


NW Corner Pt: X (E): 2180160.0001
Y (N): 6668858.7000

NE Corner Pt: X (E): 2188428.1201
Y (N): 6668858.7000



NOTES:

- There are 378 Survey Units (SU) in each Tile ID location. Each SU is identified by the Tile ID followed by the grid number, for example GG121 to yield the Survey Unit ID.
- When locating the SU in the field, the SU ID is placed on the northwest corner stake of the four stakes that define the SU.
- Aerial imagery is from 03-29-2024.

The Math for the Grid:

Each SU is 32.81 FT x 32.81 FT. There are 252 SU's wide ($252 \times 32.81 = 8,268.12$). Origin X: 2180160.0001 + 8268.12 = 2188428.1201) There are 270 SU's tall ($270 \times 32.81 = 8888.7$. Origin Y: 6660000.0000 + 8888.7 = 6668858.7000).

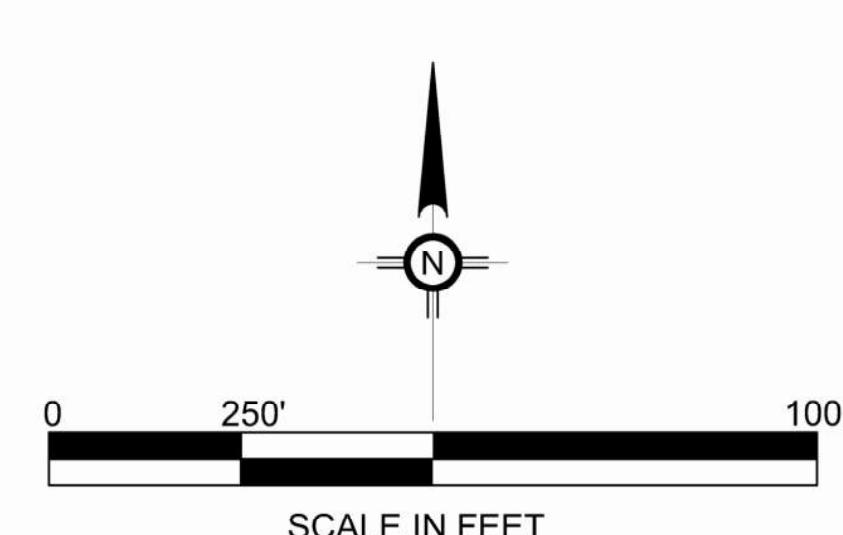
What I want to do is next subdivide each SU. I'm thinking 100 subunits per SU simply to keep the math easy, but I'm open to whatever so long as it is no less than 9 Subunits (Think if you were to insert a tic tac toe board within each SU, you'd have 9 sub cells).

We drive an ATV with a semi-proprietary sensor (we took tech designed for government aircraft and put it on the ground). We collect a point every second. That point contains X,Y,Reading. Reading is a value from the sensor for Radium 226 (it also has the values for many other isotopes, but we strip those as our cleanup is for Radium 226).

Next I'm going to send you a map depicting where we currently have collected data...

LEGEND

- CA Boundary
- Property Line (Approximate)
- 100 m² Survey Unit grid
- On Property Tile ID
- Off Property Tile ID
- Tile ID Boundary



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Moab Site
Final Status Survey
Grid System

04-23-2024

Figure 1