

dot PLOT for the geolo GIST



JONES & WAGENER Inc
CONSULTING CIVIL ENGINEERS
RYMONIA 011-803-1455

KEY
SUMMARY OF SYMBOLS

	BOULDERS	(SA01)
	GRAVELS/GRAVEL	(SA02)
	GRAVELLY	(SA03)
	SAND	(SA04)
	SANDY	(SA05)
	SILT	(SA06)
	SILTY	(SA07)
	CLAY	(SA08)
	CLAYEY	(SA09)
	CONGLOMERATE/AGGLOMERATE/TILLITE	(SA10)
	SANDSTONE	(SA11)
	MUDROCK/MUDSTONE/SILTSTONE/SHALE	(SA12)
	DOLOMITE	(SA13)
	LIMESTONE	(SA14)
	QUARTZITE	(SA15)
	METAMORPHIC	(SA16)
	GRANITE/NORITE/PLUTONIC	(SA17)
	DOLERITE/DIABASE/ANORTHOSITE/HYPABYSSAL	(SA18)
	BASALT/LAVA/ANDESITE/FELTSITE/VOLCANIC	(SA19)
	QUARTZ VEINS/PEGMATITE	(SA20)

GROUND LEVEL :
MACHINE TYPE :
PROFILED BY :
TYPE SET BY :
JOB NUMBER :

DRAW :
DATE :
DATE : 1-09-89 14:56
FILE :

dot.PLOT J & W INC

KEY
SUMMARY OF SYMBOLS

TUTOR

INTRODUCTION

- This booklet is intended
 1. To show the **Geologist** what **dot ● PLOT** can do.
 2. To show the **User** how to get what is wanted.

- The first part contains a list of selected features of **dot ● PLOT** and nine carefully designed **exercises** illustrating those features in different ways. The cross reference to the pages of the Manual will be found useful.

- The second part contains the instructions for **installing** the exercises into the C:\DOTPLOT directory followed by instructions on how to **run** an exercise.

- Additional notes describe a suitable document/program directory structure and finally a dimwit's guide illustrates the whole **dot ● PLOT procedure**.

Kindly note that there is no connection whatsoever between the companies whose logos appear on the illustrations and any geological data, dates or places, which are obviously fictitious. The logos are used only to illustrate the feature of switching and re-positioning on a page.

EXERCISES AND FEATURES

FEATURES OF dot.PLOT

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
PERCUSSION LOG example	. 2 3	
SOIL PROFILE LOG example	1 7 . .	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
END OF HOLE SYMBOL Bottom of hole	1 8 .	6-07
FANCY FONTS	 9	6-02
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
HATCHED GRAPH	. . . 4 5	4-06
HEADER AND FOOTER BLOCK SIZE	 7 . .	3-09
HEADER AND FOOTER MARGINS	 7 8 .	3-10
INCLINATION cosine correction	 7 8 .	4-07
INDENTATION	 6 . 8 .	6-02
INVERSE GRAPH	. . . 4 5	4-06
LANGUAGE SWITCH	 9	3-15
LIBRARY SWITCH of soil symbols	 9	5-08
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LINES PER INCH	 6 . . 9	3-11
LOGOS changing position	 7 8 .	3-11
OPTION to print layer depths in two places	 8 .	3-10
PAGE MARGINS & PAGE SIZE	 7 . .	3-09
ROCKHEAD & WEATHERING SYMBOLS	. . 3 9	5-03
SAMPLES	1 . 3	4-04
SAMPLES: (not listed in notes)	. . 3 4	4-04
SCALE CHANGE from text file header	 9	6-10
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SMALL FONT	 6 . . .	6-02
STARTING DEPTH below ground level	 8 .	4-03
SUB-COLUMN LABELS	. 2	4-06
SUB-COLUMN NUMBERS	. . 3	4-06
SUPPRESS ATTRIBUTE SHOOTER LINES	. 2 . . . 6 . . .	4-07
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .	4-07
SUPPRESS SOIL LAYER SHOOTER LINES	 6 . . .	4-07
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07
TWIN COLUMNS newspaper style	. . . 4 5	6-02
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

EXERCISE 1

FEATURES

FEATURES OF EXERCISE 1

	Related Exercises	Refer Manual
SOIL PROFILE LOG example	1 7 . .	
END OF HOLE SYMBOL Bottom of hole	1 8 .	6-07
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SAMPLES	1 . 3 . 5	4-04
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

LAYOUT

FONT
PROM
PROV
CONV
PATH
LAYO
COLO
SAVE
SWIT

1 Scale Option
3200 Page Size
0 Apage LH margin
0 Apage RH margin
0 Ppage LH margin
0 Ppage RH margin
300 Header block
300 Footer block
0 Borelog Options
575 Jobtitle offset
0 Footer Margin-1
790 Footer Margin-2
4 Indent Module
1 Logo ID or FILE < Logo macro id number
-90 Logo-X
60 Logo-Y
0 Compress option
6 Lines per inch

JET-SETUP
EX1.SET

This layout shows the typical default values of a setup.

FONT SETTINGS

FONTS
PROM
PROV
CONV
PATH
LAYO
COLO
SAVE
SWIT

FONT-1
FONT-2
FONT-3
DOWNLOAD

JET-SETUP
EX1.SET

< To change primary fonts and download fonts to printer
 < FIRST primary font (DUTCH 10U upright 10 pt.)
 < SECOND primary font (DUTCH 10U italic 10 pt.)
 < for footer titles (LINEPRN 10U upright 8.5 pt)

TEXT FILE

EXERCISE 1

FEATURES OF EXERCISE 1

	Related Exercises	Refer Manual
SOIL PROFILE LOG example	1 7 . .	
END OF HOLE SYMBOL Bottom of hole	1 8 .	6-07
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SAMPLES	1 . 3 . 5	4-04
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
WATER TABLE SYMBOLS	1 . 3 . 5 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

```

JOB NAME      : NEW WAREHOUSE\SITE 3
JOB NO.       : 4138
CLIENT        : CLIENT AND SONS INC
DATE          : 11 Dec 91
DATEDRILLED   : 11 Dec 91
PROFIED BY    : A. GEOLOGIST
TYPE SET BY   : LOLLY
MACHINE       : CASE 580 TLB
DIAMETER      : 600MM WIDE TRENCH
ORIENTATION   : VERTICAL
CONTRACTOR    : RHINO PLANT HIRE
ELEVATION     : 1703.,2m
X-COORD       : 25800,5
Y-COORD       : -2267,0
  
```

HOLE NO : EX1

/

0.3 Closely packed dolerite gravel in a matrix of slightly moist, orange brown clayey sand; 'fill. Overall consistency 'dense.

0.9 [gravelly]Slightly moist becoming wet, red brown 'medium 'dense intact 'silty 'sand with scattered fine gravels (to 3 mm); hillwash.

1,3 Moist, orange brown 'very 'dense, 'well 'cemented, 'sandy 'ferricrete; pedogenic.

1,5 Closely packed, subrounded 'gravel and relatively closely packed 'nodular 'ferricrete in a matrix of moist, orange brown, 'partially 'cemented, 'silty 'sand; pebble marker. Overall consistency 'dense.

2,2 Slightly moist, light red brown 'stiff fissured 'clayey 'silt with scattered ferricrete nodules; decomposed andesite.

3,0 [SCATTERED BOULDERS]Moist becoming wet, light orange brown 'dense relict jointed 'sandy 'silt; highly weathered andesite. Occasional, spheroidally weathered, hard rock corestones to 300mm.

3,0+ Highly weathered, closely jointed, 'soft 'rock amygdaloidal 'andesite; Ventersdorp Supergroup.

/

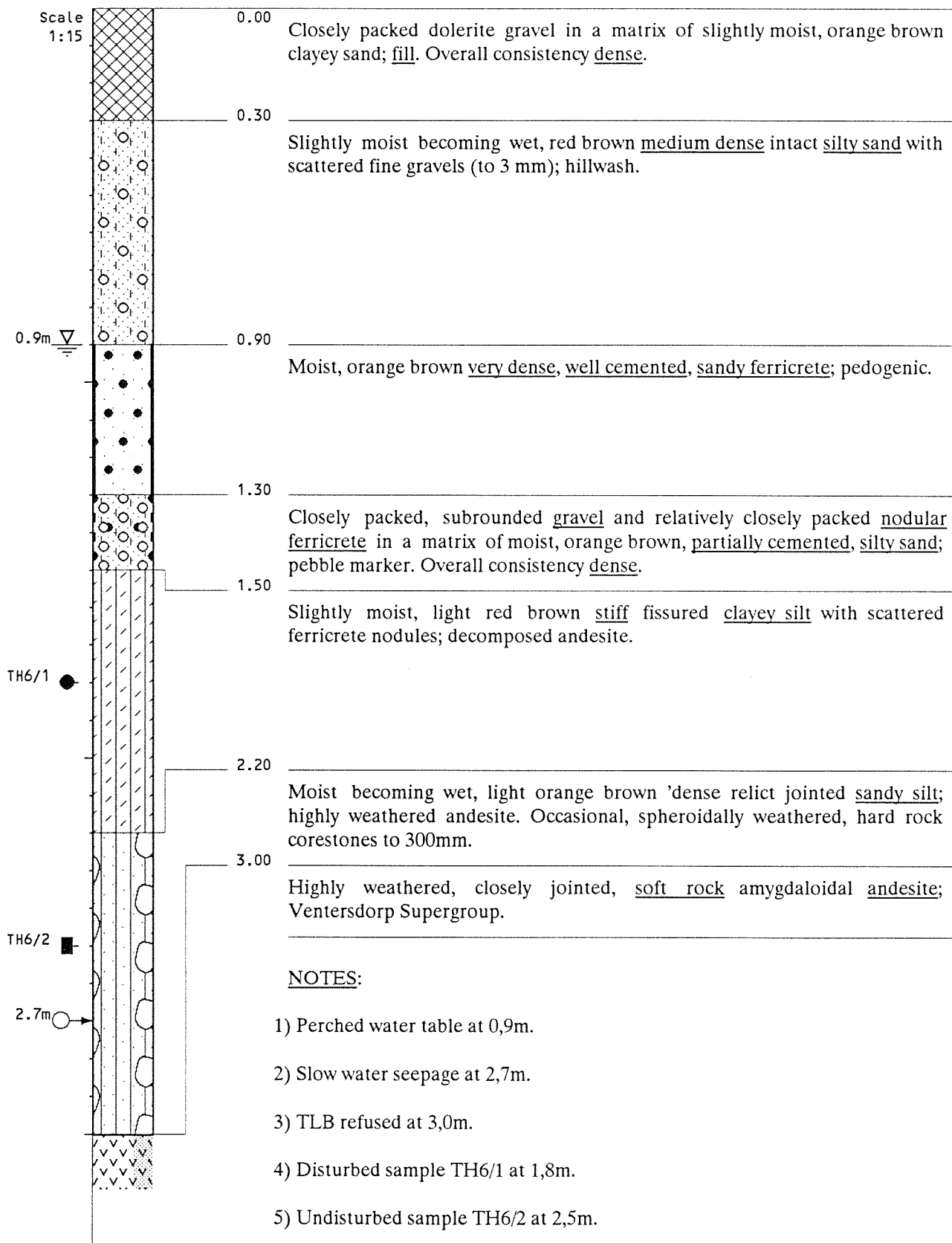
NOTES

1. Perched water table at 0,9m.
2. Slow water seepage at 2,7m.
3. TLB refused at 3,0m.
4. Disturbed sample TH6/1 at 1,8m.
5. Undisturbed sample TH6/2 at 2,5m.

//

///

FILE EX1.TXT



CONTRACTOR : RHINO PLANT HIRE
MACHINE : CASE 580 TLB
DRILLED BY :
PROFIED BY : A. GEOLOGIST
TYPE SET BY : LOLLY
SETUP FILE : EX1.SET

INCLINATION : VERTICAL
DIAM : 600MM WIDE TRENCH
DATE : 11 Dec 91
DATE : 11 Dec 91
DATE : 01/05/92 14:49
TEXT : ex1.txt

ELEVATION : 1703.,2m
X-COORD : 25800,5
Y-COORD : -2267,0

HOLE No: EX1

EXERCISE 2

● FEATURES

	Related Exercises	Refer Manual
PERCUSSION LOG example	. 2 3	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
GRAPH	. 2 3 4 5 6 . . .	4-06
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SUB-COLUMN LABELS	. 2	4-06
SUPPRESS ATTRIBUTE SHOOTER LINES	. 2 . . . 6 . . .	4-07
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .	4-07

● LAYOUT

JET-SETUP		EX2.SET
FONT	1 Scale Option	
PROM	3200 Page Size	
PROV	0 Apage LH margin	
CONV	0 Apage RH margin	
PATH	0 Ppage LH margin	
LAYO	0 Ppage RH margin	
COLO	300 Header block	
SAVE	300 Footer block	
SWIT	100 Borelog Options	< Suppress ReducedLevel but leave shooter lines
	575 Jobtitle offset	
	0 Footer Margin-1	
	790 Footer Margin-2	
	4 Indent Module	
	2 Logo ID or FILE	< New logo ID
	100 Logo-X	
	100 Logo-Y	
	400 Compress option	< One page output, 400 dots reserved for attrib.
	6 Lines per inch	

● FONT SETTINGS

JET-SETUP		EX1.SET
FONT	< To change primary fonts and download fonts to printer	
PROM		
PROV	FONT-1	< FIRST primary font (DUTCH 10U upright 10 pt.)
CONV	FONT-2	< SECOND primary font (DUTCH 10U italic 10 pt.)
PATH	FONT-3	< for footer titles (SWISS 10U italic 6 pt.)
LAYO	DOWNLOAD	
COLO		
SAVE		
SWIT		

TEXT FILE

EXERCISE 2

FEATURES OF EXERCISE 2

Related Exercises

PERCUSSION LOG example	. 2 3
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9
COMPRESS output on one page	. 2 3 . . 6 . . 9
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9
GRAPH	. 2 3 4 5 6 . . .
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9
SUB-COLUMN LABELS	. 2
SUPPRESS ATTRIBUTE SHOOTER LINES	. 2 . . . 6 . . .
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .

CLIENT : WILLIAM PULLEN & PARTNERS
 JOB NAME : BRESTA PERIMETER \ NEW FUTURE DEVELOPMENT \ PERCUSSION LOG EXAMPLE
 JOB NO : 596
 MACHINE : SPT RIG
 PROFILED BY : B. and T. ROBUST
 DATE : 25 MARCH 92
 DATE DRILLED : 18/19 MARCH 92
 TYPESET BY : BETH
 CONTRACTOR : GEOMECHANICS
 ORIENTATION : VERTICAL
 LOCATION : NORTH EAST CORNER

HOLE NO: EX2

/

0 - 0,45	Moist, brown, intact, 'clayey, medium and fine 'sand. Hillwash.
1,35	Moist, reddish brown, firm, 'sandy'clay. Reworked residual greenstone.
1,8	~As~above but firm.
2,25	~As~above but firm to soft.
2,7	~As~above but soft and micaceous. Residual greenstone.
3,15	Moist, pale orange speckled black, firm, slightly 'clayey' 'sandy' silt. Residual micaceous greenstone. Becomes olive with depth.
3,6	Slightly moist, pale olive speckled olive and off-white, firm, friable, 'sandy' silt. Residual greenstone.
4,05	~As~above.
4,5	Slightly moist, light olive speckled off-white, friable, firm to stiff, slightly 'sandy' silt. Residual greenstone.
5,4	~As~above.
5,85	Light olive speckled off-white, stiff, relict jointed, coarse grained friable, 'sandy' silt. Residual greenstone.
6,3	~As~above.
6,75	~As~above.
7,2	~As~above.
7,65	~As~above but becomes more granular.[SAND]
8,10	~As~above
8,14	~As~above but with medium weathered, medium hard rock, greenstone. Refusal may be on corestone or highly weathered greenstone bedrock.

/

ATTRIBUTE: D.C.P.BLOW*COUNT[GRAPH 80][S=VERY SOFT 20 SOFT 40 MEDIUM 60 STIFF 80]

0 - 0,45:	8
1,35 :	11
1,8 :	11
2,25 :	11
2,7 :	12
3,15 :	18
3,6 :	30
4,05 :	33
4,5 :	46
5,4 :	39
5,85 :	51
6,3 :	50
6,75 :	52

```
7,2 : 63
7,65 : 62
8,1 : 71
8,14 : Refusal
//
///
FILE EX2.TXT
```



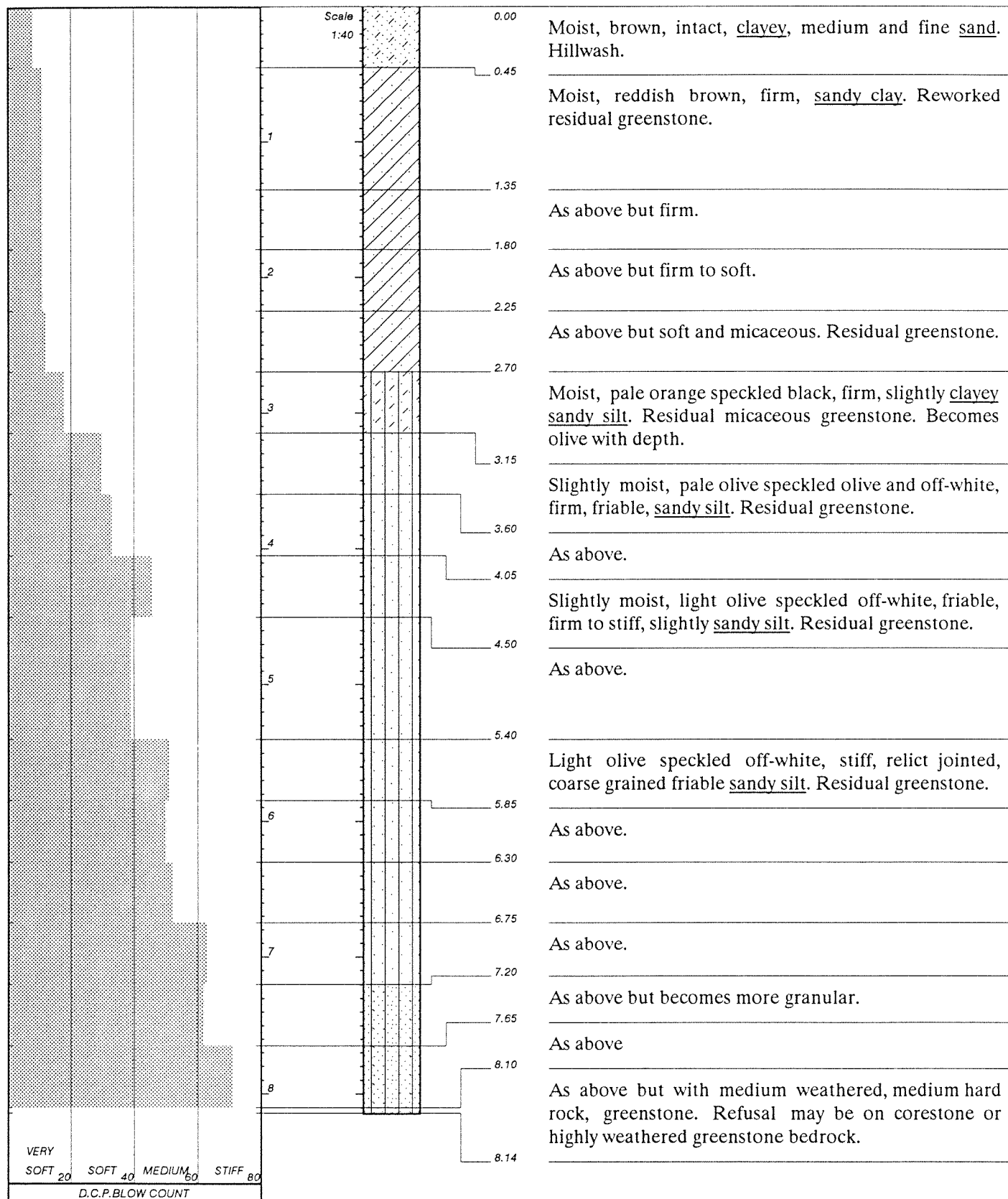
MATTHEWS ASSOCIATES
ENGINEERING GEOLOGISTS
RIVONIA 011-803-1455

WILLIAM PULLEN & PARTNERS
BRESTA PERIMETER
NEW FUTURE DEVELOPMENT
PERCUSSION LOG EXAMPLE

HOLE No: EX2

Sheet 1 of 1

JOB NUMBER: 596



CONTRACTOR : GEOMECHANICS
MACHINE : SPT RIG
DRILLED BY :
PROFIED BY : B. and T. ROBUST
TYPE SET BY : BETH
SETUP FILE : EX2.SET

INCLINATION : VERTICAL
DIAM :
DATE : 18/19 MARCH 92
DATE : 25 MARCH 92
DATE : 01/05/92 14:48
TEXT : ex2.txt

ELEVATION :
X-COORD :
Y-COORD :

HOLE No: EX2
NORTH EAST CORNER

EXERCISE 3

FEATURES

FEATURES OF EXERCISE 3

	Related Exercises	Refer Manual
PERCUSSION LOG example	. 2 3	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
GRAPH	. 2 3 4 5 6 . . .	4-06
ROCKHEAD & WEATHERING SYMBOLS	. . 3 9	5-03
SAMPLES	1 . 3 . 5	4-04
SAMPLES: (not listed in notes)	. . 3 4	4-04
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SUB-COLUMN NUMBERS	. . 3	4-06
WATER TABLE SYMBOLS	1 . 3 . 5	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

LAYOUT

JET-SETUP EX3.SET

FONT	1	Scale Option	
PROM	3200	Page Size	
PROV	0	Apage LH margin	
CONV	0	Apage RH margin	
PATH	0	Ppage LH margin	
PATH	0	Ppage RH margin	
LAYO	300	Header block	
COLO	300	Footer block	
SAVE	0	Borelog Options	
SWIT	575	Jobtitle offset	
	0	Footer Margin-1	
	790	Footer Margin-2	
	4	Indent Module	
	12	Logo ID or FILE	< Logo macro id number
	182	Logo-X	
	100	Logo-Y	
	0	Compress option	< Note that the text file overrides this setting
	6	Lines per inch	

FONT SETTINGS

JET-SETUP EX3.SET

FONT	< To change primary fonts and download fonts to printer	
PROM		
PROV	FONT-1	< FIRST primary font (DUTCH 10U italic 10 pt.)
CONV	FONT-2	< SECOND primary font (DUTCH 10U upright 10 pt.)
PATH	FONT-3	< for footer titles (LINEPRN 10U upright 8.5 pt)
LAYO	DOWNLOAD	
COLO		
SAVE		
SWIT		

TEXT FILE

EXERCISE 3

FEATURES OF EXERCISE 3

	Related Exercises	Refer Manual
PERCUSSION LOG example	. 2 3	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
GRAPH	. 2 3 4 5 6 . . .	4-06
ROCKHEAD & WEATHERING SYMBOLS	. . 3 9	5-03
SAMPLES	1 . 3 . 5	4-04
SAMPLES: (not listed in notes)	. . 3 4	4-04
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SUB-COLUMN NUMBERS	. . 3	4-06
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

CLIENT : DRIE AARBEI DEVELOPMENT BOARD
 JOBTITLE : BRIDGE TO WATERWORKS \ PERCUSSION LOG EXERCISE
 JOB NO : 1306011
 PPLHM : 700 profile page right hand margin 300 dots= 1inch
 COMPRESS : 700 attribute page compressed onto profile page
 MACHINE : Universal GB10
 DATE : JUNE 1990
 XCOORD : 123.4
 YCOORD : 432.1
 COLLAR LEVEL: 234.56
 CONTRACTOR : BUNNET DRILLING
 ORIENTATION : VERTICAL
 LOGGED BY : C.M.Burnett
 LOCATION : Kromdraai Ptn 3

HOLE NO : EX3

/

1m Moist , red brown, 'silty 'sand with minor amounts of subrounded ferricrete nodules and mixed gravels; hillwash.

7m Slightly moist, orange brown 'silty 'sand becoming clayey sand below about 7m; Karoo diamictite some grey mudstone pellets from 4m.

11m ~Clayey ~sand.

18m Slightly moist, light brown 'silty 'sand as matrix to equal amount of grey, angular chert fragments (to 5mm). Karoo diamictite. [chert]

20m Moist, dark brown, occasionally orange, 'clayey 'silt with minor amounts of fine chert fragments (to 5mm); Karoo diamictite.

NOTES:

2) Water strike at 10.5m.
 1 Water table at 17m.
 9 Weathering horizon at 18.6m.

SAMPLES:

H23 at 12.5

ATTRIBUTE : HOLE DIAM

11m : 150mm
 20m : 120mm

ATTRIBUTE : CASE DIAM

20m : not cased

ATTRIBUTE : PENET- RATION TIME hrs

ATTRIBUTE : PENETRATION RATE min/metre [WIDTH 2.5] [GRAPH 8] [S=2 4 6 8]

1 : .5
 2 : .8
 3 : 2.3
 4 : 2.2

```
5      : 4.7
6      : 4.9
7      : 6.4
8      : 3.5
9      : 3.4
10     : 2.6
11     : 3.0
12     : 2.3
13     : 2.4
14     : 1.7
15     : 1
16     : 1.5
17     : 1.4
18     : 2.6
19     : 2.5
20     : 3.5
```

```
//
///
FILE EX3.TXT
```

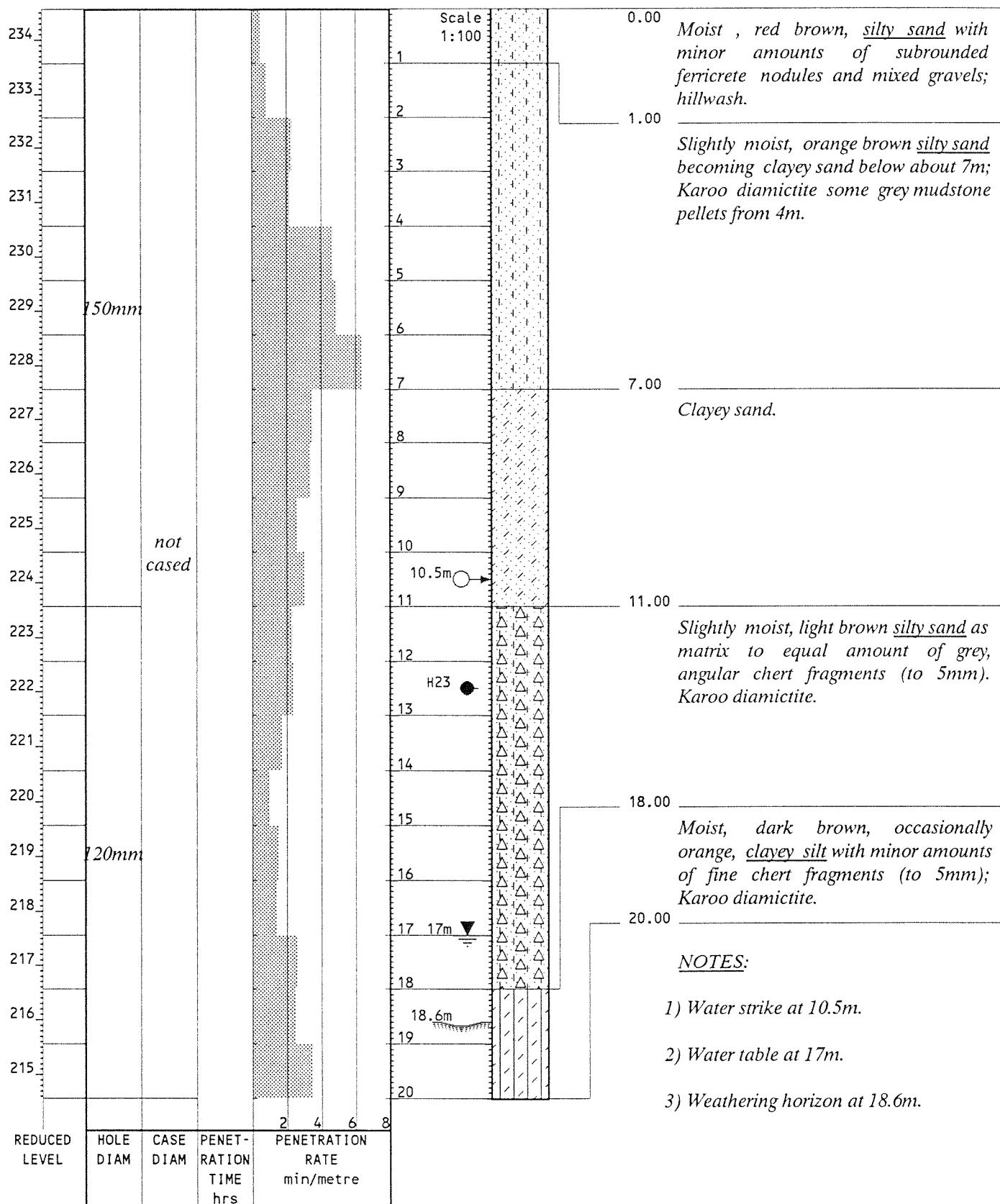


MATTHEWS ASSOCIATES
GEOTEGNIESE RAADGEWERS
RIVONIA 011-803-1455

DRIE AARBEI DEVELOPMENT BOARD
BRIDGE TO WATERWORKS
PERCUSSION LOG EXERCISE

HOLE No: EX3
Sheet 1 of 1

JOB NUMBER: 1306011



CONTRACTOR : BUNNET DRILLING
MACHINE : Universal GB10
DRILLED BY :
PROFILED BY : C.M.Burnett
TYPE SET BY :
SETUP FILE : EX3.SET

INCLINATION : VERTICAL

DIAM :
DATE :
DATE : JUNE 1990

DATE : 01/05/92 14:47
TEXT : ex3.txt

ELEVATION : 234.56
X-COORD : 123.4
Y-COORD : 432.1

HOLE No: EX3
Kromdraai Ptn 3

EXERCISE 4

FEATURES

FEATURES OF EXERCISE 4

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
HATCHED GRAPH	. . . 4 5	4-06
INVERSE GRAPH	. . . 4 5	4-06
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SAMPLES: (not listed in notes)	. . 3 4	4-04
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07
TWIN COLUMNS newspaper style	. . . 4 5	6-02
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

LAYOUT

The screenshot shows the 'JET-SETUP' menu with the following options:

- 1 Scale Option
- 3200 Page Size
- 0 Apage LH margin
- 0 Apage RH margin
- 0 Ppage LH margin
- 0 Ppage RH margin
- 300 Header block
- 300 Footer block
- 0 Borelog Options
- 625 Jobtitle offset
- 0 Footer Margin-1
- 790 Footer Margin-2
- 4 Indent Module
- 11 Logo ID or FILE
- 182 Logo-X
- 100 Logo-Y
- 0 Compress option
- 6 Lines per inch

A note at the bottom states: 'Job title moved slightly to right'.

FONT SETTINGS

The screenshot shows the 'JET-SETUP' menu with the following options:

- FONT-1
- FONT-2
- FONT-3
- DOWNLOAD

A note at the top states: 'To change primary fonts and download fonts to printer'.

Additional text in the screenshot:

- < FIRST primary font (DUTCH 10U upright 10 pt.)
- < SECOND primary font (DUTCH 10U italic 10 pt.)
- < for footer titles (LINEPRN 10U upright 8.5 pt.)

TEXT FILE

EXERCISE 4

FEATURES OF EXERCISE 4

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
HATCHED GRAPH	. . . 4 5	4-06
INVERSE GRAPH	. . . 4 5	4-06
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SAMPLES: (not listed in notes)	. . 3 4	4-04
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07
TWIN COLUMNS newspaper style	. . . 4 5	6-02
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

Client : Clients name
 Job Number : 321
 machine : BOYLES BBS 17
 diam : HMLC 150mm
 Job Title : PROJECT TITLE\Project Title\Project Title
 Typed by : R Raubenheimer
 XCOORD : +317,7
 YCOORD : -750,5
 LOCATION : RISSIK STREET
 Ground Level : +243,17
 Orientation : 30 deg
 Hole number : EX4
 Logged by : JKL
 Date drilled : 25/09 - 29/10/88
 Aplhm : -150 This value moves the A-Page left hand margin outwards
 Aprhm : -100 This value moves the A-Page right hand margin outward
 /

0,4 Dark brown to black organic 'clayey 'sand.##REMARKS:
 Transported topsoil.

 3,4 Mainly yellow-brown 'coarse 'sand with sub-angular 'gravel of
 quartzite, diabase and granite here and there.##REMARKS:
 Transported material.
 6 Moderately weathered light grey to light brown, fine-grained
 'granite.
 9.55 Slightly weathered light grey speckled fine-grained 'granite.
 Prominent weathered joint of '100mm width at 8,3m
 depth.\ ##REMARKS: Clayey sand weathering product (100mm).
 10 Orange-brown 'clayey 'sand. \ ##REMARKS: Completely weathered
 zone.

 19,8 Unweathered grey-white 'granite with joint planes.

/
 SAMPLES:
 BH9/2 at 3,3
 BH9/3 at 9.7 undisturbed
 BH9/1 at 2.5

ATTRIBUTE: % MATERL RECO- VERED [WIDTH .8]
 0,4 : 100
 1,43: 93
 2,21: 93
 2,91: 100
 3,58: 89
 4,08: 92 92
 6,17: 99
 9,25: 100
 11,66: 95
 14,66: 100
 17,66: 100
 19,76 : 99

ATTRIBUTE: % CORE RECOVERED [WIDTH=.8] [GRAPH 100 PLUS NUMBERS]

0,4 :0
 1,43: 0
 2,21: 0
 2,91: 0
 3,58: 30
 4,08: 92
 6,17: 99
 9,25: 99
 11,66: 95
 14,66: 100
 17,66: 100
 19,76 : 99

ATTRIBUTE: % RQD [WIDTH = .8]

0,4 :0
 1,43: 0
 2,21: 0
 2,91: 0
 3,58: 0
 4,08: 20
 6,17: 43
 9,25: 69
 11,66: 60
 14,66: 88
 17,66: 83
 19,76 : 95

ATTRIBUTE : [WIDTH .05 This will create a double line in the table]

ATTRIBUTE ::

FAB: ROCK FABRIC AND GRAIN

SET: JOINT NO OF SETS

INC: JOINT INCLIN (deg)

SPA: JOINT SPACING

ROU: JOINT ROUGH- NESS

FIL: JOINT FILLING [COL WIDTH 1.4]

FRA: JOINT FRAC. FREQ.

HAR: ROCK HARD- NESS [WIDTH ,8]

WEA: WEATH- ERING [GRAPH = 100] [WIDTH 0.8] [INVERSE]

DEPTH	FAB:	SET:	INC:	SPA:	ROU:	FIL:	FRA:	HAR:	WEA:
0.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	[H]
3.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100
6,0	MF MG	2	20-30 70-90	CJ -	RJ RJ	Stained Stained	10	SR	100
9,55	MF MG	3	20-30 40-60 70-90	MJ MJ -	RJ RJ RJ	Stained Stained Stained	6	MSR	40
10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19,76	MF MG	2	20-30 40-60	MJ WJ	RJ RJ	- Stained	3	HR	20

//

///

FILE EX4.TXT



JONES & WAGENER Ing
RAADGEWENDE SIVIELE INGENIEURS
RIVONIA 011-803-1455

Clients name
PROJECT TITLE
Project Title
Project Title

HOLE No: EX4
Sheet 1 of 1

JOB NUMBER: 321

Scale
1:100

BH9/1
BH9/2

BH9/3

0.00

Dark brown to black organic clayey sand.

REMARKS: Transported topsoil.

0.40

Mainly yellow-brown coarse sand with sub-angular gravel of quartzite, diabase and granite here and there.

REMARKS: Transported material.

3.40

Moderately weathered light grey to light brown, fine-grained granite.

6.00

Slightly weathered light grey speckled fine-grained granite. Prominent weathered joint of $\pm$ 100mm width at 8,3m depth.

REMARKS: Clayey sand weathering product (100mm).

9.55

Orange-brown clayey sand.

REMARKS: Completely weathered zone.

10.00

Unweathered grey-white granite with joint planes.

19.80

CONTRACTOR :
MACHINE : BOYLES BBS 17
DRILLED BY :
PROFILED BY : JKL
TYPE SET BY : R Raubenheimer
SETUP FILE : EX4.SET

INCLINATION : 30 deg
DIAM : HMLC 150mm
DATE : 25/09 - 29/10/88
DATE :
DATE : 01/05/92 14:46
TEXT : ex4.txt

ELEVATION : +243,17
X-COORD : +317,7
Y-COORD : -750,5

HOLE No: EX4
RISSIK STREET

Sheet 1 of 1

JOB NUMBER: 321

MF -massive
BF -bedded
FF -foliated
CF -cleaved
SF -schistose
GF -gneissose
LF -laminated

FG -fine grained
MG -medium grain
CG -coarse grain

V CJ -very close spacg
CJ -close spacing
MJ -medium spacing
WJ -wide spacing
VWJ -very wide spacng

SLJ - slicksided
SJ - smooth
RJ - rough

CUR-curvilinear
 PLA-planar
 UND-undulating
 STE-stepped
 IRR-irregular

EHR-extremely hard rock
VHR-very hard rock
HR -hard rock
MHR-medium hard rock
SR -soft rock
VSR-very soft rock

243	100	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	93	0	0										1
242	93	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		2
241	100	0	0										3
	89	30	0										
240	92	92	20										4
	92												
239	99	99	43	MF MG	2	20-30 70-90	CJ -	RJ RJ	Stained Stained	10	SR		5
238													6
237	100	99	69	MF MG	3	20-30 40-60 70-90	MJ MJ -	RJ RJ RJ	Stained Stained Stained	6	MSR		7
236													8
235													9
				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		10
234	95	95	60										11
233													12
232	100	100	88										13
231													14
230				MF MG	2	20-30 40-60	MJ WJ	RJ RJ	- Stained	3	HR		15
229	100	100	83										16
228													17
227	99	99	95										18
226													19
REDUCED LEVEL	% MATERL RECO- VERED	% CORE RECO- VERED	% RQD	ROCK FABRIC AND GRAIN	JOINT NO OF SETS	JOINT INCLIN (deg)	JOINT SPACING	JOINT ROUGH- NESS	JOINT FILLING	JOINT FRAC. FREQ.	ROCK HARD- NESS	WEATH- ERING	DEPTH Scale 1:100

EXERCISE 5

FEATURES

FEATURES OF EXERCISE 5

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
HATCHED GRAPH	. . . 4 5	4-06
INVERSE GRAPH	. . . 4 5	4-06
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .	4-07
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07
TWIN COLUMNS newspaper style	. . . 4 5	6-02
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

LAYOUT

FONT 3200

PROM 0

PROV 0

CONV -200

PATH 0

LAYO 350

COLO 300

SAVE 110

SWIT 500

1 Scale Option

3200 Page Size

0 Apage LH margin

0 Apage RH margin

-200 Ppage LH margin

0 Ppage RH margin

350 Header block

300 Footer block

110 Borelog Options

500 Jobtitle offset

0 Footer Margin-1

790 Footer Margin-2

4 Indent Module

112 Logo ID or FILE

320 Logo-X

100 Logo-Y

0 Compress option

6 Lines per inch

JET-SETUP

EX5.SET

< Note Profile page left margin moved outwards

< Note No Reduced Level, no Attribute shooters

< Note Job title has been moved slightly left

FONT SETTINGS

FONT-1

FONT-2

FONT-3

DOWNLOAD

JET-SETUP

EX5.SET

< To change primary fonts and download fonts to printer

< FIRST primary font (DUTCH 10U upright 10 pt.)

< SECOND primary font (DUTCH 10U italic 10 pt.)

< for footer titles (LINEPRN 10U upright 8.5 pt)

TEXT FILE

EXERCISE 5

FEATURES OF EXERCISE 5

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
HATCHED GRAPH	. . . 4 5	4-06
INVERSE GRAPH	. . . 4 5	4-06
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .	4-07
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07
TWIN COLUMNS newspaper style	. . . 4 5	6-02
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

NOTE that in the header block a new line without a colon can be used as a comment relating to the text which follows.

```

Client      : BLANK RIVER BASIN DEVELOPMENT\BLANK DAM SITE\for
Job Number  : 121A
Job Title   : CHINUP FRED\CONSULTING ENGINEERS$
Contractor  : BENNET DRILLING
Typed by    : dPBureau
X-COORD     : 4317.7
Y-COORD     : -5750.5
Location    : LICHTENBURG 121
Ground Level : 243,17
Orientation : 90 deg
Hole number : EX5
Logged by   : JKL
Date drilled : 25/09 - 29/10/88
Aplhm      : -150 This value moves the A-Page left hand margin outwards
Aprhm      : -100 This value moves the A-Page right hand margin outwards
PPLHM      : -200 This value moves the P-Page left hand margin outwards
DRILLER    : J.duPreez
  
```

```

/
0,0001  'DESCRIPTION##$'INTERPRETATION

0,4  Dark brown to black organic 'clayey 'sand.
    #$$Transported topsoil.

3,4  Mainly yellow-brown 'coarse 'sand with sub-angular ~gravel of
    quartzite, $diabase and granite$.
    #$$Transported material. Pebble marker at 3,0m.

6  Moderately weathered light grey to light brown, fine-grained
    'granite.

9,55 Slightly weathered light grey with black and olive-green speckled
    fine-grained 'granite.
    Prominent weathered joint of '+' 100mm width at 8,3m
    depth.
    #$$Clayey sand weathering product (100mm).

10  GREEN Orange-brown soapy 'clayey 'sand.
    #$$Completely weathered zone.

19,8 Unweathered grey-white 'granite with joint planes stained down to a depth
    of 11m. Broken core at 14.5 and 17.5m depth probably due to drilling
    process.

23,4 Yellow-brown 'coarse 'sand with sub-angular ~gravel of
    quartzite, $diabase and granite$, especially at the base.
    #$$Transported material. Pebble marker at 3,0m.
  
```

26 Fully weathered light grey to light brown, fine-grained
'granite.

27.55 Fully weathered light grey with black and olive-green speckled
fine-grained 'quartz 'granite.
Prominent weathered joint of '+ 100mm width at 8,3m
depth.
#\$granite weathering product (100mm).

27.55+ END OF HOLE on 'granite.

/

NOTES:

Water table observations # 10.1m on JAN01/89 (18:20)\
12.2m on AUG06/89 at 6:25\ 8.8m on SEP05/89.

Cores Stored: Lichtenburg Shed 3. # Photographed: 28-09-89

ATTRIBUTE: % MATERL RECO- VERED [WIDTH .8]

0,4 : 100
1,43: 93
2,21: 93
2,91: 100
3,58: 89
4,08: 92
6,17: 99
9,25: 100
11,66: 95
14,66: 100
17,66: 100
19,76 : 99

ATTRIBUTE: % CORE RECO- VERED [WIDTH=.8]

0,4 : 0
1,43: 0
2,21: 0
2,91: 0
3,58: 30
4,08: 92
6,17: 99
9,25: 99
11,66: 95
14,66: 100
17,66: 100
19,76 : 99

ATTRIBUTE: % RQD [WIDTH = .8] [GRAPH] [INVERSE] [NUMBERS]

0,4 : 0
1,43: 0
2,21: 0
2,91: 0
3,58: 0
4,08: 20
6,17: 43
9,25: 69
11,66: 60
14,66: 88
17,66: 83
19,76 : 95

ATTRIBUTE : TEST RESULTS [WIDTH 1.2]

@7.5 : 1S 15MPa
@16.2 : 1s 22MPa -- UCS 90MPa
@17.2 : UCS 102MPa

ATTRIBUTE : NEW 15TH COL [WIDTH 0.6]

4.08 : write any thing you like

ATTRIBUTE ::

FAB: ROCK FABRIC AND GRAIN

FIN: FABRIC INCLIN (deg)

INC: JOINT INCLIN (deg)

SPA: JOINT SPACING

ROU: JOINT ROUGH- NESS

FIL: JOINT FILLING AND THICKNESS [COL WIDTH 1.2]

DEPTH	FAB:	FIN:	INC:	SPA:	ROU:	FIL:
0.4	N/A	1	N/A	N/A	N/A	N/A
3.4	N/A	2	N/A	N/A	N/A	N/A
6,0	MF	3	20-30	CJ	RJ	Stained
	MG	4	70-90	-	RJ	Stained
9,55	MF	5	20-30	MJ	RJ	Stained
	MG	6	40-60	MJ	RJ	Stained
		7	70-90	-	RJ	Stained
10	N/A	8	N/A	N/A	N/A	this is^a typical bumpbox
19,76	MF	9	20-30	MJ	RJ	-
	MG	10	40-60	WJ	RJ	Stained

ATTRIBUTE : JOINT FRAC. FREQ.

2:20

4: 20

6: 15

8: 10

10: 10

12: 5

14:2

16: 1

18: 1

20: 1

22: 10

24: 20

26: 10

27: 5

ATTRIBUTE ::

WEA: WEATH- ERING

[GRAPH = 100] [WIDTH 0.8]

STR: ROCK STRE- NGTH

[WIDTH ,8] [INVERT] [GRAPH] [NUMBERS]

DEPTH	WEA:	STR:
0.4	100 [H]	0 [H]
3.4	100	0
6,0	100	25
9,55	40	50
10	100	2
19,76	20	75

```
ATTRIBUTE: WATER LOSS [WIDTH .6]
6.7 : NT
9.2 : 5
11.7 : 5
14.8 : 4
16.7 : 1
19.76 : 1
```

```
//
///
FILE EX5.TXT
Further text is not processed.
The name of the text file may be placed here for reference.
=====
```

CHAMBER OF MINERS

Private Box 1234

PRETORIA 4321

REPUBLIC OF SOUTH AFRICA



BLANK RIVER BASIN DEVELOPMENT

BLANK DAM SITE

for

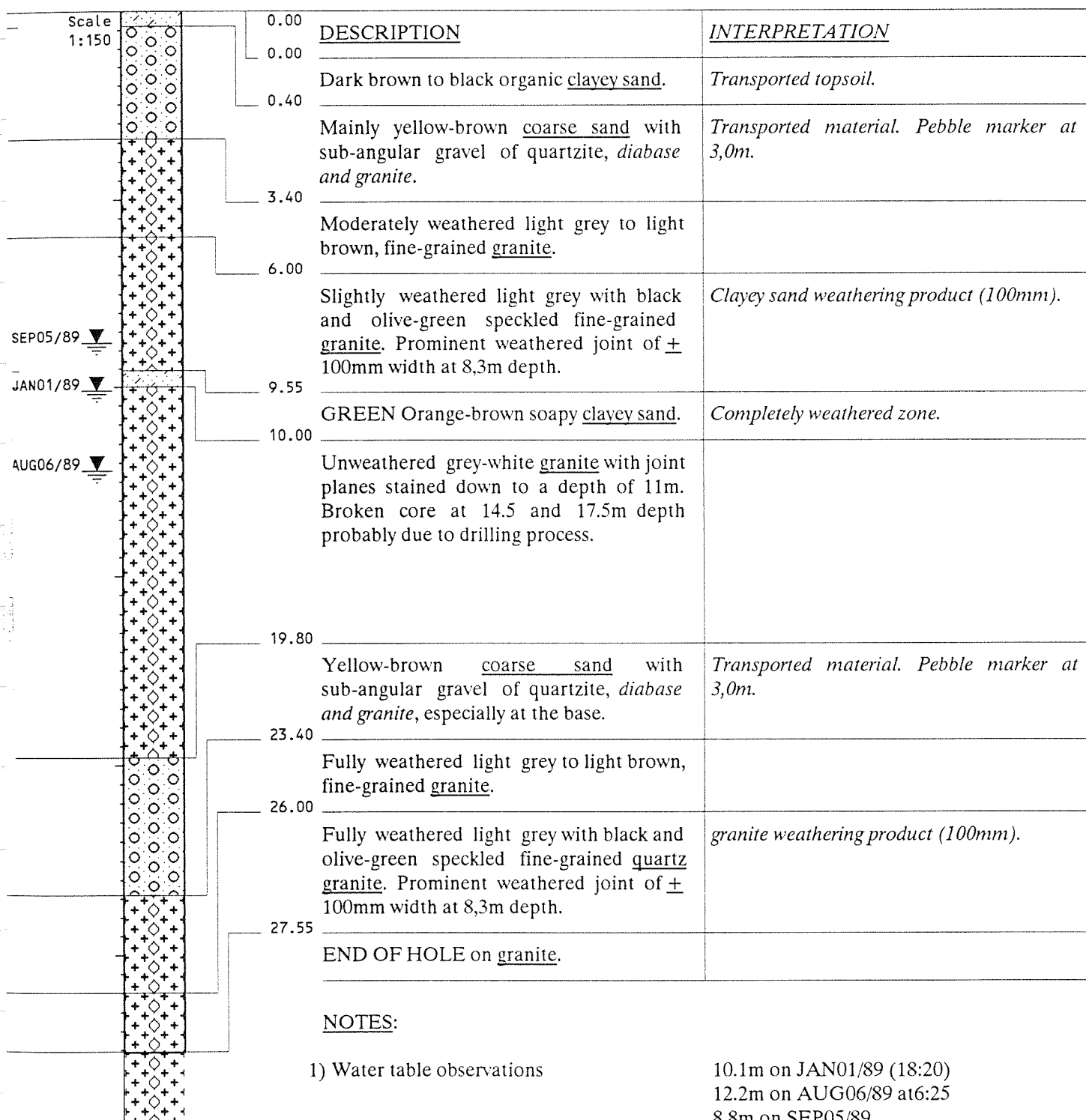
CHINUP FRED

CONSULTING ENGINEERS

HOLE No: EX5

Sheet 1 of 1

JOB NUMBER: 121A



NOTES:

1) Water table observations

10.1m on JAN01/89 (18:20)

12.2m on AUG06/89 at 6:25

8.8m on SEP05/89.

2) Cores Stored: Lichtenburg Shed 3.

Photographed: 28-09-89

CONTRACTOR : BENNET DRILLING

MACHINE :

DRILLED BY : J.duPreez

PROFILED BY : JKL

TYPE SET BY : dPBureau

SETUP FILE : EX5.SET

INCLINATION : 90 deg

DIAM :

DATE : 25/09 - 29/10/88

DATE :

DATE : 01/05/92 14:43

TEXT : ex5.txt

ELEVATION : 243,17

X-COORD : 4317.7

Y-COORD : -5750.5

HOLE No: EX5

LICHTENBURG 121

EXERCISE 6

FEATURES

FEATURES OF EXERCISE 6

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
INDENTATION	 6 . 8 .	6-02
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LINES PER INCH	 6 . . 9	3-11
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SMALL FONT	 6 . . .	6-02
SUPPRESS ATTRIBUTE SHOOTER LINES	. 2 . . 6 . . .	4-07
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .	4-07
SUPPRESS SOIL LAYER SHOOTER LINES	 6 . . .	4-07
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

LAYOUT

JET-SETUP EX6.SET

FONT	3200	Scale Option	
PROM	0	Page Size	
PROV	0	Apage LH margin	
CONV	-100	Apage RH margin	< Note Left margin moved outwards
PATH	0	Ppage LH margin	
LAYO	320	Ppage RH margin	< Note Header block slightly bigger
COLO	300	Header block	
SAVE	110	Footer block	
SWIT	500	Borelog Options	< Note No reduced level, no attrib.shooters
	0	Jobtitle offset	< Note Job title slightly to the left
	790	Footer Margin-1	
	4	Footer Margin-2	
	3117	Indent Module	
	-100	Logo ID or FILE	
	50	Logo-X	
	700	Logo-Y	< Note 700 dots reserved for attribute column
	8	Compress option	< Line spacing in description-block (Lines/inch)
		Lines per inch	

FONT SETTINGS

JET-SETUP EX6.SET

FONT	< To change primary fonts and download fonts to printer	
PROM	FONT-1	< FIRST primary font (SWISS 10U upright 7 pt.)
CONV	FONT-2	< SECOND primary font (SWISS 10U italic 6 pt.)
PATH	FONT-3	< for footer titles (SWISS 10U italic 6 pt.)
LAYO	DOWNLOAD	
COLO		
SAVE		
SWIT		

TEXTFILE

EXERCISE 6

FEATURES OF EXERCISE 6

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
INDENTATION	 6 . 8 .	6-02
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LINES PER INCH	 6 . . 9	3-11
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
SMALL FONT	 6 . . .	6-02
SUPPRESS ATTRIBUTE SHOOTER LINES	. 2 . . . 6 . . .	4-07
SUPPRESS REDUCED LEVELS	. 2 . . 5 6 . . .	4-07
SUPPRESS SOIL LAYER SHOOTER LINES	 6 . . .	4-07
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

CLIENT : NEWASH SALTMINE (NORTH)
JOB NO : NSN91A1
JOB NAME : MULTIMINERAL PROSPECT \ FEASIBILITY STUDY
CONTRACTOR : JANEWSKI DRILLING
MACHINE : TANGENT TB6D
DIAMETER : 120 mm
DATE : COMPLETED 31-11-91
LOGGED BY : NRY/PAC
TYPE SET BY : SECRETARY

HOLE NUMBER: EX6
ORIENTATION : 90°
LOCATION : DE KAAP 2 RIB NORTH
XCOORD : 7514
YCOORD : 59660
COLLAR LEVEL: 688.78

/

- 1.5 Moist, brown slightly ~sandy ~SILT with one phonolite cobble. (COLLUVIUM).
- 9.95 Moist, brown, ~clayey ~SILT with phonolite and melanephelinite lava cobbles and ~boulders up to 1m. \ (COLLUVIUM) \
- \NOTE\
\$South Africa has an extremely vigorous mining industry. We rank with the world leaders in gold mining, uranium, iron ore, coal, diamond, platinum, chrome, asbestos and copper mining.\
\
The expertise of our geological exploration industry, likewise a world leader, is exported worldwide.
DOTPLOT, developed in South Africa, has gained wide acceptance and is the standard adopted by the S.A. Government Geological Survey Department.
- 10.27 ~CONGLOMERATE. (INTERFLOW).
- 10.85 CLASTIC MELANEPHELINITE ~LAVA weak to moderately strong. (INTERFLOW).
- 12.57 Dark grey, very closely jointed , fresh to slightly weathered MELANEPHELINITE ~LAVA , strong. Irregular calcite infilled cavities, veins and zones. \
((\$ Rough undulating joints: 40-50 degrees and sub-horizontal limenite staining. \$
- 13.5 Grey, closely jointed to highly fractured, fresh to slightly weathered, CLASTIC MELANEPHELINITE ~LAVA, extremely weak to moderately strong. Disseminated calcite and green smectite. (INTERFLOW).

```

{($      Rough undulating joints: 40-50 degrees and sub-horizontal
        calcite and green smectite infills.$

15.52   Dark grey, very closely jointed, fresh MELANEPHELINITE ~LAVA, moderately
        strong to strong. Irregular calcite infilled cavities and
        incipient fractures.

16.69   Grey mottled green, very closely jointed, fresh
        to slightly weathered CLASTIC MELANEPHELINITE ~LAVA, moderately
        strong. With a disseminated green smectite matrix. (INTERFLOW).
        {($      Rough, undulating joints: 0-90°, green smectite infills and
        limenite.$

19.33   Dark grey, closely jointed, fresh to slightly weathered
        MELANEPHELINITE ~LAVA, strong. Irregular calcite infilled cavities and
        incipient fractures with associated green smectite.

20.00   CLASTIC MELANEPHELINITE ~LAVA, moderately weak to moderately strong.
        (INTERFLOW).

```

```

/
ATTRIBUTE ::

```

```

WAT: WATER TESTS
DWR: DRILL WATER RETURN [GRAPH]
PLI: POINT LOAD INDEX MPa
WEA: WEATH ERING [GRAPH]
COR: TOTAL CORE RECO- VERY[GRAPH 100]
SCO: SOLID CORE RECO- VERY[GRAPH]
RQD: ROCK QUAL DESIG [GRAPH]
FRI: FRAC- TURE INDEX per^m.

```

DEPTH	WAT:	DWR:	PLI:	WEA:	COR:	SCO:	RQD:	FRI:
1					50			
1.5					40			
2.3					50			
3.7		100			30			
4.1		0			90			
5.0		50			80			
5.7		45			95			
6.5		30			90			
7.2		0			60			
7.9		0			95			
8.5		0			80			
9.0		100			40			
9.7		100			60			
10.1		100			90	0		
10.3		100		0	90	0		
10.9		100		70	60	40	0	>13
12.6		100		85	40	30	10	HF
13.5		50		85	70	60	50	5
15.7		50		85	100	90	90	4
16.6		50		70	100	90	90	
17.2		50		70	95	90	80	7
17.8		50		70	100	95	75	9
19.4		50		70	95	95	40	10
20		0		85	40	40	30	HF

```

ATTRIBUTE : DRILL- ING DATES [WIDTH= 1.2]

```

```

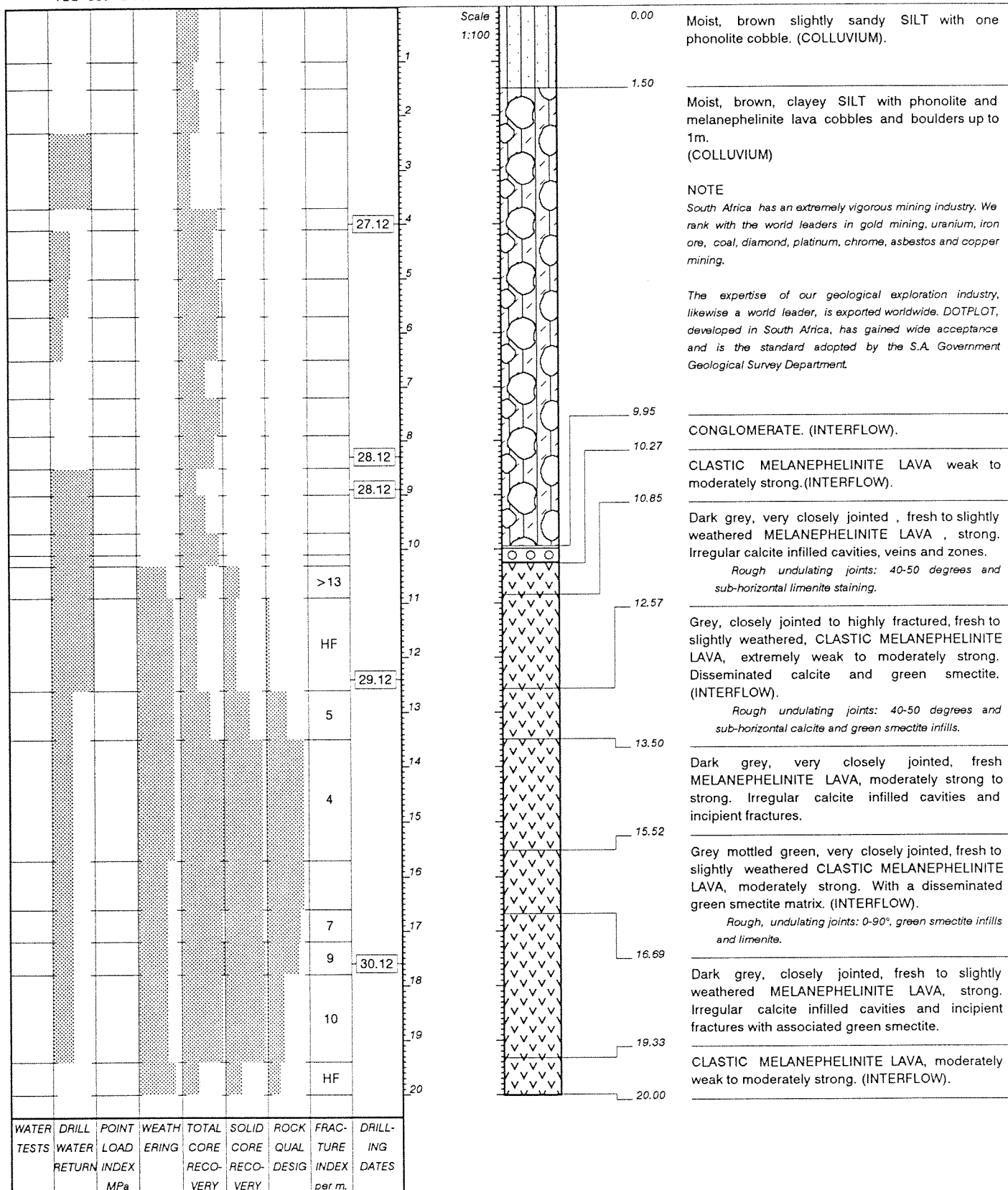
@4      : 27.12
@8.3    : 28.12
@8.9    : 28.12
@12.4   : 29.12
@17.6   : 30.12

```

```

//
///
FILE EX6.TXT

```



CONTRACTOR : JANEWSKI DRILLING

MACHINE : TANGENT TB6D

DRILLED BY :

PROFILED BY : NRY/PAC

TYPE SET BY : SECRETARY

SETUP FILE : EX6.SET

INCLINATION : 90°

DIAM : 120 mm

DATE : _____

DATE : COMPLETED 31-11-91

DATE : 01/05/92 14:41

TEXT: ex6.txt

ELEVATION : 688.78

X-COORD : 7514

Y-COORD : 59660

HOLE No: EX6

DE KAAP 2 RIB NORTH

EXERCISE 7

FEATURES

FEATURES OF EXERCISE 7

	Related Exercises	Refer Manual
SOIL PROFILE LOG example	1 7 . .	
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
HEADER AND FOOTER BLOCK SIZE	 7 . .	3-09
HEADER AND FOOTER MARGINS	 7 8 .	3-10
INCLINATION cosine correction	 7 8 .	4-07
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LOGOS changing position	 7 8 .	3-11
PAGE MARGINS & PAGE SIZE	 7 . .	3-09
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06

LAYOUT

JET-SETUP		EX7.SET
1	Scale Option	< Page length at 300 dots/inch (dots vertically)
2900	Page Size	
0	Apage LH margin	
0	Apage RH margin	
200	Ppage LH margin	< Note Left margin moved inwards
350	Ppage RH margin	< Note Right margin moved inwards
500	Header block	< Note Header block is bigger
500	Footer block	< Note Footer block is bigger
0	Borelog Options	
-260	Jobtitle offset	< Note Job title moved to left
-50	Footer Margin-1	< Note CONTRACTOR: moved to left
940	Footer Margin-2	< Note INCLINATION moved to right
4	Indent Module	
922	Logo ID or FILE	
730	Logo-X	< Note Logo moved to right
100	Logo-Y	
0	Compress option	
6	Lines per inch	

FONT SETTINGS

JET-SETUP		EX1.SET
1	Font Option	< To change primary fonts and download fonts to printer
1	Font-1	< FIRST primary font (DUTCH 10U upright 10 pt.)
2	Font-2	< SECOND primary font (DUTCH 10U italic 10 pt.)
3	Font-3	< for footer titles (LINEPRN 10U upright 8.5 pt)
4	Download	

TEXTFILE

EXERCISE 7

FEATURES OF EXERCISE 7

	Related Exercises	Refer Manual
SOIL PROFILE LOG example	1 7 . .	
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
HEADER AND FOOTER BLOCK SIZE	 7 . .	3-09
HEADER AND FOOTER MARGINS	 7 8 .	3-10
INCLINATION cosine correction	 7 8 .	4-07
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LOGOS changing position	 7 8 .	3-11
PAGE MARGINS & PAGE SIZE	 7 . .	3-09
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06

```

CLIENT      :      GOVERNMENT OF CHILE
JOB TITLE   :      CIVILIAN GOLDMINE - SHAFT 26\WONDERBOOMFONTEIN
JOB NO      :      888
DRILLED BY  :      TOILTECH
CONTRACTOR  :      BOUGHT HOT METALS
MACHINE     :      BLACK & DECKER
DATE DRILLED :      8-7-91 - 23-7-91
PROFILED BY :      B. ROBUST
TYPESET BY  :      BETH
INCLINATION :      45 deg
HOLE NO     :      EX7
XCOORD     :      +2635.40
YCOORD     :      +4657.50
COLLAR LEVEL :      2435.80
/

```

520.0 Overlying sedimentary rocks of the Glenkoolie system, mainly ~sandstone.

724.5 ~Dolomite.

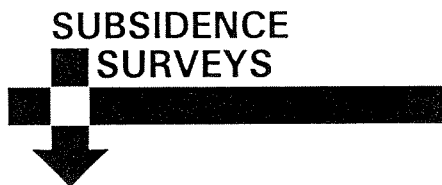
746,0 Hypabyssal intrusion containing minerals of particular interest.\ See detail log no EX8.

1200 Hole stopped in ~pyroxenite.

/

NOTES:
Refer to Detail Log EX8 for mineralised zone.

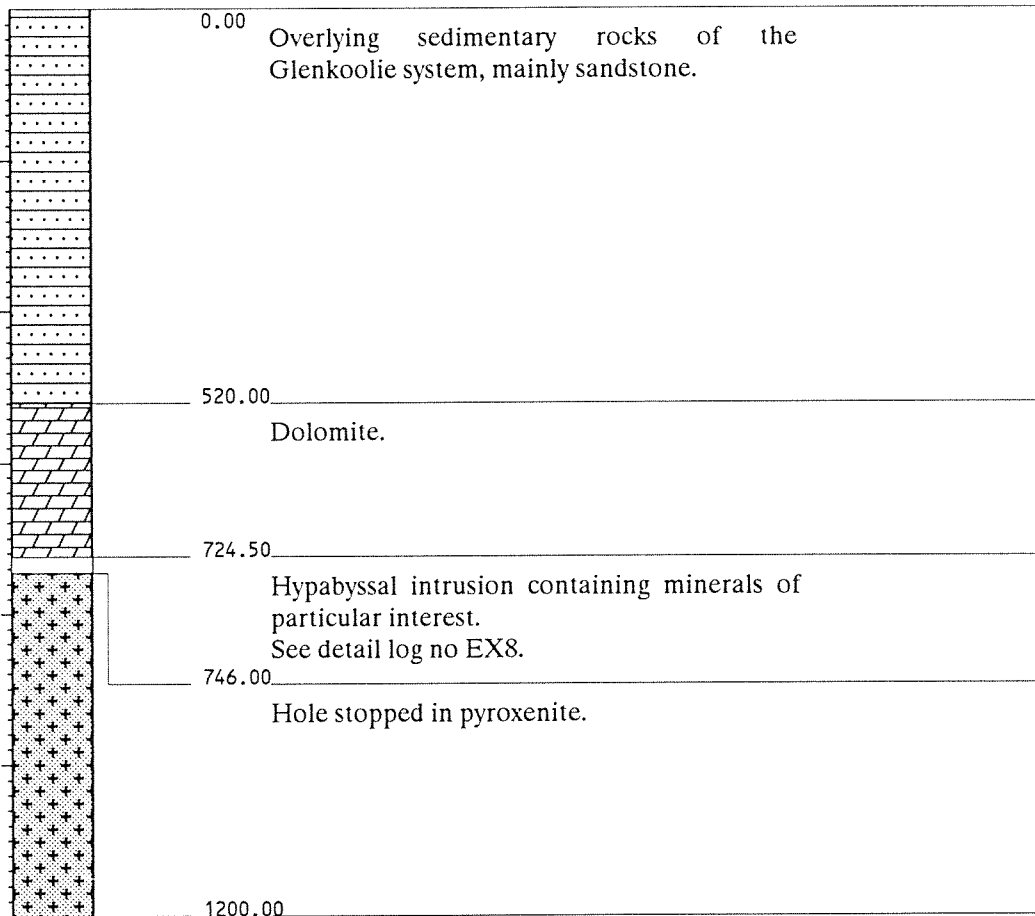
//
///
FILE EX7.TXT



HOLE No: EX7
Sheet 1 of 1

JOB NUMBER: 888

Scale
1:10000



NOTES:

- 1) Refer to Detail Log EX8 for mineralised
zone.

CONTRACTOR : BOUGHT HOT METALS

MACHINE : BLACK & DECKER

DRILLED BY : TOILTECH

PROFILED BY : B. ROBUST

TYPE SET BY : BETH

SETUP FILE : EX7.SET

INCLINATION : 45 deg

DIAM :

DATE : 8-7-91 - 23-7-91

DATE :

DATE : 01/05/92 14:40

TEXT : ex7.txt

ELEVATION : 2435.80

X-COORD : +2635.40

Y-COORD : +4657.50

HOLE No: EX7

EXERCISE 8

FEATURES

FEATURES OF EXERCISE 8

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
END OF HOLE SYMBOL Bottom of hole	1 8 .	6-07
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
HEADER AND FOOTER MARGINS	 7 8 .	3-10
INCLINATION cosine correction	 7 8 .	4-07
INDENTATION	 6 . 8 .	6-02
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LOGOS changing position	 7 8 .	3-11
OPTION to print layer depths in two places	 8 .	3-10
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
STARTING DEPTH below ground level	 8 .	4-03
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07

LAYOUT

JET-SETUP		EX8.SET
FONT	1 Scale Option	
PROM	3200 Page Size	
PROV	0 Apage LH margin	
CONV	0 Apage RH margin	
PATH	0 Ppage LH margin	
LAYO	400 Header block	< Program will adjust this to fit abbrev.table
COLO	300 Footer block	
SAVE	2 Borelog Options	< Layer depths will print to left of soil stave
SWIT	-260 Jobtitle offset	< Job title is moved to the left
	-50 Footer Margin-1	< CONTRACTOR: column moved to left
	890 Footer Margin-2	< INCLINATION column moved to right
	4 Indent Module	
	922 Logo ID or FILE	
	730 Logo-X	< Logo is moved to the right
	100 Logo-Y	
	0 Compress option	
	6 Lines per inch	

FONT SETTINGS

JET-SETUP		EX8.SET
FONT	< To change primary fonts and download fonts to printer	
PROM	FONT-1	< FIRST primary font (DUTCH 10U upright 10 pt.)
PROV	FONT-2	< SECOND primary font (DUTCH 10U italic 10 pt.)
CONV	FONT-3	< for footer titles (LINEPRN 10U upright 8.5 pt)
PATH	DOWNLOAD	
LAYO		
COLO		
SAVE		
SWIT		

TEXT FILE

EXERCISE 8

FEATURES OF EXERCISE 8

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
END OF HOLE SYMBOL Bottom of hole	1 8 .	6-07
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
HEADER AND FOOTER MARGINS	 7 8 .	3-10
INCLINATION cosine correction	 7 8 .	4-07
INDENTATION	 6 . 8 .	6-02
LINE BREAK IN HEADERS AND DESCRIPTION	1 2 . 4 5 6 7 8 .	6-02
LOGOS changing position	 7 8 .	3-11
OPTION to print layer depths in two places	 8 .	3-10
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
STARTING DEPTH below ground level	 8 .	4-03
TABLE OF ABBREVIATIONS	. . . 4 5 . . 8 .	4-07

```

CLIENT      : GOVERNMENT OF CHILE
JOB TITLE   : CIVILIAN GOLDMINE - SHAFT 26\WONDERBOOMFONTEIN
JOB NO      : 888
DRILLED BY  : TOILTECH
CONTRACTOR  : BOUGHT HOT METAL Industries
MACHINE     : BLACK & DECKER
DATE DRILLED : 8-7-91 - 23-7-91
PROFILED BY : B. ROBUST
TYPESET BY  : BETH
PPLHM       : -100
STARTING DEPTH : 724.5
INCLINATION  : 45 deg

HOLE NO     : EX8
XCOORD      : +2635.40
YCOORD      : +4657.50
COLLAR LEVEL : 2435.80

```

/

- 727.4 Grey speckled light grey, unweathered, very widely jointed, extremely hard rock~norite.\
- \$NOTES:\
- (Zone characterised by closed serpentinised joints spaced approximately 100mm. Joints are rough undulating. Joints do not part readily on striking. Roughly NS strike 80 deg W dip 70 deg/245 (80/242) 75/250. Rough undulating serpentinised joint at 726,42m open on repeated gentle blows with hammer.)
- 732.5 Dark Grey speckled grey, unweathered, very widely jointed, extremely hard rock~gabbro.\
- \$NOTES:\
- (Horizon appears massive with no closed joints evident except at 29,8m (calcitic) and 731,8m (serpentinised) does not part readily.)
- 738.2 Grey speckled light grey, unweathered, very widely jointed, extremely hard rock~norite.\
- \$NOTES:\
- (Zone characterised by joint 40/070 and 45 deg/075 50/065) spacing variable. Joints noted at 732,9m (closed), 733 (open) 733,3m (closed), 734,18m (closed), 736,35m (open). Where open are rough undulating and serpentinised.)\
 - (From 734,0m to 734,25m closed calcitic approximately N-S strike 70 deg E dip. Similarly from 733,0m to 733,3m.)\
 - (At 732,72m 4 x 25/350 joints spaced 1-5mm, rough undulating serpentinite and slickensided.)\
 - (Below 734m NS striking joints 80 deg W dip present spaced 50mm in zones 7300mm to 800mm.)\
 - (At 737,26m to 737,52m 74/230 rough undulating to very rough undulating calcitic and 737,88m to 738,16m.)
- 746.0 Grey speckled dark grey, unweathered, very widely jointed, extremely

hard rock~diorite.\

\$NOTES:\

1. {Rockmass appears massive. No fine closed joints evident except at 738,5m (open 85/340 rough undulating dip), 744 - 744,2m open 85/245 very rough undulating with calcite and serpentinite and from 745,4m to 746m closed serpentinite joints spaced 20mm to 50mm. Open under moderate tapping where open rough undulating serpentinite dip/dir = 64/345.}

746+ Hole continues on unweathered ~pyroxenite.

/

ATTRIBUTE: % CORE RECOVERY

724,74	:	100
726,22	:	100
727,7	:	100
729,19	:	100
730,74	:	100
732,25	:	100
733,76	:	100
735,26	:	100
736,73	:	100
737,98	:	100
738,63	:	100
740,24	:	100
741,81	:	100
743,34	:	100
744,84	:	100

ATTRIBUTE: %RQD

724,74	:	100
726,22	:	100
727,7	:	100
729,19	:	100
730,74	:	100
732,25	:	100
733,76	:	98
735,26	:	100
736,73	:	100
737,98	:	86
738,63	:	100
740,24	:	100
741,81	:	100
743,34	:	100
744,84	:	87

ATTRIBUTE: JOINT SPACING

727,4	:	VWJ
732,5	:	VWJ
738,2	:	VWJ
746,0	:	VWJ

ATTRIBUTE: JOINT INCLIN deg

727,4	:	75
732,5	:	
738,2	:	45 70 25
746,0	:	85

ATTRIBUTE: JOINT ROUGH -NESS

727,4	:	RU
732,5	:	
738,2	:	RU RU RU
746,0	:	RU

ATTRIBUTE: JOINT INFILL [WIDTH 1.5]

727,4	:	SERP
732,5	:	
738,2	:	SERP CALC SERP^SLICK
746,0	:	SERP CALC

ATTRIBUTE: ROCK HARD -NESS

727,4	:	EHR
732,5	:	EHR

738,2 : EHR
746,0 : EHR

ATTRIBUTE: ROCK WEATH -ERING

727,4 : UNW
732,5 : UNW
738,2 : UNW
746,0 : UNW

//

///

FILE EX8.TXT

SUBSIDENCE SURVEYS

HOLE No: EX8
Sheet 1 of 1

JOB NUMBER: 888

Scale
1:150

724.50 Grey speckled light grey, unweathered, very widely jointed, extremely hard rock norite.

NOTES:

1. Zone characterised by closed serpentinised joints spaced approximately 100mm. Joints are rough undulating. Joints do not part readily on striking. Roughly NS strike 80 deg W dip 70 deg/245 (80/242) 75/250. Rough undulating serpentinised joint at 726,42m open on repeated gentle blows with hammer.

727.40

727.40

Dark Grey speckled grey, unweathered, very widely jointed, extremely hard rock gabbro.

NOTES:

1. Horizon appears massive with no closed joints evident except at 29,8m (calcitic) and 731,8m (serpentinised) does not part readily.

732.50

732.50

Grey speckled light grey, unweathered, very widely jointed, extremely hard rock norite.

NOTES:

1. Zone characterised by joint 40/070 and 45 deg/075 50/065) spacing variable. Joints noted at 732,9m (closed), 733 (open) 733,3m (closed), 734,18m (closed), 736,35m (open). Where open are rough undulating and serpentinised.
2. From 734,0m to 734,25m closed calcitic approximately N-S strike 70 deg E dip. Similarly from 733,0m to 733,3m.
3. At 732,72m 4 x 25/350 joints spaced 1-5mm, rough undulating serpentinite and slickensided.
4. Below 734m NS striking joints 80 deg W dip present spaced 50mm in zones 7300mm to 800mm.
5. At 737,26m to 737,52m 74/230 rough undulating to very rough undulating calcitic and 737,88m to 738,16m.

738.20

738.20

Grey speckled dark grey, unweathered, very widely jointed, extremely hard rock diorite.

NOTES:

1. Rockmass appears massive. No fine closed joints evident except at 738,5m (open 85/340 rough undulating dip), 744 - 744,2m open 85/245 very rough undulating with calcite and serpentinite and from 745,4m to 746m closed serpentinite joints spaced 20mm to 50mm. Open under moderate tapping where open rough undulating serpentinite dip/dir = 64/345.

746.00

746.00

Hole continues on unweathered pyroxenite.

CONTRACTOR : BOUGHT HOT METAL Industries
MACHINE : BLACK & DECKER
DRILLED BY : TOILTECH
PROFILED BY : B. ROBUST

TYPE SET BY : BETH
SETUP FILE : EX8.SET

INCLINATION : 45 deg
DIAM :
DATE : 8-7-91 - 23-7-91
DATE :
DATE : 01/05/92 14:39
TEXT : ex8.txt

ELEVATION : 2435.80
X-COORD : +2635.40
Y-COORD : +4657.50

HOLE No: EX8

Sheet 1 of 1

JOB NUMBER: 888

GRAIN SIZE
FG -fine grained
MG -medium grain
CG -coarse grain

JOINT SPACING
VCJ-very close spacg
CJ -close spacing
MJ -medium spacing
WJ -wide spacing
VWJ-very wide spacng

JOINT SHAPE
CUR-curvilinear
PLA-planar
UND-undulating
STE-stepped
IRR-irregular

ROCK HARDNESS
EHR-extremely hard rock
VHR-very hard rock
HR -hard rock
MHR-medium hard rock
SR -soft rock
VSR-very soft rock

[illegible]

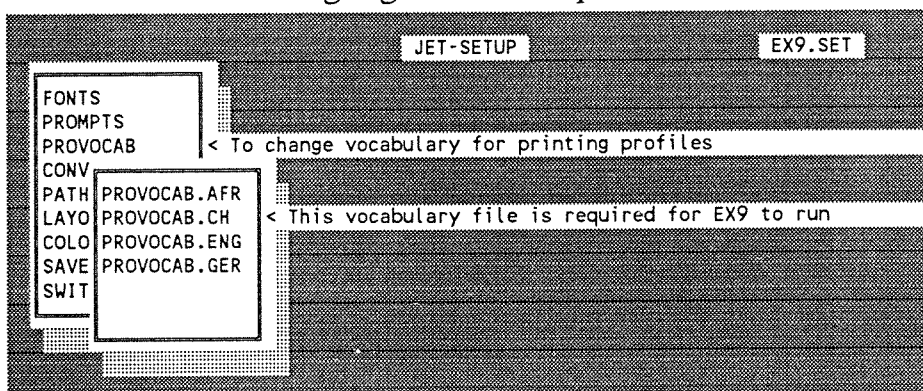
EXERCISE 9

FEATURES

FEATURES OF EXERCISE 9

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FANCY FONTS	 9	6-02
LANGUAGE SWITCH	 9	3-15
LIBRARY SWITCH of soil symbols	 9	5-08
LINES PER INCH	 6 . . 9	3-11
ROCKHEAD & WEATHERING SYMBOLS	. . 3 9	5-03
SCALE CHANGE from text file header	 9	6-10
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

SETUP The language switch requires a new vocabulary as follows:



The new vocabulary file points to the new soil symbol library (Refer to the Manual, paragraph 5.6 on page 5-08).

FILE PROVOCAB.CH

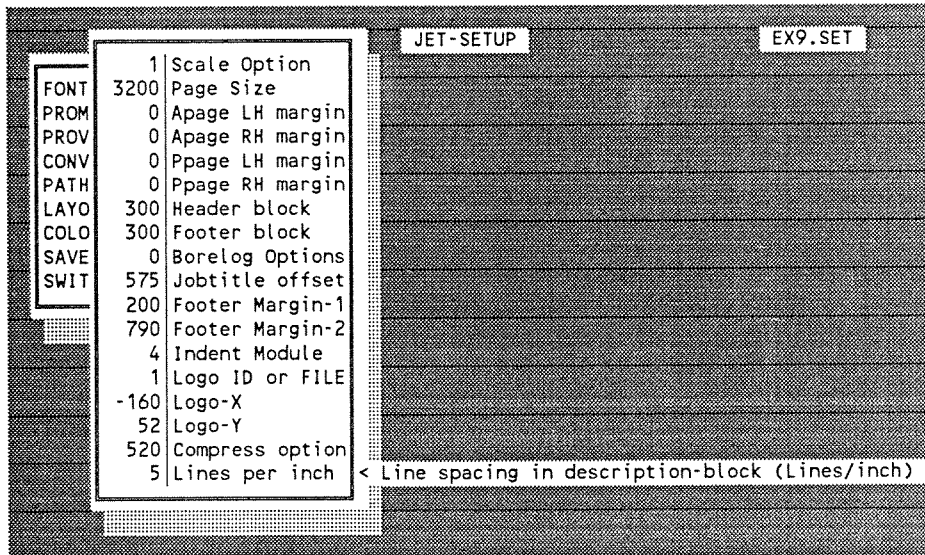
```

..
/ROCKHEAD/SYMB6/[CH48].
/WEATHERING HORIZON/SYMB7/[CH49].
/WATER SEEPAGE/WATER STRIKE/SYMB8/[CH50].
END
PROLIB.CH

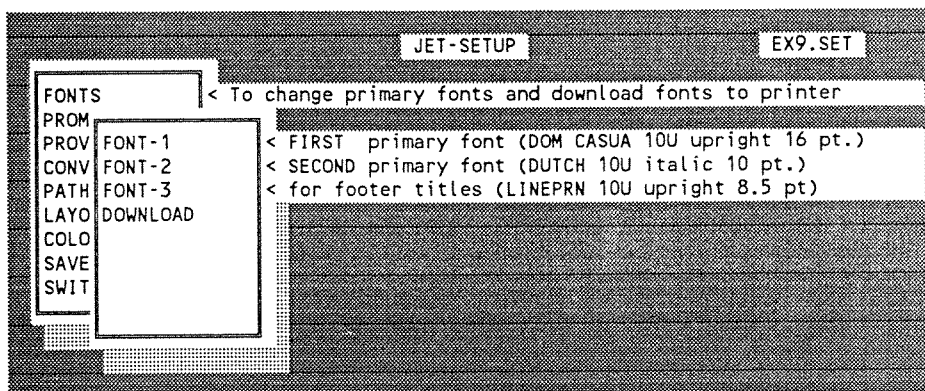
```

These files are not part of the normal issue for **dot ● PLOT** but are available on request to selected customers. The example is included for illustration of the scope of possibilities.

- LAYOUT The layout is fairly standard:



- FONT SETTINGS



The Dom Casual font is a **scalable soft font**. It requires a printer that supports scalable fonts and is not part of the normal issue.

The vocabulary file PROVOCAB.CH carries the words which will be used in the titles of the illustration (Refer to paragraph 5.5 on page 5-06 of the Manual).

TEXT FILE

EXERCISE 9

FEATURES OF EXERCISE 9

	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
FANCY FONTS	 9	6-02
LANGUAGE SWITCH	 9	3-15
LIBRARY SWITCH of soil symbols	 9	5-08
LINES PER INCH	 6 . . 9	3-11
ROCKHEAD & WEATHERING SYMBOLS	. . 3 9	5-03
SCALE CHANGE from text file header	 9	6-10
SELECTION OF SYMBOLS	1 2 3 4 5 6 7 8 9	6-06
WATER TABLE SYMBOLS	1 . 3 . 5 . . . 9	4-04
WHITE SPACE in superimposed symbols	1 . 3 4 5 6 . . 9	1-02

Note that this exercise requires the following files to be present -

- PROLIB.CH the soil symbol library for Switzerland.
- PROVOCAB.CH corresponding vocabulary in Swiss German.
- DOMCASUAL scalable soft font file (requires a HP-LaserJet IIIP).
- CONVOCAB.* Swiss German synonyms for the notes must be present.

These are not standard issue. The printout is included in this tutor just to demonstrate the possibilities that exist.

Note that this profile would normally plot to a scale of 1 in 20 if the the SCALE specification in the header is omitted.

PROJEKT : BAGGERSCHACHT
 PROJEKT NR : CA.449
 DATE : 900701
 PROFILED BY : Dr. R. Phillip
 COMPRESS : 450
 PPLHM : 450
 GrounDLeVEL : 976.34

BOhrLOCH NR : EX9
 SCALE : 25

/

0.05 Teer.

1.10 ~sandiger Kies, gut sortiert, Durchm. < 15cm, hart gelagert, grauer Verwitterungs-Horizont. [WENIG KIES] [FUELLUNG]

1.60 ~do, Durchm. < 20cm, grauer Verwitterungs-Horizont.

1.95 ~do, Durchm. < 10cm, vermehrt sandig. [SAND]

2.15 dunkelbrauner, ~humoser~Siltsand mit organischen Resten (Torf)

2.40 ~toniger~Silt bis siltiger Ton mit organischen Resten, ocker-grau. [HUMUS]

3.1 grauer, sandiger Kies, gerundet, Durchm. < 15cm. [WENIG KIES] [SAND]

4.2 do, weniger~sandig, mit ~Schneckenschalen, bricht aus, feucht. [WENIG KIES]

/

NOTES:

- 1 Grundwasserspiegel 3.2m.
- 2 Felsobergrenze 4.2m.

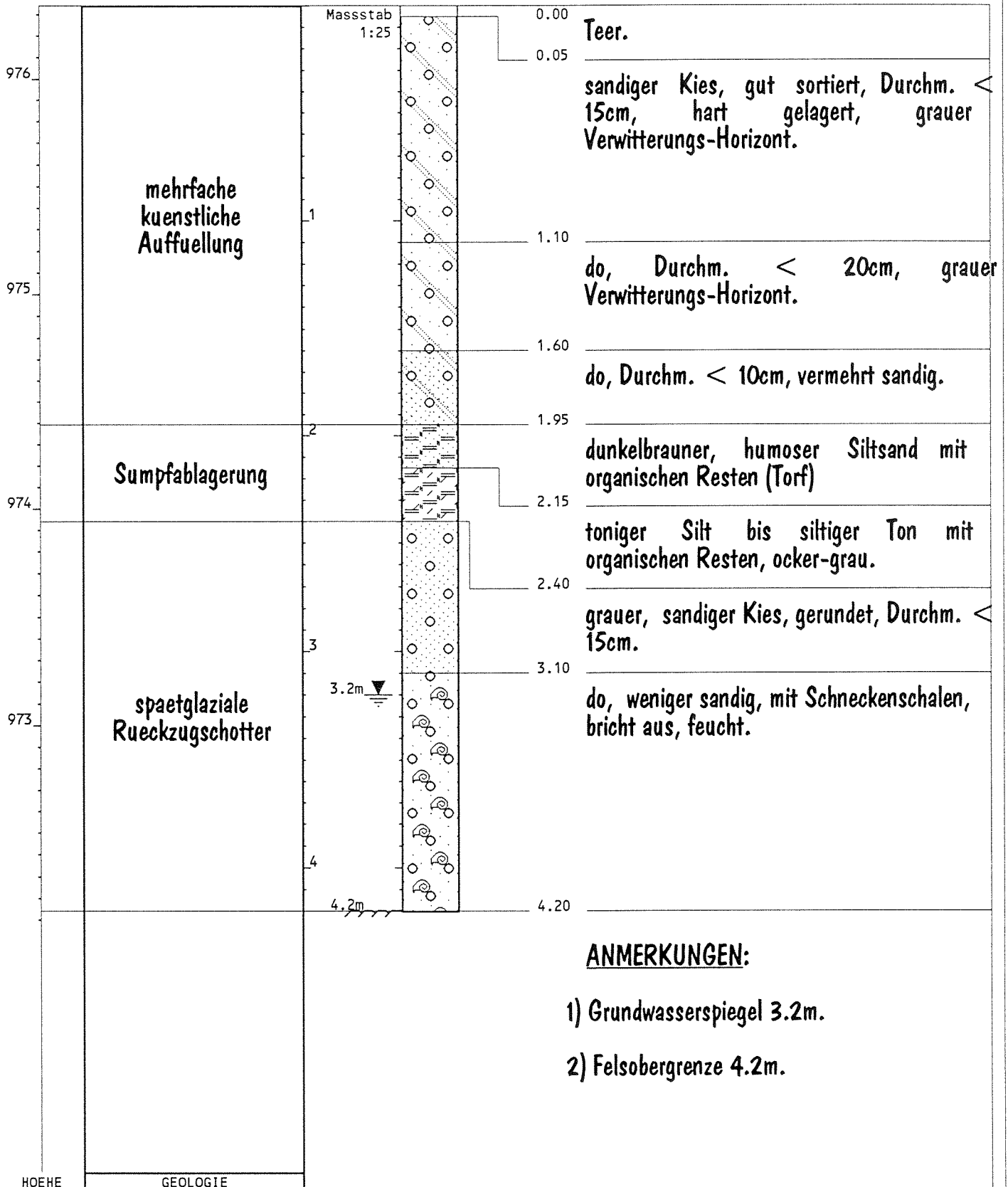
ATTRIBUTE : GEOLOGIE

- 1.95 : mehrfache kuenstliche Auffuellung
- 2.4 : Sumpfablagerung
- 4.2 : spaetglaziale Rueckzugschotter

//

///

FILE EX9.TXT



UNTERNEHMER :
BOHRGERAET :
DURCH : **Dr. R. Phillip**
AUFGENOMMEN :
TYPE SET BY :
SETUP FILE : EX9.SET

ORIENTATION :
DURCHMESSER :
DATUM : **900701**
DATUM :
DATUM : 01/05/92 14:37
TEXT : ex9.txt

GELAENDEHOEHE : **976.34**

X-COORD :
Y-COORD :

BOHRLOCH No : **EX9**

INSTALLING AND RUNNING

● INSTALLING TUTOR into dot ● PLOT

Insert the **dot ● PLOT TUTOR** disc into the floppy drive. From the DOS prompt change to that drive and then type:

INSTALL ◀Enter▶

This process will create two new directories C:\DOTPLOT\EXERCISE and C:\DOTPLOT\EXERCISE\FONTS and install all the files required.

The dot.PLOT logo **macro** (DOTPLOT.MAC id number=1), together with a copy of the logo as a **raster graphic** file (LOG01), and the batch file (EXERCISE.BAT) will be placed on the C:\DOTPLOT directory.

After installation you will be invited to run an exercise.

● TO RUN AN EXERCISE

From the C:\DOTPLOT directory type:

EXERCISE n ◀Enter▶

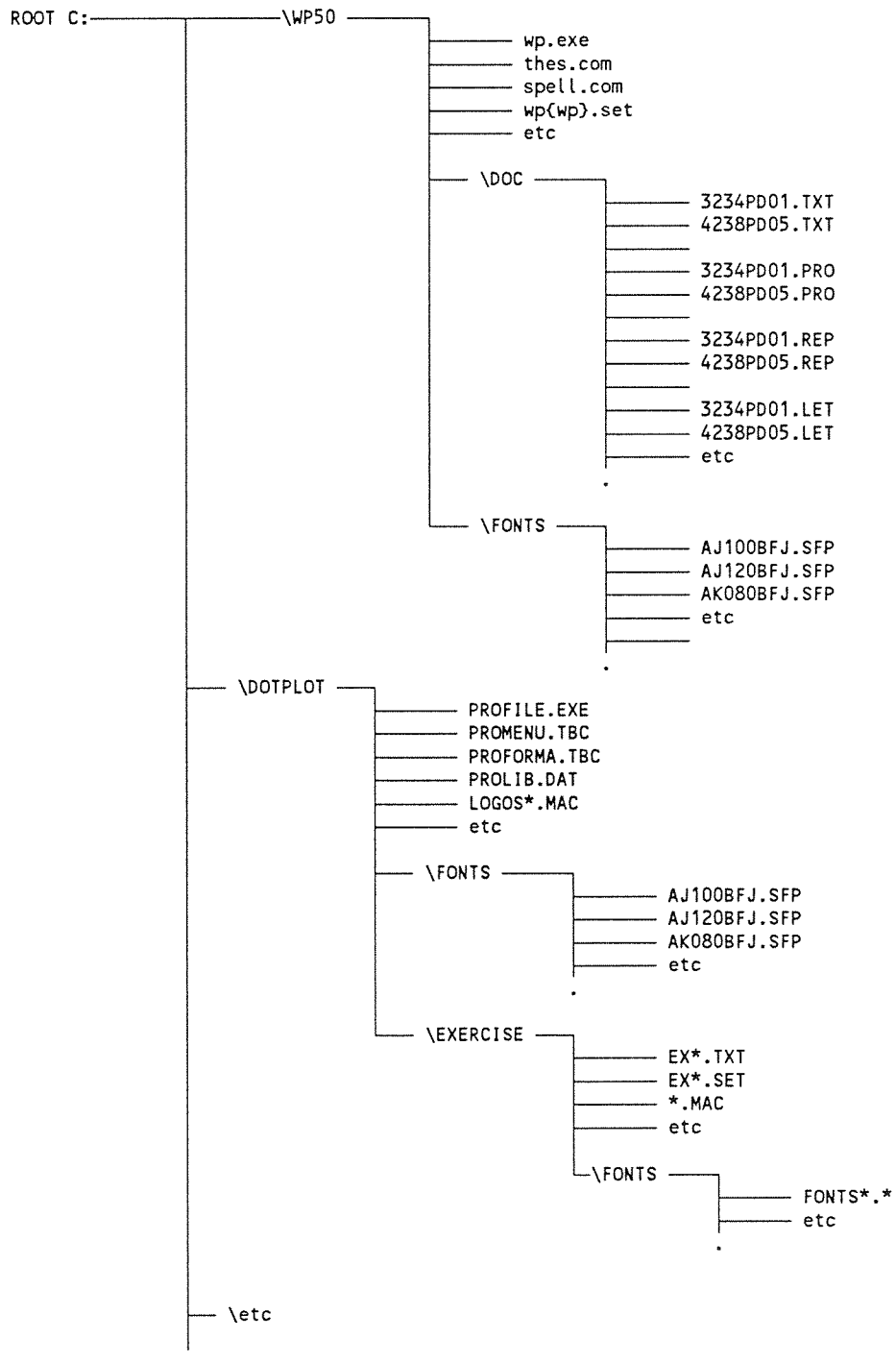
where n is the number of the exercise you want to run. From here on the normal program takes over. When the main menu appears, press **◀F1▶** to print profiles and, when prompted, enter the name of the text file as follows:

EXn.TXT ◀Enter▶

Select the file for printing and when done, back out to DOS and repeat the process for any other exercise. You may experiment and alter text and setup files as you wish. Note that the special fonts and vocabularies for exercise 9 are not part of the normal issue.

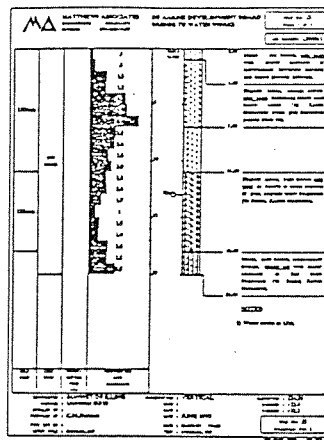
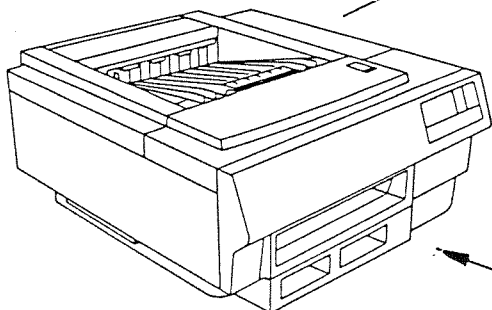
DIRECTORY FOR dot ● PLOT

● DIAGRAM OF A SUITABLE DIRECTORY STRUCTURE

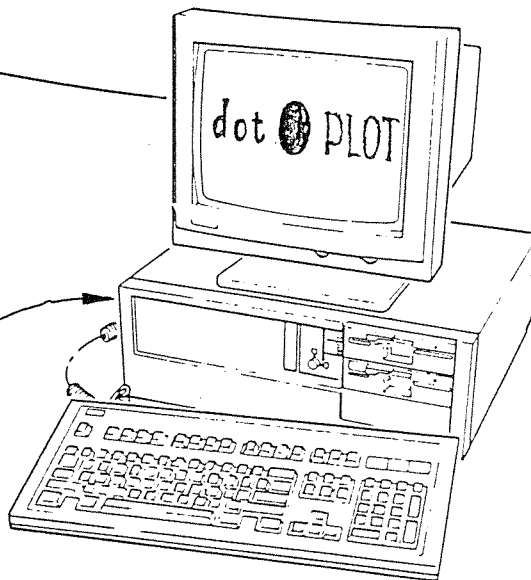


DIMWIT's GUIDE

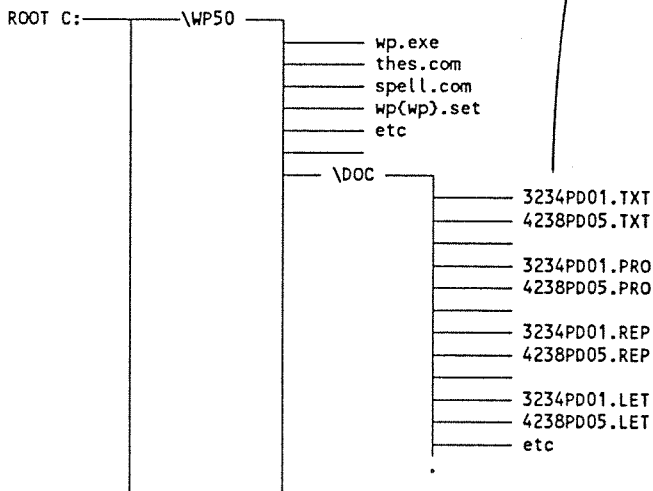
5 FINAL PRODUCT DIRECT FROM LASERJET PRINTER.



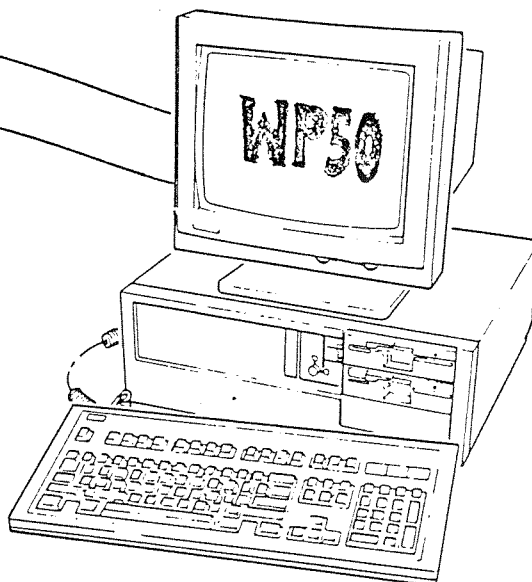
4 dot.PLOT OUTPUT GOES TO LASERJET (OPTIONALLY IT MAY BE STORED ON A DISC FILE FOR LATER COPY)



3 THE TEXT FILE IS USED AS INPUT TO dot.PLOT



2 MAKE A TEXT COPY USING "TEXT IN/OUT" UTILITY. SUGGEST YOU USE SAME FILENAME AND .TXT EXTENSION.



1 USE A WORD PROCESSOR TO WRITE THE BOREHOLE DESCRIPTION. SAVE THE WP FILE WITH YOUR NORMAL WP DOCUMENTS. SUGGEST EXTENSION .PRO



EXERCISES AND FEATURES

FEATURES OF dot.PLOT	Related Exercises	Refer Manual
BOREHOLE LOG example	. . . 4 5 6 . 8 9	
PERCUSSION LOG example	. 2 3	
SOIL PROFILE LOG example	1 7 . .	
ATTRIBUTES Columnar input	. 2 3 4 5 6 . 8 9	4-05
ATTRIBUTES Tabular input	. . . 4 5 6 . . .	4-05
COLUMN WIDTHS	. . 3 4 5 6 . . .	4-07
COMPRESS output on one page	. 2 3 . . 6 . . 9	3-11
DIFFERENT LOGOS	. 2 . 4 5 6 7 8 9	5-11
END OF HOLE SYMBOL Bottom of hole	1 8 .	6-07
FANCY FONTS	 9	6-02
FONT SWITCH	. . . 4 5 6 . 8 .	6-02
GRAPH	. 2 3 4 5 6 . . .	4-06
HATCHED GRAPH	. . . 4 5	4-06
HEADER AND FOOTER BLOCK SIZE	 7 . .	3-09
HEADER AND FOOTER MARGINS	 7 8 .	3-10
INCLINATION cosine correction	 7 8 .	4-07
INDENTATION	 6 . 8 .	6-02
INVERSE GRAPH	. . . 4 5	4-06
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