

## **GEOMETRICS G856 MAGNETOMETER**

### **BASE STATION OPERATIONS SUMMARY**

- 1) Place the base station well away from the survey location  
DO NOT GO NEAR THE BASE STATION WHILE THE SURVEY IS UNDERWAY
- 2) Put the sensor on its rod
- 3) Auger a small hole and place the sensor rod in the hole making sure it will stay upright  
Orient the sensor (there is a small N arrow on the top)
- 4) Connect the long cable to the car battery and place the car battery and G-856 under a tarp away from the sensor - BE CAREFUL OF POLARITY..
- 5) Set the time and day - <d#> <d#> <d#> is a three digit julian day  
<AUTO> <TIME> <SHIFT> <d#> <d#> <d#> <h#> <h#> <min#> <min#> <ENTER>  
d# d# d# is the julian day.
- 6) Tune the sensor:  
<READ> <TUNE>  
<TUNE> <SHIFT> <#> <#> <ENTER> maximize signal strength
- 7) set auto mode:  
<AUTO> <SHIFT> <sec#> <sec#> <ENTER>
- 8) At the end of the day turn auto mode off :  
<AUTO> <CLEAR>