







**PROPOSED  
EXPANSION OF  
DAMS AT BLINKPAN  
RAILWAY SIDING  
NEAR WITBANK  
MPUMALANGA PROVINCE  
SURFACE WATER  
ASSESSMENT:  
SURFACE WATER  
DELINEATION**

- Legend**
-  Main Road
  -  Railways
  -  Existing High Voltage (>= 88kV)
  - Surface Water Features**
  -  River (Koringspruit)
  -  Channelled Valley
  -  Wetland Buffer Zone (50m)

SOURCE: GOOGLE EARTH, 2013

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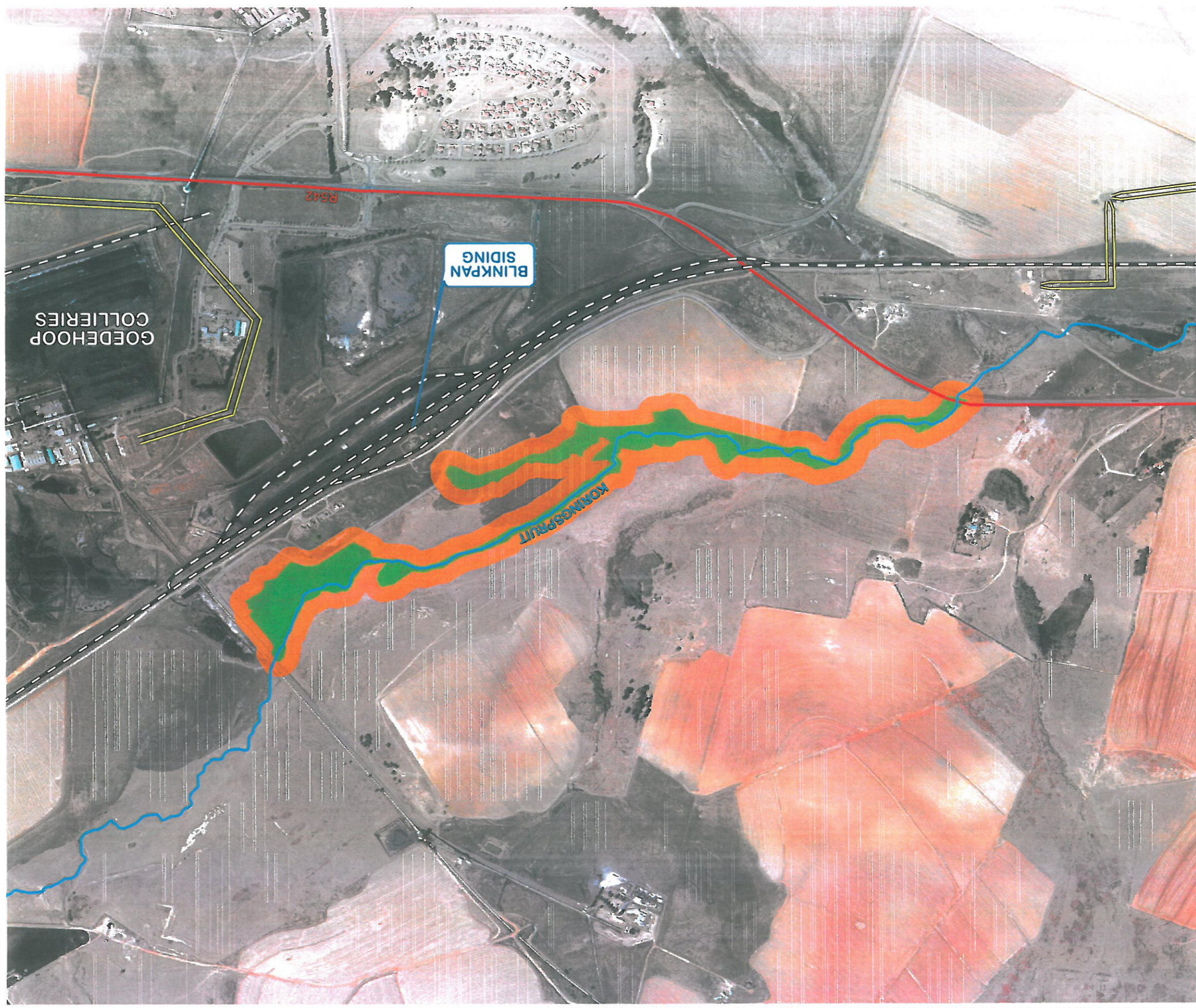
**Project No** 11791  
**Map Ref No** 11791/03  
**Prepared By** KLS  
**Date** 06/03/2013

**Scale:** 0, 150, 300 Meters

**North Arrow**

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THIS MAP HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE SIVEST QUALITY MANAGEMENT SYSTEM AND MEETS THE REQUIREMENTS OF THE SETA QUALITY GRADING SYSTEM THAT IS ISO COMPLIANT



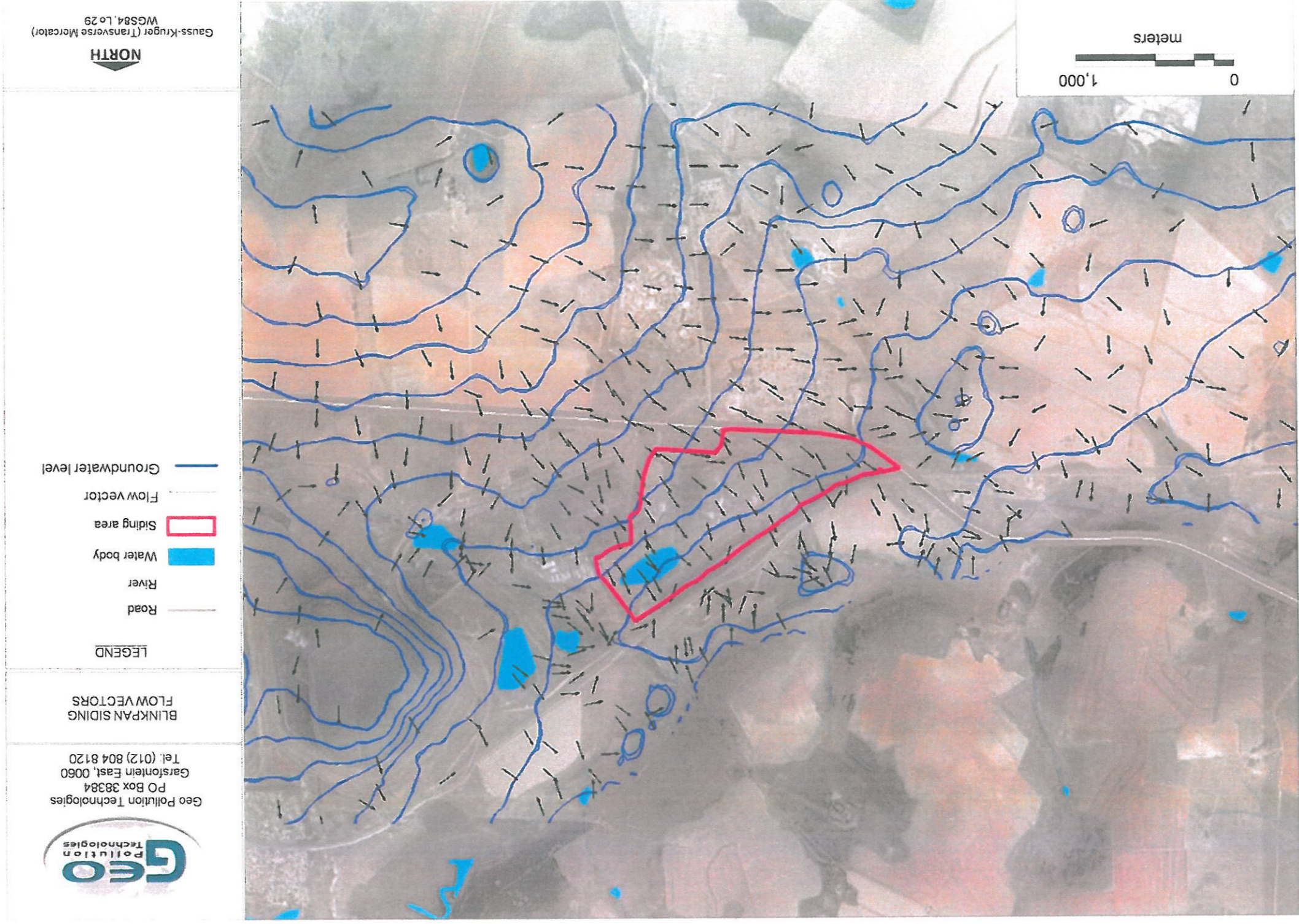


Figure 6: Groundwater Flow Directions

# Blinkpan Siding Environmental Conservation Status Map



## Legend

- Koringspruit
- Status\_Endangered
- Drainage\_line
- Railway\_line
- River\_tributaries

## ROAD\_NAME

- 542

## FARM\_NAME

- KOORNFONTEIN 27
- Inland\_water\_areas
- Properties

## Use

### LAND\_USE

- CULTIVATED LAND
- FORESTRY
- MINING
- RESIDENTIAL
- SUBSISTANCE FARMING
- VACANT / UNSPECIFIED

### Vegetation\_unit

- Eastern Highveld Grassland



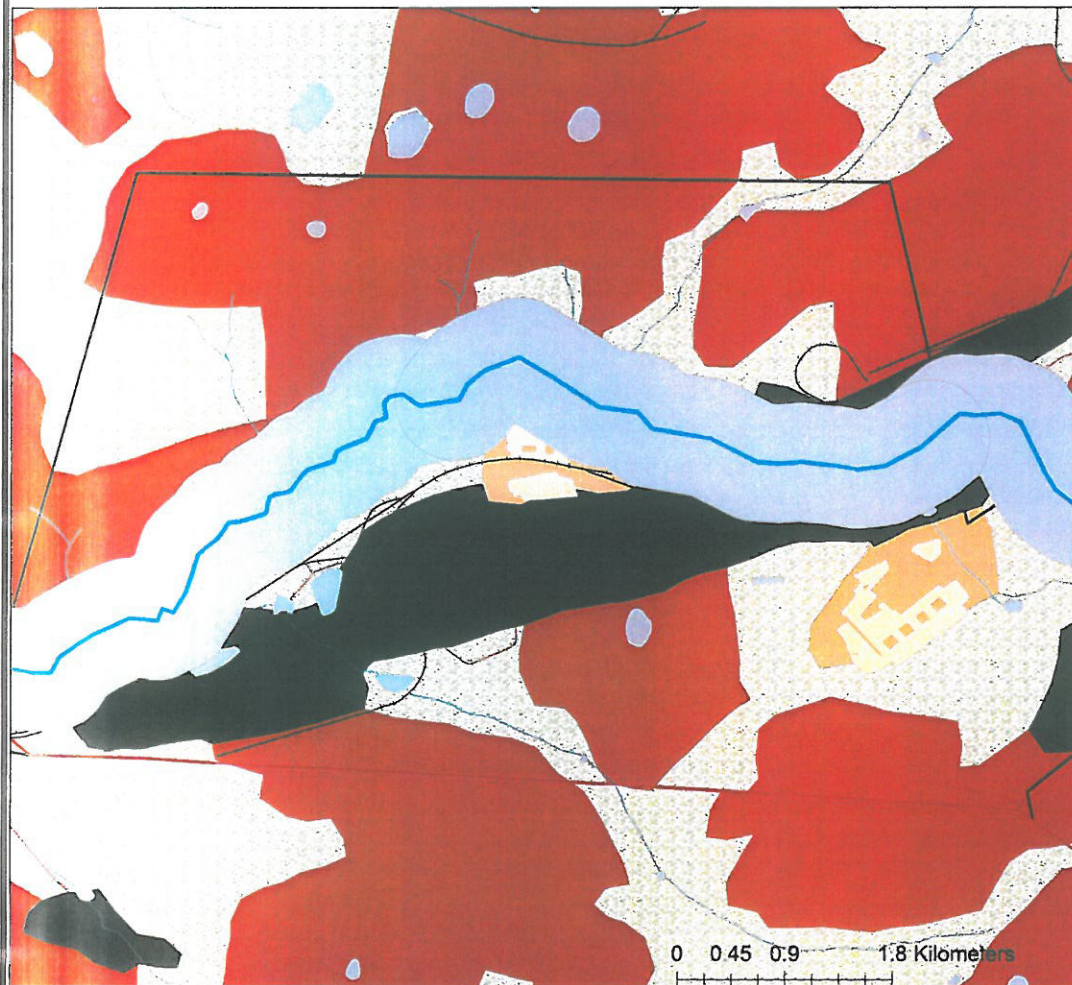
ENVIRONMENTAL ASSURANCE (Pty)Ltd

**ENVIASS**










0 0.45 0.9 1.8 Kilometers



# Blinkpan Siding Land Feature Map

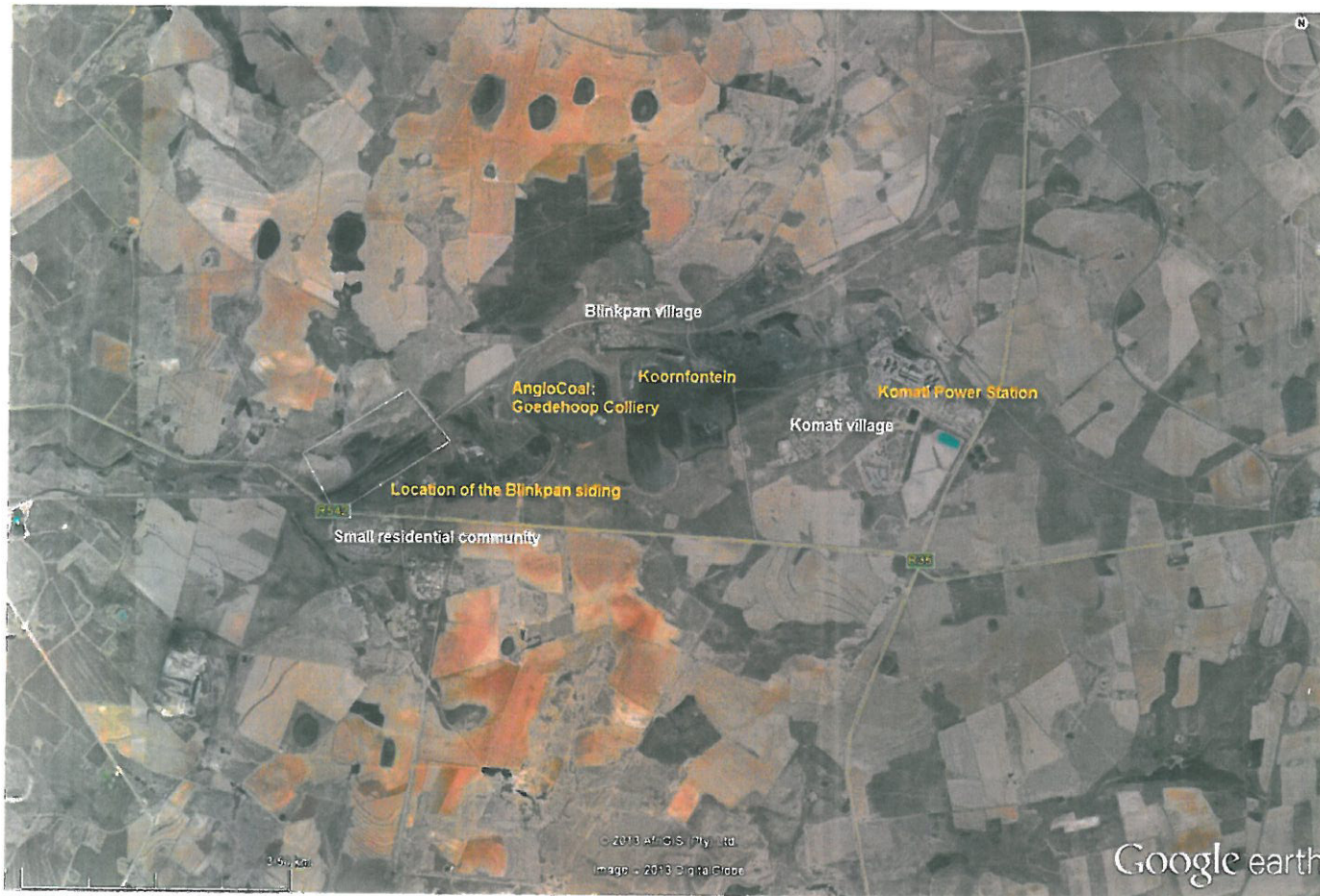


## Legend

-  Koringspruit
-  500m \_buffer
-  Drainage\_line
-  Railway\_line
-  River\_tributaries
- ROAD\_NAME**
-  542
- FARM\_NAME**
-  KOORNFONTEIN 27
-  Inland\_water\_areas
-  Properties
- Use**
- LAND\_USE**
-  CULTIVATED LAND
-  FORESTRY
-  MINING
-  RESIDENTIAL
-  SUBSISTANCE FARMING
-  VACANT / UNSPECIFIED
- Vegetation\_unit**
-  Eastern Highveld Grassland



0 0.45 0.9 1.8 Kilometers



**Figure 3-1: Operations and sensitive receptors surrounding Blinkpan**