

## Materials in a Cell Phone



- Copper (16 grams) <sup>1</sup>
- Silver (0.35 grams) <sup>1</sup>
- Gold (0.034 grams) <sup>1</sup>
- Palladium (0.015 grams) <sup>1</sup>
- Platinum (0.00034 grams) <sup>1</sup>
- Ceramic magnetic switches containing rare earths (unknown amt.) <sup>2</sup>
- Indium (unknown amt.) <sup>2</sup>
- Titanium dioxide (unknown amt.) <sup>2</sup>
- Indium tin oxide (unknown amt.) <sup>2</sup>

<sup>1</sup> source – USGS <http://pubs.usgs.gov/fs/2006/3097/>

<sup>2</sup> source – NRC critical minerals report