Profile/Photo Observation Report



Date: 10/16/2021 **PACP 7.0** Weather: Coding: Pipe Length (ft): 307.0 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-704-014-013 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 10/13/2021 Shape: C

Street: North Michigan Avenue Flow Control: Not Controlled

City: Hobart, IN Year Renewed:
Location: Local rural streets with light traffic, t Tape/Media #:

Purpose: Routine Assessment Dia/Height: 12"
Use: Sanitary Sewage Pipe Material: VCP

Drain Area: Lining:

Category: NA

Comment:

Location Details: Direction of Survey: **Downstream**

US MH: M-704-014 DS MH: M-704-013 Total Length Surveyed (ft): 262.2

2.12 5142 142.00 O&M Index: O&M Quick: O&M Rating: 3.01 524B 235.00 Structural Rating: Structural Index: Structural Quick: 2.60 534C 377.00 Overall Index: Overall Quick: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
VI(704-	014				
	0.	AMH	Manhole	1	NA
-11	0.	MWL	Miscellaneous Water Level	66	NA
	$\sqrt{\frac{2.5}{2.5}}$	TFC	Tap Factory Capped	110	NA
-	√\\ 5.7	SSS	Surface Damage Surface Spalling	146	S 2
Ш	7.7	MWLS(S01)	Miscellaneous Water Level Sag	174	S 2
ш	\\ <u>9.7</u>	FM	Fracture Multiple	232	S 4
-11	\\ 13.7	FM	Fracture Multiple	334	S 4
ш	16.1	FM	Fracture Multiple	387	S 4
ш	33.8	TFC	Tap Factory Capped	472	NA
	/36.4	MWLS(F01)	Miscellaneous Water Level Sag	501	S 2
	//36.9	FM	Fracture Multiple	560	S 4
	/// 41.4	DSF(S02)	Deposits Settled Fine	595	M 2
	<u>//</u> /47.4	В	Broken	662	S 4
	//52.8	MWLS(S03)	Miscellaneous Water Level Sag	715	S 2
	54.8	TF	Tap Factory	741	NA
	62.0	JSM	Joint Separated Medium	860	S 3
,	64.1	CL	Crack Longitudinal	912	S 2
	///64.1	JAL	Joint Angular Large	932	S 4
	J / _{66.2}	SSS	Surface Damage Surface Spalling	987	S 2

	66.2	CL	Crack Longitudinal	1001	S 2
	66.2	CM	Crack Multiple	1038	S 3
	68.4	DAE	Deposits Attached Encrustation	1076	M 2
₩,	70.0	MWLS(F03)	Miscellaneous Water Level Sag	1101	S 2
#/	72.7	JAL(S04)	Joint Angular Large	1135	S 4
1	74.7	CM	Crack Multiple	1197	S 3
+-	80.1	TFC	Tap Factory Capped	1256	NA
	80.6	В	Broken	1320	S 4
羔	81.0	TBD	Tap Break-in/Hammer Defective	1343	M 3
	81.0	JAL(F04)	Joint Angular Large	1359	S 4
'	\\ <u>82.1</u>	TFC	Tap Factory Capped	1384	NA
ш	97.7	FM	Fracture Multiple	1522	S 4
ш	/105.0	SSS	Surface Damage Surface Spalling	1596	S 2
	105.2	ТВІ	Tap Break-in Intruding	1612	M 2
Τ,	// 107.2	TF	Tap Factory	1644	NA
	//110.2	JAM(S05)	Joint Angular Medium	1676	S 3
4/	/	JAL	Joint Angular Large	1756	S 4
+′/	122.6	CL	Crack Longitudinal	1769	S 2
+′	126.7	TF	Tap Factory	1816	NA
Ш	129.0	TFC	Tap Factory Capped	1846	NA
	141.0	LL	Line Left	1908	M 1
	141.4	SZ(S06)	Surface Damage Other	1946	NA
+//	141.4	SZ(S07)	Surface Damage Other	1955	NA
$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	144.3	JAL	Joint Angular Large	1989	S 4
+	152.3	SZ(F06)	Surface Damage Other	2040	NA
	156.7	TF	Tap Factory	2080	NA
	156.7	SZ(F07)	Surface Damage Other	2108	NA
	173.7	JAL	Joint Angular Large	2273	S 4
+	176.8	TFC	Tap Factory Capped	2320	NA
14	184.5	CM	Crack Multiple	2437	S 3
	184.5	ISB	Infiltration Stain Barrel	2453	M 1
	184.5	ISB	Infiltration Stain Barrel	2476	M 1
+1	185.3	ТВ	Tap Break-in/Hammer	2492	NA
Ш	188.4	JAL	Joint Angular Large	2529	S 4
Ш	188.4	CL	Crack Longitudinal	2541	S 2
Ш	190.0	MWLS(S08)	Miscellaneous Water Level Sag	2572	S 2
	192.0	MCU(S09)	Miscellaneous Camera Underwater	2603	M 4
	194.7	CM	Crack Multiple	2660	S 3
	196.0	MCU(F09)	Miscellaneous Camera Underwater	2693	M 4
+///	202.7	DAE	Deposits Attached Encrustation	2761	M 2
+	204.1	TFD	Tap Factory Defective	2786	M 3
	209.0	DAE	Deposits Attached Encrustation	2830	M 2

209.0	DAE	Deposits Attached Encrustation	2871	M 2
211.2	DAE	Deposits Attached Encrustation	2915	M 2
211.2	JAL	Joint Angular Large	2925	S 4
211.2	LR	Line Right	2943	M 1
212.2	TFD	Tap Factory Defective	2991	М 3
213.6	MWLS(F08)	Miscellaneous Water Level Sag	3015	S 2
215.4	DAE(S10)	Deposits Attached Encrustation	3038	M 2
218.1	SSS	Surface Damage Surface Spalling	3088	S 2
218.3	TBD	Tap Break-in/Hammer Defective	3102	М 3
219.7	IGJ	Infiltration Gusher Joint	3140	M 5
223.6	JAL	Joint Angular Large	3187	S 4
227.0	DAE(F10)	Deposits Attached Encrustation	3223	M 2
231.0	TFC	Tap Factory Capped	3257	NA
234.2	JAL	Joint Angular Large	3316	S 4
234.2	FM	Fracture Multiple	3371	S 4
235.0	DAE	Deposits Attached Encrustation	3421	M 2
235.7	TBI	Tap Break-in Intruding	3450	M 2
248.8	JAL	Joint Angular Large	3559	S 4
251.8	DAE	Deposits Attached Encrustation	3613	M 2
253.9	MWLS(S11)	Miscellaneous Water Level Sag	3657	S 5
255.1	TFD	Tap Factory Defective	3682	М 3
257.5	MCU(S12)	Miscellaneous Camera Underwater	3711	M
262.2	DSF(F02)	Deposits Settled Fine	3907	M 2
262.2	JAM(F05)	Joint Angular Medium	3915	S 3
262.2	MWLS(F11)	Miscellaneous Water Level Sag	3922	S 5
262.2	MCU(F12)	Miscellaneous Camera Underwater	3930	M 4
262.2	MSA	Miscellaneous Survey Abandoned	3939	NA

M(704)013



Code: AMH Description: Manhole

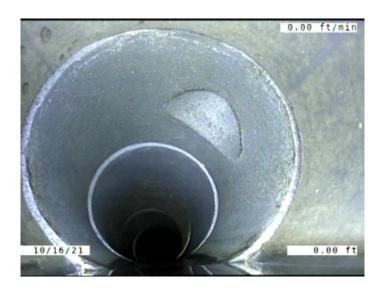
Distance (ft): .0 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: M-704-014



MWL Code:

Description: **Miscellaneous Water Level**

Distance (ft): .0 Structural Grade: 0 O&M Grade: 0

Clock Start/From:

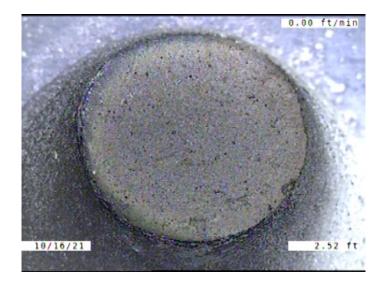
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 2.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

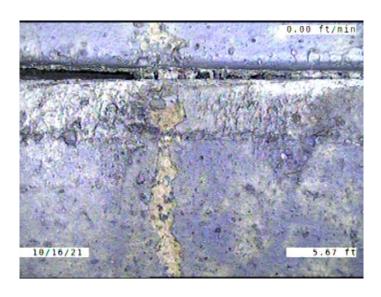
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 5.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 1
Clock To:
1st Value:
2nd Value:

Continuous Index: Within 8" of Joint:

Value Percent:

hin 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

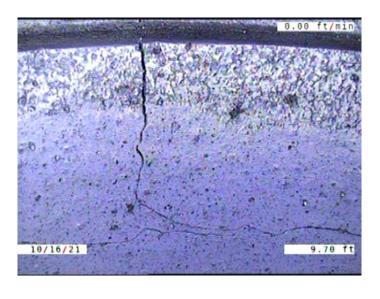
Distance (ft): 7.7
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S01
Within 8" of Joint: NO

Remarks:



Code: FM

Description: Fracture Multiple

Distance (ft): 9.7
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 8

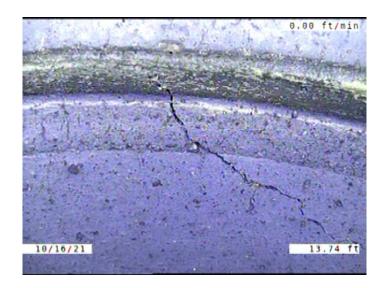
Clock To: 4

1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

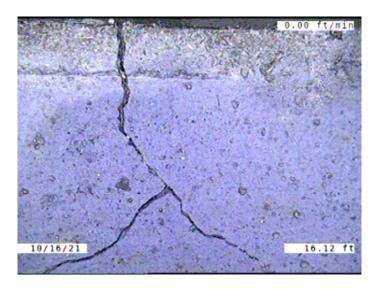
Continuous Index:



Code: FM
Description: Fracture Multiple

Distance (ft): 13.7 Structural Grade: 4 0 O&M Grade: Clock Start/From: 12 Clock To: 3 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:

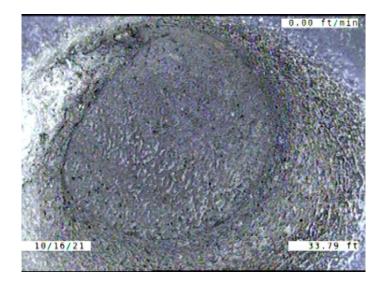


Code: **FM**

Description: Fracture Multiple

Distance (ft): 16.1 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 10 2 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: TFC

Description: **Tap Factory Capped**

Distance (ft): 33.8 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 11

Clock To:

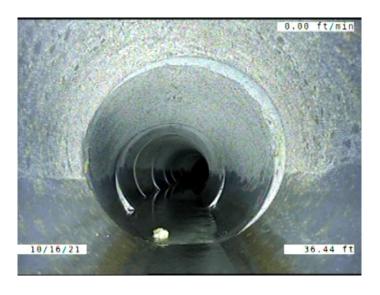
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

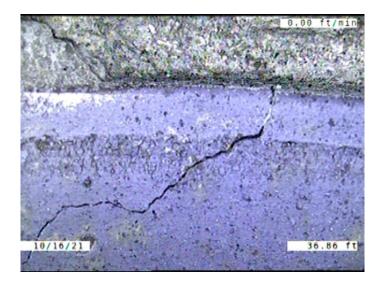
Distance (ft): 36.4 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000 Continuous Index: F01 Within 8" of Joint: NO

Remarks:



Code: **FM**

Description: Fracture Multiple

Distance (ft): 36.9
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 9

Clock To: 12

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 41.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 5

Clock To: 7

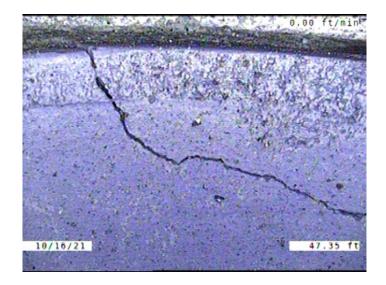
1st Value:

2nd Value:

Value Percent: 5.000
Continuous Index: S02
Within 8" of Joint: YES

Remarks:

arks[.]

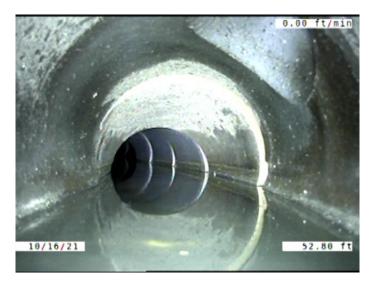


Code: Description: Broken

Distance (ft): 47.4 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 12 Clock To: 3 1st Value: 2nd Value: Value Percent:

Continuous Index: Within 8" of Joint:

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

YES

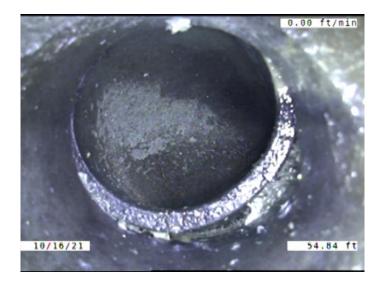
Distance (ft): 52.8 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 25.000 Continuous Index: **S03** Within 8" of Joint: NO

Remarks:



Code: **TF**

Description: **Tap Factory**

Distance (ft): 54.8
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1

Clock To:

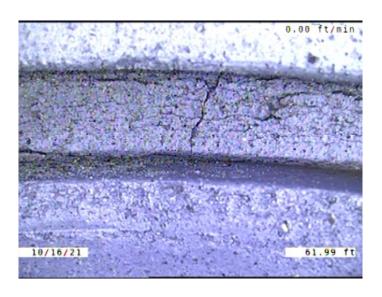
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JSM

Description: **Joint Separated Medium**

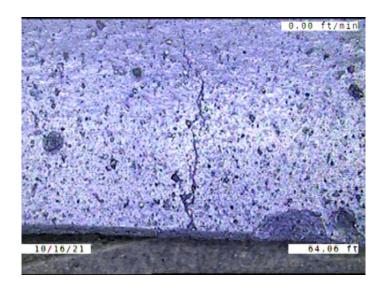
Distance (ft): 62.0
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: CL

Description: **Crack Longitudinal**

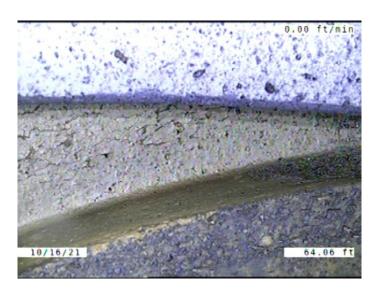
Distance (ft): 64.1 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 12

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



JAL Code:

Description: Joint Angular Large

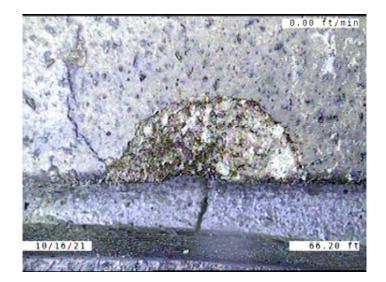
Distance (ft): 64.1 Structural Grade: 4 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

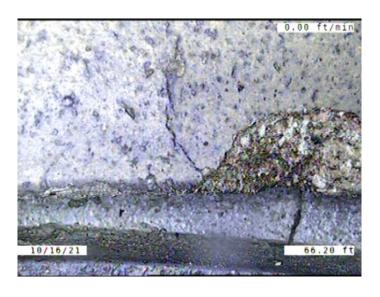
Distance (ft): 66.2
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: CL

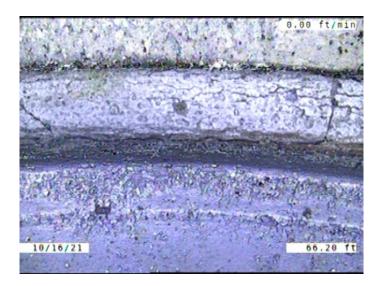
Description: Crack Longitudinal

Distance (ft): 66.2
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: CM

Description: **Crack Multiple**

Distance (ft): 66.2 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 9 Clock To: 1

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 68.4 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 3 Clock To: 4 1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

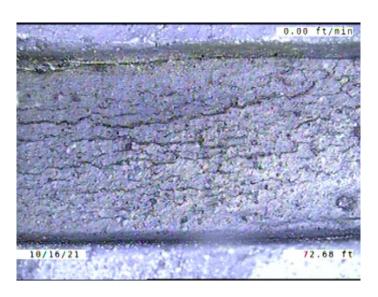
Distance (ft): 70.0
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 25.000
Continuous Index: F03
Within 8" of Joint: NO

Remarks:



Tuesday, April 25, 2023

Code: JAL

Description: Joint Angular Large

Distance (ft): 72.7
Structural Grade: 4
O&M Grade: 0

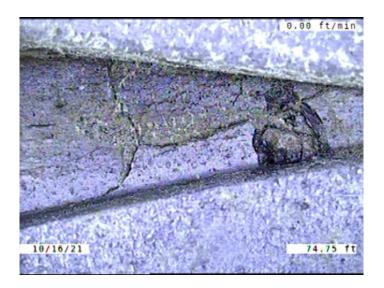
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: **S04** Within 8" of Joint: **NO**

15

Remarks:



Code: CM

Description: **Crack Multiple**

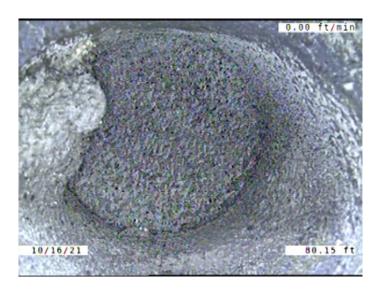
Distance (ft): 74.7 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 8 Clock To: 11

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



TFC Code:

Description: **Tap Factory Capped**

Distance (ft): 80.1 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 11

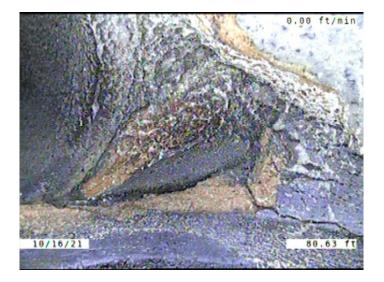
Clock To:

4.000 1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft): 80.6
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 8

Clock To: 2

1st Value: 2

2nd Value: Value Percent:

Continuous Index: Within 8" of Joint:

Remarks:

Code: TBD
Description: Tap Break-in/Hammer Defective

YES

Distance (ft): 81.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 10

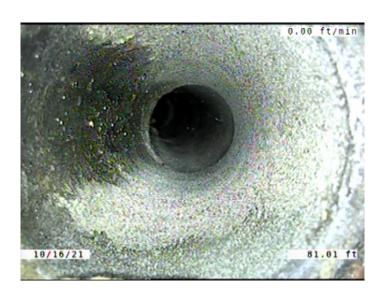
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective**





Code: JAL

Description: Joint Angular Large

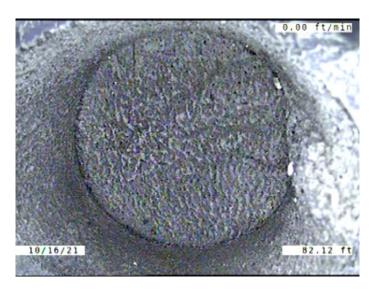
Distance (ft): 81.0
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F04
Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 82.1
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 2

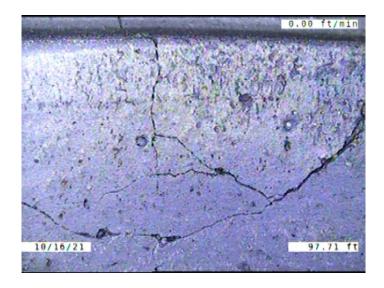
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: FM

Description: Fracture Multiple

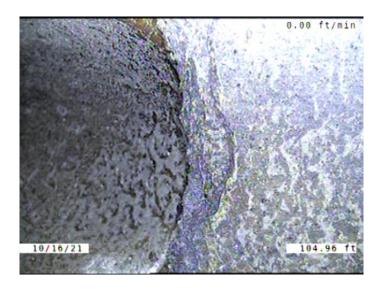
Distance (ft): 97.7
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 1

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: SSS

Description: Surface Damage Surface Spalling

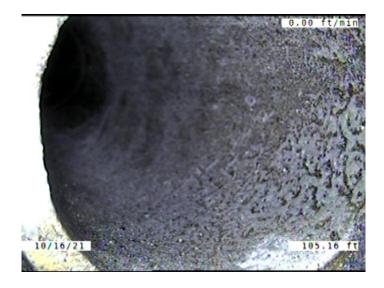
Distance (ft): 105.0
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10
Clock To: 12

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

rks:



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 105.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11

Clock To:

 1st Value:
 4.000

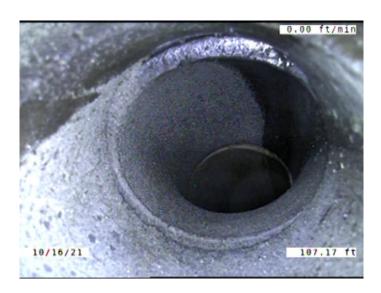
 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: TF

Description: Tap Factory

Distance (ft): 107.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

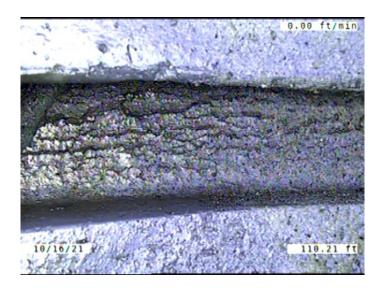
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JAM

Description: Joint Angular Medium

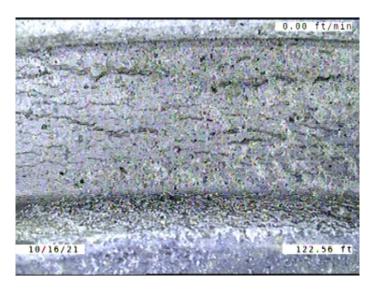
Distance (ft): 110.2
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: S05
Within 8" of Joint: NO

Remarks:



Code: JAL

Description: Joint Angular Large

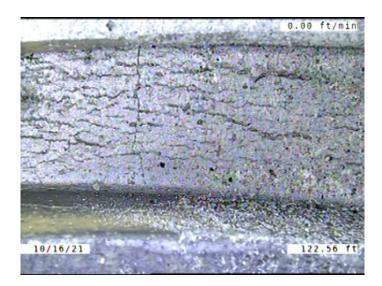
Distance (ft): 122.6
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: CL

Description: Crack Longitudinal

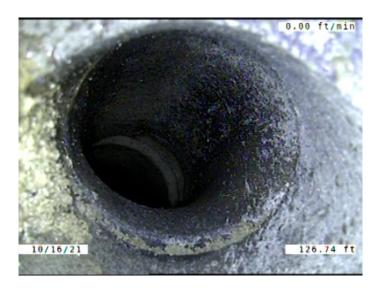
Distance (ft): 122.6
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 9

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TF**

Description: Tap Factory

Distance (ft): 126.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

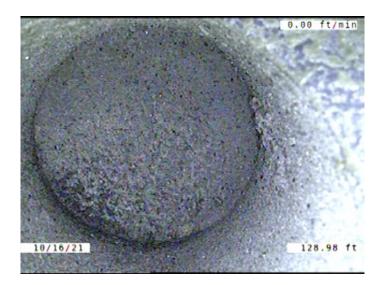
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

ke



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 129.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

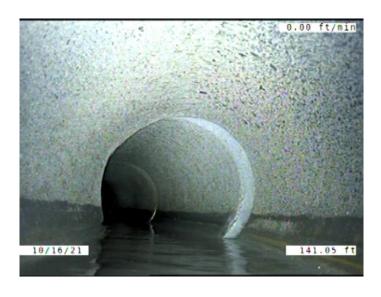
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: LL

Description: Line Left

Distance (ft): 141.0
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: SZ

Description: Surface Damage Other

Distance (ft): 141.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 4

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: S06
Within 8" of Joint: YES

Remarks: **GROOVE IN THE WALL OF THE PIPE.**



Code: SZ

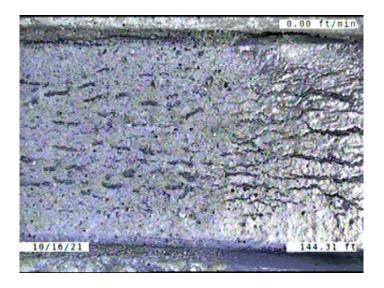
Description: Surface Damage Other

Distance (ft): 141.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 8

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: S07
Within 8" of Joint: YES

Remarks: **GROOVE IN THE WALL OF THE PIPE.**



Code: JAL

Description: Joint Angular Large

Distance (ft): 144.3
Structural Grade: 4
O&M Grade: 0

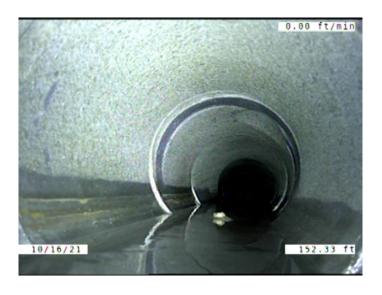
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: SZ

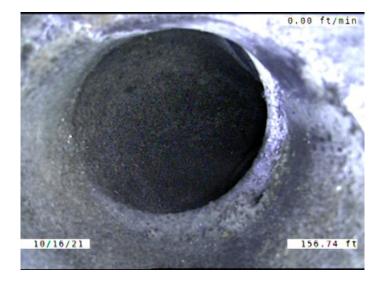
Description: Surface Damage Other

Distance (ft): 152.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 4

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F06
Within 8" of Joint: YES

Remarks: **GROOVE IN THE WALL OF THE PIPE.**



Code: **TF**

Description: Tap Factory

Distance (ft): 156.7
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: SZ

Description: Surface Damage Other

Distance (ft): 156.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 8

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F07
Within 8" of Joint: YES

Remarks: **GROOVE IN THE WALL OF THE PIPE.**



Code: JAL

Description: Joint Angular Large

Distance (ft): 173.7
Structural Grade: 4
O&M Grade: 0

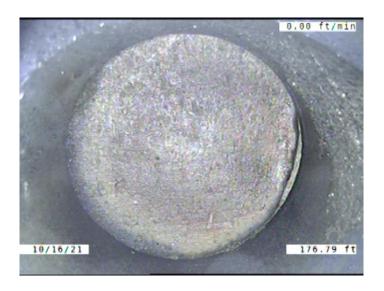
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: TFC

Description: Tap Factory Capped

Distance (ft): 176.8
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

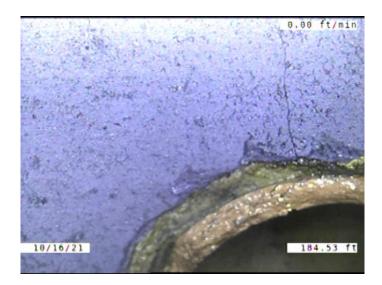
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

ke



Code: CM

Description: Crack Multiple

Distance (ft): **184.5**

Structural Grade: **3**O&M Grade: **0**

Clock Start/From: 9

Clock To: 3

1st Value:

2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: ISB

Description: Infiltration Stain Barrel

Distance (ft): **184.5**

Structural Grade: 0

O&M Grade: 1

Clock Start/From: 8

Clock To: 9

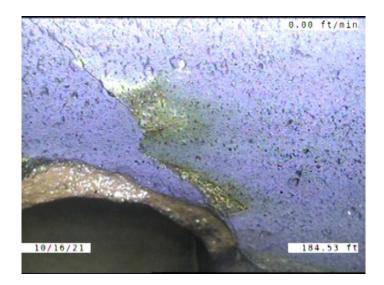
1st Value: 2nd Value:

Value Percent:

Continuous Index: Within 8" of Joint:

ithin 8" of Joint: NO

Remarks:



Code: ISB

Description: Infiltration Stain Barrel

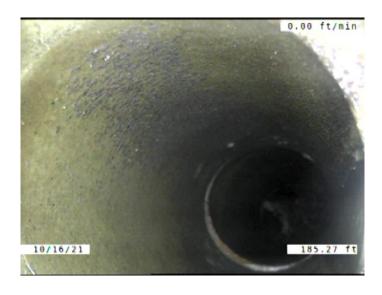
Distance (ft): 184.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 2
Clock To: 4

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: TB

Description: Tap Break-in/Hammer

Distance (ft): 185.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JAL

Description: Joint Angular Large

Distance (ft): 188.4
Structural Grade: 4
O&M Grade: 0

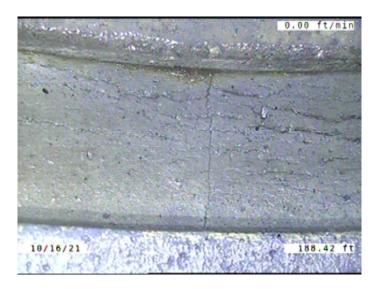
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: CL

Description: Crack Longitudinal

Distance (ft): 188.4
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

rks:



10/16/21

Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 190.0
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 20.000
Continuous Index: S08
Within 8" of Joint: NO

Remarks:

0.00 ft/min

191.98 ft

Code: MCU

Description: Miscellaneous Camera Underwater

Distance (ft): 192.0
Structural Grade: 0
O&M Grade: 4

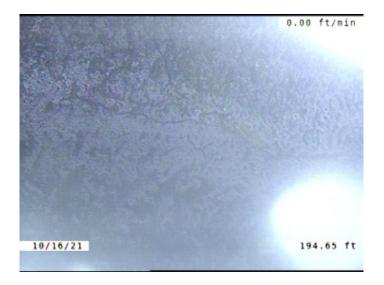
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: **S09** Within 8" of Joint: **NO**

Remarks:

VILLIIII 8



10/16/21

Code: CM

Description: **Crack Multiple**

Distance (ft): 194.7

Structural Grade: 3 O&M Grade: 0

Clock Start/From: 12

Clock To: 1

1st Value:

2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

0.00 ft/min

196.04 ft

4

YES

MCU Code:

Description: **Miscellaneous Camera Underwater**

196.0 Distance (ft): Structural Grade: 0

O&M Grade: Clock Start/From:

Clock To:

1st Value:

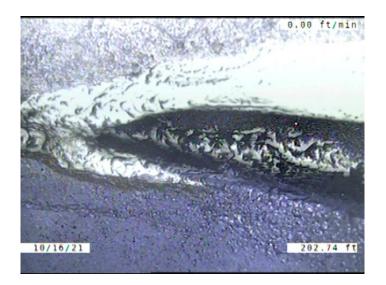
2nd Value:

Value Percent:

Continuous Index: Within 8" of Joint:

F09 NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 202.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1
Clock To: 3

1st Value: 2nd Value:

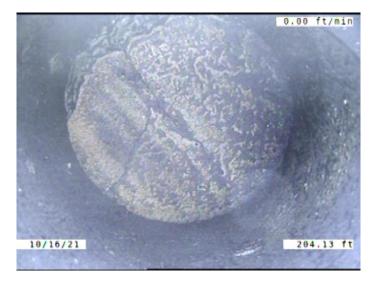
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

o or joint.

Remarks:



Code: **TFD**

Description: Tap Factory Defective

YES

Distance (ft): 204.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP BROKEN



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 209.0 Structural Grade: 0 2 O&M Grade: Clock Start/From: 3 Clock To: 5

1st Value: 2nd Value:

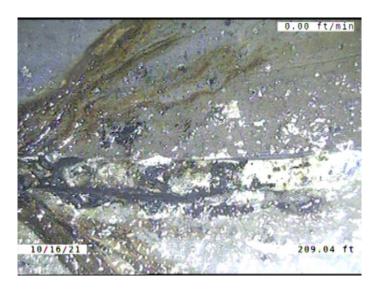
5.000 Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 209.0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 7 Clock To: 10 1st Value:

Value Percent:

Continuous Index:

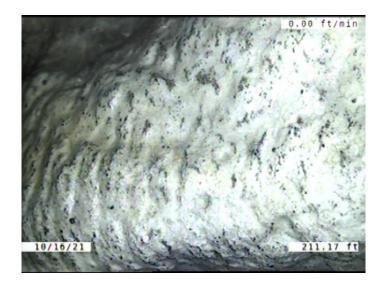
Within 8" of Joint:

Remarks:

2nd Value:

YES

5.000



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 211.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 10

1st Value:

2nd Value:

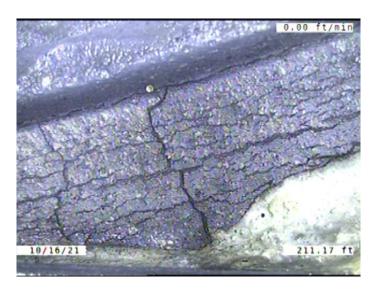
Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAL

Description: Joint Angular Large

Distance (ft): 211.2
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: LR

Description: Line Right

Distance (ft): 211.2
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

NO

Remarks:



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 212.2
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

Clock To:

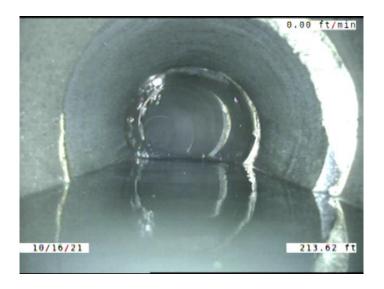
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **LEAKING AROUND THE CAP.**

ENCRUSTATION AROUND THE CAP



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

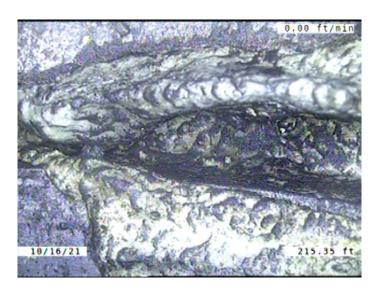
Distance (ft): 213.6 Structural Grade: 2 0 O&M Grade:

Clock Start/From: Clock To:

1st Value: 2nd Value:

Value Percent: 20.000 Continuous Index: F08 Within 8" of Joint: NO

Remarks:



Code: DAE

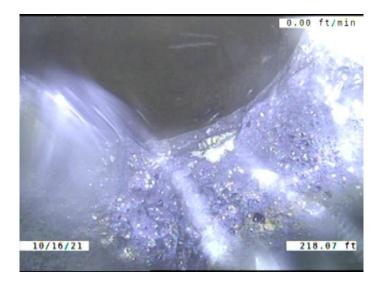
Description: **Deposits Attached Encrustation**

Distance (ft): 215.4 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 Clock To: 4 1st Value:

2nd Value: Value Percent: 5.000 Continuous Index: **S10** YES

Remarks:

Within 8" of Joint:



Code: SSS

Description: Surface Damage Surface Spalling

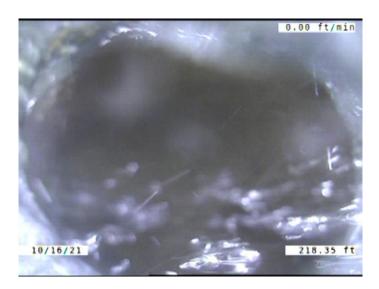
Distance (ft): 218.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 11
Clock To: 1

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 218.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 12

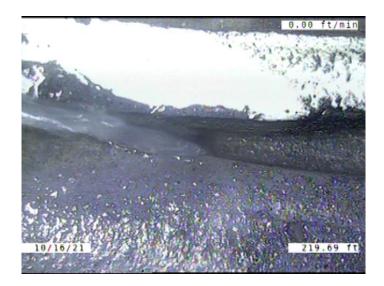
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective**



IGJ Code:

Description: **Infiltration Gusher Joint**

Distance (ft): 219.7 Structural Grade: 0 O&M Grade: 5 Clock Start/From: 8

Clock To: 10

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

Code:

Description: Joint Angular Large

JAL

Distance (ft): 223.6 Structural Grade: 4 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

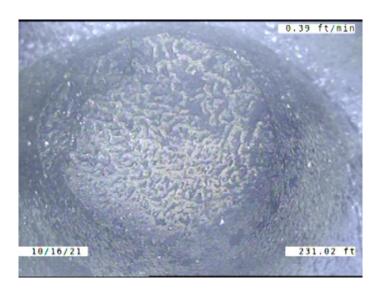
Description: Deposits Attached Encrustation

Distance (ft): 227.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F10
Within 8" of Joint: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 231.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JAL

Description: Joint Angular Large

Distance (ft): 234.2
Structural Grade: 4
O&M Grade: 0

Clock Start/From: Clock To:

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: **SOIL VISIBLE**



Code: FM

Description: Fracture Multiple

Distance (ft): 234.2
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 8

Clock To: 3

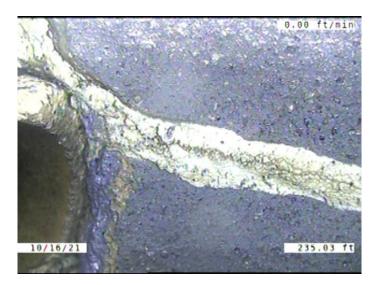
1st Value: 2

2nd Value: Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 235.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9

Clock To: 2

1st Value: 2nd Value:

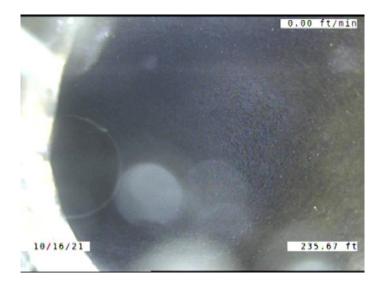
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 235.7
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 11

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: JAL

Description: Joint Angular Large

Distance (ft): 248.8
Structural Grade: 4
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 251.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 3
1st Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Code: MWLS

Description: Miscellaneous Water Level Sag

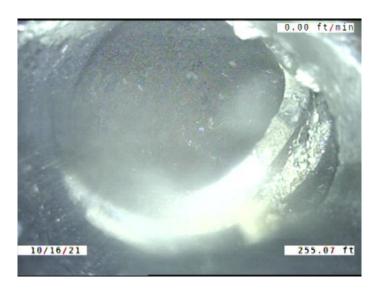
Distance (ft): 253.9
Structural Grade: 5
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 80.000
Continuous Index: S11
Within 8" of Joint: NO

Remarks:



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 255.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective**



Code: MCU

Description: Miscellaneous Camera Underwater

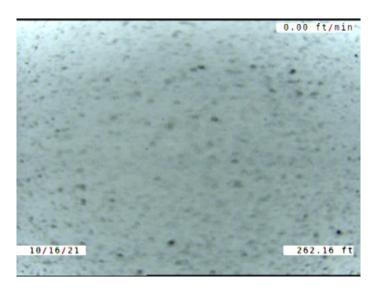
Distance (ft): 257.5
Structural Grade: 0
O&M Grade: 4

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: S12
Within 8" of Joint: NO

Remarks:



Code: **DSF**

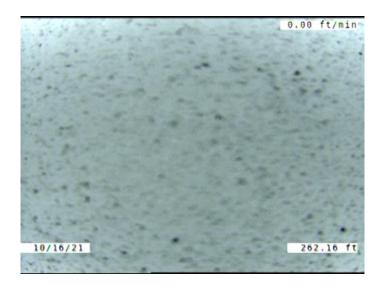
Description: Deposits Settled Fine

Distance (ft): 262.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:

Value Percent: 5.000
Continuous Index: F02
Within 8" of Joint: YES

Remarks:

2nd Value:



Code: JAM

Description: Joint Angular Medium

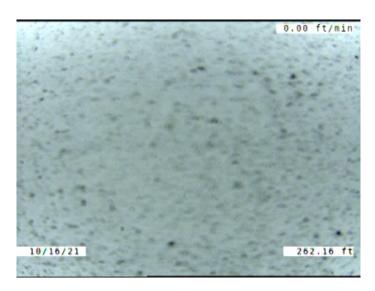
Distance (ft): 262.2 Structural Grade: 3 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F05 Within 8" of Joint: NO

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

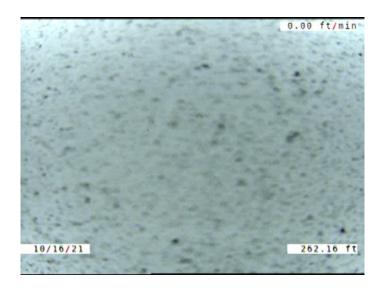
Distance (ft): 262.2 Structural Grade: 5 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 80.000 Continuous Index: F11 Within 8" of Joint: NO

Remarks:



Code: MCU

Description: Miscellaneous Camera Underwater

Distance (ft): 262.2
Structural Grade: 0
O&M Grade: 4

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F12
Within 8" of Joint: NO

Remarks:



Code: MSA

Description: Miscellaneous Survey Abandoned

Distance (ft): 262.2
Structural Grade: 0

O&M Grade: 0

Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks: CAMERA CANT SEE ANYMORE.
WATER NOT CLEAR ENOUGH TO CO