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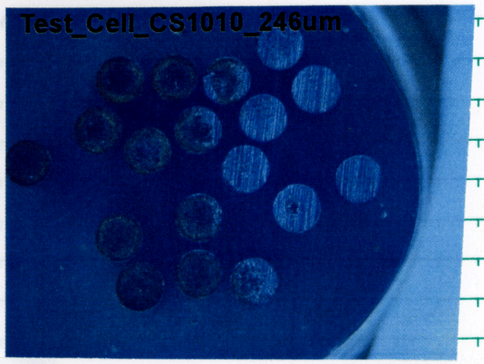
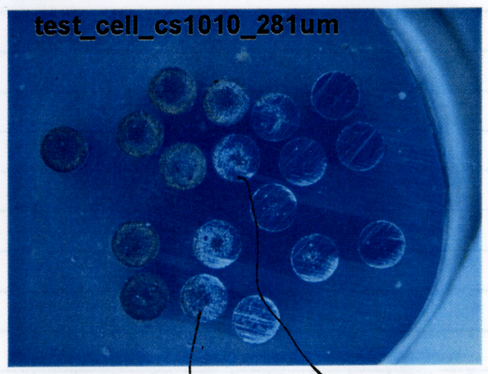
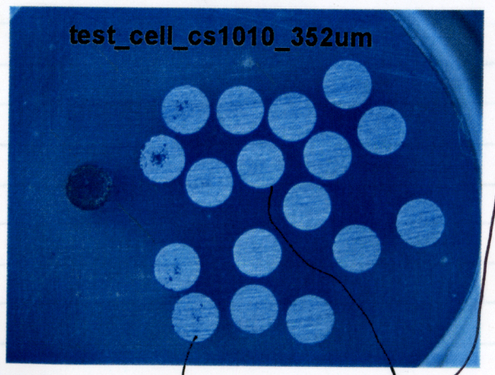
polishing with home made micrometer:
and measurement of
Depth.





281 − 246 = 35um.



depth
352 − 246 = 106 μ

352 − 281 = 71 μ

depth = 71 ∠ 106

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		Recorded by J. Yes.	9/30/02

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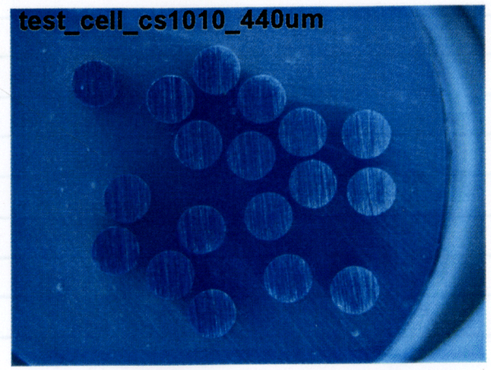

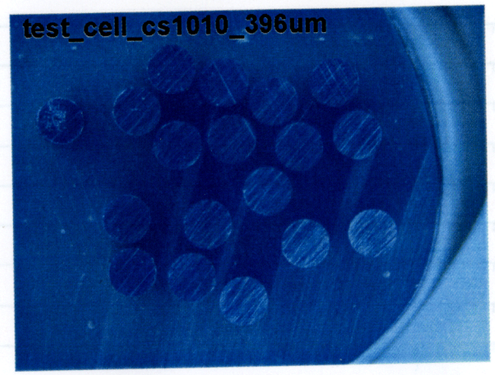

The max. depth is about
106 μm.

Calculated cumulative depth is 155 μm. (see page 41).

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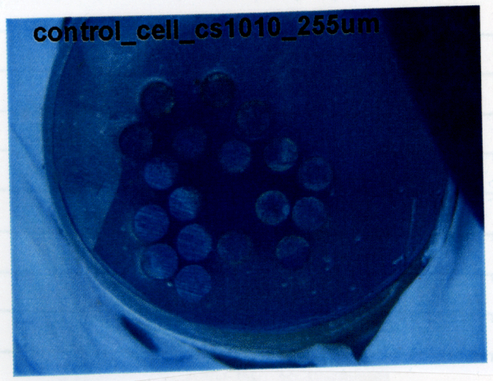
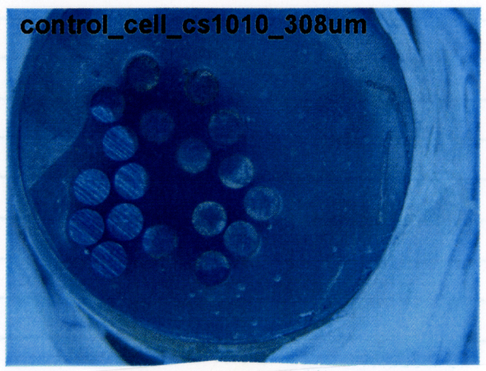
		Recorded by J. Yes.	9/30/02

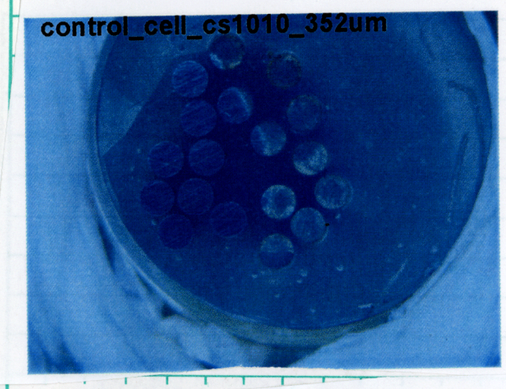
control_cell_cs1010_255um



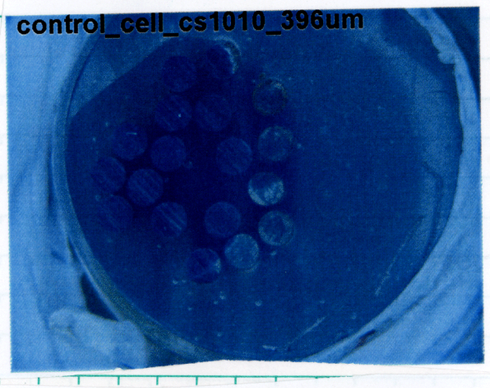
control_cell_cs1010_308um



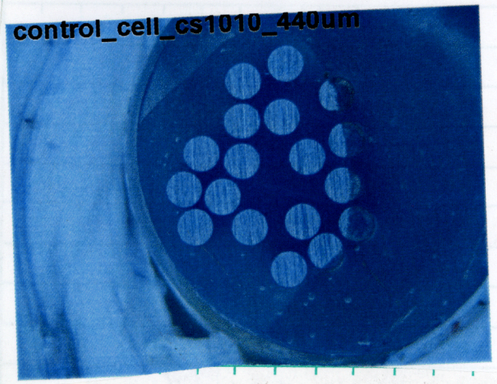
control_cell_cs1010_352um



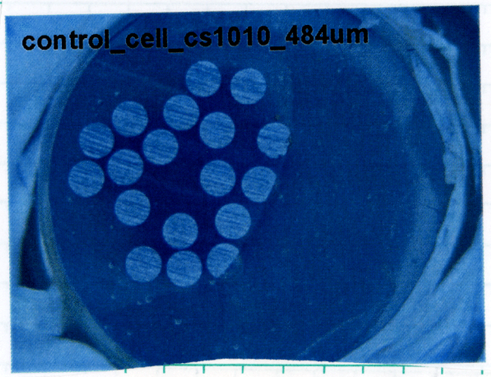
control_cell_cs1010_396um



control_cell_cs1010_440um



control_cell_cs1010_484um



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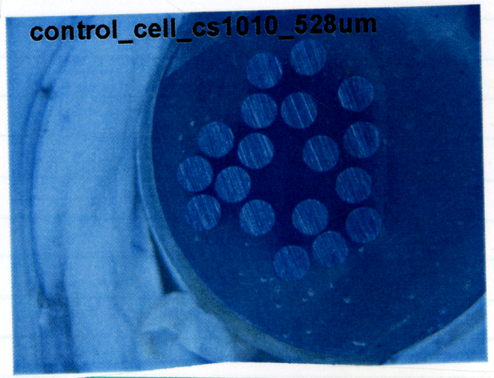
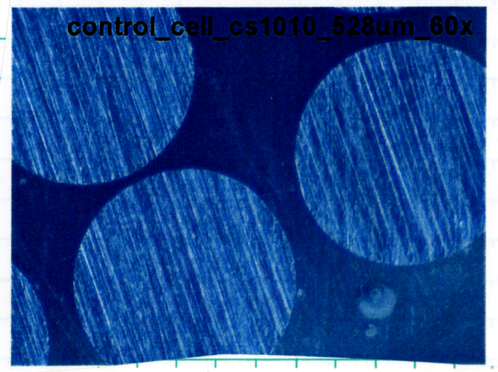
control_cell_cs1010_528um



control_cell_cs1010_528um_60x



Depth not detectable with the home-made micrometer.

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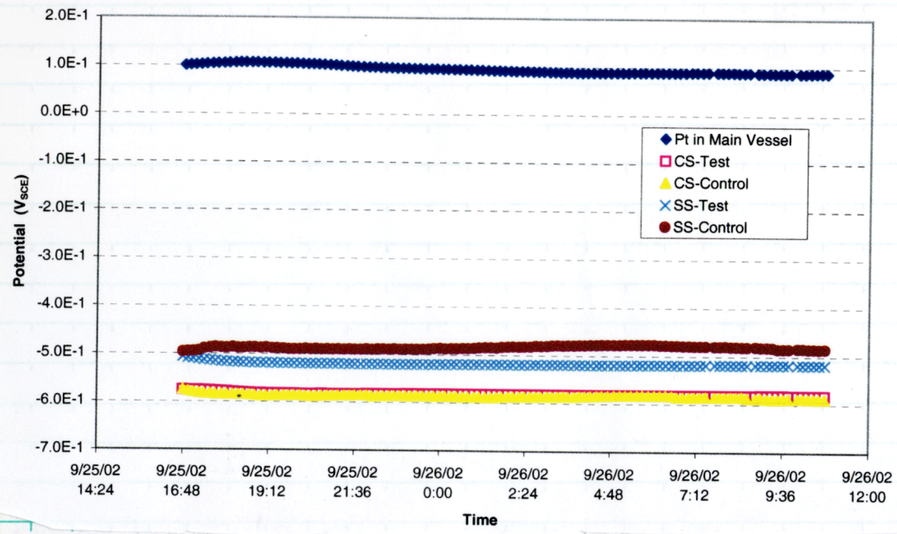
File: 02_0905a00_0926a00_MIC_Potential
Source Data File: 02_0905a00_0926a00_MIC

Potential, V(SCE)

Sensors	Chan#	133	134	135	136	138
		Pt in Main Vessel	CS-Test	CS-Control	SS-Test	SS-Control
9/25/2002 16:48		0.09952983	-0.5755116	-0.57425318	-0.50616806	-0.49648385



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J. Yeager

10/04/02

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Recorded by J. Yeager

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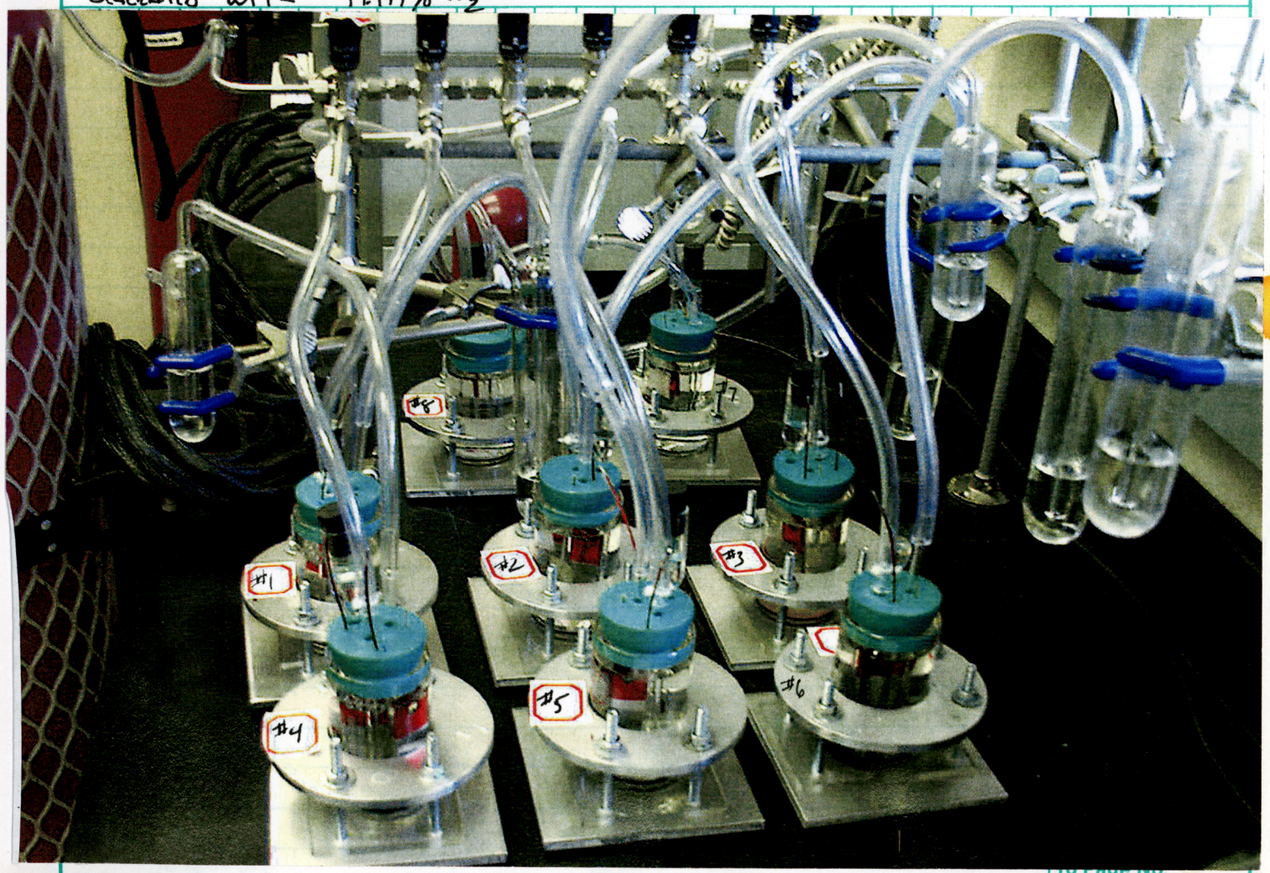
Mic Testing In Multi Specimen Cells

Specimens:
- 316L Heat: B84438
- 316L Heat: B84438 Welded
- C-22 Heat: XX0689 BG
- C-22 Heat: XX0689 BG Welded
- 516 GR60 Heat: E44794
- 516 GR60 Heat: E44794 Welded

Added: 304 To Testing 10/7/02 single Specimens In Test Cell Heat # R254

Solution 0.5 M NaCl
58.48 g NaCl Lot # 020814
+ DI water To 2000mls

Deaerated with 99.999% N_2



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Recorded by

Project No._____
Book No._____ TITLE _____

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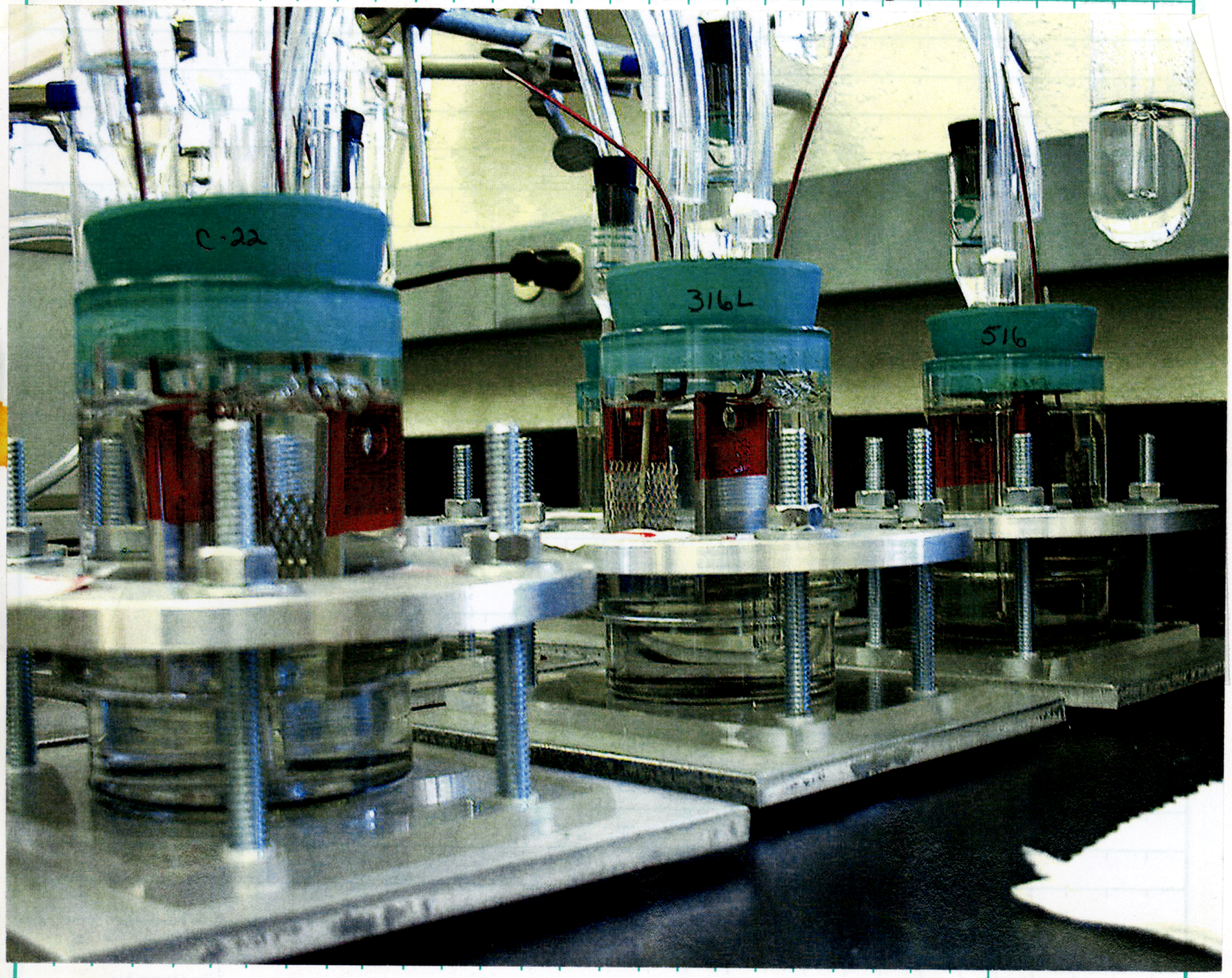
Mic Testing In Multi Specimen Cells

Close Up Picture of Test Cells

Temperature : 23°C

Potentiostat : Solartron 1480 multichannel

All cells Have Double Specimens Except 304 which were Added on 10/2/02
References : Fisher 13-620-52 SN# 0249135 And SN# 0249090



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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by	10/2/02