

APPENDIX F

SPECIALIST DECLARATION

- **Cultural Heritage:** Archaetnos Culture & Cultural Resource Consultants - Prof A.C. van Vollenhoven
- **Palaeontology:** Dr J.F. Durand
- **Ecology:** African Litany - Ms Melissa Moffett



read

Department:
**Rural, Environment and Agricultural
Development**
North West Provincial Government
REPUBLIC OF SOUTH AFRICA



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Enq: EIA Admin Officer

DETAILS AND EXPERTISE OF SPECIALIST AND DECLARATION OF INTEREST

File Reference Number: NEAS Reference Number: Date Received:	(For official use only)

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014

PROJECT TITLE

Proposed Development on Remainder of Holding 22 Waterval Small Holdings, Rustenburg, North West Province.

1. Details of Specialist

Specialist:	Anton Carl van Vollenhoven - Archaetnos		
Contact person:	Anton Carl van Vollenhoven		
Postal address:	P.O. Box 55, Groenkloof		
Postal code:	0027	Cell:	083 291 6104
Telephone:	083 291 6104	Fax:	086 520 4173
E-mail:	antonv@archaetnos.co.za		
Professional affiliation(s) (if any)	ASAPA 166 SASCH CH001		

Project Consultant:	HydroScience		
Contact person:	Paulette Jacobs		
Postal address:	P.O. Box 1322, Ruimsig		
Postal code:	1732	Cell:	082 850 5482
Telephone:	082 667 5056	Fax:	086 692 8820
E-mail:	paulette@hydroscience.co.za		

2. Expertise of the Specialist including Curriculum vitae (Appendix 6 (1)(a)(ii) of EIA Regulations, 2014)

Tertiary education

- BA 1986, University of Pretoria
- BA (HONS) Archaeology 1988 (cum laude), University of Pretoria
- MA Archaeology 1992, University of Pretoria
- Post-Graduate Diploma in Museology 1993 (cum laude), University of Pretoria
- Diploma Tertiary Education 1993, University of Pretoria
- DPhil Archaeology 2001, University of Pretoria.
- MA Cultural History 1998 (cum laude), University of Stellenbosch
- Management Diploma 2007 (cum laude), Tshwane University of Technology
- DPhil History 2010, University of Stellenbosch

Employment history

- 1988-1991: Fort Klapperkop Military Museum - Researcher
- 1991-1999: National Cultural History Museum. Work as Archaeologist, as well as Curator/Manager of Pioneer Museum (1994-1997)
- 1999-2002: City Council of Pretoria. Work as Curator: Fort Klapperkop Heritage Site and Acting Deputy Manager Museums and Heritage.
- 2002-2007: City of Tshwane Metropolitan Municipality. Work as Deputy Manager Museums and Heritage.
- August 2007 – present – Managing Director for Archaeos Archaeologists.
- 1988-2003: Part-time lecturer in Archaeology at the University of Pretoria and a part-time lecturer on Cultural Resources Management in the Department of History at the University of Pretoria.
- 2014: Part-time lecturer for the Honours degree in Museum Sciences in the Department of History and Heritage Studies at the University of Pretoria
- 2015: Appointed extraordinary professor in history at the Mafikeng Campus of the Northwest University

Other

- Published 75 articles in scientific and popular journals on archaeology and history.
- Author and co-author of over 580 unpublished reports on cultural resources surveys and archaeological work. A list of reports can be viewed on www.archaeos.co.za
- Published a book on the Military Fortifications of Pretoria.
- Contributed to a book on Mapungubwe.
- Delivered more than 50 papers and lectures at national and international conferences.
- Member of SAHRA Council for 2003 – 2006.
- Member of the South African Academy for Science and Art.
- Accredited professional member of Association for South African Professional Archaeologists.
- Accredited professional member of the South African Society for Cultural History (Chairperson 2006-2008; 2012-2014).
- Has been editor for the SA Journal of Cultural History 2002-2004.




- Member of the Provincial Heritage Resources Agency, Gauteng's Council.
Member of Provincial Heritage Resources Agency, Gauteng's HIA adjudication committee (Chairperson 2012-2019).



3. Declaration by Specialist

I, **ANTON CARL VAN VOLLENHOVEN** (Name of Specialist) of **ARCHAETNOS** (name of company) declare that;

- I act as an independent specialist in this application.
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant.
- there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant/ Environmental Assessment Practitioner appointed by applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing any decision to be taken with respect to the application by the competent authority; and the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- **all the particulars furnished by me in this form are true and correct; and**
- **I realise that a false declaration is an offence in terms of Regulation 48 and is punishable in terms of Section 49B(2) of the Act.**



Signature of the specialist

Archaetnos

Name of company (if applicable)

2017-08-08

Date



Signature of the Commissioner of Oaths

2017-08-08

Date



Designation

Official stamp:





read

Department:
**Rural, Environment and Agricultural
Development**
North West Provincial Government
REPUBLIC OF SOUTH AFRICA



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1. Details of Specialist

Specialist:
Contact person:
Postal address:
Postal code:
Telephone:
E-mail:
Professional affiliation(s) (if any)

Dr JF Durand		
Dr JF Durand		
PO Box 31517, Totiusdal		
0134	Cell:	0832357855
	Fax:	
francois.karst@yahoo.com		
Palaeontological Society of Southern Africa		
South African Council for Natural Scientific Professions		

Project Consultant:
Contact person:
Postal address:
Postal code:
Telephone:
E-mail:

HydroScience		
Paulette Jacobs		
P.O. Box 1322, Ruimsig		
1732	Cell:	082 850 5482
082 667 5056	Fax:	086 692 8820
paulette@hydroscience.co.za		

2. Expertise of the Specialist including Curriculum vitae (Appendix 6 (1)(a)(ii) of EIA Regulations, 2014)

CV: DR. FRANÇOIS DURAND

ACADEMIC CAREER:

BSc Botany & Zoology (Rand Afrikaans University: 1983)
BSc (Hons) Zoology (University of the Witwatersrand: 1984)
PhD Palaeontology (University of the Witwatersrand: 1990)
Post-graduate Diploma in Museology (University of Pretoria: 1993)
Higher Education Diploma (Rand Afrikaans University: 2001)

AFFILIATION TO PROFESSIONAL SOCIETIES AND BODIES:

Member of Research Committee of the Cancer Association of South Africa (2010-2011),

Appointed by the Minister of the Department of Arts, Culture, Science and Technology to serve on the board of the Foundation for Education, Science and Technology (1996-1999),

Registered Professional Natural Scientist (Earth Science & Zoological Science) with the South African Council for Natural Scientific Professions, Palaeontological Society of Southern Africa,

CAREER:

1988-1997: Palaeontologist at the Council for Geosciences.
1998-2004: Lecturer at the Rand Afrikaans University in the Zoology Department.
2005-Present: Senior Lecturer at the University of Johannesburg in the Zoology Department.

EXPERIENCE:

Palaeontological assessments:

- Urban development in Cradle of Humankind World Heritage Site (Gauteng): Letamo, Honingklip, Windgat, Sundowners, Ekutheni
- Urban development at Goose Bay, Vereeniging, Gauteng
- Urban development on Portions 98, 99, 179, 236, 284 and 364 of the farm Waterkloof 306 JQ, Rustenburg, North West Province
- Upgrade of R21 between N12 and Hans Strydom Drive, Gauteng
- Vele Colliery, Limpopo Province
- De Wildt 50 MW Solar Power Station, Gauteng
- 10 MW PV Plant Potchefstroom, North West Province
- Omega 342 50MW Solar Power Station, Viljoenskroon, Free State
- Springfontein wind and solar energy facility, Free State
- Solar power plant, Bethal, Mpumalanga
- Diamond mine on Endora, Limpopo Province
- Development at Tubatse Ext.15, Limpopo Province
- Manganese mine south of Hotazel, Northern Cape
- Wind energy facility at Cookhouse, Eastern Cape



- Energy facility at Noupoot, Northern Cape
- Fluorspar mine near Wallmannsthal, Gauteng
- ESKOM power line, Dumo, KwaZulu-Natal
- ESKOM Gamma-Omega 765KV transmission line, Western Cape
- ESKOM 44KV power line at Elandspruit near Middelburg, Mpumalanga
- ESKOM Makopane Substation, Limpopo Province
- ESKOM Platreef Substation and power lines to Borutho MTS Substation, Limpopo Province
- Solar energy facility at Prieska, Northern Cape.
- Marang B - a 3 x 500MVA 400/132kV Main Transmission Substation east of Rustenburg, North West Province
- Upgrading of storm water infrastructure in Valencia, Addo, Eastern Cape
- Development of a 10 MW Solar Energy facility on the Farm Liverpool 543 KQ Portion 2 at Koedoeskop, Limpopo Province
- Development of a fluorspar mine at Wallmannsthal, North of Pretoria
- Extension of limestone mine on the farms Buffelskraal 554 KQ Portion1 and Krokodilkraal 545 KQ, Limpopo Province
- Leşego Platinum Mine, Sekhukhune Area, Steelpoort, Limpopo Province
- Mine at Hotazel, Northern Cape
- Pollution control dams at Transalloys in Clewer, Emalaheni, Mpumalanga
- Erection of spill points on the Farm Kwikstaart 431 KQ Portion 2, Thabazimbi, Limpopo Province
- Construction of dam at Ethemba, Swaziland
- Construction of bridge at Busingatha, KwaZulu Natal
- Water Reticulation System - Kei Road and Berlin General, Eastern Cape
- Development at Kromdraai, COHWS (Portion 26 of the Farm Kromdraai, West Rand Municipality)
- Construction of Nhlezi Bridge, KwaZulu Natal
- Erection of spill point and dam on the Farm Faure 72 KQ Portion 8, Makoppa near Thabazimbi, Limpopo Province
- Colliery on the Farm Goedehoop near Piet Retief, Mpumalanga
- Erection of spill points on the Farm Diepwater 302 KQ Portions 4 -8 near Thabazimbi, Limpopo Province
- Construction of 2 MW photovoltaic power plant on the farm De Hoek 32, Pixley ka Seme District Municipality, Northern Cape Province
- Road upgrade near Magogo, KwaZulu/Natal
- Construction of haul road & waste dump; Lylyveld, Sishen, Northern Cape
- Construction of 4 weirs and a road culvert on Portion 3 of the Farm Roodekrans 133JT, Dullstroom Area, Mpumalanga
- Construction of a solar energy facility on Blaubospan near Groblershoop, Northern Cape
- Construction of road from Macengeni to Macijo, KwaZulu/Natal
- Construction of the John Taole Gaetsewe school and hostels in Dithakgong, Northern Cape
- Development at Duduza Township, Gauteng
- Construction of roads near Ndanyana KwaZulu/Natal
- Development of colliery on the farm Goedehoop near Piet Retief, Mpumalanga



- Development of orchards on the Farm Kromdraai, near Thabazimbi, Limpopo Province.
- Upgrade of Section 3 and Section 4 of the National Route R75, Eastern Cape.
- Construction of Concentrated Power Plants at Olyvenhout Drift, Upington, Northern Cape.
- Borrow pit at New Payne in Mthatha, Eastern Cape.
- Borrow pit for rural road to Centuli Clinic, Eastern Cape.
- Juno Gromis 400kV power line (West Cape and North Cape).
- Barberton IAPS Waste Water Treatment Works, Barberton, Mpumalanga.
- Development of orchards on the Farm Kromdraai, Thabazimbi, Limpopo Province.
- Erection of spill points on the farm Knoppieskop, Limpopo Province.
- Development at O.R. Tambo International Airport, Gauteng.
- Development on Portion 12 of the Farm Tregaron in the Sundays River Municipality, Eastern Cape
- Development of spill points and dam on the Farm Fairfield 306 KQ, Makoppa near Thabazimbi, Limpopo Province
- Development of 800 ha dry lands on Farm Hoylestdale 163 KQ portion 1, Makoppa, Thabazimbi Local municipality, Limpopo Province
- Construction of solar energy facility on Blauwpospan near Groblershoop, Northern Cape.
- Development of the Doornhoek Fluorspar Mine near Zeerust, Northwest.
- Development on the Farm Haakdoringdrift, 373 KQ Portion 3, Thabazimbi, Limpopo Province.
- Development of bulk sewer line, Motherwell, Eastern Cape.
- Erection of spill points on the Farm De Hoop, Koedoeskop, near Thabazimbi, Limpopo Province,
- Construction of Tiger Solar power plant near Windsorton, Northern Cape,
- Development of Amandelbult Open Cast Mine near Thabazimbi, Limpopo
- Development at The Shed in the Cradle of Humankind World Heritage Site
- Development of 800 ha dry lands on Farm Hoylestdale 163 KQ portion 1, Makoppa, Thabazimbi Local municipality, Limpopo Province,
- Construction of solar energy facility on Blauwpospan near Groblershoop, Northern Cape,
- Proposed development at Jeffreys Bay, Eastern Cape,
- Development of the Doornhoek Fluorspar Mine near Zeerust, Northwest,
- Development on the Farm Haakdoringdrift, Thabazimbi, Limpopo,
- Proposed improvement of National Route R510 Section 2 from Bierspruit Bridge to Thabazimbi, Limpopo Province,
- Development at O.R. Tambo International Airport, Gauteng.
- Development on Portion 12 of the Farm Tregaron in the Sundays River Municipality, Eastern Cape,
- Proposed development at Erasmus Park, Pretoria, Gauteng,
- Development of spill points and dam on the Farm Fairfield 306 KQ, Makoppa near Thabazimbi, Limpopo Province,
- Electrification project in the Taung Skull Site buffer zone in Buxton, North West Province,
- Erection of spill points on the Farm Faure near Thabazimbi, Limpopo Province,



- Development of Marang Solar Energy Facility on Blauwbospan near Groblershoop, Northern Cape.
- Construction of the Sorata-Witsieshoek 132kV Power Line, Free State.

Palaeontological research:

- Gauteng: Wonder Cave
- KwaZulu/Natal: Newcastle, Mooi River, Rosetta, Impendle, Himeville Underberg, Polela & Howick Districts, Sani Pass
- Eastern Cape: Cradock District, Algoa Basin
- Western Cape: Clanwilliam District
- Free State: Memel & Warden Districts
- Limpopo Province: Nyalaland (KNP), Vhembe Reserve, Pont Drift
- Zimbabwe: Sentinel Ranch, Nottingham

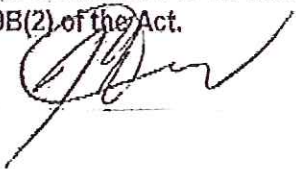


3. Declaration by Specialist

I, Jacobus Francois Durand (Name of Specialist) of _____ (name of company) declare that;

- I act as an independent specialist in this application.
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant.
- there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant/ Environmental Assessment Practitioner appointed by applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing any decision to be taken with respect to the application by the competent authority; and the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of Regulation 48 and is punishable in terms of Section 49B(2) of the Act.

Signature of the specialist



Name of company (if applicable)

Date

11/9/2017

Signature of the Commissioner of Oaths

Date

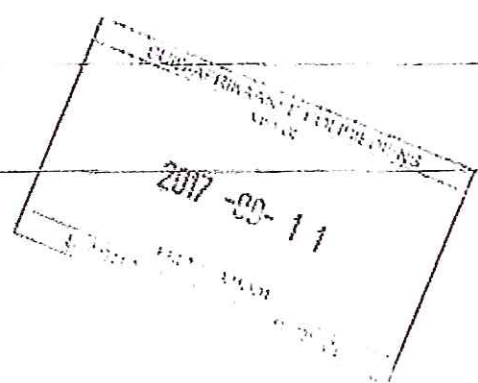
Designation

Official stamp:

Thula captain in the THULARE

2017/09/11

Captain





read

Department:
**Rural, Environment and Agricultural
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Telephone:
E-mail:
Professional affiliation(s) (if any)

Ms Melissa Moffett – African Litany		
Ms Melissa Moffett		
P.O. Box 387, Ficksburg		
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082 571 4842	Fax:	086 518 3011
melissa@africanlitany.co.za		
Southern African Institute of Ecologists and Environmental Scientists Member of the Botanical Society of South Africa		

Project Consultant:
Contact person:
Postal address:
Postal code:
Telephone:
E-mail:

HydroScience		
Paulette Jacobs		
P.O. Box 1322, Ruimsig		
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paulette@hydroscience.co.za		

2. Expertise of the Specialist including Curriculum vitae (Appendix 6 (1)(a)(ii) of EIA Regulations, 2014)

Qualifications

MSc in Botany
BSc Honours in Geography
BSc majoring in Botany, Zoology and Geography

Years of Experience

Ms Moffett has been practising as an environmental management consultant specialising in ecological surveys for than 20 years and has extensive experience in this discipline.

Fields of Expertise

She has extensive experience in the following disciplines:

- ✓ Environmental Impact Assessments (Screening, Scoping & EIA level)
- ✓ Ecological Assessments
- ✓ Public Participation
- ✓ Water Use Licence Applications
- ✓ Environmental Due Diligence
- ✓ Social and Labour Plans (Mining)
- ✓ Closure Cost Calculations
- ✓ Environmental Management Plans and Programmes
- ✓ Waste permit applications
- ✓ Environmental Auditing

Ecological / Biodiversity Surveys

She has undertaken Ecological / Biodiversity specialist studies in support of a range of different projects:

- Ecological study for proposed rural road development projects in southern Africa (Lesotho, Malawi, Zambia and South Africa).
- Vegetation surveys in support of mining right applications (coal, platinum, limestone, diamond mines).
- Ecological surveys for Transmission Lines and substation infrastructure for Eskom (South Africa) and Lesotho Electricity Company (Lesotho).
- Ecological surveys for various infrastructure projects including residential housing developments, bulk water supply, underground coal gasification projects.



Declaration by Specialist

I, **MELISSA MOFFETT** (Name of Specialist) of **AFRICAN LITANY** (name of company) declare that;

- I act as an independent specialist in this application.
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant.
- there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
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- I undertake to disclose to the applicant/ Environmental Assessment Practitioner appointed by applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing any decision to be taken with respect to the application by the competent authority; and the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- all the particulars furnished by me in this form are true and correct; and

I realise that a false declaration is an offence in terms of Regulation 48 and is punishable in terms of Section 49B(2) of the Act.

M Moffett

Signature of the specialist

African Litany

Name of company (if applicable)

2017-09-06

Date

7086464-1
(S) RADEBE

Signature of the Commissioner of Oaths

2017-09-06

Date

CONSTABLE
Designation

Official stamp:

