
APPENDIX B ... DATA BASE STRUCTURE

DATA BASE STRUCTURE FILES

These are internal files, contained within the data base template, GWW.000.



NOTE. The version of GWW.000 that you have received may differ from the tables below.

You may retrieve the files by following the steps:

1. Select Tools.
2. Select Data Structure Design.
3. Select File.
4. Select Old.
5. Select any name or application from the list.
6. Close the dialogue box by clicking on OK.
7. Select Write Structure to STD ASCII
8. Type an ASCII filename under which this file will be saved.

MASTER DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			
Description	50	Char			
District	20	Char			
Locality	20	Char			
Owner	20	Char			
X	10	Num(Dim)	Fixed	2	m
Y	10	Num(Dim)	Fixed	2	m
Z	10	Num(Dim)	Fixed	2	m
ZM	10	Num(Dim)	Fixed	2	m
Map Sheet No.	10	Char			
Year	10	Char			

CHEMICAL DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			
Ca	10	Num(Und)	Fixed	2	
Mg	10	Num(Und)	Fixed	2	
Na	10	Num(Und)	Fixed	2	
K	10	Num(Und)	Fixed	2	
Fe	10	Num(Und)	Fixed	2	
Mn	10	Num(Und)	Fixed	2	
HCO3	10	Num(Und)	Fixed	2	
CO3	10	Num(Und)	Fixed	2	
SO4	10	Num(Und)	Fixed	2	
Cl	10	Num(Und)	Fixed	2	
NO3	10	Num(Und)	Fixed	2	
NO2	10	Num(Und)	Fixed	2	
PO4	10	Num(Und)	Fixed	2	
F	10	Num(Und)	Fixed	2	
B	10	Num(Und)	Fixed	2	
SiO2	10	Num(Und)	Fixed	2	
TDS	10	Num(Und)	Fixed	2	
Hardness	10	Num(Und)	Fixed	2	
Alkalinity	10	Num(Und)	Fixed	2	
Conductivity	10	Num(Und)	Fixed	2	
pH	10	Num(Und)	Fixed	2	
Cations	8	Num(Und)	Fixed	2	
Anions	8	Num(Und)	Fixed	2	
SAR	8	Num(Und)	Fixed	4	
BalErr	8	Num(Und)	Fixed	2	

**CHEMICAL DATA STRUCTURE
FOR PARTS PER MILLION ENTRIES**

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Cappm	10	Num(Und)	Fixed	2	
Mgppm	10	Num(Und)	Fixed	2	
Nappm	10	Num(Und)	Fixed	2	
Kppm	10	Num(Und)	Fixed	2	
Feppm	10	Num(Und)	Fixed	2	
Mnppm	10	Num(Und)	Fixed	2	
HCO3ppm	10	Num(Und)	Fixed	2	
CO3ppm	10	Num(Und)	Fixed	2	
SO4ppm	10	Num(Und)	Fixed	2	
Clppm	10	Num(Und)	Fixed	2	
NO3ppm	10	Num(Und)	Fixed	2	
PO4ppm	10	Num(Und)	Fixed	2	
Bppm	10	Num(Und)	Fixed	2	
SiO2ppm	10	Num(Und)	Fixed	2	

PUMPING TEST DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			
TestDate	10	Date	dd.mm.y y		
Distance	10	Num(Dim)	Fixed 2	m	
AvgPRate	15	Num(Dim)	Float 7	m ³ /day	
Duration	15	Num(Dim)	Float 7	min	
InSatTh	15	Num(Dim)	Fixed 2	m	
Transmissivity	15	Num(Dim)	Float 7	m ² /day	
Storage	15	Num(Und)	Float 7		
Leakance	15	Num(Dim)	Float 7	1/day	
ConfAqThick- ness	10	Num(Dim)	Fixed 2	m	
b	10	Num(Dim)	Fixed 2	m	
l	10	Num(Dim)	Fixed 2	m	
d	10	Num(Dim)	Fixed 2	m	
l1	10	Num(Dim)	Fixed 2	m	
d1	10	Num(Dim)	Fixed 2	m	
StandardError	10	Num(Dim)	Fixed 2	m	
Method	25	Char			

PUMPING TEST ADDITIONAL DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Time	10	Char			
Drawdown	10	Char			
PRate	10	Char			
Selection	10	Char			
EstValues	10	Char			
Difference	10	Char			

HYDROGRAPHS DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			
Aquifer	30	Char			

HYDROGRAPHS ADDITIONAL DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Date	10	Date	mm/dd/yy		
Time	10	Time	hh:mm:ss		
Depth	10	Num(Dim)	Fixed	2	m
Level	10	Num(Dim)	Fixed	2	m

WELL LOG AND LITHOLOGY DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			
Drill. Dates	25	Char			
SWL	10	Num(Dim)	Fixed	2	m
DWL	10	Num(Dim)	Fixed	2	m
Drill. Method	30	Char			
ConcrBlockDx	10	Num(Dim)	Fixed	2	m
ConcrBlockDy	10	Num(Dim)	Fixed	2	m
ConcrBlockH	10	Num(Dim)	Fixed	2	m
Above GS	10	Num(Dim)	Fixed	2	m
Vert.Scale	10	Num(Und)	Fixed	1	
Hor.Scale	10	Num(Und)	Fixed	1	

STEP DRAWDOWN TEST DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			
A	12	Num(Und)	Float	4	
B	12	Num(Und)	Float	4	
p	10	Num(Und)	Fixed	2	
Efficiency	10	Num(Und)	Fixed	2	

GRAIN SIZE CURVE DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	10	Well			

ABSTRACTION MODULE DATA STRUCTURE

DATA ENTRY	No. of Characters	Data Type	Format	No. of Decimal Digits	Unit
Well Ident	8	Well			
Aquifer	25	Char			
Home-pr(A)	10	Num(Dim)	Fixed	1	m3
Home-pr(PR)	10	Num(Dim)	Fixed	1	m3/day
Home-gov(A)	10	Num(Dim)	Fixed	1	m3
Home-gov(PR)	10	Num(Dim)	Fixed	1	m3/day
Agri-pr(A)	10	Num(Dim)	Fixed	1	m3
Agri-pr(PR)	10	Num(Dim)	Fixed	1	m3/day
Agri-gov(A)	10	Num(Dim)	Fixed	1	m3
Agri-gov(PR)	10	Num(Dim)	Fixed	1	m3/day
WaterUse	5	Char			
Home-pr(GA)	10	Num(Dim)	Fixed	1	MCM
Home-pr(GPR)	10	Num(Dim)	Fixed	1	m3/day
Home-gov(GA)	10	Num(Dim)	Fixed	1	MCM
Home-gov(GPR)	10	Num(Dim)	Fixed	1	m3/day
Agri-pr(GA)	10	Num(Dim)	Fixed	1	MCM
Agri-pr(GPR)	10	Num(Dim)	Fixed	1	m3/day
Agri-gov(GA)	10	Num(Dim)	Fixed	1	MCM
Agri-gov(GPR)	10	Num(Dim)	Fixed	1	m3/day
Total(A)	10	Num(Dim)	Fixed	3	MCM
Total(PR)	10	Num(Dim)	Fixed	0	m3/day
Total(GA)	10	Num(Dim)	Fixed	1	MCM
Total(GPR)	10	Num(Dim)	Fixed	0	m3/day
Ind-pr(A)	10	Num(Dim)	Fixed	1	m3
Ind-pr(PR)	10	Num(Dim)	Fixed	1	m3/day
Ind-pr(GA)	10	Num(Dim)	Fixed	1	m3
Ind-pr(GPR)	10	Num(Dim)	Fixed	1	m3/day
Y1994	1	Char			
Y1995	1	Char			
Y1996	1	Char			

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