

2010 USFG SINGLE STONE: CUTTERS NOTES

For the PreMasters stone:

Rands Cut Corner Rectangle #1, test cut by Walt Seidelman.

I cut the stone (man made green quartz) in the order indicated:

Note: P2 needs to be 13.66 (10mm indicated cut width * 1.366 L/W ratio)

I first cut P1 to center and fine tuned with 3000 BATT

then cut P2 to 15mm and pre-polished to 13.8

Polished P1 with Cerium Oxide maintaining the temporary culet

Polished the P2 to 13.66 with cerium meeting P1

Cut P3 BATT 325 and cleaned it up with with BATT 3000 and polished to meets

Cut P4 and polished to meets

Cut P5 with Bat 3000 and polished to new culet (took some "fine adjusting" to meet both meets)

—Transfer Stone—

CA cut with Bat 325 3000 then polished to .3mm

CB cut Bat 3000 and polished to meets

CC Cut Bat 3000 and polished to meets

CD Same

CE Same

CF (Table) Cut 325, 3000 and polished in (only 2 meets, Woot!)

CG Cut with Bat 3000 and polished in

Cg took some effort to get all 3 meets at the same time

I enjoyed the cut. Cutting the table in the middle of the crown sequence was new to me, but I found it interesting and something I might try on a different pattern. I found it pretty much straight forward. I don't particularly like quartz, but I was only test cutting so getting the nth degree of meets wasn't required.

Novices should try this cut, makes a pretty stone and lets you try the next level.

Cut in Peace,
Walt

