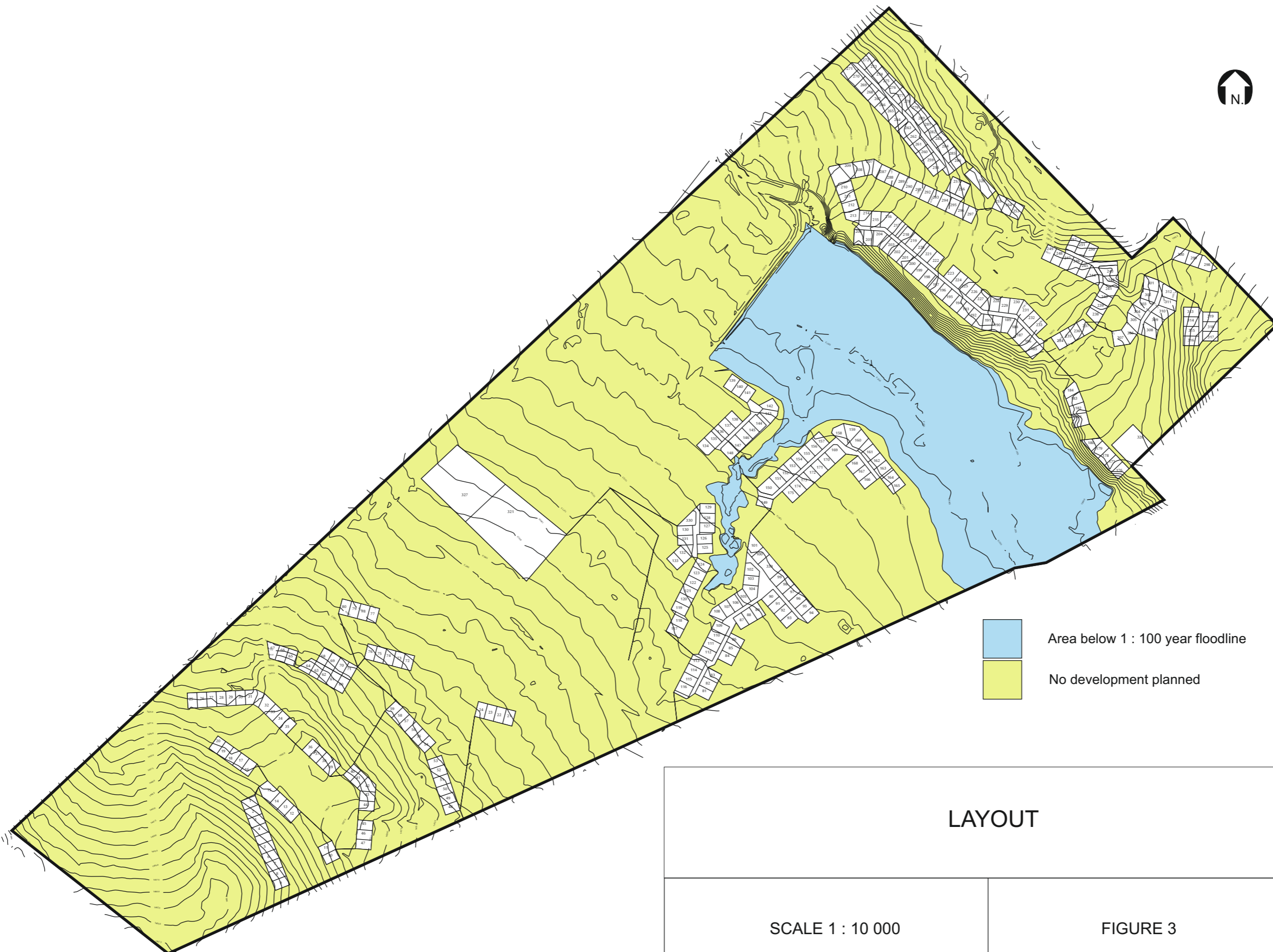




Area below 1 : 100 year floodline

TOPOGRAPHY and FLOOD LINES

SCALE 1 : 10 000

FIGURE 2

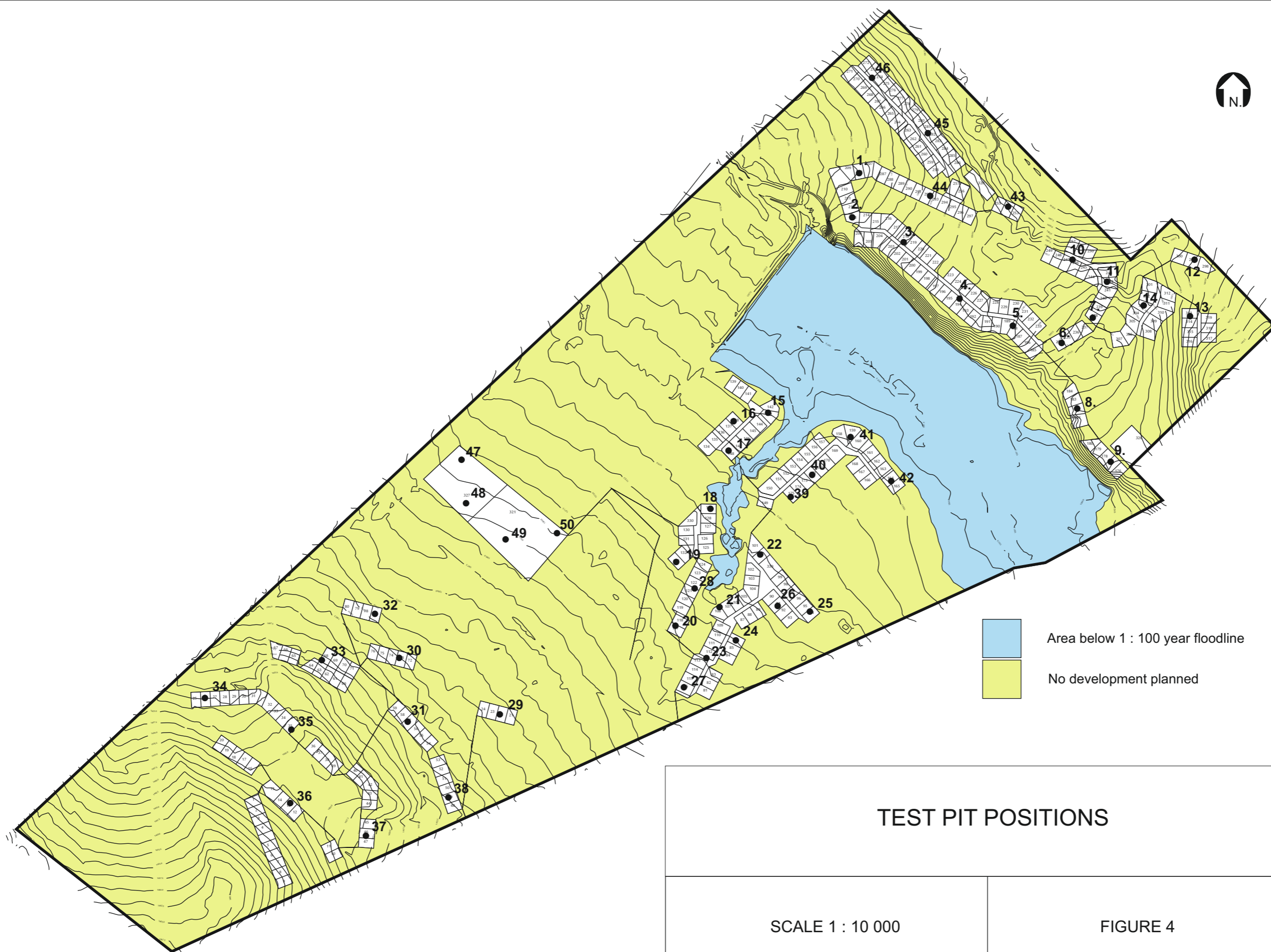


 Area below 1 : 100 year floodline
 No development planned

LAYOUT

SCALE 1 : 10 000







FIGURE 3

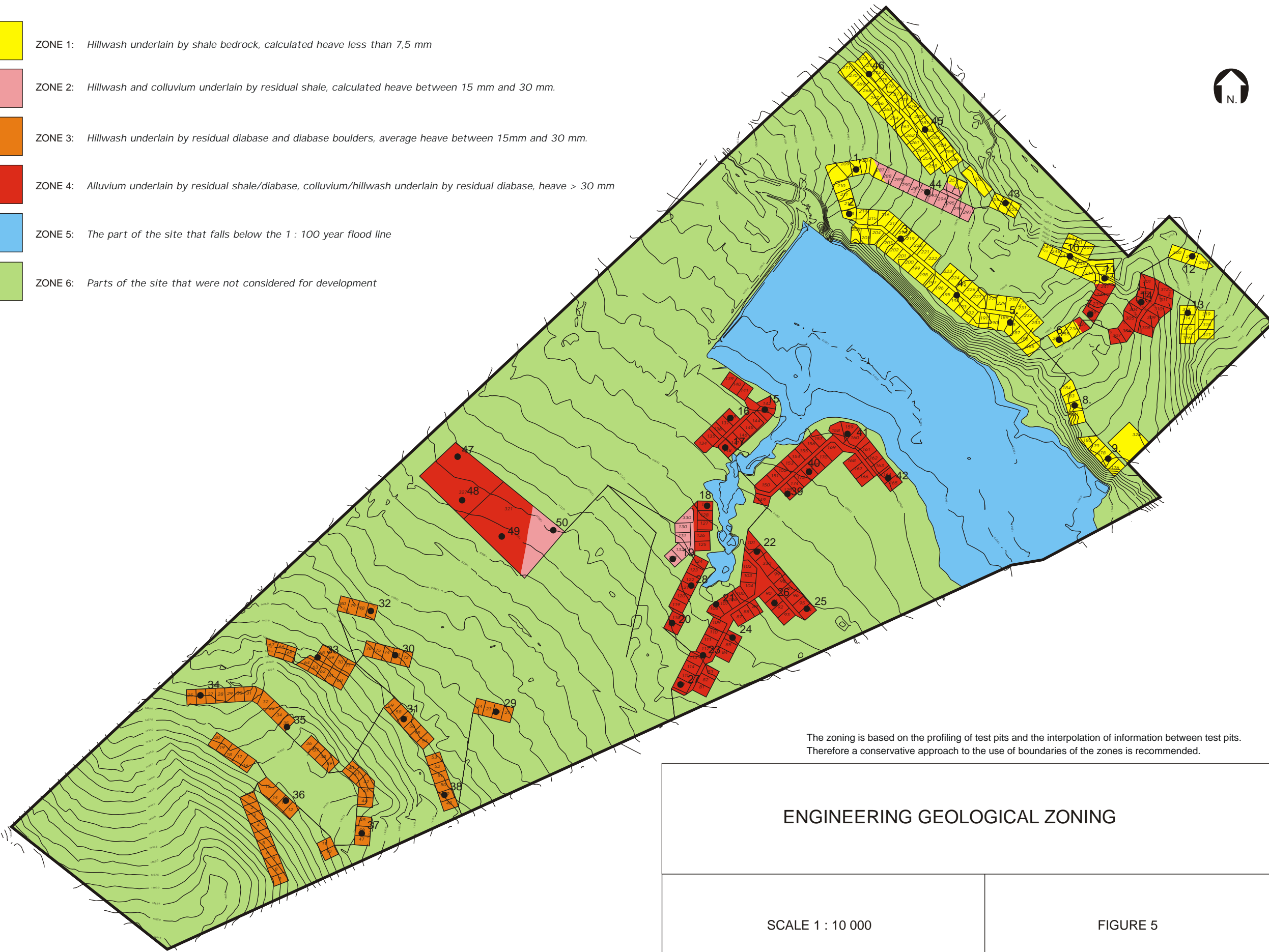


TEST PIT POSITIONS

SCALE 1 : 10 000

FIGURE 4

-  ZONE 1: Hillwash underlain by shale bedrock, calculated heave less than 7,5 mm
-  ZONE 2: Hillwash and colluvium underlain by residual shale, calculated heave between 15 mm and 30 mm.
-  ZONE 3: Hillwash underlain by residual diabase and diabase boulders, average heave between 15mm and 30 mm.
-  ZONE 4: Alluvium underlain by residual shale/diabase, colluvium/hillwash underlain by residual diabase, heave > 30 mm
-  ZONE 5: The part of the site that falls below the 1 : 100 year flood line
-  ZONE 6: Parts of the site that were not considered for development



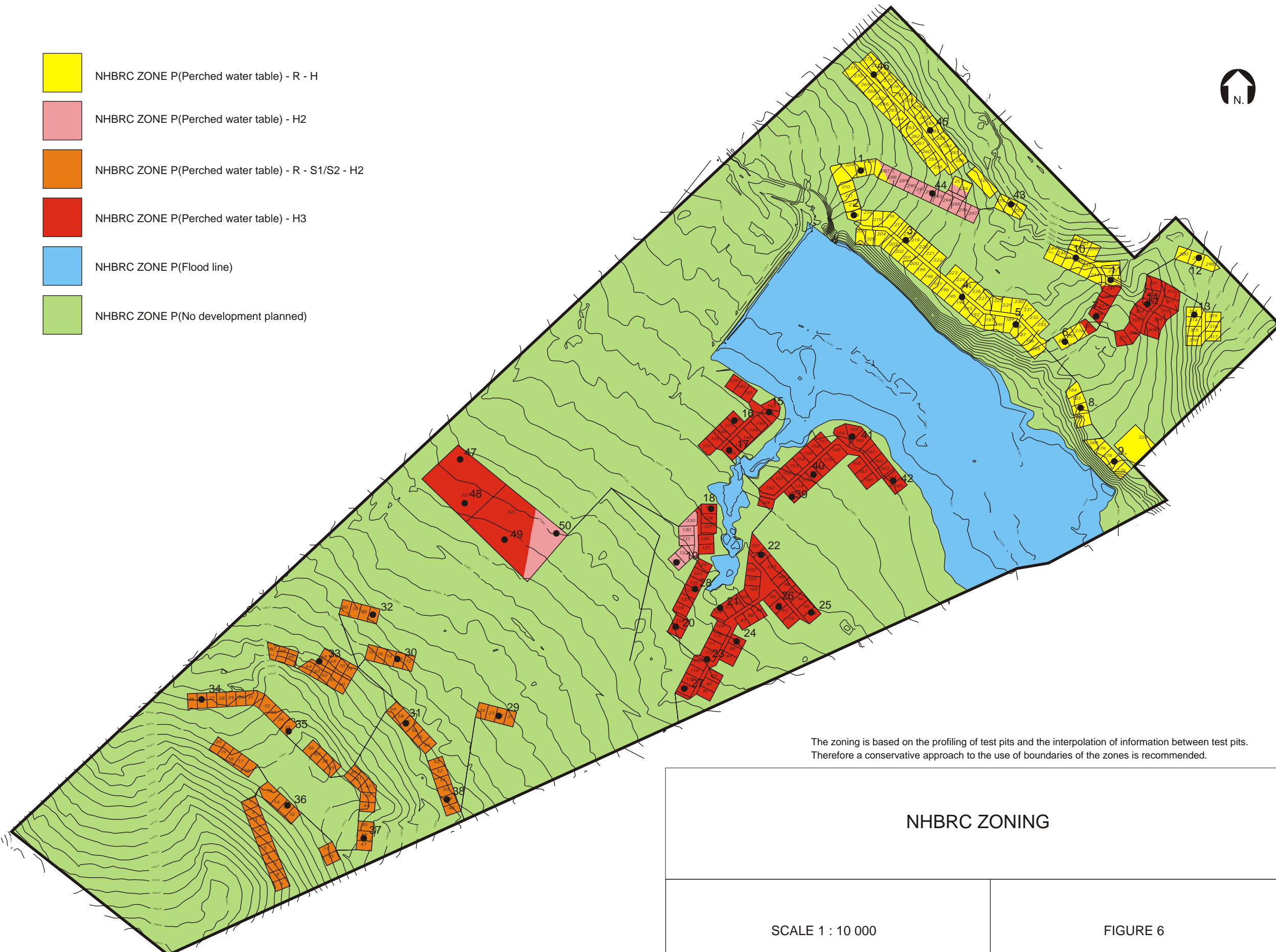
The zoning is based on the profiling of test pits and the interpolation of information between test pits. Therefore a conservative approach to the use of boundaries of the zones is recommended.

ENGINEERING GEOLOGICAL ZONING

SCALE 1 : 10 000

FIGURE 5

- NHBRC ZONE P(Perched water table) - R - H
- NHBRC ZONE P(Perched water table) - H2
- NHBRC ZONE P(Perched water table) - R - S1/S2 - H2
- NHBRC ZONE P(Perched water table) - H3
- NHBRC ZONE P(Flood line)
- NHBRC ZONE P(No development planned)



The zoning is based on the profiling of test pits and the interpolation of information between test pits. Therefore a conservative approach to the use of boundaries of the zones is recommended.

NHBRC ZONING

SCALE 1 : 10 000

FIGURE 6

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


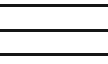
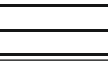
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 1.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash
			0,3 Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			0,7 Slightly moist, greyish black, jointed, laminated, Medium hard rock shale (slate)
			1,0 Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

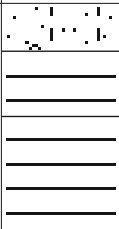
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 2.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>0,2 Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash</p> <p>0,5 Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale</p> <p>Slightly moist, greyish black, jointed, laminated, Medium hard rock shale (slate)</p> <p>1,0 Refusal on medium hard rock shale (slate) No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

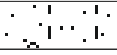
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 3.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>0,2 Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash</p> <p>Refusal on medium hard rock shale (slate)</p> <p>No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

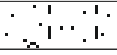
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 4.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>0,2 Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash</p> <p>Refusal on medium hard rock shale (slate)</p> <p>No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


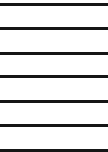
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 5.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash 0,3
			Slightly moist, greyish black, shattered, jointed, laminated, Medium hard rock shale (slate) 1,2
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


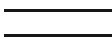
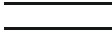
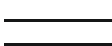
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 6.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			0,2 Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash
			Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			1,2 Slightly moist, greyish black, jointed, laminated, Soft- to medium hard rock shale (slate)
			1,6 Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

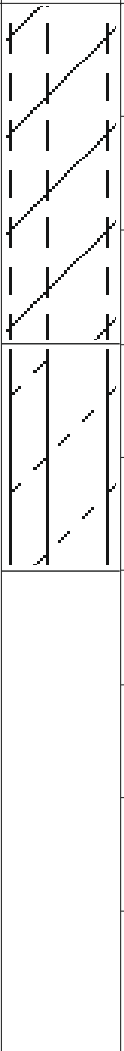
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 7.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, bright red brown, soft to firm, fissured, slickensided, silty clay with ferricrete nodules and with occasional small diabase corestones - Residual diabase</p> <p>1,5</p> <p>Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p> <p>2,5</p> <p>No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

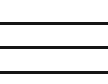
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 8.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash 0,3
			Slightly moist, greyish black, jointed, laminated, Medium hard rock shale (slate) 0,8
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 9.

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash</p> <p>0,3</p> <p>Refusal on medium hard rock shale (slate) No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


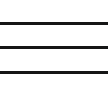
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 10

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash 0,3
			Slightly moist, greyish black, jointed, laminated, Medium hard rock shale (slate) 0,8
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR



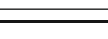
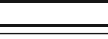
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 11

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash
			0,6 Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			0,8 Slightly moist, greyish black, jointed, laminated, Medium hard rock shale (slate)
			1,2 Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

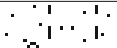
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 12

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>0,2 Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash</p> <p>Refusal on medium hard rock shale (slate) No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


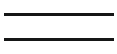
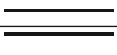
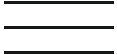
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 13

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash
			Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			Slightly moist, greyish black, jointed, laminated, Soft- to medium hard rock shale (slate)
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


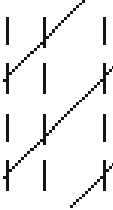
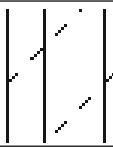
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 14

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, brown, loose, slightly slickensided, shattered, gravely, silty sand with abundant shale fragments - Hillwash</p> <p style="text-align: right;">0,8</p>
			<p>Slightly moist, bright red brown, soft to firm, fissured, slickensided, silty clay with ferricrete nodules and with occasional small diabase corestones - Residual diabase</p> <p style="text-align: right;">1,8</p>
			<p>Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p> <p style="text-align: right;">2,4</p>
			<p>No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

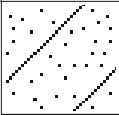
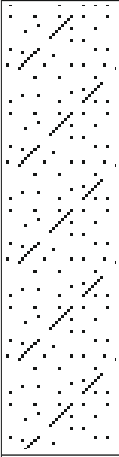

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 15

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p>
			<p>0,5</p> <p>Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale</p>
			<p>2,5</p> <p>No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

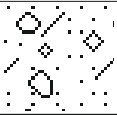
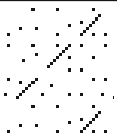
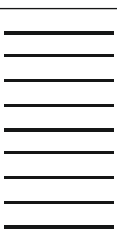
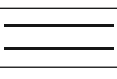

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 16

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium
		0,5	
			Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale
		1,2	
			Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
		2,2	
			Slightly moist, light brown with red and black stained joints, jointed, laminated, Soft- to medium hard rock shale
		2,4	
			Refusal on medium hard rock shale No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


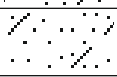
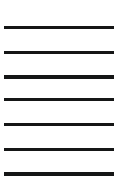

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 17

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium
			0,4 Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale
			0,7 Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			1,5 Refusal on medium hard rock shale No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


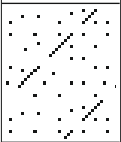
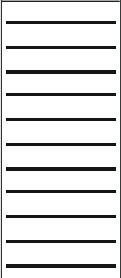
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 18

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calccrete nodules and plant roots - Alluvium 0,3
			Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale 0,9
			Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale 2,2
			Refusal on medium hard rock shale No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR



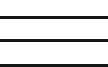

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 19

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, red brown, soft, microshattered, slightly slickensided gravelly clay with shale fragments - Colluvium
			0,3 Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale
			1,2 Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			1,8 Refusal on medium hard rock shale No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 20

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>0,2 Slightly moist, red brown, soft, microshattered, slightly slickensided gravelly clay with shale fragments - Colluvium</p> <p>Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

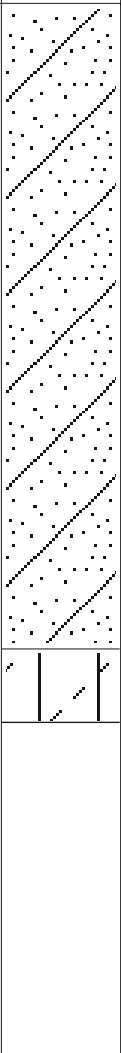
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 21

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>2,8 Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small medium hard rock diabase corestones - Residual diabase</p> <p>3,2 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

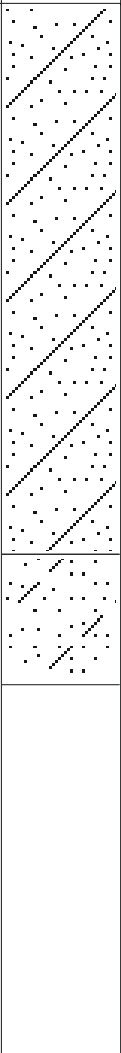
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 22

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>2,4</p> <p>Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale</p> <p>3,0</p> <p>Refusal on medium hard rock shale No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

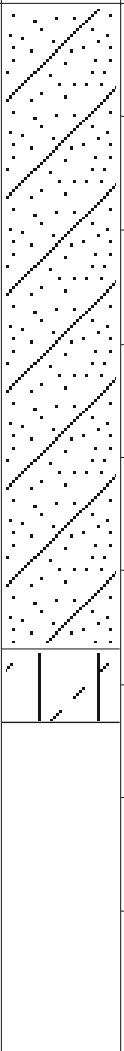
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 23

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>2,8 Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p> <p>3,2 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

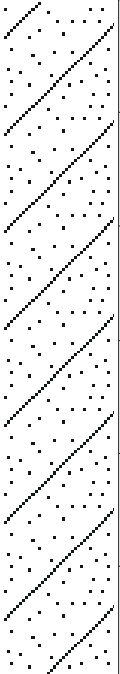
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 24

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p style="text-align: center;">Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>3,0 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

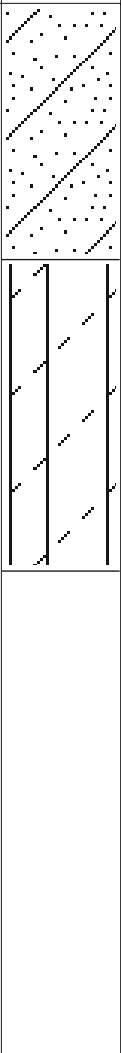
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 25

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>1,2</p> <p>Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p> <p>2,5</p> <p>No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 26

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>3,0 3,2</p> <p>Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p> <p>No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

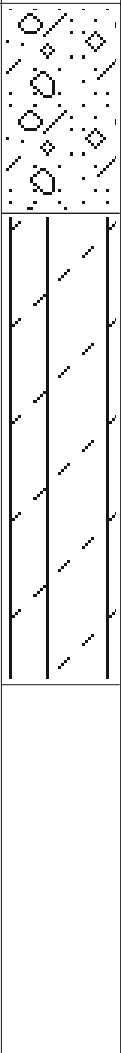
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 27

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, red brown, soft, microshattered, slightly slickensided gravelly clay with shale fragments - Colluvium</p> <p>0,9</p> <p>Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p> <p>3,0</p> <p>No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

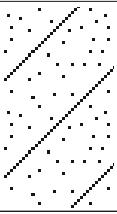
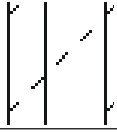
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 28

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p>
			<p>0,9 Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p>
			<p>1,5 Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

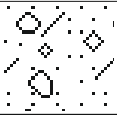
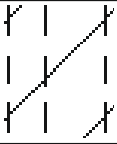

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 29

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash
			0,5 Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase
			1,2 Refusal on medium hard rock diabase No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 30

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash</p> <p>0,3</p> <p>Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


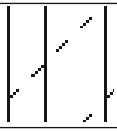

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 31

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, dark brown, loose, microshattered, clayey gravelly sand with diabase cobbles and plant roots - Hillwash
			0,6 Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase
			1,2 Refusal on diabase boulders No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

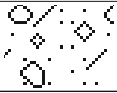
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 32

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash</p> <p>0,4</p> <p>Refusal on diabase boulders No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 33

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash</p> <p>0,3</p> <p>Refusal on diabase boulders No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

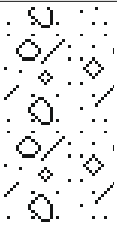
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 34

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash</p> <p>1,0</p> <p>Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

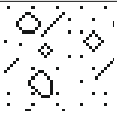
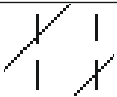
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 35

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, dark brown, loose, microshattered, clayey gravelly sand with diabase cobbles and plant roots - Hillwash
			0,5 Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase
			0,9 Refusal on medium hard rock diabase No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

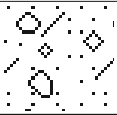
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 36

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash</p> <p>0,5 Refusal on diabase boulders No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

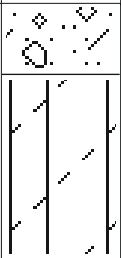
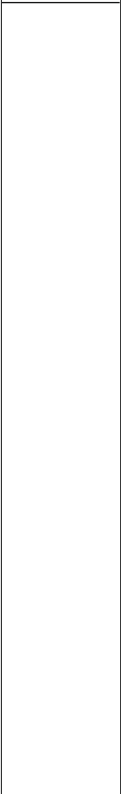
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 37

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravelly sand with diabase cobbles and plant roots - Hillwash</p> <p>0,3</p> <p>Slightly moist, yellowish brown with black stained joints, firm to stiff, intact, slightly slickensided, clayey silt with small to medium medium hard rock diabase corestones - Residual diabase</p>
			<p>1,2</p> <p>Refusal on medium hard rock diabase</p> <p>No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 39

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>3,0 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

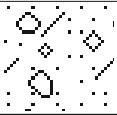
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 38

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash</p> <p>0,5</p> <p>Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

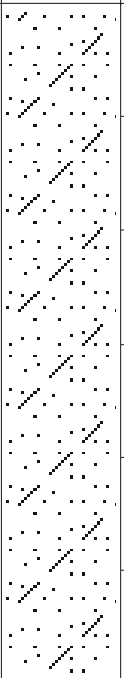
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 40

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>3,0 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

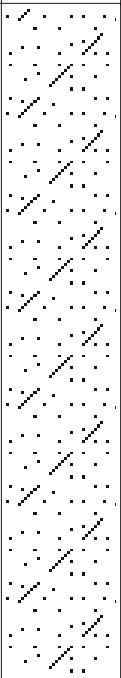
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 41

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>3,0 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

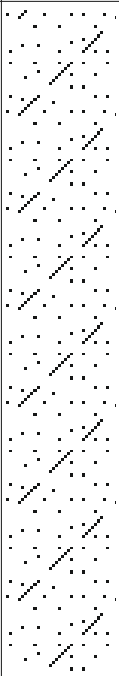
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 42

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p data-bbox="576 1099 1342 1155">Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p data-bbox="520 1489 751 1547">3,0 No refusal No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


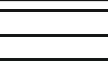
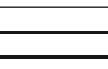
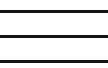
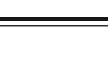
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 43

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, dark brown, loose, microshattered, clayey gravely sand with diabase cobbles and plant roots - Hillwash
			0,5 Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale
			0,8
			Slightly moist, greyish black, shattered, jointed, laminated, Medium hard rock shale (slate)
			1,5
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR




CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 44

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, dark brown, loose, microshattered, clayey gravelly sand with diabase cobbles and plant roots - Hillwash</p>
			<p>0,5</p> <p>Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale</p>
			<p>2,2</p> <p>Refusal on medium hard rock shale (slate) No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


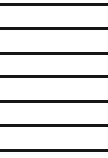
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 45

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, dark brown, loose, microshattered, clayey gravelly sand with diabase cobbles and plant roots - Hillwash 0,3
			Slightly moist, greyish black, shattered, jointed, laminated, Medium hard rock shale (slate) 1,2
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


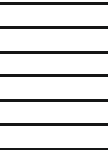
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 46

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, dark brown, loose, microshattered, clayey gravelly sand with diabase cobbles and plant roots - Hillwash 0,3
			Slightly moist, light brown mottled yellow with red and black stained joints, jointed, laminated, Soft rock shale 1,1
			Refusal on medium hard rock shale (slate) No ground water

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR


CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 47

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black, firm to stiff, fissured, slickensided, sandy clay with calcrete nodules and plant roots - Alluvium</p> <p>0,8</p> <p>Slightly moist, black mottled orange, firm to stiff, fissured, slickensided, sandy clay plant roots - Alluvium</p> <p>2,0</p> <p>Refusal on diabase boulders No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

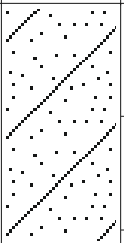
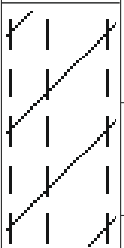
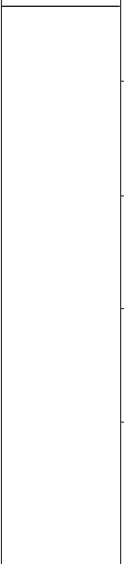
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 48

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black mottled orange, firm to stiff, fissured, slickensided, sandy clay plant roots - Alluvium</p>
			<p>1,1 Slightly moist, bright red brown, soft to firm, fissured, slickensided, silty clay with ferricrete nodules and with occasional small diabase corestones - Residual diabase</p>
			<p>2,2 Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR

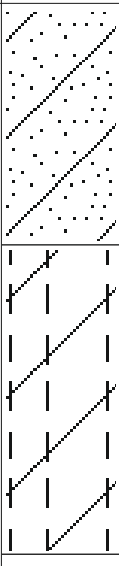
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 49

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			<p>Slightly moist, black mottled orange, firm to stiff, fissured, slickensided, sandy clay plant roots - Alluvium</p>
		1,1	<p>Slightly moist, bright red brown, soft to firm, fissured, slickensided, silty clay with ferricrete nodules and with occasional small diabase corestones - Residual diabase</p>
		2,4	<p>Refusal on medium hard rock diabase No ground water</p>

SOIL PROFILE

PROJECT: RESIDENTIAL

SITE: BOSCHKOP 369 JR



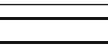
CLIENT: TIMPROPS

LOGGED BY: JJ

MACHINE: TLB

DATE: 14/07/2005

TEST PIT: 50

SAMPLE / TEST	GROUND WATER	LEGEND	DESCRIPTION
			Slightly moist, red brown, soft, microshattered, slightly slickensided gravely clay with shale fragments - Colluvium
			0,5 Slightly moist, reddish orange brown mottled white, firm to stiff, intact, slickensided, clayey sand with ferricrete nodules - Residual shale
			1,2 Slightly moist, light brown with red and black stained joints, jointed, laminated, Soft- to medium hard rock shale
			1,5 Refusal on medium hard rock shale No ground water