

DRAINTECH

helping to improve the drainage network

Drainage Survey Report

Job Number : 21618

Project Number: 1

Project Name: Cefn Lodge Nursing Home, Cefn-Parc, Skewen, Neath SA10 6YR

Company: Cambria Consulting

Site Date: 19-05-2026

Draintech Surveys Ltd| Atlantic House| Chamwood Park| Bridgend| CF31 3PL| 01656 767001| www.draintech.co.uk



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21618 Cefn Lodge Nursing Home Skewen		19/05/2026

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Project Information

Project Name	Project Number	Project Date
21618 Cefn Lodge Nursing Home Skewen		19/05/2026

Client

Company: Cambria Consulting
Contact: Laura Mitchell

Site

Company: Draintech Surveys Ltd
Contact: Jack Jones

Contractor

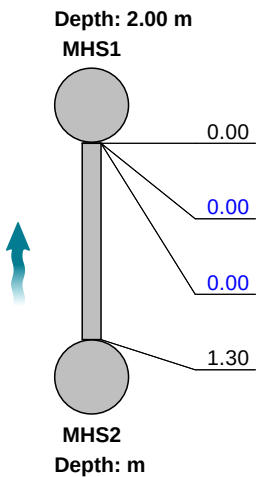
Company: Draintech Surveys Ltd



Section Inspection - 19/05/2026 - MHS2X

Item No. 1	Insp. No. 1	Date 19/05/26	Time 9:15	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MHS2X
Operator Draintech JJ		Vehicle CA70SZJ		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Skewen	Inspection Direction:	Upstream	Upstream Node:	MHS2
Road:	Cefn Lodge Nursing	Inspected Length:	1.30 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	1.30 m	Downstream Node:	MHS1
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	300 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		
Comments:	MHS2 - Buried				
Recommendations:					

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: SMH1	00:00:00		
		0.00	WL	Water level, 10% of the vertical dimension	00:00:02		
		0.00	REM	General remark: A PIPE	00:01:09		
		1.30	MHF	Finish node, manhole, reference: SMH2	00:00:13		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 19/05/2026 - MHS3X

Item No. 2	Insp. No. 1	Date 19/05/26	Time 11:39	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MHS3X
Operator Draintech JJ		Vehicle CA70SZJ		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Skewen	Inspection Direction:	Upstream	Upstream Node:	MHS3
Road:	Cefn Lodge Nursing	Inspected Length:	14.36 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	14.36 m	Downstream Node:	MHS2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	300 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:125	Position [m]	Code	Observation	MPEG	Photo	Grade																																																							
Depth: m MHS2 0.00 0.00 0.00 3.47 3.47 3.47 4.19 4.19 4.19 4.40 14.36 MHS3 Depth: m <table><tr><td>MH</td><td>Start node, manhole, reference: MHS2</td><td>00:00:00</td><td></td><td></td></tr><tr><td>REM</td><td>General remark: A PIPE</td><td></td><td></td><td></td></tr><tr><td>WL</td><td>Water level, 10% of the vertical dimension</td><td>00:00:02</td><td></td><td></td></tr><tr><td>H</td><td>Hole in drain or sewer from 8 o'clock to 11 o'clock</td><td>00:00:30</td><td></td><td>5</td></tr><tr><td>SV</td><td>Soil visible beyond defect</td><td>00:00:31</td><td></td><td></td></tr><tr><td>VV</td><td>Void visible beyond defect</td><td>00:00:31</td><td></td><td></td></tr><tr><td>SC</td><td>Pipe size changes, new size(s), 225mm high</td><td>00:00:40</td><td></td><td></td></tr><tr><td>JDL</td><td>Joint displaced, large</td><td>00:00:41</td><td></td><td>1 / 4</td></tr><tr><td>LR</td><td>Line deviates right</td><td>00:00:42</td><td></td><td></td></tr><tr><td>REM</td><td>General remark: CHANGED TO PUSHER</td><td>00:01:45</td><td></td><td></td></tr><tr><td>MHF</td><td>Finish node, manhole, reference: MHS3: LIFTED COVER SEEN CAMERA LIGHT</td><td>00:03:09</td><td></td><td></td></tr></table>								MH	Start node, manhole, reference: MHS2	00:00:00			REM	General remark: A PIPE				WL	Water level, 10% of the vertical dimension	00:00:02			H	Hole in drain or sewer from 8 o'clock to 11 o'clock	00:00:30		5	SV	Soil visible beyond defect	00:00:31			VV	Void visible beyond defect	00:00:31			SC	Pipe size changes, new size(s), 225mm high	00:00:40			JDL	Joint displaced, large	00:00:41		1 / 4	LR	Line deviates right	00:00:42			REM	General remark: CHANGED TO PUSHER	00:01:45			MHF	Finish node, manhole, reference: MHS3: LIFTED COVER SEEN CAMERA LIGHT	00:03:09		
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MHF	Finish node, manhole, reference: MHS3: LIFTED COVER SEEN CAMERA LIGHT	00:03:09																																																												

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	165.0	11.6	167.0	5.0	1	5.0	0.3	5.0	4.0

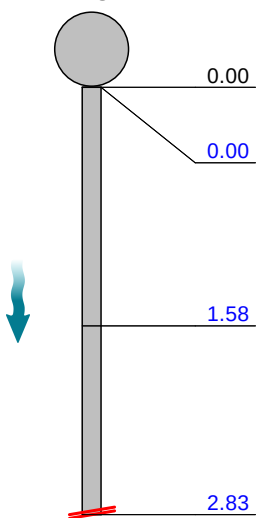
Section Inspection - 19/05/2026 - MHS1X

Item No. 3	Insp. No. 1	Date 19/05/26	Time 9:49	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MHS1X
Operator Draintech JJ		Vehicle CA70SZJ		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Skewen	Inspection Direction:	Downstream	Upstream Node:	MHS1
Road:	Cefn Lodge Nursing	Inspected Length:	2.83 m	Upstream Pipe Depth:	2.000 m
Location:	Road	Total Length:	2.83 m	Downstream Node:	MHS4
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.180 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	375 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.00 m MHS1 							
		0.00	MH	Start node, manhole, reference: MHS1	00:00:00		
		0.00	WL	Water level, 30% of the vertical dimension	00:00:02		
		1.58	CUW	Loss of vision, camera under water	00:00:12		
		2.83	SA	Survey abandoned: UNABLE TO GET PASSED STONE IN LINE	00:00:41		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 19/05/2026 - MHS1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	19/05/26	9:54	Not Specified	No Rain Or Snow	No	MHS1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Draintech JJ		CA70SZJ		Minicam	Not Specified	Not Specified	Not Specified

Town or Village:	Skewen	Inspection Direction:	Downstream	Upstream Node:	MHS1
Road:	Cefn Lodge Nursing	Inspected Length:	10.02 m	Upstream Pipe Depth:	2.000 m
Location:	Road	Total Length:	10.02 m	Downstream Node:	MHS4
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.180 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	300 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

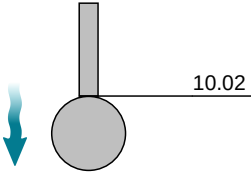
Comments:

Recommendations:

Scale:	1:79	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.00 m MHS1							
		0.00	MH	Start node, manhole, reference: MHS1	00:00:01		
		0.00	WL	Water level, 10% of the vertical dimension	00:00:01		
		0.00	REM	General remark: Y PIPE	00:00:02		
		2.47	WL	Water level, 20% of the vertical dimension	00:00:15		
		3.14	FL	Fracture, longitudinal at 11 o'clock	00:00:24		3 / 2
		3.14	FL	Fracture, longitudinal at 1 o'clock	00:00:24		3 / 2
		3.14	CL	Crack, longitudinal at 3 o'clock	00:00:30		2 / 2
		3.22	CC	Crack, circumferential from 11 o'clock to 4 o'clock	00:00:33		2 / 2
		6.12	WL	Water level, 10% of the vertical dimension	00:01:23		
		6.68	LR	Line deviates right	00:01:28		
		6.68	D	Deformed sewer or drain, 10%	00:01:28		4 / 3
		6.68	CL	Crack, longitudinal at 9 o'clock	00:01:29		2 / 2
		6.68	FL	Fracture, longitudinal at 12 o'clock	00:01:29		3 / 2
		6.68	FL	Fracture, longitudinal at 3 o'clock	00:01:30		3 / 2
		8.07	JDL	Joint displaced, large	00:01:43		1 / 4

Section Inspection - 19/05/2026 - MHS1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	19/05/26	9:54	Not Specified	No Rain Or Snow	No	MHS1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Draintech JJ		CA70SZJ		Minicam	Not Specified	Not Specified	Not Specified

Scale:	1:79	Position [m]	Code	Observation	MPEG	Photo	Grade		
		10.02	MHF	Finish node, manhole, reference: MHS4	00:01:56				
MHS4 Depth: 2.18 m									
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
9	170.0	27.1	272.0	4.0	9	5.0	1.4	14.0	4.0

Section Inspection - 19/05/2026 - MHS4X

Item No. 5	Insp. No. 1	Date 19/05/26	Time 10:06	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MHS4X
Operator Draintech JJ		Vehicle CA70SZJ		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Skewen	Inspection Direction:	Downstream	Upstream Node:	MHS4
Road:	Cefn Lodge Nursing	Inspected Length:	34.57 m	Upstream Pipe Depth:	2.180 m
Location:	Road	Total Length:	34.57 m	Downstream Node:	OUTFALL 1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	450 mm		
Flow Control:	No flow control	Pipe Material:	Concrete		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:300	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 2.18 m MHS4						
	0.00	MH	Start node, manhole, reference: MHS4	00:00:00		
	0.00	WL	Water level, 10% of the vertical dimension	00:00:01		
	1.30	H	Hole in drain or sewer at 12 o'clock	00:00:13		4
	2.09	H	Hole in drain or sewer from 12 o'clock to 1 o'clock	00:00:28		4
	17.90	CL	Crack, longitudinal at 12 o'clock	00:02:15		2 / 2
	19.02	CN	Connection other than junction at 12 o'clock, 100mm dia	00:02:28		
	34.57	OCF	Finish node, other special chamber, reference: OUTFALL 1:	00:03:40		
OUTFALL 1 Depth: m						

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
3	80.0	4.9	170.0	4.0	1	1.0	0.0	1.0	2.0

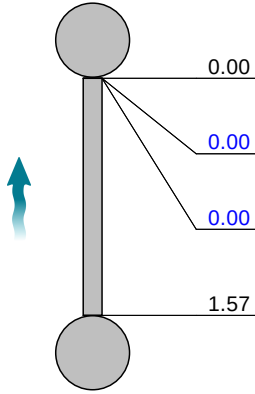
Section Inspection - 19/05/2026 - MHS2X

Item No. 6	Insp. No. 1	Date 19/05/26	Time 10:26	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MHS2X
Operator Draintech JJ		Vehicle CA70SZJ		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Skewen	Inspection Direction:	Upstream	Upstream Node:	MHS2
Road:	Cefn Lodge Nursing	Inspected Length:	1.57 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	1.57 m	Downstream Node:	MHS1
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	300 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																
Depth: 2.00 m MHS1  MHS2 Depth: m <table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MHS1</td><td>00:00:00</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:01</td></tr><tr><td>0.00</td><td>REM</td><td>General remark: B PIPE</td><td>00:00:20</td></tr><tr><td>1.57</td><td>MHF</td><td>Finish node, manhole, reference: MHS2</td><td>00:00:15</td></tr></table>								0.00	MH	Start node, manhole, reference: MHS1	00:00:00	0.00	WL	Water level, 5% of the vertical dimension	00:00:01	0.00	REM	General remark: B PIPE	00:00:20	1.57	MHF	Finish node, manhole, reference: MHS2	00:00:15
0.00	MH	Start node, manhole, reference: MHS1	00:00:00																				
0.00	WL	Water level, 5% of the vertical dimension	00:00:01																				
0.00	REM	General remark: B PIPE	00:00:20																				
1.57	MHF	Finish node, manhole, reference: MHS2	00:00:15																				

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

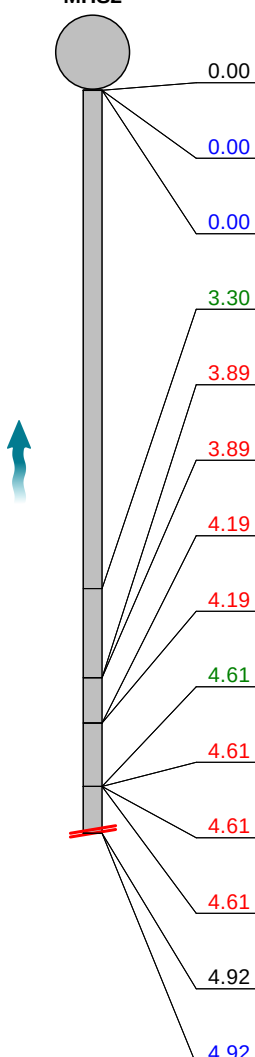
Section Inspection - 19/05/2026 - MHS3X

Item No. 7	Insp. No. 1	Date 19/05/26	Time 10:28	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MHS3X
Operator Draintech JJ		Vehicle CA70SZJ		Camera Minicam	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Skewen	Inspection Direction:	Upstream	Upstream Node:	MHS3
Road:	Cefn Lodge Nursing	Inspected Length:	4.92 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	4.92 m	Downstream Node:	MHS2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	300 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																																																						
Depth: m MHS2  <table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: MHS2</td><td>00:00:02</td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td>00:00:02</td><td></td></tr><tr><td>0.00</td><td>REM</td><td>General remark: B PIPE</td><td>00:00:03</td><td></td></tr><tr><td>3.30</td><td>LR</td><td>Line deviates right</td><td>00:00:23</td><td></td></tr><tr><td>3.89</td><td>CL</td><td>Crack, longitudinal at 10 o'clock</td><td>00:00:30</td><td>2 / 2</td></tr><tr><td>3.89</td><td>CL</td><td>Crack, longitudinal at 12 o'clock</td><td>00:00:31</td><td>2 / 2</td></tr><tr><td>4.19</td><td>CL</td><td>Crack, longitudinal at 4 o'clock</td><td>00:00:37</td><td>2 / 2</td></tr><tr><td>4.19</td><td>CL</td><td>Crack, longitudinal at 6 o'clock</td><td>00:00:38</td><td>2 / 2</td></tr><tr><td>4.61</td><td>LR</td><td>Line deviates right</td><td>00:00:46</td><td></td></tr><tr><td>4.61</td><td>JDL</td><td>Joint displaced, large</td><td>00:00:47</td><td>1 / 4</td></tr><tr><td>4.61</td><td>FL</td><td>Fracture, longitudinal at 10 o'clock</td><td>00:00:58</td><td>3 / 2</td></tr><tr><td>4.61</td><td>FL</td><td>Fracture, longitudinal at 9 o'clock</td><td>00:00:59</td><td>3 / 2</td></tr><tr><td>4.92</td><td>SC</td><td>Pipe size changes, new size(s), 225mm high</td><td>00:01:13</td><td></td></tr><tr><td>4.92</td><td>SA</td><td>Survey abandoned: UNABLE TO GET PASSED DRIVE THROUGH</td><td>00:01:14</td><td></td></tr></table>								0.00	MH	Start node, manhole, reference: MHS2	00:00:02		0.00	WL	Water level, 5% of the vertical dimension	00:00:02		0.00	REM	General remark: B PIPE	00:00:03		3.30	LR	Line deviates right	00:00:23		3.89	CL	Crack, longitudinal at 10 o'clock	00:00:30	2 / 2	3.89	CL	Crack, longitudinal at 12 o'clock	00:00:31	2 / 2	4.19	CL	Crack, longitudinal at 4 o'clock	00:00:37	2 / 2	4.19	CL	Crack, longitudinal at 6 o'clock	00:00:38	2 / 2	4.61	LR	Line deviates right	00:00:46		4.61	JDL	Joint displaced, large	00:00:47	1 / 4	4.61	FL	Fracture, longitudinal at 10 o'clock	00:00:58	3 / 2	4.61	FL	Fracture, longitudinal at 9 o'clock	00:00:59	3 / 2	4.92	SC	Pipe size changes, new size(s), 225mm high	00:01:13		4.92	SA	Survey abandoned: UNABLE TO GET PASSED DRIVE THROUGH	00:01:14	
0.00	MH	Start node, manhole, reference: MHS2	00:00:02																																																																										
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3.89	CL	Crack, longitudinal at 12 o'clock	00:00:31	2 / 2																																																																									
4.19	CL	Crack, longitudinal at 4 o'clock	00:00:37	2 / 2																																																																									
4.19	CL	Crack, longitudinal at 6 o'clock	00:00:38	2 / 2																																																																									
4.61	LR	Line deviates right	00:00:46																																																																										
4.61	JDL	Joint displaced, large	00:00:47	1 / 4																																																																									
4.61	FL	Fracture, longitudinal at 10 o'clock	00:00:58	3 / 2																																																																									
4.61	FL	Fracture, longitudinal at 9 o'clock	00:00:59	3 / 2																																																																									
4.92	SC	Pipe size changes, new size(s), 225mm high	00:01:13																																																																										
4.92	SA	Survey abandoned: UNABLE TO GET PASSED DRIVE THROUGH	00:01:14																																																																										

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
7	120.0	24.8	122.0	3.0	7	9.0	2.2	11.0	4.0