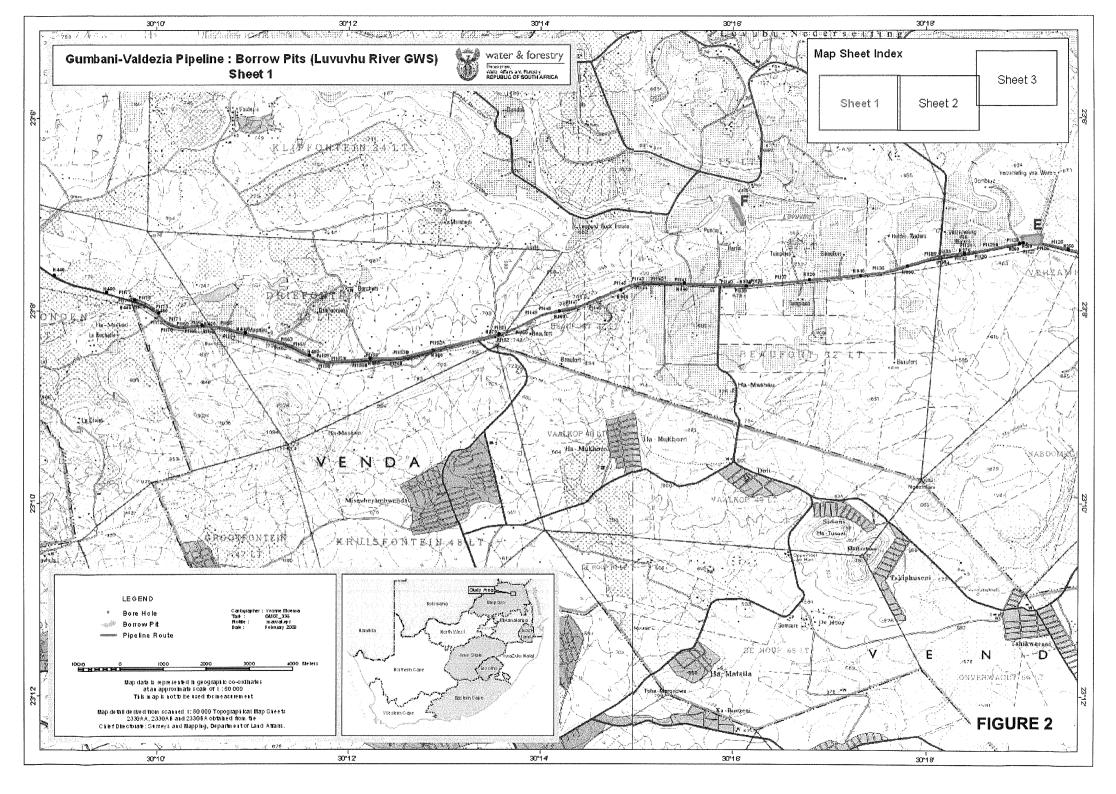
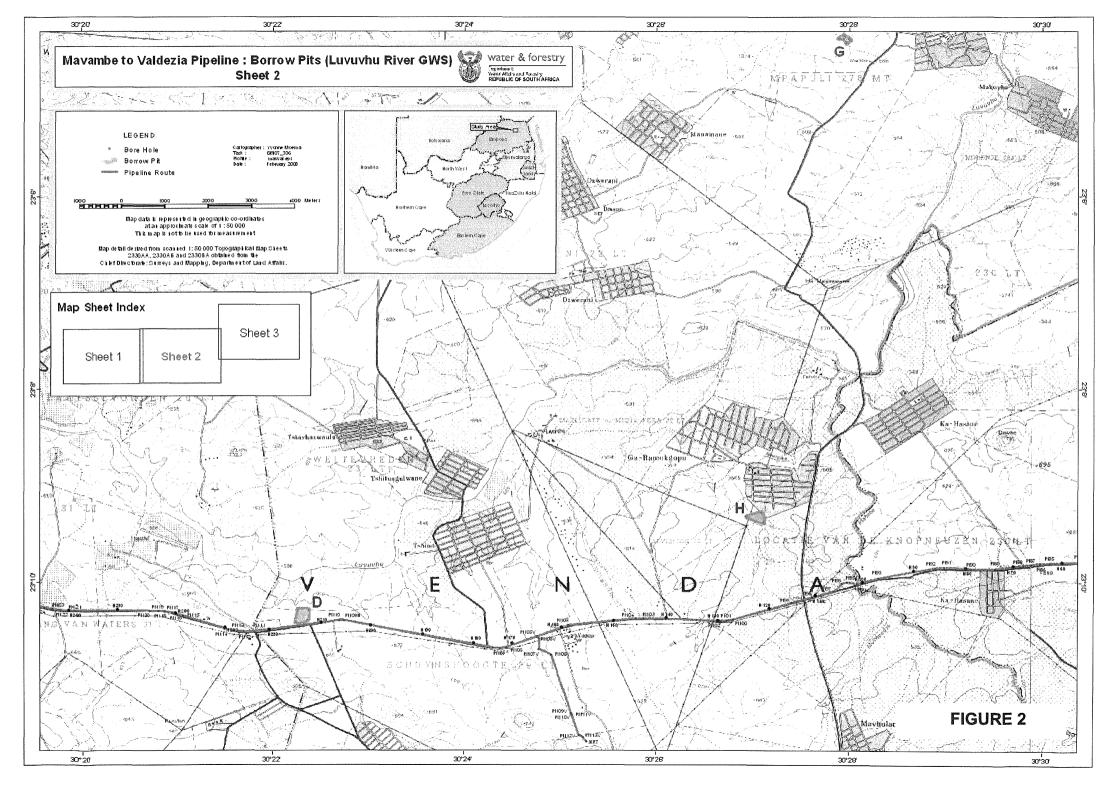
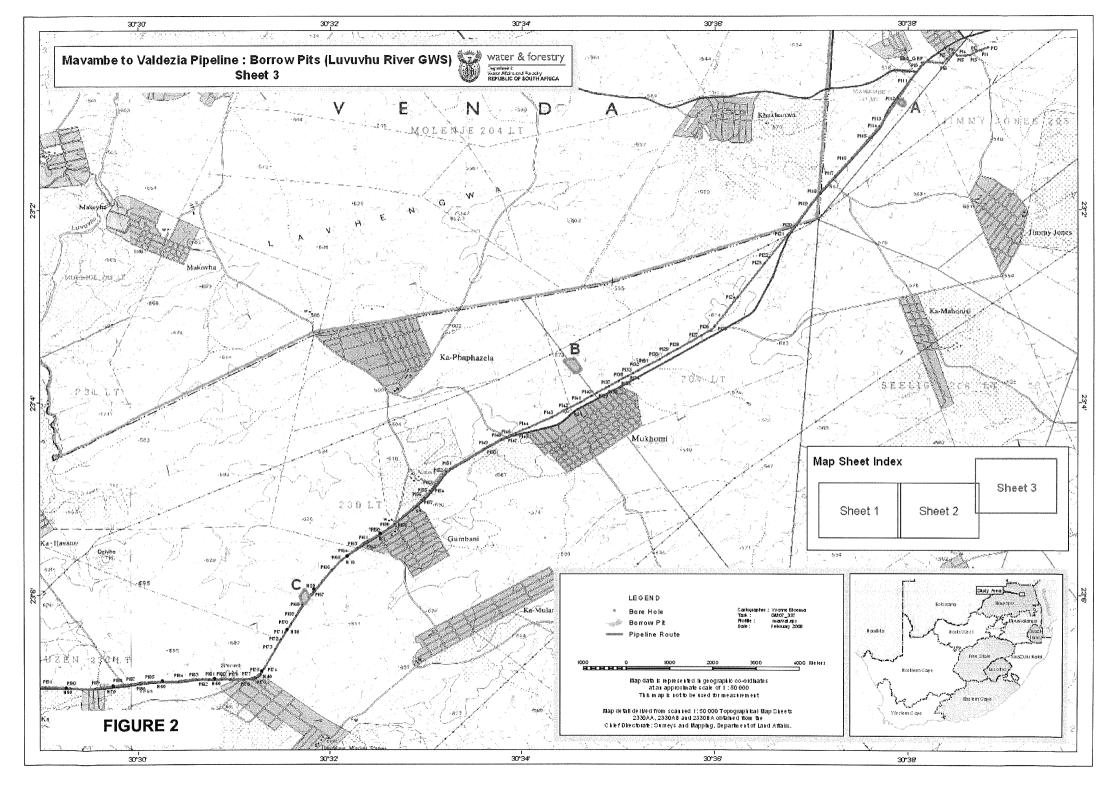


Figure 1: Project Locality Map







(Refer to

Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
F	Vhembe	Beaufort 32-LT, Portion 5 and Levubu 15 – LT Portion 47	Haasbroek Phillip Rudolf and Shigalo communal Prop Assoc	MW3 700mm	Levuvhu River

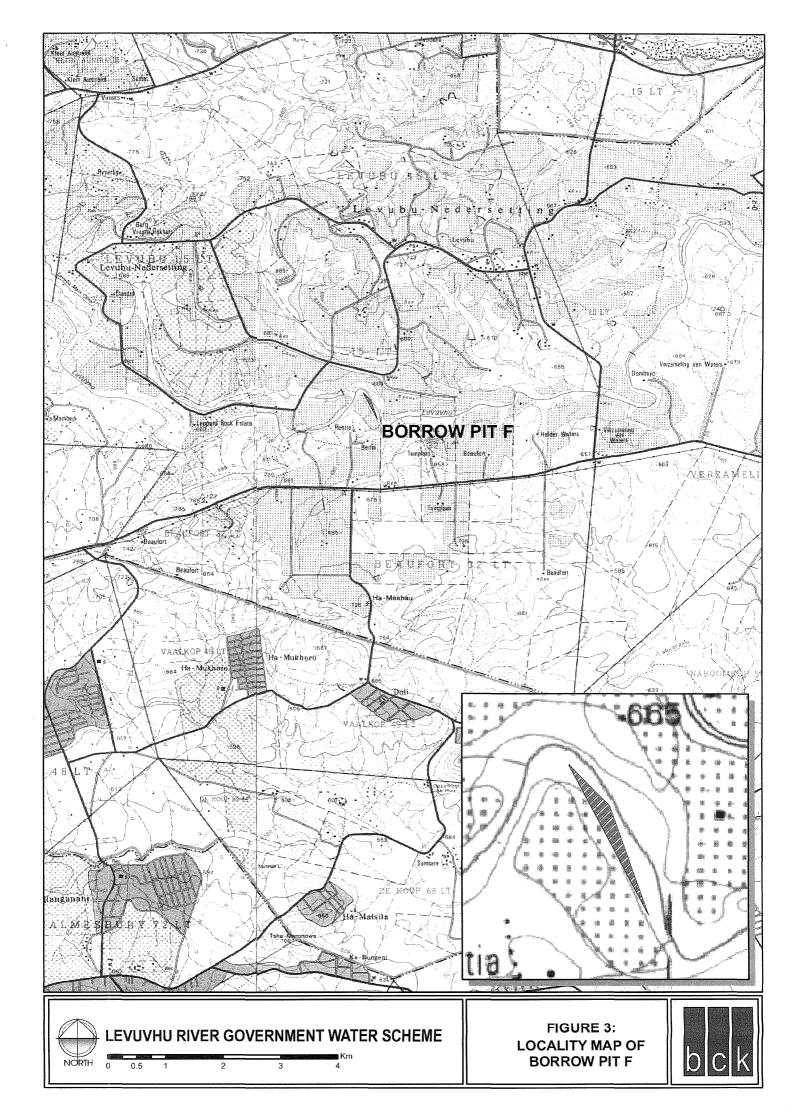
4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit (Yes/No)
			(165/140)
	23° 06' 54.2" S 30° 15 59.9" E		
E	23° 06′ 56.7″ S 30° 16′ 01.7″ E	Natural Sand Borrow Pit through Strip	Yes
	23° 06′ 58.9" S 30° 16′ 03.8" E	Excavation	163
	23° 07' 09.7" S 30° 16' 07.0" E		:



(Refer to

Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
G	Vhembe	Mpapuli 278MT	Republiek van Suid Afrika	MW3 700mm	Levuvhu River

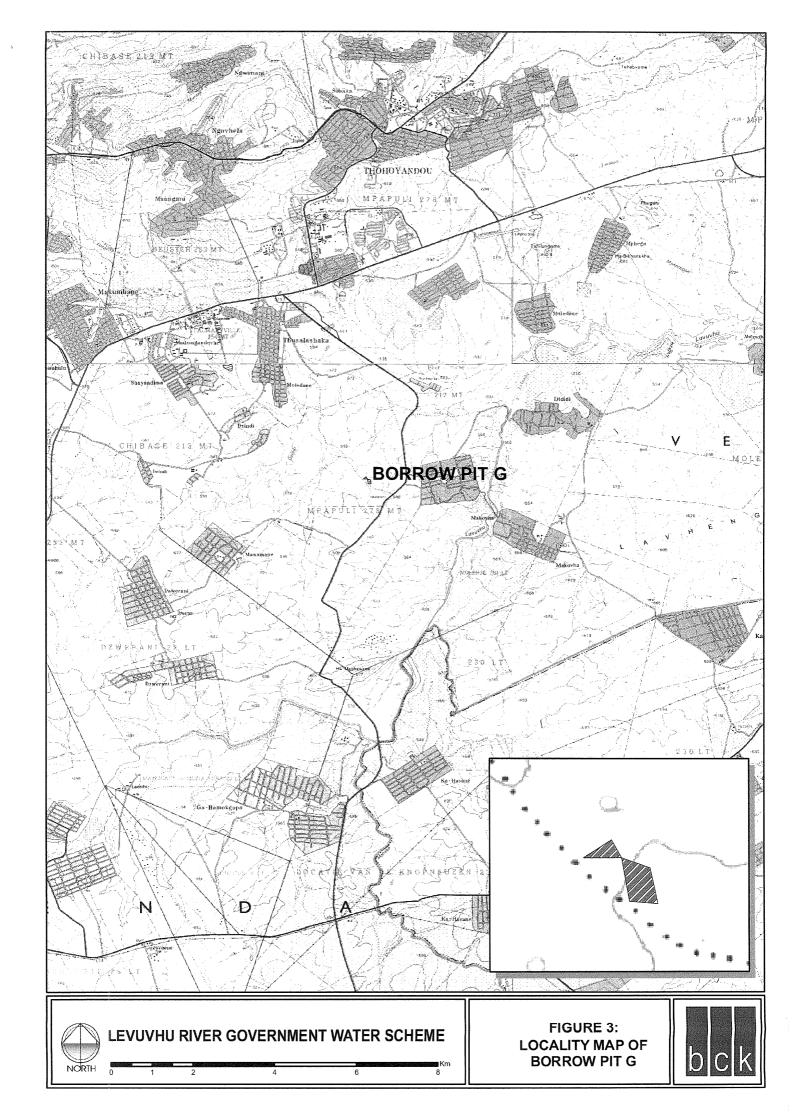
4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit
			(Yes/No)
	23° 01′ 38.0″ S 30° 28′ 05″ E		
	23° 01' 37.0" S 30° 28' 05" E		
	23° 01' 36.0" S 30° 28' 07" E		
	23° 01' 35.0" S 30° 28' 06" E	Natural Sand Borrow Pit through Strip	
G	23° 01′ 34.0″ S 30° 28′ 04″ E	Excavation	Yes
	23° 01' 33.0" S 30° 28' 03" E	Excavation	
	23° 01' 34.0" S 30° 28' 00" E		
	23° 01' 35.0" S 30° 28' 01" E		
	23° 01' 35.0" S 30° 28' 03" E		



(Refer to

Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
ы	Vhembe	Locatie van de	Republic of South	MW3 700mm	Levuvhu
	Vilenibe	Knopneuzen 230LT	Africa	101000	River

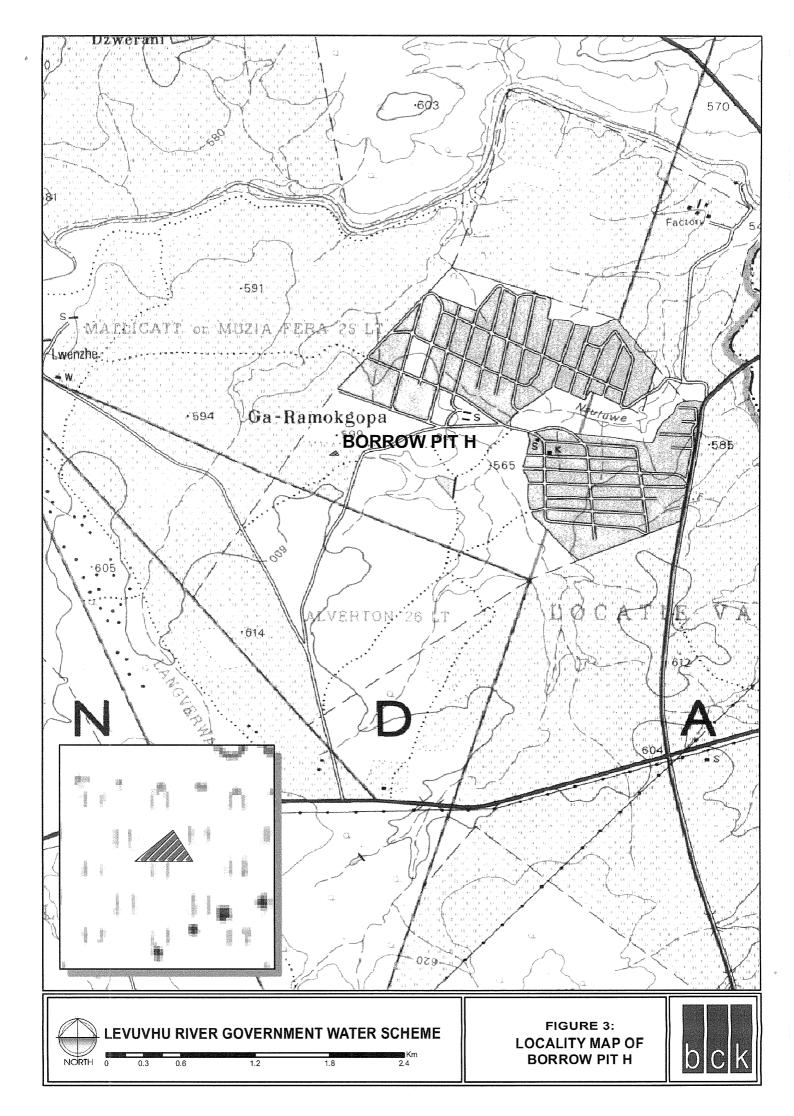
4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit (Yes/No)
Н	23° 06.301' S 30° 26.722' E 23° 06.362' S 30° 26.736' E 23° 06.326' S 30° 26.632' E	Natural Sand Borrow Pit through Strip Excavation	Yes



- 3 -

3 LOCATION OF THE BORROW PIT

(Refer to Figure 3 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

·	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
А	Vhembe	Mawambe's Location 281 - MT	Government of the Republic of South Africa	MW3 700mm	Levuvhu River

4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit (Yes/No)
А	23° 00' 59.1" S 30° 38' 00.4" E 23° 01' 00.8" S 30° 38' 01.7" E 23° 01' 02.2" S 30° 38' 01.1" E 23° 01' 00.6" S 30° 37' 58.5" E	Natural Sand Borrow Pit through Strip Excavation	Yes

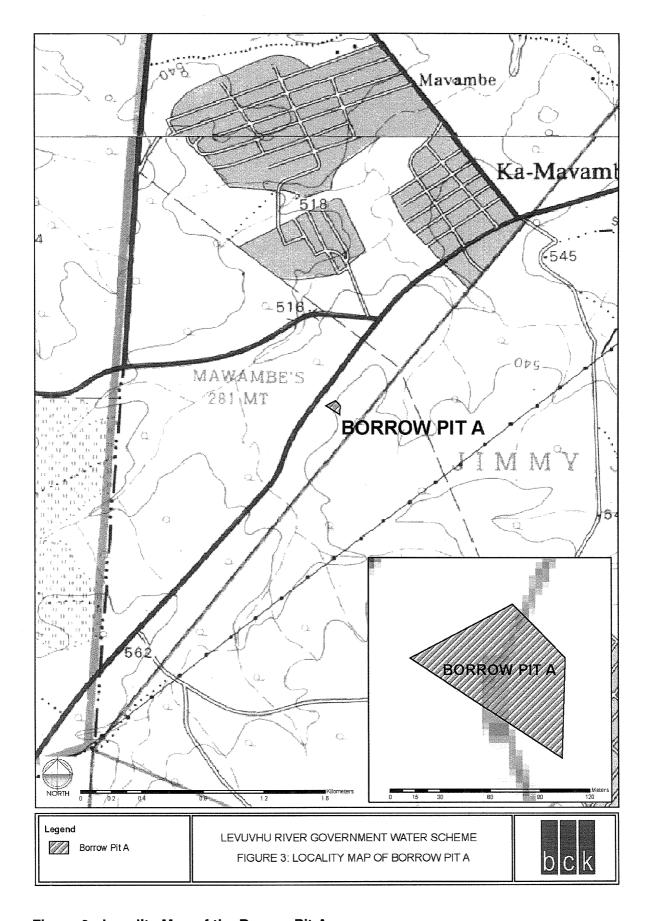


Figure 3: Locality Map of the Borrow Pit A

(Refer to

Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
В	Vhembe	Straddles LOCATIE VAN DE KNOPNEUZEN 230 – LT and MOLENJE 204 -LT	Republic of South Africa	MW3 700mm	Levuvhu River

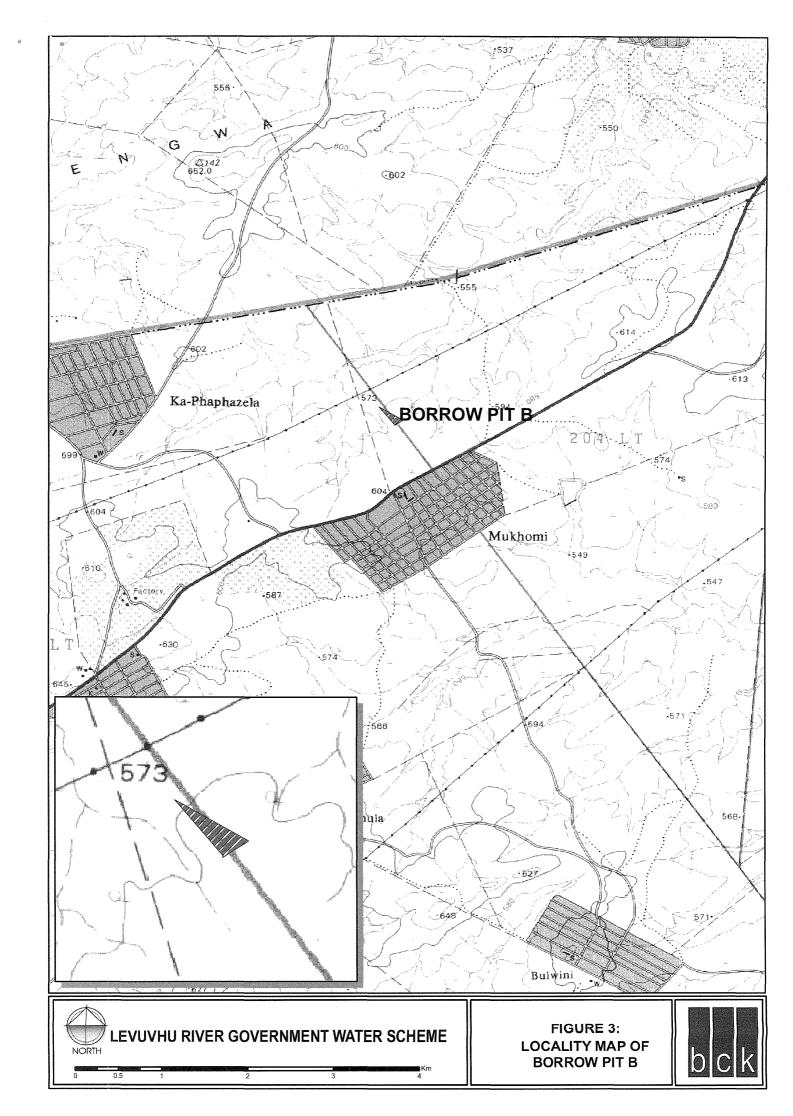
4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit
			(Yes/No)
	23° 03′ 48.3″ S 30° 34′ 37.3″ E		
B	23° 03′ 46.6″ S 30° 34′ 40.4″ E	Natural Sand Borrow Pit through Strip	Yes
D	23° 03′ 41.6″ S 30° 34′ 31.1″ E	Excavation	162
	23° 03′ 48.3″ S 30° 34′ 37.3″ E		



(Refer to

Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
С	Vhembe	Locatie van de	Republic of South	MW3 700mm	Levuvhu
	VIIGITIDE	Knopneuzen 230-LT	Africa		River

4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit (Yes/No)
С	23° 06' 08.5" S 30° 31' 50.6" E 23° 06' 04.6" S 30° 31' 48.1" E	Natural Sand Borrow Pit through Strip Excavation	Yes

23° 06' 07.7'	'S 30° 31' 46.0" E	
23° 06' 12.5'	'S 30° 31' 47.3" E	

Figure 1: Project Locality Map

Figure 2: Extent of the proposed Levuvhu River Government Project

Figure 3: Locality Map of the Borrow Pit

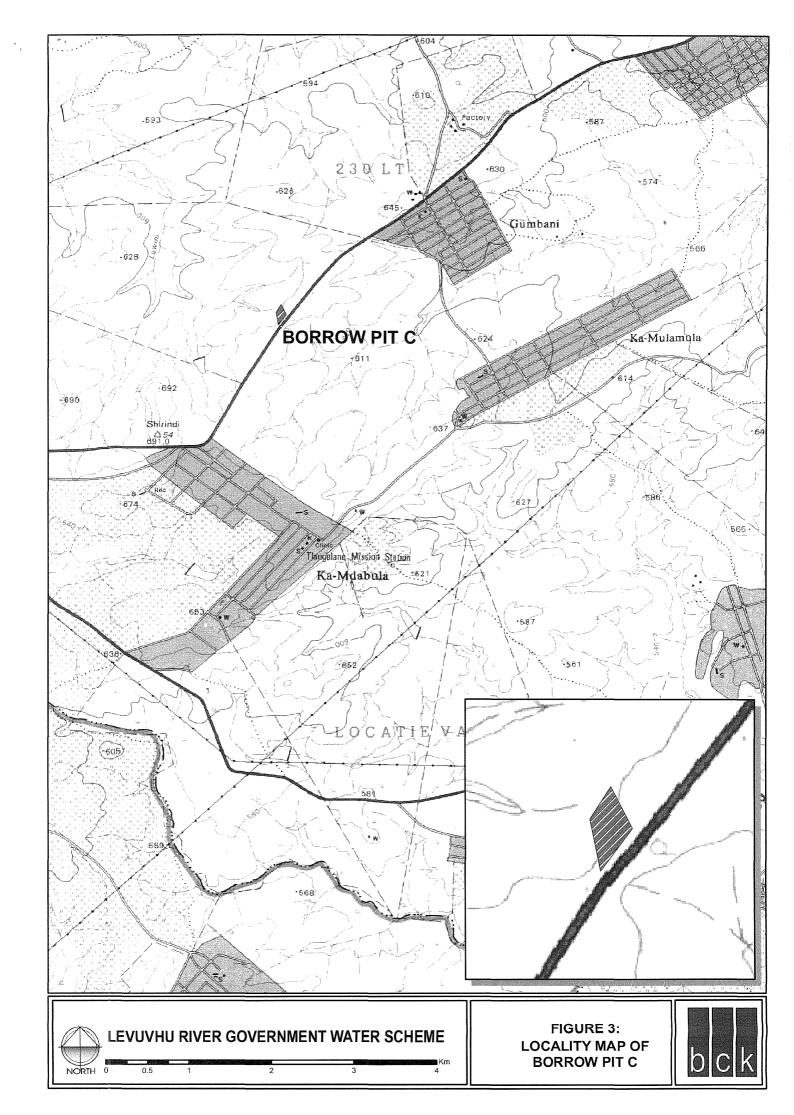
Questions 4.4 to 4.9 to be answered in table 3:

- 4.5 Estimated surface area of borrow pit / quarry:
- 4.6 Estimated average depth of borrow pit / quarry:
- 4.7 Average geological horizons of the test holes:
 - (a) 0,0 m to 0,3 m:
 - (b) 0,3 m to 1,6 m:
- 4.8 Mining method: Blasting operation / Dig with implements*
- 4.9 Estimated rate of mining:
- 4.10 Estimated duration of quarry:

Table 3: Volume, dimension and duration

	4.5	4.6	4.7	4.8	4.9	4.10
Borrow Pit Nr	Surface Area	Average Depth	Test hole horizon depth	Mining method	Rate of Mining	Duration of quarry
С	1.6187 ha	1.4 – 2.0m	0.3m	Backactor or a dozer/loader configuration	Not available	3 years

4.11 The placing of topsoil and overburden are shown on the Borrow Pit Development Plan (Figure 7: Borrow Pit Development Plan).



(Refer to

Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
D	Vhembe	Schuynshoogte 29-LT, Portion 1	National Government of the Republic of South Africa	MW3 700mm	Levuvhu River

4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit (Yes/No)
D	23° 07' 37.7" S 30° 22' 28.5" E 23° 07' 31.1" S 30° 22' 29.3" E 23° 07' 30.7" S 30° 22' 23.0" E 23° 07' 38.6" S 30° 22' 21.6" E	Natural Sand Borrow Pit through Strip Excavation	Yes

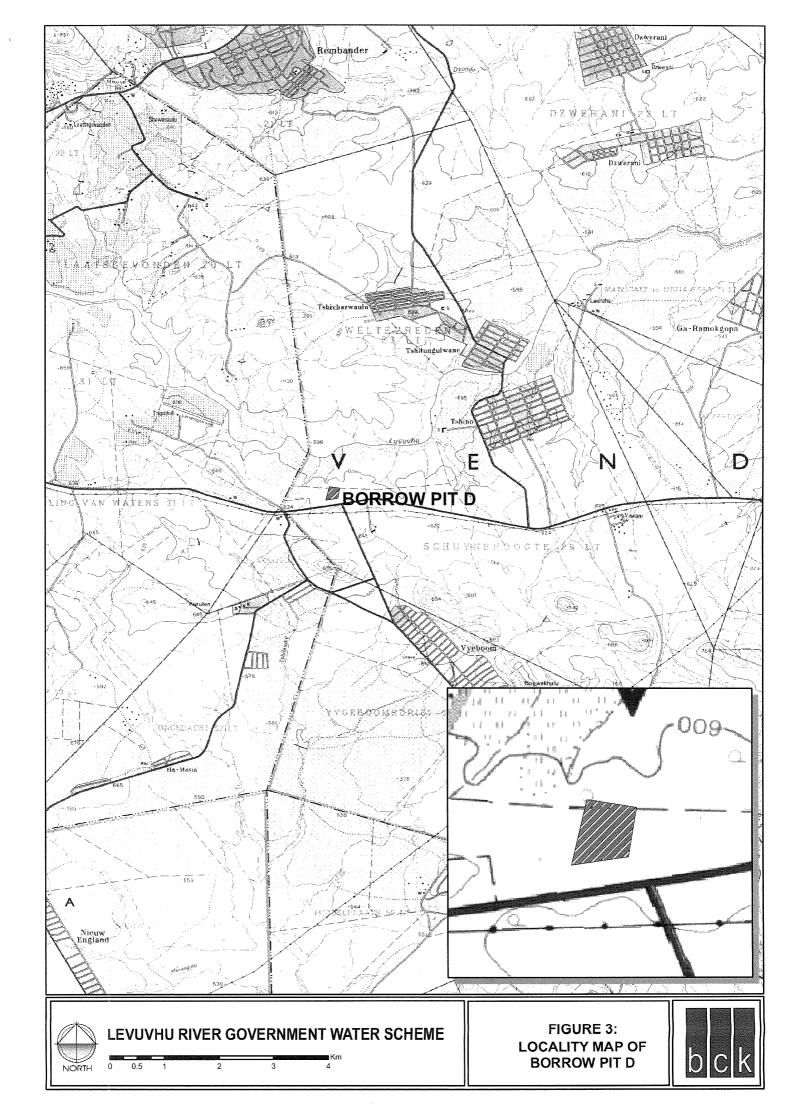


Figure 1 for the Locality of the Borrow Pit)

Refer to Table 1 for the following information concerning the Borrow pit

- 3.1 Magisterial District
- 3.2 Name and number of farm
- 3.3 Name of landowner
- 3.4 Pipe line reference
- 3.5 Name of river catchment
- 3.6 Location and infrastructure indicated on the attached locality and structure diagrams.

Table 1: Farm name and number

	3.1	3.2	3.3	3.4	3.5
Borrow	Magesterial	Name and Number	Landowner	Pipe line	River
Pit	District	of Farm		Reference	Catchment
Е	Vhembe	Verzameling van Waters 31-LT, Portion 0, 24 and 13	Havinga Carel Stephanus Barkhuizen, Hendrik Stefanus and Marius Schrenk Familietrust	MW3 700mm	Levuvhu River

4 EXTENT OF OPERATIONS

Refer to table 2 for the following information:

- 4.1 Borrow Pit Number
- 4.2 GPS Coordinates
- 4.3 Borrow Pit / Quarry type
- 4.4 New Borrow Pit? Yes/No*

Table 2: New or existing borrow pit

4.1	4.2	4.3	4.4
Borrow Pit	Coordinates	Borrow Pit / Quarry Type	New Borrow Pit (Yes/No)
			(163/110)
E	23° 07′ 18.1″ S 30° 19 00.5″ E		
	23° 07′ 16.8″ S 30° 19′ 11.8″ E	Natural Sand Borrow Pit through Strip	Yes
	23° 07′ 22.0″ S 30° 19′ 10.8″ E	Excavation	163
	23° 07' 21.9" S 30° 19' 00.9" E		

