

Wupperthal Restoration project.
Reporting Period: 25 January – 27 February 2020

Document Title:	Boland Bouers monthly report for Wupperthal	
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	Compiled by:	Reviewed and Approved by:
	Contracts Manager:	Contract Director:
	Ian Rabie	Kobus Smit
Signatures:		
Date:	27 February 2020	

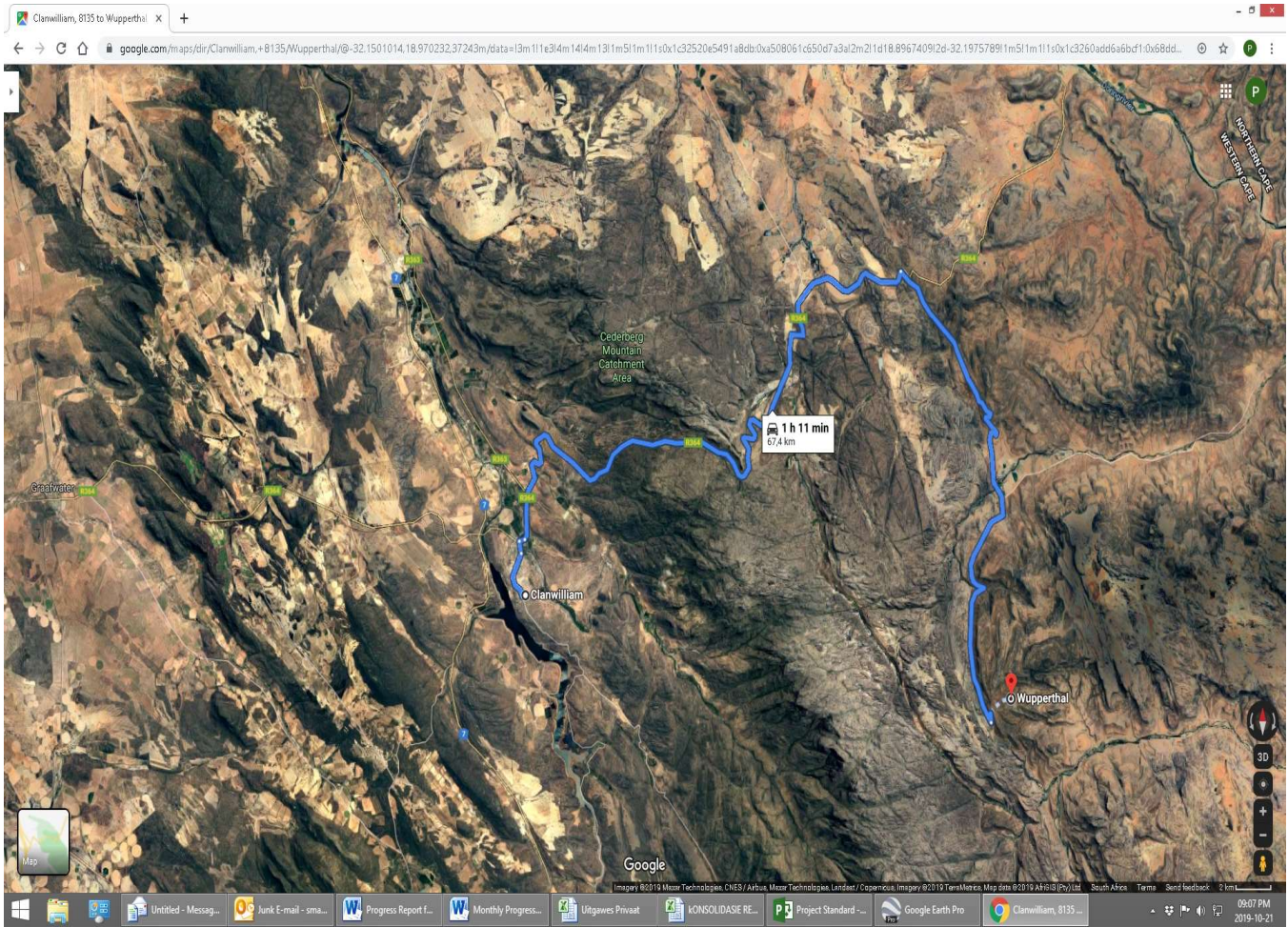
1. PROJECT OVERVIEW:

1.1 GENERAL PROJECT OVERVIEW:

FACILITY DETAILS
Project name: <i>Wuppertal Restoration</i>

1.2 PROJECT LOCATION:

Wupperthal is situated approximately 68 km south east of Clanwilliam in the Western Province of South Africa.



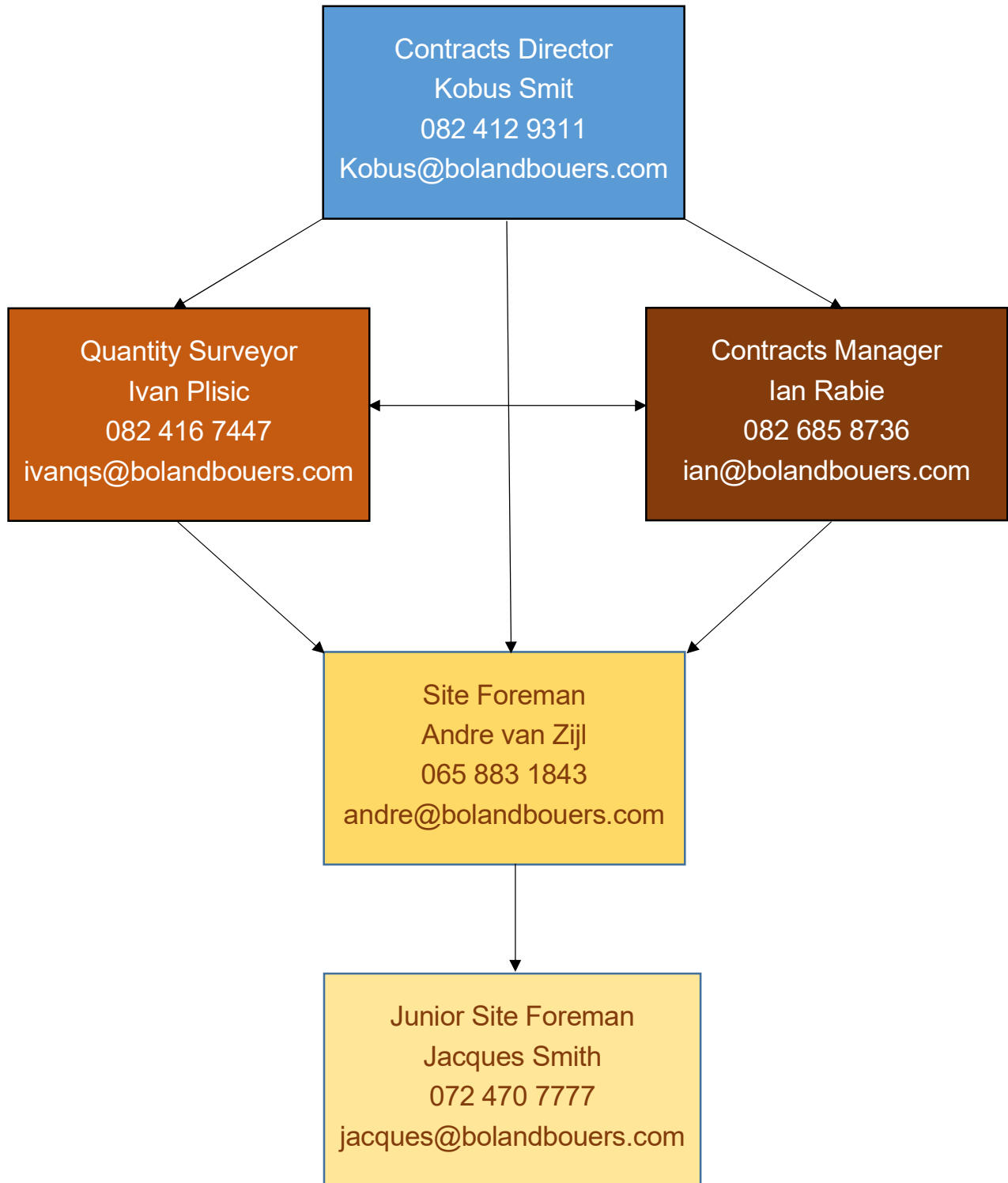
Longitude:	19°13.01.11"E
Latitude:	32°16'39.57"S
Tar	45 km
Gravel	35 km

1.3 STAKEHOLDERS:

Entity:	Description:
Moravian Church of South Africa	Land Owner
Die Rupert Historiese huise stigting	Financier

2. MAIN CONTRACTOR MANAGEMENT TEAM & PROJECT ORGANOGRAM:

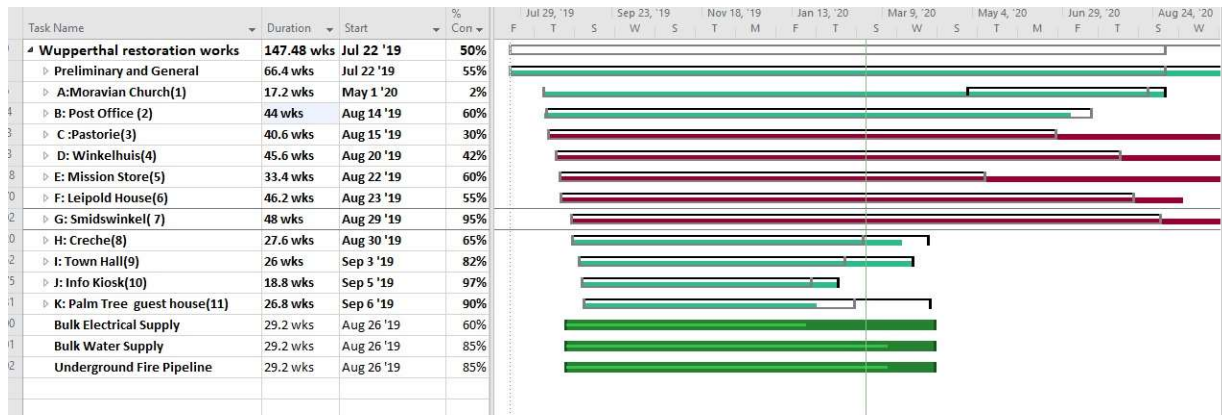
2.1 MAIN CONTRACTOR MANAGEMENT TEAM & KEY PERSONNEL:



3. PROJECT PROGRAMME & KEY PROJECT MILESTONES:

Baseline Project Program

** See Attachment Wupperthal 1308 Baseline



3.1 KEY PROJECT MILESTONE DATES

Milestones:	Approved Project Completion Dates		Current Project Completion Dates
	Section start Date	Section End Date	Section End Date
Community Hall	03/09/2019	27/03/2020	27/03/2020
Crèche	13/08/2019	06/04/2020	06/04/2020
Palm Tree Guest House	06/09/2019	07/04/2020	07/04/2020
Mission Store	22/08/2019	11/05/2020	25/05/2020
Pastorie	15/08/2019	24/06/2020	25/08/2020
Winkelhuis	20/08/2019	03/08/2020	24/08/2020
Moravian Church	12/08/2019	30/08/2020	30/08/2020
Post Office	14/08/2019	16/07/2020	16/07/2020
Leipoldt House	23/08/2019	11/08/2020	11/08/2020
Smitswinkel	29/08/2019	28/08/2020	28/08/2020

4. CONSTRUCTION PROGRESS

4.1 SITE ESTABLISHMENT

Site Establishment completed. Secure Fire to establish from 29 January 2020.

4.2 TOWN HALL

Painting of the structure, flooring, window glass installations along with breaking up and laying of the klipvloer around the hall is currently underway. We expect to have the Hall completed by the end of March 2020. This will be on time for the commencement of work on the church.

4.3 CRECHE

Most of the building works have been completed. Plaster works are 90% complete. The thatch roof has been completed and we are currently busy with stone work in front of the building. The water and sewage work has been corrected. We expect the building to be completed by the end of March, as we are slightly behind.

4.4 PALM TREE GUEST HOUSE

Roof painting and waterproofing has been done. The water, sewage and electrical installations have all been completed. Some finishes still need to be done. We are currently ahead of our scheduled program and expect the house to be completed by the end of March 2020

4.5 MISSION STORE

The roof has been painted and waterproofing has been done. The gables have been built up and plastered. The water connection and drain pipes have also been installed. We will commence with the installation of the doors and windows, after which we will install the ceilings and floors. We are slightly behind.

4.6 PASTORIE

All building work (replacing of wooden lintols with concrete lintols) and stitching of cracks in the walls have been completed. (+- 520 running meters of lintols) We are currently busy with internal and external plaster work. We are slightly behind.

4.7 WINKELHUIS

The plastering works have been completed. The ceiling balke have been installed (27/02/2020) and thatching of the roof will commence on the 2nd of March 2020.

We are slightly behind.

4.8 MORAVIAN CHURCH

There is no current work activities being done on the church as we are scheduled to commence work after the Easter holiday. We have planned to complete the necessary work over a period of 4 months.

4.9 POST OFFICE

We are currently busy with patching work (plumbing work is currently underway). Installation of new canopy will follow in due course. The electrical installation has been connected and bulk services are done. Currently behind scheduled program but the scope of works on this building has changed dramatically, but these activities do not have any affect on our critical path.

4.10 LEIPOLDT HOUSE

The roof has been completed (27/02/2020) and we are currently busy with cleaning the site ahead of commencing work inside the building.

Currently ahead of schedule.

4.11 SMIDSWINKEL

Electrical bulk services are done.

Currently ahead of schedule.

4.12 FIRE LINE

We are currently busy with underground pipe work with 620m already laid.
95% completed – 90mm uprights still to be connected.

5. PROGRESS REPORT

5.1 ANALYSIS OF THE CONSTRUCTION PROGRESS

5.1.1 ALL BUILDINGS

Activity	Planned completion (%)	Actual completion (%)
Site Establishment	100	100
Town/ Community Hall	80	82
Crèche	70	65
Palm tree guest house	90	90
Mission Store	60	60
Pastorie	50	30
Winkelhuis	40	42
Moravian Church	2	2
Post Office	100	60
Leipoldt House	55	55
Smidswinkel	80	95
Bulk Electrical supply	50	60
Bulk Water supply	50	85
Underground Fire pipeline	50	85
<u>Overall progress</u>	<u>62.46</u>	<u>65.07</u>

5.1.2 CRITICAL PATH ANALYSIS

Our critical path is largely dependent on the construction of the thatch roofs on all the buildings, but has been adjusted as required to reflect a more accurate scenario. We are continuously monitoring construction activities and progress of works on all buildings related to any changes or adjustments that are presented.

5.1.3 MONTHLY FORECAST

The town hall and creche are to be handed over before easter weekend in order to commence building work on the church directly thereafter. Simultaneously, the Smidswinkel and Palmhouse handover will take place.

6. HEALTH AND SAFETY

1 Incident on site. (Robbi Thatch.) One of the workers fell from a scaffolding/Roof. Person is well and waiting in Wupperthal for medical clearance in order to start working again.

Last months score: 92%

7. ENVIRONMENTAL

Nothing to report, also see Cement Log below.

Date	Cement Received	Cement used	Area where cement was used	Building where cement was used
09/09/2019	30	22	Poles planted	Canteen for workers
18/09/2019	80	69	Crèche	Foundations
		12	Town hall	Foundations to stage
		8	Palm house	Foundations
		2	Palm house	Foundations
		1	Repair to existing furrow	Repairs
14/10/2019	120	8	Mission Store	Foundations
		15	Mission Store	Foundations
		12	Lodge	Trench
		23	Lodge	Trench
		5	Winkelhuis	Pantry restoration
		1	House Vuka	Step
		64	Crèche Floors	Floors
		6	Roof to Leipoldt House	Roof
29/11/2019	160	6	Leipolt	Toilet roof
14/01/2020	120	7	Pastorie	Pantry foundation
		6	Saal	Floor columns
		4	Water trench	Foundations and repair work
		2	Missionstore	Manhole
		38	Fire hydrants	Thrust blocks
<u>TOTALS</u>	<u>510</u>	<u>311</u>		

There was nothing to report during the excavation of the trenches however, photographs are available upon request.

8. DESIGN STATUS

All drawings have been issued and are on our Drawings register

9. RFI'S.

A request for information has been implemented to get information when and where required. We are currently with RFI no 35

9.1 REQUEST FOR INFORMATION LOG:

We are currently at RFI no 35.

Site/ Contract Instructions are up to no 236 (27/02/2020).

All RFI`S have been answered or attended to.

10. SUBCONTRACTOR STATUS

10.1 SUB-CONTRACTORS

Robbi Thatch	Roofing and Thatching contractor	On Site
Indolek	Electrical Contractor	On site
Secure Fire Coastal	Fire hydrants and pipelines	On site
C&T Solar/Plumbing	Plumbing Contractor	On site

10.2 LABOUR

<u>Trade</u>	<u>Local</u>	<u>Own Personnel/ Sub Contractors</u>
Bricklayers	5	3
Carpenters	2	1
Painters	2	2
Glazier	2	0
Pipe layers	8	0
Workers	18	7
Thatching Contractor	7	12
Electrical Contractor	2	1
Plasters	0	6
Total	46	32

10.3 DRUGS TEST OUTCOMES – 27/02/2020

<u>Position</u>	<u>Test for THC (weed)</u>	<u>Area of residence</u>
Bricklayer	positive	Langbome
Bricklayer	positive	Kouberg
Bricklayer	positive	Kleinvlei
Bricklayer	positive	Beukeskraal
Bricklayer	positive	Beukeskraal
Labourer	positive	Suurrug
Labourer	positive	Menskraal
Labourer	positive	Wupperthal ou dorp
Labourer	positive	Wupperthal wit huisies
Labourer	positive	Wupperthal bo dorp
Trench worker	positive	Beukeskraal
Trench worker	positive	Beukeskraal
Thatcher	positive	Wupperthal ou dorp
Thatcher	positive	Wupperthal ou dorp
Plaster	positive	Cape Town

10.3 PLANT

Digger loader	1
Front end Loader	1
Tractor with trailer	2
Extra trailers	2
Concrete Mixer	1
Pan mixers	2
Total tyres fixed to date	83 (3.6 flat tyres per week)

12. PHOTO REPORT

Smidswinkel



Pastorie



Mission Store



Winkelhuis



Palmhuis



Poskantoor



Crèche



Community Hall



Leipoldthuis

