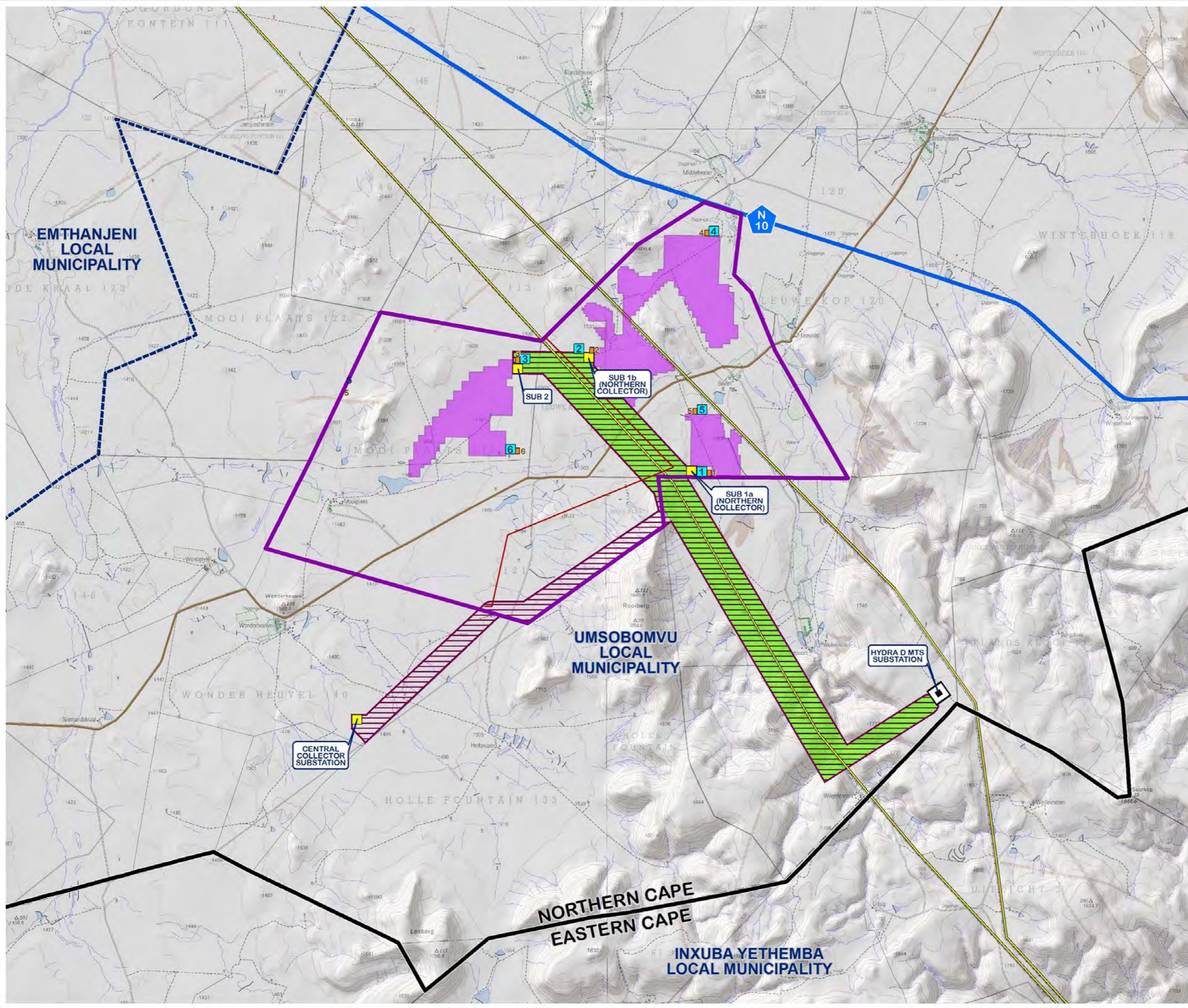
Project No 15324	Prepared By KLS	Date 05/11/2019
Map Ref No 15324/EIA_01	Revision 0	Date

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

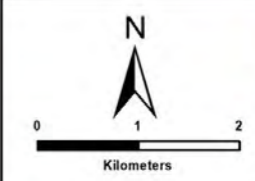
THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2008 COMPLIANT



**PROPOSED  
CONSTRUCTION OF THREE  
SOLAR PHOTOVOLTAIC (PV)  
ENERGY FACILITIES  
NEAR NOUPOORT,  
NORTHERN AND EASTERN  
CAPE PROVINCES  
MOOI PLAATS PROJECT**



- Legend**
- Main Towns
  - Provincial Boundary
  - Local Municipal Boundaries
  - National Route (N10)
  - Secondary Roads
  - Existing High Voltage Power Lines (400kV)
  - Hydra D MTS Substation
  - Mooiplaats Solar PV Application Site
- Proposed PV Layout Components**
- PV Array Areas
  - Laydown Area Alternatives
  - O&M Site Alternatives
  - Internal Road Network
- Proposed Grid Connection**
- Power Line Corridor Option 1
  - Power Line Corridor Option 2
  - Substations



**SIVEST**  
**ENVIRONMENTAL DIVISION**  
 51 WESSELS ROAD  
 RIVONIA, 2128  
 JOHANNESBURG  
 SOUTH AFRICA  
 Phone: +27 11 798 0600  
 Fax: +27 11 803 7272  
 e-mail: info@sivest.co.za

<b>Project No</b> 15324	<b>Prepared By</b> KLS	<b>Date</b> 31/10/2019
<b>Map Ref No</b> 15324/ESP_01a	<b>Revision</b> 0	<b>Date</b>

"COPYRIGHT IS VESTED IN SIVEST IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM WHICH HAS BEEN CERTIFIED ISO 9001:2015 COMPLIANT

