


Plan 1

Copper Sunset Trading 324 (Pty) Ltd

Regional Setting


- ### Legend
- Washing Plant
 - Copper Sunset Trading
 - Lethabo Power Station
 - Capital City
 - Major Town
 - Secondary Town
 - Other Town
 - Settlement
 - National / Arterial Route
 - Main Road
 - Railway Line
 - Non-Perennial Stream
 - Perennial Stream
 - Dam Wall
 - Dam / Lake




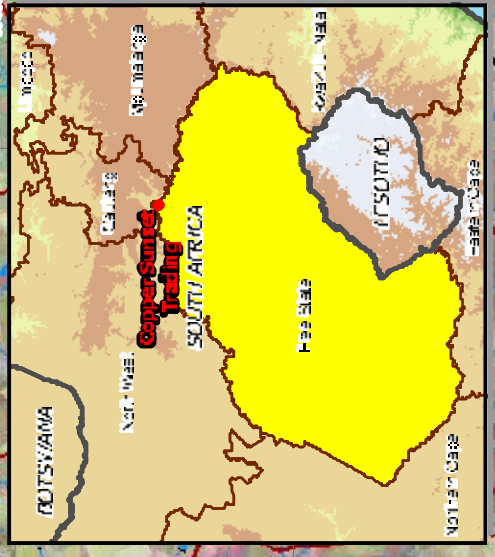
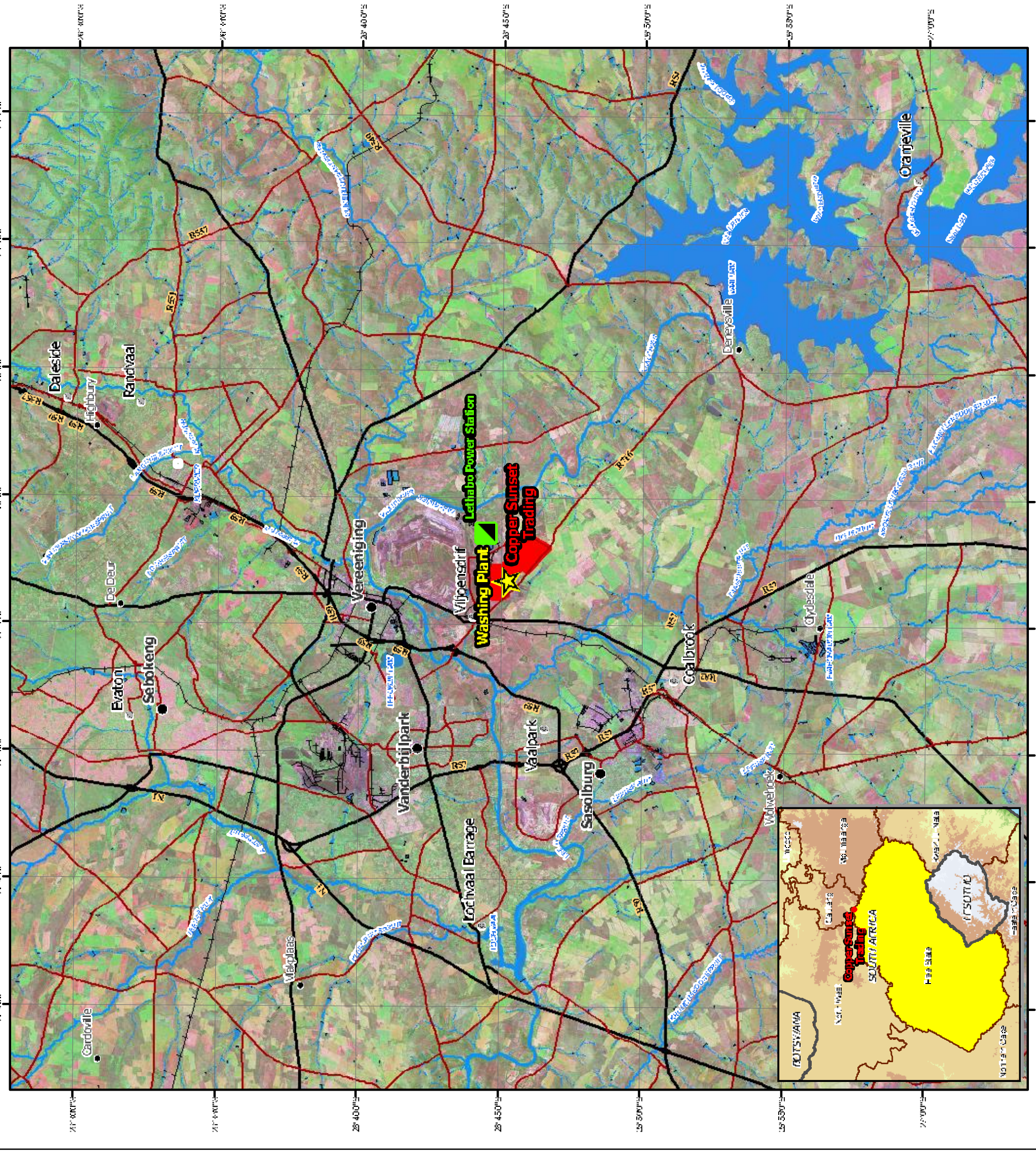
Tel: +27 11 924 8145

Ref: 7.803 CC/1647/2010/04/041
Revision Number: 1
Date: 06/08/2010

Projection: Transverse Mercator
Datum: Randersbock, 1994
Central Meridian: 27°E



Kilometres
1:250,000

Copper Sunset Trading 324 (Pty) Ltd

Land Tenure

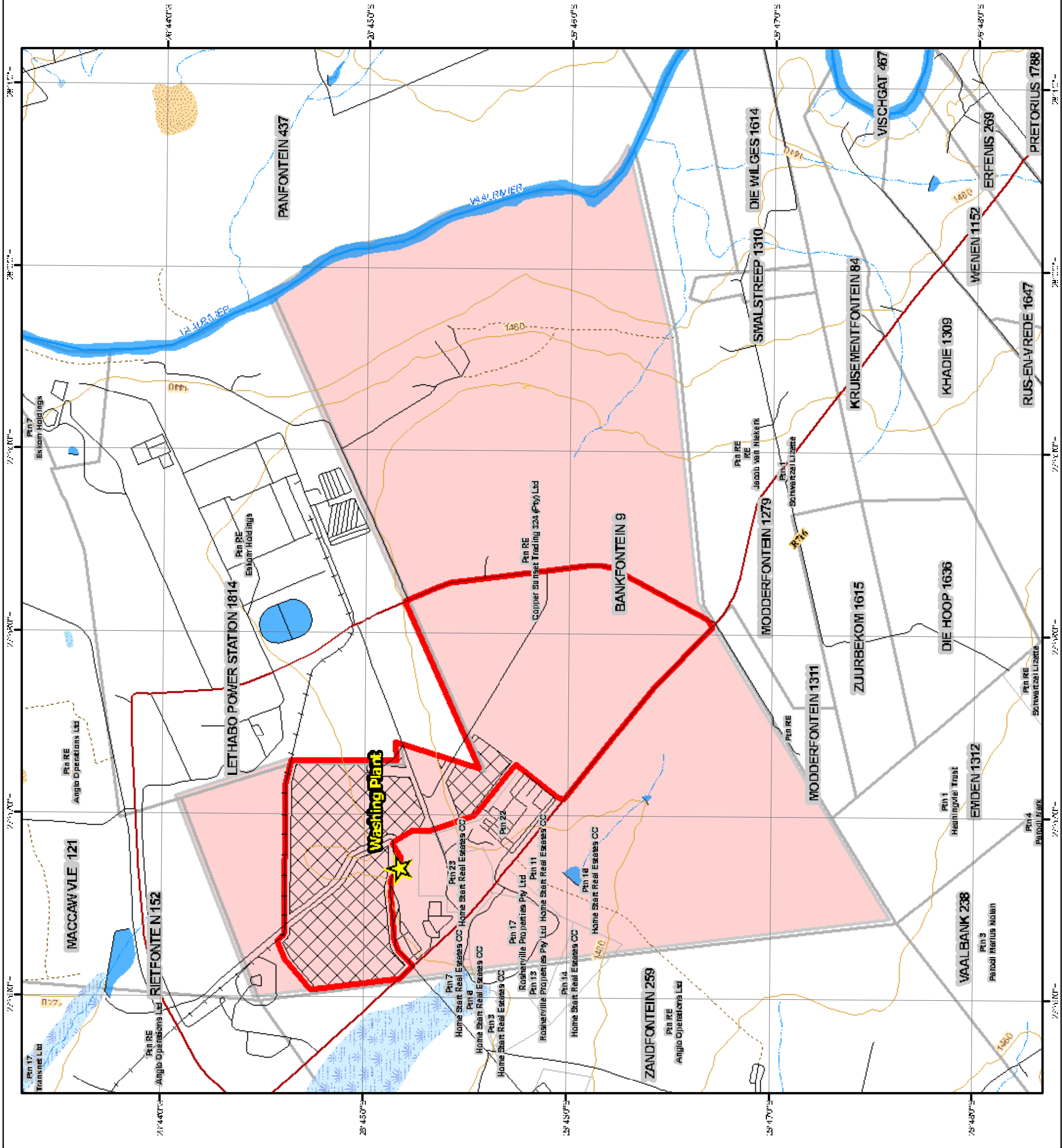
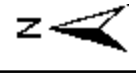
Legend

- Washing Plant
- Copper Sunset Trading
- Mining Area
- Future Frankfontein Farm
- National / Arterial Route
- Main Road
- Minor Road
- Track
- Railway Line
- Contour (20m)
- Non Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Non-Perennial Pan
- Perennial Pan
- Wetland
- Farm Fencelines
- Farm Portions



Project: Transvaal Mosaic
 Datum: Transvaal, 1994
 Central Meridian: 27°E

Tel: +27 11 251 2515
 Ref: 1: 803 CC: R642 2010/01/04
 Revision Number: 5
 Date: 06/08/2010




Plan 3
Copper Sunset Trading 324 (Pty) Ltd
Mine Plan

Legend

Copper Sunset Tracing	Year 1
Powerline	Year 2
National / Arterial Route	Year 3
Main Road	Year 4
Railway Line	Year 5
Non Perennial Stream	Year 6
Perennial Stream	Year 7
Dam Wall	Year 8
Dam / Lake	Year 9
Non Perennial Pan	Year 10
Perennial Pan	Year 11
Wetland	Year 12
Borehole	Year 13
Return Water Dam	Year 14
Seeding Dam	Year 15
Washing Plant	Year 16
Mining Area	Year 17
	Year 18
	Year 19
	Year 20

Infrastructure

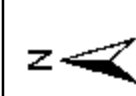
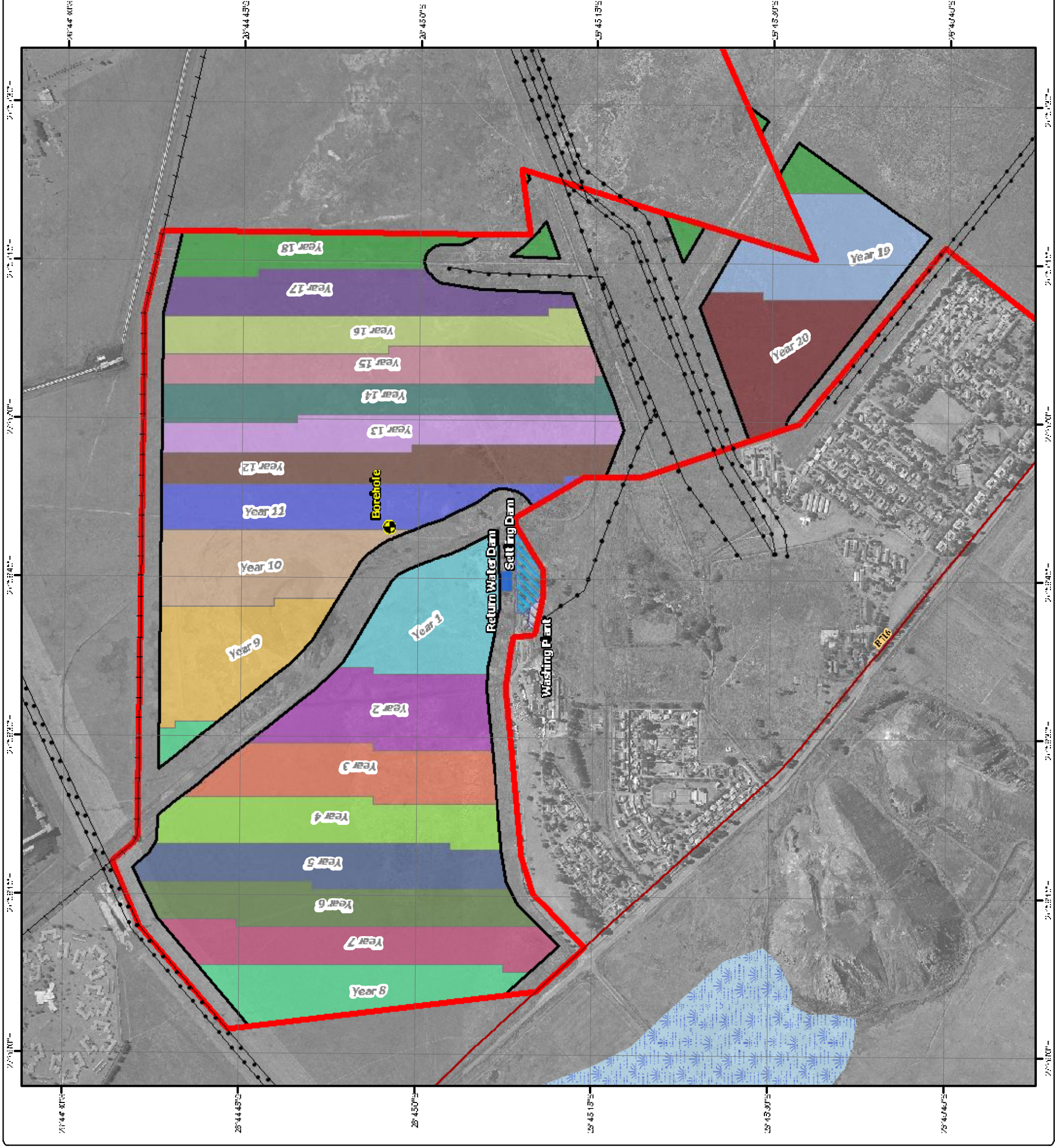
Borehole
Return Water Dam
Seeding Dam
Washing Plant
Mining Area



Tel: +27 11 968 9645
 Ref: 7/ 803 CC/ R/ 42 2010/ 0001/ 01
 Revision Number: 2
 Date: 06/08/2010

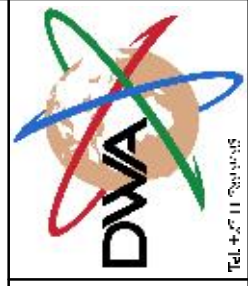
Projection: Transverse Mercator
 Datum: Flacósbach, 1994
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 Metres
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Copper Sunset Trading 324 (Pty) Ltd

Project Process

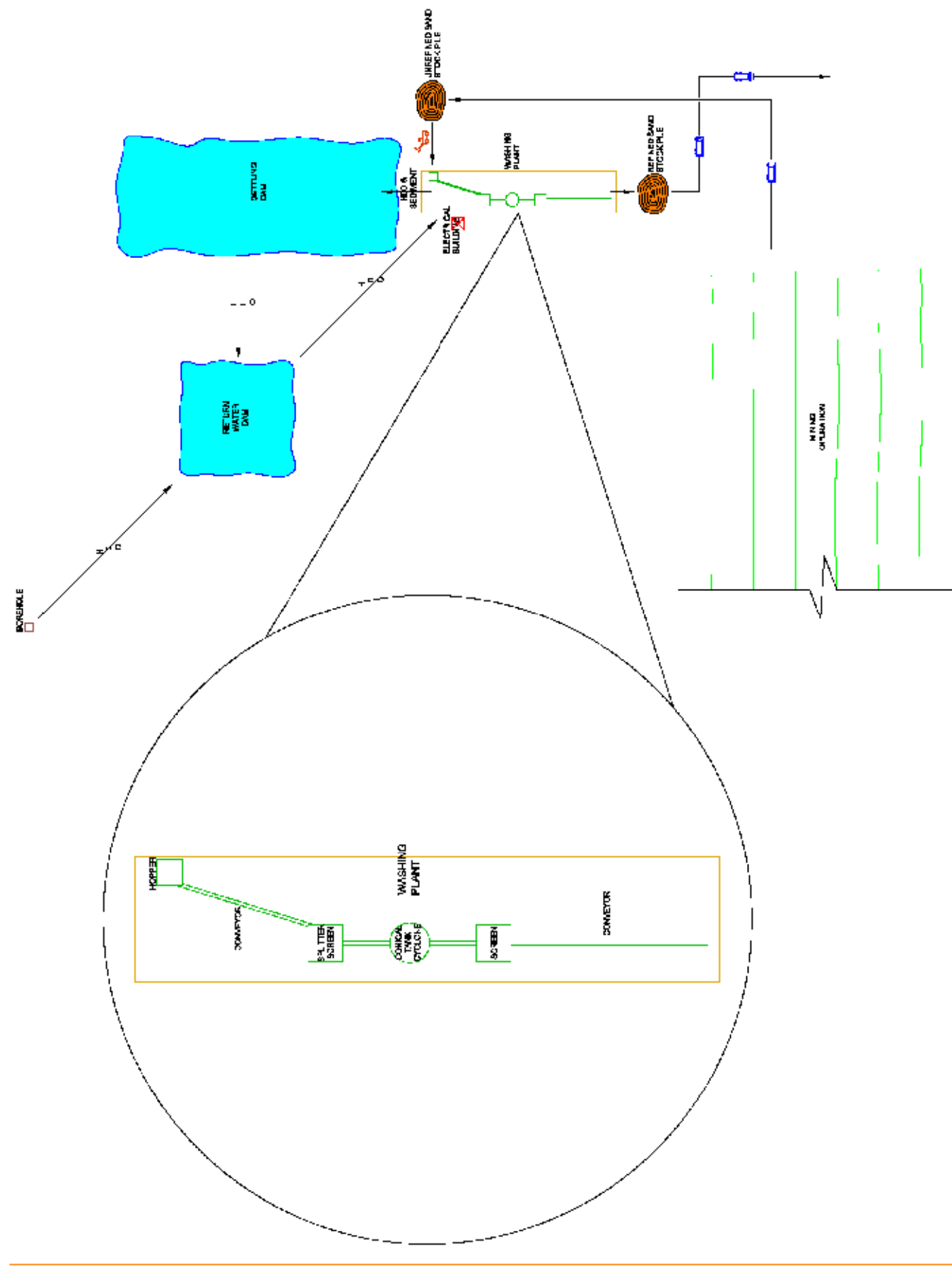


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Ref: 803 CX JPA42 2010/0012

Revision Number: 1

Date: 04/08/2010



Plan 5

Copper Sunset Trading 324 (Pty) Ltd


Surface Infrastructure

Legend

- Copper Sunset Franching
- Mining Area
- Powerline
- National / Arterial Route
- Main Road
- Railway Line
- Non Terrestrial Stream
- Terrestrial Stream
- Dam Wall
- Dam / Lake
- Non Terrestrial Pan
- Terrestrial Pan
- Wetland

Infrastructure

- Borehole
- Return Water Dam
- Settling Dam
- Washing Plant



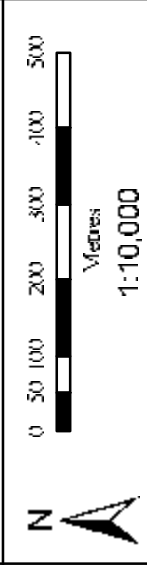
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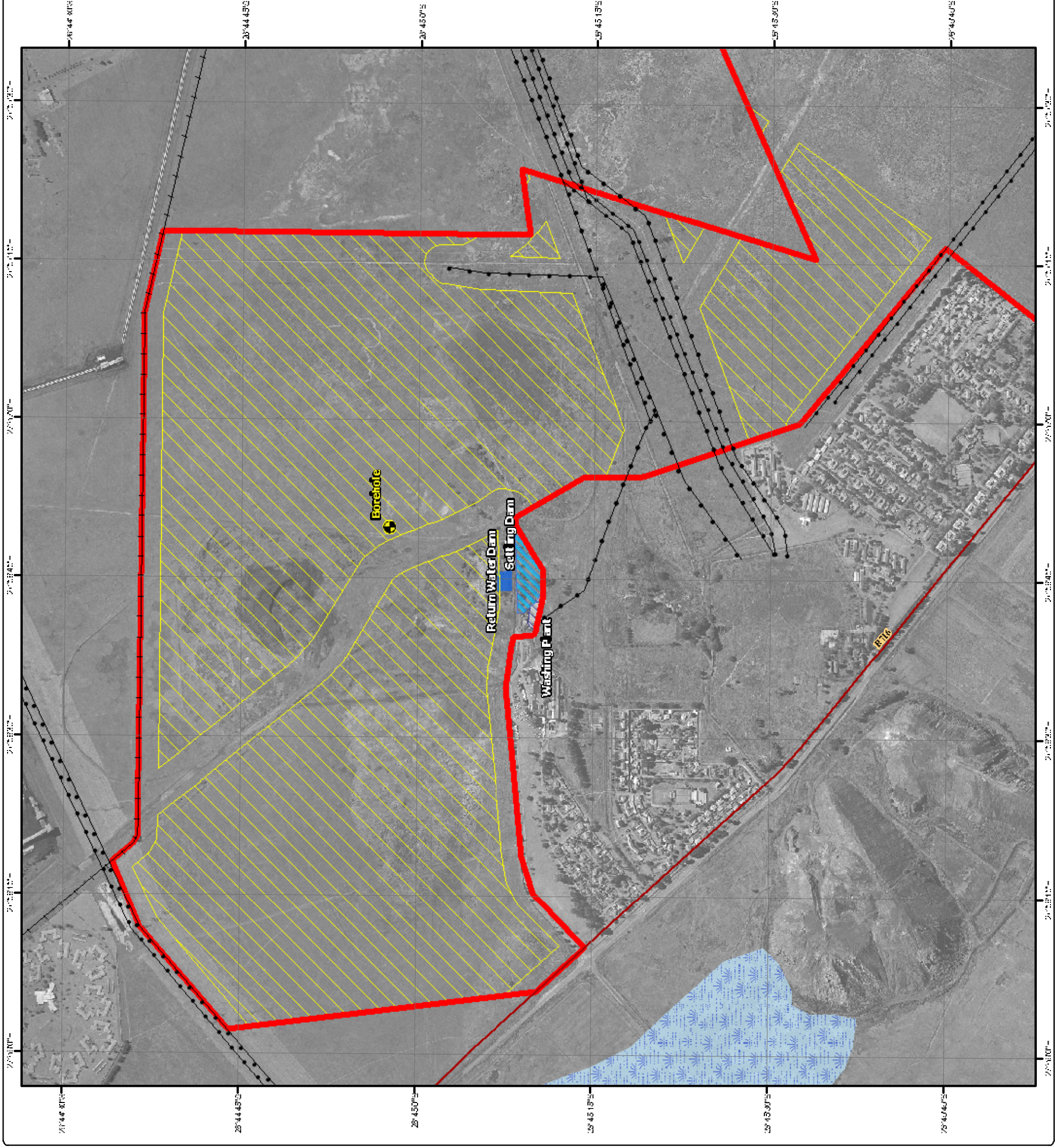
Revision Number: 2

Date: 06/08/2010

Projection: Transverse Mercator
Datum: Potlatch, 1994
Central Meridian: 27°E



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Metres
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Copper Sunset Trading 324 (Pty) Ltd

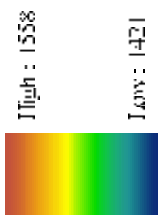
Topography

Legend

- Washing Plant
- Copper Sunset Trading
- Trig Peak/sum
- National / Arterial Route
- Main Road
- Minor Road
- Track
- Railway Line
- Contour (20 m)
- Non Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Non Perennial Pan
- Perennial Pan
- Wetland

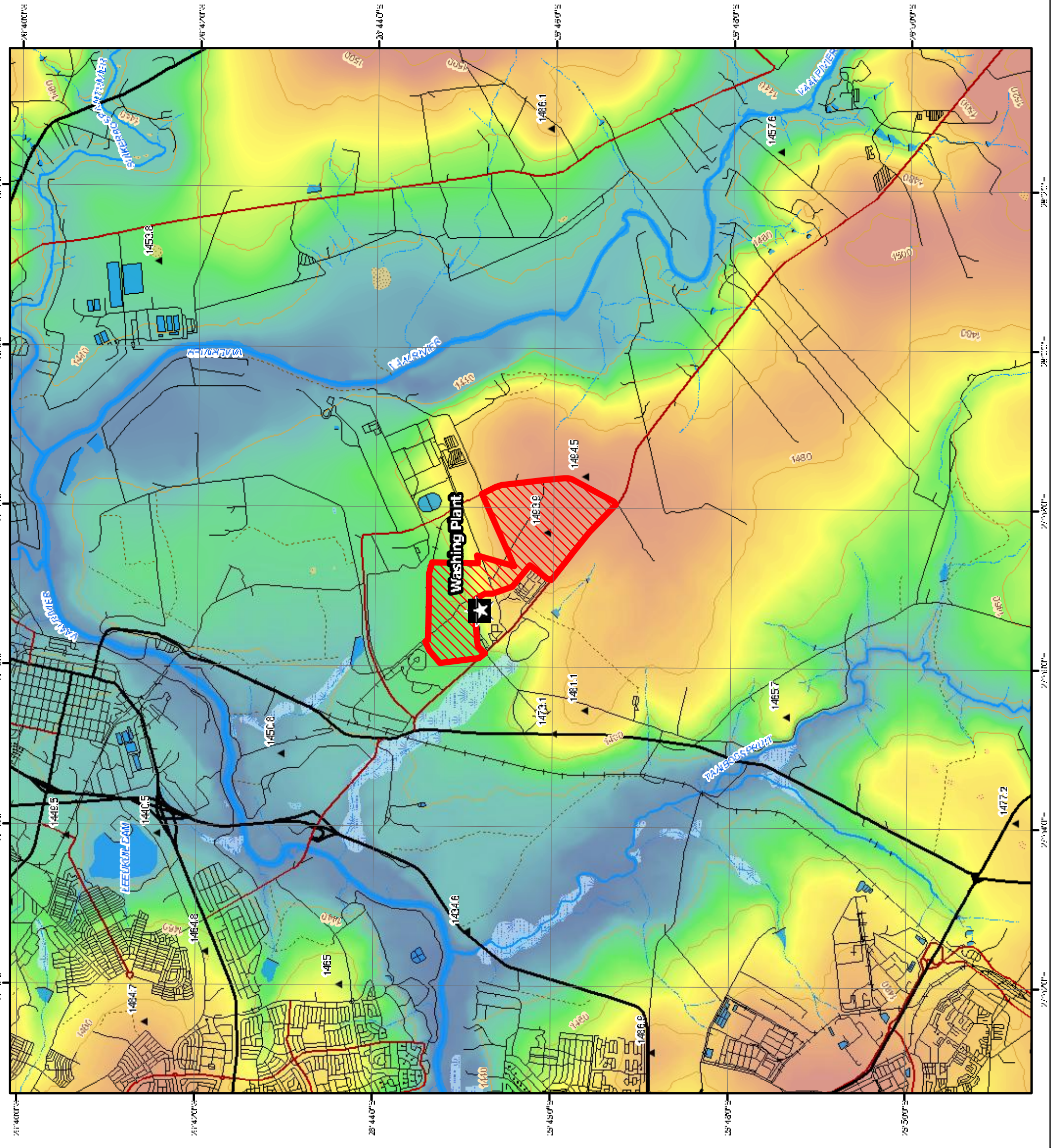
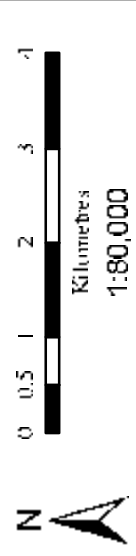
Topographical Model

Elevation (m.a.m.s.l.)



Tel: +27 11 2691945
 Ref: 7 803 CC/1647/2010/04.3
 Revision Number: 3
 Date: 05/08/2010

Projection: Transverse Mercator
 Datum: Randersbock, 1994
 Central Meridian: 27°E




Legend

- Washing Plant
- Copper Sunset Trading
- National / Arterial Route
- Main Road
- Railway Line
- Non-Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Non-Perennial Pan
- Perennial Pan
- Wetland

Lithology

- Karoo Dolerite, Jd
- Quaternary, Q
- Vryheid, Pv




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Ref: 71 803 CC/JR/47 2010/03/044

Revision Number: 4


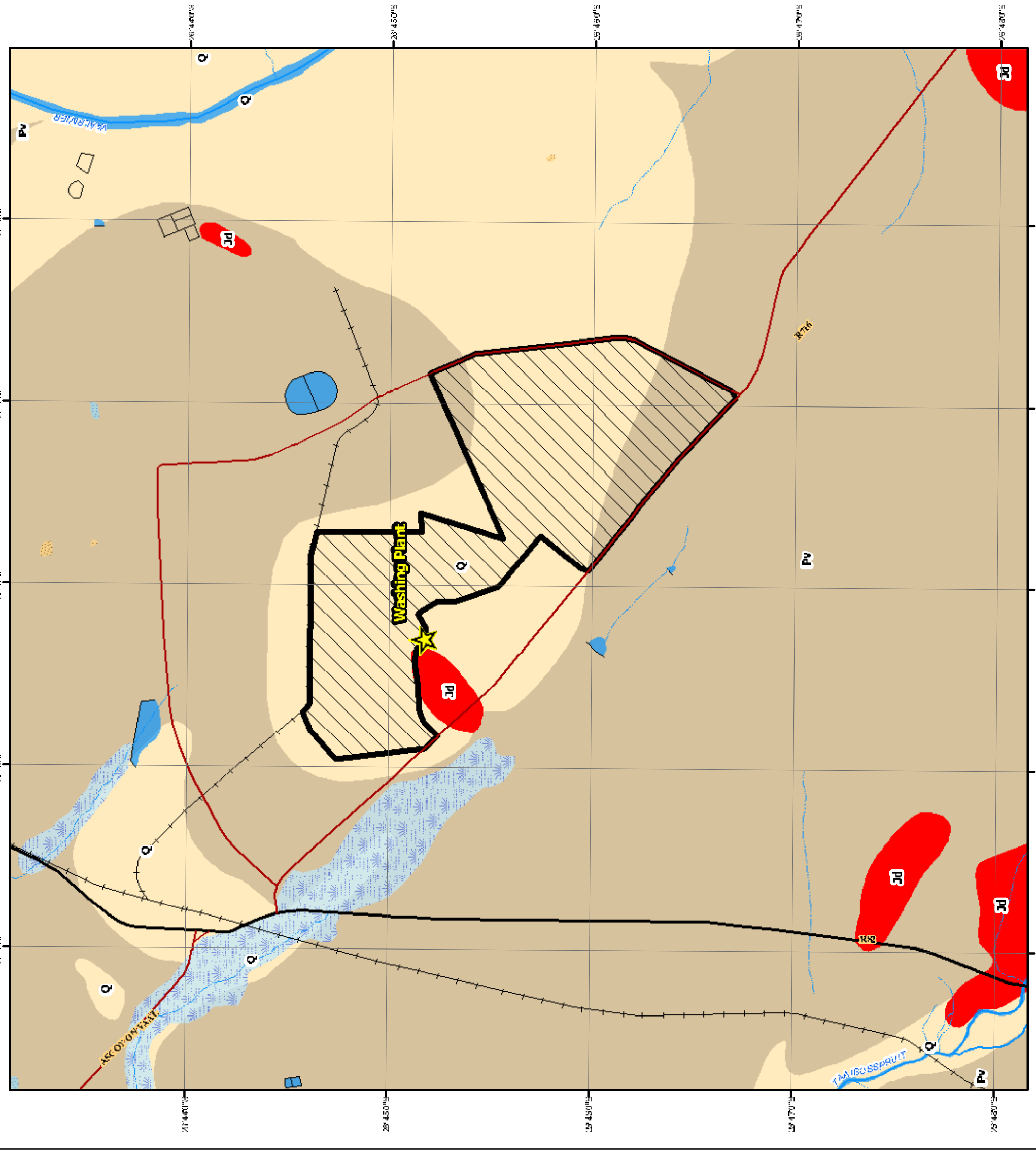
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Projection: Transverse Mercator
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Central Meridian: 27°E



Kilometres

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Copper Sunset Trading 324 (Pty) Ltd

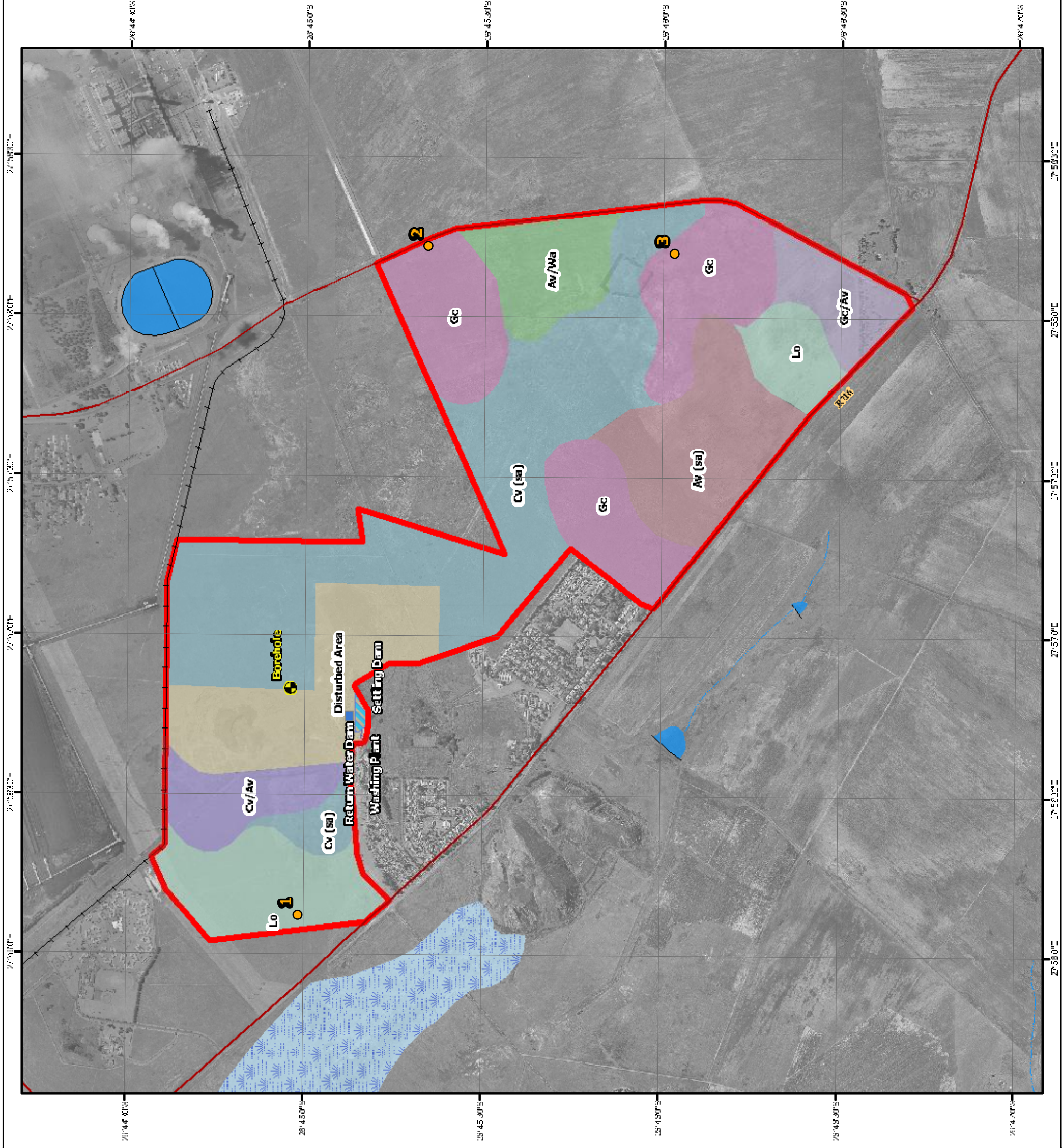
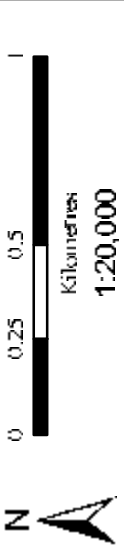
Soil Types & Sampling Points

Legend

- Soil Sampling Points
- ▭ Copper Sunset Trading
- ▬ National / Aerial Route
- ▬ Main Road
- ▬ Railway Line
- ▬ Non Perennial Stream
- ▬ Perennial stream
- ▬ Trench Wall
- ▬ Trench / Lake
- ▬ Non Perennial Pan
- ▬ Perennial Pan
- ▬ Wetland
- Infrastructure**
- ⊕ Borehole
- ▭ Return Water Trench
- ▭ Settling Tank
- ▭ Washing Plant
- Soil Types**
- ▭ Avolon (Av)
- ▭ Avolon/Washbank (Av/Wa)
- ▭ Cleavelly (Cv)
- ▭ Cleavelly/Avolon (Cv/Av)
- ▭ Disturbed Area
- ▭ Ghenose (Gc)
- ▭ Ghenose/Avolon (Gc/Av)
- ▭ Tringland (Tr)





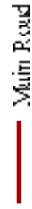
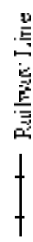
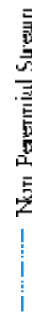
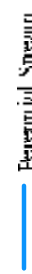
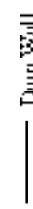

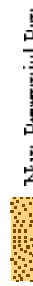



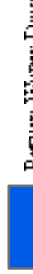





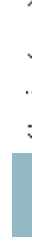
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Scale: 1:20,000
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Date: 04/08/2010

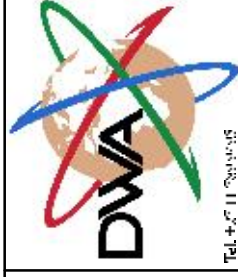


Copper Sunset Trading 324 (Pty) Ltd

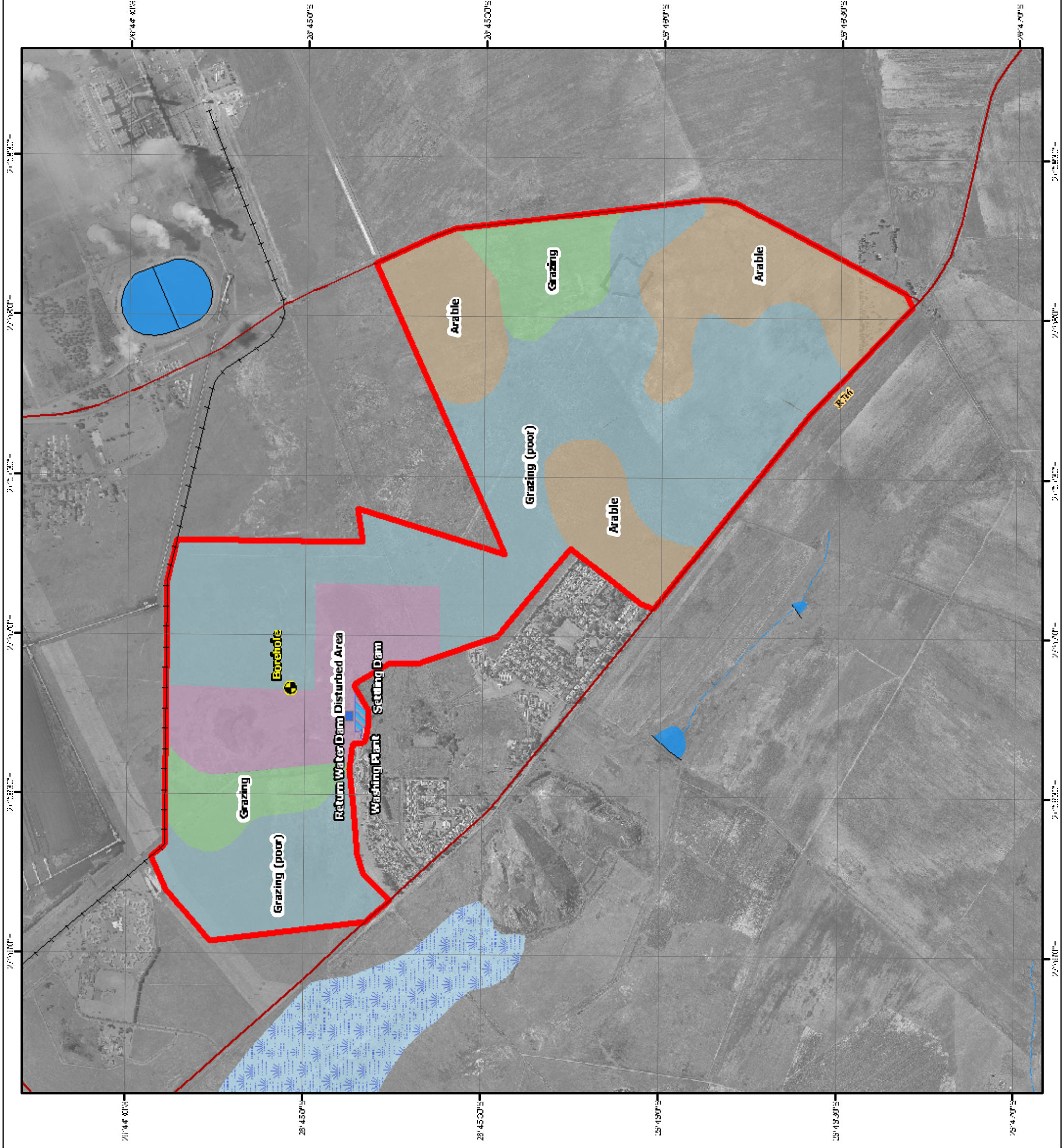
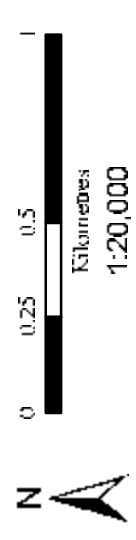
Land Capability

Legend

-  Copper Sunset Trading
 -  National / Arterial Route
 -  Main Road
 -  Railway Line
 -  Non Perennial Stream
 -  Perennial Stream
 -  Dam Wall
 -  Dam / Lake
 -  Non Perennial Pan
 -  Perennial Pan
 -  Wetland
- Infrastructure**
-  Borehole
 -  Return Water Dam
 -  Settling Dam
 -  Washing Plant
- Land Capability**
-  Arable
 -  Disturbed Area
 -  Grazing
 -  Grazing (poor)


















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 Date: 06/08/2010

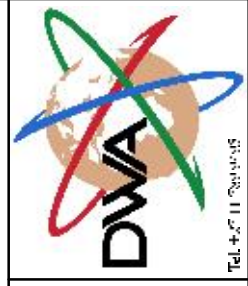


Copper Sunset Trading 324 (Pty) Ltd

Catchment Boundaries

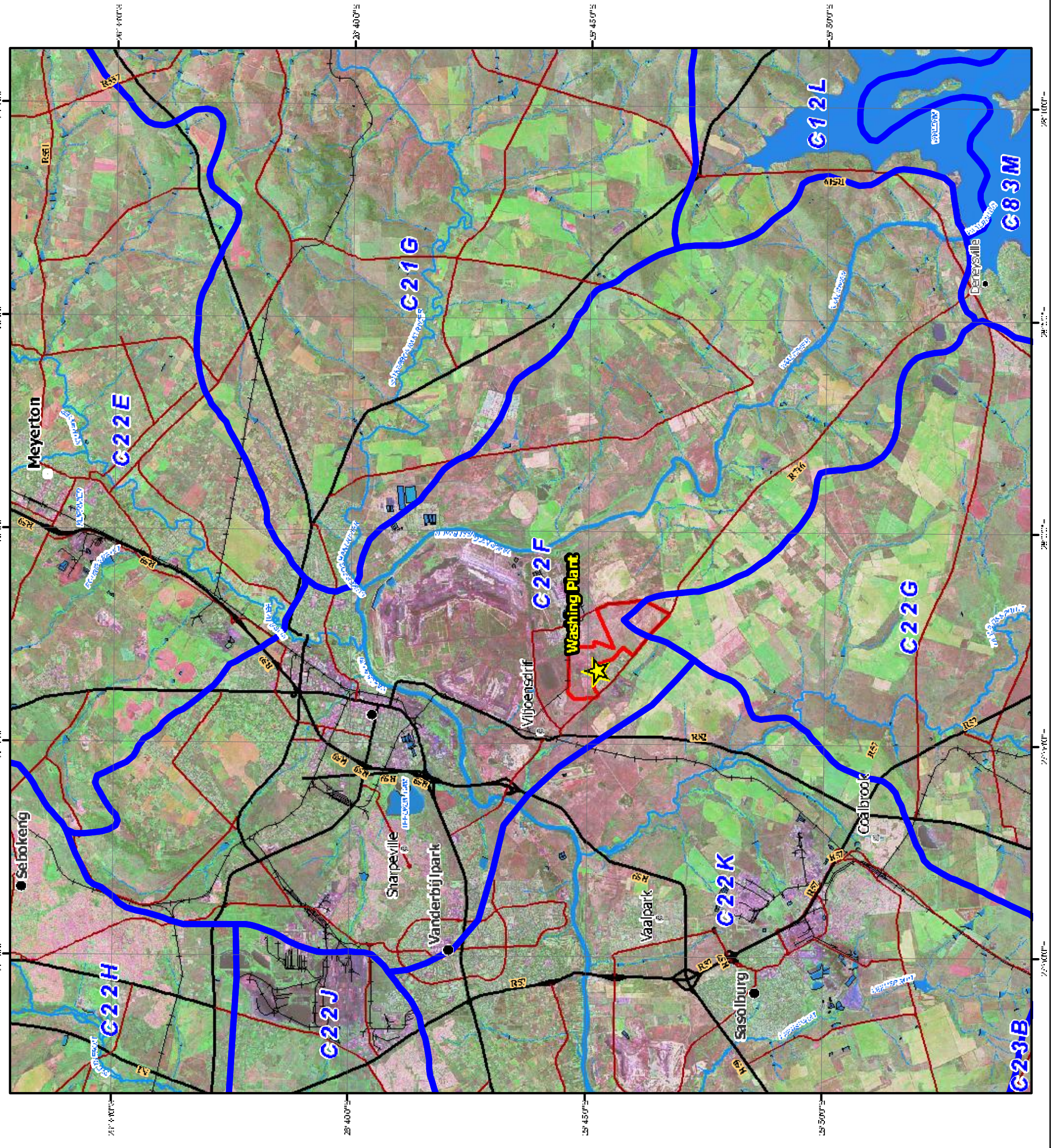
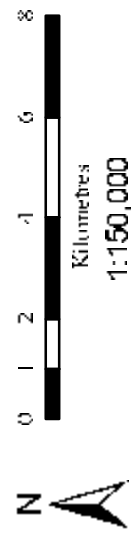
Legend

-  Washing Plant
-  Copper Sunset Trading
-  Capital City
-  Major Town
-  Secondary Town
-  Other Town
-  Settlement
-  National / Arterial Route
-  Main Road
-  Railway Line
-  Non-Perennial Stream
-  Perennial Stream
-  Dam Wall
-  Dam / Lake
-  Quaternary Catchment Boundary




Tel: +27 11 708 9345

Projection: Transverse Mercator
 Datum: Flanders, 1994
 Central Meridian: 27°E



Legend


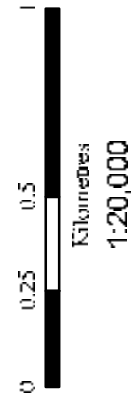
- Fauna & Flora Sampling Points
- Copper Sunset Trading
- National / Arterial Route
- Main Road
- Railway Line
- Non-Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Non-Perennial Pan
- Perennial Pan
- Wetland
- Infrastructure
- Borehole
- Return Water Dam
- Settling Dam
- Washing Plant



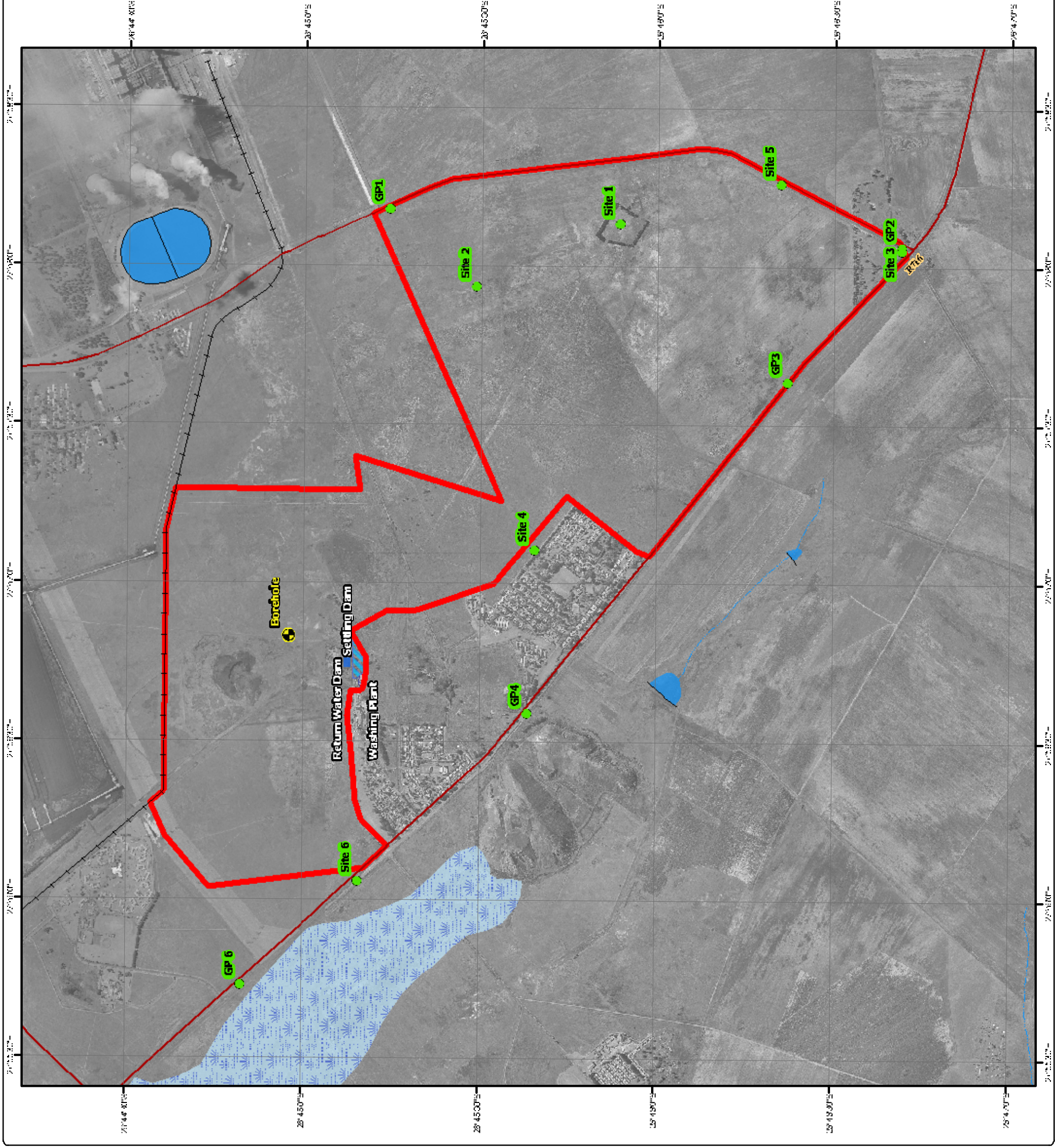
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 Date: 06/08/2010

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 Datum: Flourensboom, 1994
 Central Meridian: 27°E

0 0.25 0.5 1
 Kilometres
 1:20,000



Copper Sunset Trading 324 (Pty) Ltd

Archaeological Sites

Legend

- Archaeological Sites**
- Tlaxiatic Stone Structure
 - Later Stone Age
 - Possible Cemetery
 - Copper Sunset Trading
 - Mining Area
 - Powerline
 - National / Aerial Route
 - Main Road
 - Railway Line
 - Nm Perennial Stream
 - Perennial Stream
 - Dam Wall
 - Dam / Lake
 - Nm Perennial Pan
 - Perennial Pan
 - Wetland
- Infrastructure**
- Borehole
 - Return Water Dam
 - Settling Dam
 - Washing Plant



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 Revision Number: 2
 Date: 06/08/2010

