

Ladder		August 2014 As-Is				Proposed September 2014 Swap				Future Foil Swap Option (after new foils arrive)			
Position	Type	Material	Thickness	Sacrificial Sibling	Comment	Material	Thickness	Sacrificial Sibling	Comment	Material	Thickness	Sacrificial Sibling	Comment
1	Rect	Copper	8			Gold	0.225	2		Gold	0.225	2	
2	Rect	Copper	1			Gold	0.625	2		Gold	0.625	2	
3	Rect	Silver	10			Gold	0.87	2		Gold	0.87	2	
4	Rect	Gold	0.75	2		Gold	0.75	2		Gold	0.75	2	
5	Rect	Gold	0.5	2	Mislabeled?	Gold	0.5	2	Mislabeled?	Gold	0.5	2	Mislabeled?
6	Ring	Silver	4.5			Gold	0.35	1		Gold	0.02	1	
7	Ring	Silver	1.6			Gold	0.35	1		Gold	0.02	1	
8	Ring	Silver	0.45			Gold	0.35	1		Gold	0.1	2	
9	Ring	Thru	-										
10	Ring	Viewer	-										
11	Ring	Copper	4.1							Gold	2	2	
12	Ring	Gold	0.05 (Broke)	1		Gold	0.05	Broke		Gold	0.05	Broke	
13	Ring	Gold	0.05	1		Gold	0.05	Broke		Gold	0.05	Broke	
14	Ring	Gold	0.35	4		Gold	0.35	1		Gold	0.35	4	
15	Ring	Gold	1	1		Gold	1	1		Gold	1	2	New 1um
16	Ring	Gold	5	0		Gold	5	0		Gold	3	2	

Low Statistics Data from Spring Sample 2014				Proposed September 2014 Swap				Future Foil Swap Option (after new foils arrive)			
Material	Thickness	#	Thickness Meas	Material	Thickness	#	Thickness Meas	Material	Thickness	#	Thickness Meas
Au	0.05	2	-	Au	0.05	2	FE-SEM	Au	0.02	2	Lebow + FE-SEM
Au	0.35	1	-	Au	0.225	1	SEM	Au	0.05	2	FE-SEM
Au	0.5	1	SEM	Au	0.35	4	SEM	Au	0.1	1	Lebow + FE-SEM
Au	0.75	1	-	Au	0.5	1	SEM	Au	0.225	1	SEM
Au	1	1	SEM	Au	0.625	1	SEM	Au	0.35	1	SEM
Au	5	1	-	Au	0.75	1	SEM	Au	0.5	1	SEM
				Au	0.87	1	SEM	Au	0.625	1	SEM
				Au	1	1	SEM	Au	0.75	1	SEM
				Au	5	1	No	Au	0.87	1	SEM
								Au	1	1	Lebow + SEM
								Au	2	1	Lebow + SEM
								Au	3	1	Lebow + SEM