

# Profile/Photo Observation Report



Date:	<b>09/30/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>235.7</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Selasie Honu</b>	PSR:	<b>P-803-046-056</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>HIGH ST &amp; N KELLY ST</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Light Highway</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-803-046</b>	DS MH:	<b>M-804-056</b>
		Total Length Surveyed (ft):	<b>225.6</b>

O&M Index:	<b>1.00</b>	O&M Quick:	<b>1C00</b>	O&M Rating:	<b>24.00</b>
Structural Index:	<b>3.20</b>	Structural Quick:	<b>4D3L</b>	Structural Rating:	<b>323.00</b>
Overall Index:	<b>2.78</b>	Overall Quick:	<b>4D3L</b>	Overall Rating:	<b>347.00</b>

Position	Code	Observation	Video (sec)	Grade																																																																																															
<div> <div> <div>M-803-046</div> <div> <div>Camera Direction</div> <div></div> </div> </div> <table> <tr><td>.0</td><td>AMH</td><td>Manhole</td><td>10</td><td>NA</td></tr> <tr><td>.0</td><td>MWL</td><td>Water Level</td><td>21</td><td>NA</td></tr> <tr><td>7.3</td><td>FS</td><td>Fracture Spiral</td><td>47</td><td>S 3</td></tr> <tr><td>9.9</td><td>RFJ</td><td>Roots Fine Joint</td><td>64</td><td>M 1</td></tr> <tr><td>9.9</td><td>FC</td><td>Fracture Circumferential</td><td>76</td><td>S 2</td></tr> <tr><td>12.5</td><td>FM(S01)</td><td>Fracture Multiple</td><td>92</td><td>S 4</td></tr> <tr><td>32.1</td><td>RFJ</td><td>Roots Fine Joint</td><td>143</td><td>M 1</td></tr> <tr><td>41.1</td><td>FM(F01)</td><td>Fracture Multiple</td><td>173</td><td>S 4</td></tr> <tr><td>46.8</td><td>FM</td><td>Fracture Multiple</td><td>195</td><td>S 4</td></tr> <tr><td>48.6</td><td>FC</td><td>Fracture Circumferential</td><td>211</td><td>S 2</td></tr> <tr><td>50.4</td><td>FM</td><td>Fracture Multiple</td><td>226</td><td>S 4</td></tr> <tr><td>54.3</td><td>FM</td><td>Fracture Multiple</td><td>245</td><td>S 4</td></tr> <tr><td>56.7</td><td>FM</td><td>Fracture Multiple</td><td>262</td><td>S 4</td></tr> <tr><td>57.9</td><td>TF</td><td>Tap Factory</td><td>276</td><td>NA</td></tr> <tr><td>58.5</td><td>FS</td><td>Fracture Spiral</td><td>289</td><td>S 3</td></tr> <tr><td>60.7</td><td>FM</td><td>Fracture Multiple</td><td>305</td><td>S 4</td></tr> <tr><td>61.6</td><td>TF</td><td>Tap Factory</td><td>318</td><td>NA</td></tr> <tr><td>62.2</td><td>TF</td><td>Tap Factory</td><td>331</td><td>NA</td></tr> <tr><td>62.5</td><td>FC</td><td>Fracture Circumferential</td><td>343</td><td>S 2</td></tr> </table> </div>					.0	AMH	Manhole	10	NA	.0	MWL	Water Level	21	NA	7.3	FS	Fracture Spiral	47	S 3	9.9	RFJ	Roots Fine Joint	64	M 1	9.9	FC	Fracture Circumferential	76	S 2	12.5	FM(S01)	Fracture Multiple	92	S 4	32.1	RFJ	Roots Fine Joint	143	M 1	41.1	FM(F01)	Fracture Multiple	173	S 4	46.8	FM	Fracture Multiple	195	S 4	48.6	FC	Fracture Circumferential	211	S 2	50.4	FM	Fracture Multiple	226	S 4	54.3	FM	Fracture Multiple	245	S 4	56.7	FM	Fracture Multiple	262	S 4	57.9	TF	Tap Factory	276	NA	58.5	FS	Fracture Spiral	289	S 3	60.7	FM	Fracture Multiple	305	S 4	61.6	TF	Tap Factory	318	NA	62.2	TF	Tap Factory	331	NA	62.5	FC	Fracture Circumferential	343	S 2
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64.4	RFJ	Roots Fine Joint	358	M 1
64.4	FM	Fracture Multiple	369	S 4
68.4	FS	Fracture Spiral	389	S 3
70.7	FL	Fracture Longitudinal	405	S 3
70.9	FM	Fracture Multiple	417	S 4
74.6	FS	Fracture Spiral	436	S 3
78.7	FL	Fracture Longitudinal	455	S 3
78.7	FL	Fracture Longitudinal	466	S 3
78.7	FL	Fracture Longitudinal	478	S 3
80.4	FL	Fracture Longitudinal	493	S 3
80.4	FL	Fracture Longitudinal	504	S 3
82.7	FL	Fracture Longitudinal	520	S 3
82.7	FL	Fracture Longitudinal	532	S 3
88.5	FL	Fracture Longitudinal	555	S 3
90.4	FS	Fracture Spiral	570	S 3
92.7	FL	Fracture Longitudinal	586	S 3
94.5	FC	Fracture Circumferential	602	S 2
98.4	FL	Fracture Longitudinal	621	S 3
99.9	TF	Tap Factory	635	NA
102.6	LFB	Lining Failure Blistered	652	S 3
110.4	RFJ	Roots Fine Joint	679	M 1
110.4	FL	Fracture Longitudinal	691	S 3
110.4	FL	Fracture Longitudinal	702	S 3
110.4	FL	Fracture Longitudinal	713	S 3
112.1	FL	Fracture Longitudinal	728	S 3
112.1	FL	Fracture Longitudinal	739	S 3
114.2	RFJ	Roots Fine Joint	755	M 1
114.2	FL	Fracture Longitudinal	766	S 3
114.2	FL	Fracture Longitudinal	777	S 3
114.2	FL	Fracture Longitudinal	788	S 3
114.2	FL	Fracture Longitudinal	799	S 3
114.5	FL	Fracture Longitudinal	811	S 3
115.8	TF	Tap Factory	825	NA
116.5	FM	Fracture Multiple	838	S 4
118.4	FL	Fracture Longitudinal	853	S 3
120.6	FS	Fracture Spiral	869	S 3
122.6	FL	Fracture Longitudinal	885	S 3
122.6	FS	Fracture Spiral	896	S 3
124.1	RFJ	Roots Fine Joint	911	M 1
124.3	FS	Fracture Spiral	923	S 3
125.8	RFJ	Roots Fine Joint	937	M 1
128.1	RFJ	Roots Fine Joint	953	M 1

128.5	FL	Fracture Longitudinal	965	S 3
130.2	FM	Fracture Multiple	980	S 4
131.9	RFJ	Roots Fine Joint	995	M 1
132.4	FL	Fracture Longitudinal	1007	S 3
132.4	FS	Fracture Spiral	1018	S 3
134.0	FM	Fracture Multiple	1033	S 4
134.0	RFJ	Roots Fine Joint	1044	M 1
136.1	RFJ	Roots Fine Joint	1060	M 1
136.1	FL	Fracture Longitudinal	1071	S 3
137.7	RFJ	Roots Fine Joint	1086	M 1
138.6	FS	Fracture Spiral	1099	S 3
138.6	FL	Fracture Longitudinal	1111	S 3
140.6	FL	Fracture Longitudinal	1127	S 3
142.1	RFJ	Roots Fine Joint	1142	M 1
142.1	FL	Fracture Longitudinal	1153	S 3
142.1	FL	Fracture Longitudinal	1164	S 3
146.3	FM	Fracture Multiple	1184	S 4
146.3	RFJ	Roots Fine Joint	1195	M 1
148.2	FM	Fracture Multiple	1210	S 4
150.1	RFJ	Roots Fine Joint	1225	M 1
153.9	RFJ	Roots Fine Joint	1244	M 1
154.6	FL	Fracture Longitudinal	1257	S 3
154.6	FL	Fracture Longitudinal	1269	S 3
154.6	FL	Fracture Longitudinal	1280	S 3
156.4	RFJ	Roots Fine Joint	1295	M 1
156.4	FM	Fracture Multiple	1306	S 4
158.2	RFJ	Roots Fine Joint	1321	M 1
158.2	FM	Fracture Multiple	1332	S 4
160.3	RFJ	Roots Fine Joint	1348	M 1
160.4	FL	Fracture Longitudinal	1360	S 3
160.4	FL	Fracture Longitudinal	1371	S 3
160.4	FL	Fracture Longitudinal	1382	S 3
162.6	FS	Fracture Spiral	1398	S 3
164.6	FL	Fracture Longitudinal	1414	S 3
164.6	FL	Fracture Longitudinal	1425	S 3
164.6	FL	Fracture Longitudinal	1436	S 3
166.7	FL	Fracture Longitudinal	1452	S 3
166.7	FL	Fracture Longitudinal	1463	S 3
166.7	FL	Fracture Longitudinal	1475	S 3
168.4	RFJ	Roots Fine Joint	1490	M 1
168.4	FM	Fracture Multiple	1501	S 4
170.4	TF	Tap Factory	1516	NA

170.4	FL	Fracture Longitudinal	1528	S 3
170.4	FL	Fracture Longitudinal	1539	S 3
172.4	FM	Fracture Multiple	1554	S 4
176.2	RFJ	Roots Fine Joint	1573	M 1
176.2	FM	Fracture Multiple	1584	S 4
178.3	RFJ	Roots Fine Joint	1600	M 1
178.3	TF	Tap Factory	1611	NA
182.6	FS	Fracture Spiral	1631	S 3
184.5	FS	Fracture Spiral	1647	S 3
184.5	FS	Fracture Spiral	1658	S 3
184.5	RFJ	Roots Fine Joint	1669	M 1
188.5	FM	Fracture Multiple	1688	S 4
192.6	FS	Fracture Spiral	1708	S 3
192.6	FS	Fracture Spiral	1719	S 3
194.7	FM	Fracture Multiple	1735	S 4
196.7	FS	Fracture Spiral	1750	S 3
196.7	FL	Fracture Longitudinal	1762	S 3
196.7	FL	Fracture Longitudinal	1773	S 3
196.9	RFJ	Roots Fine Joint	1785	M 1
200.7	FC	Fracture Circumferential	1804	S 2
202.7	FL	Fracture Longitudinal	1820	S 3
204.5	FC	Fracture Circumferential	1835	S 2
206.4	FC	Fracture Circumferential	1850	S 2
208.6	FM	Fracture Multiple	1867	S 4
210.9	FL	Fracture Longitudinal	1883	S 3
210.9	FL	Fracture Longitudinal	1894	S 3
216.7	FM	Fracture Multiple	1917	S 4
225.6	AMH	Manhole	1947	NA

M-804-056

Code: **AMH**  
Description: **Manhole**



Distance (ft): **.0**  
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: **M-803-046**

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Code: **MWL**  
Description: **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:

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Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **7.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

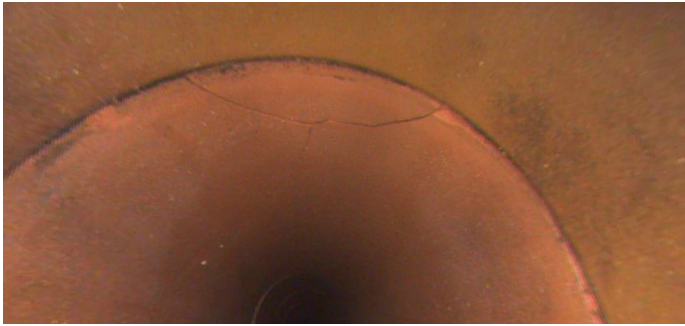
---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **9.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

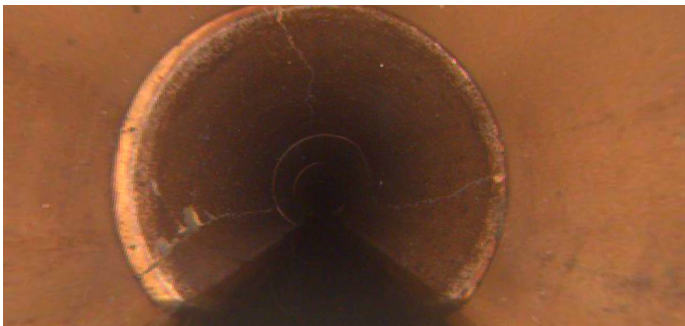
Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **9.9**  
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: **YES**  
Remarks:

---

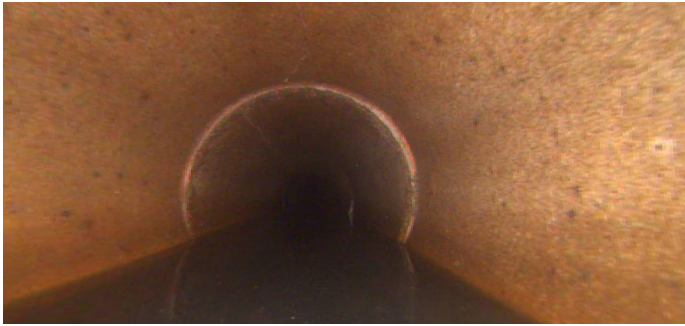
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **12.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **32.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

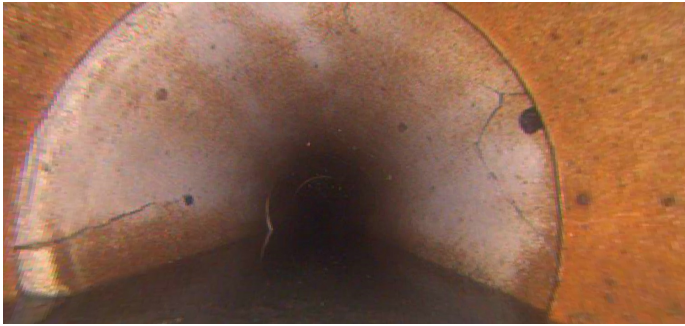
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **41.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **46.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

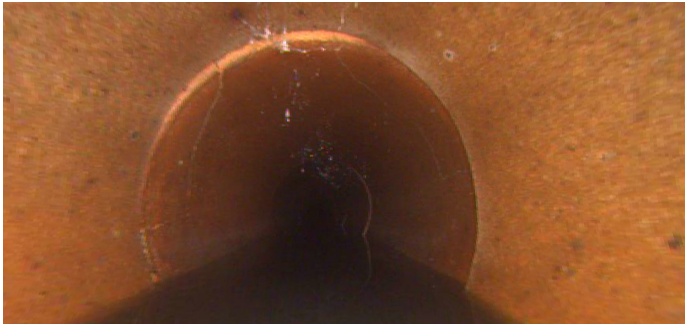
---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **48.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

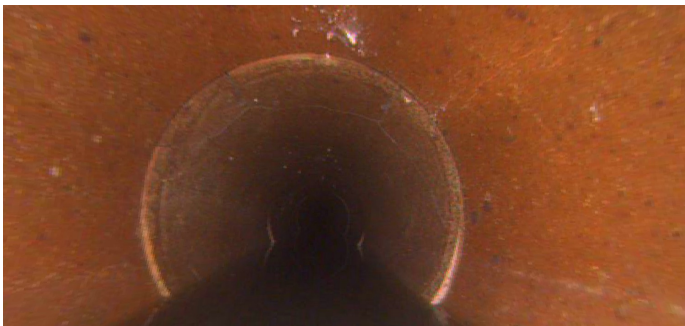
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **50.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

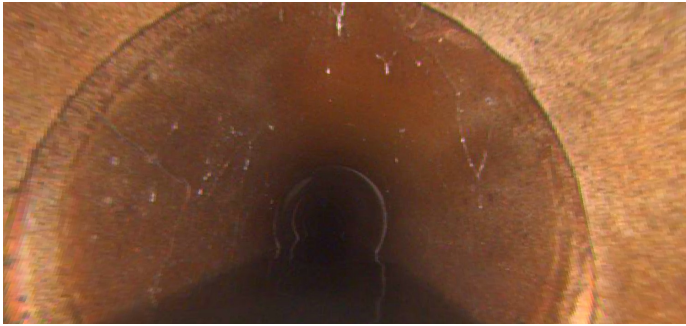
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **54.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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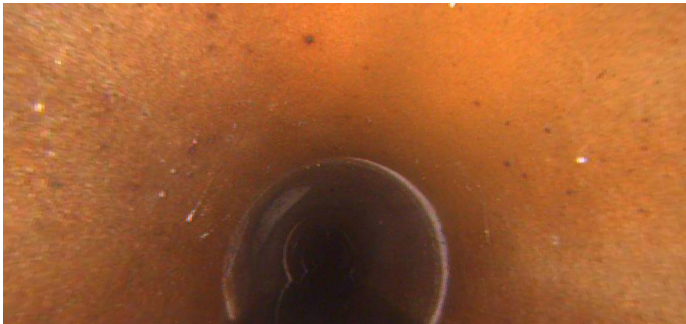
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **56.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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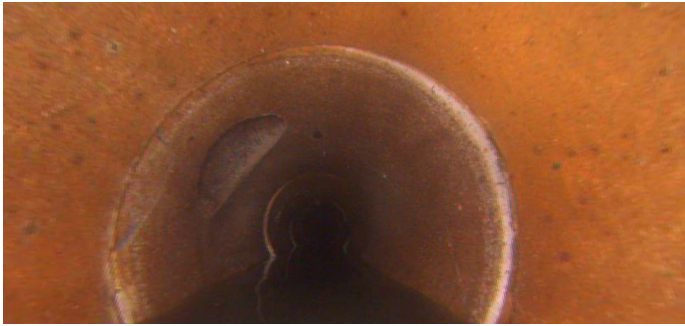
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **57.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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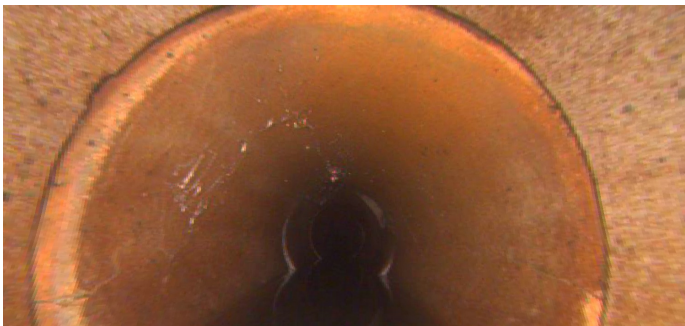
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **58.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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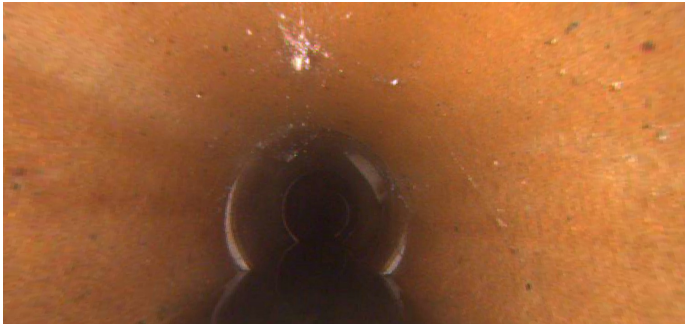
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **60.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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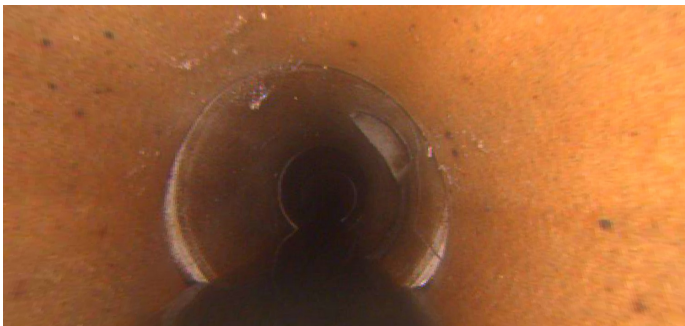
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **61.6**  
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:  
Remarks:

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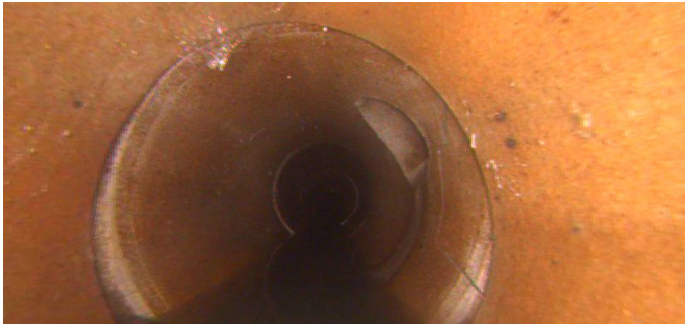
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **62.2**  
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:  
Remarks:

---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **62.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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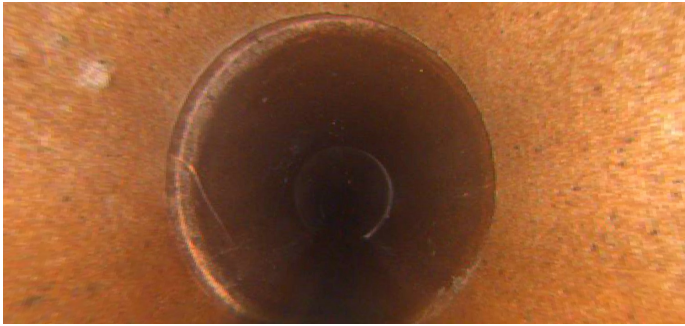
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **64.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **64.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

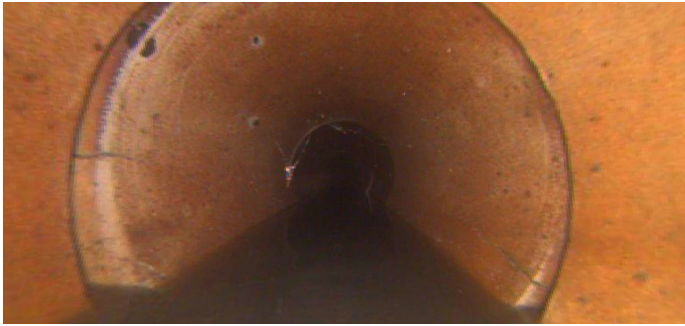
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **68.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **70.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

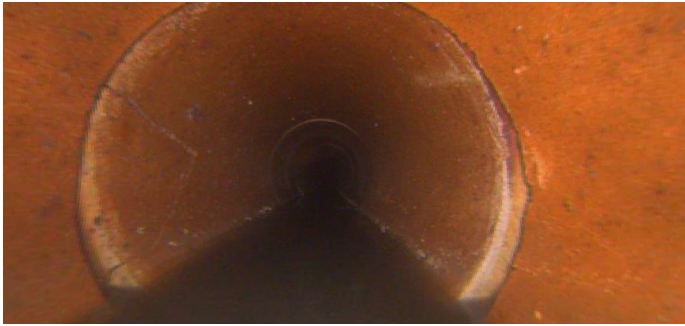
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **70.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **74.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **78.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **78.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **78.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **80.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **80.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **82.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

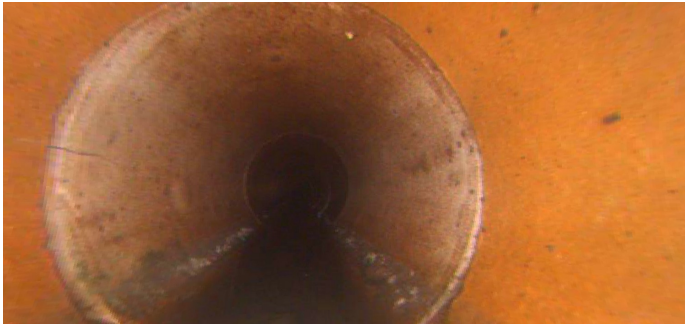
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **82.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **88.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

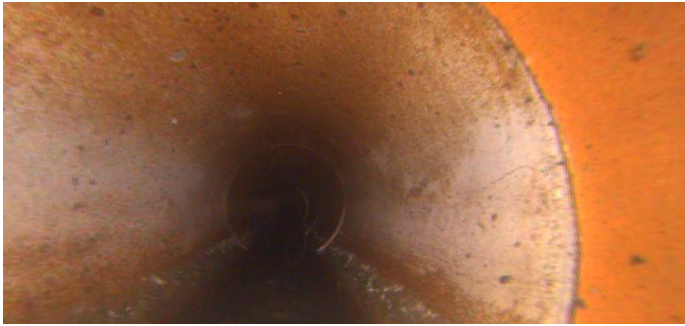
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **90.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **92.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **94.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **98.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

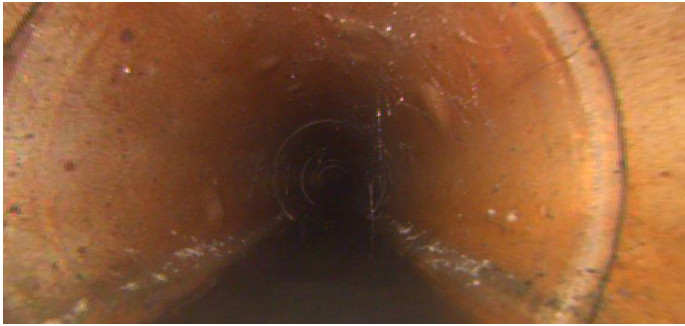
---

Code: **TF**  
Description: **Tap Factory**



Distance (ft): **99.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

Code: **LFB**  
Description: **Lining Failure Blistered**



Distance (ft): **102.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

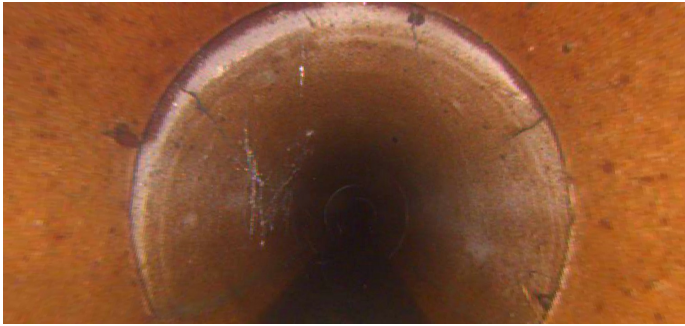
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **110.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **110.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

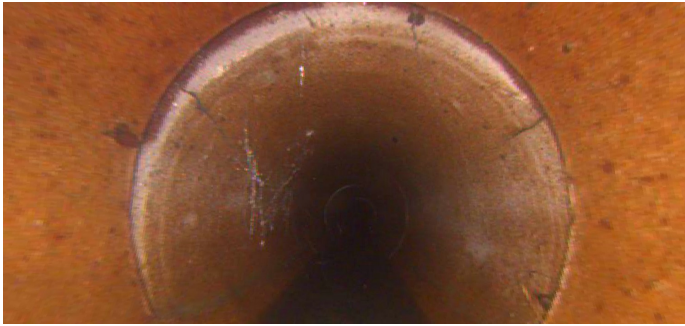
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **110.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **110.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **112.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **112.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **114.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **114.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

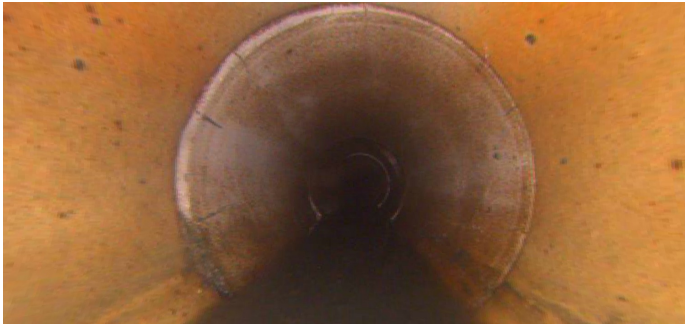
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **114.2**  
Structural Grade: **3**  
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: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **114.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **114.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **114.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

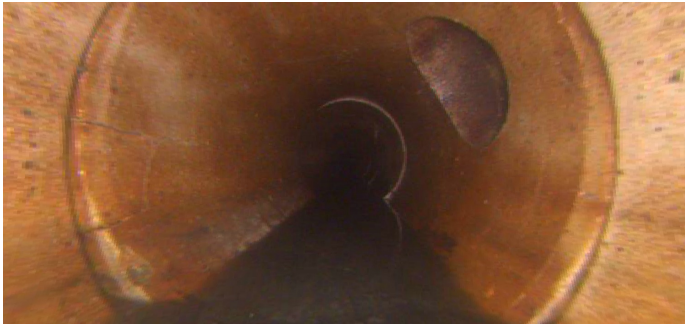
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **115.8**  
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:  
Remarks:

---

Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **116.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

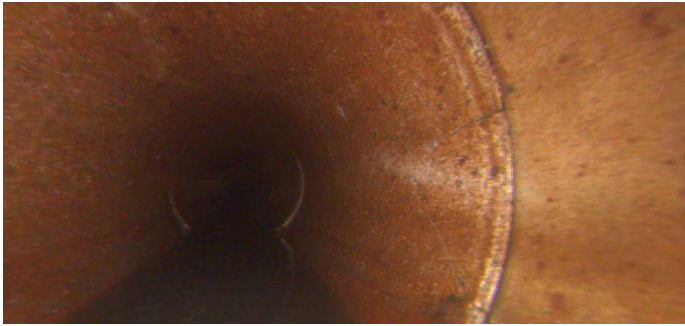
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **118.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **120.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **122.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **122.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **124.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **124.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **125.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **128.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **128.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

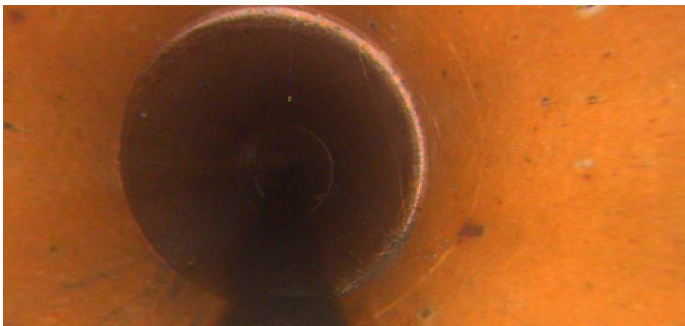
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **130.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

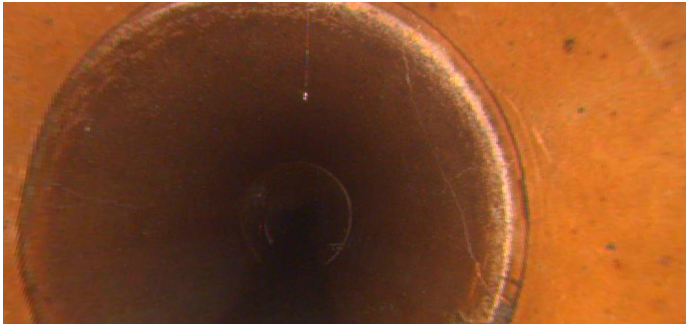
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **131.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

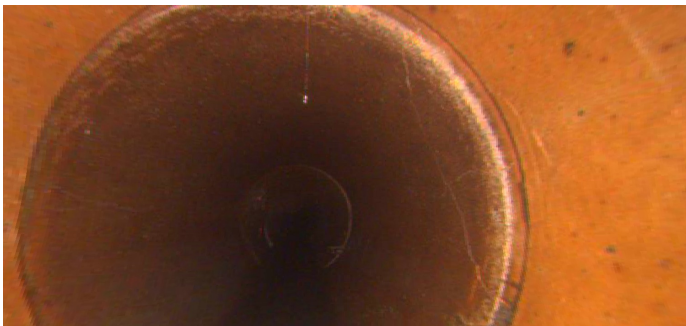
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **132.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

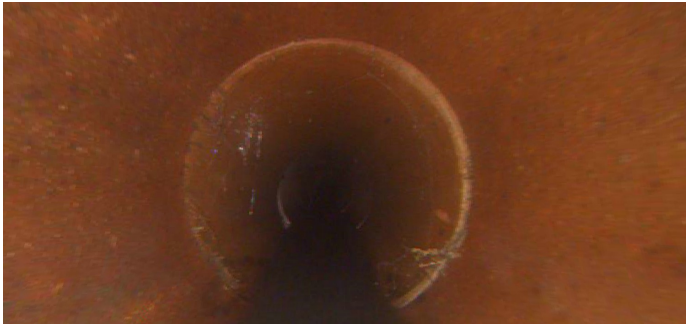
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **132.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

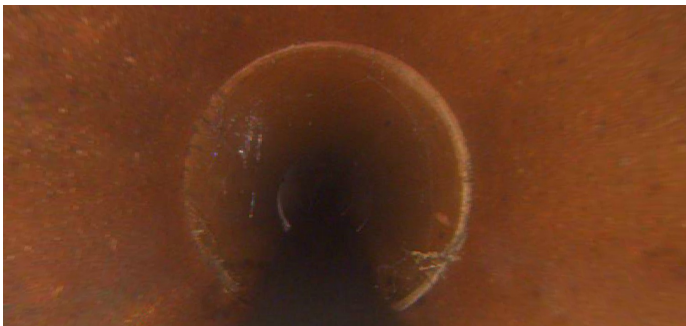
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **134.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

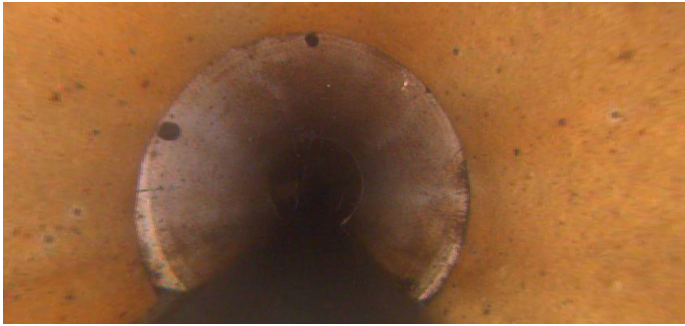
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **134.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **136.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

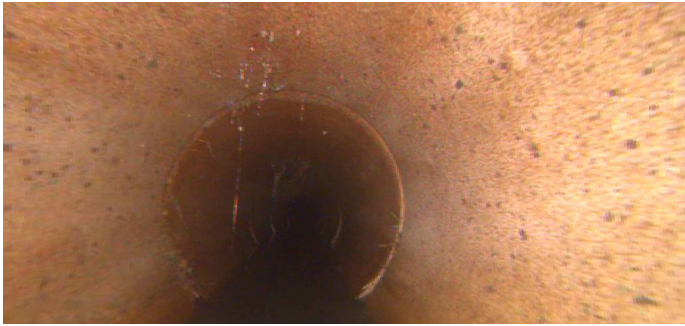
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **136.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

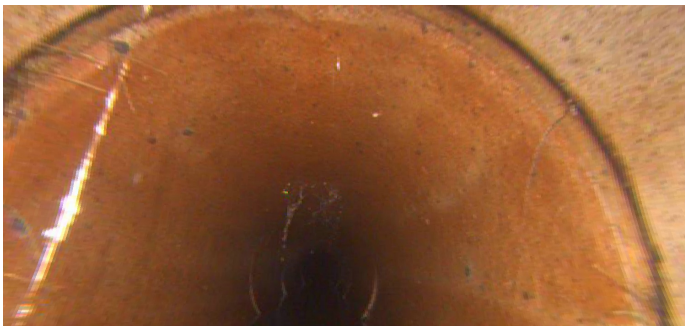
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **137.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

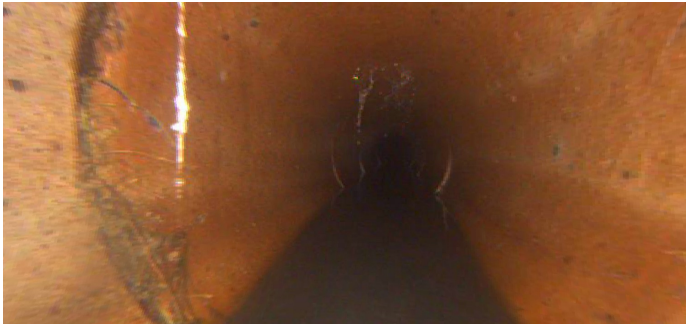
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **138.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

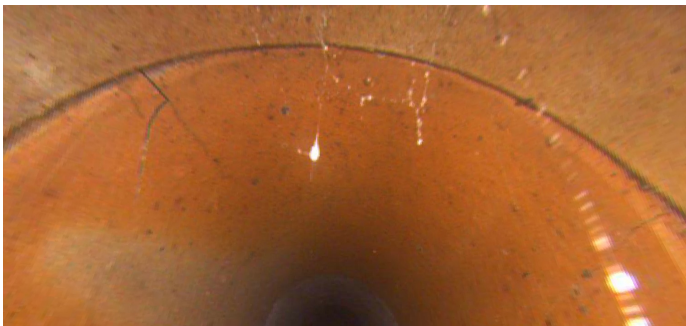
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **138.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **140.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **142.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

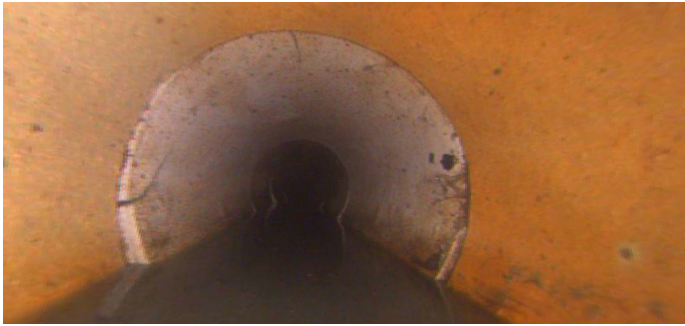
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **142.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

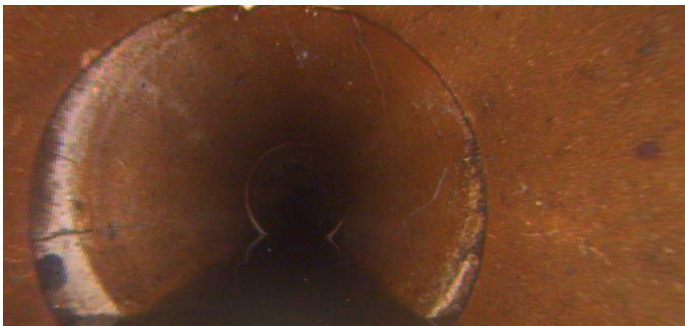
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **142.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

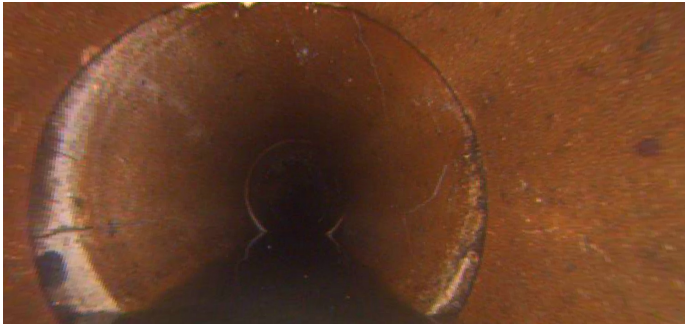
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **146.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

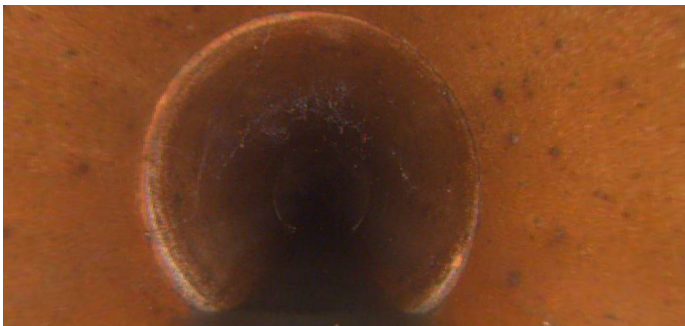
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **146.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

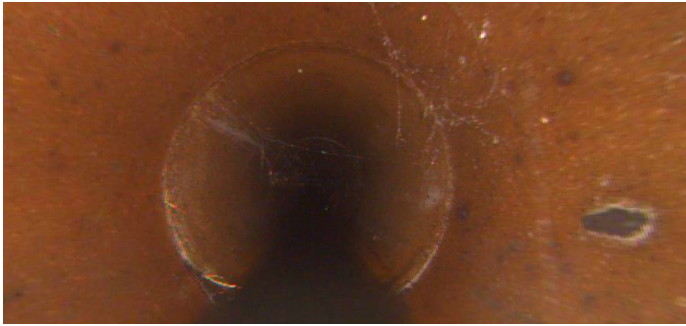
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **148.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

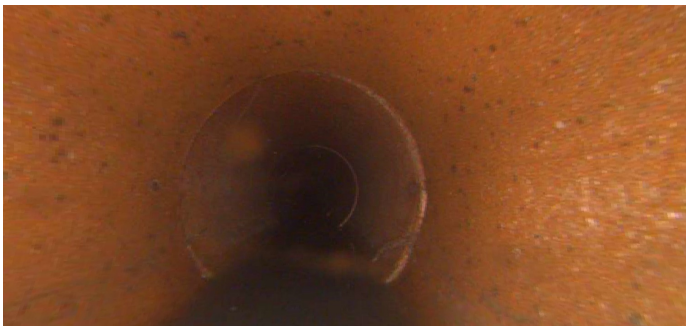
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **150.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

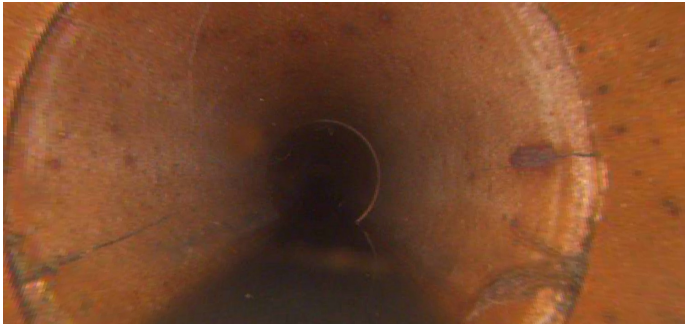
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **153.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **154.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

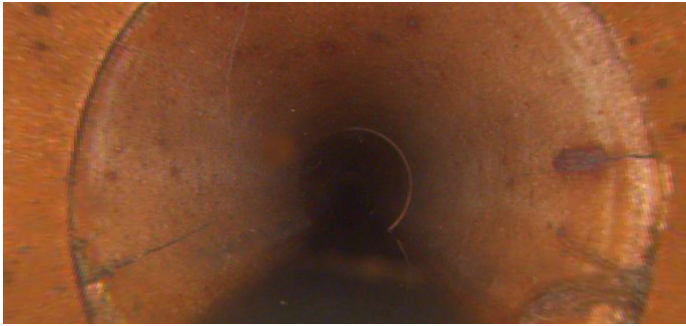
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **154.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

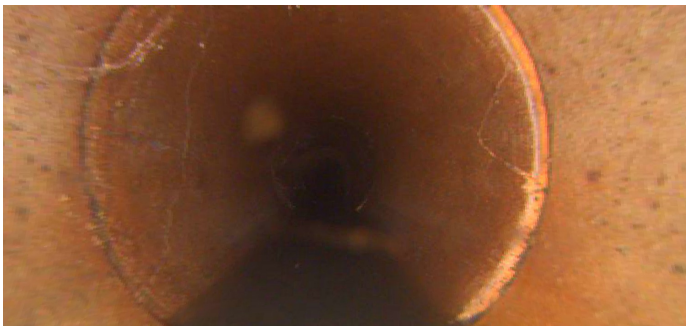
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **154.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

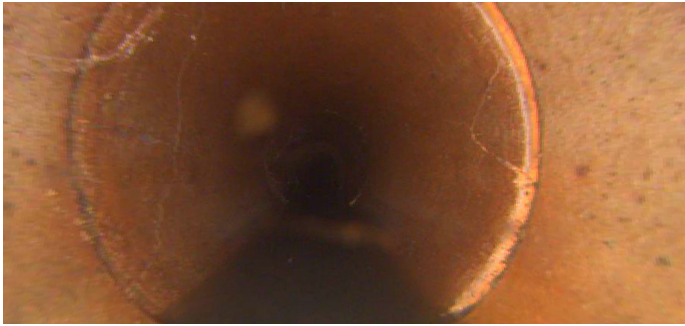
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **156.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **156.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

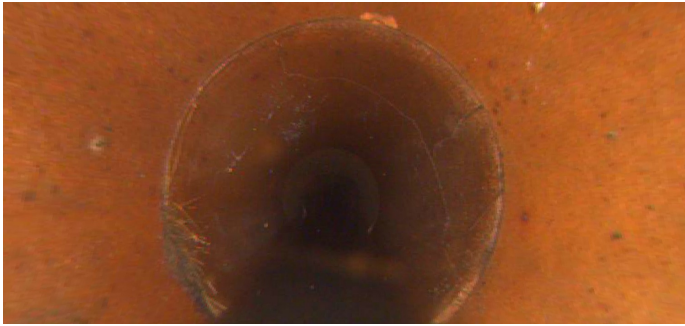
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **158.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

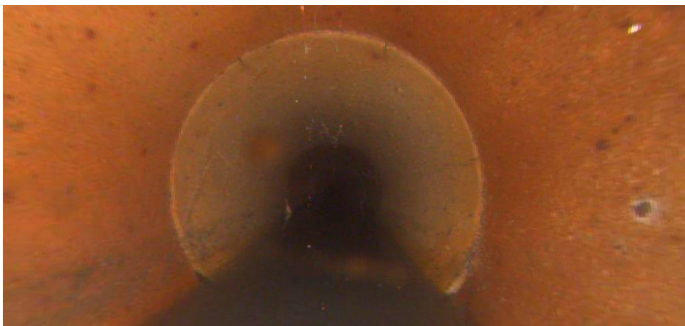
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **158.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

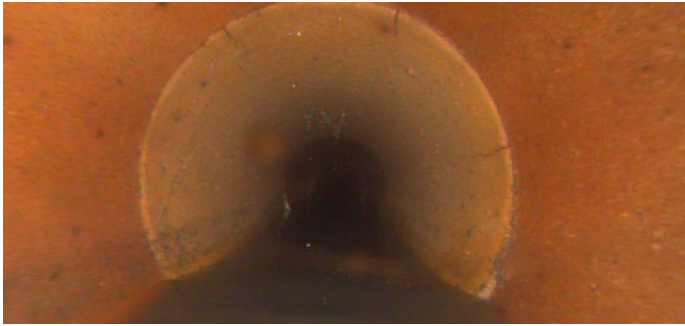
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **160.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

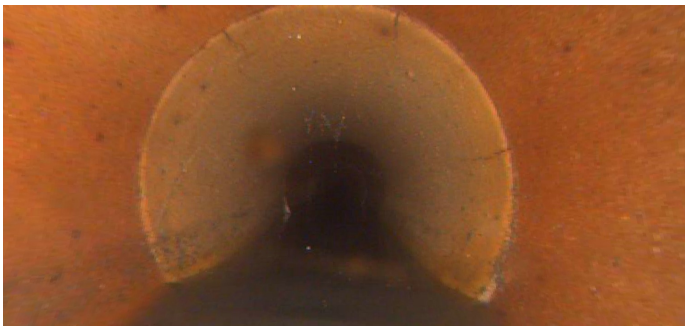
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **160.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

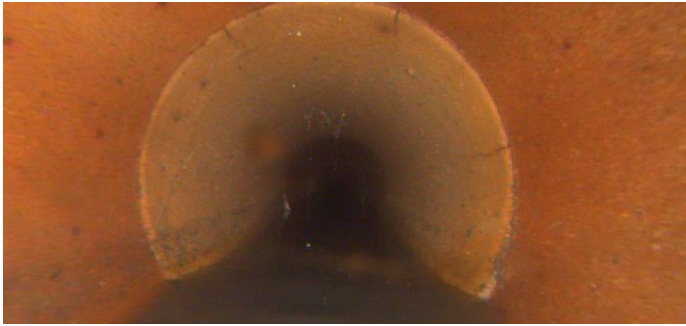
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **160.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

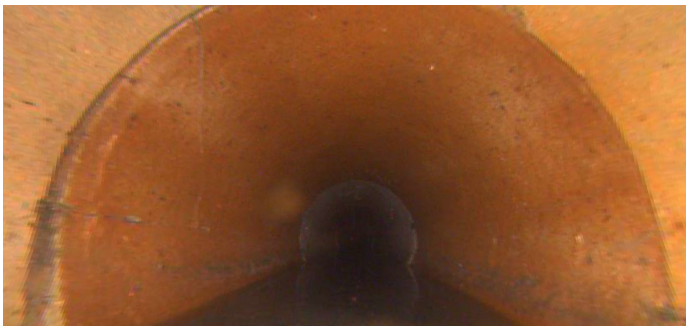
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **160.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

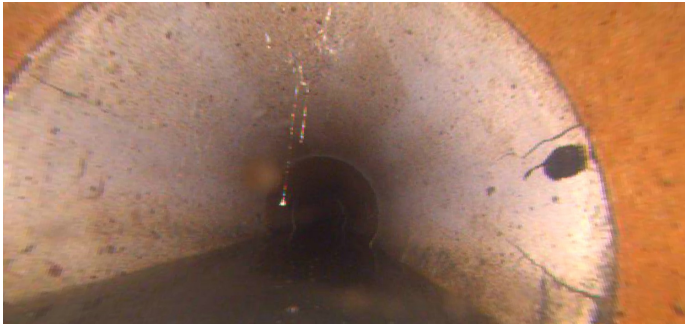
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **162.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **164.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

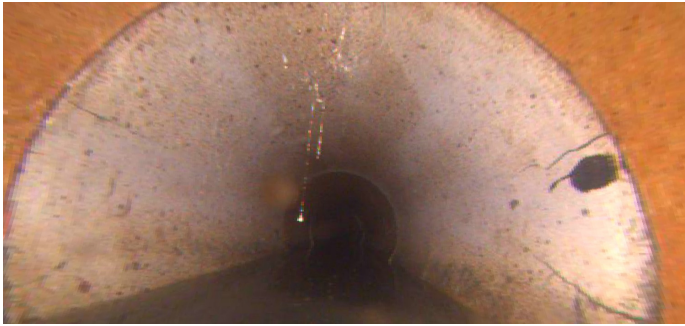
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **164.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

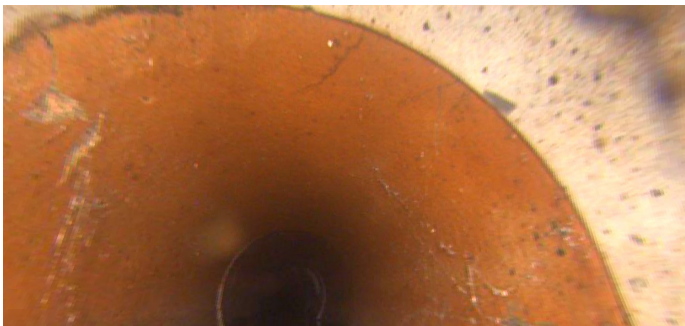
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **164.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

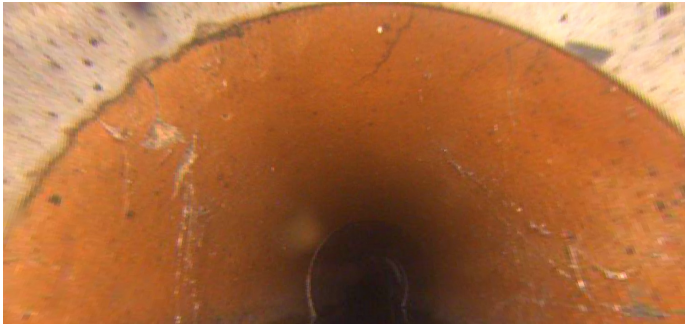
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **166.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **166.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **166.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **168.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

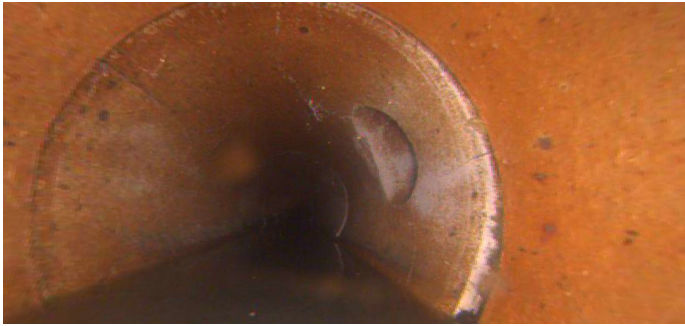
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **168.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **TF**  
Description: **Tap Factory**



Distance (ft): **170.4**  
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:  
Remarks:

---

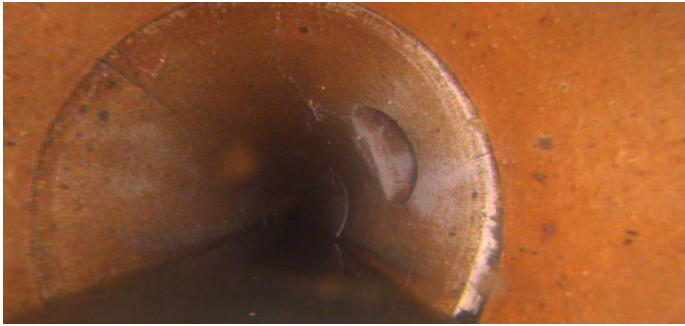
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **170.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

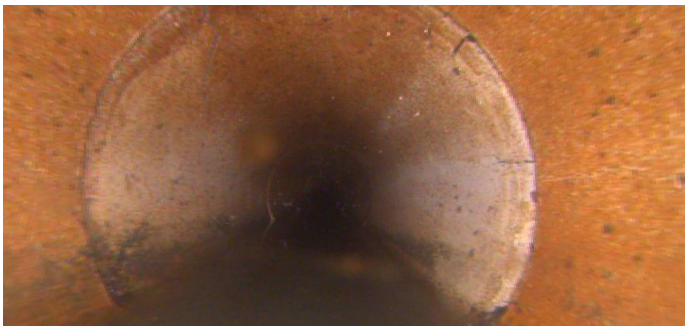
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **170.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

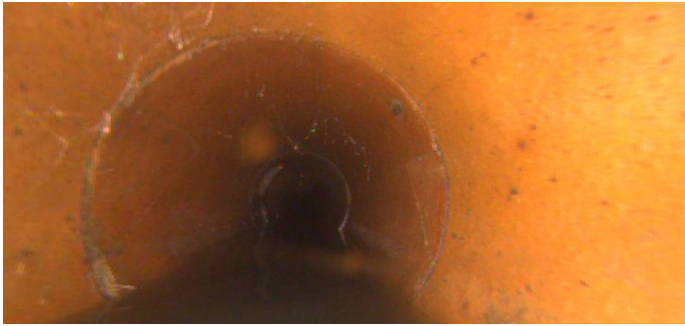
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **172.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

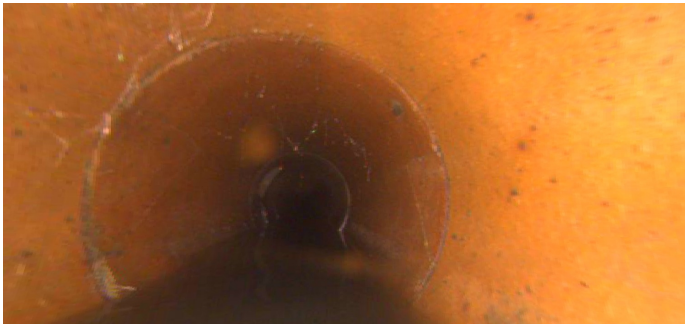
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **176.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

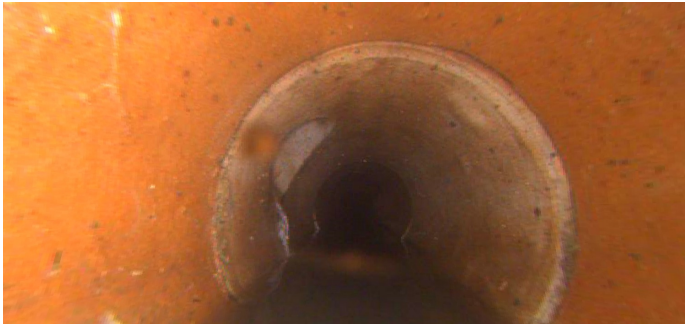
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **176.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **178.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **TF**  
Description: **Tap Factory**



Distance (ft): **178.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **182.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

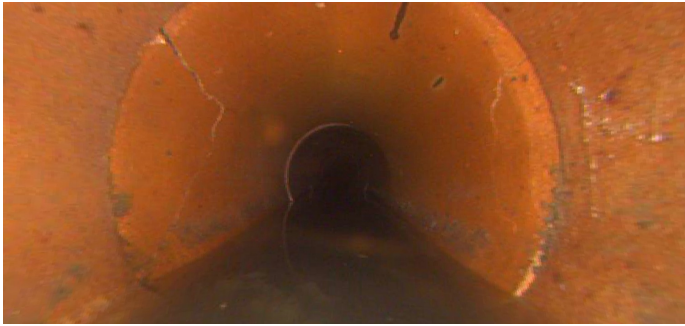
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **184.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **184.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

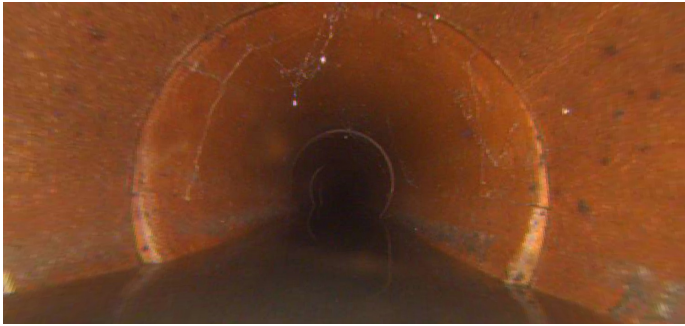
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **184.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **188.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

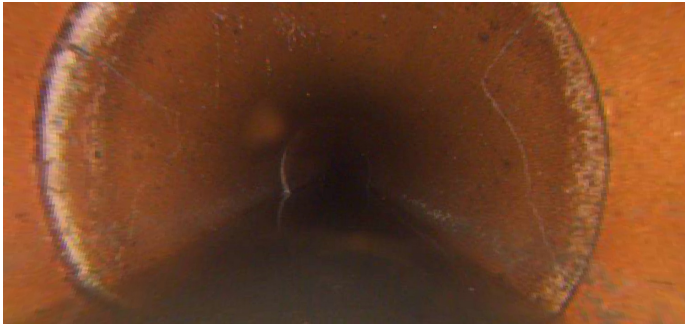
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **192.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **192.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

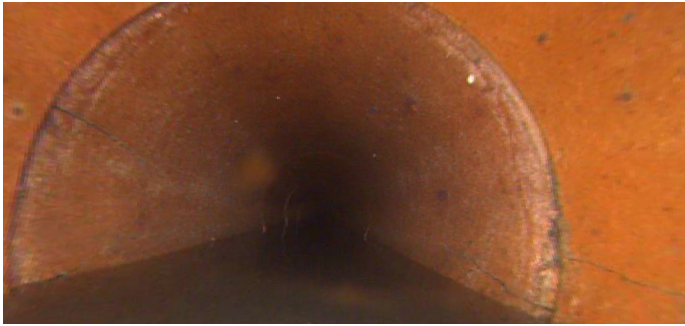
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **194.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **196.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

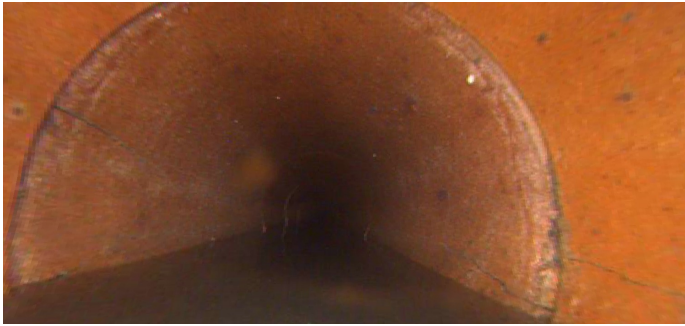
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **196.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **196.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **196.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

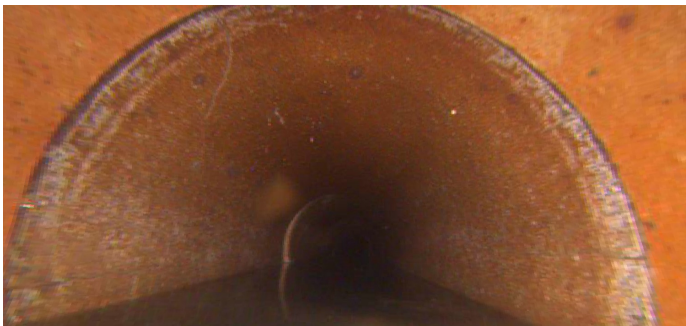
Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **200.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

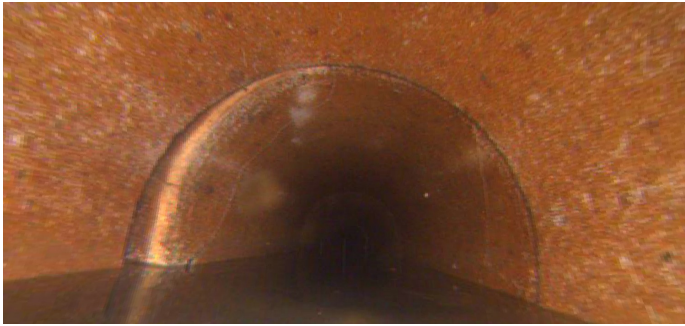
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **202.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **204.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **206.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

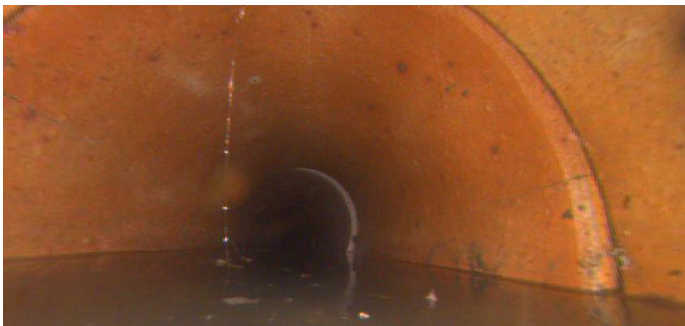
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **208.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

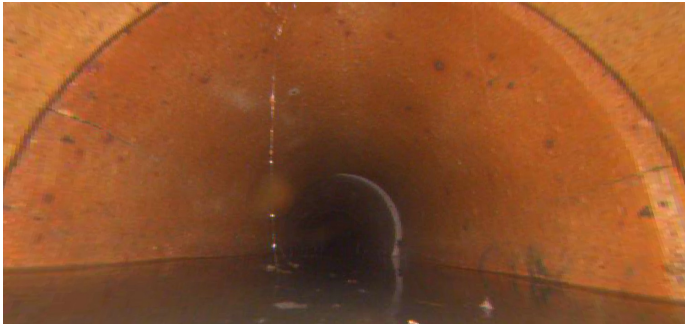
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **210.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **210.9**  
Structural Grade: **3**  
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: **FM**  
Description: **Fracture Multiple**



Distance (ft): **216.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>225.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-804-056</b>