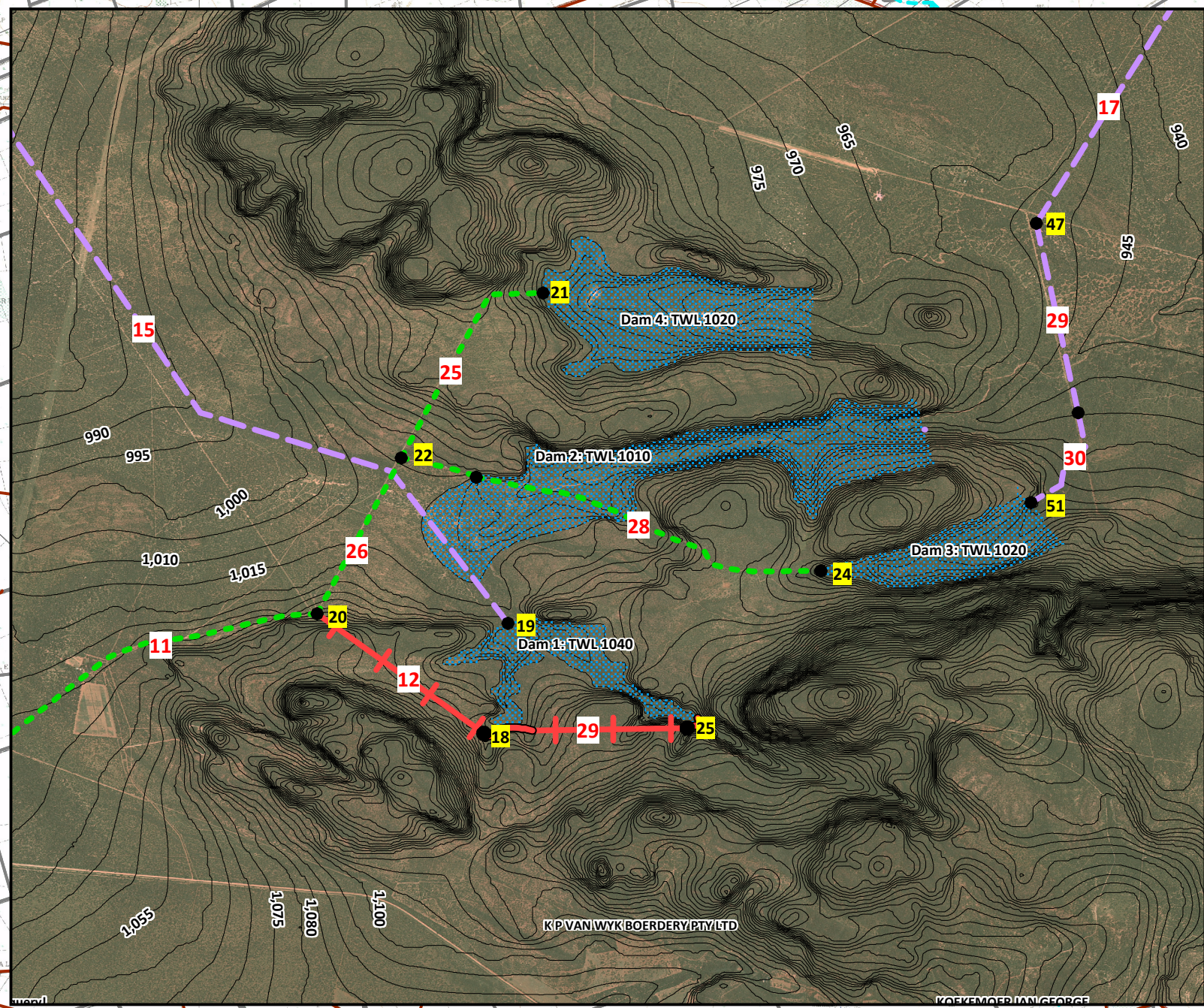


Interim and Delivery System Pipe Sections:

Pipe Section	Nodes
1	Node 30 - 31
2	Node 31 - 32
3	Node 32 - 33
4	Node 33 - 34
5	Node 34 - 35
6	Node 35 - 36
7	Node 36 - 37
8	Node 37 - 38
9	Node 38 - 39
10	Node 39 - 40
11	Node 40 - 41
12	Node 41 - 42
13	Node 42 - 43
14	Node 43 - 44
15	Node 44 - 45
16	Node 45 - 46
17	Node 46 - 47
18	Node 47 - 48
19	Node 48 - 49
20	Node 49 - 50
21	Node 50 - 51
22	Node 51 - 52
23	Node 52 - 53
24	Node 53 - 54
25	Node 54 - 55
26	Node 55 - 56
27	Node 56 - 57
28	Node 57 - 58
29	Node 58 - 59
30	Node 59 - 60

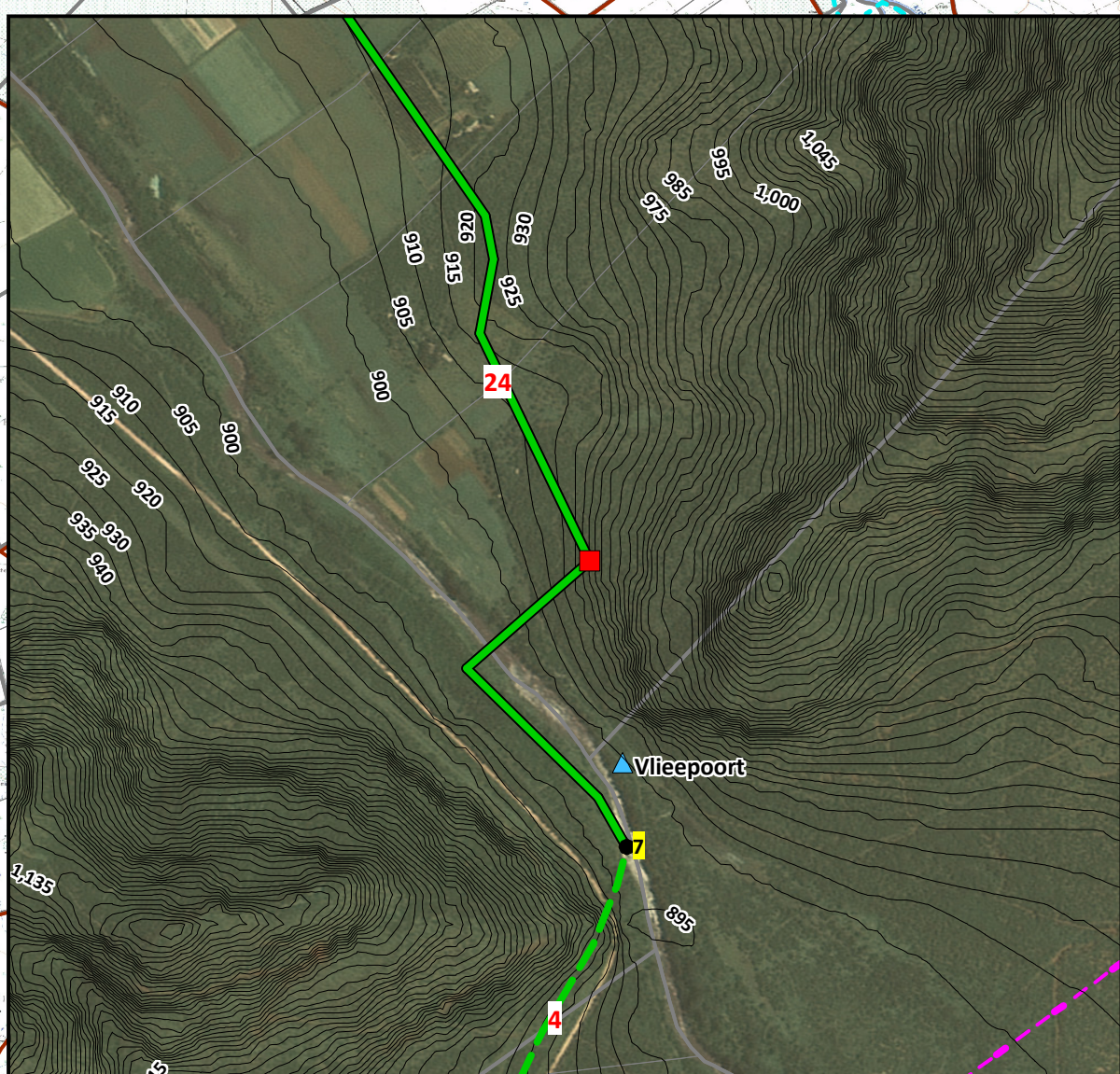
Terminal Dam Sites



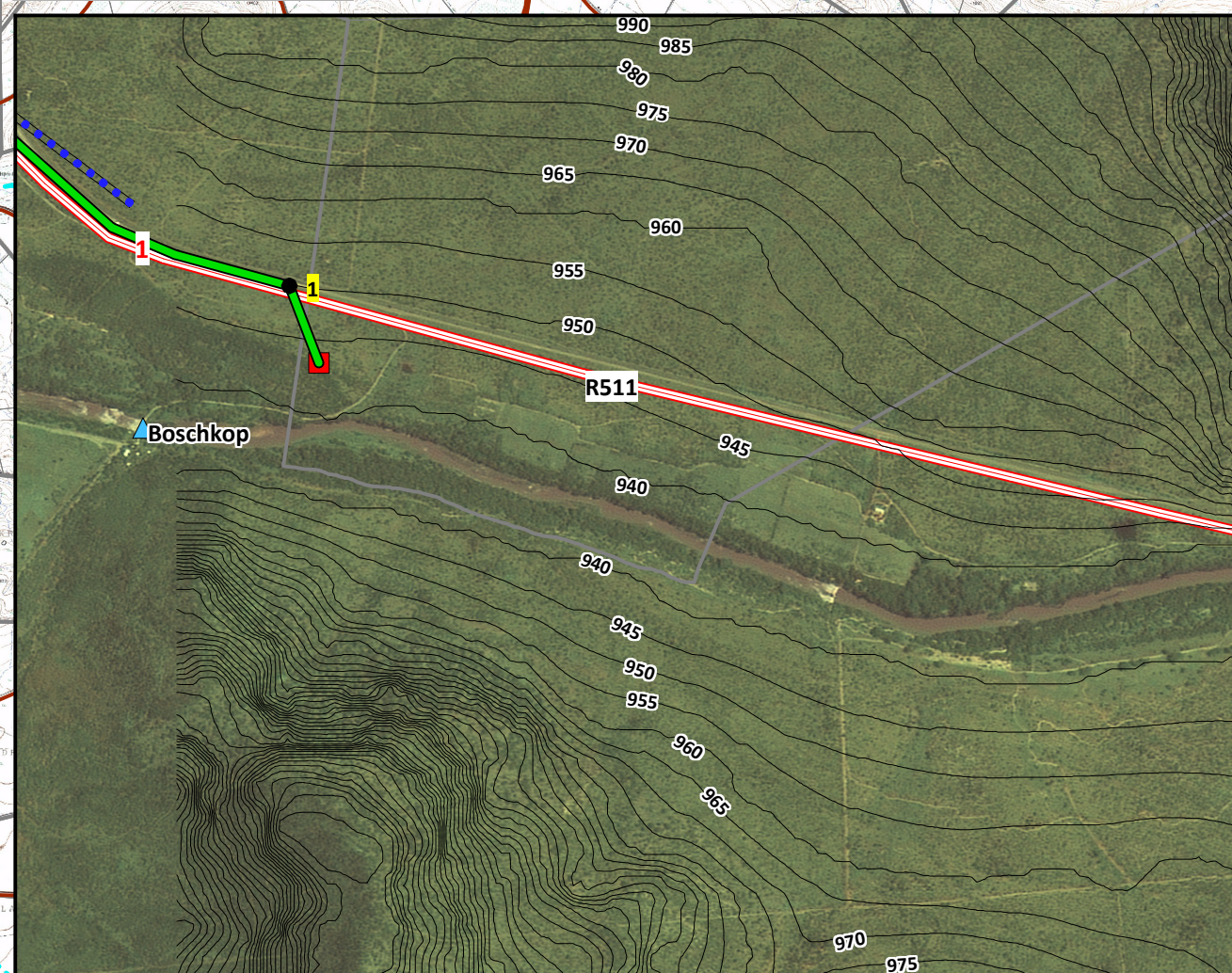
Mokolo Weir



Vleiepoort Weir

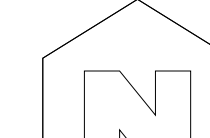


Boschkop Weir

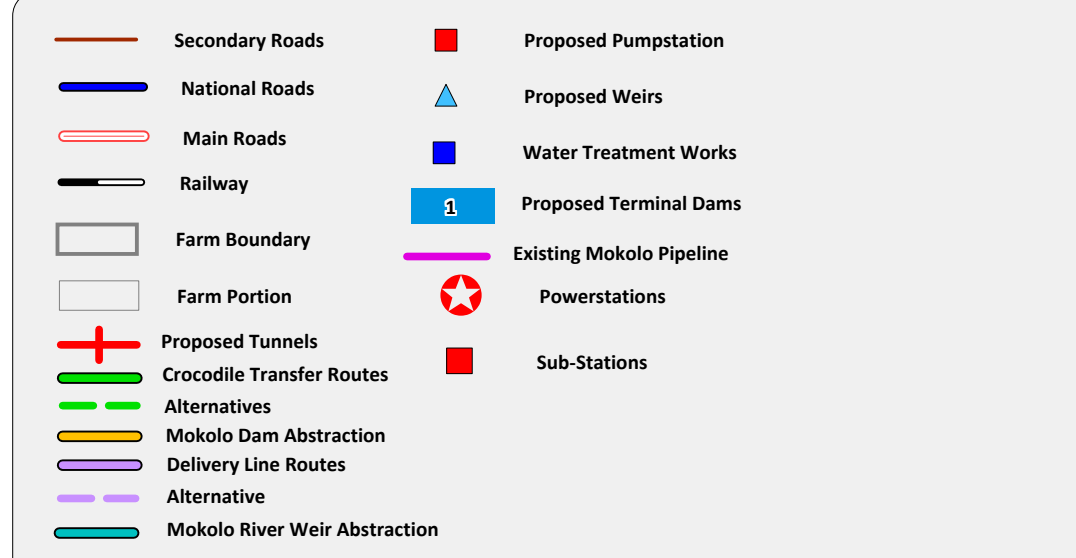


Transfer System Pipe Sections:

Pipe Section	Nodes
1	Node 1 - 2
2	Node 2 - 3
3	Node 3 - 4
4	Node 4 - 5
5	Node 5 - 6
6	Node 6 - 7
7	Node 7 - 8
8	Node 8 - 9
9	Node 9 - 10
10	Node 10 - 11
11	Node 11 - 12
12	Node 12 - 13
13	Node 13 - 14
14	Node 14 - 15
15	Node 15 - 16
16	Node 16 - 17
17	Node 17 - 18
18	Node 18 - 19
19	Node 19 - 20
20	Node 20 - 21
21	Node 21 - 22
22	Node 22 - 23
23	Node 23 - 24
24	Node 24 - 25
25	Node 25 - 26
26	Node 26 - 27
27	Node 27 - 28
28	Node 28 - 29



Scale: 1:140,000



PROJECT:
Mokolo Crocodile West Augmentation Project

DRAWING NR:
WP 9528/LD/CTS/002/A

DRAWING TITLE:
Proposed Abstraction, Transfer and Delivery Infrastructure Layout Plan

REVISION:	Rev No	Rev by	Description	Date
1	1	J. F. Prinsloo	Steenbok Pan link added, Interim & Delivery System node and pipe sections renumbered.	27/06/2008
2	2	J. F. Prinsloo	Node and pipe sections renumbered	16/07/2008
3	3	J. F. Prinsloo	Node and pipe sections revised	25/07/2008
4	4	J. F. Prinsloo	Pipe section 34 revised, Terminal Dam Site pipe routes revised	05/08/2008
5	5	J. F. Prinsloo	Terminal Dam access revised, Western Bypass added	11/08/2008
6	6	J. F. Prinsloo	Pipe section 31 added	18/08/2008
7	7	J. F. Prinsloo	Delivery system to Steenbokpan revised	15/09/2008
8	8	J. F. Prinsloo	Revised Delivery Lines	31/10/2008

COMPILED BY:

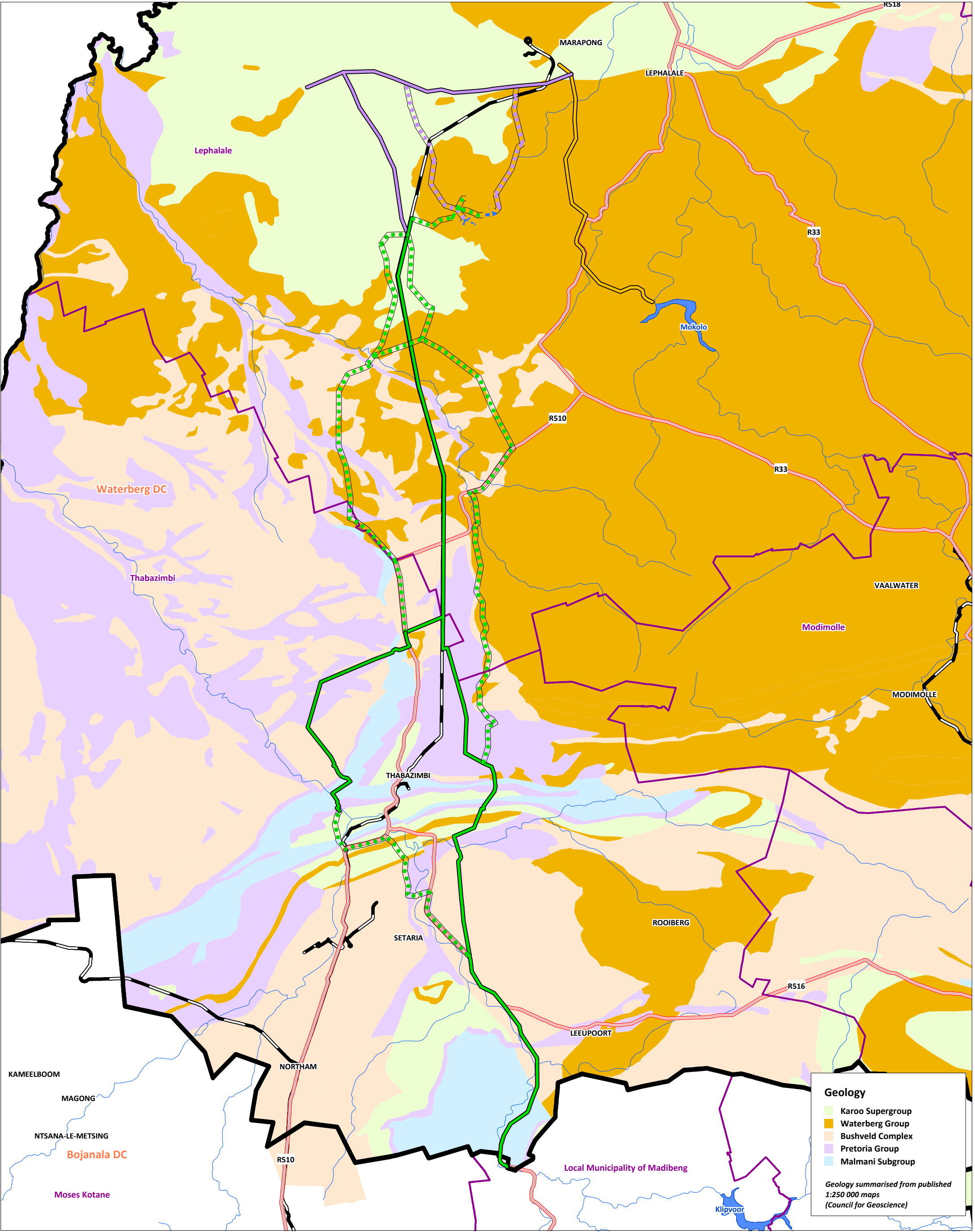


PREPARED FOR:

Department of Water Affairs and Forestry
Mr Ockie van den Berg
Tel: 012 336 8613

IN ASSOCIATION WITH:





Geology

- Karoo Supergroup
- Waterberg Group
- Bushveld Complex
- Pretoria Group
- Malmani Subgroup

Geology summarised from published 1:250 000 maps (Council for Geoscience)

Provincial/National Boundary

District Municipality Boundary

Local Municipality Boundary

Pipeline Routes

- Crocodile River (West) Transfer Routes
- Crocodile River (West) Alternative Pipeline Routes
- Mokolo River Transfer Routes
- Delivery Pipeline Routes
- Delivery Pipeline Alternative Routes
- National Roads
- Railway lines

PROJECT:

Mokolo and Crocodile (West) Water Augmentation Project Feasibility Study: Technical Module

DRAWING TITLE:

MCWAP: Phase 1 A: Geology

DRAWING NR:

WP 9528/LD/CTS/005/A

N

90918

Kilometers

Scale: 1:440,000

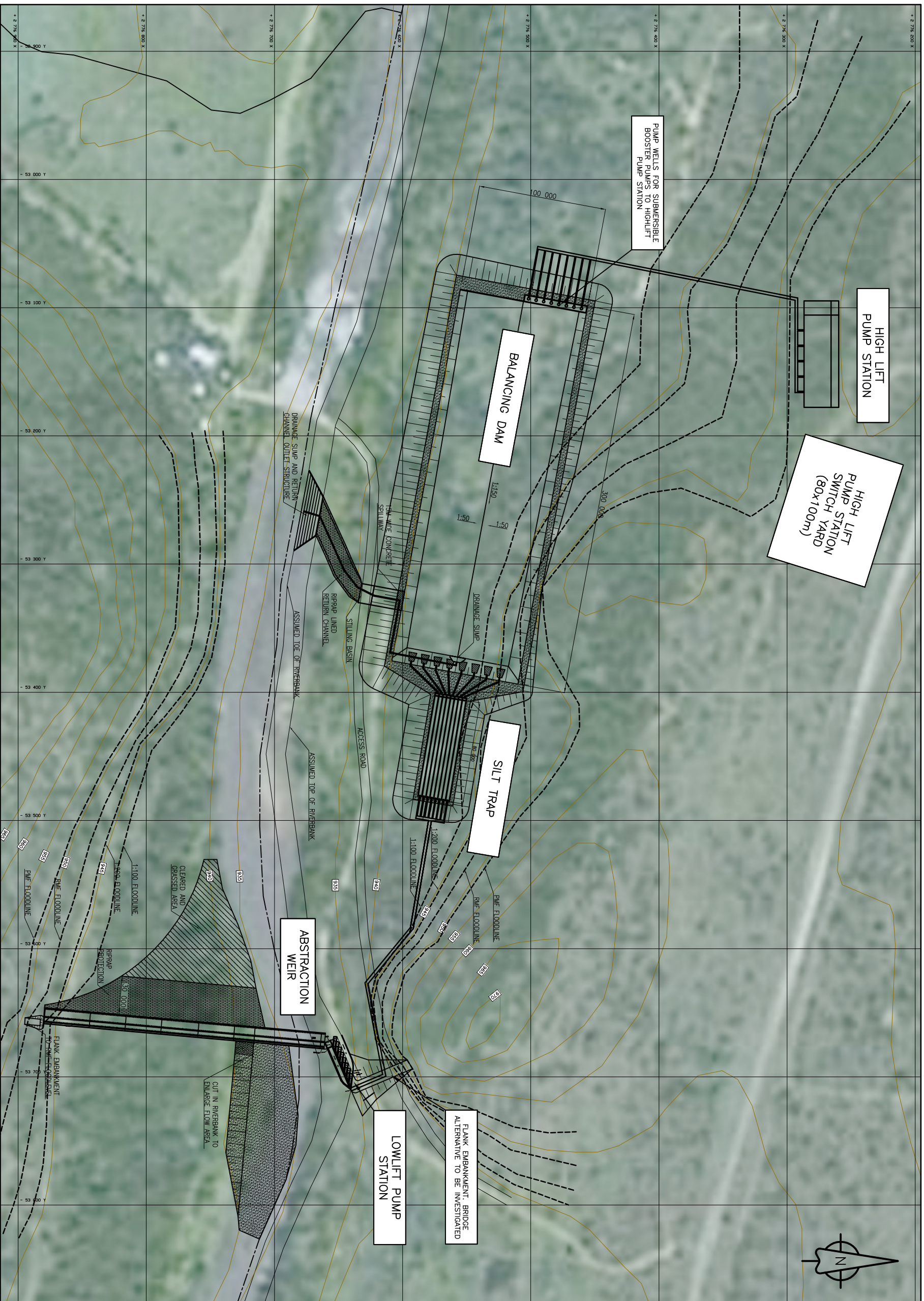
COMPILED BY:

IN ASSOCIATION WITH:

PREPARED FOR:

Department of Water Affairs and Forestry
Mr Ockie van den Berg
Tel: 012 336 8613

- ## NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.
 2. ALL LEVELS IN METRES ABOVE SEA LEVEL. (M.A.S.L.)
 3. COORDINATE SYSTEM BASED ON LDZ7 HARBESTHOCK 94

[illegible]

SCALE 1:1 500

0

10

50

100

150

SETTING OUT POINTS:

LOCATION / NUMBER	Y	X	LEVEL (mm)

