

Magnetic Influenced Polycrystalline Electrolyte Formation and Formulation

1"X3" CARBON GRAPHITE ELECTRODE

1"X3" MAGNESIUM ELECTRODE

1"X3" Piece of COFFEE FILTER

4.0 gm LiClO₄ (This compound when dissolved in water will form crystals upon drying that ARE VERY SENSITIVE TO MAGNETIC FIELD)

3.5 gm Silica Gel Pulverized into powder 2.5 gm AlO₂ 50um or smaller

0.4 gm TiO₂ acting to assist in Crystal formation as nidus

3.0 gm ZnO

3.0 gm MgSO₄ Epsoms Salt Pulverized into fine powder

3.0 gm Feldspathic Porcelain powder 50um or smaller

0.5 gm MnO₂

0.5 gm Europium Luminscent Powder

Carbon Graphite powder as dopant small 4mmX4mm pile

Mg powder as dopant 4mmX4mm pile

Iron Pyrite as dopant dusting on mix

Galina as dopant dusting on mix

Hydrate to make thin paste or thick paint like consistency

Forming 1"x 3" Carbon Graphite / Magnesium cells:

Cut one thickness of Coffee filter to match the size of the electrodes used Paint thin layer of the electrolyte on the Magnesium Place the piece of filter paper on the WET electrolyte press down to ensure paper is adherent to the Mg Paint thin layer of electrolyte on this paper and place the Carbon Graphite electrode on top to complete cell.

Place the cell on top of a relatively powerful magnetic source (I used either 3-4 Ceramic magnets or Neo's with NORTH facing up)

I notice an increased output of cells that were allowed to crystalize with the MAGNESIUM half of the cell resting on the NORTH POLE of the magnet If you place the Carbon Graphite side towards the NORTH face of the magnet you may see a cell that is less strong.

I suggest trying both and comparing. DIVEFLYFISH/JEHDDS 2/18/2012