

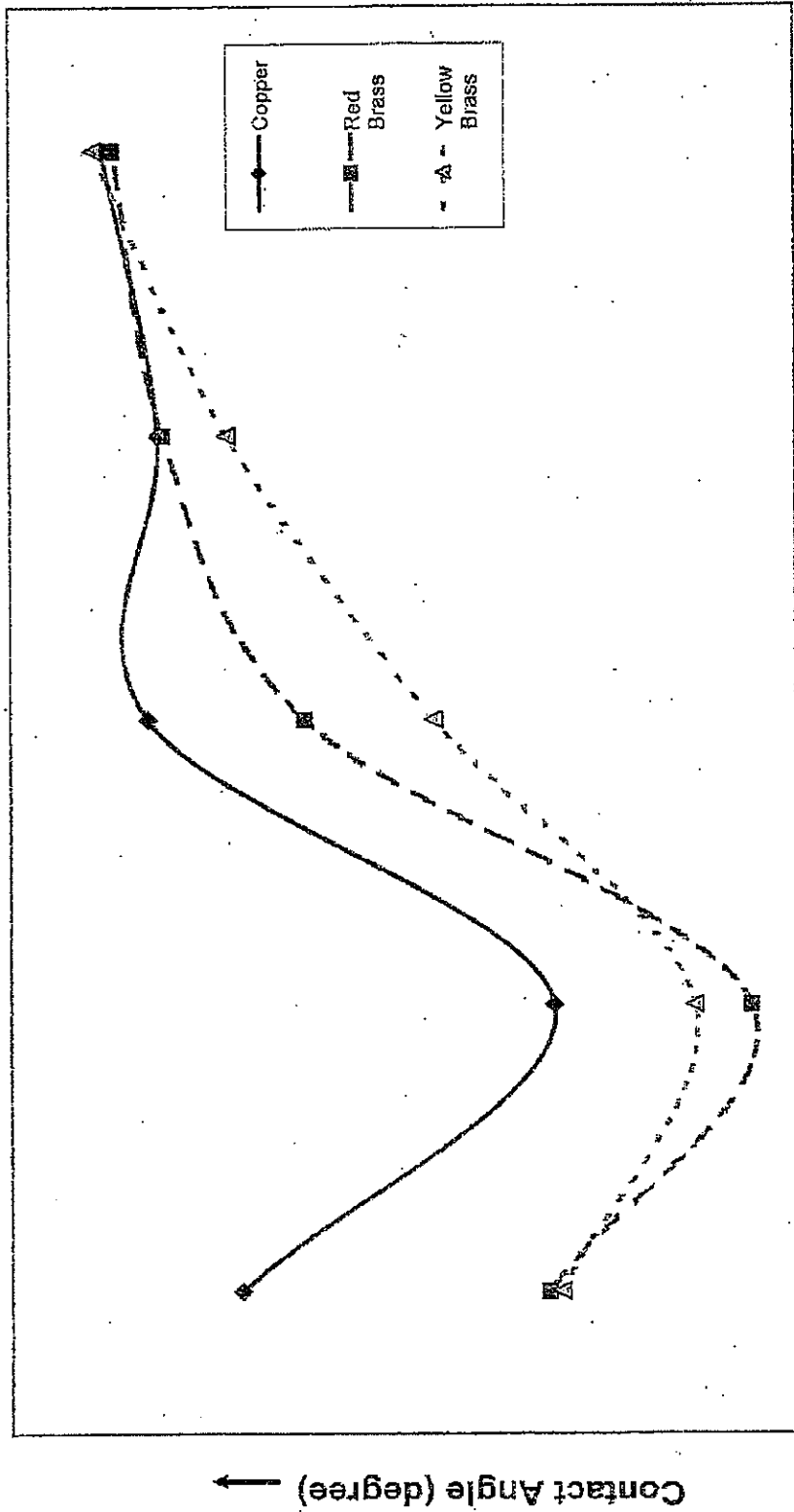


FIG. 1

Cu (wt. %)	Alloy	Process 1	CA @ 60 sec.				Ra
			Process 2	Process 2	Commercial w/BTA	Commercial w/TTA	
99.994	Copper	74.33	46.54	82.64	81.70	86.04	12.25
94.738	Red Brass	46.98	29.02	68.75	81.30	85.05	19.51
69.930	Yellow Brass	45.94	34.07	57.24	75.57	85.05	10.05

Revised
Date: 5/16/07

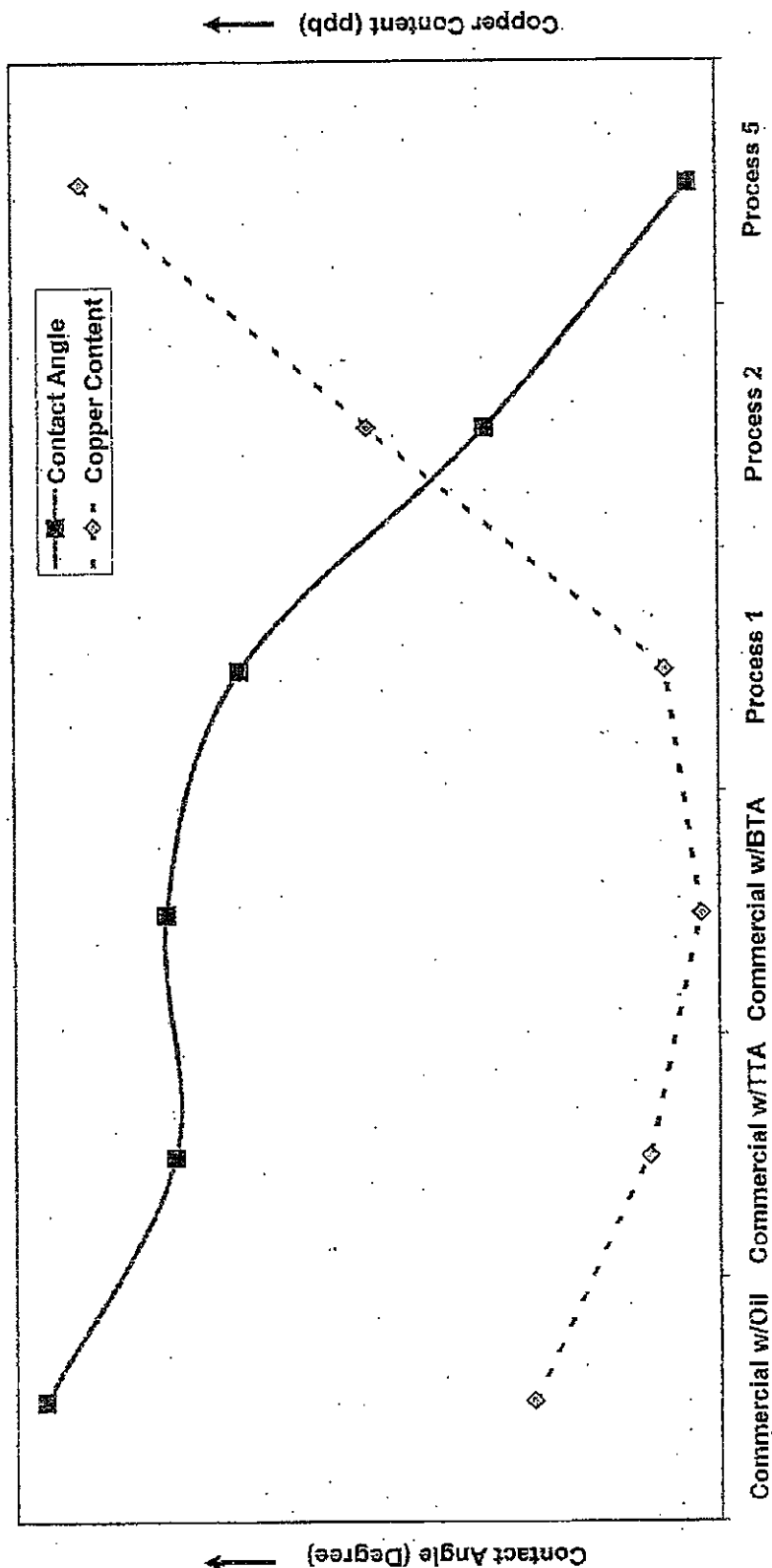


FIG. 2
Copper Content vs. Contact Angle
Alloy : C110 / Surface Roughness : ~10 µinch

Date: 5/03/07

Method	Commercial w/Oil	Commercial w/TTA	Commercial w/BTA	Process 1	Process 2	Process 5
Copper Content	296.73	75.32	227.33	1,498.15	2,708.55	23.21
Contact Angle	79.35	81.70	82.64	74.33	46.54	23.21

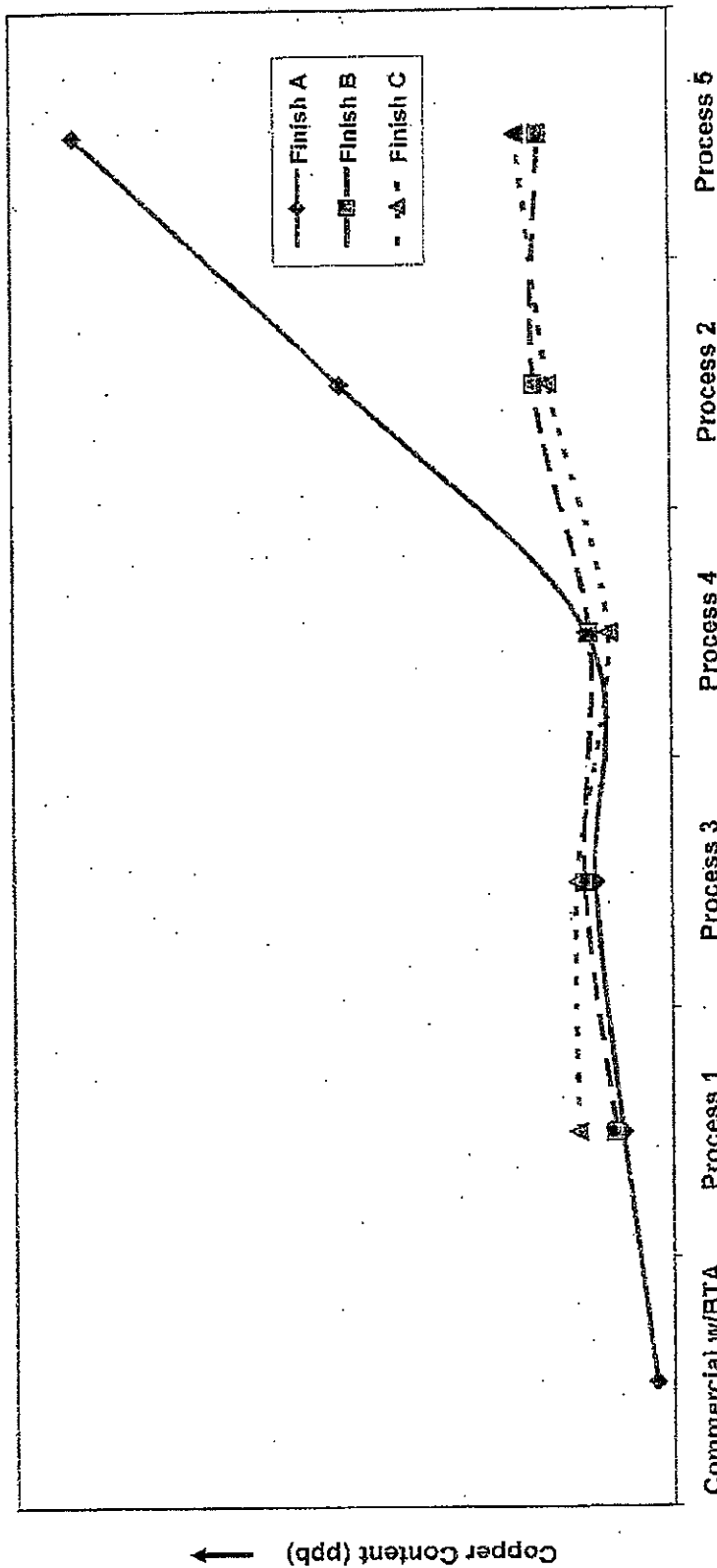


FIG. 3

Copper Content by Surface Roughness

Alloy : C110 / Test Method ; Immersion

Date: 5/03/07

Ra	Commercial w/BTA	Process 1	Process 3	Process 4	Process 2	Process 5
Finish A	75.32	227.33	344.12	381.57	1,498.15	2,708.55
Finish B		257.61	396.39	369.08	618.45	591.14
Finish C		427.21	427.07	284.05	550.98	699.33
						~10
						~4
						~35

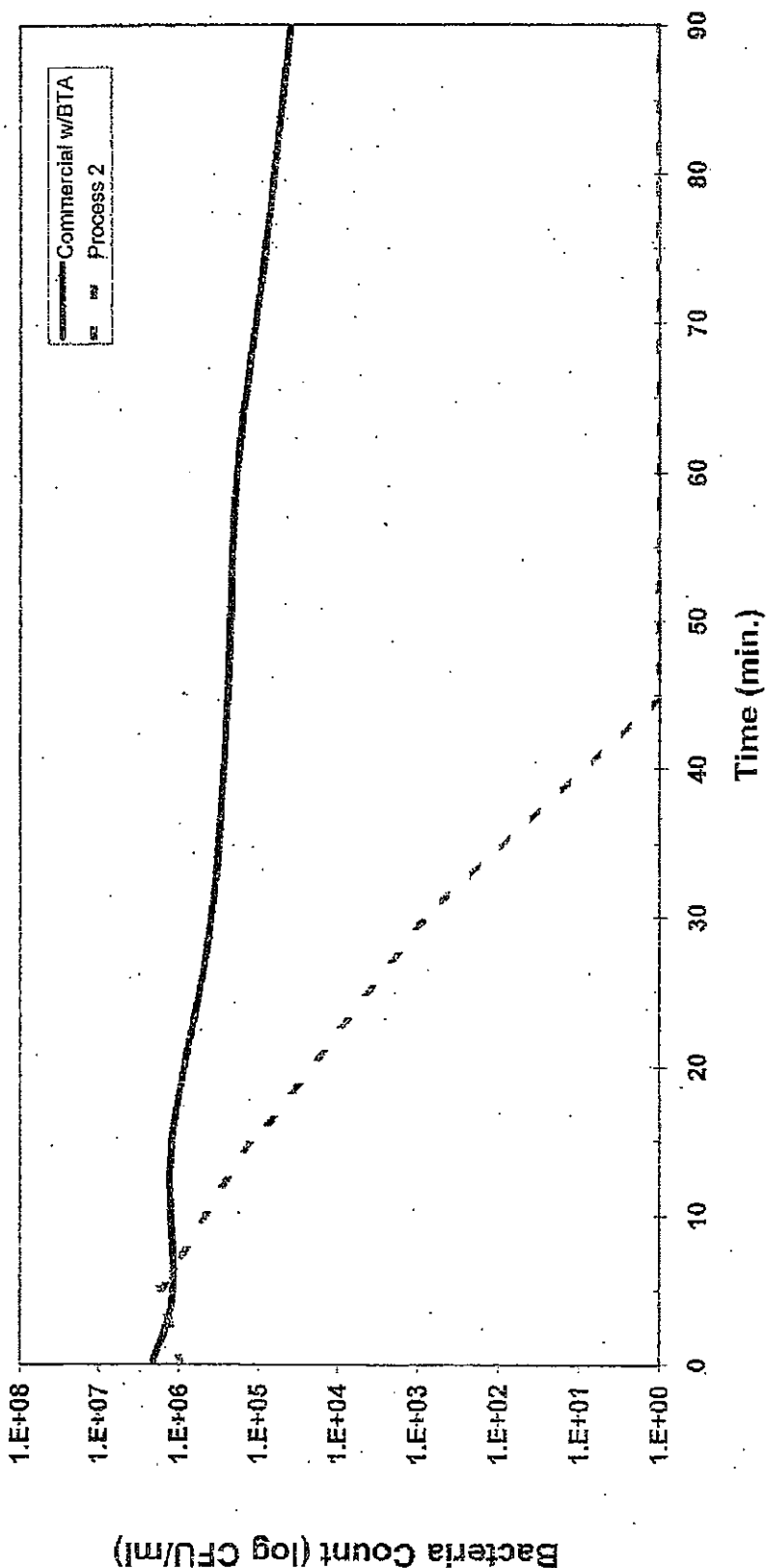


FIG. 4
 E-coli Viability on C110 Alloy Surface (Modified Data)

Date: 5/17/07

FIG. 4

Sample	Expose Time (minutes) with E-coli									
	0	5	15	30	45	60	75	90		
Commercial w/BTA	2,175,000	1,192,857	1,238,125	395,000	250,000	192,583	85,000	41,083		
Process 2	935,000	1,747,750	120,250	767	1	1	1	1		

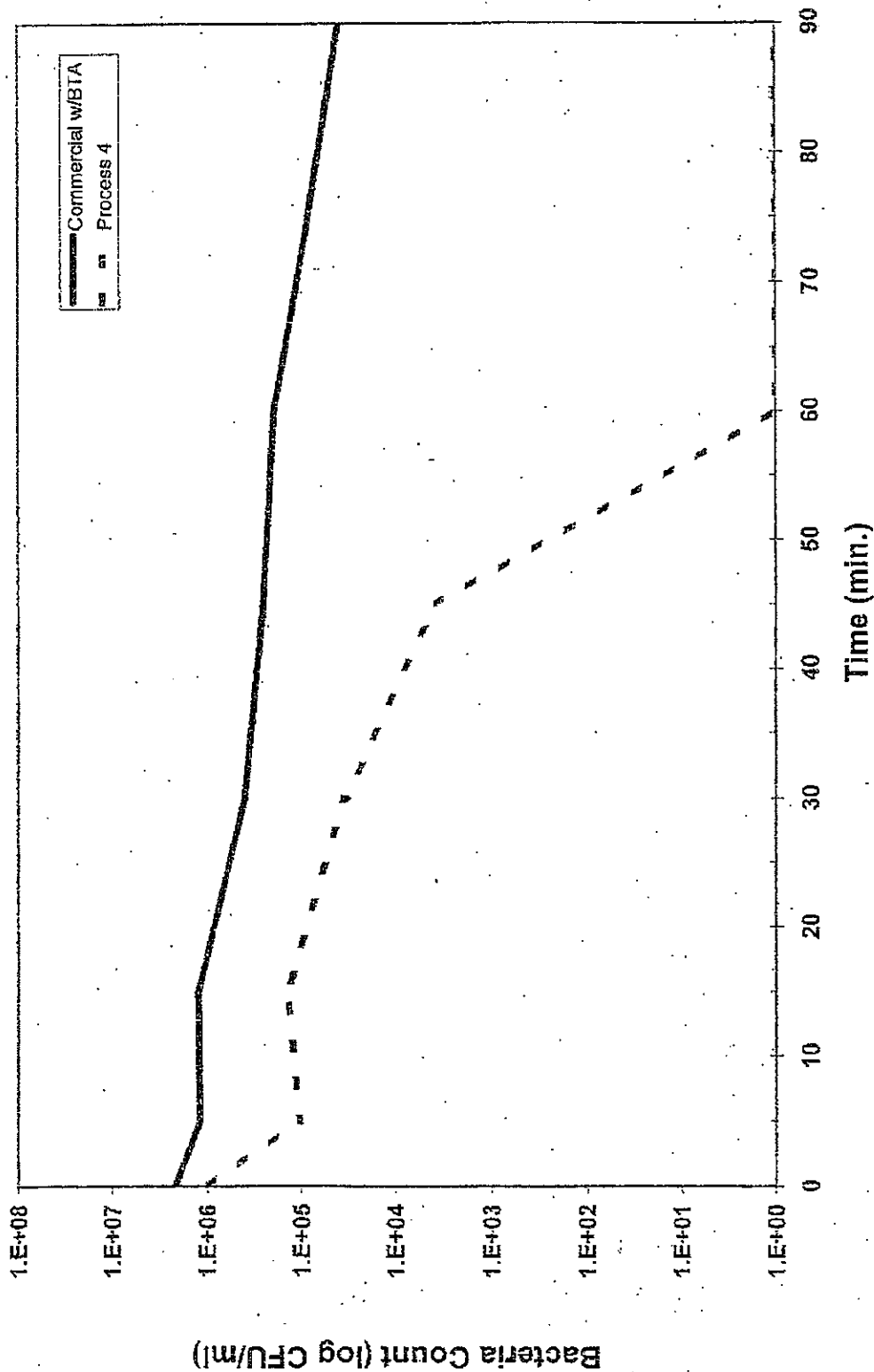


FIG. 5

Date: 5/17/07

Sample	Expose Time (minutes) with E-coli									
	0	5	15	30	45	60	75	90		
Commercial w/BTA	2,175,000	1,928,557	1,238,125	395,000	250,000	192,583	83,000	4,083		
Process 4	946,250	104,313	141,000	36,375	3,700	1	1	1		

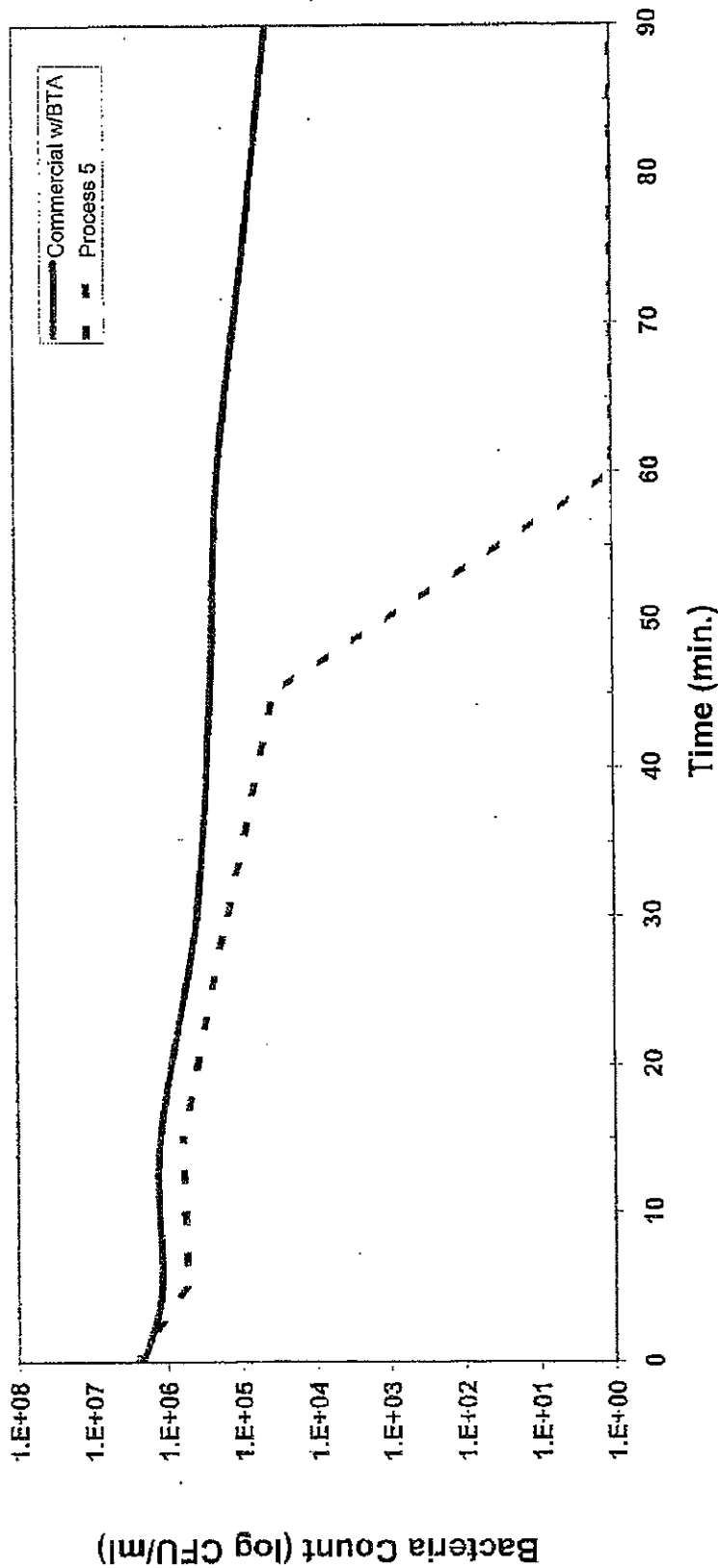


FIG. 6
E-coli Viability on C110 Alloy Surface (Modified Data)

Date: 5/17/07

FIG. 6

Expose Time (minutes) with E-coli

Sample	0	5	15	30	45	60	75	90
Commercial w/BTA	2,175,000	1,192,857	1,238,125	395,000	250,000	192,583	85,000	41,083
Process 5	2,896,667	538,750	622,500	156,250	35,000	1	1	1

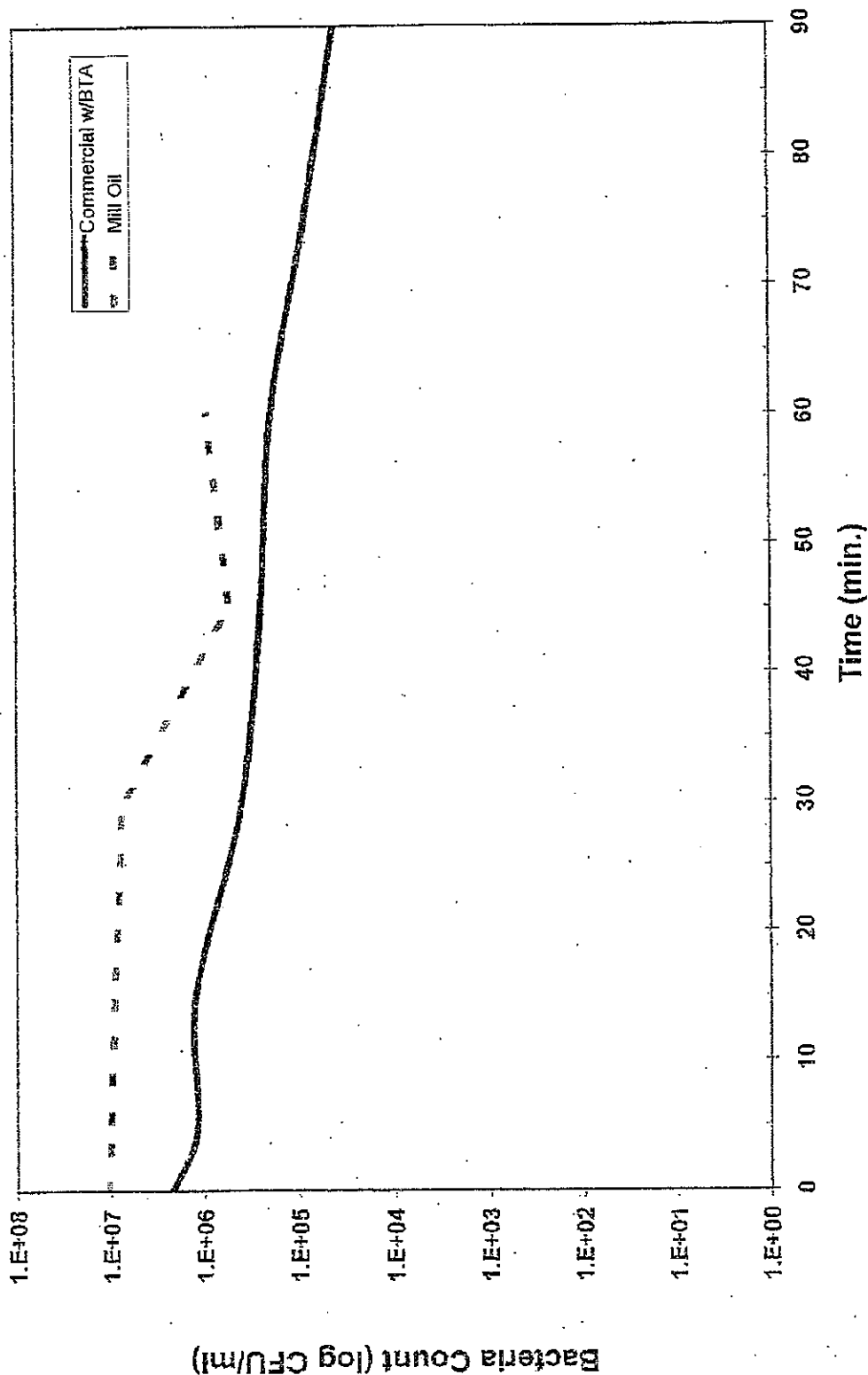


FIG. 7

Date: 5/17/07

Sample	Expose Time (minutes) with E-coli									
	0	5	15	30	45	60	75	90		
Commercial w/BTA	2,175,000	1,192,857	1,238,125	395,000	250,000	192,583	85,000	41,083		
Mill Oil	10,500,000	10,000,000	9,000,000	7,300,000	529,250	920,000				