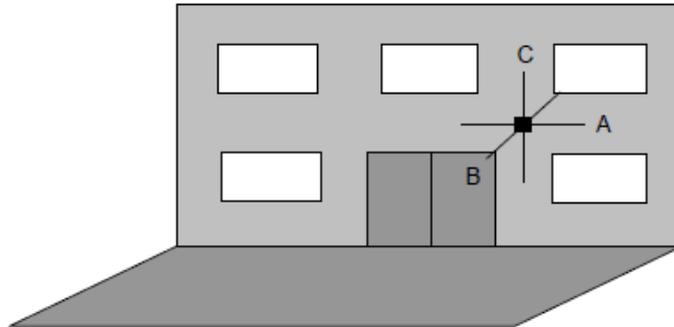


# AGS Format Monitoring Data Example

## 03 - Total station point



Project: Acme Gasworks  
 Location: 97488.580, 103170.658  
 Level: 54.894m  
 Instrument: TS150

Date	Time	Displ. Direction A	Displ. Direction B	Displ. Direction C
26/03/2001	12:00	0	0	0
02/05/2001	12:00	0.4	-0.9	-1
07/05/2001	12:00	2.2	-0.1	-1
11/05/2001	12:00	0.8	-1.8	0
18/05/2001	12:00	-1.9	-3.1	0
28/05/2001	12:00	0.8	-1.8	1
04/06/2001	12:00	-1.5	-4	0
21/06/2001	12:00			
26/06/2001	12:00	2.6	-3.2	-2
04/07/2001	12:00	-0.4	0.9	0
01/08/2001	12:00	0.4	-0.9	0
03/08/2001	12:00	0.4	-0.9	0
06/08/2001	12:00	1.3	-0.5	0
08/08/2001	12:00	1.3	-0.5	0
22/08/2001	12:00	1.7	-1.4	0
27/08/2001	12:00	1.7	-1.4	0

# AGS Format File (Edition 3.1)

```
***PROJ"
**PROJ_ID","**PROJ_NAME","**PROJ_LOC","**PROJ_CLNT","**PROJ_CONT","**PROJ_ENG","**PROJ_DATE","**PROJ_AGS"
"<UNITS>","m","m","m","m","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"
"mm","millimetre"
"deg","Degrees"

***ABBR"
**ABBR_HDNG","**ABBR_CODE","**ABBR_DESC"
"HOLE_TYPE","INST","Instrument"
"MONP_TYPE","TS","Total station point"

***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_BPGA","COMMON","Bearing of monitoring axis A (compass bearing)","deg","090",""
"HEADING","MONP","MONP_BRGB","COMMON","Bearing of monitoring axis B (compass bearing)","deg","180",""
"HEADING","MONP","MONP_BRGC","COMMON","Bearing of monitoring axis C (compass bearing)","deg","NA",""
"HEADING","MONP","MONP_INCA","COMMON","Inclination of instrument axis A (measured positively down from horizontal)","deg","",""
"HEADING","MONP","MONP_INCB","COMMON","Inclination of instrument axis B (measured positively down from horizontal)","deg","",""
"HEADING","MONP","MONP_INCC","COMMON","Inclination of instrument axis C (measured positively down from horizontal)","deg","",""
"HEADING","MONP","MONP_RSCA","COMMON","Reading sign convention in direction A","","Displacement to East +ve",""
"HEADING","MONP","MONP_RSCB","COMMON","Reading sign convention in direction B","","Displacement to South +ve",""
"HEADING","MONP","MONP_RSCC","COMMON","Reading sign convention in direction C","","Displacement up +ve",""
"GROUP","MONR","","","Monitoring Point Reading","","","MONP"
"HEADING","MONR","HOLE_ID","KEY","Exploratory Hole Number","","6422/A",""
"HEADING","MONR","MONR_DIS","KEY","Distance of monitoring point from Reference Point","m","2.30",""
"HEADING","MONR","MONR_ID","KEY","Monitoring Point ID (optional)","","ZT102",""
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"HEADING","MONR","MONR_TIME","KEY","Time of reading","hhmmss","134000",""
"HEADING","MONR","MONR_DSPA","COMMON","Displacement in direction A","mm","24",""
"HEADING","MONR","MONR_DSPB","COMMON","Displacement in direction B","mm","12.7",""
"HEADING","MONR","MONR_DSPC","COMMON","Displacement in direction C","mm","-10.842",""
"HEADING","MONR","MONR_EAST","COMMON","Absolute position (Easting)","m","523145",""
"HEADING","MONR","MONR_NORTH","COMMON","Absolute position (Northing)","m","178963",""
"HEADING","MONR","MONR_LEV","COMMON","Absolute position (Level)","m","10.2",""
"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"
"<UNITS>","m","m","m","m"
"TS150","INST","97488.58","103170.658","54.894","0"

***?MONP"
**?HOLE_ID","**?MONP_DIS","**?MONP_ID","**?MONP_DATE","**?MONP_TYPE","**?MONP_BPGA","**?MONP_BRGB","**?MONP_BRGC","**?
MONP_INCA","**?MONP_INCB","**?MONP_INCC","**?MONP_RSCA","**?MONP_RSCB","**?MONP_RSCC"
"<UNITS>","m","","dd/mm/yyyy","","deg","deg","deg","deg","deg","deg",""
"TS150","0","TS150","26/03/2001","TS","090","000","000","0","0","90","+ve displacement towards east","+ve displacement towards
north","+ve displacement upwards"

***?MONR"

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"*?HOLE_ID","*?MONP_DIS","*?MONP_ID","*?MONR_DATE","*?MONR_TIME","*?MONR_DSPA","*?MONR_DSPB","*?MONR_DSPC","*?
MONR_EAST","*?MONR_NRTH","*?MONR_LEV","*?MONR_REM"
"<UNITS>","m","","dd/mm/yyyy","hhmmss","mm","mm","mm","m","m","m",""
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"TS150","0","TS150","02/05/2001","120000","0.4","-0.9","-1","97488.581","103170.658","54.893",""
"TS150","0","TS150","07/05/2001","120000","2.2","-0.1","-1","97488.581","103170.66","54.893",""
"TS150","0","TS150","11/05/2001","120000","0.8","-1.8","0","97488.582","103170.658","54.894",""
"TS150","0","TS150","18/05/2001","120000","-1.9","-3.1","0","97488.582","103170.655","54.894",""
"TS150","0","TS150","28/05/2001","120000","0.8","-1.8","1","97488.582","103170.658","54.895",""
"TS150","0","TS150","04/06/2001","120000","-1.5","-4","0","97488.583","103170.655","54.894",""
"TS150","0","TS150","21/06/2001","120000","","","","",""
"TS150","0","TS150","26/06/2001","120000","2.6","-3.2","-2","97488.584","103170.659","54.892",""
"TS150","0","TS150","04/07/2001","120000","-0.4","0.9","0","97488.579","103170.658","54.894",""
"TS150","0","TS150","01/08/2001","120000","0.4","-0.9","0","97488.581","103170.658","54.894",""
"TS150","0","TS150","03/08/2001","120000","0.4","-0.9","0","97488.581","103170.658","54.894",""
"TS150","0","TS150","06/08/2001","120000","1.3","-0.5","0","97488.581","103170.659","54.894",""
"TS150","0","TS150","08/08/2001","120000","1.3","-0.5","0","97488.581","103170.659","54.894",""
"TS150","0","TS150","22/08/2001","120000","1.7","-1.4","0","97488.582","103170.659","54.894",""
"TS150","0","TS150","27/08/2001","120000","1.7","-1.4","0","97488.582","103170.659","54.894",""

```

\*\*\*?TREM"

```

"*?HOLE_ID","*?TREM_DATE","*?TREM_TIME","*?TREM_REM"
"<UNITS>","dd/mm/yyyy","hhmmss",""
"TS150","02/05/2001","120000","0 Tunnel progress"
"TS150","07/05/2001","120000","0.00"
"TS150","11/05/2001","120000","0.00"
"TS150","18/05/2001","120000","0.00"
"TS150","28/05/2001","120000","-1.5"
"TS150","04/06/2001","120000","-1.5"
"TS150","21/06/2001","120000","-4"
"TS150","26/06/2001","120000","-6"
"TS150","04/07/2001","120000","-8"
"TS150","01/08/2001","120000","-16"
"TS150","03/08/2001","120000","-16"
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"TS150","22/08/2001","120000","-17.5"
"TS150","27/08/2001","120000","-19.5"

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