

AGS Format Monitoring Data Example

05 - Strain gauge



Project: Acme Gasworks
 Location: 539275, 179628
 Level of strain gauge: 2mOD
 Level of reference point: 5.5mOD
 Instrument: SG5

Date	Time	Strain (%)	Comments
03/05/1999	11:45	0	Base reading
04/05/1999	12:00	0	
05/05/1999	11:45	0.0002	Excavation to -3.4m
06/05/1999	11:30	0.0005	
07/05/1999	11:00	0.0008	
08/05/1999	12:45	0.0015	
09/05/1999	11:45	0.0067	Excavation to -5m
10/05/1999	11:45	0.0071	
11/05/1999	12:00	0.0074	
12/05/1999	11:45	0.0074	
13/05/1999	11:30	0.0076	
14/05/1999	11:00	0.0215	Excavation to -6.9m
15/05/1999	12:45	0.0289	
16/05/1999	12:00	0.0295	
17/05/1999	11:45	0.0298	
18/05/1999	12:00	0.0299	
19/05/1999	11:45	0.0306	
20/05/1999	11:30	0.0824	Excavation to -8m
21/05/1999	11:00	0.0852	
22/05/1999	12:45	0.0867	
23/05/1999	12:00	0.0872	
24/05/1999	11:45	0.0873	

AGS Format File (Edition 3.1)

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***PROJ"
"*PROJ_ID","*PROJ_NAME","*PROJ_LOC","*PROJ_CLNT","*PROJ_CONT","*PROJ_ENG","*PROJ_DATE","*PROJ_AGS"
"<UNITS>","","","","","","dd/mm/yyyy",""
"Prj-AG","Acme Gasworks","Greenwich, London","Acme Enterprises","Acme Monitoring Ltd","Acme Consulting","17/10/2011","3.1"

***UNIT"
"*UNIT_UNIT","*UNIT_DESC"
"dd/mm/yyyy","day month year"
"hhmmss","hours minutes seconds"
"m","metre"
"deg","Degrees"
"%","Strain"

***ABBR"
"*ABBR_HDNG","*ABBR_CODE","*ABBR_DESC"
"HOLE_TYPE","INST","Instrument"
"MONP_TYPE","SG","Strain gauge"

***DICT"
"*DICT_TYPE","*DICT_GRP","*DICT_HDNG","*DICT_STAT","*DICT_DESC","*DICT_UNIT","*DICT_EXMP","*?DICT_PGRP"
"HEADING","DICT","DICT_PGRP","COMMON","Parent group name","","HOLE",""
"GROUP","MONP","","","Monitoring Point","","","HOLE"
"HEADING","MONP","HOLE_ID","KEY","Exploratory Hole Number","","6422/A",""
"HEADING","MONP","MONP_DIS","KEY","Distance of monitoring point from Reference Point","m","2.30",""
"HEADING","MONP","MONP_ID","KEY","Monitoring Point ID (optional)","","ZT102",""
"HEADING","MONP","MONP_DATE","COMMON","Installation Date","dd/mm/yyyy","01/02/2003",""
"HEADING","MONP","MONP_TYPE","COMMON","Installation Type","","TS",""
"HEADING","MONP","MONP_BRGA","COMMON","Bearing of monitoring axis A (compass bearing)","deg","090",""
"HEADING","MONP","MONP_INCA","COMMON","Inclination of instrument axis A (measured positively down from horizontal)","deg",""
"HEADING","MONP","MONP_RSCA","COMMON","Reading sign convention in direction A","","Displacment to East +ve",""
"GROUP","MONR","","","Monitoring Point Reading","","","MONP"
"HEADING","MONR","HOLE_ID","KEY","Exploratory Hole Number","","6422/A",""
"HEADING","MONR","MONP_DIS","KEY","Distance of monitoring point from Reference Point","m","2.30",""
"HEADING","MONR","MONR_ID","KEY","Monitoring Point ID (optional)","","ZT102",""
"HEADING","MONR","MONR_DATE","KEY","Date of reading","dd/mm/yyyy","20/02/2003",""
"HEADING","MONR","MONR_TIME","KEY","Time of reading","hhmmss","134000",""
"HEADING","MONR","MONR_STRA","COMMON","Strain in direction A","%","-1.87",""
"HEADING","MONR","MONR_REM","COMMON","Details of instrument reference, probe logger, serial numbers","",""
"GROUP","TREM","","","Time Related Remarks","","","HOLE"
"HEADING","TREM","HOLE_ID","KEY","Exploratory Hole Number","","G12",""
"HEADING","TREM","TREM_DATE","KEY","Date of remark","dd/mm/yyyy","16/05/2001",""
"HEADING","TREM","TREM_TIME","KEY","Time of remark","hhmmss","120000",""
"HEADING","TREM","TREM_REM","COMMON","Time related remark","","Completion of concrete pour for slab G12",""

***HOLE"
"*HOLE_ID","*HOLE_TYPE","*HOLE_NATE","*HOLE_NATN","*HOLE_GL","*HOLE_FDEP","*HOLE_ORNT","*HOLE_INCL"
"<UNITS>","m","m","m","m","deg","deg"
"SG5","INST","539275","179628","5.5","","0","90"

***?MONP"
"*?HOLE_ID","*?MONP_DIS","*?MONP_ID","*?MONP_DATE","*?MONP_TYPE","*?MONP_BRGA","*?MONP_INCA","*?MONP_RSCA"
"<UNITS>","m","","dd/mm/yyyy","","deg","deg",""
"SG5","3.5","SG5","15/04/1999","SG","145","0","compression -ve"

***?MONR"
"*?HOLE_ID","*?MONP_DIS","*?MONP_ID","*?MONR_DATE","*?MONR_TIME","*?MONR_STRA","*?MONR_REM"
"<UNITS>","m","","dd/mm/yyyy","hhmmss","%",""
"SG5","3.5","SG5","03/05/1999","114500","0","Base reading"
"SG5","3.5","SG5","04/05/1999","120000","0",""
"SG5","3.5","SG5","05/05/1999","114500","0.0002",""
"SG5","3.5","SG5","06/05/1999","113000","0.0005",""
"SG5","3.5","SG5","07/05/1999","110000","0.0008",""
"SG5","3.5","SG5","08/05/1999","124500","0.0015",""
"SG5","3.5","SG5","09/05/1999","114500","0.0067",""
"SG5","3.5","SG5","10/05/1999","114500","0.0071",""
"SG5","3.5","SG5","11/05/1999","120000","0.0074",""
"SG5","3.5","SG5","12/05/1999","114500","0.0074",""
"SG5","3.5","SG5","13/05/1999","113000","0.0076",""
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"SG5","3.5","SG5","14/05/1999","110000","0.0215",""
"SG5","3.5","SG5","15/05/1999","124500","0.0289",""
"SG5","3.5","SG5","16/05/1999","120000","0.0295",""
"SG5","3.5","SG5","17/05/1999","114500","0.0298",""
"SG5","3.5","SG5","18/05/1999","120000","0.0299",""
"SG5","3.5","SG5","19/05/1999","114500","0.0306",""
"SG5","3.5","SG5","20/05/1999","113000","0.0824",""
"SG5","3.5","SG5","21/05/1999","110000","0.0852",""
"SG5","3.5","SG5","22/05/1999","124500","0.0867",""
"SG5","3.5","SG5","23/05/1999","120000","0.0872",""
"SG5","3.5","SG5","24/05/1999","114500","0.0873",""

"**?TREM"

"*?HOLE_ID","*?TREM_DATE","*?TREM_TIME","*?TREM_REM"

"<UNITS>" "dd/mm/yyyy","hhmmss",""

"SG5","05/05/1999","114500","Excavation to -3.4m"

"SG5","09/05/1999","114500","Excavation to -5m"

"SG5","14/05/1999","110000","Excavation to -6.9m"

"SG5","20/05/1999","113000","Excavation to -8m"