SOUTH AFRICA
ZEERUST

Proposed 75MW Photovoltaic, Renewable Energy, Solar Facility & Associated Power Lines on Portion 15 of the Farm 271-JS (Area B) and on the Farm Kruisrivier no 270 (Area C)

PROPOSED SITE PLAN (B)

N
W E
S

Survey system: WGS LO 27°
Constants: Y 0.00 X 0.00

SCALE 1 :5000

SITE INFORMATION
Area Estimate
Construction & Operation - 188,6ha
Section 1 Operation Phase (Gridded) - 148,2ha
Section 2 Construction - 8,6ha
Section 3 Operation Site - 4,7ha
22kv Overland Powerline - 704m

Proposed Boundary Points	Co-Ordinates	
	Y	X
A	94525.623	2830391.528
B	94416.270	2830223.763
C	94290.903	2830123.069
D	94245.891	2830060.385
E	94184.541	2829895.007
F	94180.206	2829809.650
G	94082.846	2829680.282
H	93984.486	2829602.928
I	93984.486	2829534.242
J	93918.802	2829432.881
K	93850.116	2829374.866
L	93790.767	2829390.870
M	93725.416	2829485.562
N	93627.667	2829596.982
O	93653.230	2829523.184
P	93719.025	2829390.703
Q	93730.067	2829357.171
R	93022.242	2829152.950
S	92877.706	2829591.650
T	93072.870	2829712.720
U	92984.717	2829877.933
V	92816.134	2829774.700
W	92660.479	2829784.783
X	92937.648	2829968.547
Y	92864.096	2830110.144
Z	92472.160	2830111.111
ZA	92256.558	2830503.227
ZB	93051.113	2830700.219
ZC	93135.772	2830695.723

Proposed Gridded Area	Co-Ordinates	
	Y	X
1	93024.86	2829162
2	92901.05	2829521
3	93065.39	2829569
4	93143.14	2829727
5	93099.32	2829865
6	93099.32	2830127
7	92800.07	2830281
8	93135.77	2830696
9	94513.09	2830394
10	94407.26	2830232
11	94235.20	2830066
12	94168.41	2829814
13	93972.49	2829609
14	93968.38	2829538
15	93822.66	2829395
16	93713.03	2829370
17	93634.18	2829631

- Railway
- Overhead Powerline
- Overhead Powerline with Pylons
- Fence with gate
- Gravel Road
- National Road
- 20m Servitudes
- Buffer / No Go Zone
- Boundary
- Water Reservoir tank
- Boreholes
- Fire Extinguishers
- Radio Tower
- Heritage Sites / 20m Buffer
- Water Course
- Trig Beacons
- Survey Station

LAST UPDATED:

DATE:	NAME:	SIGNATURE:
26/11/2013	Frank Mc Alister	

femcotech
MINERAL RESOURCE MANAGEMENT

Y 95500 Y 95000 Y 94500 Y 94000 Y 93500 Y 93000 Y 92500 Y 92000 Y 91500 Y 91000

X 2828000 X 2828500 X 2829000 X 2829500 X 2830000 X 2830500 X 2831000

271/29 271/28 271/2 271/12 271/1 271/27 271/14 271/20 271/1 271/30 272 271/15 277 277/2 270/15 270/14

R49 N4

MARICO 54
1221

SECTION 1
PROPOSED OPERATION
SITE

SECTION 2
PROPOSED CONSTRUCTION SITE

SECTION 3
PROPOSED
OPERATION SITE

SITE 11
SITE 12
SITE 13
SITE 14/15

MONTGOMERYS
1279

Dam
Dam

No Go Zone for
Conservation
No Go Zone for
Conservation

50m Buffer from
NO GO Zone
50m Buffer from
NO GO Zone

32m Buffer from
High Water
Mark

40m Buffer Zone
from Boundary

40m from
Powerline
40m from
Powerline
40m from
Powerline

Existing Housing
Existing Housing
Informal Settlement

ESKOM SUB-STATION

88/33KV
INTERNAL
SUB STATION

SUB CONTRACTOR CAMP

Workshop
SITE OFFICE
UNDERGROUND CABLING
CENTRAL INVERTOR
Topsoil

MAIN GATE/SECURITY OFFICES
ADMIN OFFICES

10m from
Boundary

WASTE AREA

MATERIAL LAYDOWN AREA

CONTRACTORS ENTRANCE/SECURITY OFFICES

isinweGPS
surveys