









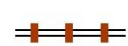

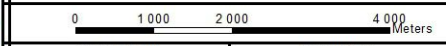

MAP 3: CRITICAL BIODIVERSITY AND ECOLOGICAL SUPPORT AREAS

Orion Exploration No. 5 – Prospecting Right

Legend


-  Powerline
-  Farm Boundaries
- PROSPECTING RIGHTS**
-  Prospecting Right Boundary
- CRITICAL BIODIVERSITY ASSESSMENT**
-  Critical Biodiversity Area One
-  Critical Biodiversity Area Two
-  Ecological Support Area
-  Other Natural Areas
-  Protected Area
- ROAD NETWORK**
-  Main Road
-  Secondary Road
-  Railway line
- RIVERS & STREAMS**
-  Non-Perennial River

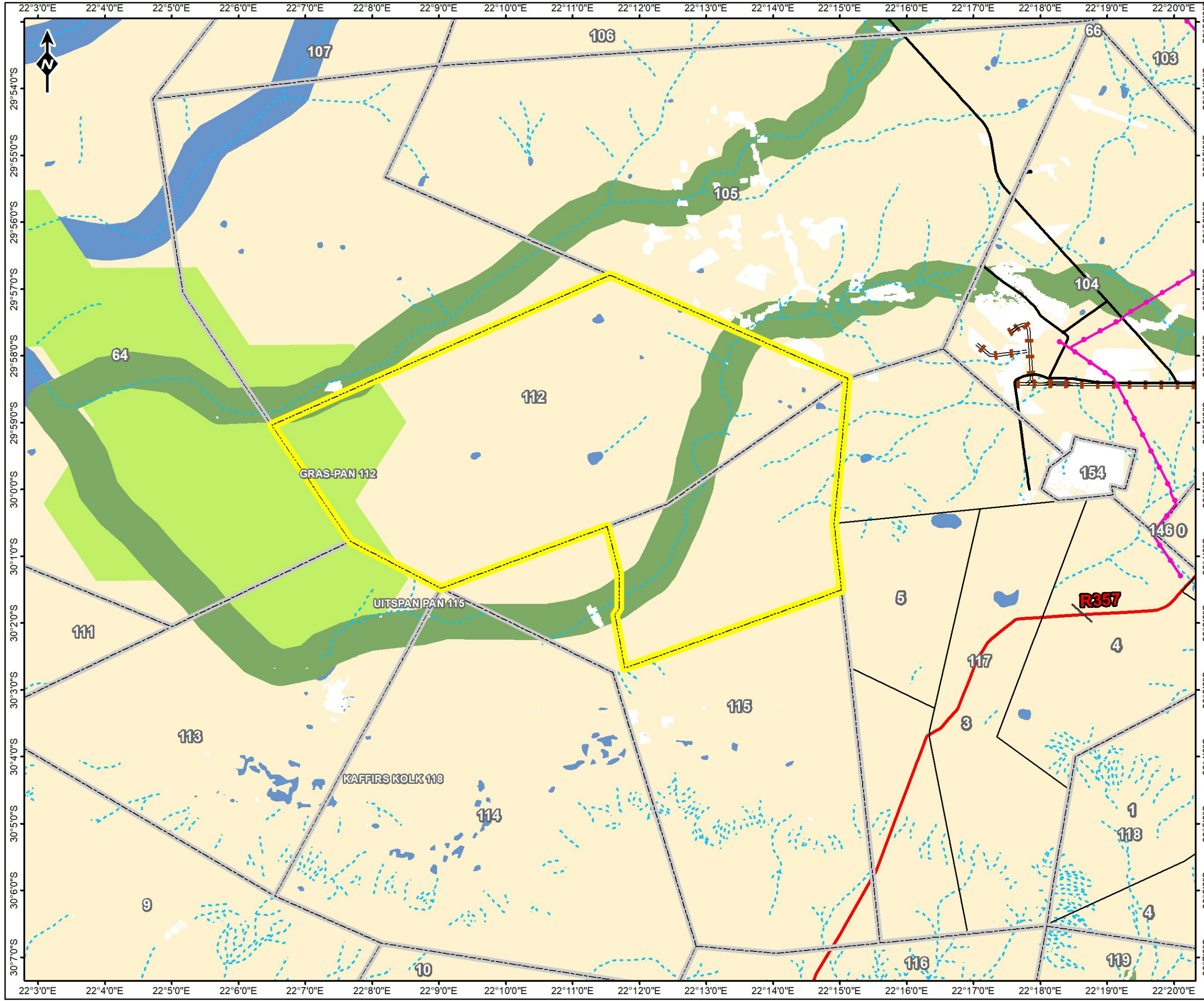
NC CRITICAL BIODIVERSITY AREAS



Reviewed: P. Furniss Environmental Scientist	Drawn by: NH Cele GIS Specialist
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Coordinate System: GCS WGS 1984
Datum: WGS 1984









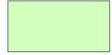


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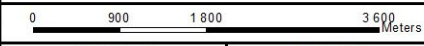
MAP 4: CURRENT LANDUSES

Orion Exploration
No. 5 – Prospecting Right

Legend

-  Farm Boundaries
- PROSPECTING RIGHT BOUNDARY**
-  Prospecting Right Boundary
- ROAD NETWORK**
-  Main Road
-  Secondary Road
-  Other Access
-  Railway line
- RIVERS & STREAMS**
-  Perennial River
-  Non-Perennial River
-  Wetlands
- LANDUSE**
-  Bare none vegetated
-  Grassland
-  Low shrubland
-  Woodland/Open bush

LANDUSE



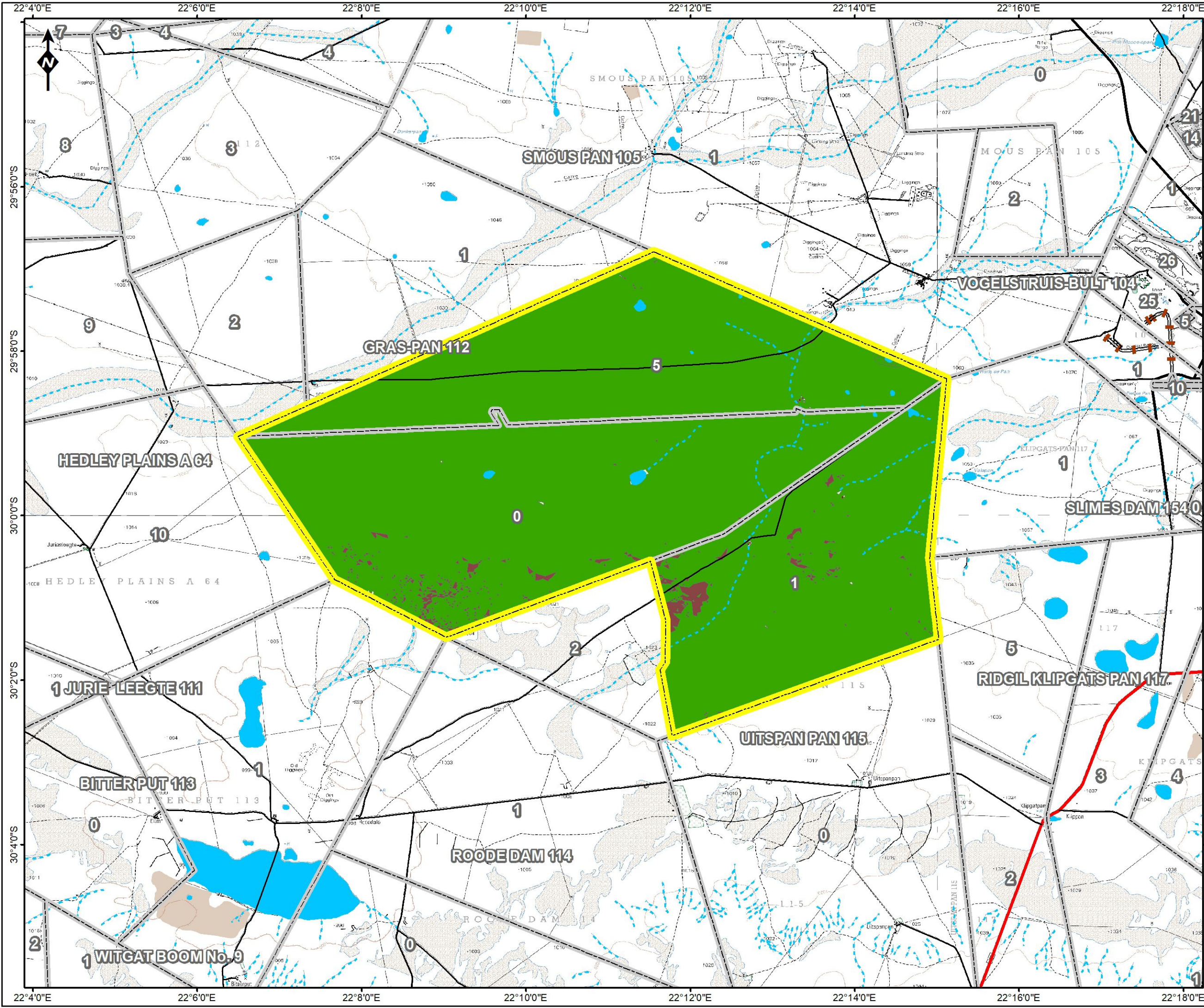
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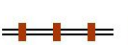



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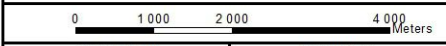
MAP 5: SOILS

Orion Exploration
No. 5 – Prospecting Right

Legend

-  Powerline
-  Farm Boundaries
- PROSPECTING RIGHTS APPLICATION**
-  Prospecting Right Boundary
- ROAD NETWORK**
-  Main Road
-  Secondary Road
-  Railway line
- RIVERS & STREAMS**
-  Perennial River
-  Non-Perennial River
-  Wetlands
- SOIL CHARACTERISTICS**
- Avg Soil Depth**
- Clay % Top Soils**

SOILS



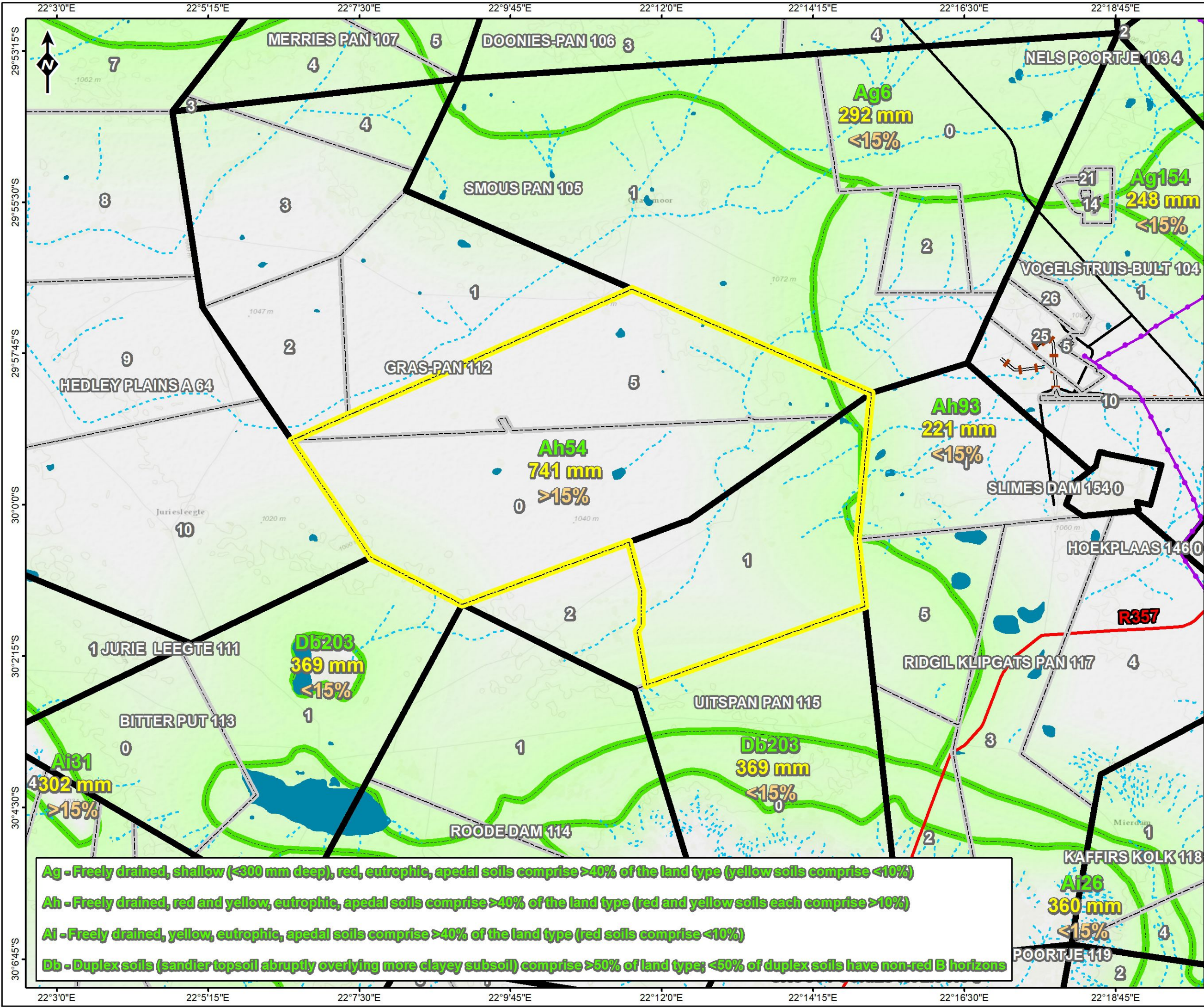
Reviewed: P. Furniss
Environmental Scientist

Drawn by: NH Cele
GIS Specialist

Coordinate System: GCS WGS 1984
Datum: WGS 1984



Scale: 1:96 326
Version: Final
Date: 2018/12/19



Ag - Freely drained, shallow (<300 mm deep), red, eutrophic, apedal soils comprise >40% of the land type (yellow soils comprise <10%)

Ah - Freely drained, red and yellow, eutrophic, apedal soils comprise >40% of the land type (red and yellow soils each comprise >10%)

Ai - Freely drained, yellow, eutrophic, apedal soils comprise >40% of the land type (red soils comprise <10%)

Db - Duplex soils (sandler topsoil abruptly overlying more clayey subsoil) comprise >50% of land type; <50% of duplex soils have non-red B horizons

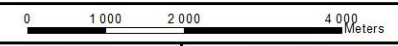
MAP 6: VEGETATION

Orion Exploration
No. 5 – Prospecting Right

Legend

-  Powerline
-  Farm Portions
- PROSPECTING RIGHTS APPLICATION**
-  Prospecting Right Boundary
- VEGETATION**
-  Bushmanland Arid Grassland
-  Bushmanland Basin Shrubland
-  Bushmanland Vloere
-  Northern Upper Karoo
- ROAD NETWORK**
-  Main Road
-  Secondary Road
- RIVERS & STREAMS**
-  Non-Perennial River

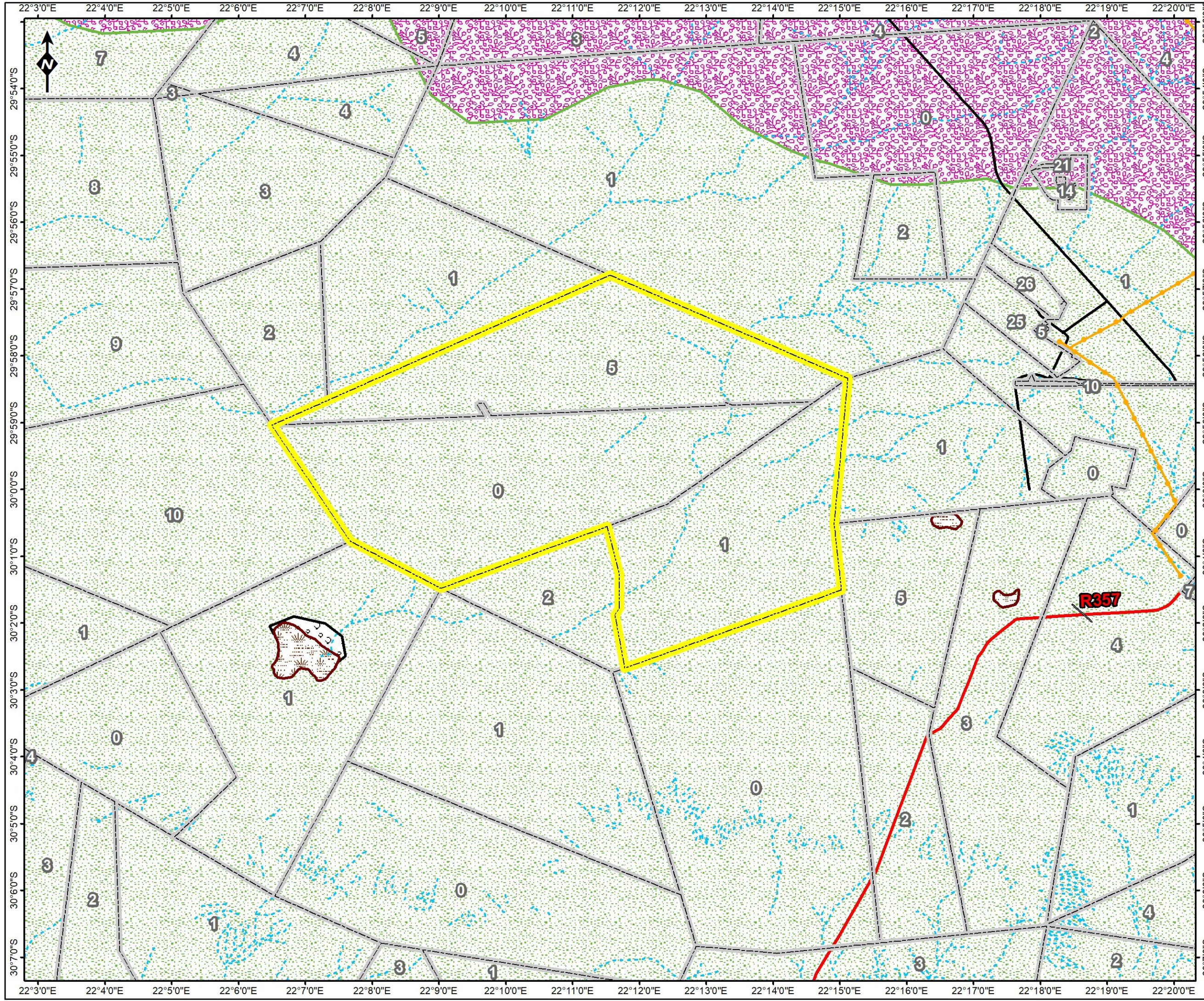
VEGETATION



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Coordinate System: GCS WGS 1984
Datum: WGS 1984

	Scale: 1:96 326
	Version: Final
	Date: 2019/01/18




MAP 7: PRA IN RELATION TO THE KAROO CENTRAL AAA

Orion Exploration
No. 5 – Prospecting Right


Legend


 SKA Virtual Center


PROSPECTING RIGHTS APPLICATION

 Prospecting Right Boundary

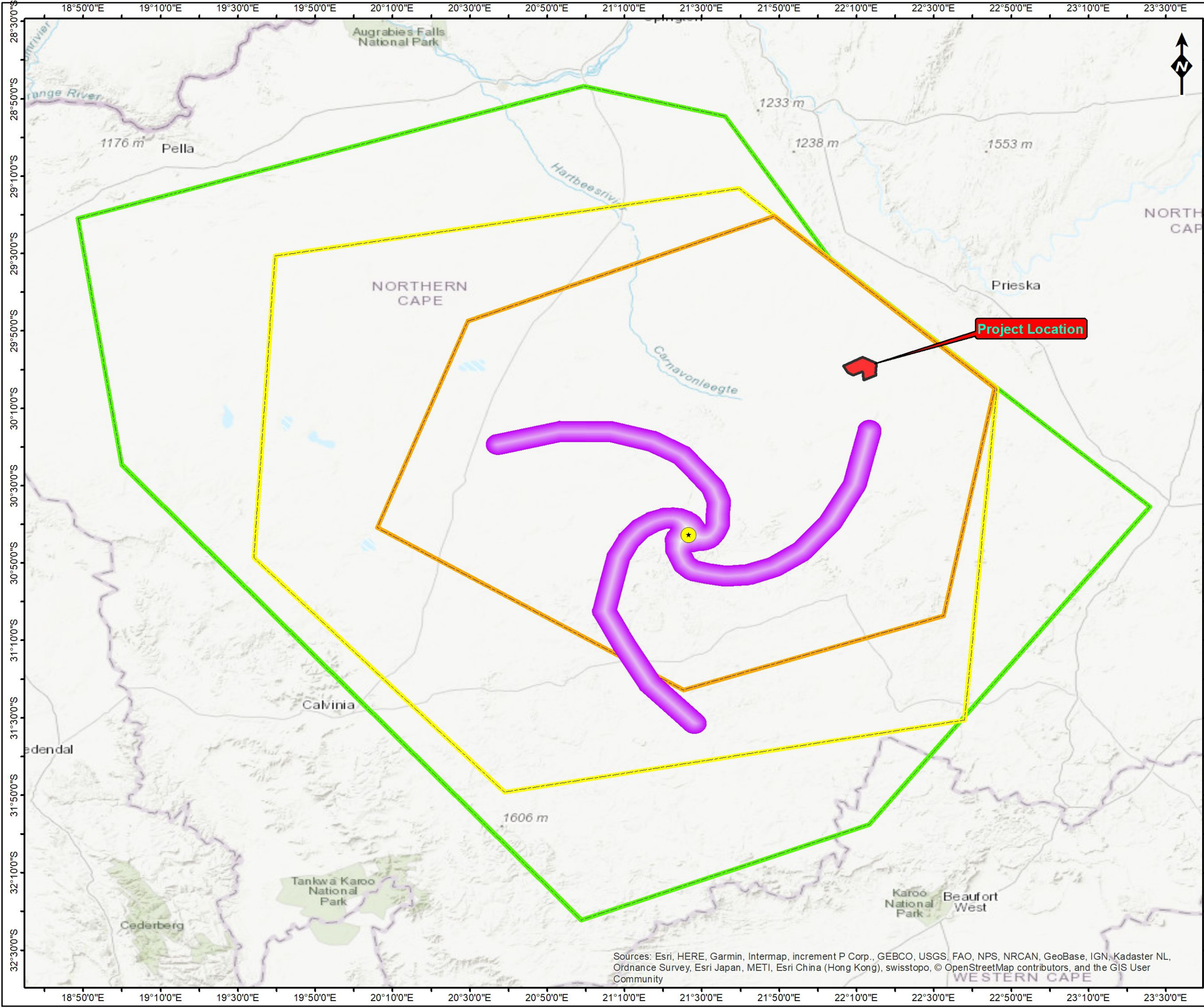
SKA AREAS

 Central Astronomy Advantage Area 1

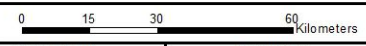
 Central Astronomy Advantage Area 2

 Central Astronomy Advantage Area 3

 SKA Phase 1 Corridors



PROSPECTING RIGHT BOUNDARY IN RELATION TO KAROO AAA



Reviewed:
P. Furniss
Environmental Scientist

Drawn by:
NH Cele
GIS Specialist

Coordinate System: GCS WGS 1984
Datum: WGS 1984



Scale: 1:1 675 000

Version: **Final**

Date: 2019/01/18



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